

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084758.D
 Acq On : 2 Feb 2016 20:59
 Operator : SJ/IZ
 Sample : H1314-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MS

Quant Time: Feb 03 00:19:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	166736	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	675830	20.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	326700	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	610391	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	398804	20.00	ng	-0.02
86) Perylene-d12	15.23	264	351997	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1432660	133.84	ng	-0.01
7) Phenol-d6	6.36	99	1867587	140.73	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1204645	100.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	481260	141.22	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1912801	108.76	ng	-0.02
78) Terphenyl-d14	12.81	244	1907878	108.41	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	161355	34.41	ng	# 76
3) Pyridine	2.88	79	549058	44.94	ng	# 72
4) n-Nitrosodimethylamine	2.84	42	298271	47.21	ng	80
6) Aniline	6.36	93	662828	40.82	ng	# 75
8) 2-Chlorophenol	6.49	128	572760	47.27	ng	93
9) Benzaldehyde	6.24	77	216276	27.60	ng	91
10) Phenol	6.37	94	819744	55.14	ng	98
11) bis(2-Chloroethyl)ether	6.44	93	549118	47.37	ng	# 83
12) 1,3-Dichlorobenzene	6.88	146	524836	41.00	ng	98
13) 1,4-Dichlorobenzene	6.72	146	558937	43.67	ng	96
14) 1,2-Dichlorobenzene	6.88	146	524923	44.04	ng	95
15) Benzyl Alcohol	6.85	79	458443	50.03	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.99	45	840181	43.08	ng	89
17) 2-Methylphenol	6.98	107	486540	50.77	ng	# 91
18) Hexachloroethane	7.21	117	213972	43.42	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	390688	46.97	ng	# 74
20) 3+4-Methylphenols	7.13	107	592856	49.84	ng	# 59
22) Acetophenone	7.12	105	840382	47.18	ng	# 99
24) Nitrobenzene	7.29	77	557170	43.37	ng	93
25) Isophorone	7.54	82	1135341	48.67	ng	97
26) 2-Nitrophenol	7.61	139	304305	48.03	ng	# 86
27) 2,4-Dimethylphenol	7.66	122	519300	47.12	ng	88
28) bis(2-Chloroethoxy)methane	7.74	93	678323	49.01	ng	100
29) 2,4-Dichlorophenol	7.86	162	504766	53.53	ng	94
30) 1,2,4-Trichlorobenzene	7.93	180	477181	44.80	ng	97
31) Naphthalene	8.01	128	1479701	43.65	ng	99
32) Benzoic acid	7.74	122	49691	7.05	ng	# 82
33) 4-Chloroaniline	8.06	127	496428	35.41	ng	98
34) Hexachlorobutadiene	8.13	225	291988	47.54	ng	99
35) Caprolactam	8.45	113	93633	32.21	ng	# 62
36) 4-Chloro-3-methylphenol	8.57	107	587609	54.62	ng	97
37) 2-Methylnaphthalene	8.70	142	1145319	53.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	442982	42.69	ng	98
40) Hexachlorocyclopentadiene	8.85	237	426549	89.03	ng	98

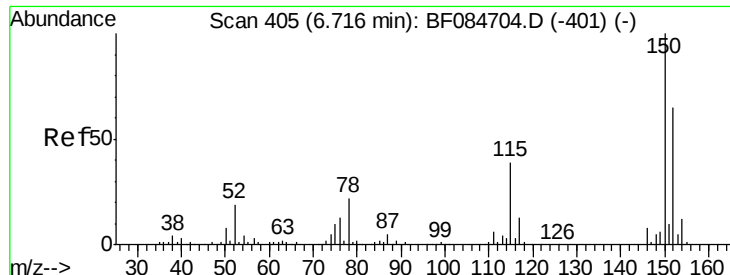
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	330451	49.44	ng	92
43) 2,4,5-Trichlorophenol	9.04	196	341732	50.31	ng	96
45) 1,1'-Biphenyl	9.17	154	1324455	45.39	ng	95
46) 2-Chloronaphthalene	9.18	162	969090	45.10	ng	97
47) 2-Nitroaniline	9.29	65	324534	47.69	ng	99
48) Acenaphthylene	9.61	152	1559504	47.82	ng	98
49) Dimethylphthalate	9.48	163	1402490	56.36	ng	# 90
50) 2,6-Dinitrotoluene	9.54	165	265601	48.86	ng	# 62
51) Acenaphthene	9.78	154	1023609	48.25	ng	98
52) 3-Nitroaniline	9.71	138	234823	38.44	ng	# 62
53) 2,4-Dinitrophenol	9.81	184	231648	91.44	ng	# 82
54) Dibenzofuran	9.95	168	1424697	54.94	ng	96
55) 4-Nitrophenol	9.89	139	461659	102.84	ng	96
56) 2,4-Dinitrotoluene	9.94	165	307440	44.34	ng	# 77
57) Fluorene	10.29	166	1088914	50.29	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	268144	51.86	ng	92
59) Diethylphthalate	10.18	149	1240695	51.06	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	447053	49.94	ng	92
61) 4-Nitroaniline	10.33	138	317766	53.39	ng	81
62) Azobenzene	10.44	77	1185232	50.73	ng	90
64) 4,6-Dinitro-2-methylphenol	10.35	198	208816	55.43	ng	92
65) n-Nitrosodiphenylamine	10.41	169	967703	49.93	ng	98
66) 4-Bromophenyl-phenylether	10.77	248	343636	50.97	ng	96
67) Hexachlorobenzene	10.83	284	324406	44.16	ng	# 82
68) Atrazine	10.94	200	348306	56.91	ng	93
69) Pentachlorophenol	11.04	266	358702	103.90	ng	98
70) Phenanthrene	11.24	178	1452011	42.89	ng	97
71) Anthracene	11.30	178	1730231	50.72	ng	99
72) Carbazole	11.46	167	1626751	54.69	ng	98
73) Di-n-butylphthalate	11.79	149	1636176	43.20	ng	# 96
74) Fluoranthene	12.43	202	1745452	50.94	ng	94
76) Benzidine	12.56	184	649083	47.64	ng	99
77) Pyrene	12.66	202	1713397	56.12	ng	99
79) Butylbenzylphthalate	13.29	149	770302	55.61	ng	# 87
80) Benzo(a)anthracene	13.84	228	1217737	49.20	ng	97
81) 3,3'-Dichlorobenzidine	13.81	252	274814	31.36	ng	97
82) Chrysene	13.88	228	1207379	50.30	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	912621	52.94	ng	# 96
84) Di-n-octyl phthalate	14.45	149	1369496	48.16	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.53	276	1046178	55.37	ng	99
87) Benzo(b)fluoranthene	14.88	252	2079822	87.94	ng	98
88) Benzo(k)fluoranthene	14.88	252	2079822	106.36	ng	# 97
89) Benzo(a)pyrene	15.17	252	959569	47.62	ng	# 97
90) Dibenzo(a,h)anthracene	16.55	278	862990	50.87	ng	# 94
91) Benzo(g,h,i)perylene	16.92	276	888591	52.00	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

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IMPACT-PS-001MS

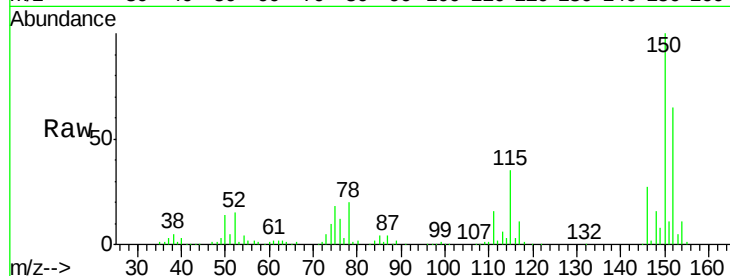
Tgt Ion:152 Resp: 166736

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

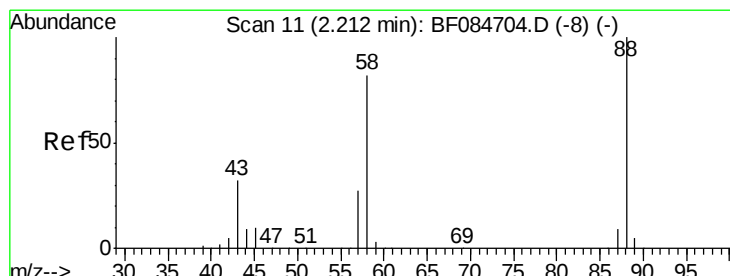
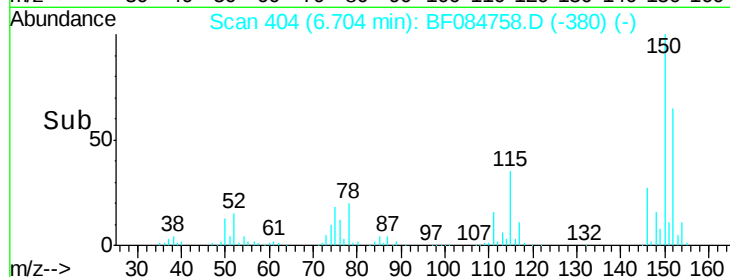
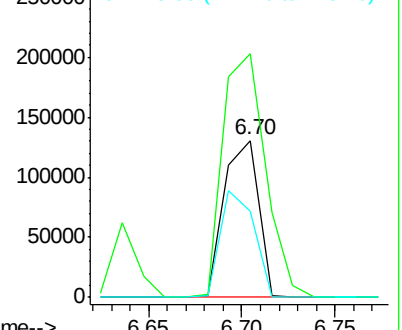
115 54.8 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.41 ng

RT: 2.21 min Scan# 11

Delta R.T. -0.01 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

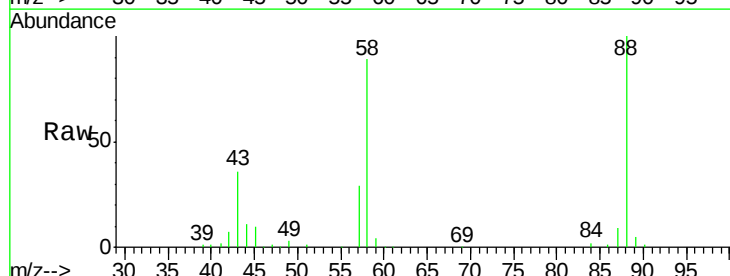
Tgt Ion: 88 Resp: 161355

Ion Ratio Lower Upper

88 100

58 84.2 51.2 76.8#

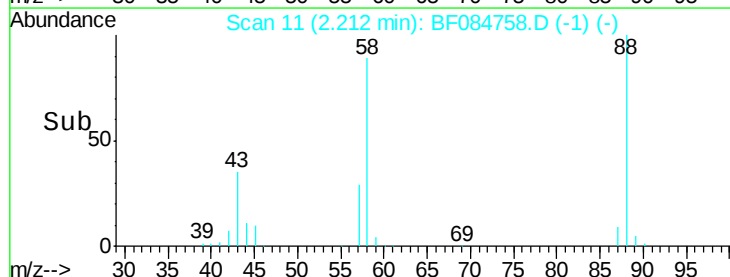
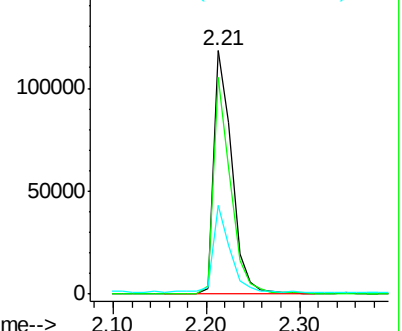
43 34.0 19.5 29.3#

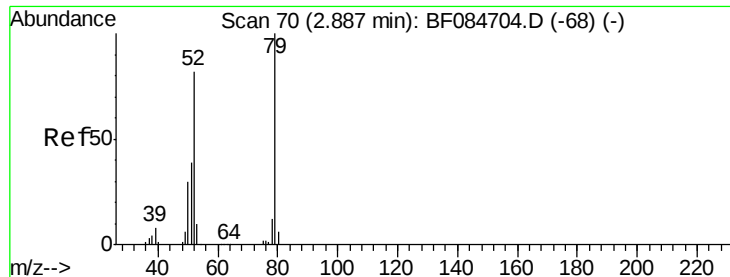


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.94 ng

RT: 2.88 min Scan# 69

Delta R.T. -0.03 min

Lab File: BF084758.D

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Instrument :

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ClientSampleId :

IMPACT-PS-001MS

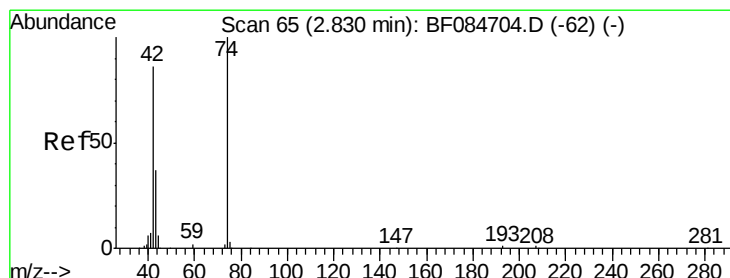
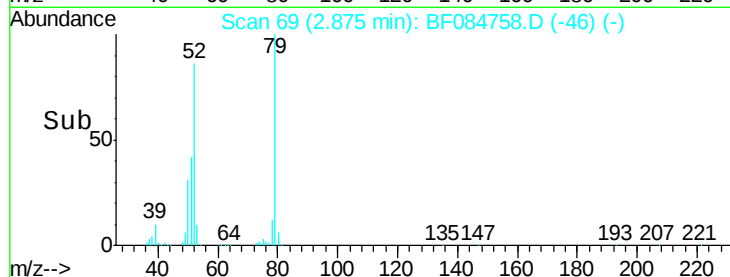
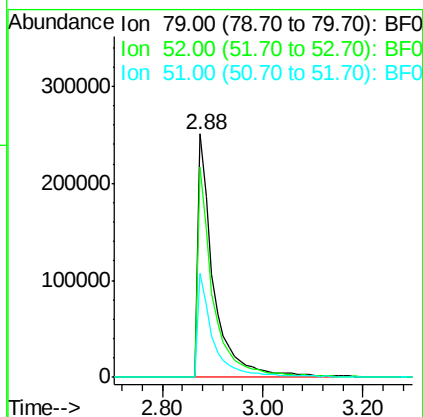
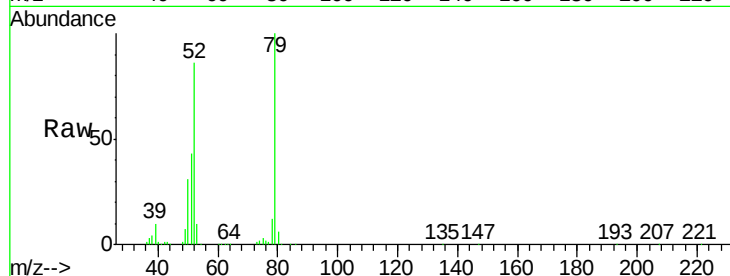
Tgt Ion: 79 Resp: 549058

Ion Ratio Lower Upper

79 100

52 86.2 49.0 73.4#

51 42.6 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 47.21 ng

RT: 2.84 min Scan# 66

Delta R.T. -0.01 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

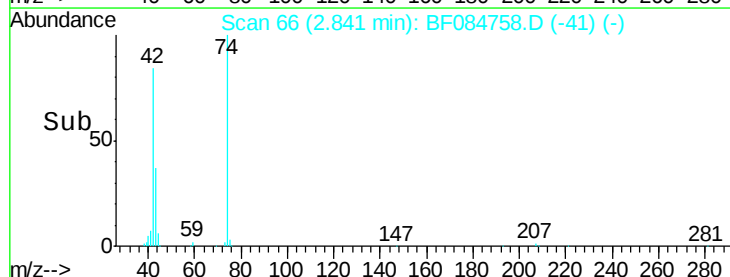
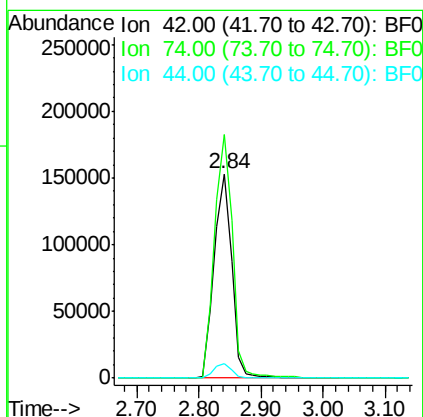
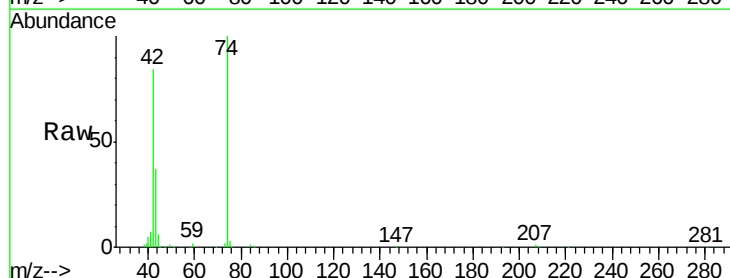
Tgt Ion: 42 Resp: 298271

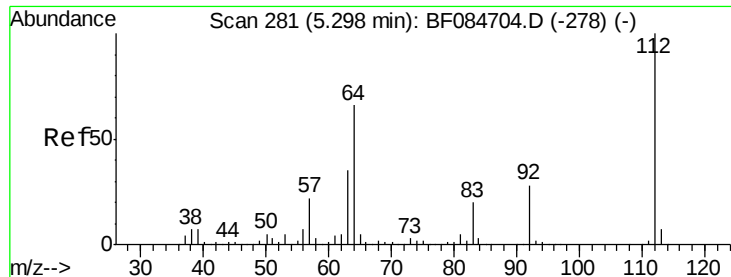
Ion Ratio Lower Upper

42 100

74 119.3 115.7 173.5

44 7.0 5.1 7.7





#5

2-Fluorophenol

Concen: 133.84 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

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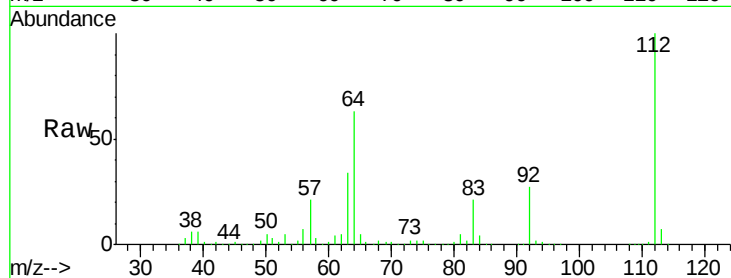
Tgt Ion: 112 Resp: 1432660

Ion Ratio Lower Upper

112 100

64 62.7 36.6 55.0#

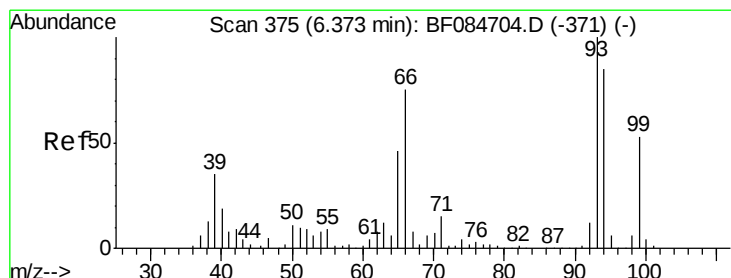
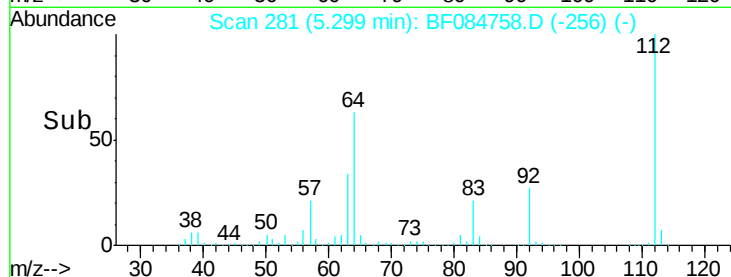
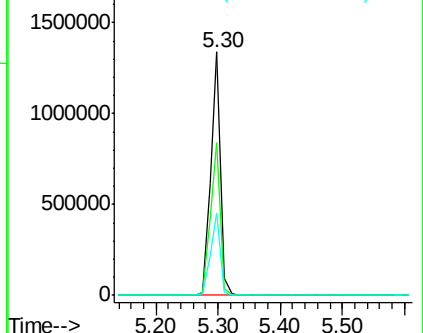
63 34.0 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.82 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

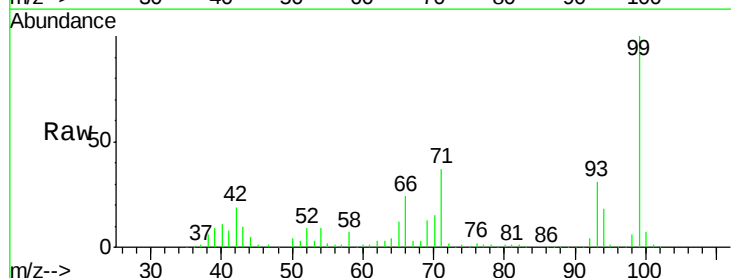
Tgt Ion: 93 Resp: 662828

Ion Ratio Lower Upper

93 100

66 77.3 44.9 67.3#

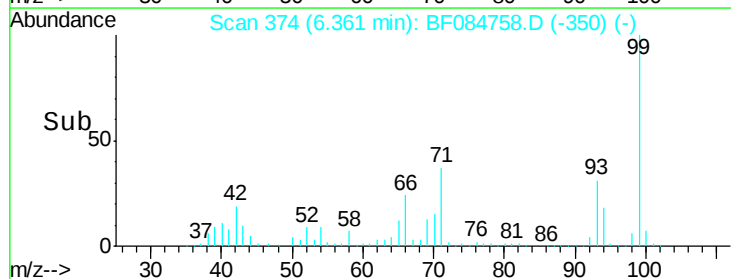
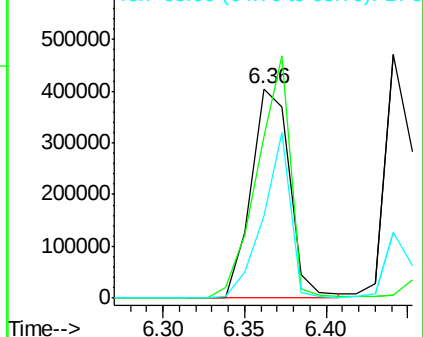
65 39.6 23.7 35.5#

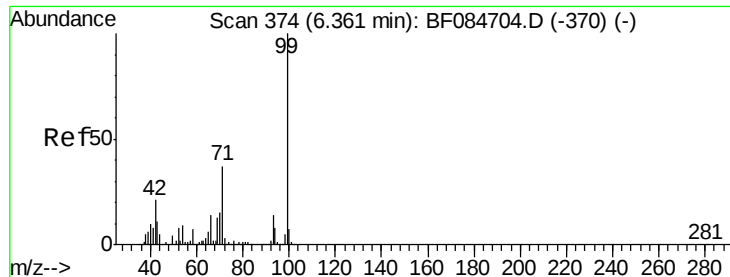


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 140.73 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084758.D

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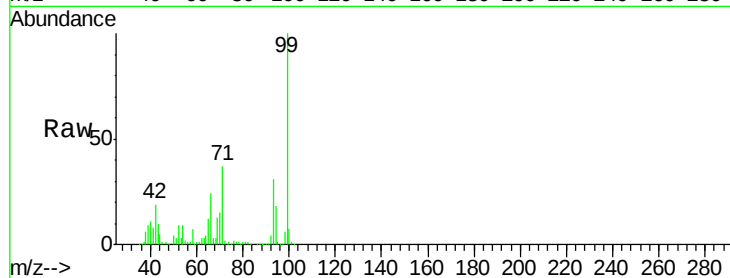
Tgt Ion: 99 Resp: 1867587

Ion Ratio Lower Upper

99 100

42 19.3 12.8 19.2#

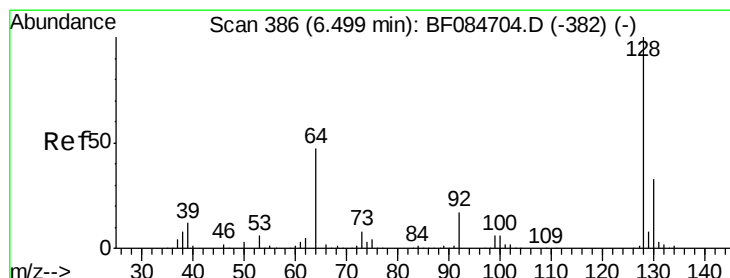
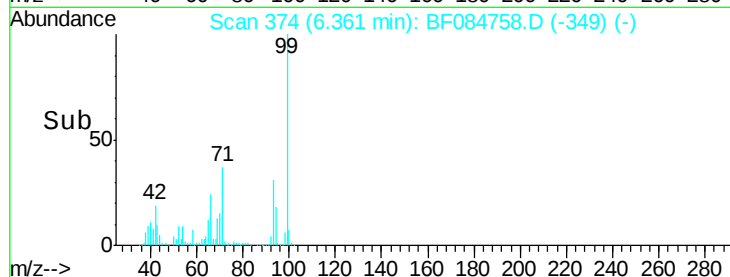
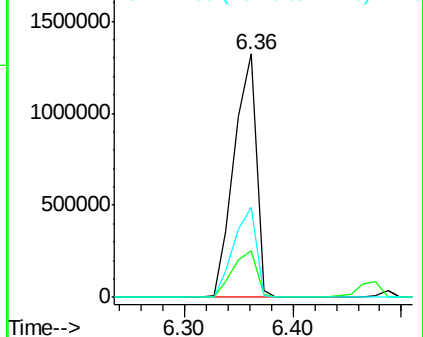
71 36.7 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.27 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

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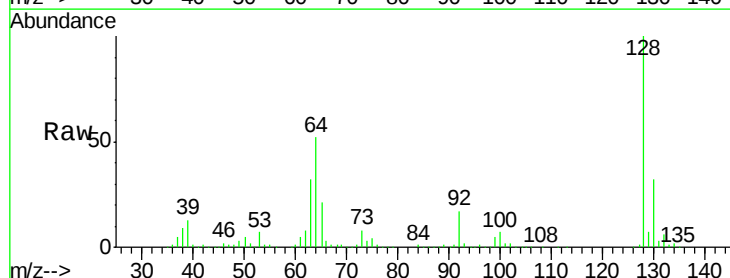
Tgt Ion: 128 Resp: 572760

Ion Ratio Lower Upper

128 100

130 31.8 11.6 51.6

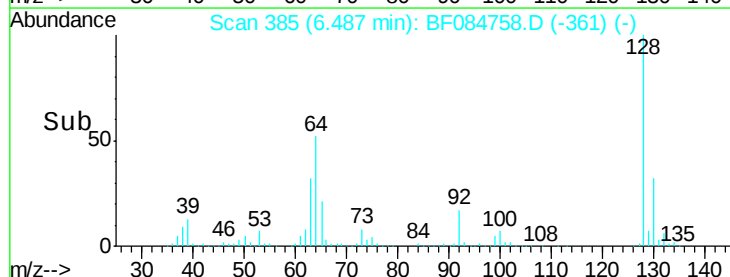
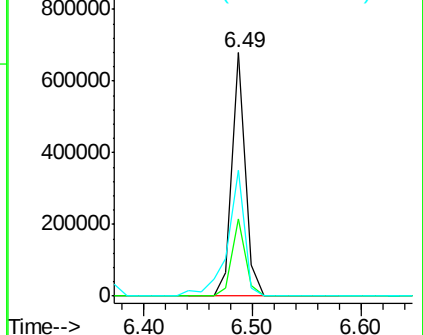
64 51.9 23.8 63.8

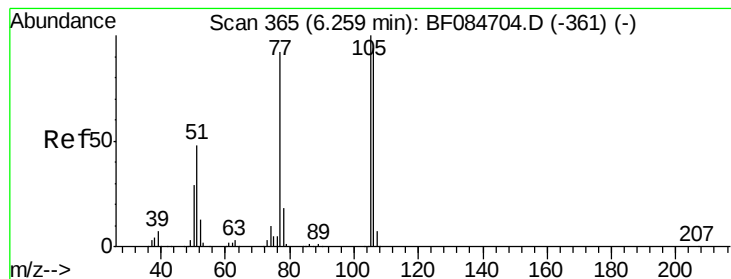


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.60 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.03 min

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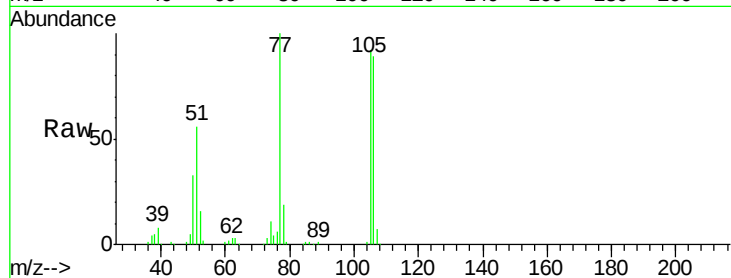
Tgt Ion: 77 Resp: 216276

Ion Ratio Lower Upper

77 100

105 91.6 83.0 123.0

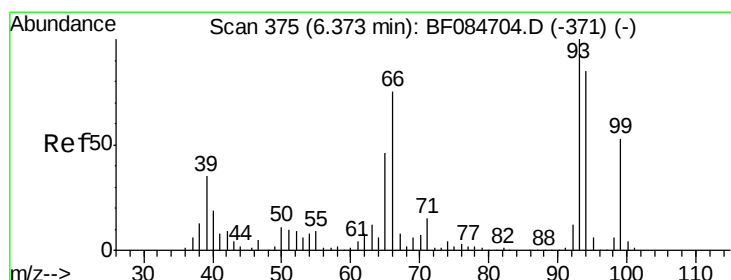
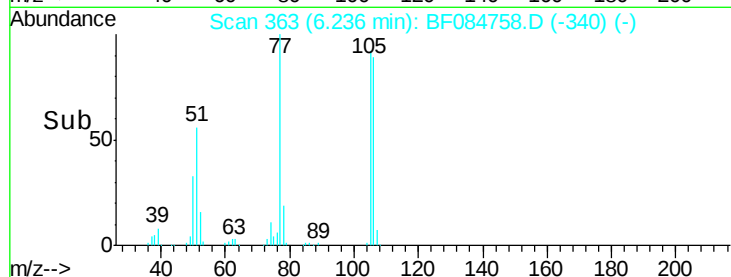
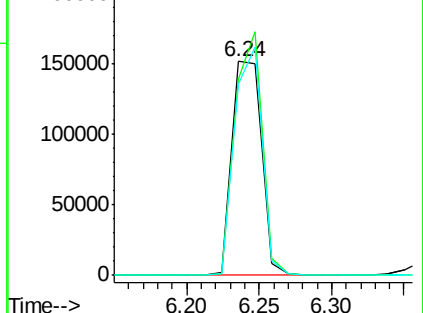
106 89.0 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 55.14 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084758.D

