

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084759.D
 Acq On : 2 Feb 2016 21:27
 Operator : SJ/IZ
 Sample : H1314-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MSD

Quant Time: Feb 03 00:19:57 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	6.69	152	175590	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	697721	20.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	348225	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	625758	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	416645	20.00	ng	-0.02
86) Perylene-d12	15.23	264	357828	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1493016	132.44	ng	-0.01
7) Phenol-d6	6.36	99	1892779	135.44	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1227911	99.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	479280	131.95	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1930337	98.67	ng	-0.02
78) Terphenyl-d14	12.81	244	1893615	102.99	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	183152	37.09	ng	# 75
3) Pyridine	2.92	79	505430	39.29	ng	# 76
4) n-Nitrosodimethylamine	2.89	42	300210	45.12	ng	82
6) Aniline	6.36	93	499279	29.20	ng	# 60
8) 2-Chlorophenol	6.49	128	561181	43.98	ng	92
9) Benzaldehyde	6.24	77	215727	26.14	ng	92
10) Phenol	6.37	94	777129	49.64	ng	95
11) bis(2-Chloroethyl)ether	6.44	93	503651	41.25	ng	# 83
12) 1,3-Dichlorobenzene	6.64	146	543885	40.34	ng	# 93
13) 1,4-Dichlorobenzene	6.72	146	575554	42.71	ng	96
14) 1,2-Dichlorobenzene	6.88	146	514678	41.00	ng	94
15) Benzyl Alcohol	6.85	79	440642	45.66	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	840321	40.92	ng	88
17) 2-Methylphenol	6.98	107	469670	46.54	ng	# 91
18) Hexachloroethane	7.21	117	216162	41.65	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	381758	43.58	ng	# 75
20) 3+4-Methylphenols	7.13	107	578840	46.21	ng	# 69
22) Acetophenone	7.12	105	803723	43.71	ng	99
24) Nitrobenzene	7.29	77	532613	40.16	ng	96
25) Isophorone	7.54	82	1090002	45.26	ng	97
26) 2-Nitrophenol	7.61	139	310339	47.44	ng	# 87
27) 2,4-Dimethylphenol	7.66	122	492729	43.30	ng	89
28) bis(2-Chloroethoxy)methane	7.74	93	658119	46.06	ng	100
29) 2,4-Dichlorophenol	7.86	162	485952	49.92	ng	95
30) 1,2,4-Trichlorobenzene	7.93	180	479692	43.62	ng	97
31) Naphthalene	8.01	128	1494397	42.70	ng	99
32) Benzoic acid	7.77	122	106926	14.69	ng	95
33) 4-Chloroaniline	8.06	127	303559	20.97	ng	96
34) Hexachlorobutadiene	8.13	225	283073	44.65	ng	98
35) Caprolactam	8.45	113	91254	30.41	ng	# 82
36) 4-Chloro-3-methylphenol	8.57	107	552387	49.74	ng	98
37) 2-Methylnaphthalene	8.70	142	1147773	52.40	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	419046	37.89	ng	97
40) Hexachlorocyclopentadiene	8.85	237	425281	84.96	ng	97

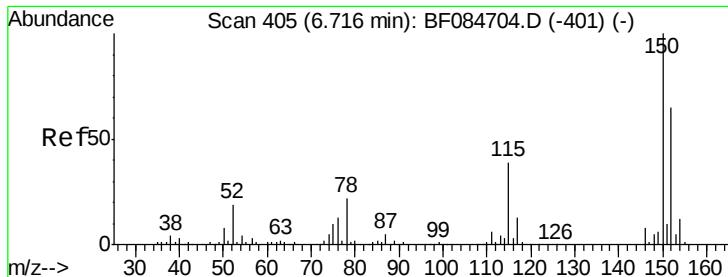
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084759.D
 Acq On : 2 Feb 2016 21:27
 Operator : SJ/IZ
 Sample : H1314-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MSD

Quant Time: Feb 03 00:19:57 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)
42) 2,4,6-Trichlorophenol	8.99	196	323430	45.39	ng	94
43) 2,4,5-Trichlorophenol	9.04	196	330415	45.64	ng	95
45) 1,1'-Biphenyl	9.17	154	1284194	41.29	ng	94
46) 2-Chloronaphthalene	9.18	162	949227	41.44	ng	97
47) 2-Nitroaniline	9.29	65	302718	41.74	ng	98
48) Acenaphthylene	9.61	152	1528454	43.97	ng	99
49) Dimethylphthalate	9.48	163	1379053	52.00	ng	# 91
50) 2,6-Dinitrotoluene	9.54	165	269748	46.56	ng	# 70
51) Acenaphthene	9.78	154	986813	43.64	ng	97
52) 3-Nitroaniline	9.70	138	165902	25.48	ng	99
53) 2,4-Dinitrophenol	9.81	184	220206	82.18	ng	# 83
54) Dibenzofuran	9.95	168	1378961	49.89	ng	97
55) 4-Nitrophenol	9.89	139	408860	85.45	ng	85
56) 2,4-Dinitrotoluene	9.94	165	295711	40.01	ng	# 75
57) Fluorene	10.29	166	1039148	45.02	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	249322	45.24	ng	92
59) Diethylphthalate	10.18	149	1199901	46.33	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	436130	44.97	ng	93
61) 4-Nitroaniline	10.32	138	270345	42.61	ng	93
62) Azobenzene	10.44	77	1180195	47.39	ng	90
64) 4,6-Dinitro-2-methylphenol	10.35	198	201755	52.24	ng	97
65) n-Nitrosodiphenylamine	10.41	169	947369	47.68	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	329924	47.74	ng	95
67) Hexachlorobenzene	10.83	284	308069	40.91	ng	# 83
68) Atrazine	10.94	200	308279	49.13	ng	90
69) Pentachlorophenol	11.04	266	344036	97.21	ng	98
70) Phenanthrene	11.24	178	1401438	40.38	ng	97
71) Anthracene	11.30	178	1668007	47.70	ng	99
72) Carbazole	11.46	167	1504150	49.32	ng	98
73) Di-n-butylphthalate	11.79	149	1604651	41.33	ng	# 96
74) Fluoranthene	12.43	202	1660277	47.26	ng	94
76) Benzidine	12.56	184	556363	37.79	ng	98
77) Pyrene	12.66	202	1644680	51.56	ng	100
79) Butylbenzylphthalate	13.29	149	744986	51.48	ng	# 88
80) Benzo(a)anthracene	13.84	228	1177844	45.55	ng	99
81) 3,3'-Dichlorobenzidine	13.80	252	196295	21.44	ng	# 94
82) Chrysene	13.88	228	1151640	45.93	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	872662	48.46	ng	# 97
84) Di-n-octyl phthalate	14.45	149	1302960	43.85	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.53	276	987107	50.01	ng	99
87) Benzo(b)fluoranthene	14.88	252	1967590	81.84	ng	99
88) Benzo(k)fluoranthene	14.88	252	1967590	98.98	ng	# 96
89) Benzo(a)pyrene	15.17	252	912571	44.55	ng	98
90) Dibenzo(a,h)anthracene	16.55	278	814926	47.26	ng	# 93
91) Benzo(g,h,i)perylene	16.92	276	852564	49.08	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