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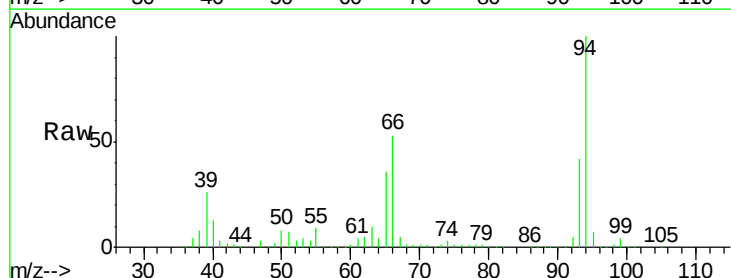
Tgt Ion: 94 Resp: 819744

Ion Ratio Lower Upper

94 100

65 36.0 12.9 52.9

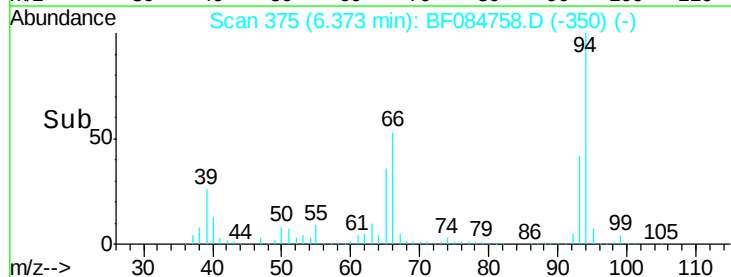
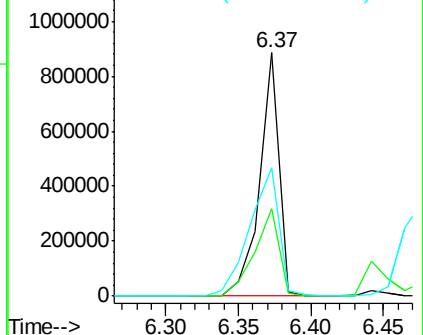
66 53.0 32.7 72.7

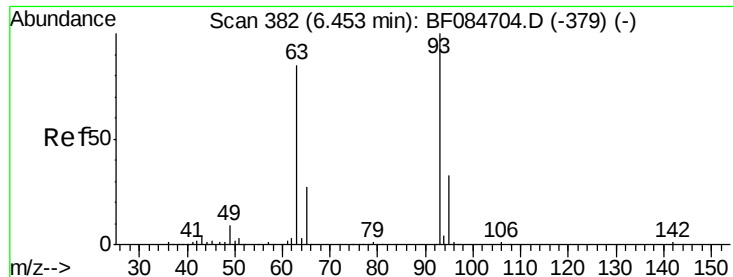


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

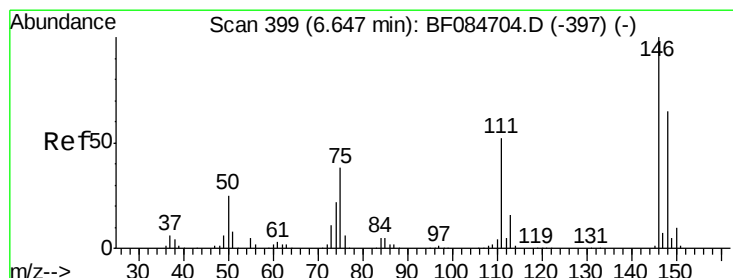
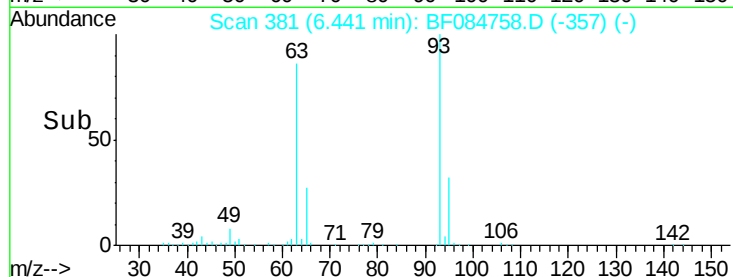
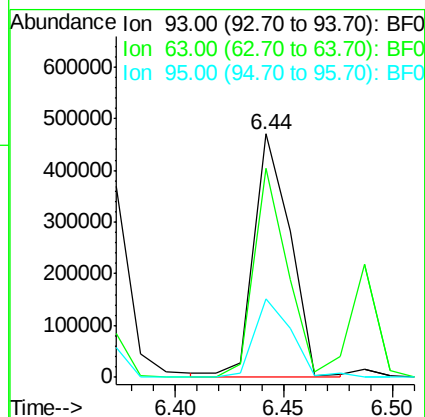
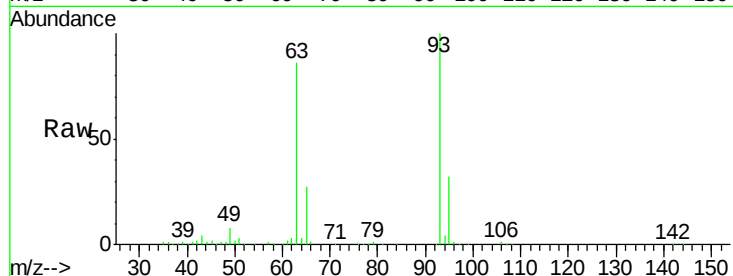




#11
bis(2-Chloroethyl)ether
Concen: 47.37 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.02 min
Lab File: BF084758.D
Acq: 2 Feb 2016 20:59

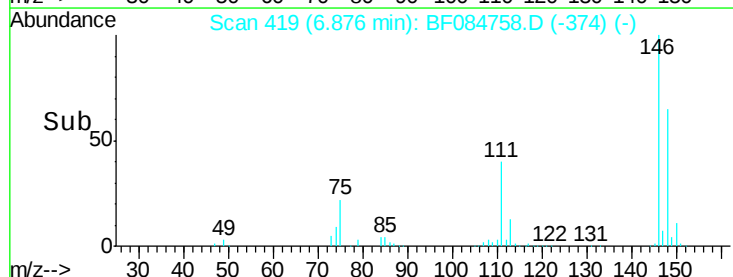
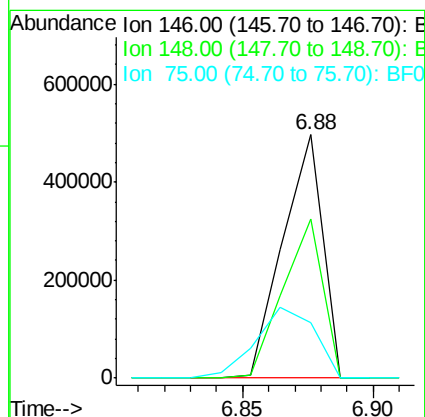
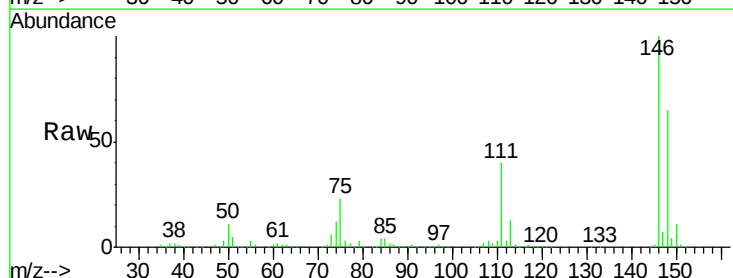
Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MS

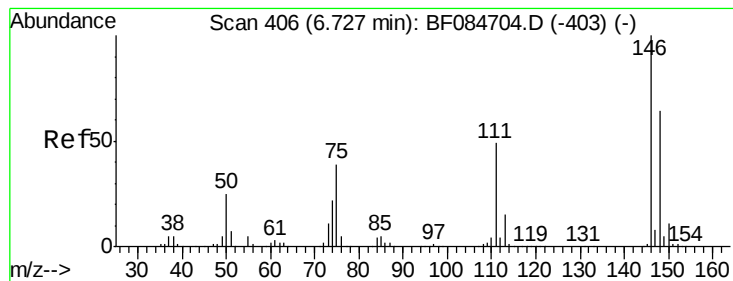
Tgt Ion: 93 Resp: 549118
Ion Ratio Lower Upper
93 100
63 86.0 45.9 85.9#
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.22 min
Lab File: BF084758.D
Acq: 2 Feb 2016 20:59

Tgt Ion: 146 Resp: 524836
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
75 22.9 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 43.67 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

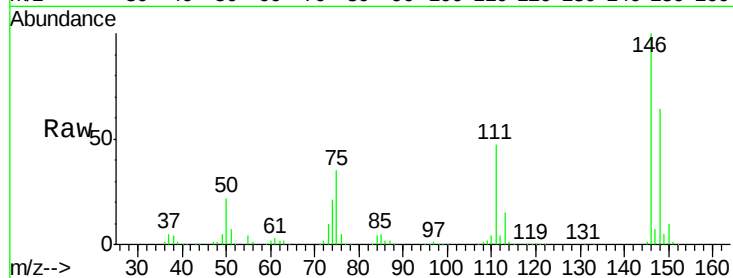
Tgt Ion:146 Resp: 558937

Ion Ratio Lower Upper

146 100

148 64.1 51.9 77.9

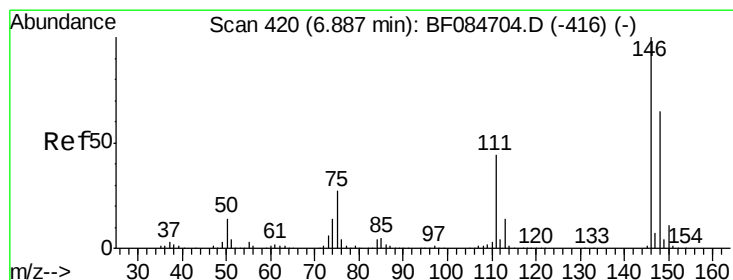
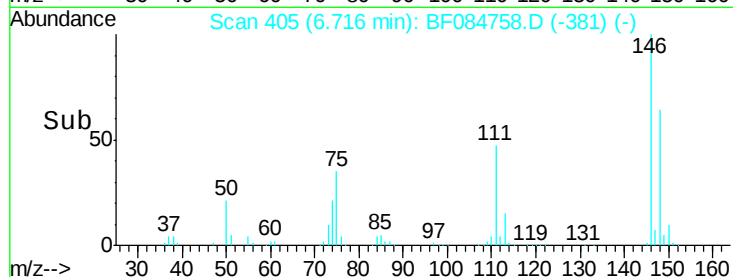
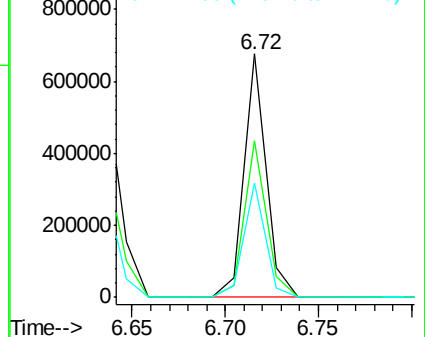
111 46.9 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.04 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

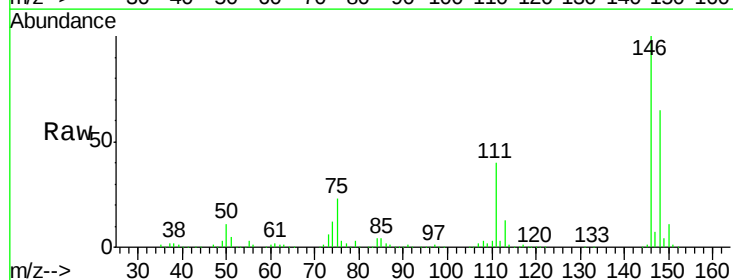
Tgt Ion:146 Resp: 524923

Ion Ratio Lower Upper

146 100

148 65.3 51.6 77.4

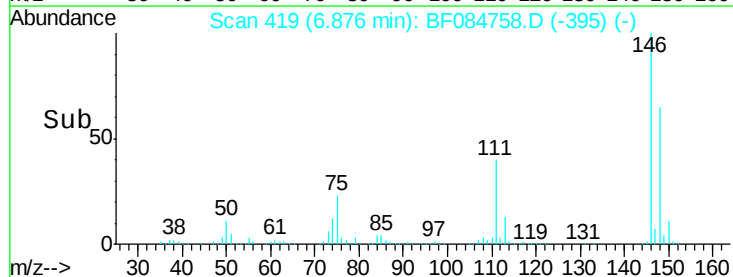
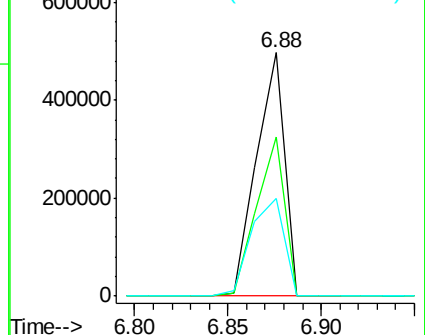
111 40.1 38.0 57.0

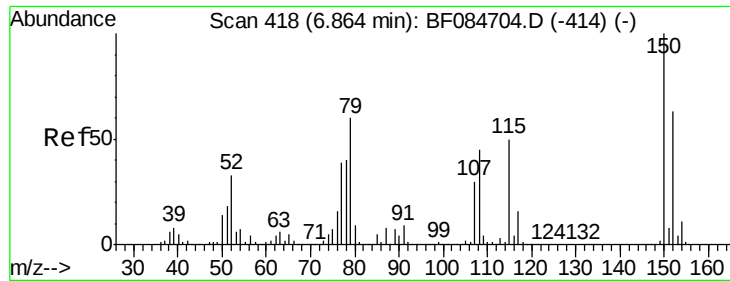


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.03 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

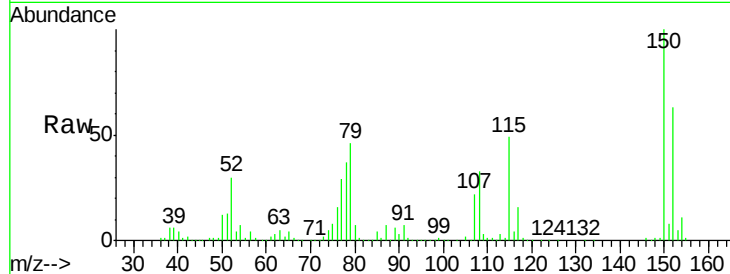
Tgt Ion: 79 Resp: 458443

Ion Ratio Lower Upper

79 100

108 71.9 69.0 103.4

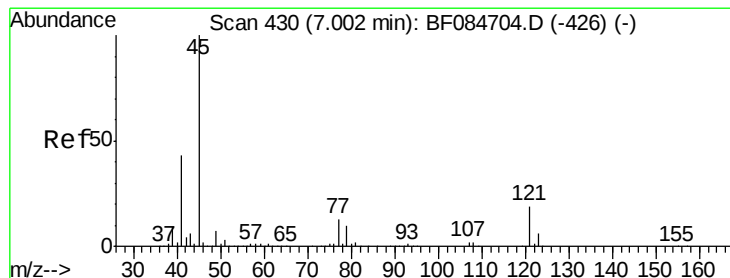
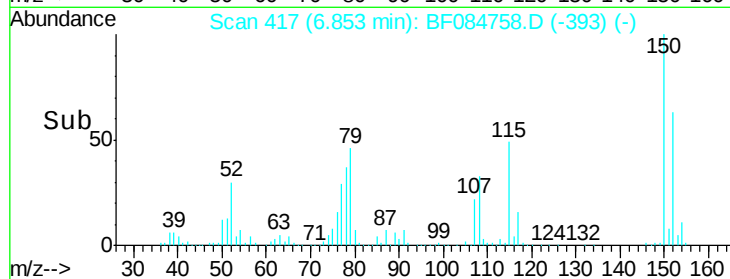
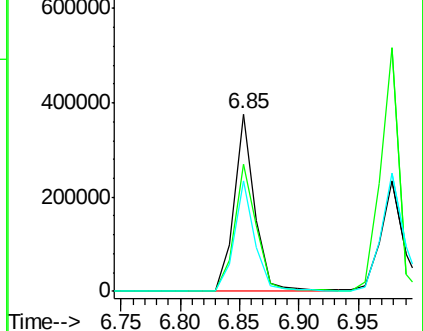
77 62.6 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.08 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

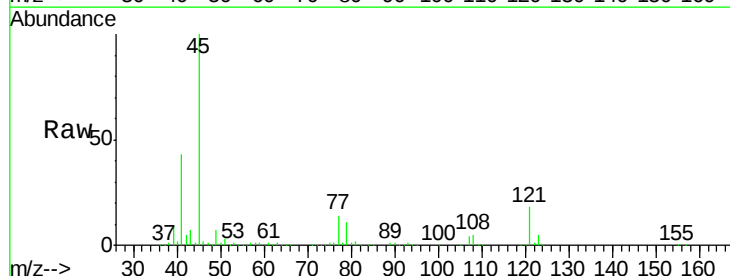
Tgt Ion: 45 Resp: 840181

Ion Ratio Lower Upper

45 100

77 13.8 0.0 39.6

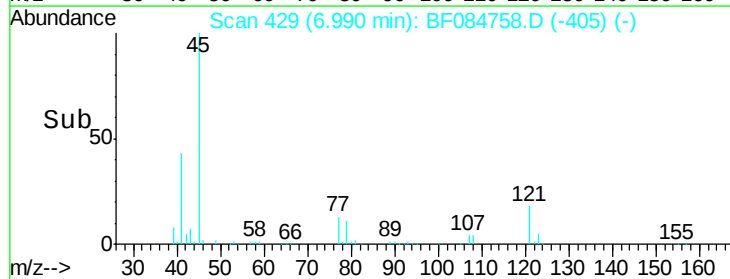
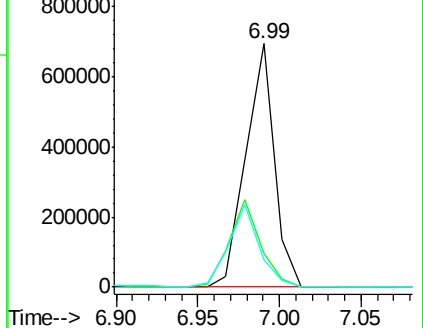
79 11.4 0.0 35.0

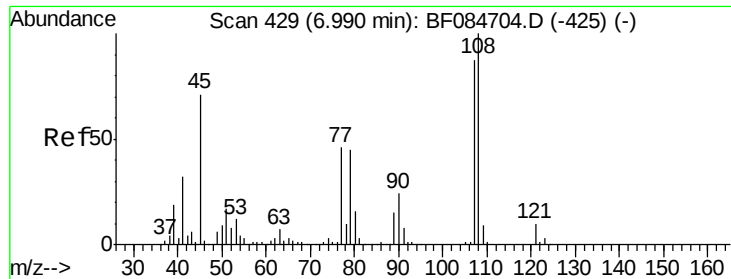


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

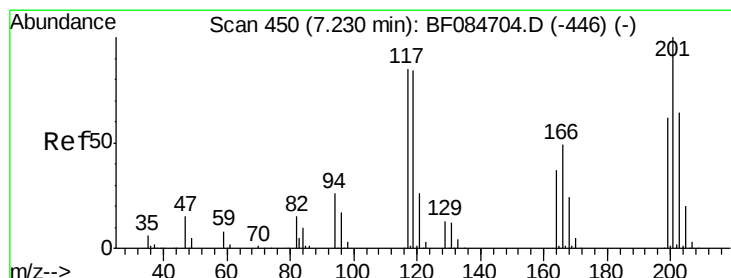
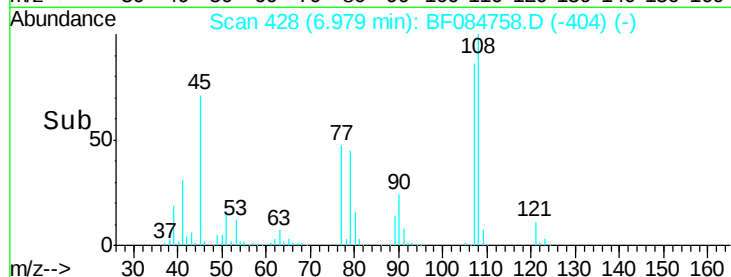
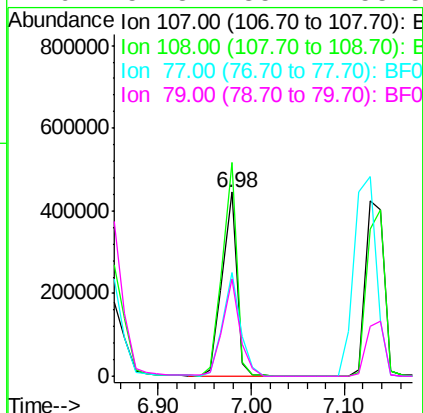
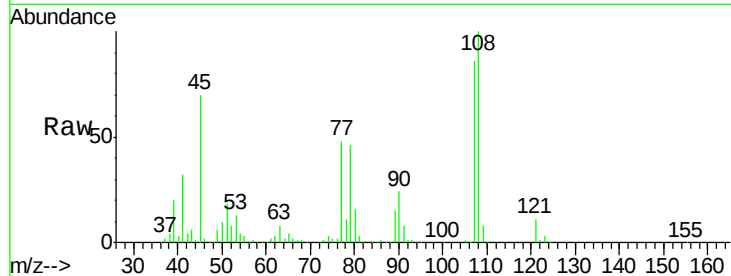




#17
2-Methylphenol
Concen: 50.77 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF084758.D
Acq: 2 Feb 2016 20:59

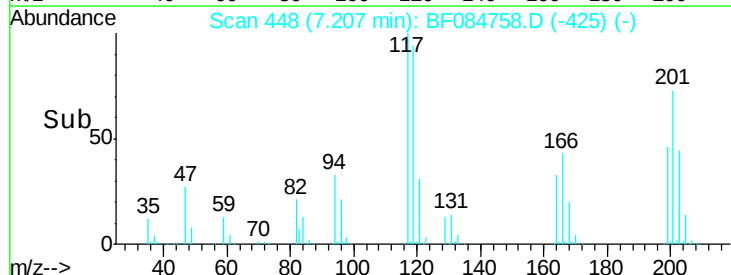
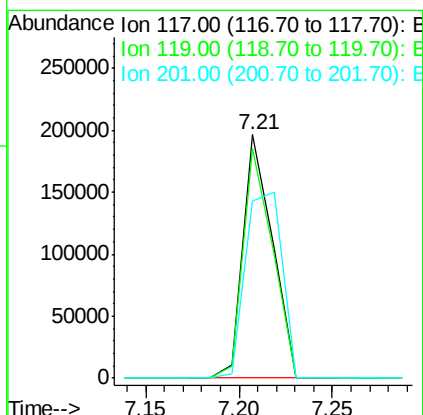
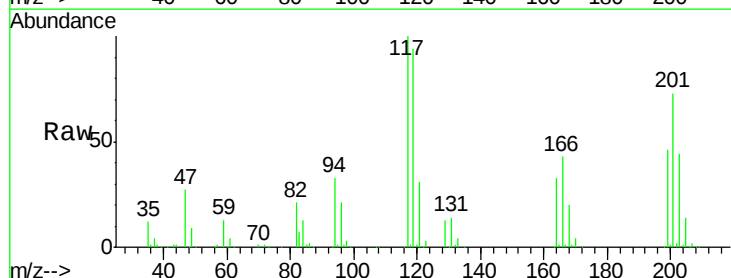
Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MS

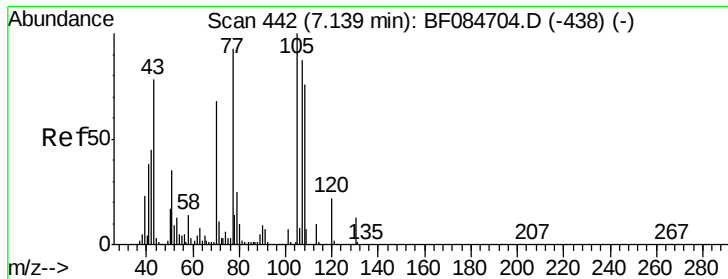
Tgt Ion:107 Resp: 486540
Ion Ratio Lower Upper
107 100
108 116.1 89.8 134.6
77 56.2 35.7 53.5#
79 52.8 35.7 53.5



#18
Hexachloroethane
Concen: 43.42 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF084758.D
Acq: 2 Feb 2016 20:59

Tgt Ion:117 Resp: 213972
Ion Ratio Lower Upper
117 100
119 94.1 77.4 116.0
201 72.9 68.6 103.0

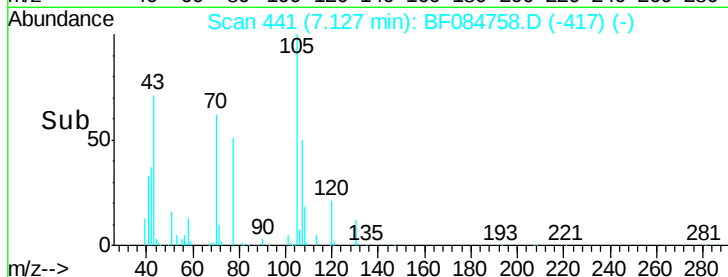
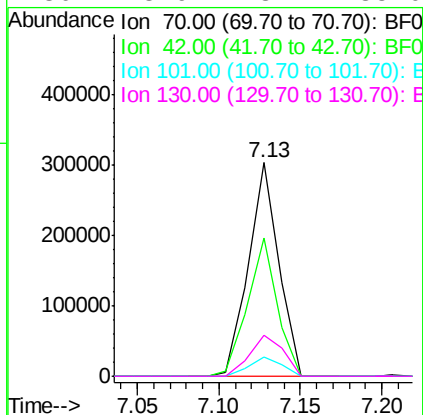
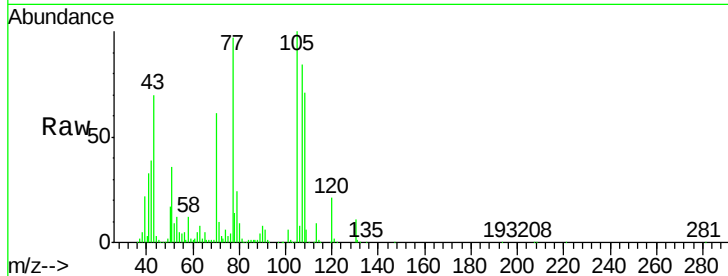




#19
n-Nitroso-di-n-propylamine
Concen: 46.97 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084758.D
Acq: 2 Feb 2016 20:59

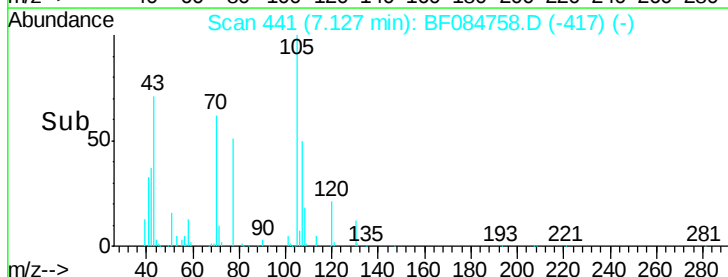
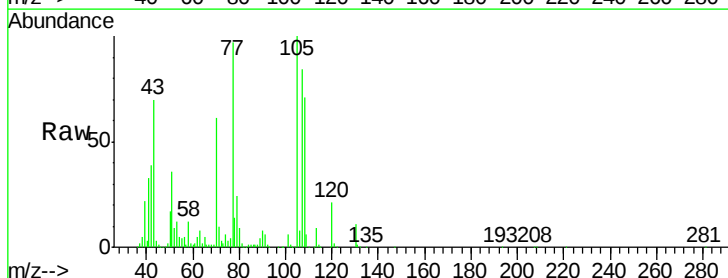
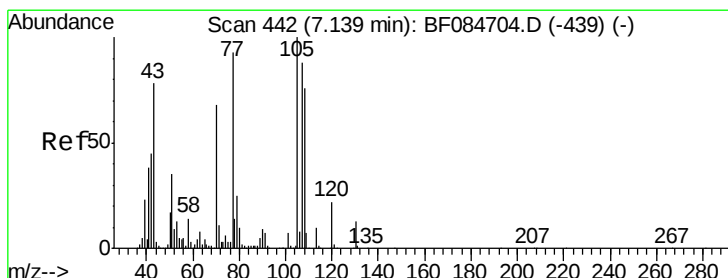
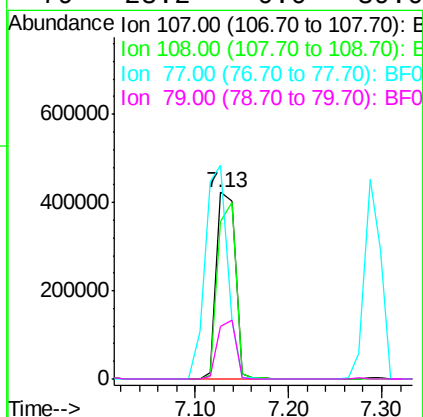
Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MS

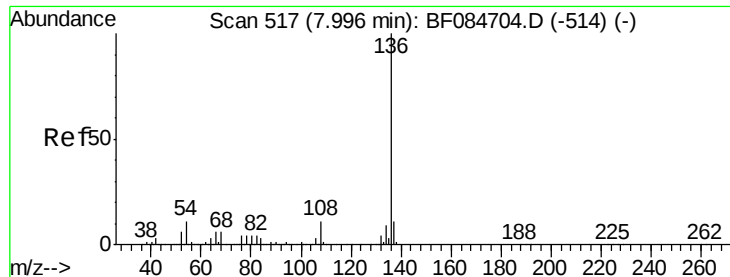
Tgt Ion: 70 Resp: 390688
Ion Ratio Lower Upper
70 100
42 64.6 33.3 49.9#
101 9.2 9.3 13.9#
130 18.9 23.4 35.0#



#20
3+4-Methylphenols
Concen: 49.84 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084758.D
Acq: 2 Feb 2016 20:59

Tgt Ion:107 Resp: 592856
Ion Ratio Lower Upper
107 100
108 84.3 74.6 114.6
77 114.4 0.7 40.7#
79 28.2 0.0 39.0