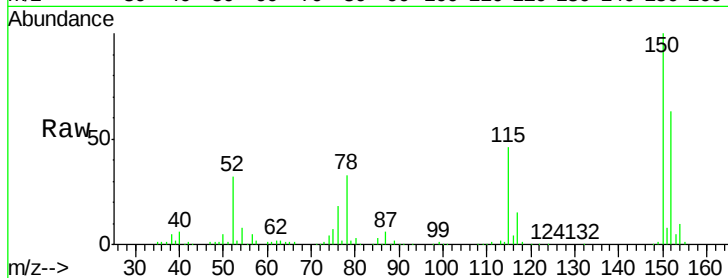
Tgt Ion:152 Resp: 175590

Ion Ratio Lower Upper

152 100

150 159.6 123.0 184.4

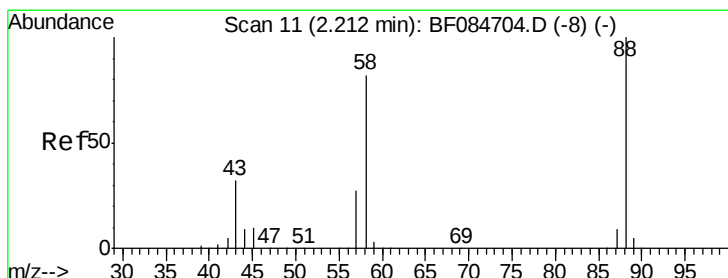
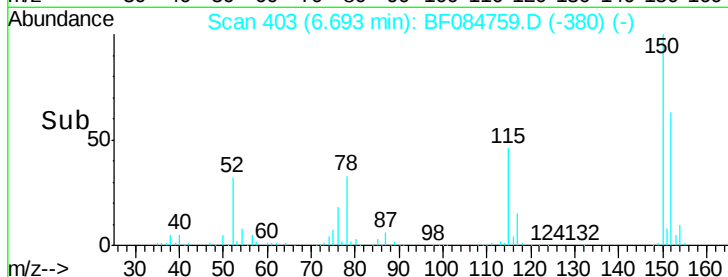
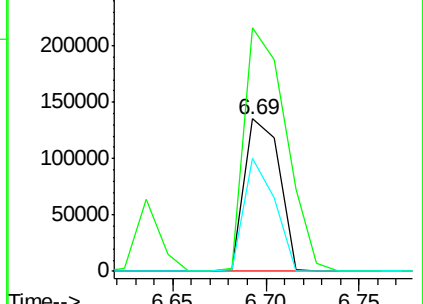
115 74.1 51.4 77.2



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: 37.09 ng

RT: 2.26 min Scan# 15

Delta R.T. 0.03 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

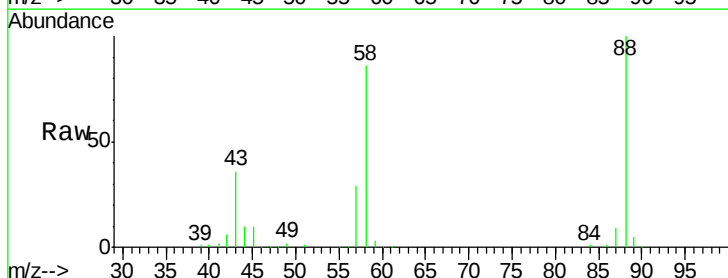
Tgt Ion: 88 Resp: 183152

Ion Ratio Lower Upper

88 100

58 84.0 51.2 76.8#

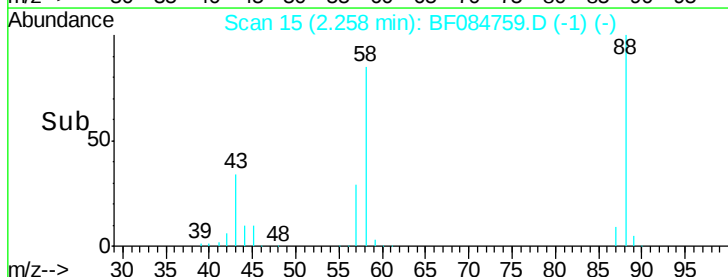
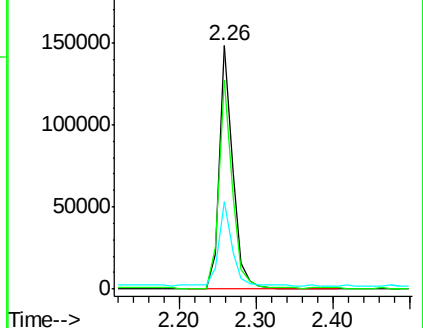
43 35.3 19.5 29.3#

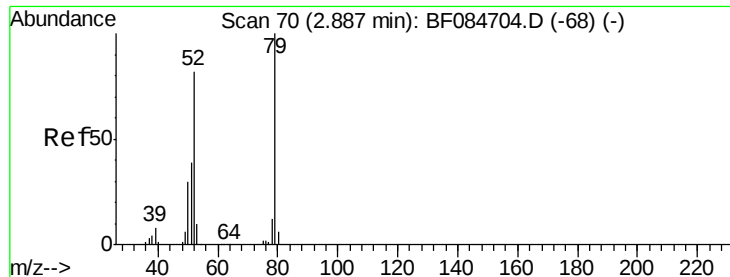


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.29 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.01 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

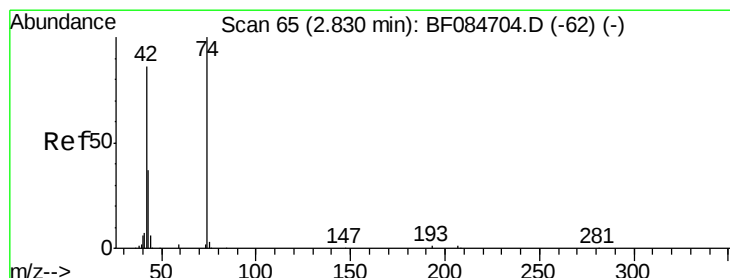
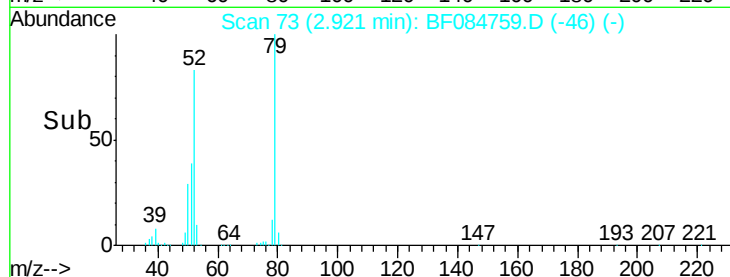
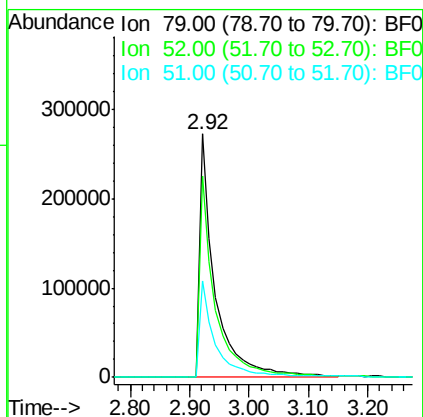
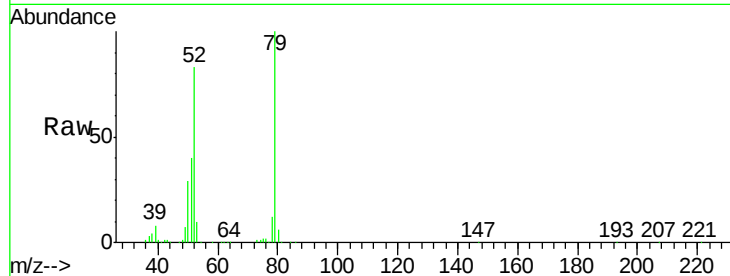
Tgt Ion: 79 Resp: 505430