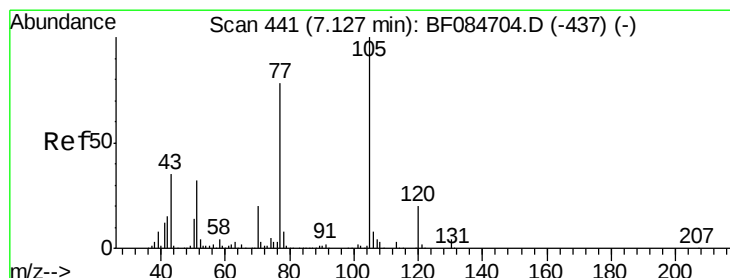
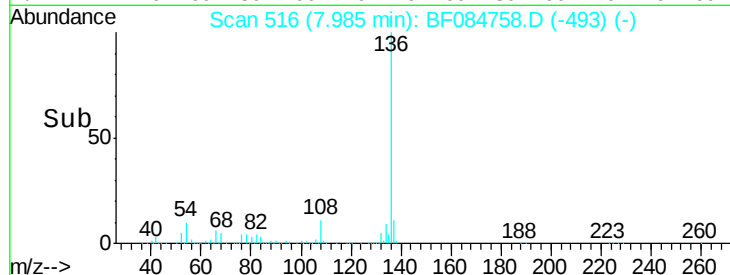
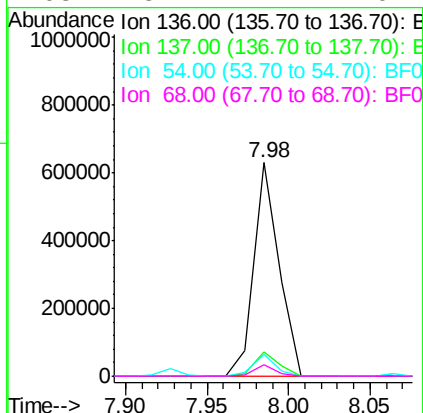
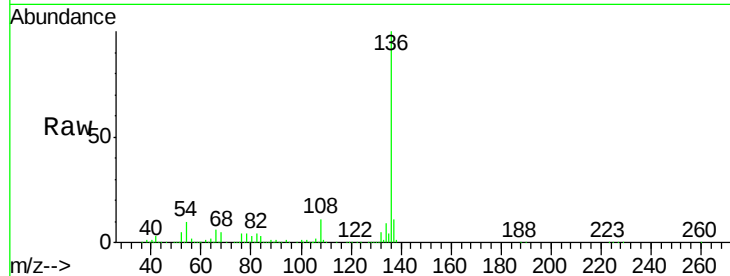




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF084758.D
Acq: 2 Feb 2016 20:59

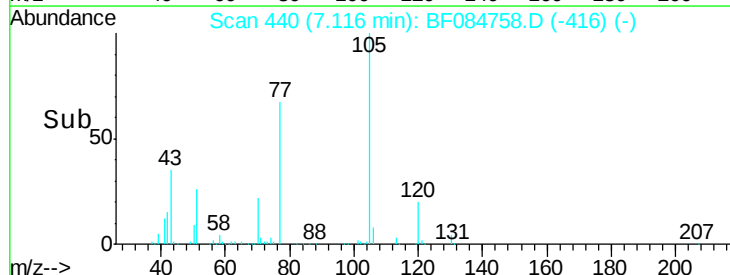
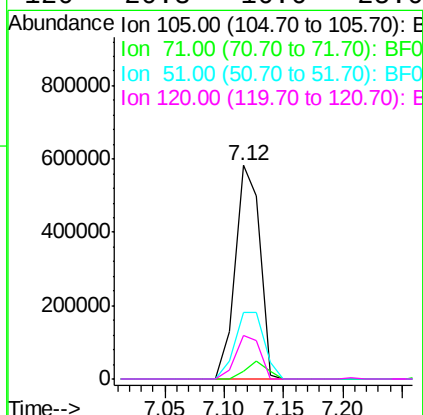
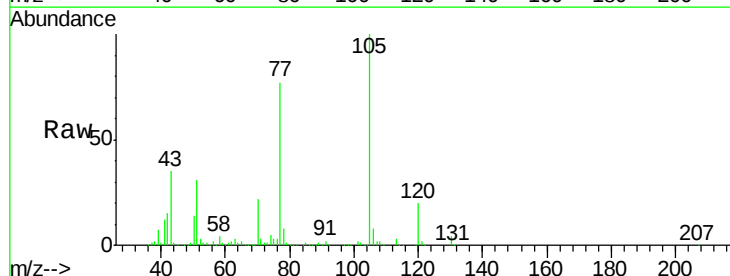
Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MS

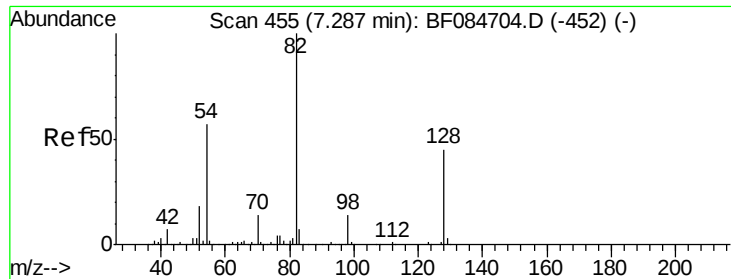
Tgt Ion:	136	Resp:	675830
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.1	5.8	8.8#
68	5.2	4.2	6.2



#22
Acetophenone
Concen: 47.18 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF084758.D
Acq: 2 Feb 2016 20:59

Tgt Ion:	105	Resp:	840382
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.7	5.5#
51	31.1	25.1	37.7
120	20.3	16.6	25.0





#23

Nitrobenzene-d5

Concen: 100.41 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

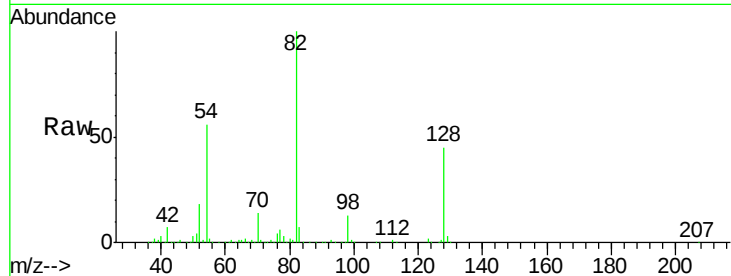
Tgt Ion: 82 Resp: 1204645

Ion Ratio Lower Upper

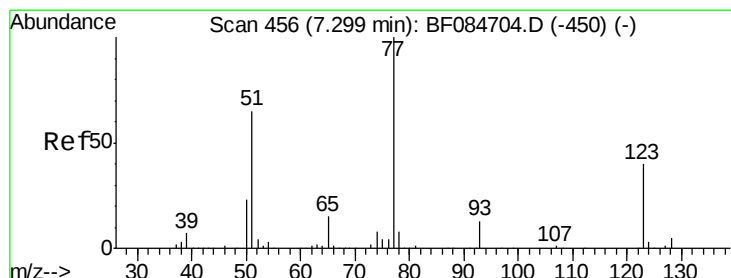
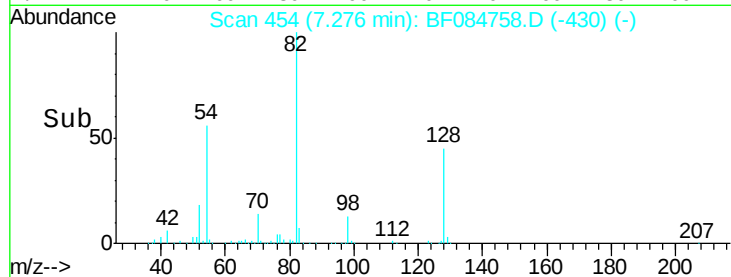
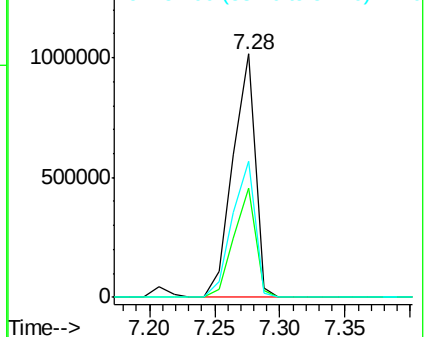
82 100

128 44.8 34.6 51.8

54 55.7 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.37 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

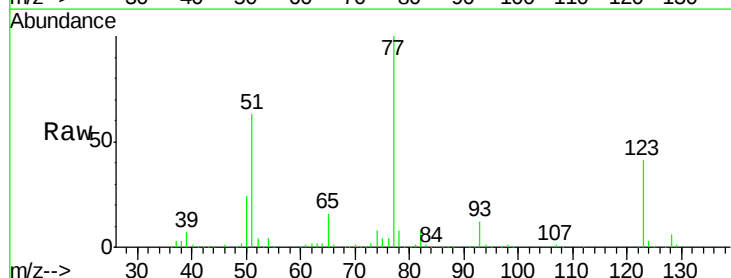
Tgt Ion: 77 Resp: 557170

Ion Ratio Lower Upper

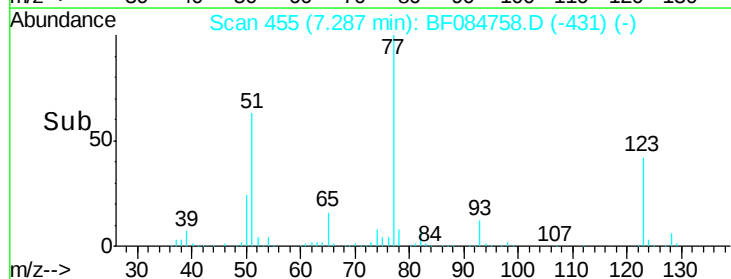
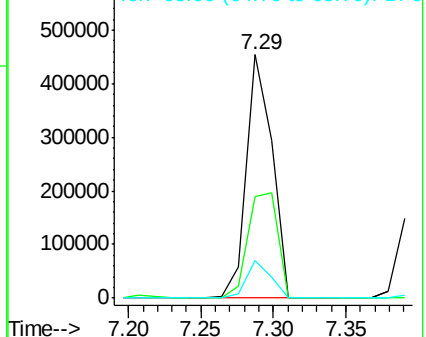
77 100

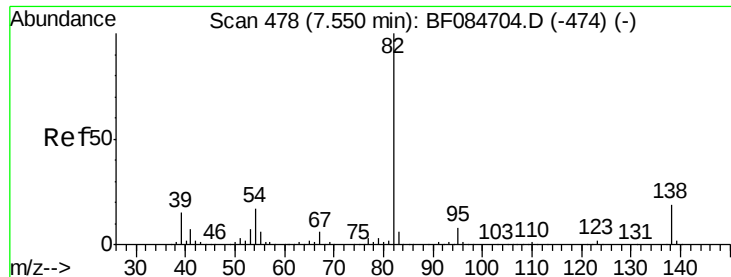
123 41.5 37.4 56.2

65 15.5 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.67 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

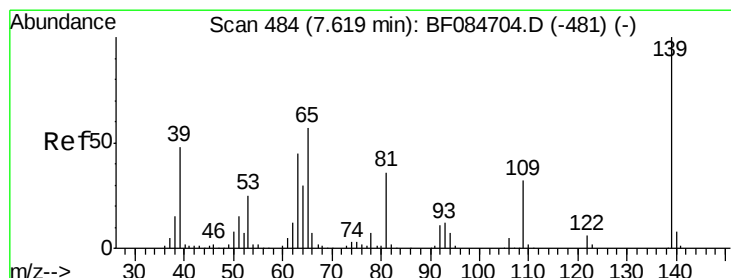
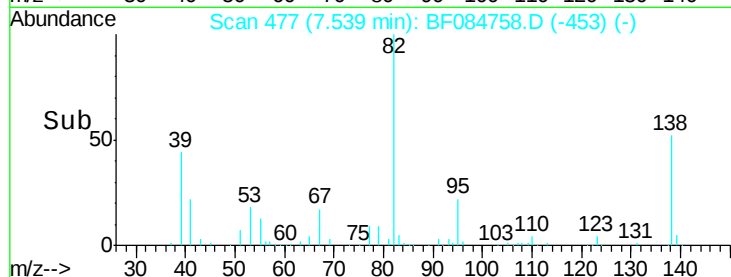
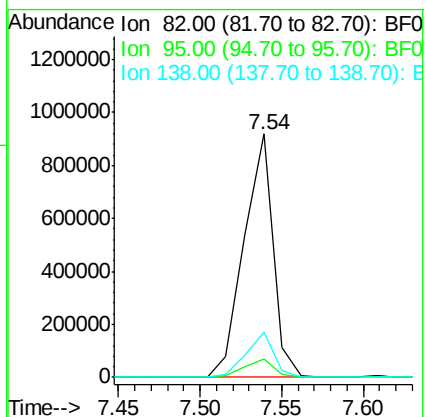
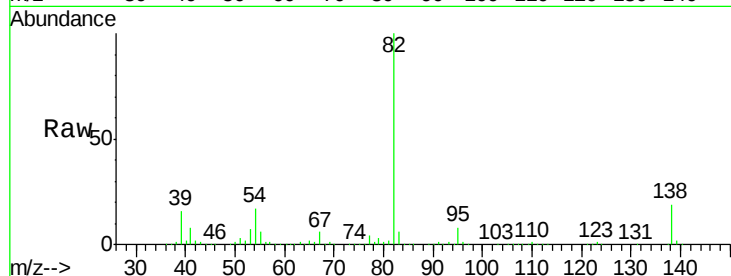
Tgt Ion: 82 Resp: 1135341

Ion Ratio Lower Upper

82 100

95 7.7 6.6 10.0

138 18.5 13.6 20.4



#26

2-Nitrophenol

Concen: 48.03 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

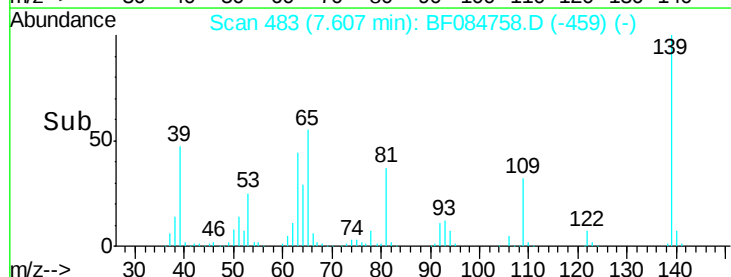
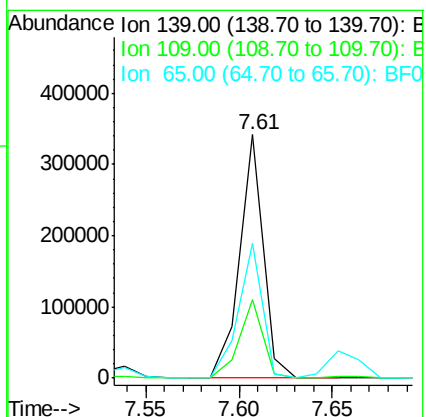
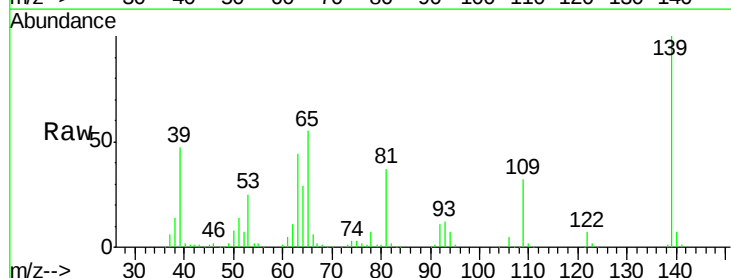
Tgt Ion: 139 Resp: 304305

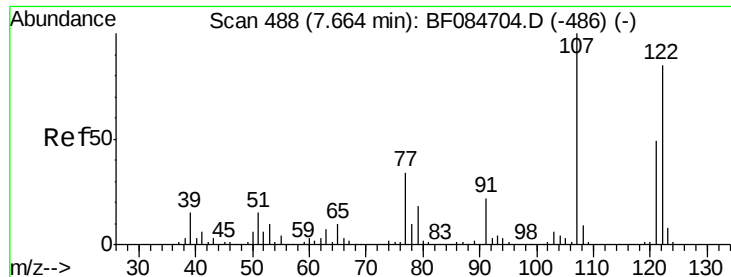
Ion Ratio Lower Upper

139 100

109 32.3 25.4 38.2

65 55.3 32.3 48.5#

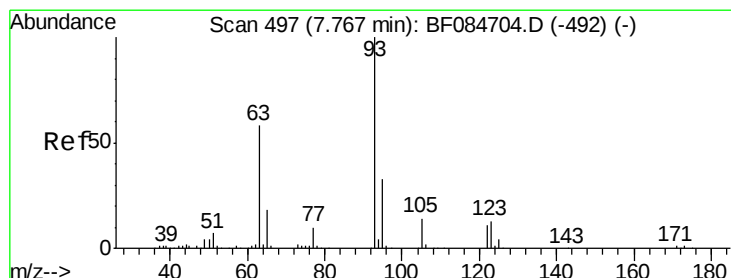
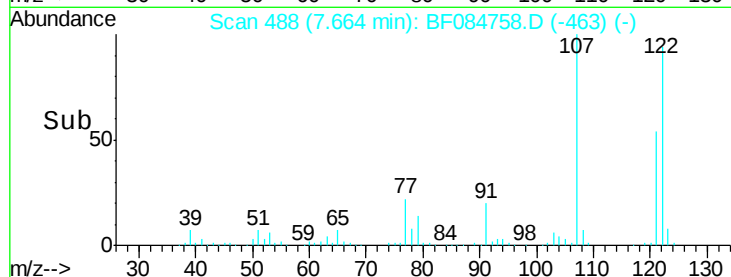
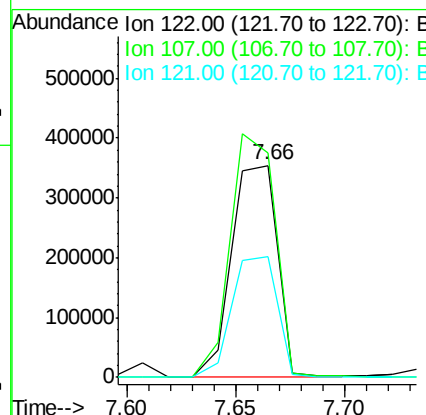
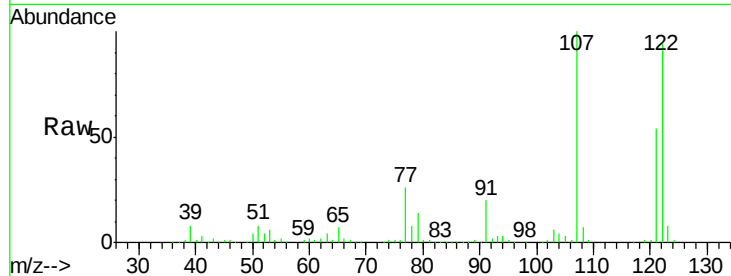




#27
 2,4-Dimethylphenol
 Concen: 47.12 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

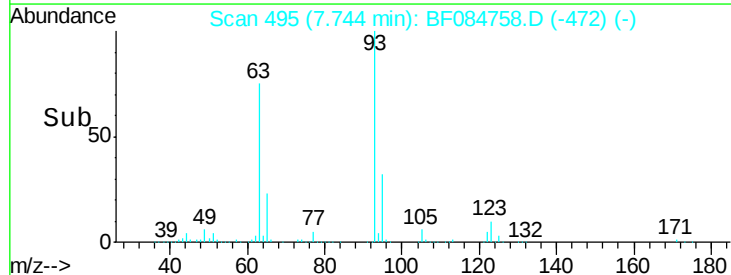
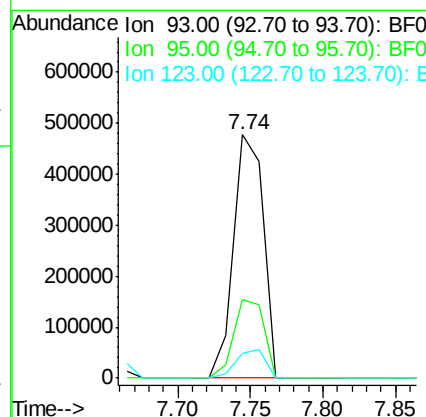
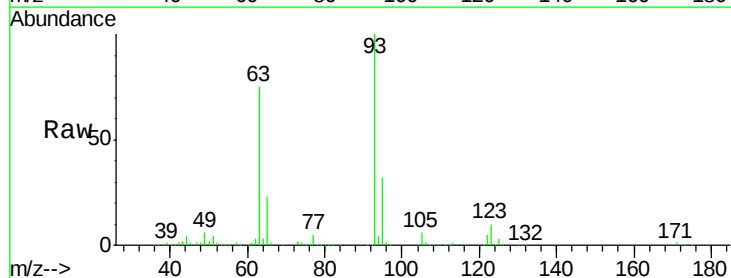
Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MS

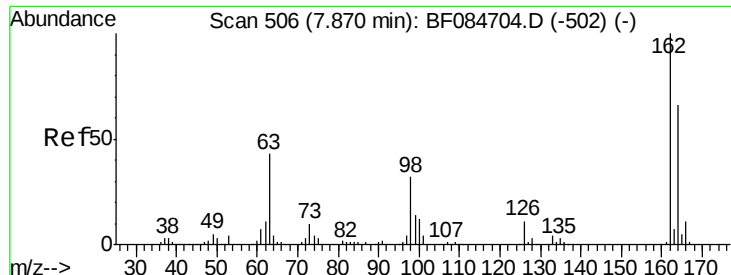
Tgt Ion:122 Resp: 519300
 Ion Ratio Lower Upper
 122 100
 107 106.1 99.1 148.7
 121 56.8 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.01 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Tgt Ion: 93 Resp: 678323
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.8 38.6
 123 10.2 8.6 12.8

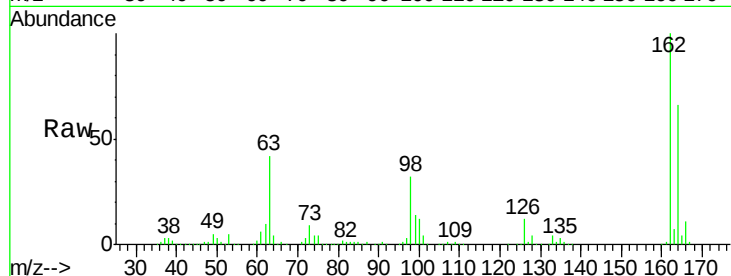




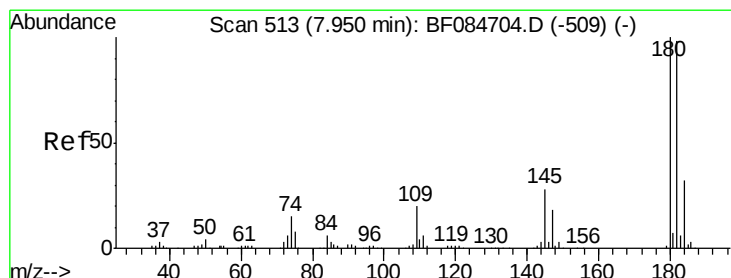
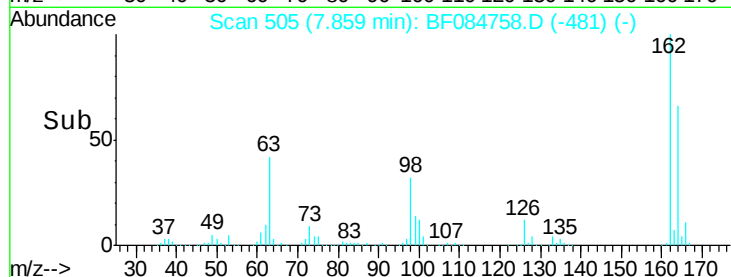
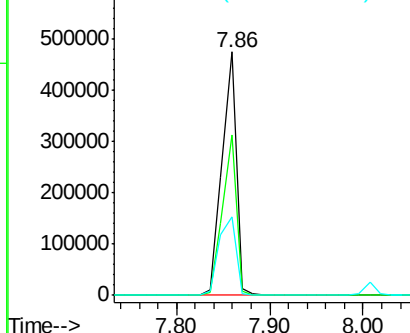
#29
 2,4-Dichlorophenol
 Concen: 53.53 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MS

Tgt Ion:162 Resp: 504766
 Ion Ratio Lower Upper
 162 100
 164 65.8 44.1 84.1
 98 32.5 20.2 60.2

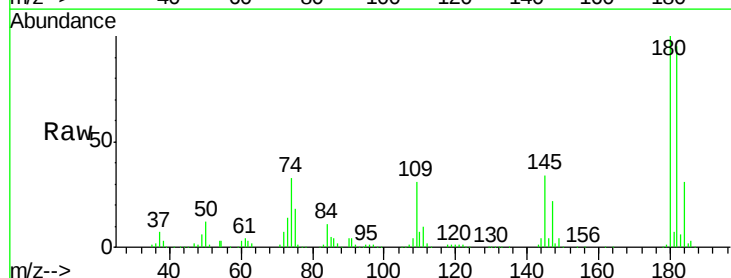


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

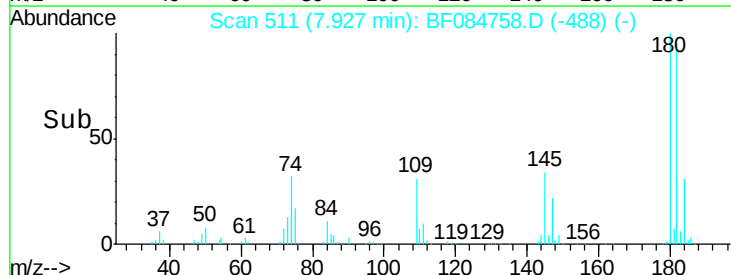
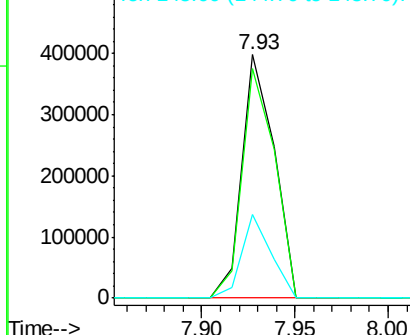


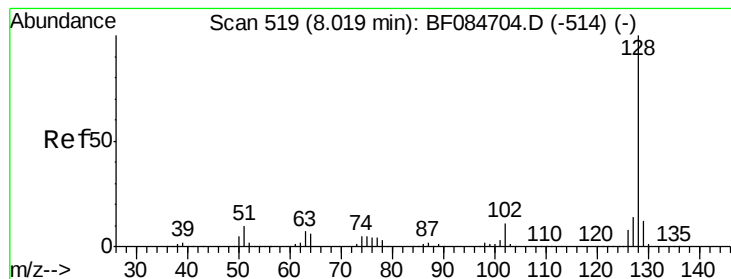
#30
 1,2,4-Trichlorobenzene
 Concen: 44.80 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Tgt Ion:180 Resp: 477181
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.4 114.6
 145 34.3 31.6 47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.65 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

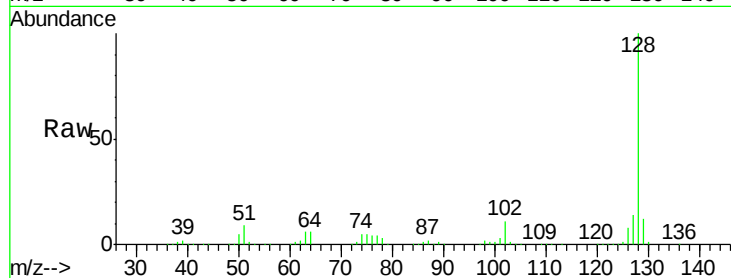
Tgt Ion:128 Resp: 1479701

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

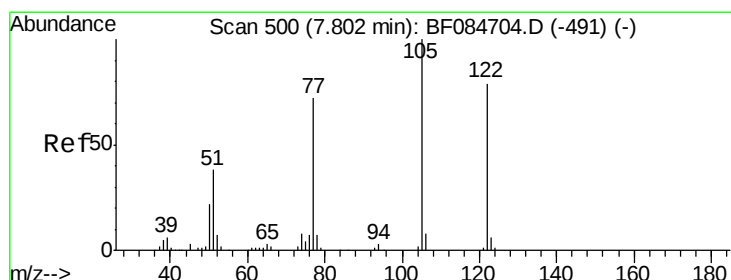
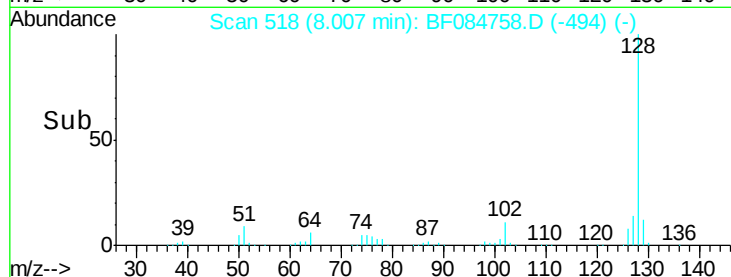
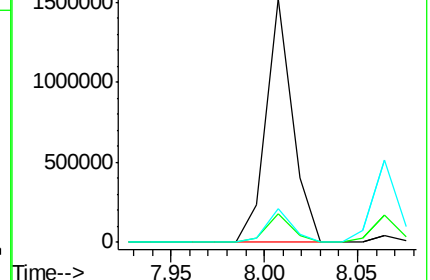
127 14.0 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.05 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.07 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

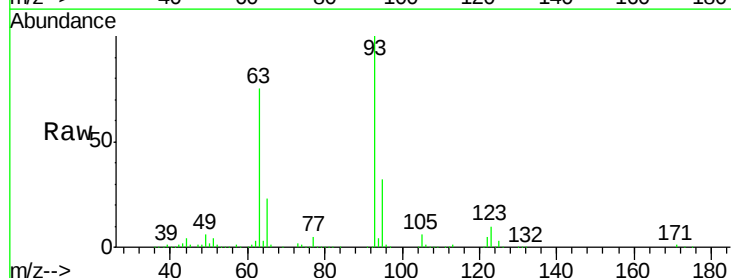
Tgt Ion:122 Resp: 49691

Ion Ratio Lower Upper

122 100

105 136.8 100.3 140.3

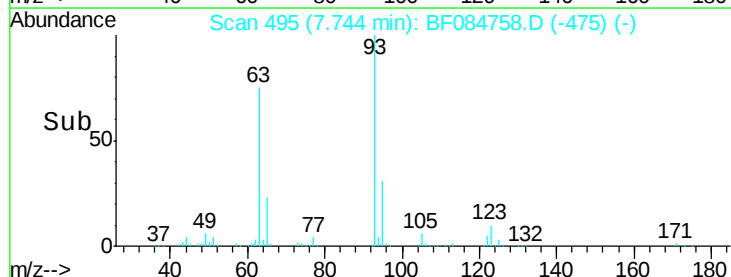
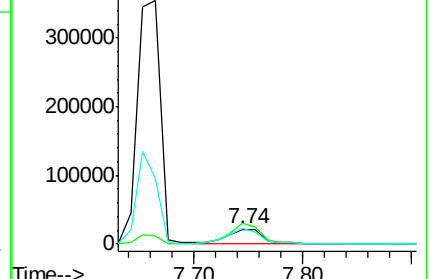
77 103.7 63.5 103.5#