Ion Ratio Lower Upper

79 100

52 82.7 49.0 73.4#

51 39.6 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 45.12 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.03 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

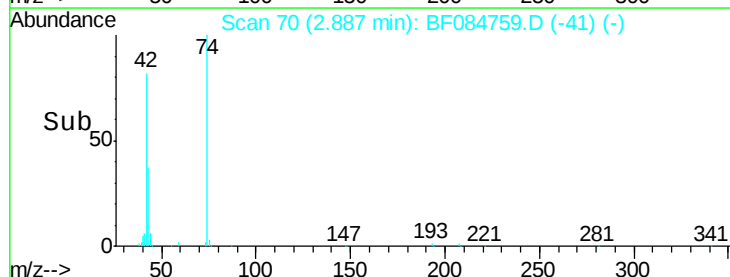
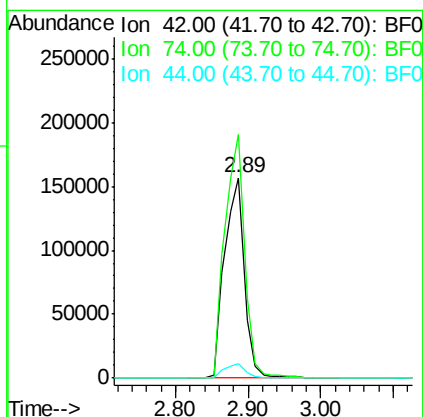
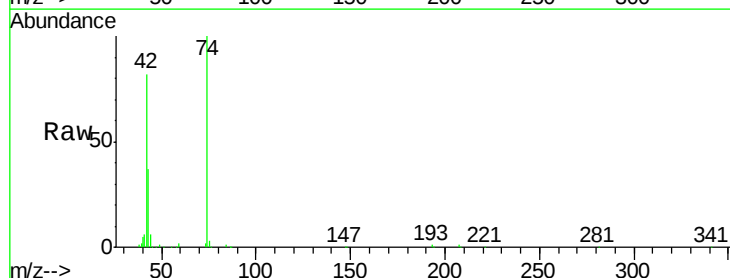
Tgt Ion: 42 Resp: 300210

Ion Ratio Lower Upper

42 100

74 121.7 115.7 173.5

44 7.0 5.1 7.7





#5

2-Fluorophenol

Concen: 132.44 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

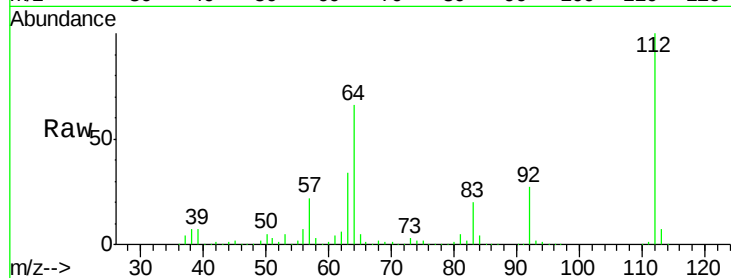
Tgt Ion: 112 Resp: 1493016

Ion Ratio Lower Upper

112 100

64 66.1 36.6 55.0#

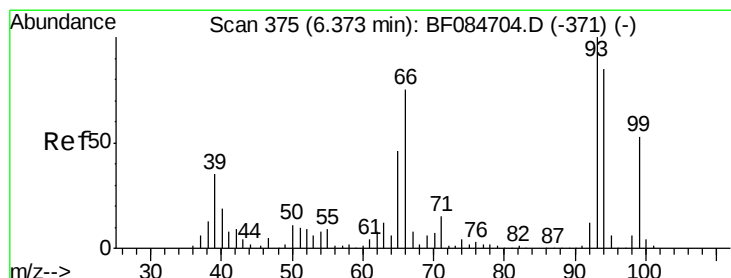
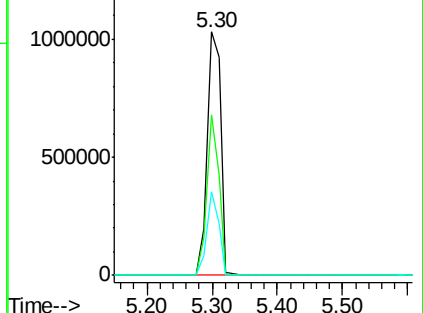
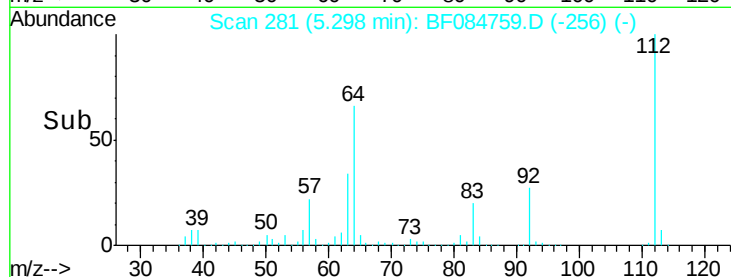
63 34.3 19.4 29.0#



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: 29.20 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

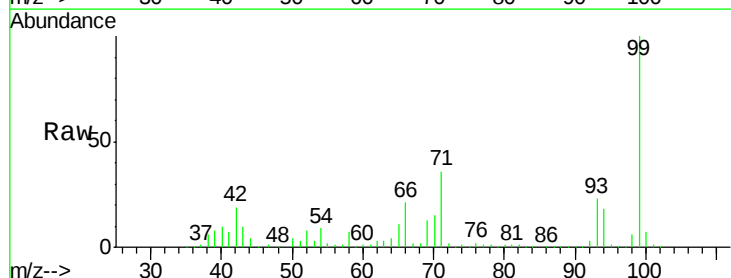
Tgt Ion: 93 Resp: 499279

Ion Ratio Lower Upper

93 100

66 89.3 44.9 67.3#

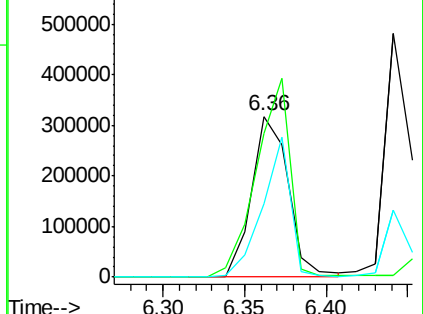
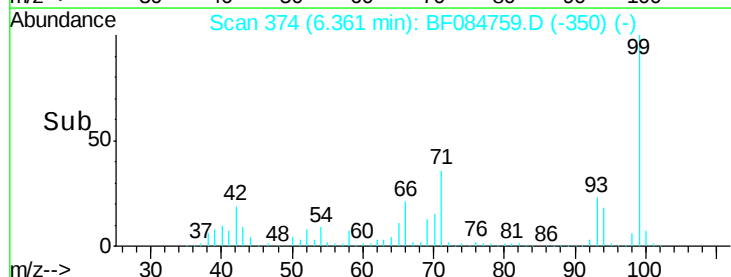
65 46.0 23.7 35.5#



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: 135.44 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

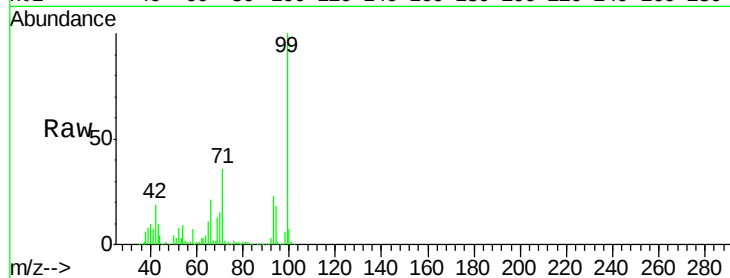
Tgt Ion: 99 Resp: 1892779

Ion Ratio Lower Upper

99 100

42 18.8 12.8 19.2

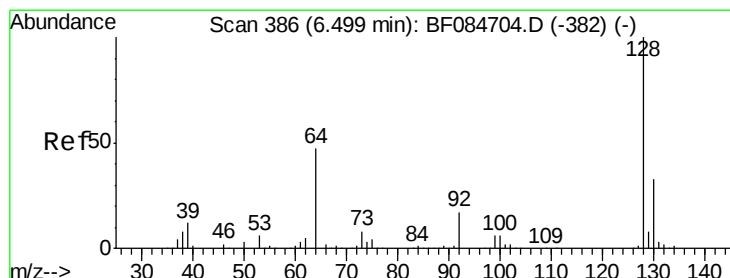
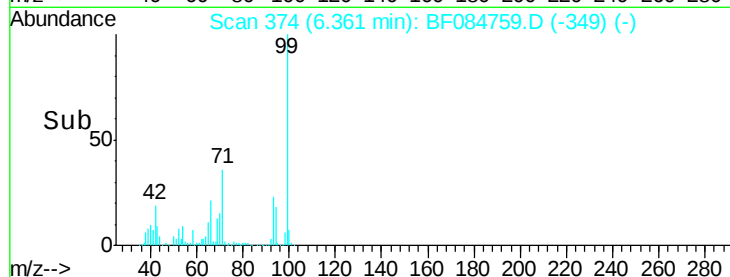
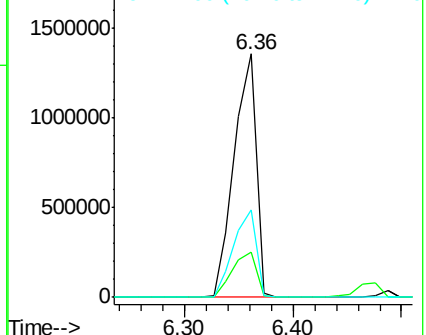
71 36.1 30.9 46.3



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: 43.98 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

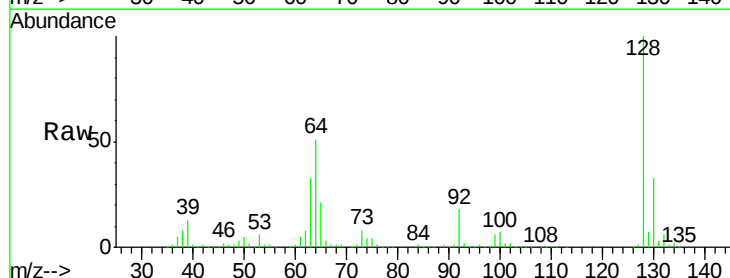
Tgt Ion: 128 Resp: 561181

Ion Ratio Lower Upper

128 100

130 33.0 11.6 51.6

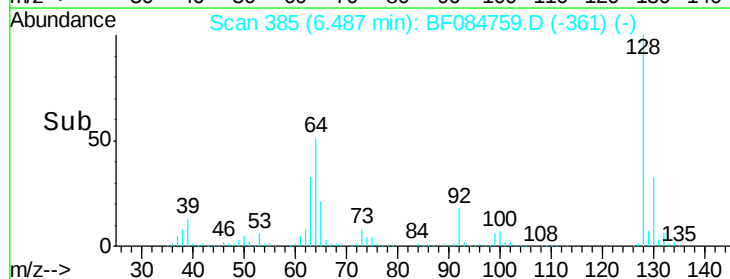
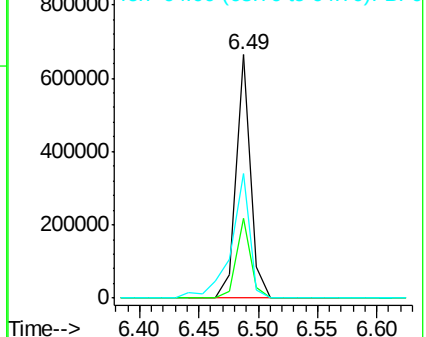
64 51.1 23.8 63.8

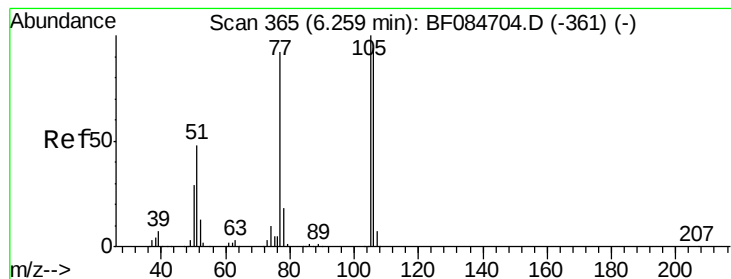


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.14 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.03 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