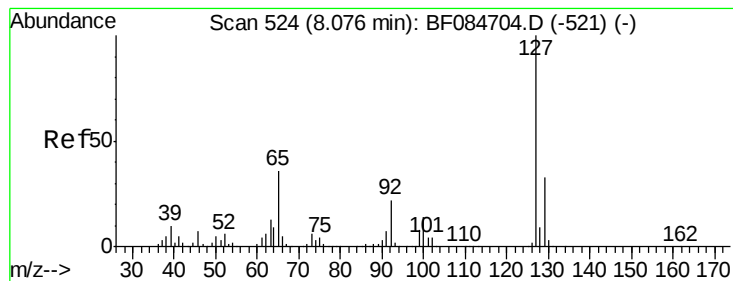


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 35.41 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

Tgt Ion:127 Resp: 496428

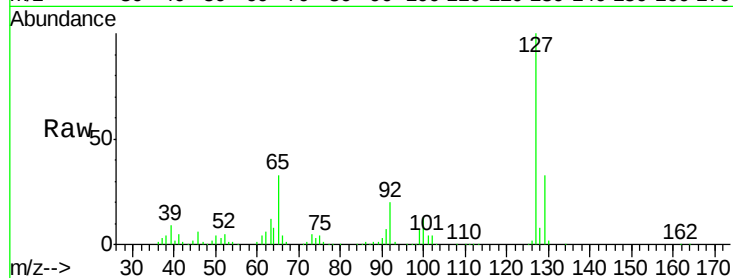
Ion Ratio Lower Upper

127 100

129 33.1 26.5 39.7

65 32.5 27.2 40.8

92 20.3 17.7 26.5

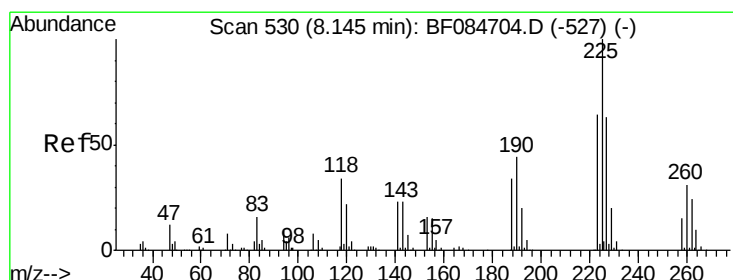
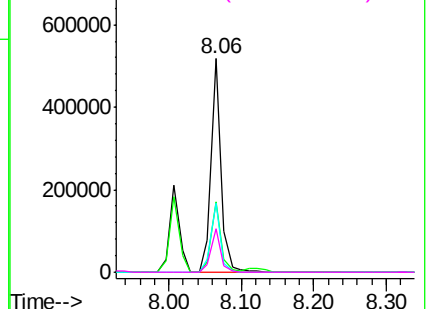
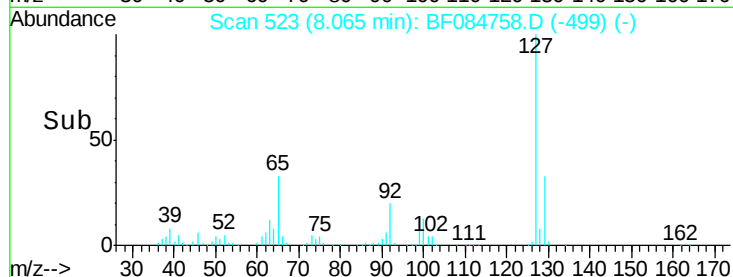


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 47.54 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

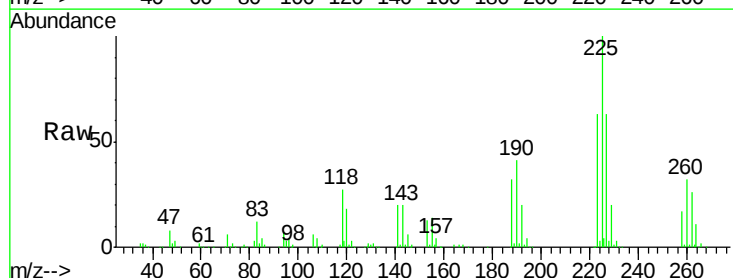
Tgt Ion:225 Resp: 291988

Ion Ratio Lower Upper

225 100

223 63.1 49.4 74.0

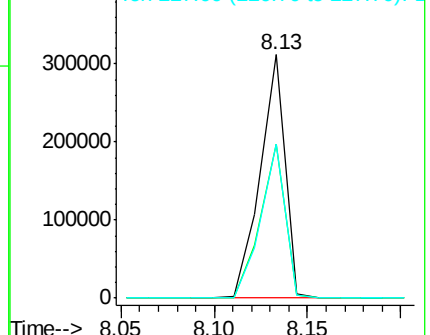
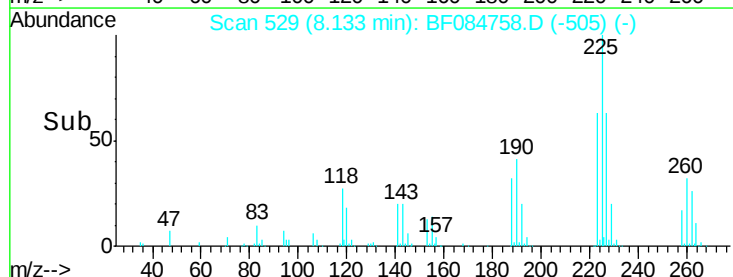
227 63.0 50.8 76.2

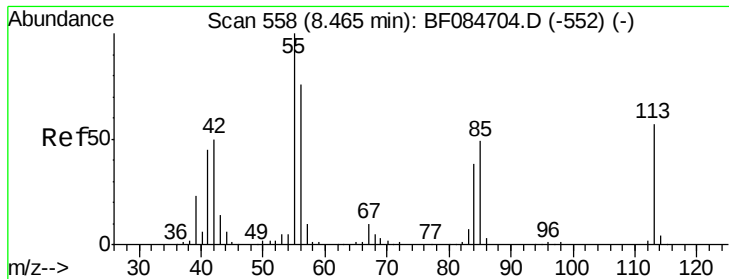


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.21 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

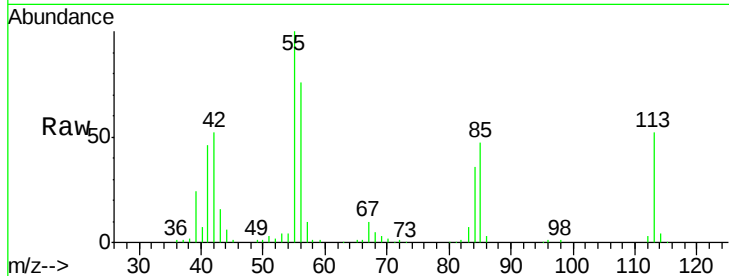
Tgt Ion:113 Resp: 93633

Ion Ratio Lower Upper

113 100

55 191.0 116.9 156.9#

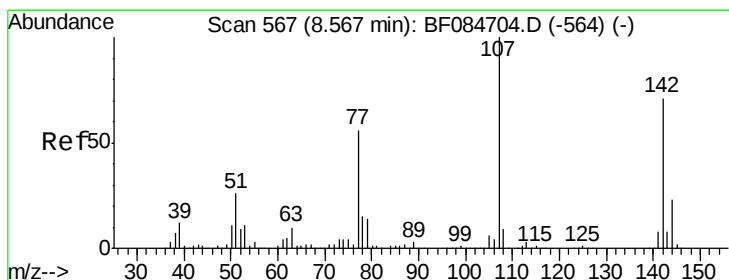
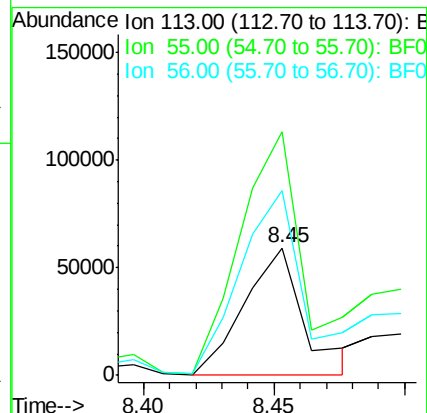
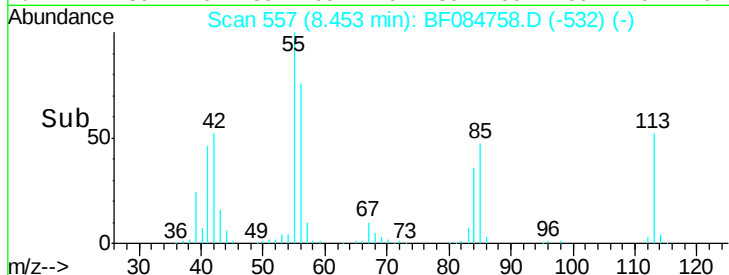
56 144.5 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 54.62 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

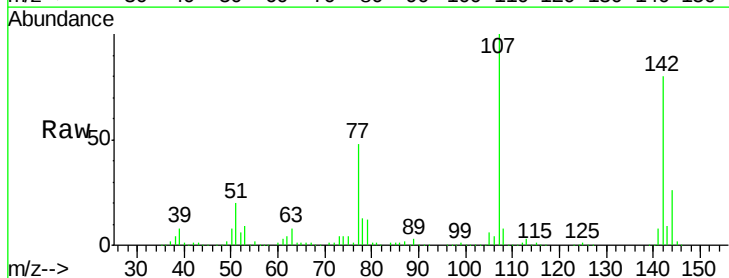
Tgt Ion:107 Resp: 587609

Ion Ratio Lower Upper

107 100

144 25.7 19.7 29.5

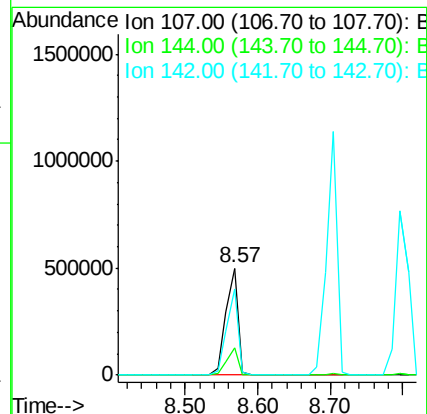
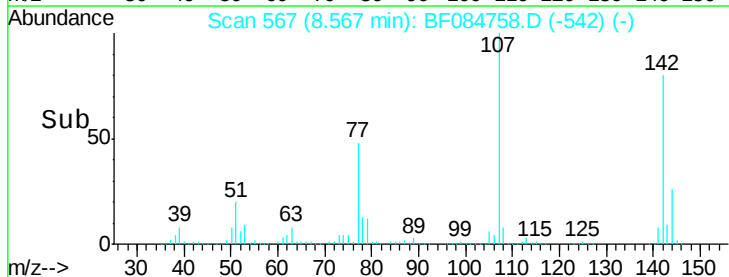
142 80.1 61.8 92.6

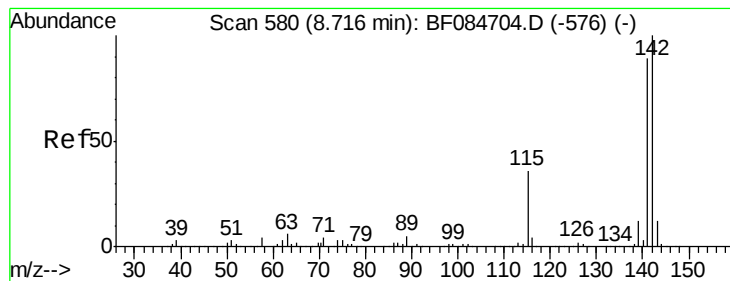


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.98 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

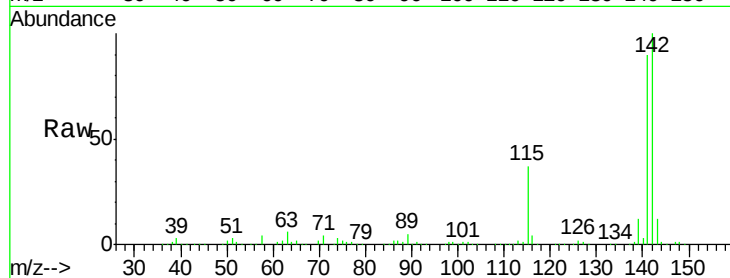
Tgt Ion:142 Resp: 1145319

Ion Ratio Lower Upper

142 100

141 89.6 72.4 108.6

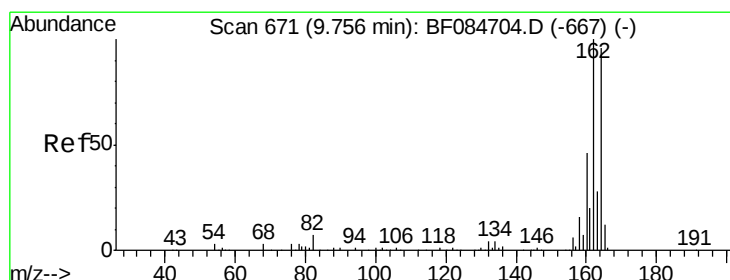
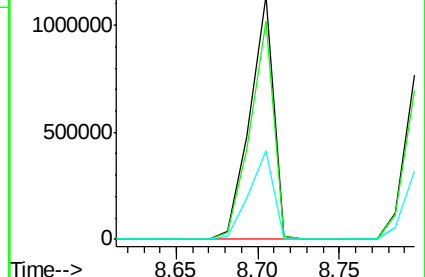
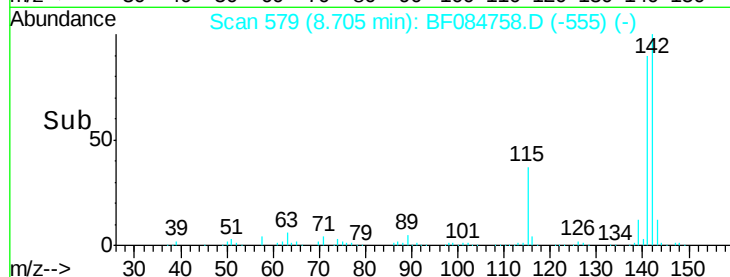
115 36.7 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

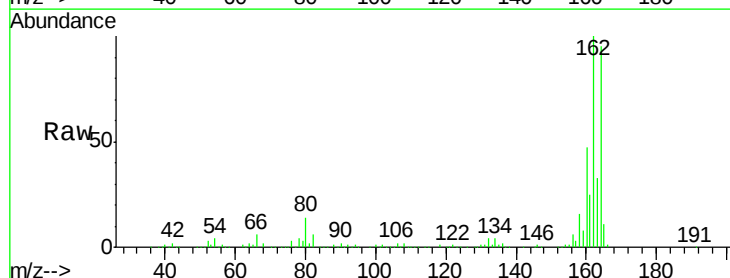
Tgt Ion:164 Resp: 326700

Ion Ratio Lower Upper

164 100

162 104.7 85.1 127.7

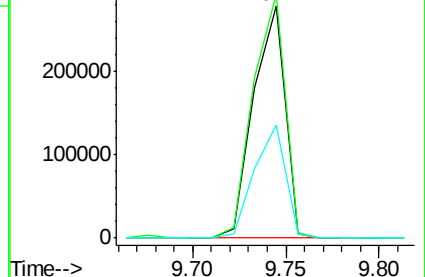
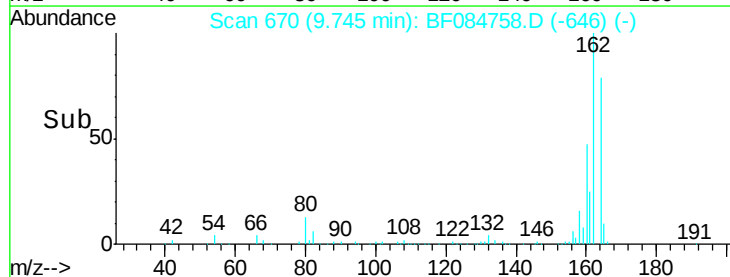
160 48.8 37.5 56.3

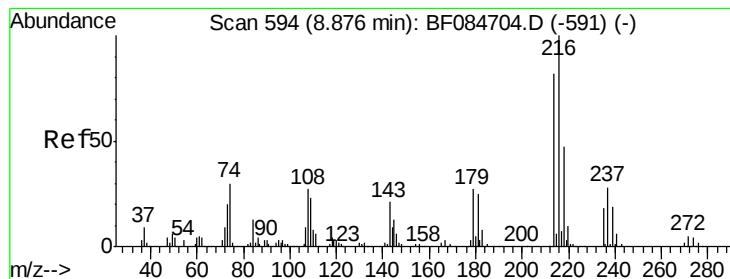


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.69 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

Tgt Ion:216 Resp: 442982

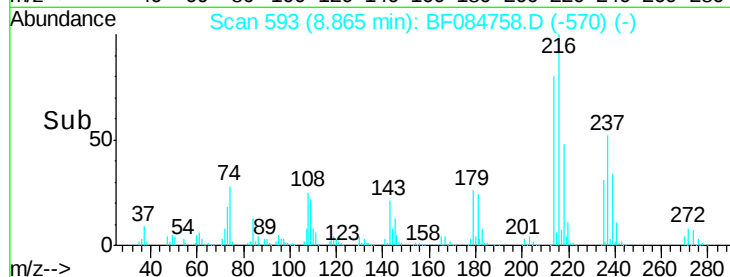
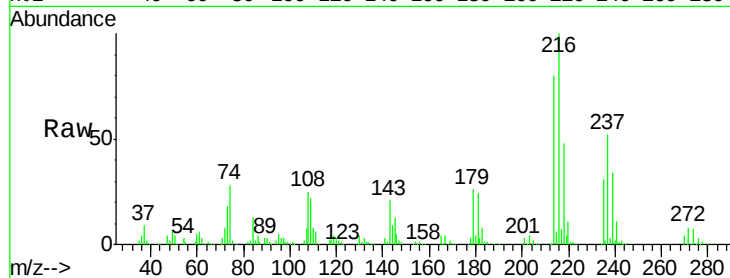
Ion Ratio Lower Upper

216 100

214 78.5 64.2 96.2

179 22.5 18.7 28.1

108 21.5 16.8 25.2

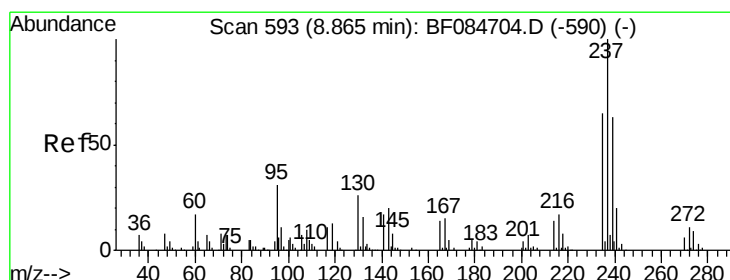
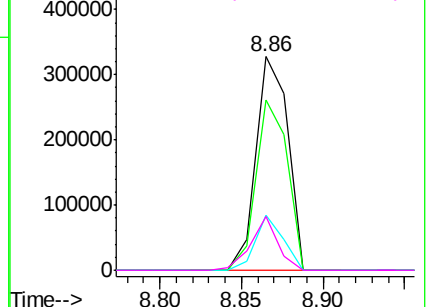


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 89.03 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

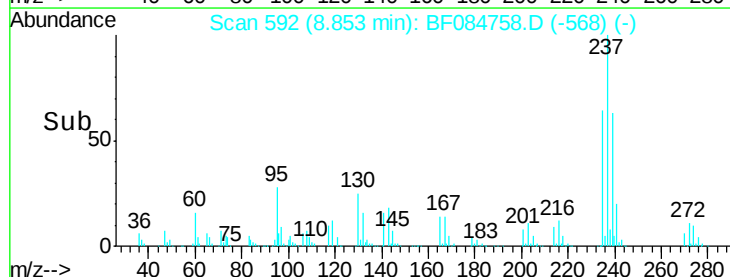
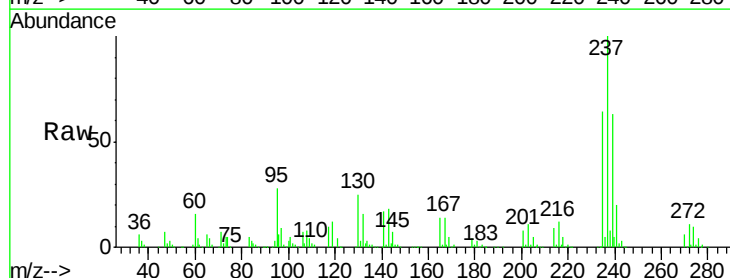
Tgt Ion:237 Resp: 426549

Ion Ratio Lower Upper

237 100

235 63.6 43.1 83.1

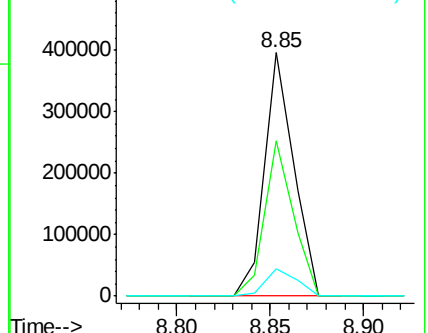
272 11.4 0.0 35.1

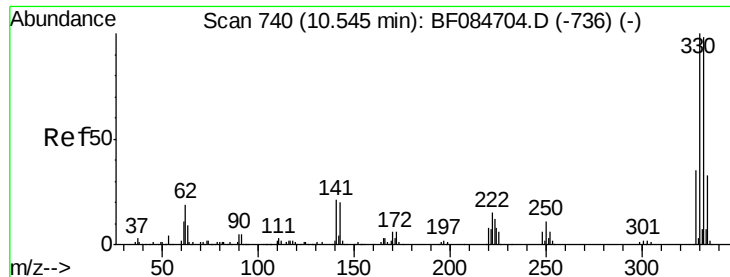


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

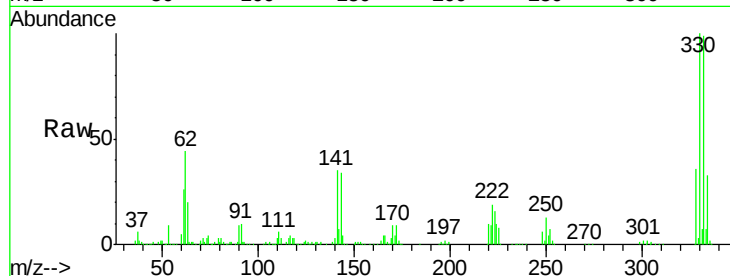




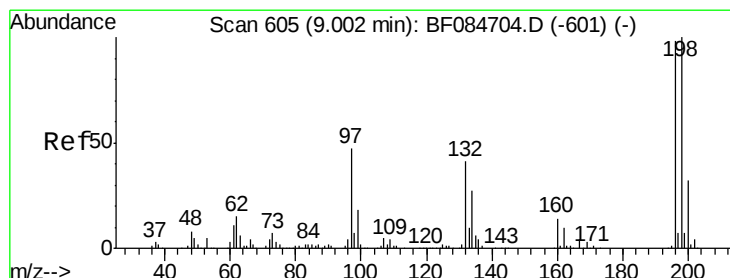
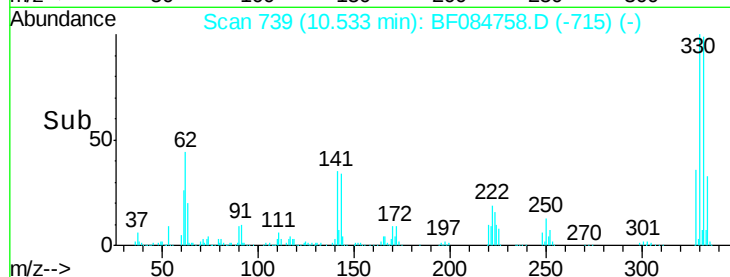
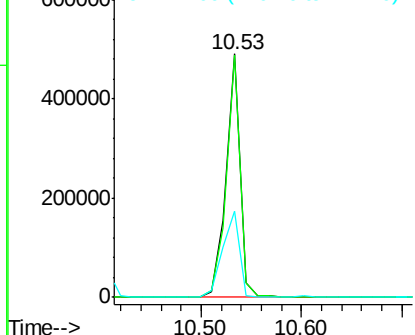
#41
 2,4,6-Tribromophenol
 Concen: 141.22 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MS

Tgt Ion:330 Resp: 481260
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 41.5 27.8 41.6

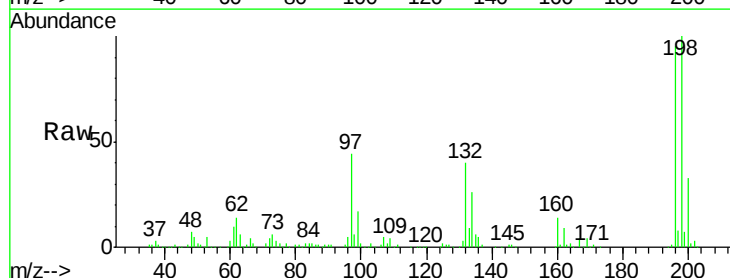


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

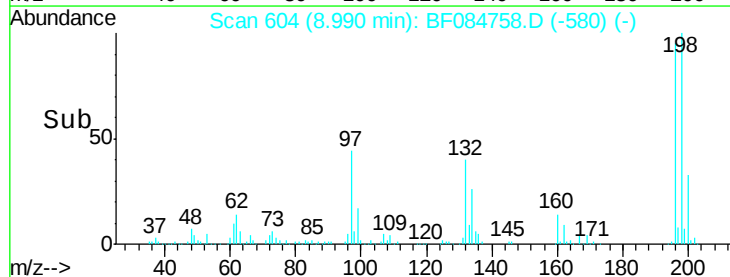
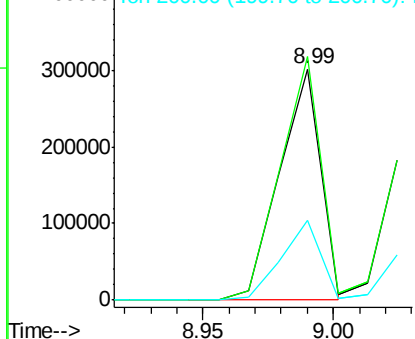


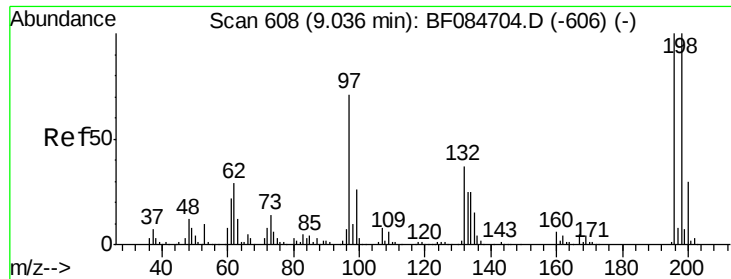
#42
 2,4,6-Trichlorophenol
 Concen: 49.44 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Tgt Ion:196 Resp: 330451
 Ion Ratio Lower Upper
 196 100
 198 105.3 77.7 116.5
 200 34.4 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

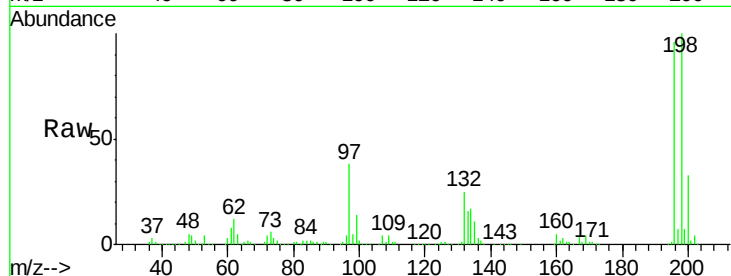




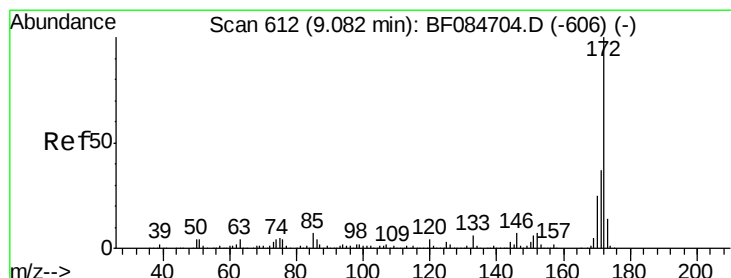
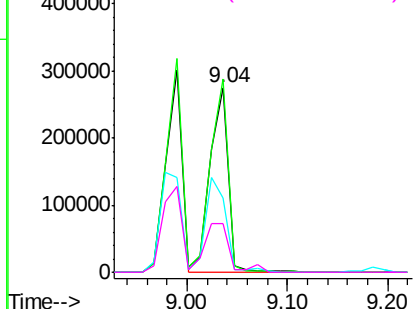
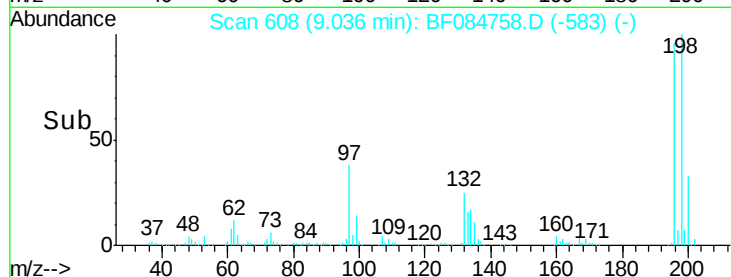
#43
 2,4,5-Trichlorophenol
 Concen: 50.31 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MS

Tgt Ion:196 Resp: 341732
 Ion Ratio Lower Upper
 196 100
 198 104.6 79.0 118.6
 97 39.9 33.0 49.6
 132 26.3 21.1 31.7

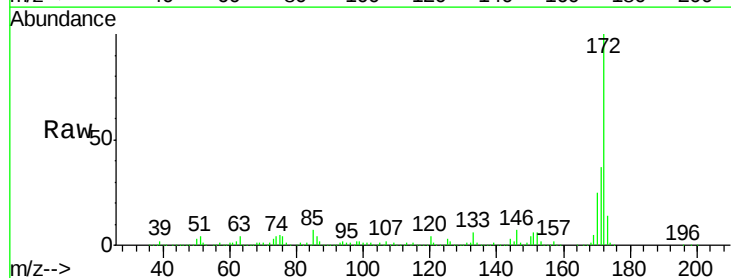


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

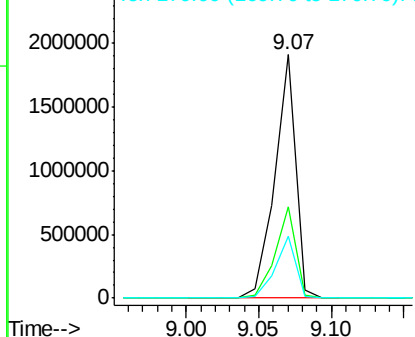
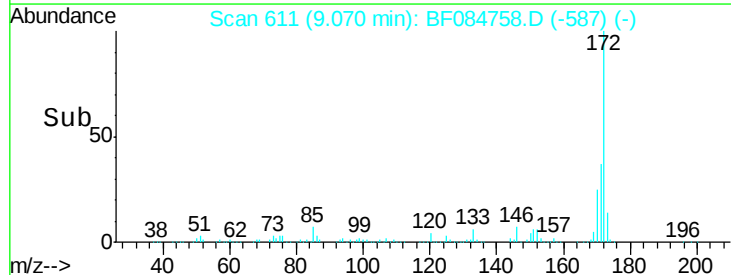