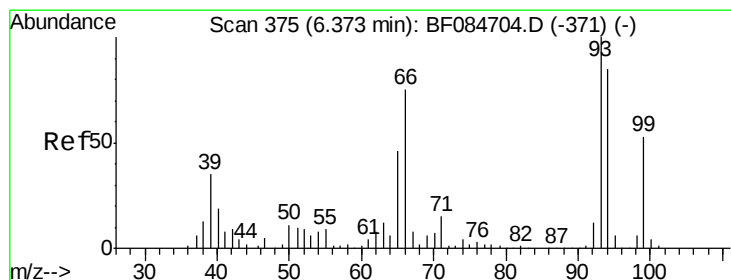
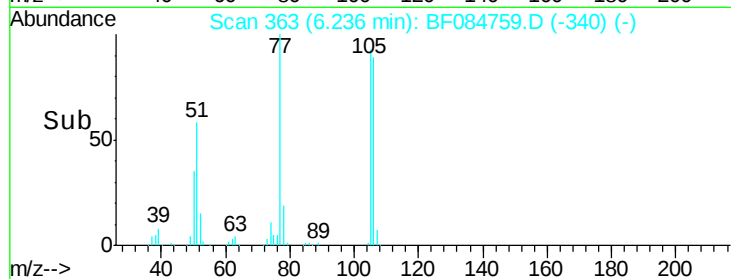
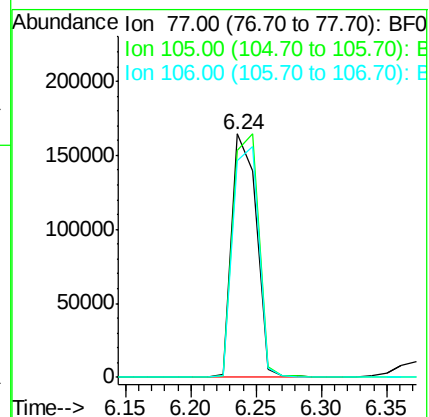
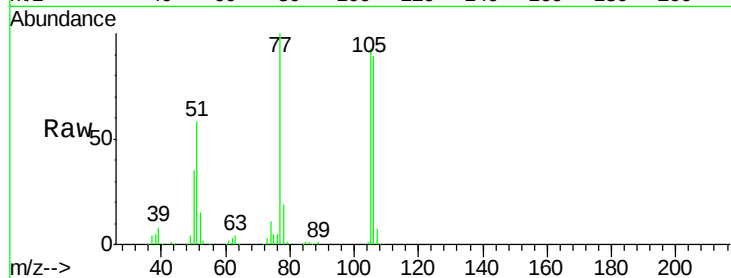
Tgt Ion: 77 Resp: 215727

Ion Ratio Lower Upper

77 100

105 93.1 83.0 123.0

106 88.8 74.6 114.6



#10

Phenol

Concen: 49.64 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

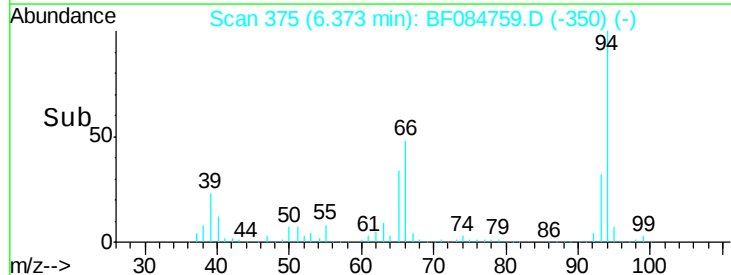
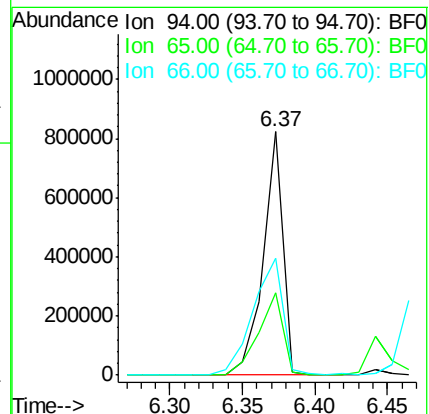
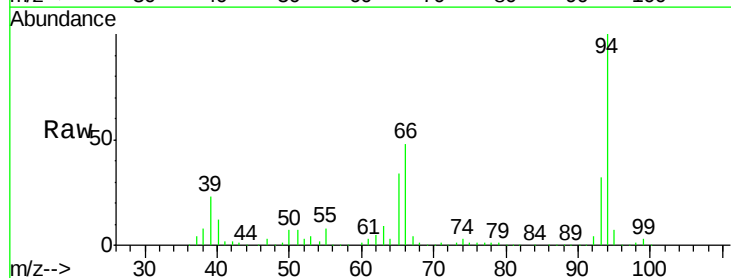
Tgt Ion: 94 Resp: 777129

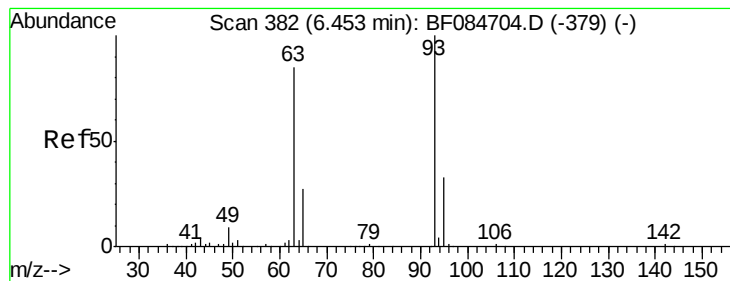
Ion Ratio Lower Upper

94 100

65 33.7 12.9 52.9

66 47.9 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 41.25 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

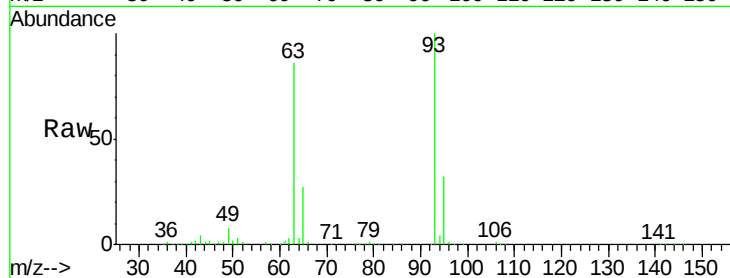
Tgt Ion: 93 Resp: 503651

Ion Ratio Lower Upper

93 100

63 86.0 45.9 85.9#

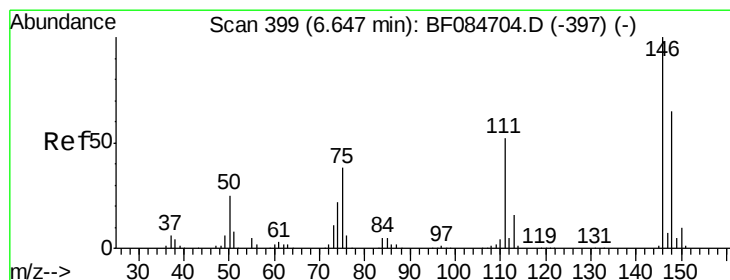
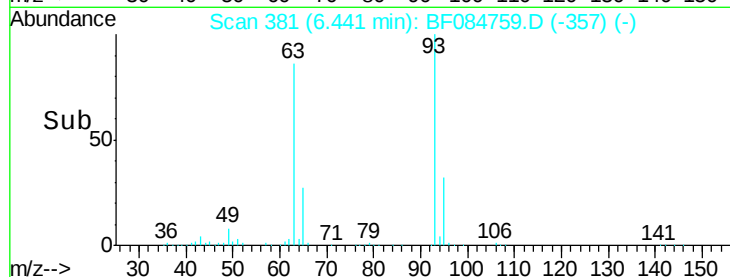
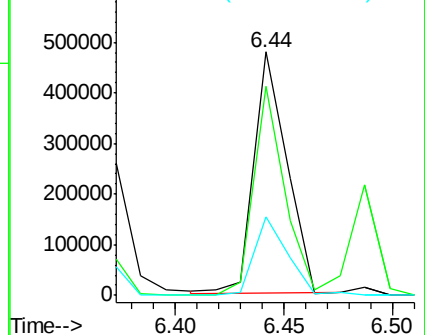
95 32.1 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.34 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

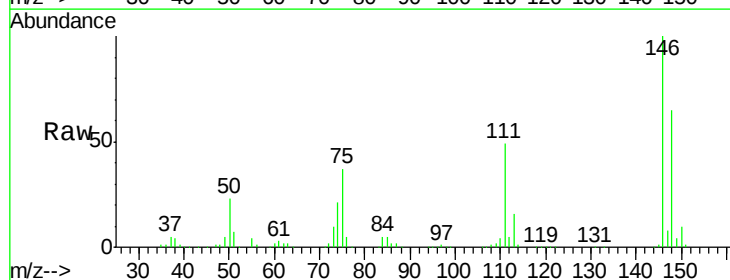
Tgt Ion: 146 Resp: 543885

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

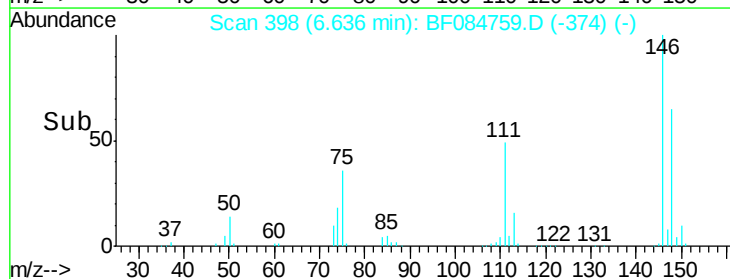
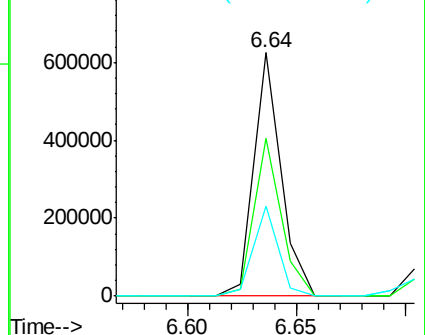
75 37.1 20.5 30.7#

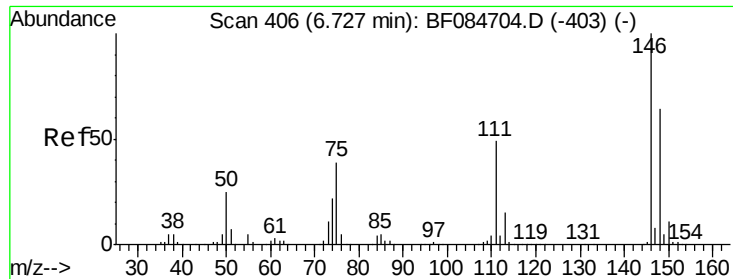


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

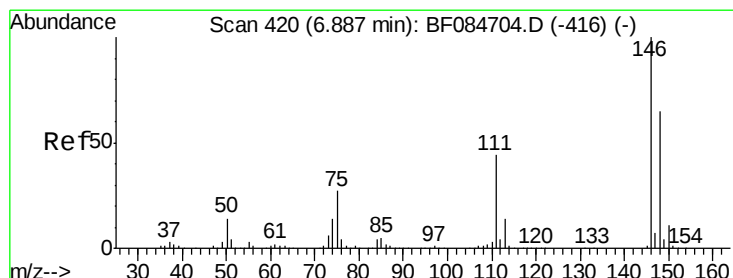
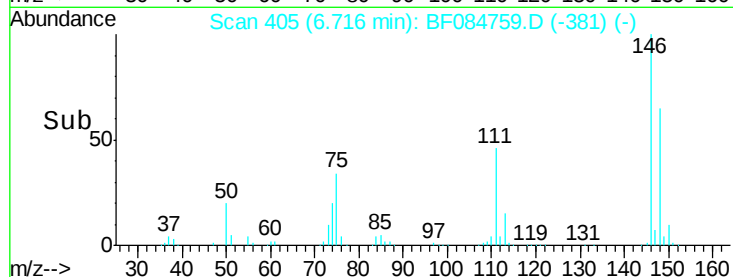
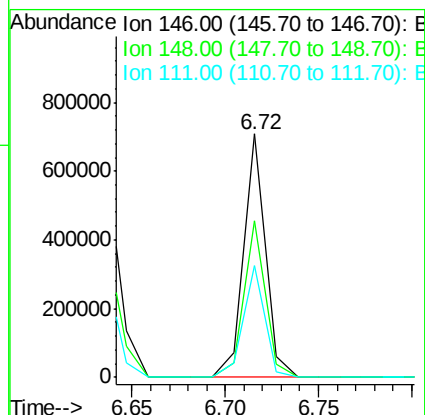
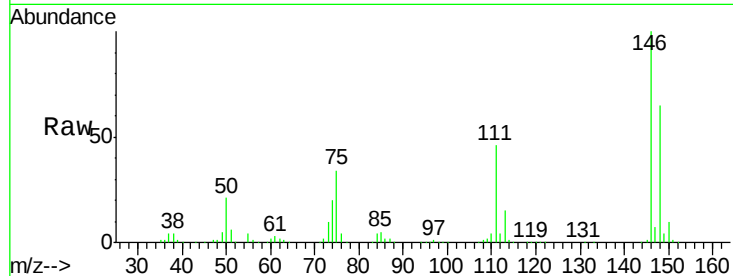




#13
 1,4-Dichlorobenzene
 Concen: 42.71 ng
 RT: 6.72 min Scan# 405
 Delta R.T. -0.02 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

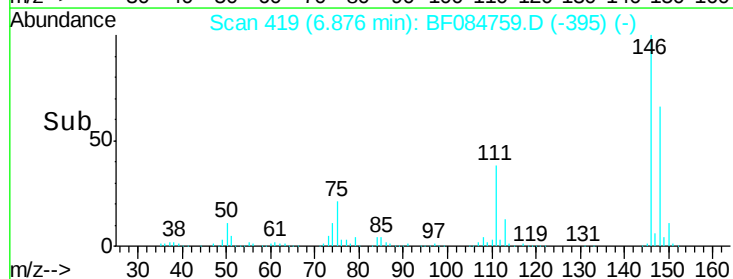
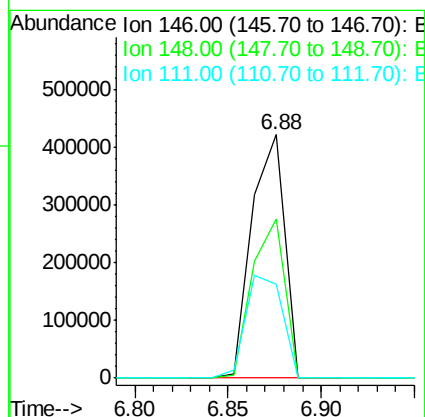
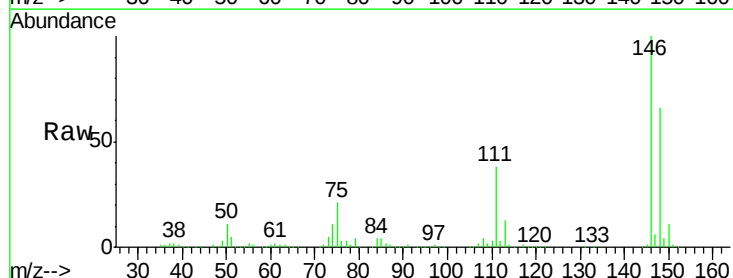
Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MSD