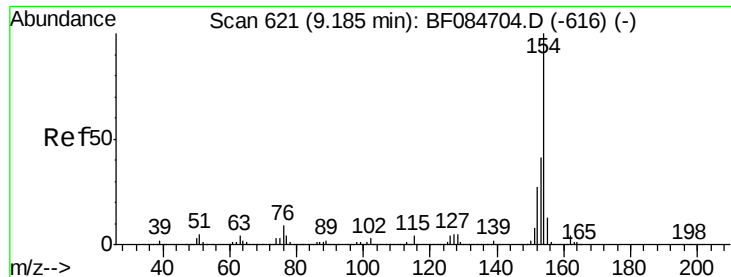
#44
 2-Fluorobiphenyl
 Concen: 108.76 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Tgt Ion:172 Resp: 1912801
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.9 43.3
 170 25.5 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.39 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

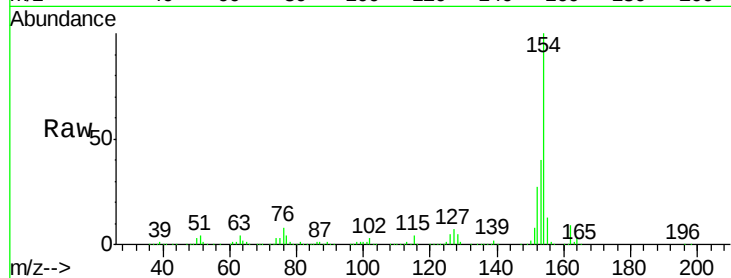
Tgt Ion:154 Resp: 1324455

Ion Ratio Lower Upper

154 100

153 40.0 21.6 61.6

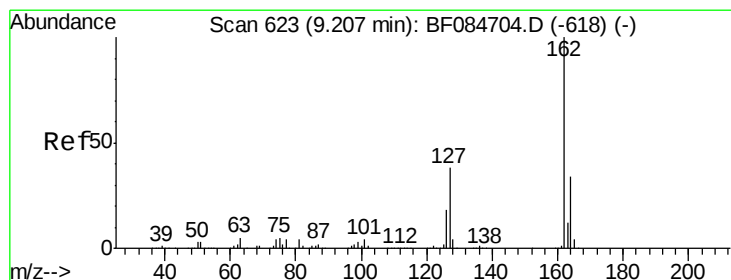
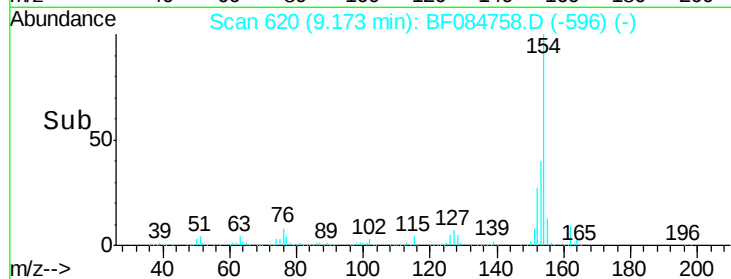
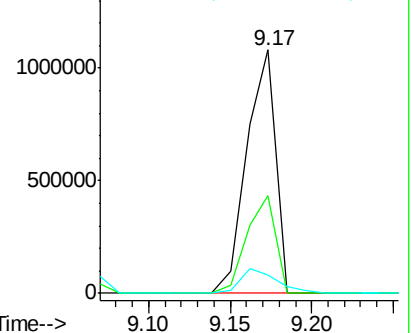
76 7.6 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.10 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.03 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

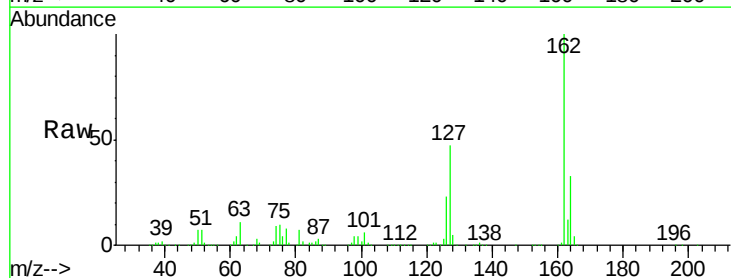
Tgt Ion:162 Resp: 969090

Ion Ratio Lower Upper

162 100

127 47.3 40.2 60.4

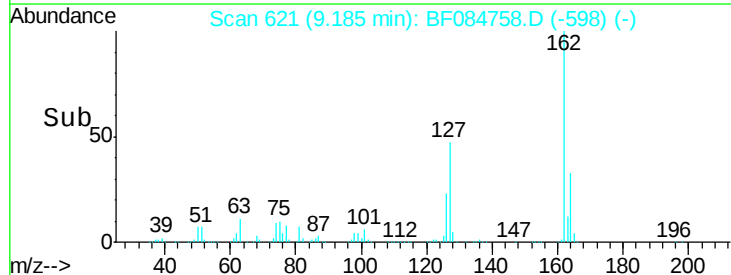
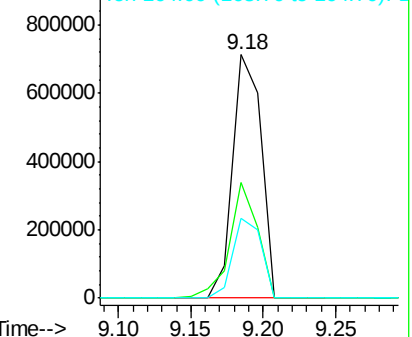
164 32.8 25.7 38.5

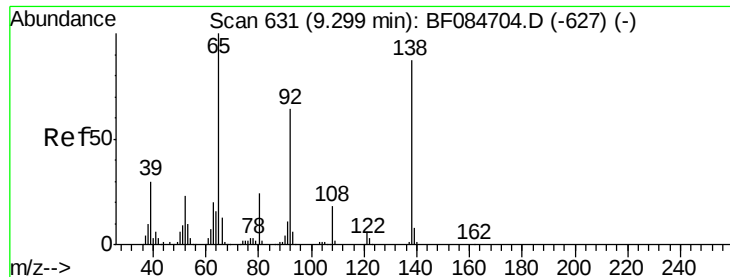


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.69 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

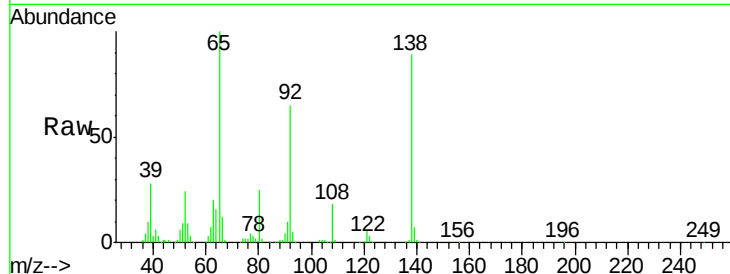
Tgt Ion: 65 Resp: 324534

Ion Ratio Lower Upper

65 100

92 65.5 53.4 80.2

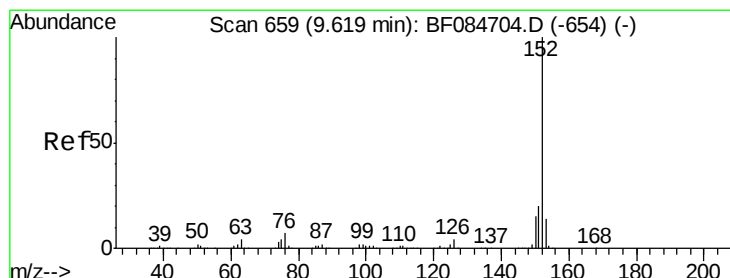
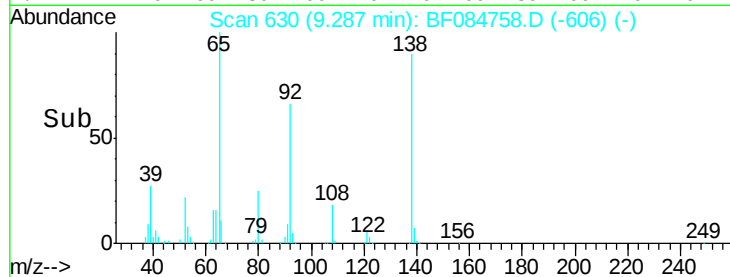
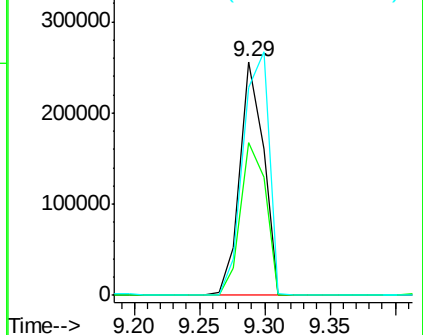
138 88.9 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 47.82 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

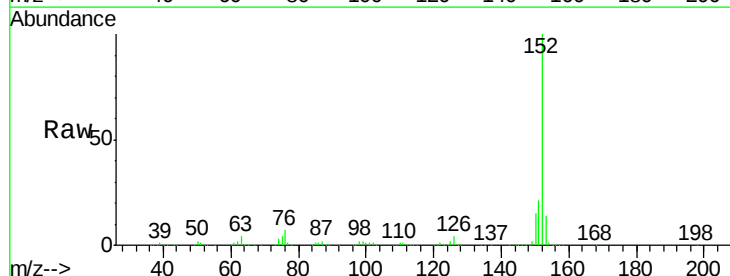
Tgt Ion:152 Resp: 1559504

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

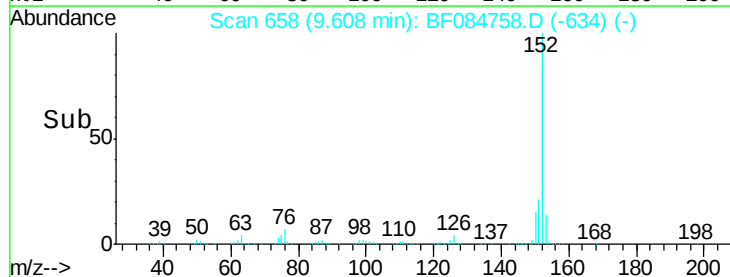
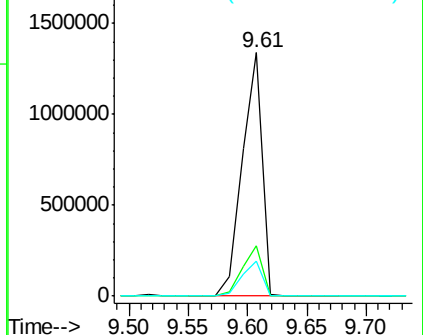
153 14.2 10.4 15.6

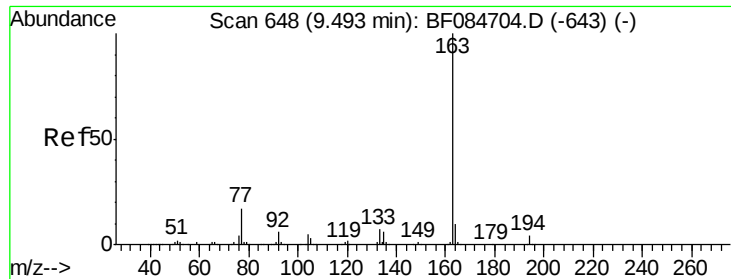


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 56.36 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

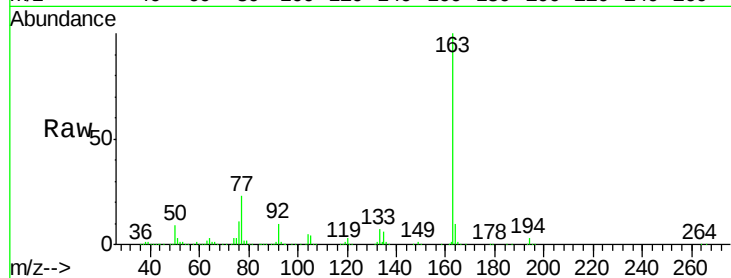
Tgt Ion:163 Resp: 1402490

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

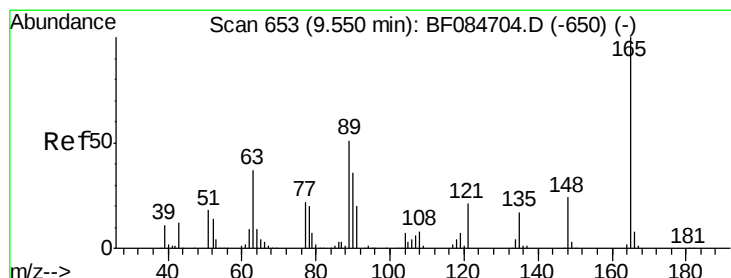
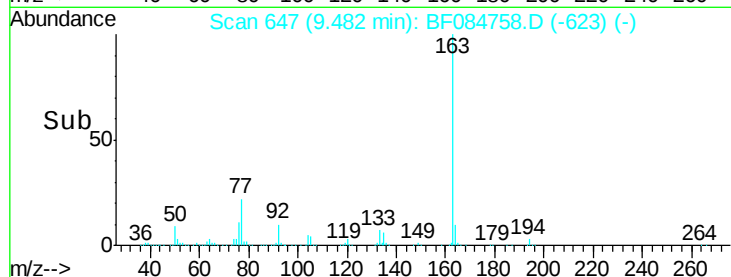
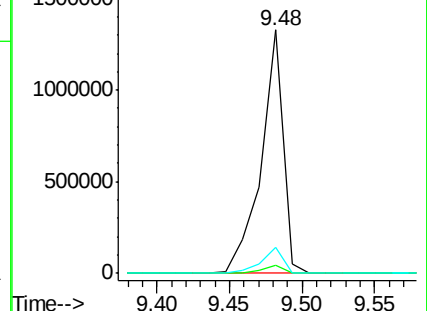
164 10.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.86 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

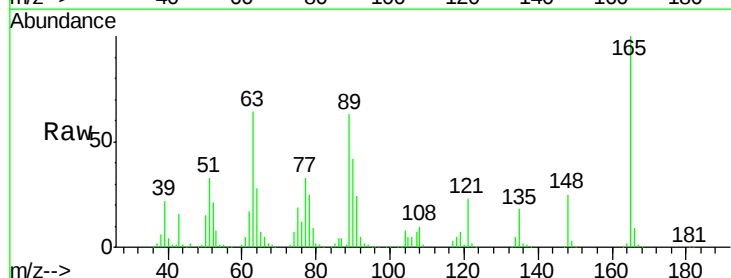
Tgt Ion:165 Resp: 265601

Ion Ratio Lower Upper

165 100

63 64.5 28.8 43.2#

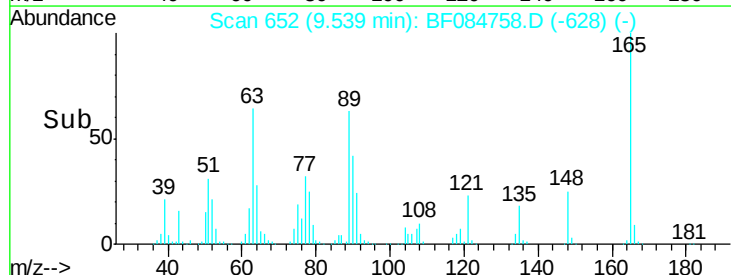
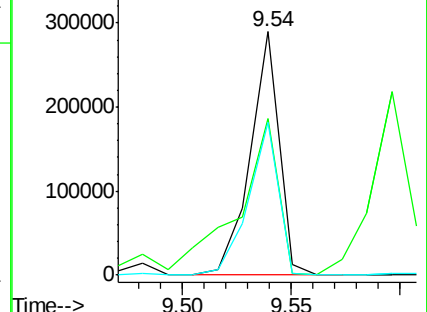
89 62.7 35.1 52.7#

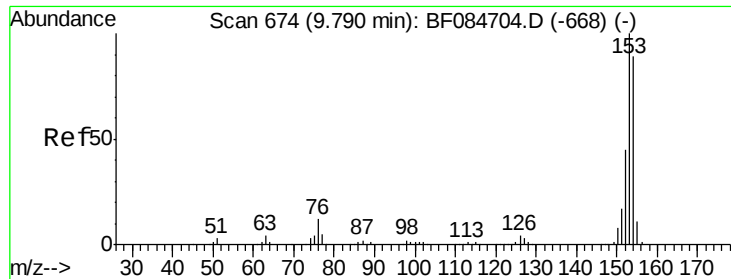


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.25 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

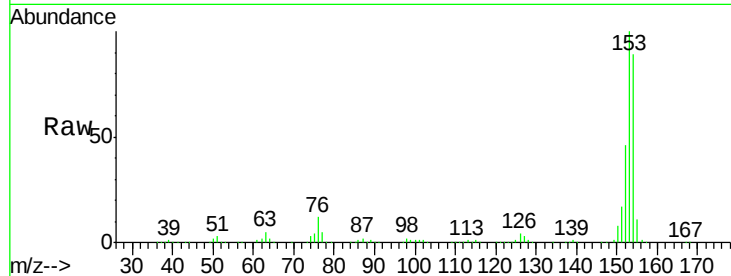
Tgt Ion:154 Resp: 1023609

Ion Ratio Lower Upper

154 100

153 112.0 91.5 137.3

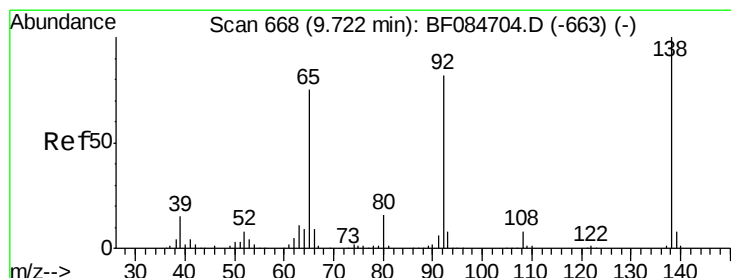
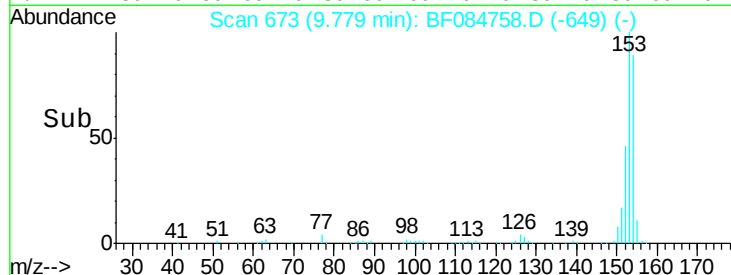
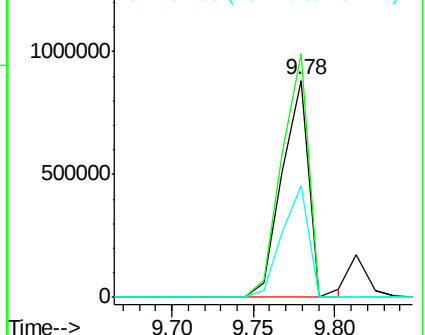
152 51.6 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.44 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

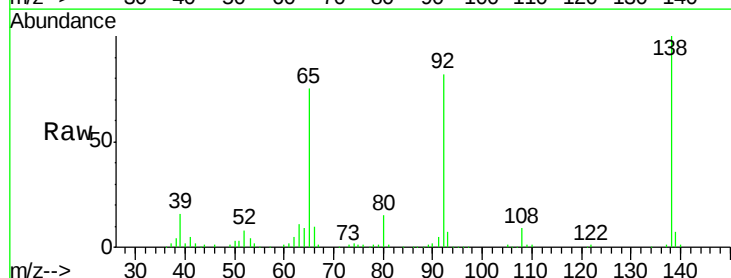
Tgt Ion:138 Resp: 234823

Ion Ratio Lower Upper

138 100

108 9.0 10.5 15.7#

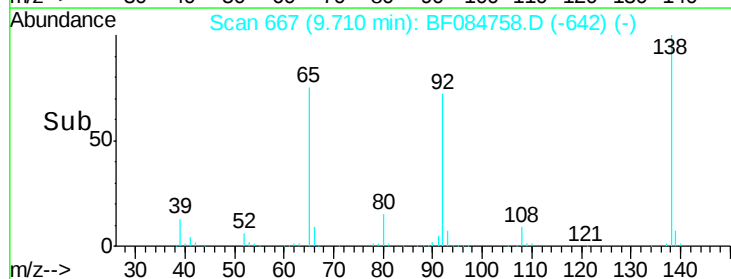
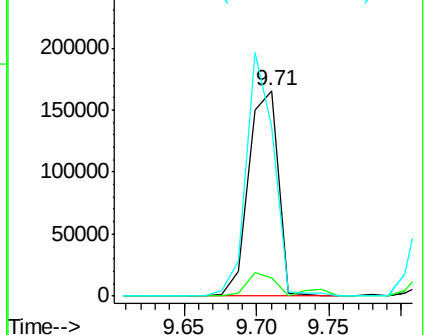
92 82.1 103.9 155.9#

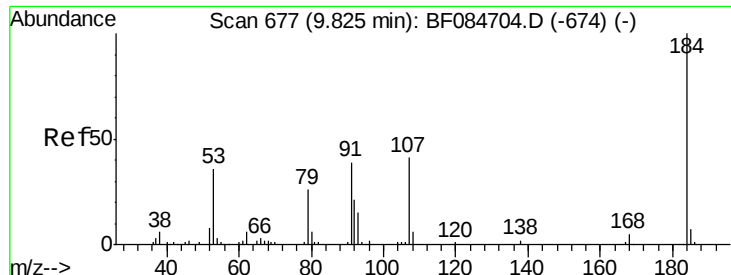


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

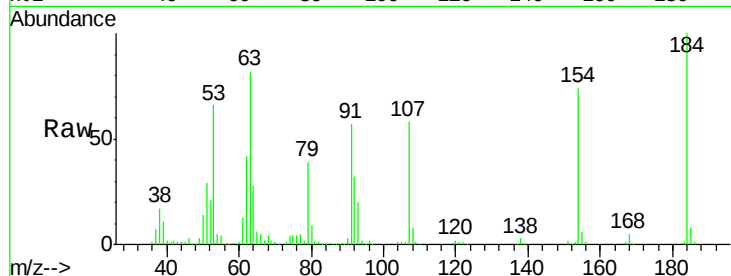




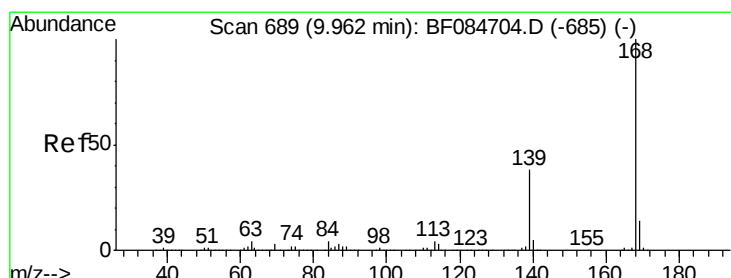
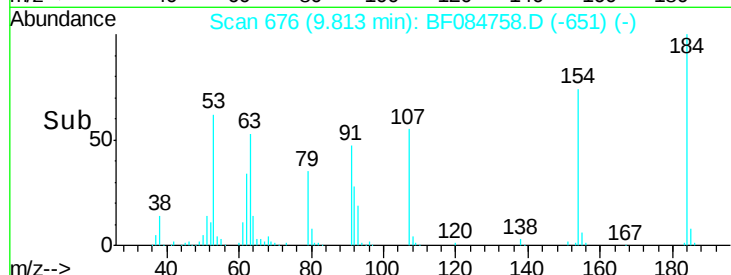
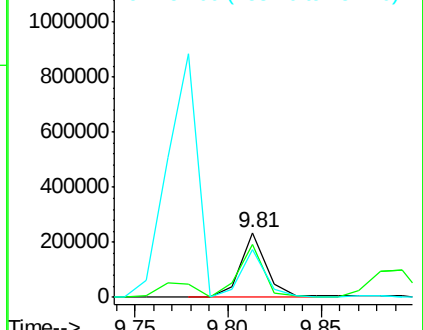
#53
 2,4-Dinitrophenol
 Concen: 91.44 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MS

Tgt Ion:184 Resp: 231648
 Ion Ratio Lower Upper
 184 100
 63 82.3 43.1 64.7#
 154 73.6 60.5 90.7

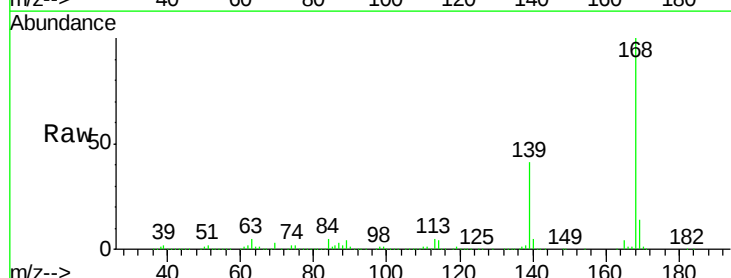


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

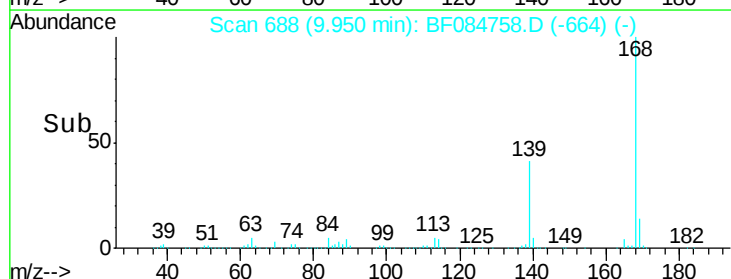
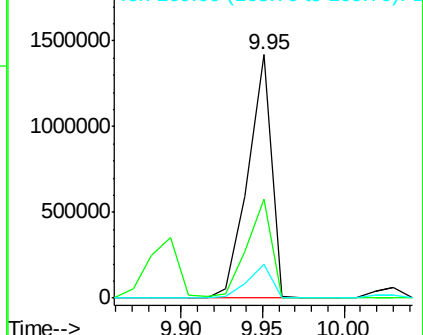


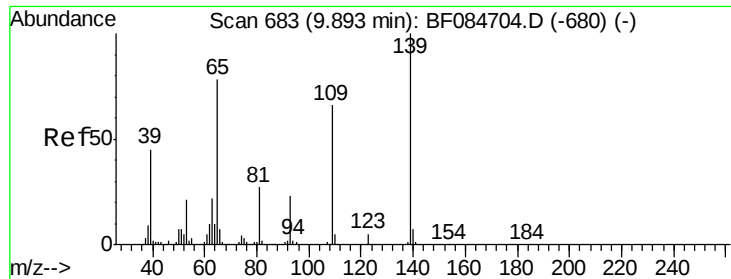
#54
 Dibenzofuran
 Concen: 54.94 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Tgt Ion:168 Resp: 1424697
 Ion Ratio Lower Upper
 168 100
 139 40.6 30.5 45.7
 169 13.7 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

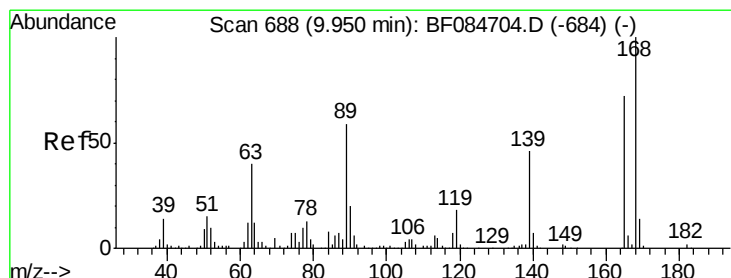
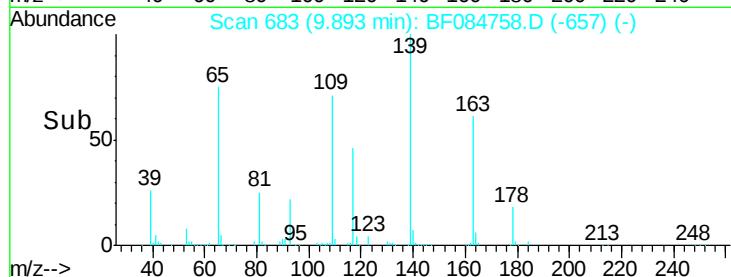
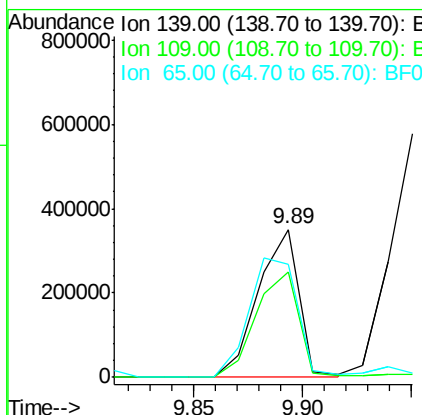
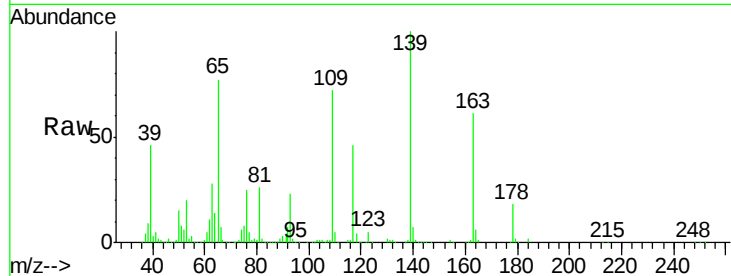




#55
 4-Nitrophenol
 Concen: 102.84 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

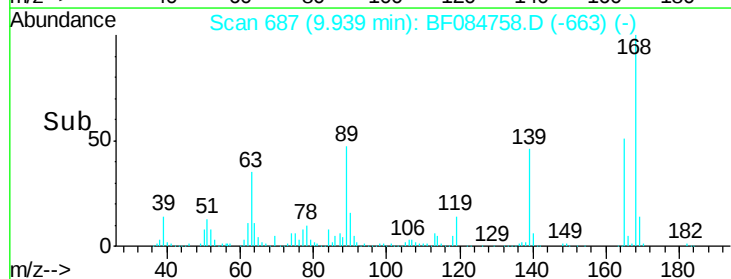
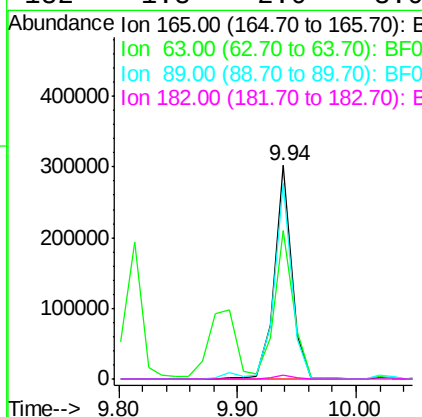
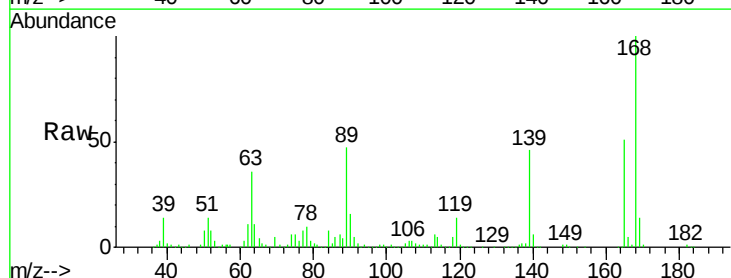
Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MS