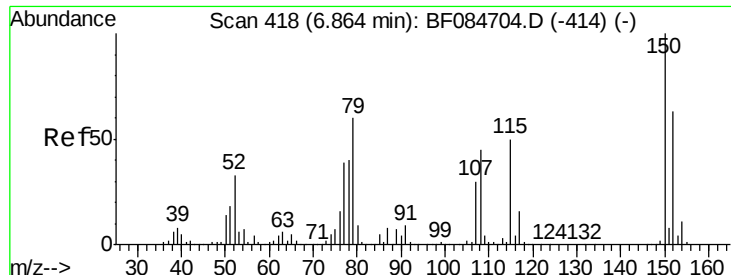
Tgt Ion:146 Resp: 575554
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.9 77.9
 111 46.1 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 41.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Tgt Ion:146 Resp: 514678
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.6 77.4
 111 38.5 38.0 57.0

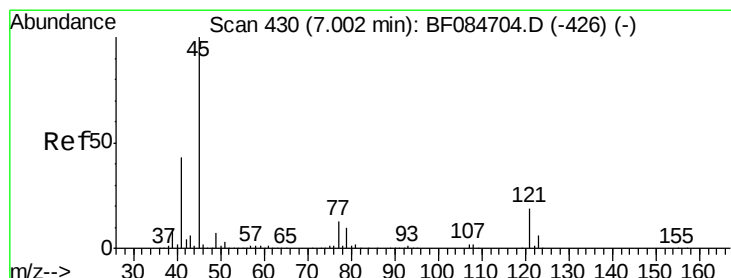
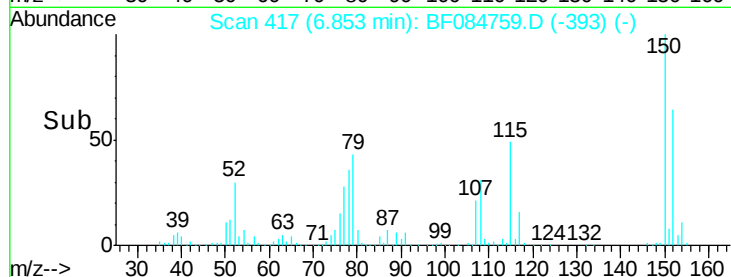
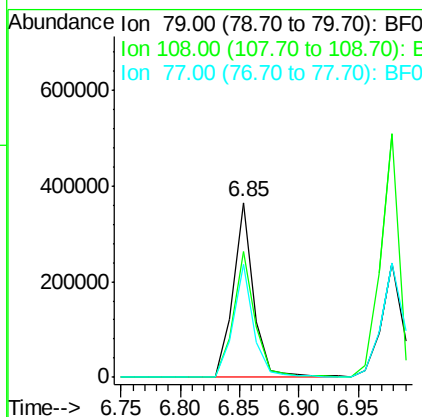
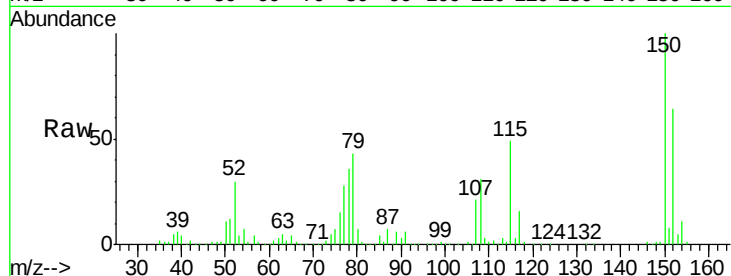




#15
Benzyl Alcohol
Concen: 45.66 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

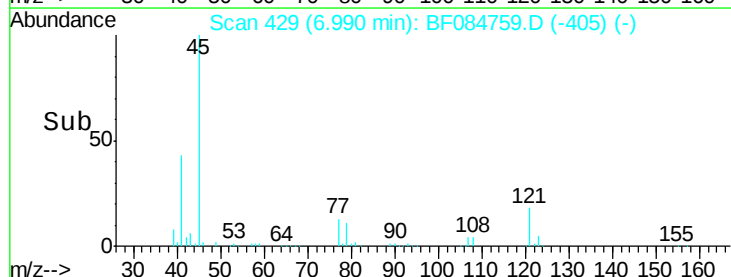
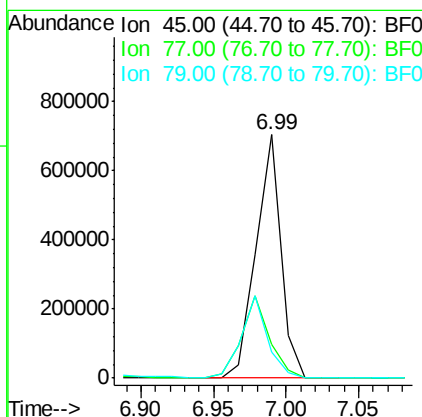
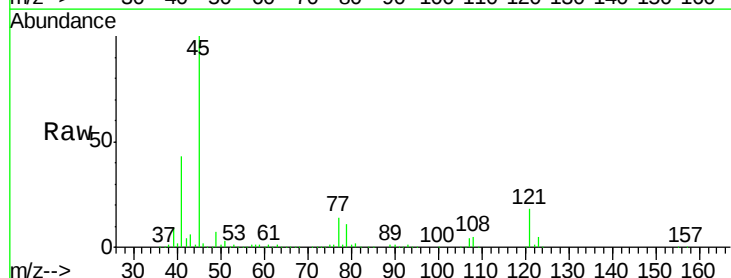
Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MSD

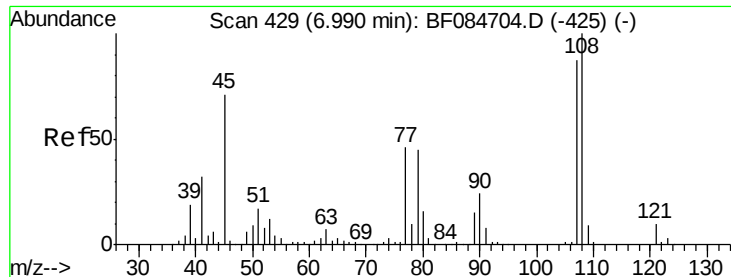
Tgt Ion: 79 Resp: 440642
Ion Ratio Lower Upper
79 100
108 71.8 69.0 103.4
77 64.7 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.92 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Tgt Ion: 45 Resp: 840321
Ion Ratio Lower Upper
45 100
77 13.6 0.0 39.6
79 10.8 0.0 35.0