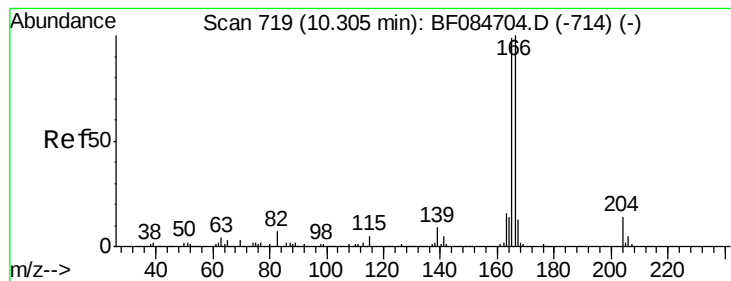
Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.6	58.5	98.5
65	77.0	57.6	97.6



#56
 2,4-Dinitrotoluene
 Concen: 44.34 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.4	36.7	55.1#
89	91.5	61.9	92.9
182	1.8	2.0	3.0#





#57

Fluorene

Concen: 50.29 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

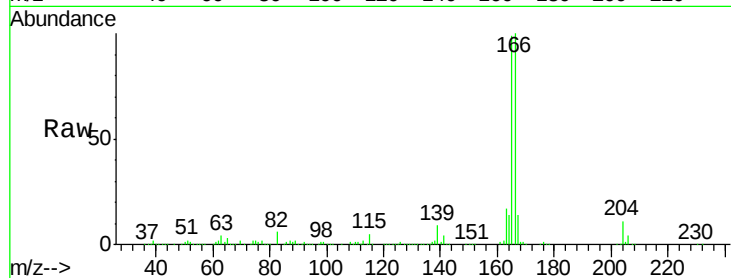
Tgt Ion:166 Resp: 1088914

Ion Ratio Lower Upper

166 100

165 98.9 79.1 118.7

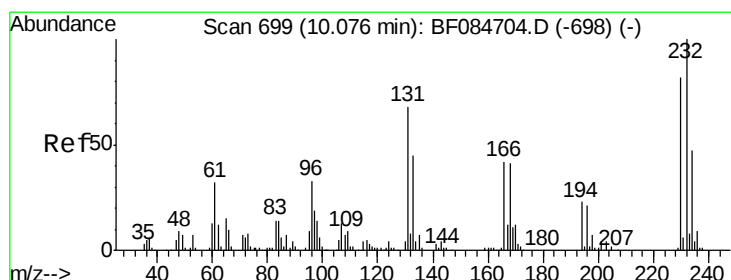
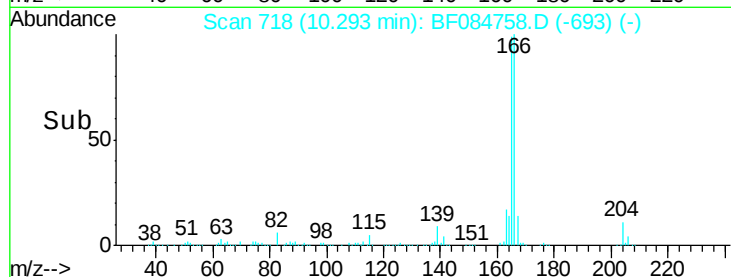
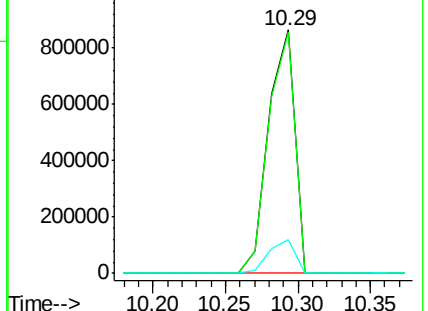
167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.86 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Tgt Ion:232 Resp: 268144

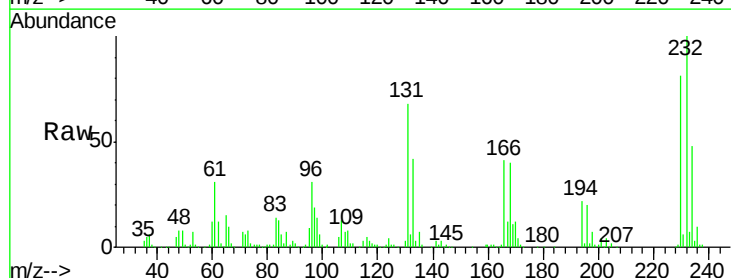
Ion Ratio Lower Upper

232 100

131 52.6 47.0 70.6

130 2.5 2.0 3.0

166 33.1 30.5 45.7

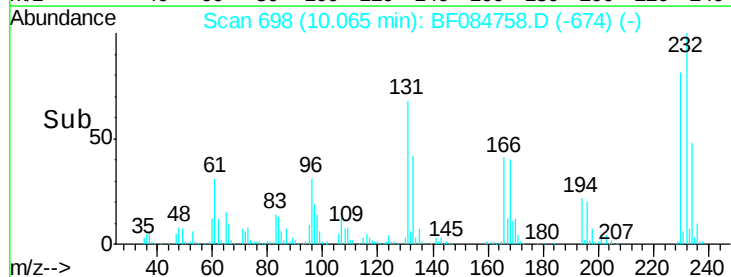
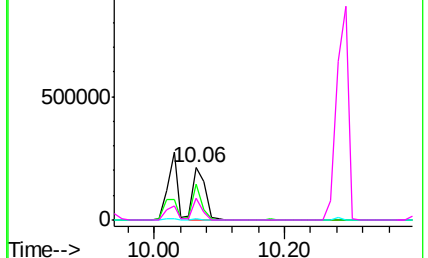


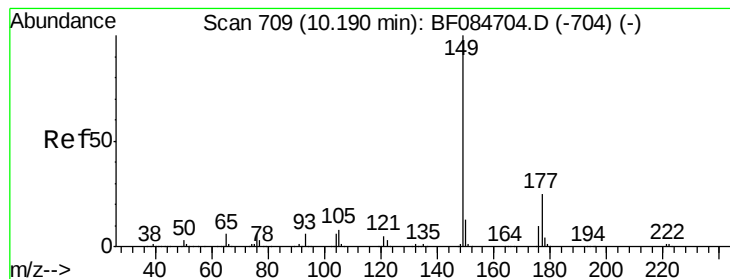
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 51.06 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

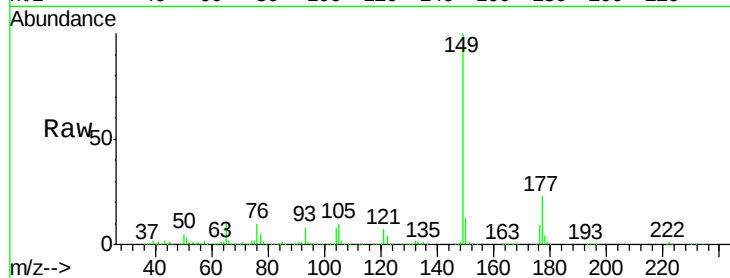
Tgt Ion:149 Resp: 1240695

Ion Ratio Lower Upper

149 100

177 22.6 17.3 25.9

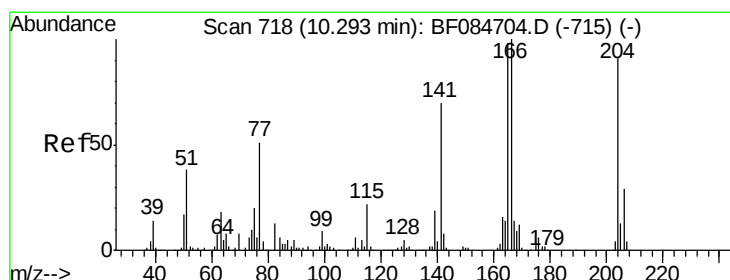
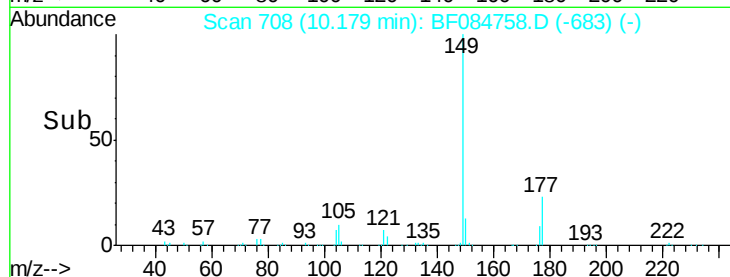
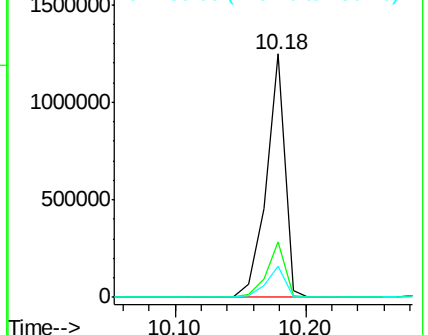
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.94 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

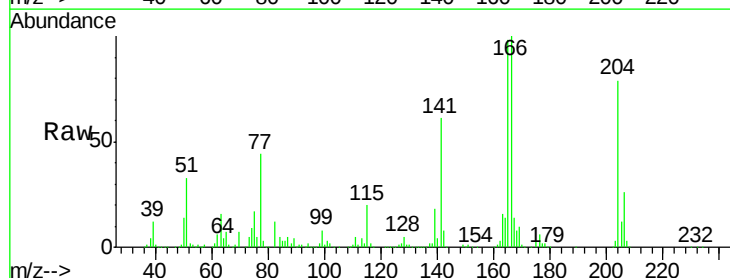
Tgt Ion:204 Resp: 447053

Ion Ratio Lower Upper

204 100

206 33.5 25.7 38.5

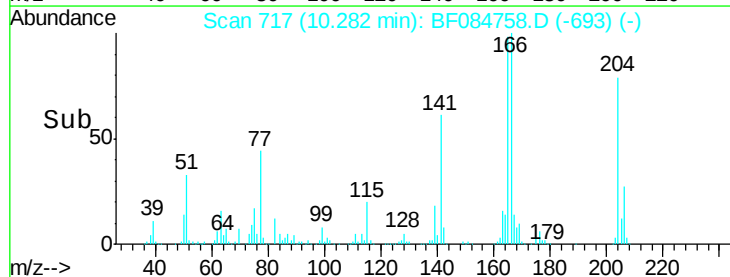
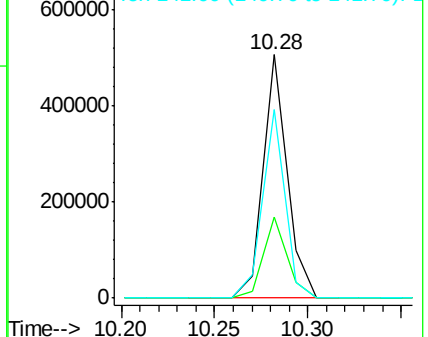
141 77.5 55.1 82.7

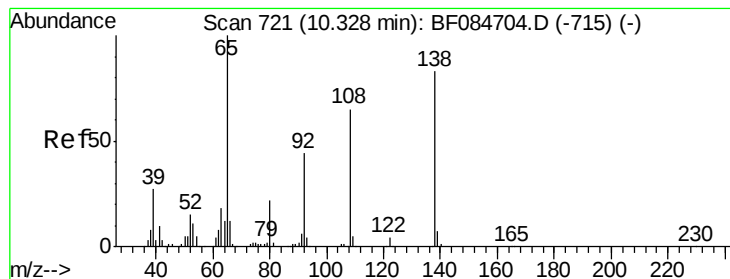


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 53.39 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

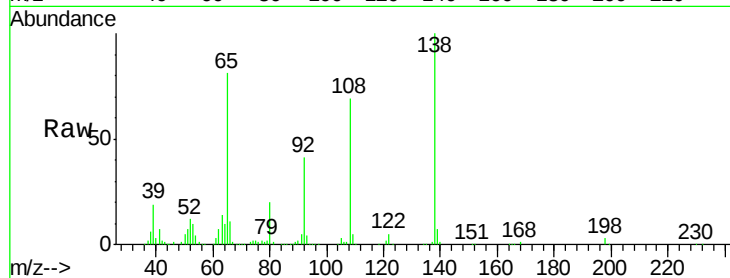
Tgt Ion:138 Resp: 317766

Ion Ratio Lower Upper

138 100

92 41.3 32.6 72.6

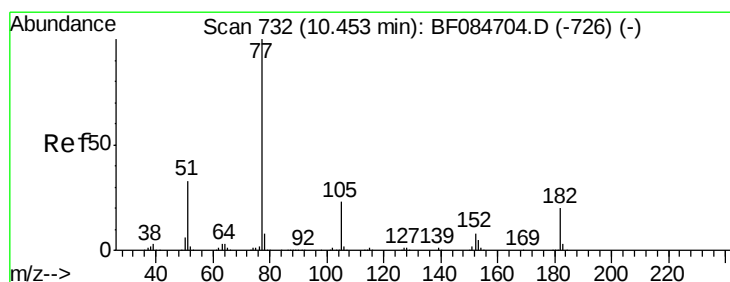
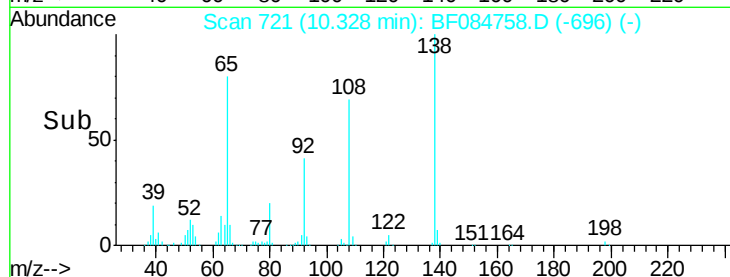
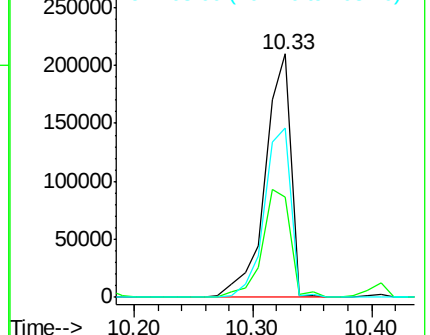
108 69.5 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.73 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Tgt Ion: 77 Resp: 1185232

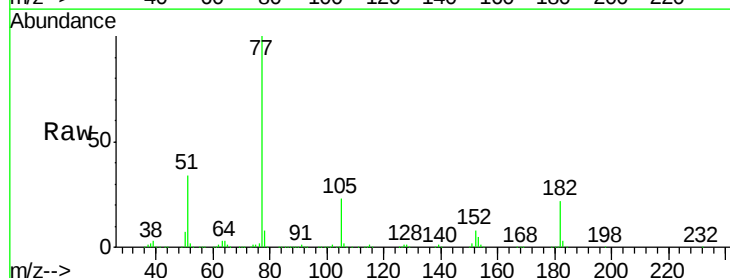
Ion Ratio Lower Upper

77 100

182 21.6 8.3 48.3

105 23.3 4.6 44.6

51 33.6 6.2 46.2

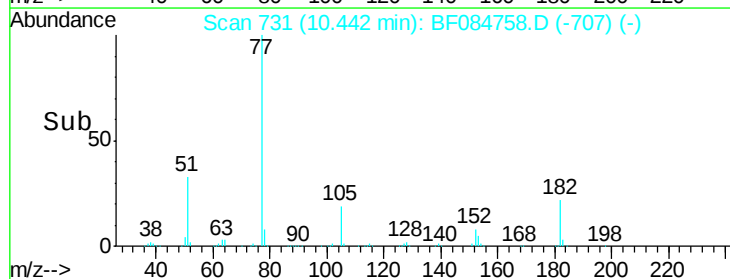
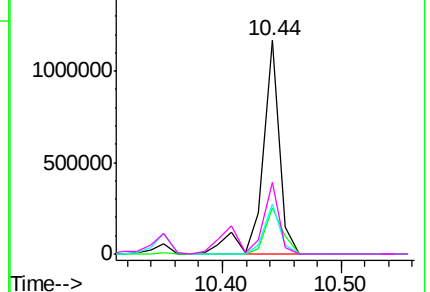


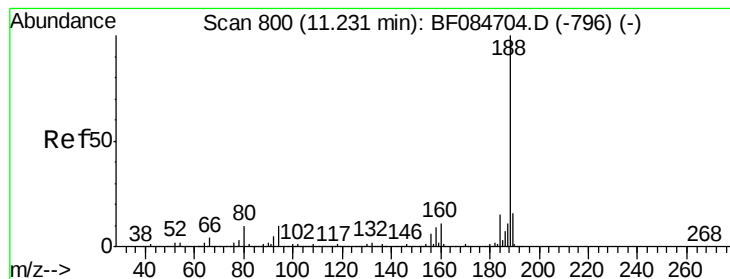
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

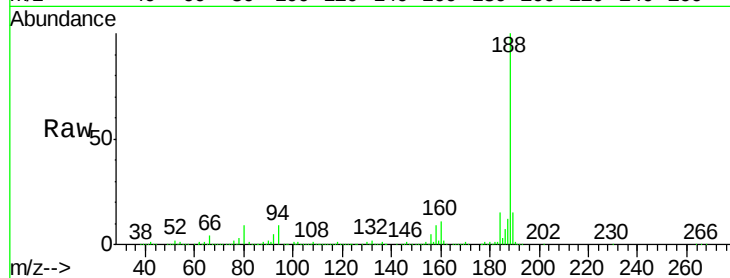
Tgt Ion:188 Resp: 610391

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.4#

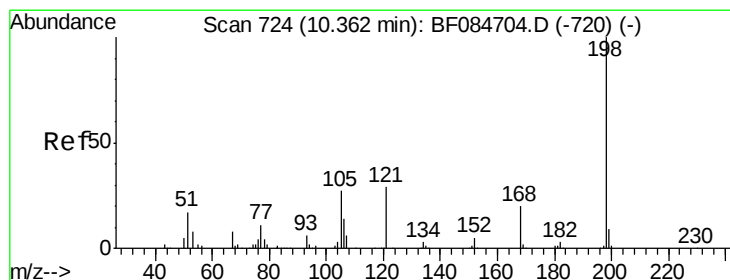
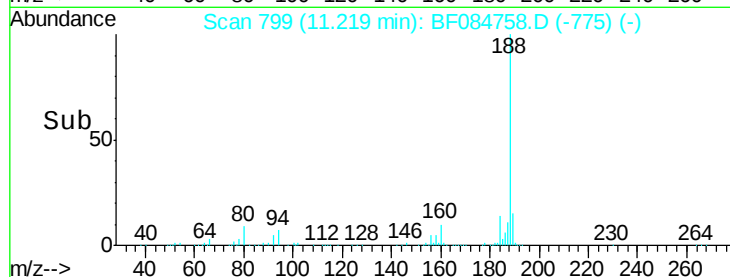
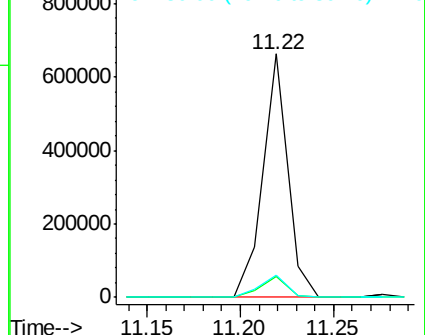
80 9.0 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 55.43 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

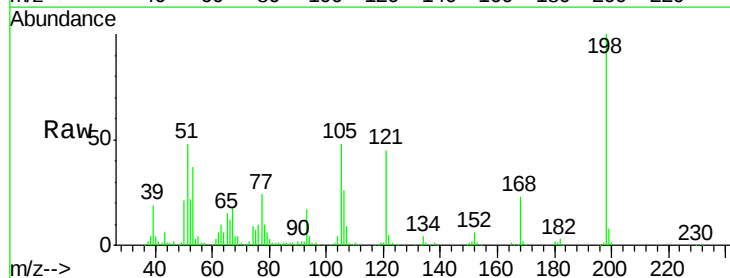
Tgt Ion:198 Resp: 208816

Ion Ratio Lower Upper

198 100

51 48.4 18.9 58.9

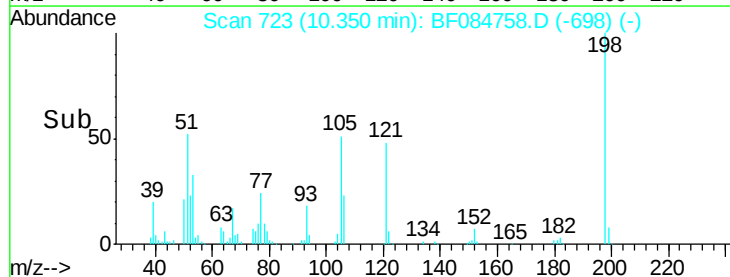
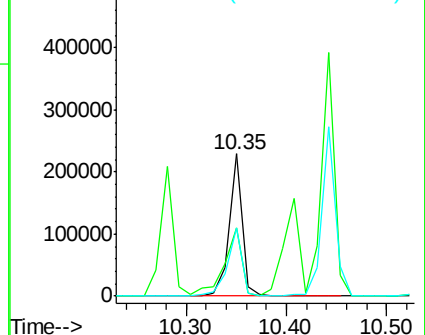
105 48.1 26.4 66.4

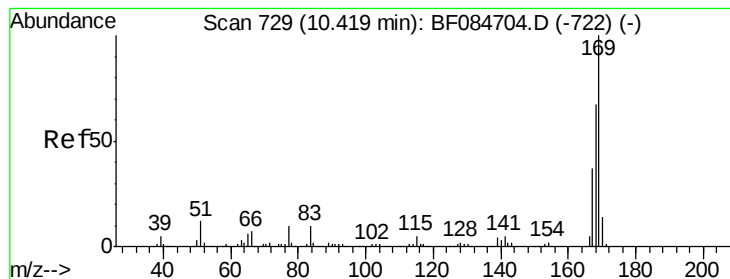


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.93 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

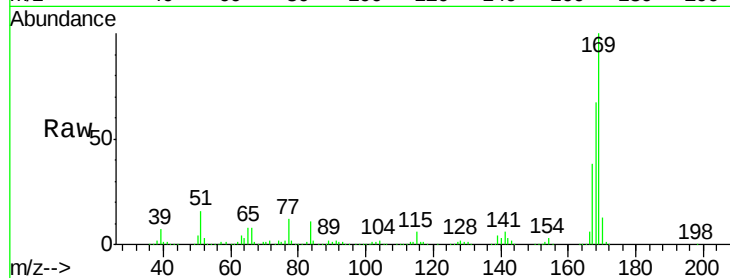
Tgt Ion:169 Resp: 967703

Ion Ratio Lower Upper

169 100

168 66.9 55.1 82.7

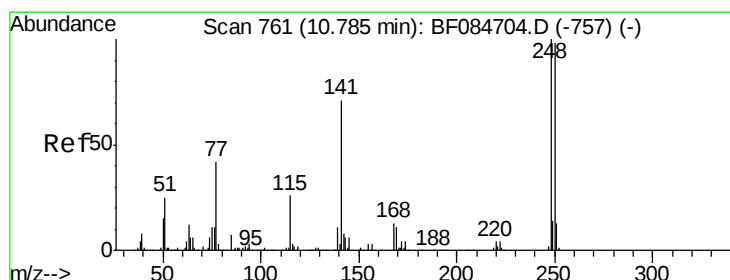
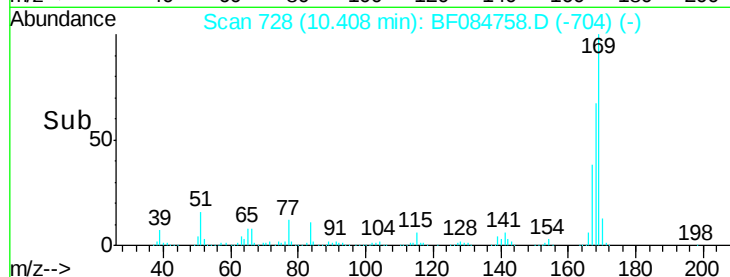
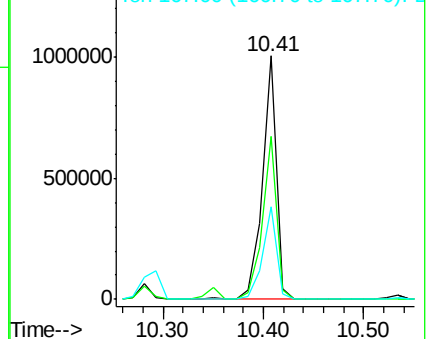
167 38.0 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.97 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

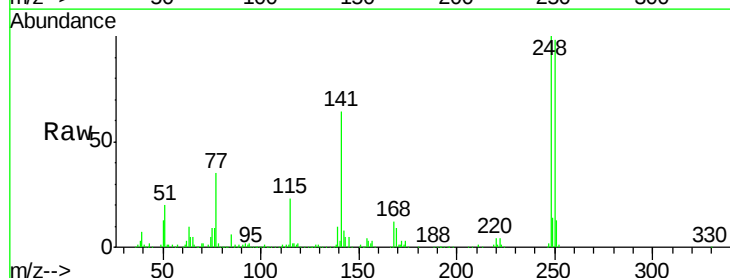
Tgt Ion:248 Resp: 343636

Ion Ratio Lower Upper

248 100

250 97.9 78.4 117.6

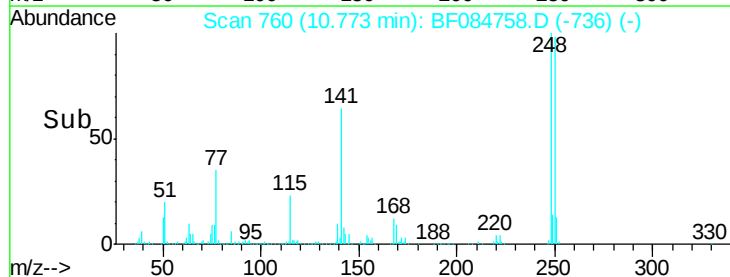
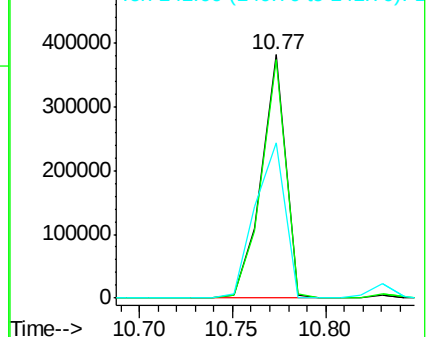
141 63.9 44.0 66.0

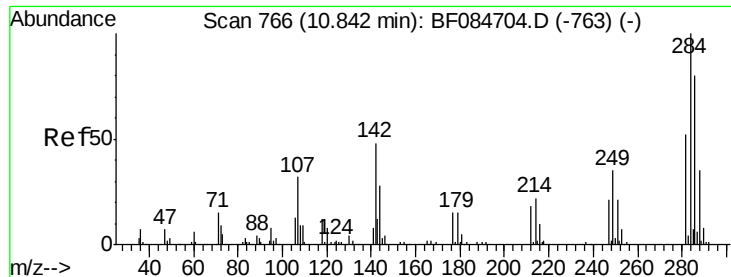


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

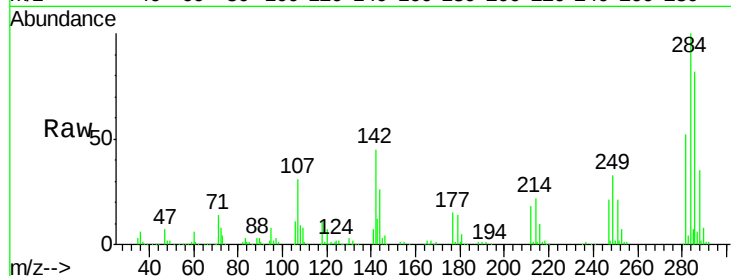




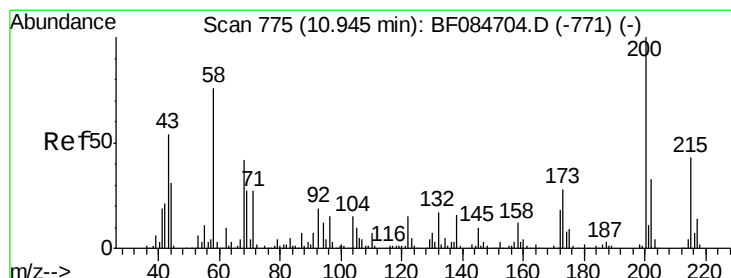
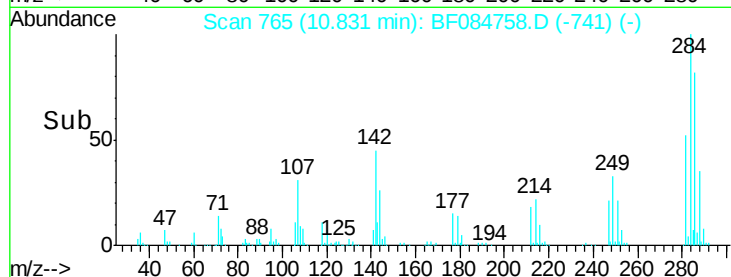
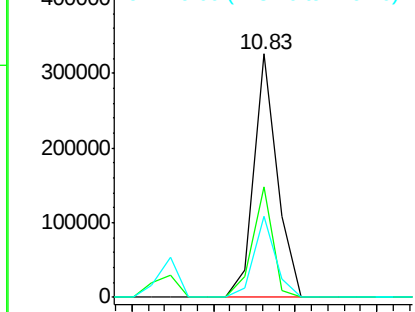
#67
Hexachlorobenzene
Concen: 44.16 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF084758.D
Acq: 2 Feb 2016 20:59

Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MS

Tgt Ion:284 Resp: 324406
Ion Ratio Lower Upper
284 100
142 45.3 22.2 33.4#
249 33.3 24.6 37.0

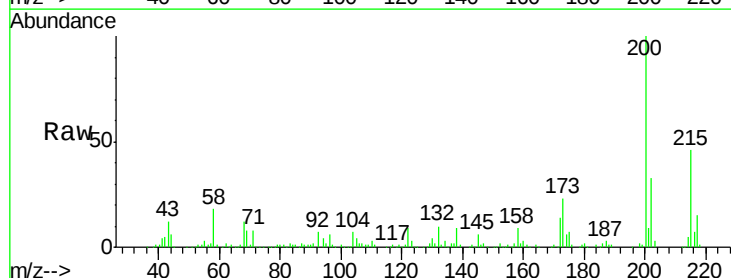


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

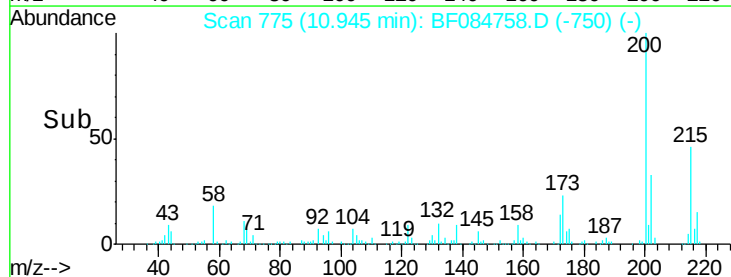
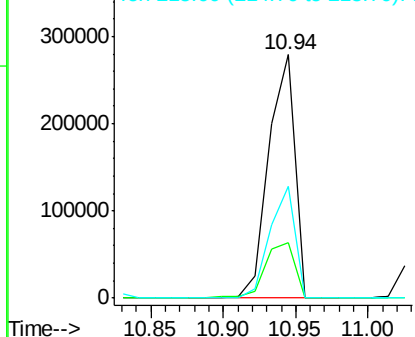


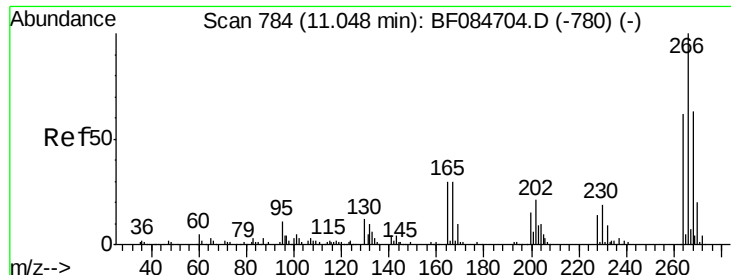
#68
Atrazine
Concen: 56.91 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF084758.D
Acq: 2 Feb 2016 20:59

Tgt Ion:200 Resp: 348306
Ion Ratio Lower Upper
200 100
173 22.8 9.5 49.5
215 45.9 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

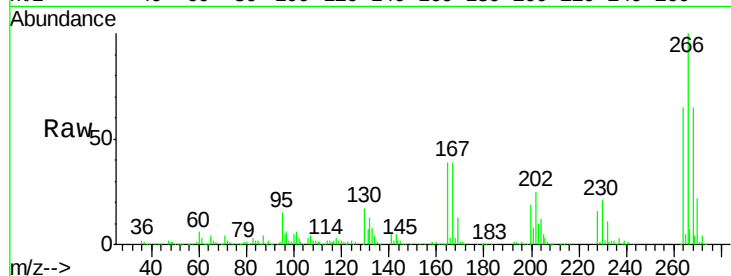




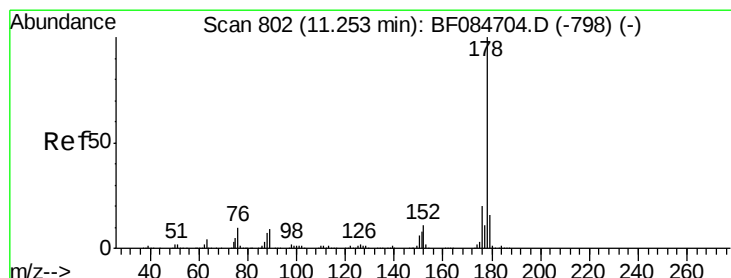
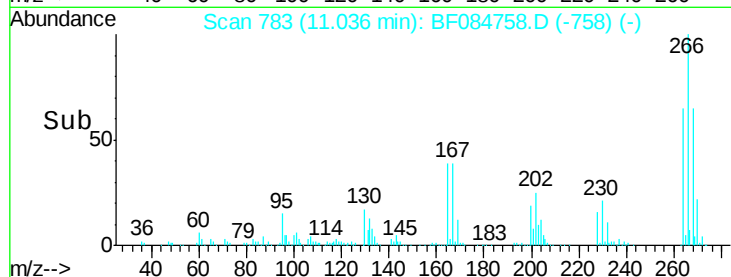
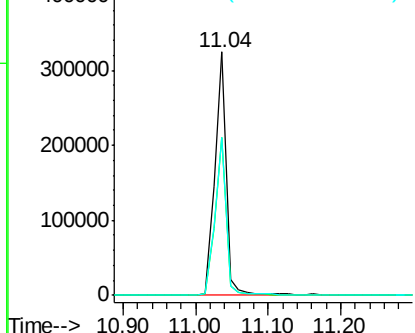
#69
 Pentachlorophenol
 Concen: 103.90 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MS

Tgt Ion:266 Resp: 358702
 Ion Ratio Lower Upper
 266 100
 268 64.9 52.4 78.6
 264 64.8 50.2 75.2

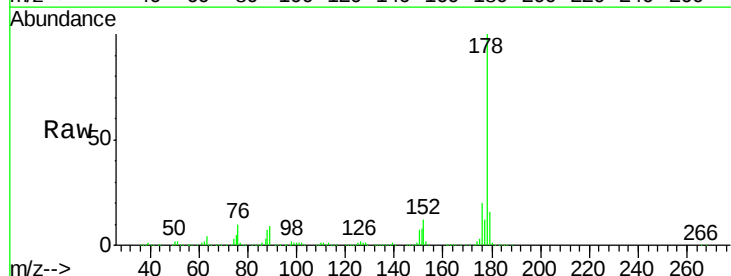


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

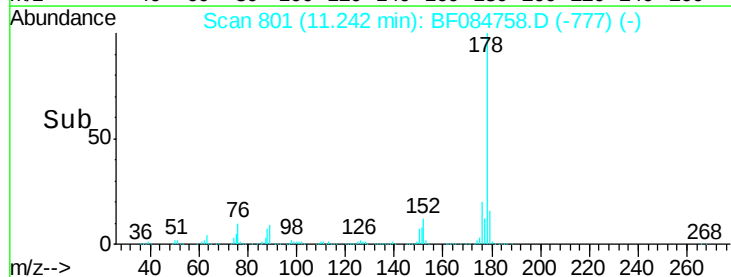
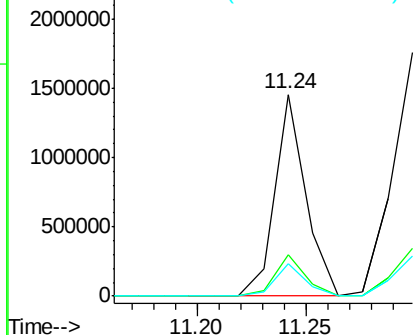


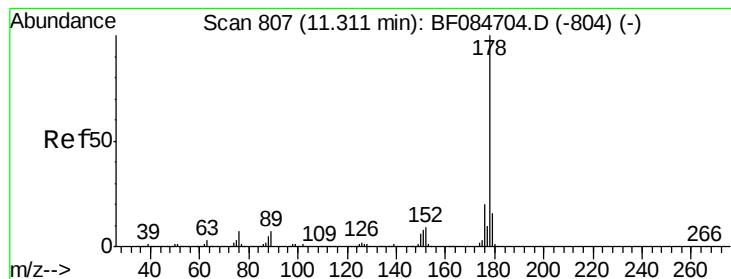
#70
 Phenanthrene
 Concen: 42.89 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Tgt Ion:178 Resp: 1452011
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.3 22.9
 179 16.1 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 50.72 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

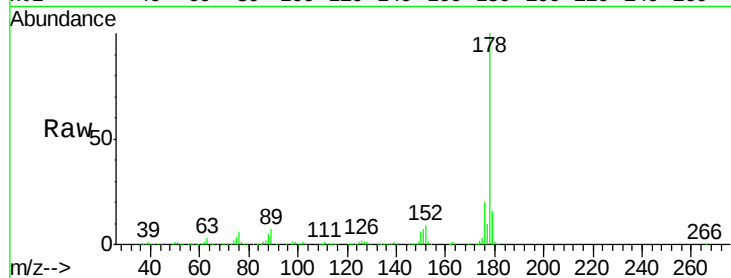
Tgt Ion:178 Resp: 1730231

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

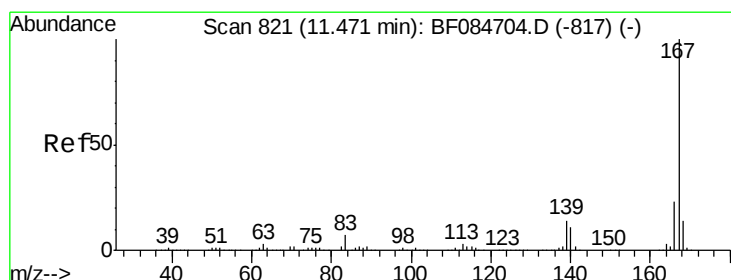
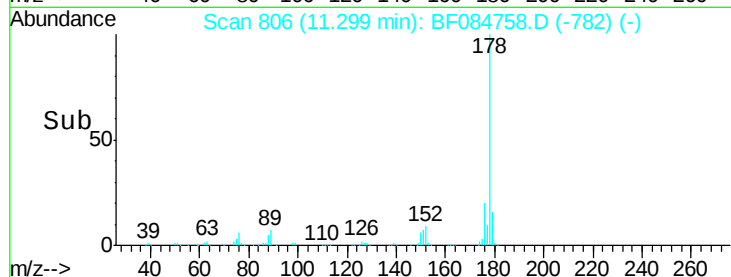
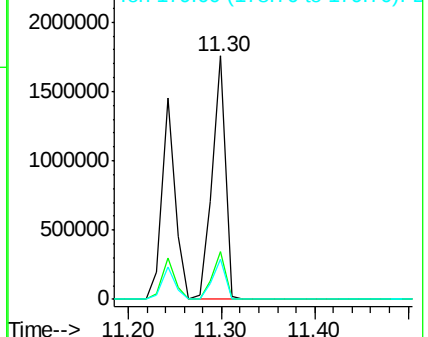
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 54.69 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

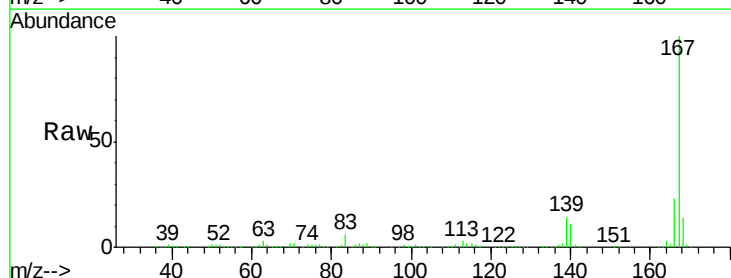
Tgt Ion:167 Resp: 1626751

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

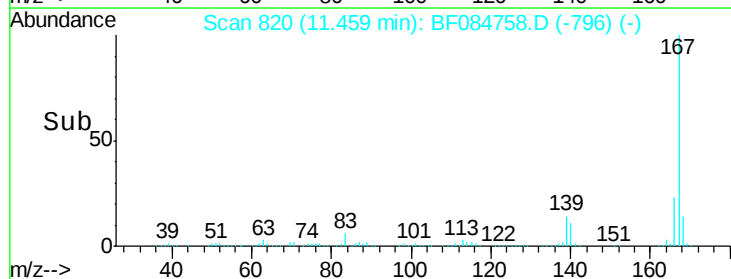
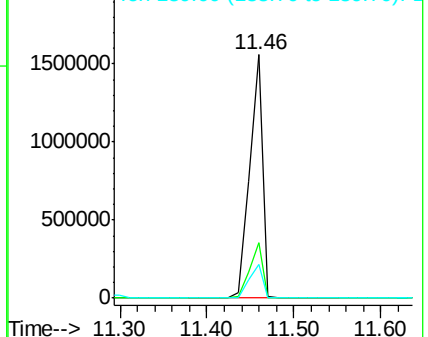
139 14.0 11.8 17.8

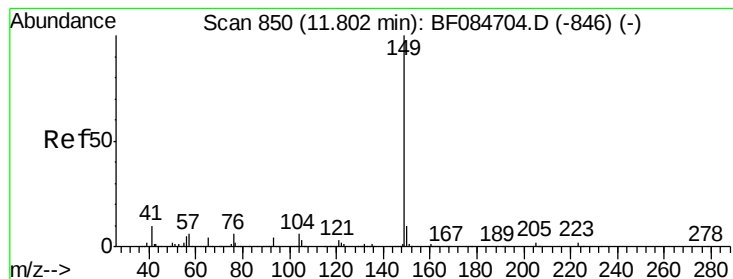


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.20 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

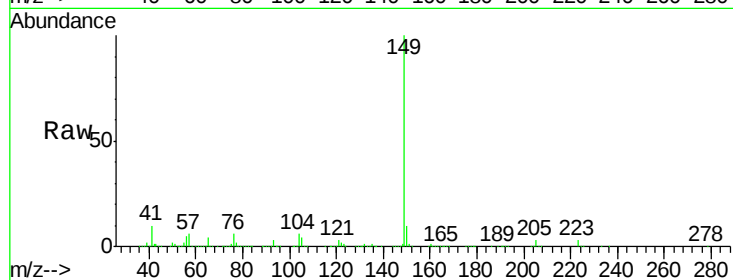
Tgt Ion:149 Resp: 1636176

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

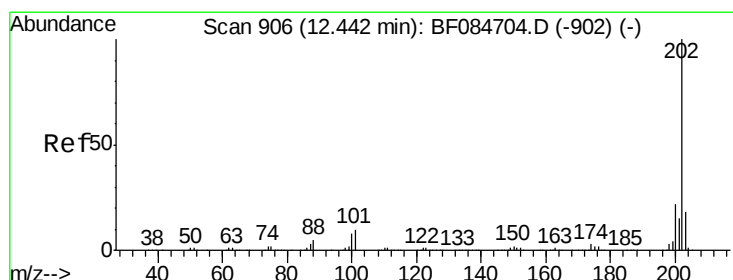
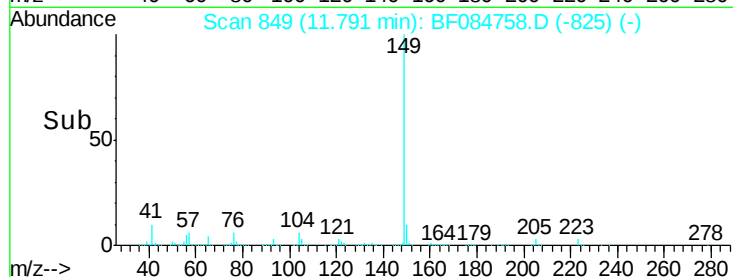
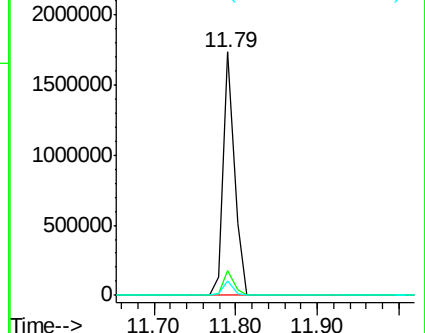
104 5.8 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.94 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

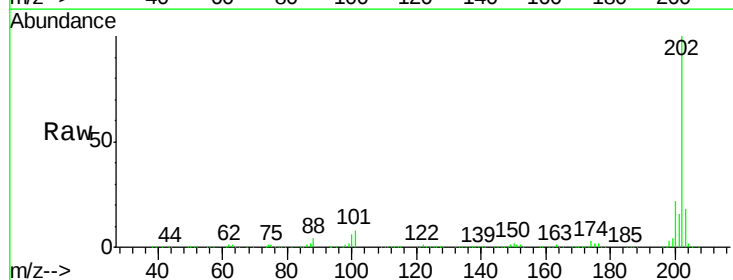
Tgt Ion:202 Resp: 1745452

Ion Ratio Lower Upper

202 100

101 8.0 0.0 32.8

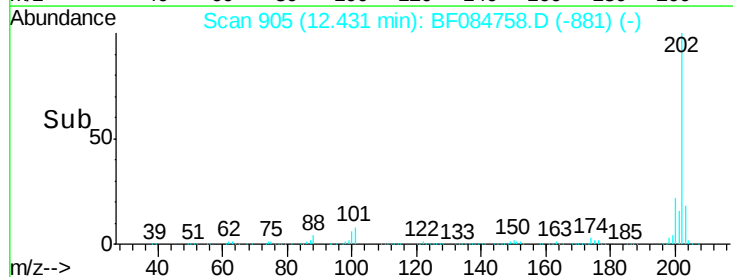
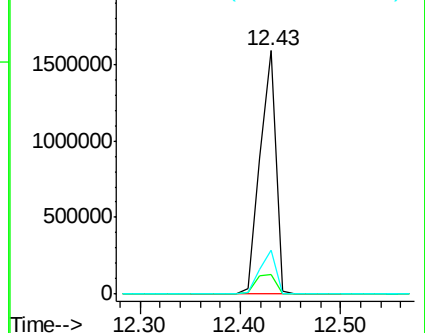
203 18.3 0.0 37.9

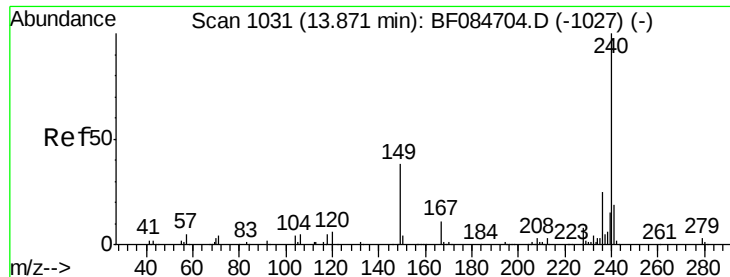


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

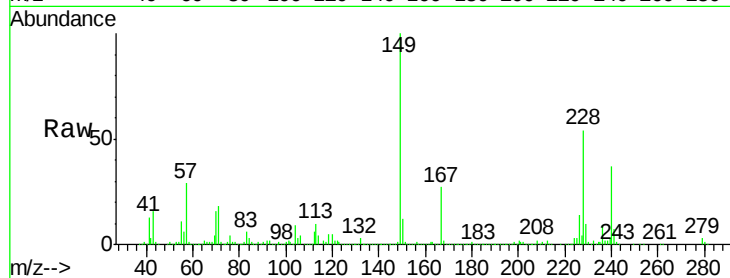
Tgt Ion:240 Resp: 398804

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

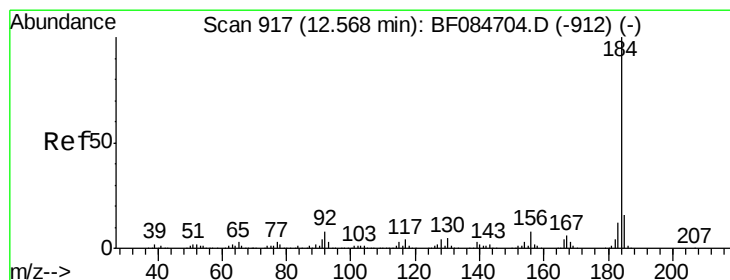
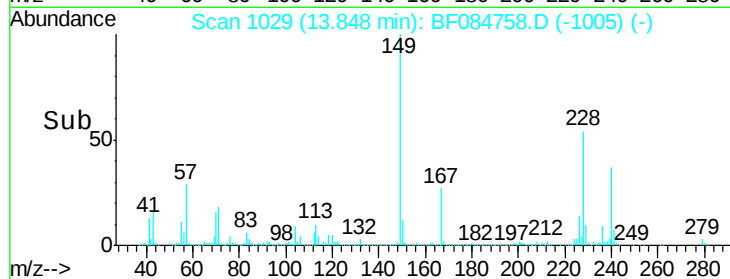
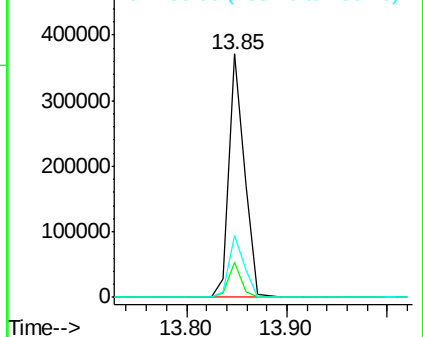
236 25.6 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.64 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

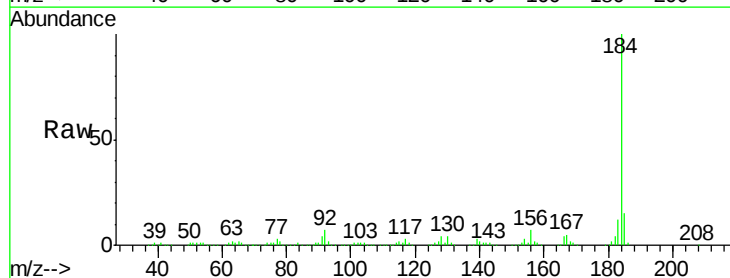
Tgt Ion:184 Resp: 649083

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

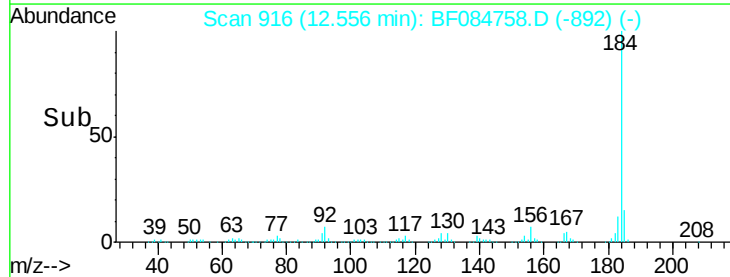
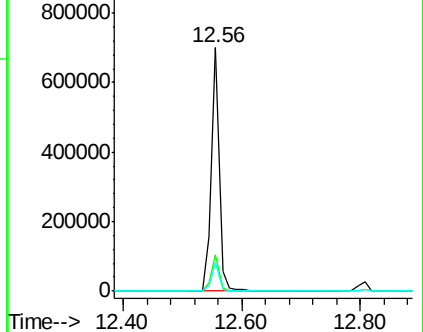
183 11.6 9.8 14.8

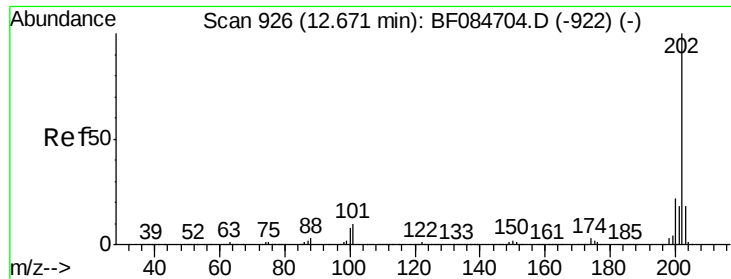


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

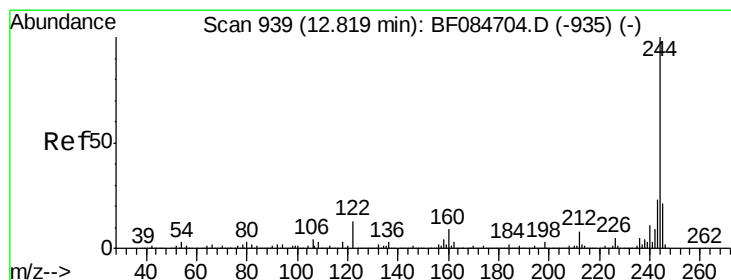
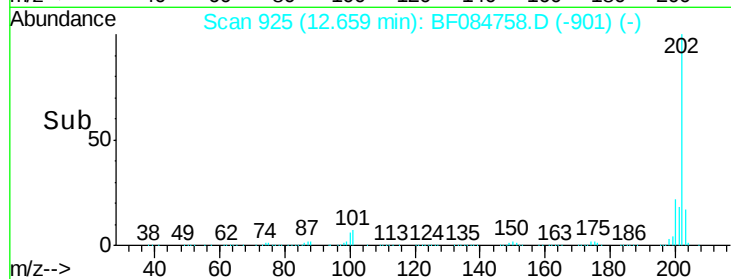
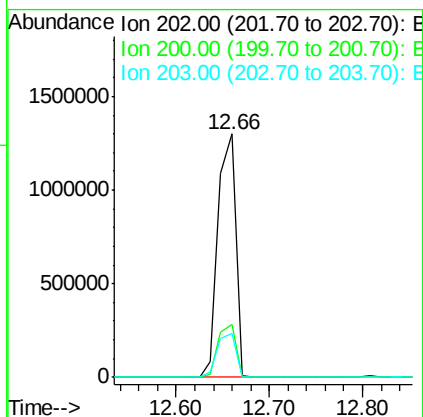
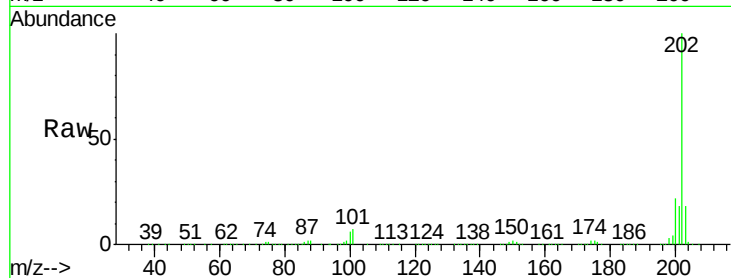




#77
 Pyrene
 Concen: 56.12 ng
 RT: 12.66 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

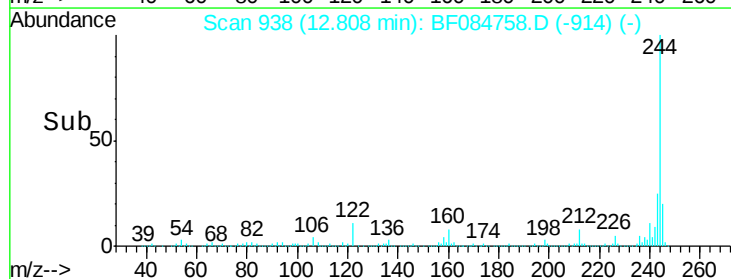
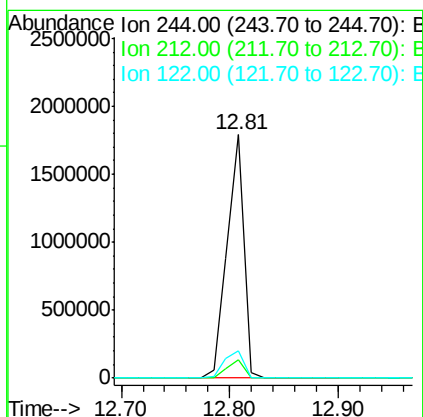
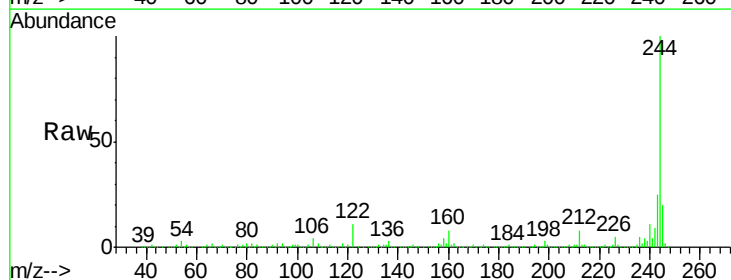
Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MS

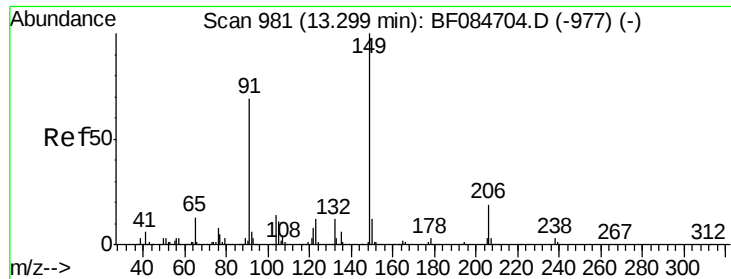
Tgt Ion: 202 Resp: 1713397
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.2 25.8
 203 17.9 14.3 21.5



#78
 Terphenyl-d14
 Concen: 108.41 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Tgt Ion: 244 Resp: 1907878
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 11.3 7.4 11.0#

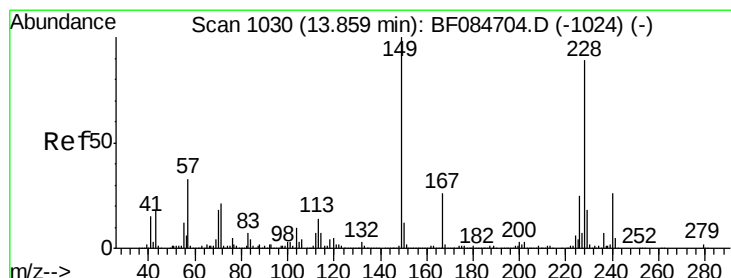
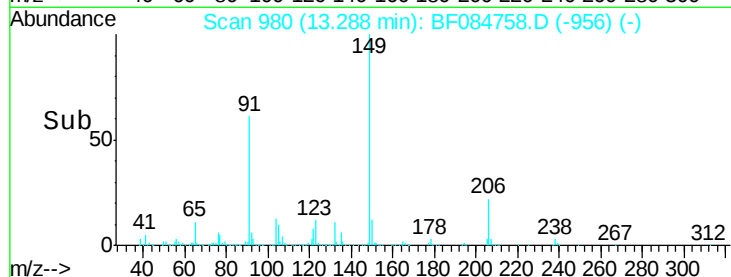
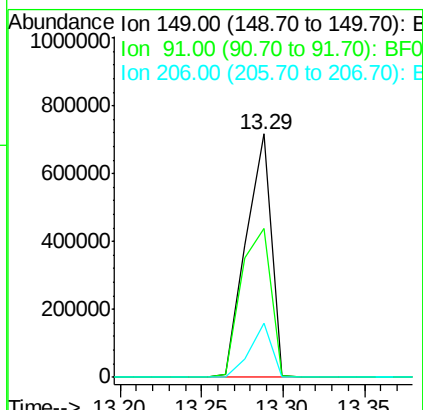
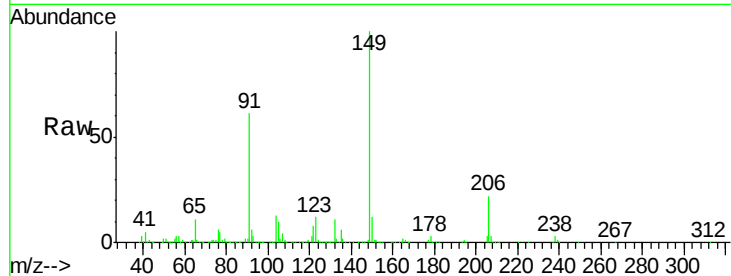




#79
Butylbenzylphthalate
Concen: 55.61 ng
RT: 13.29 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF084758.D
Acq: 2 Feb 2016 20:59

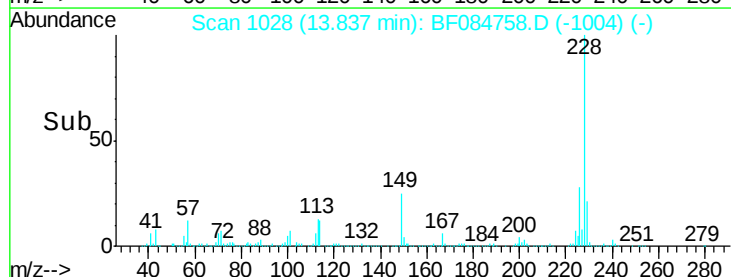
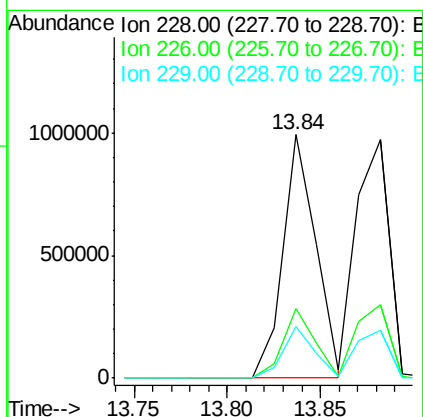
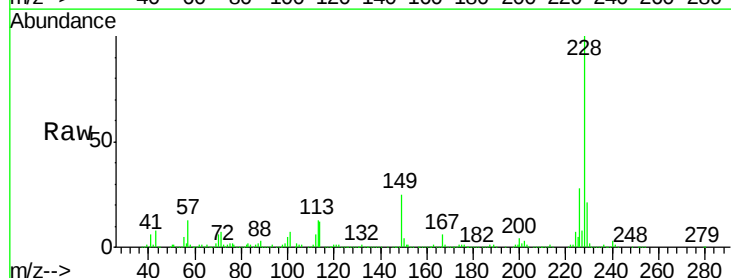
Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MS

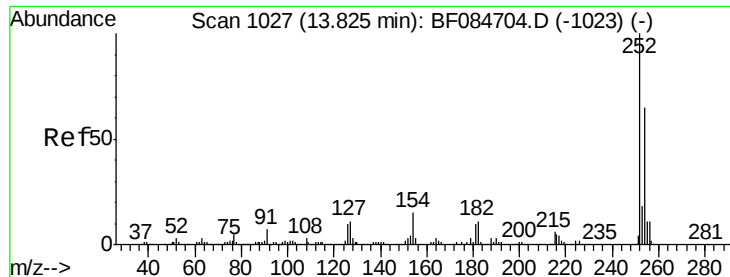
Tgt Ion:149 Resp: 770302
Ion Ratio Lower Upper
149 100
91 61.2 57.6 86.4
206 22.1 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 49.20 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084758.D
Acq: 2 Feb 2016 20:59

Tgt Ion:228 Resp: 1217737
Ion Ratio Lower Upper
228 100
226 28.4 21.8 32.6
229 21.4 15.8 23.8

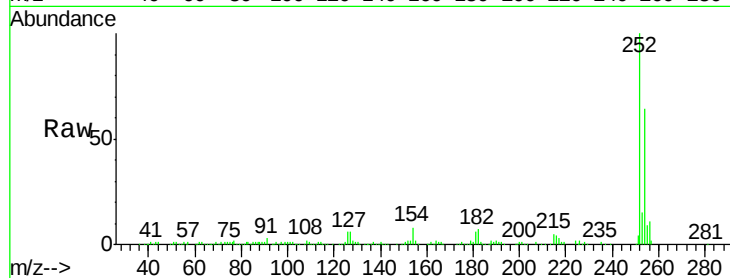




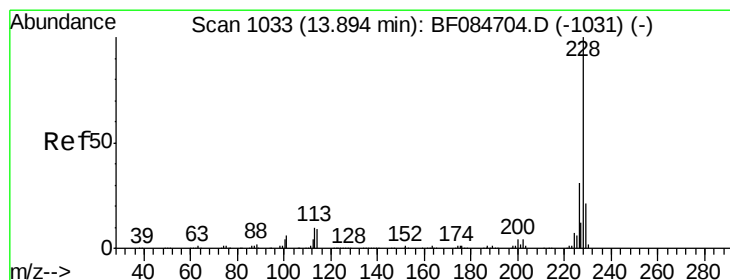
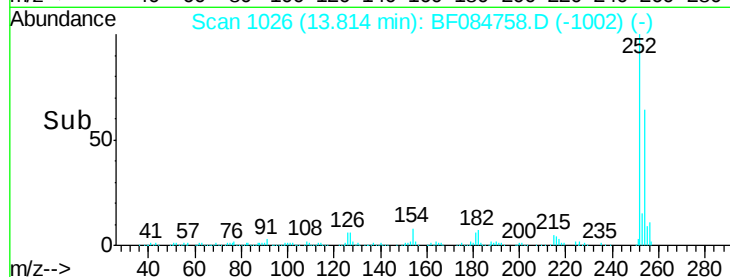
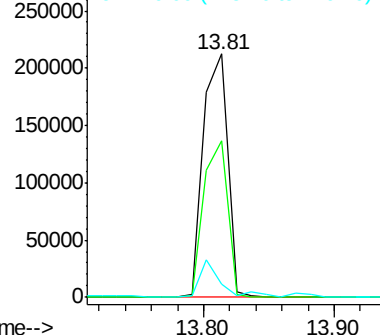
#81
 3,3'-Dichlorobenzidine
 Concen: 31.36 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MS

Tgt Ion:252 Resp: 274814
 Ion Ratio Lower Upper
 252 100
 254 64.4 53.5 80.3
 126 5.6 4.9 7.3

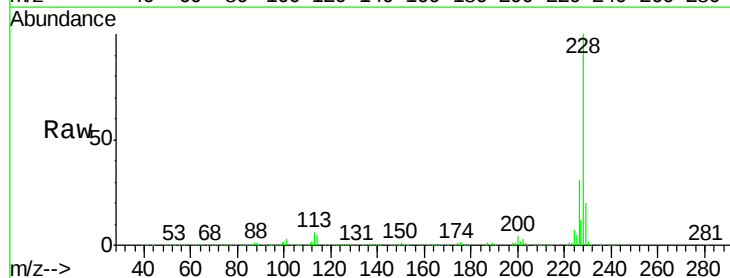


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

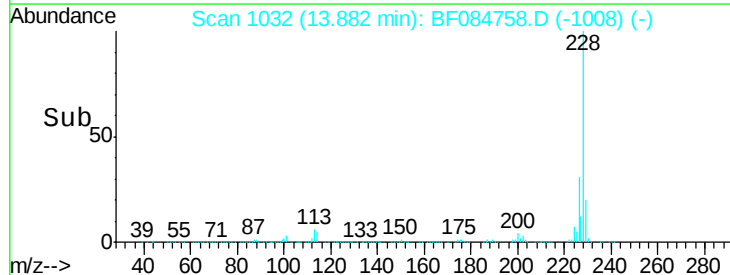
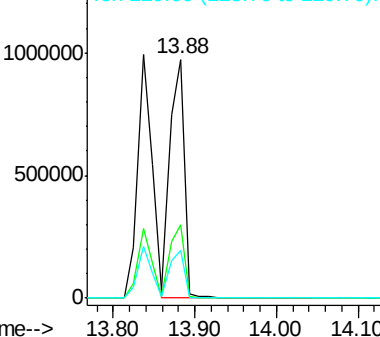


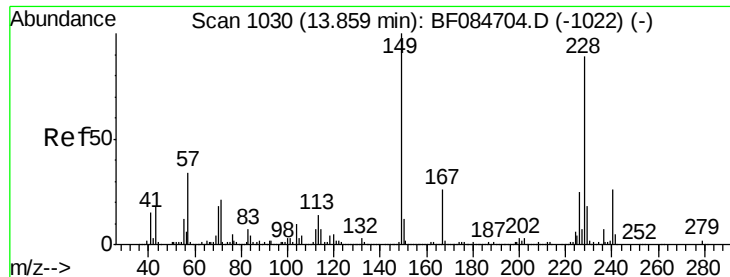
#82
 Chrysene
 Concen: 50.30 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Tgt Ion:228 Resp: 1207379
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.3 36.5
 229 19.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.94 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

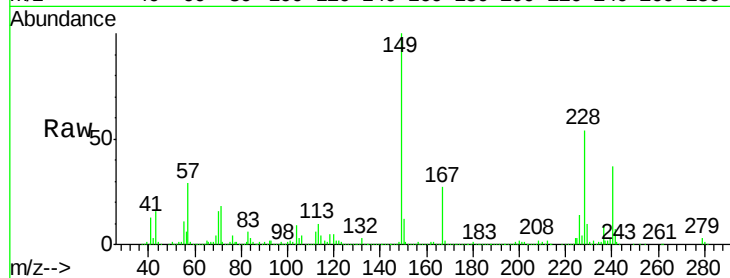
Tgt Ion:149 Resp: 912621

Ion Ratio Lower Upper

149 100

167 26.6 19.7 29.5

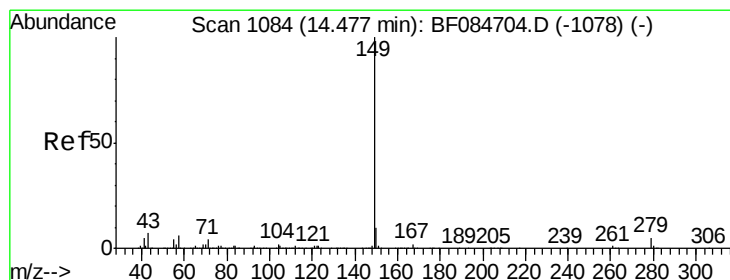
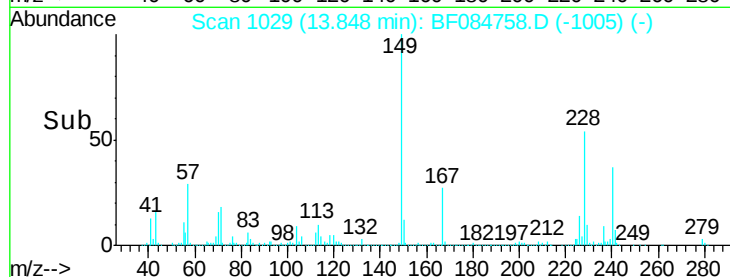
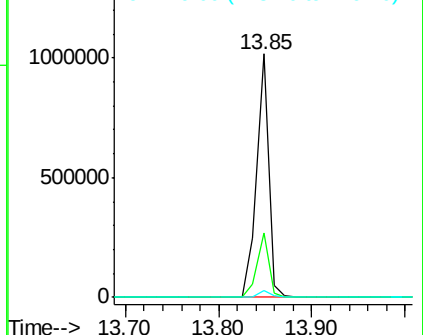
279 2.9 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.16 ng

RT: 14.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

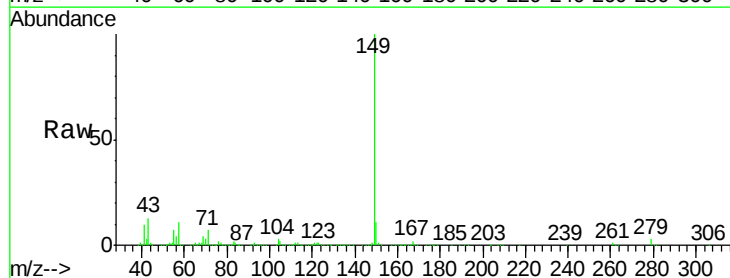
Tgt Ion:149 Resp: 1369496

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

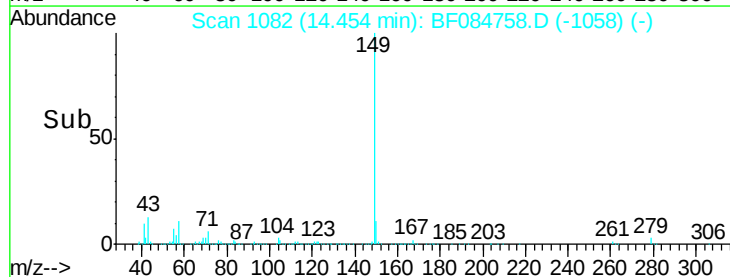
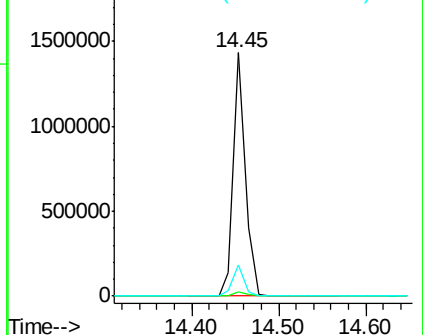
43 12.1 5.6 8.4#

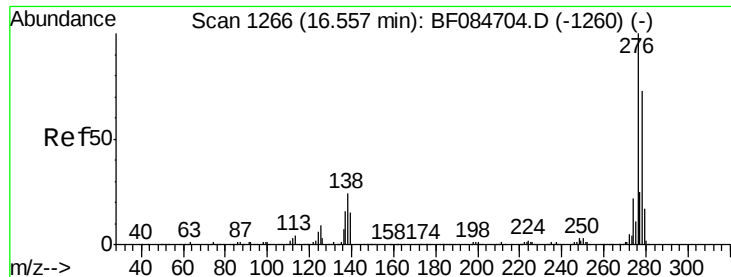


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

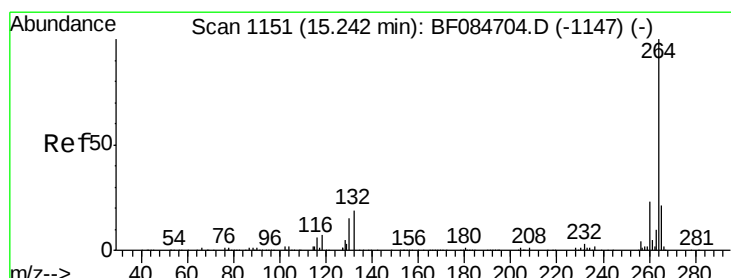
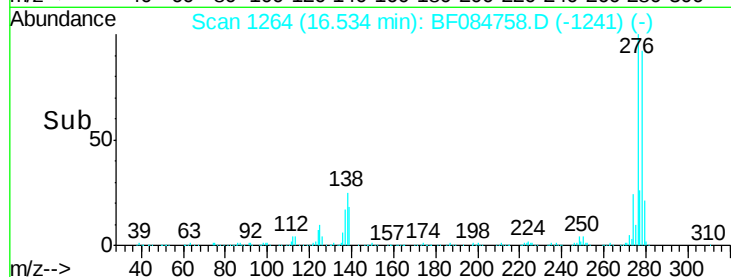
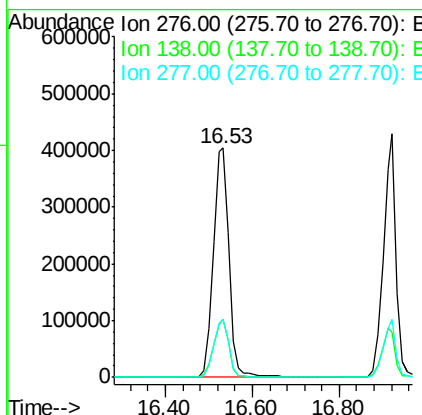
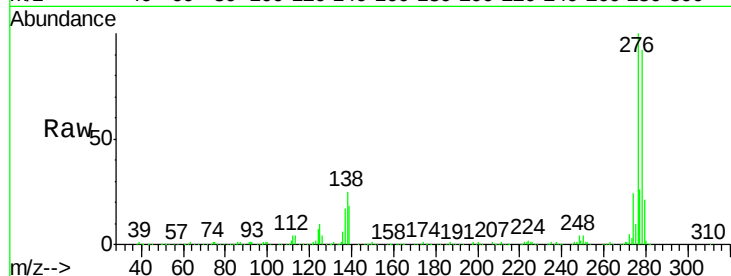




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.37 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

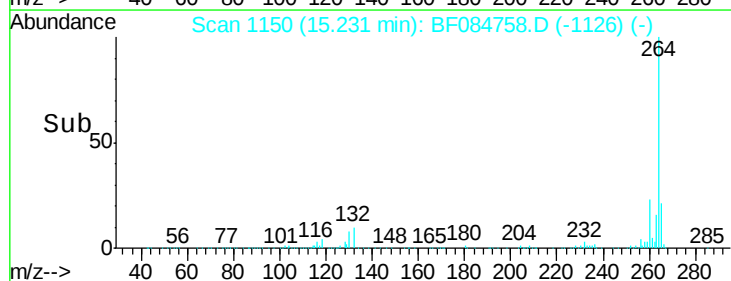
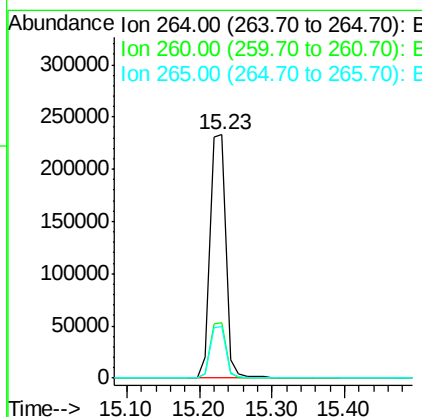
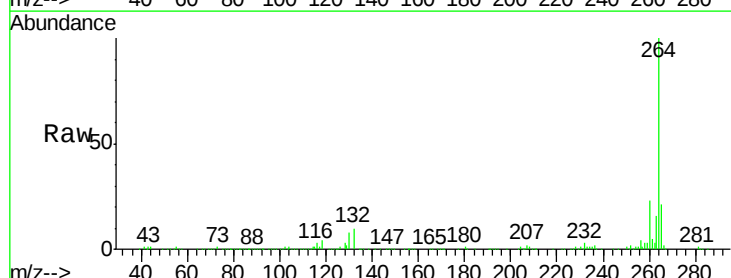
Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MS

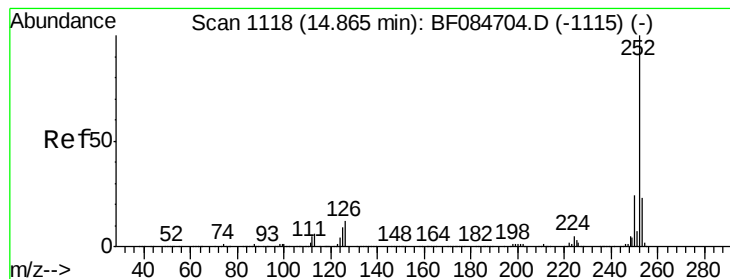
Tgt Ion:276 Resp: 1046178
 Ion Ratio Lower Upper
 276 100
 138 24.7 20.6 30.8
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF084758.D
 Acq: 2 Feb 2016 20:59

Tgt Ion:264 Resp: 351997
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 21.0 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 87.94 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

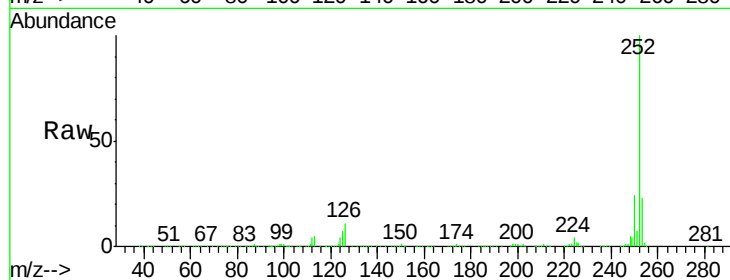
Tgt Ion:252 Resp: 2079822

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

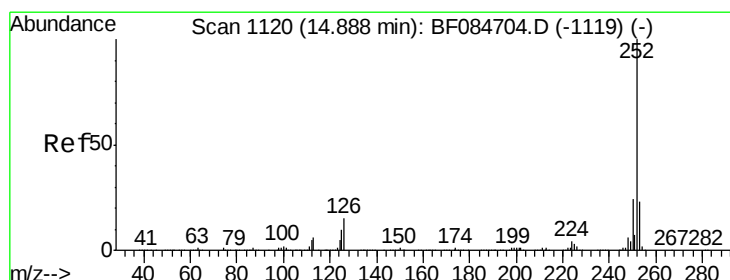
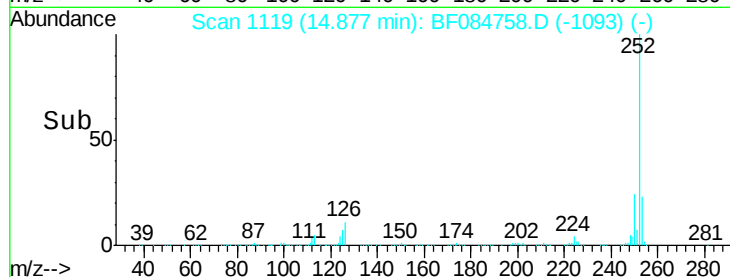
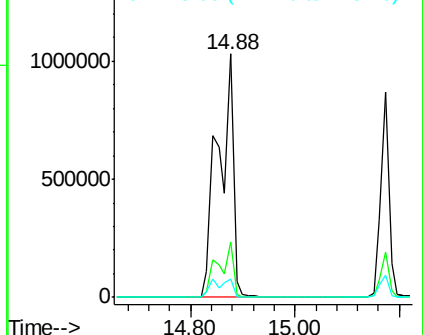
125 7.5 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 106.36 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

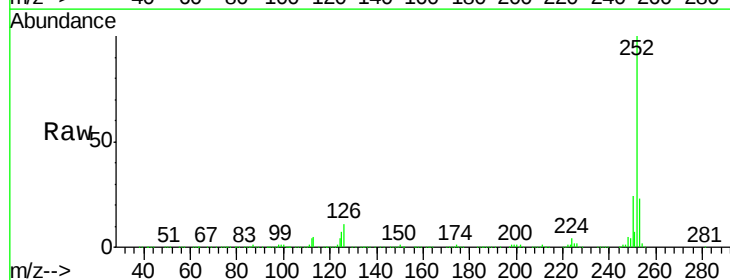
Tgt Ion:252 Resp: 2079822

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

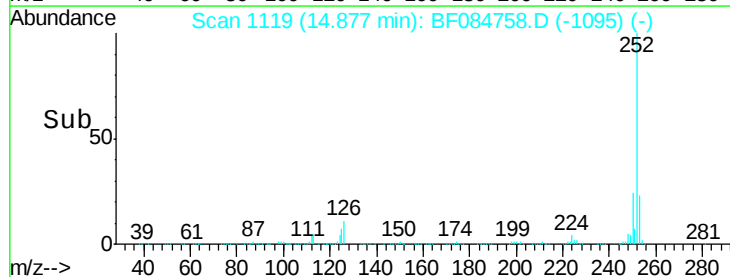
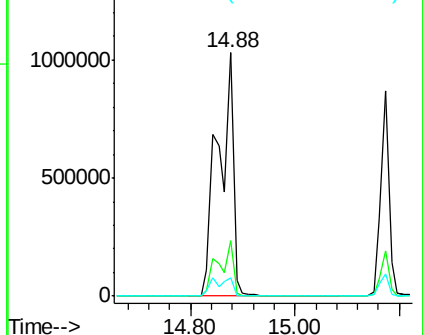
125 7.5 9.0 13.6#

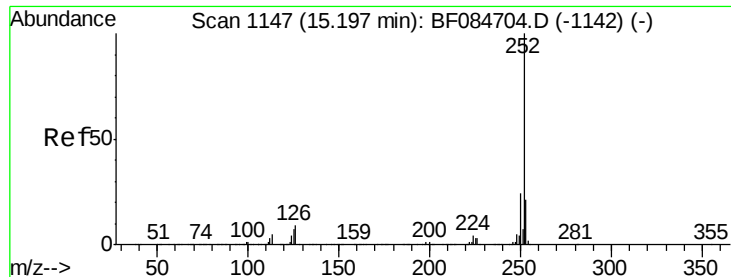


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.62 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS

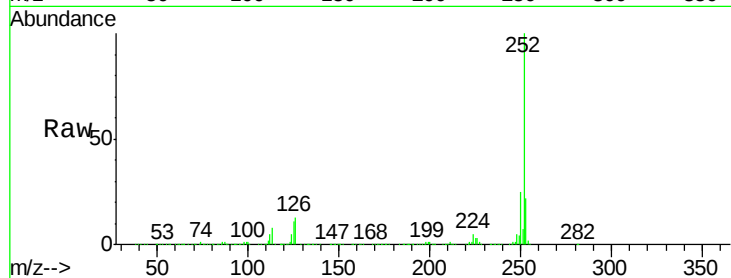
Tgt Ion:252 Resp: 959569

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

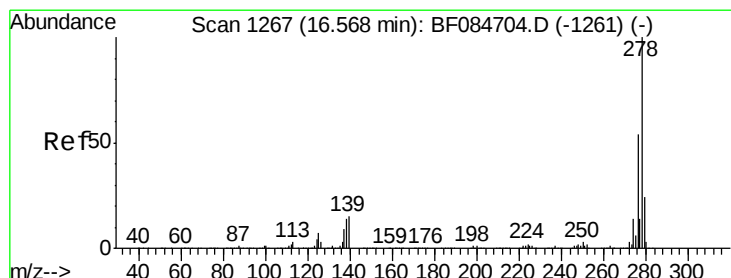
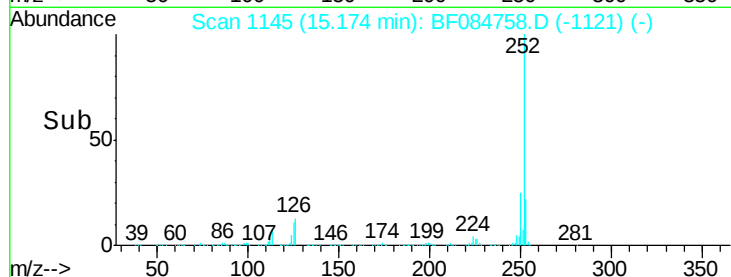
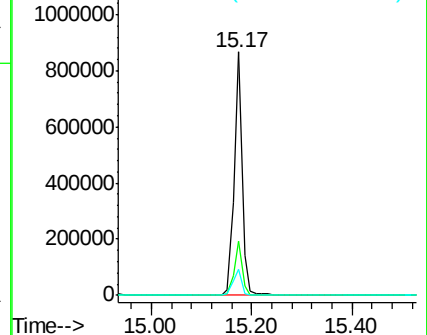
125 10.6 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.87 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.03 min

Lab File: BF084758.D

Acq: 2 Feb 2016 20:59

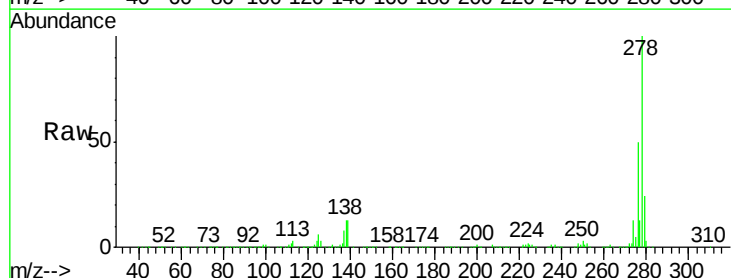
Tgt Ion:278 Resp: 862990

Ion Ratio Lower Upper

278 100

139 12.9 15.0 22.4#

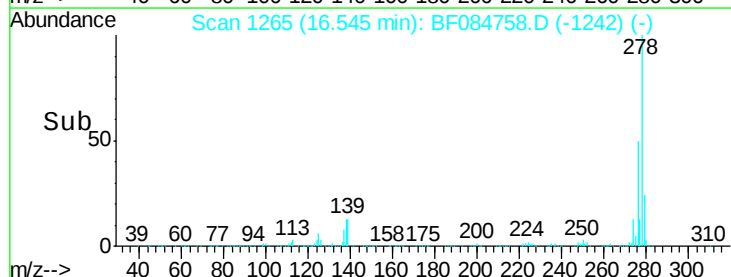
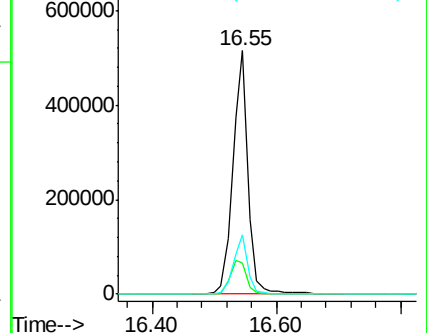
279 24.2 18.9 28.3

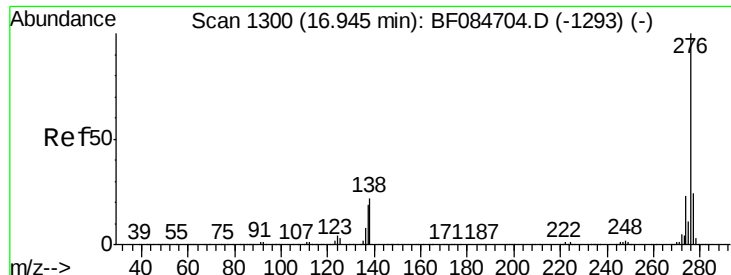


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 52.00 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BF084758.D

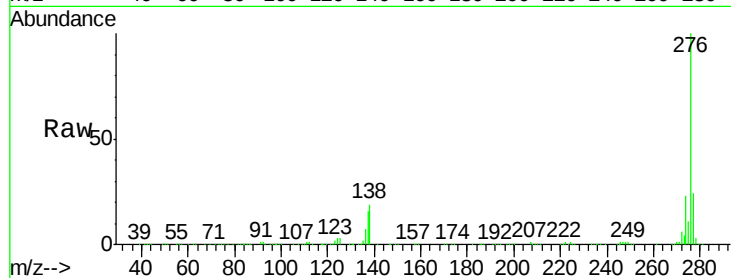
Acq: 2 Feb 2016 20:59

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MS



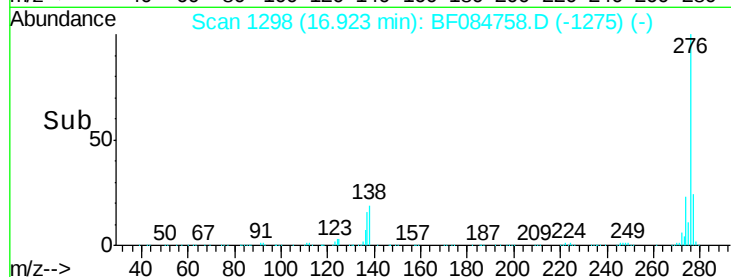
Tgt Ion: 276 Resp: 888591

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 18.7 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