#17

2-Methylphenol

Concen: 46.54 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

Tgt Ion:107 Resp: 469670

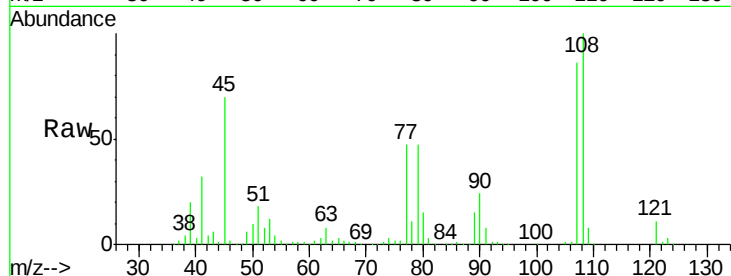
Ion Ratio Lower Upper

107 100

108 116.0 89.8 134.6

77 54.6 35.7 53.5#

79 54.4 35.7 53.5#

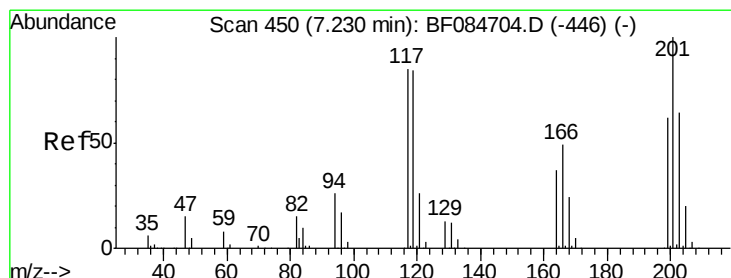
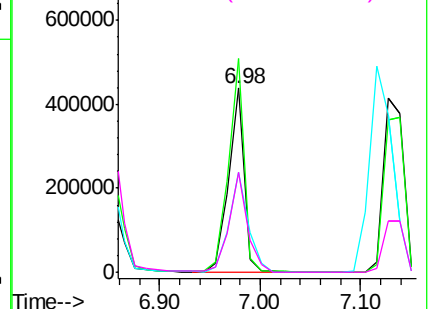
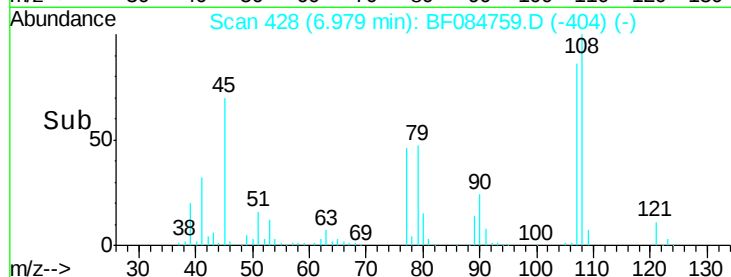


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.65 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

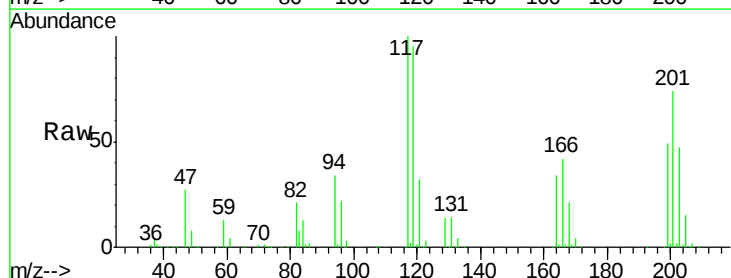
Tgt Ion:117 Resp: 216162

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0

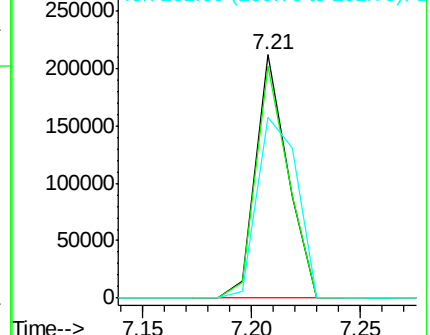
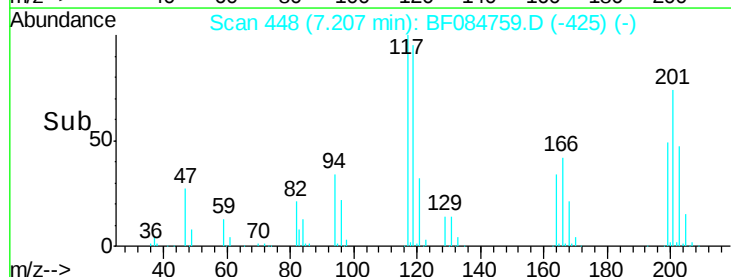
201 74.1 68.6 103.0

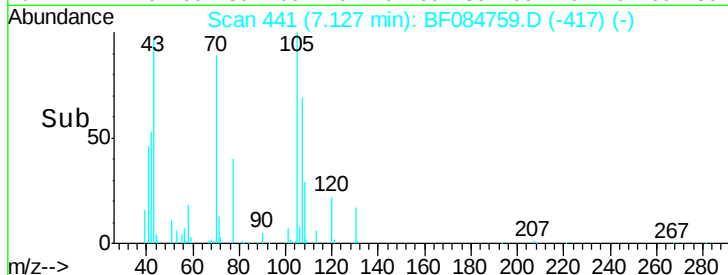
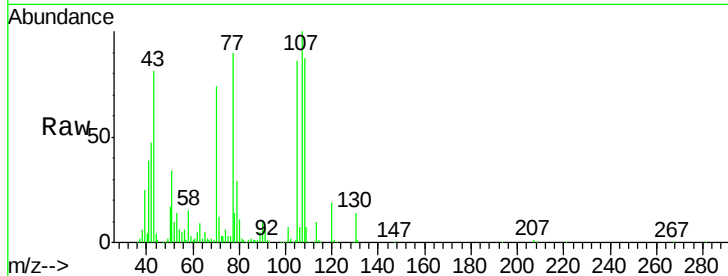
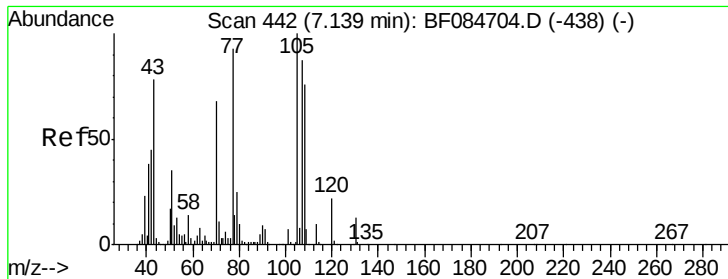


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

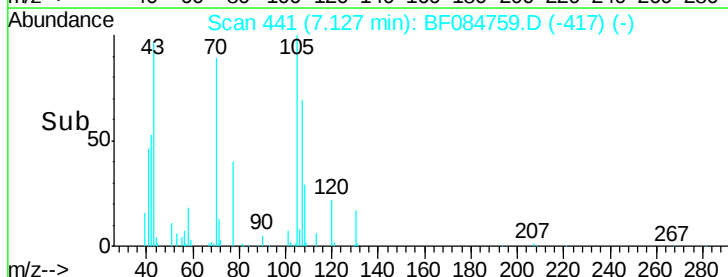
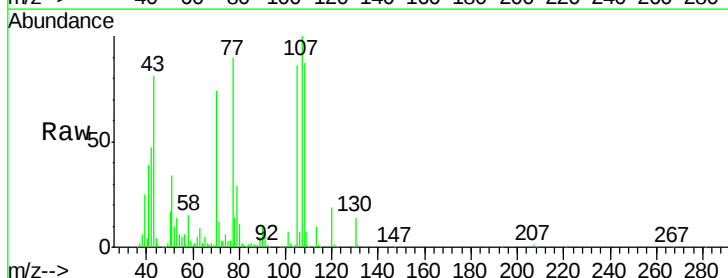
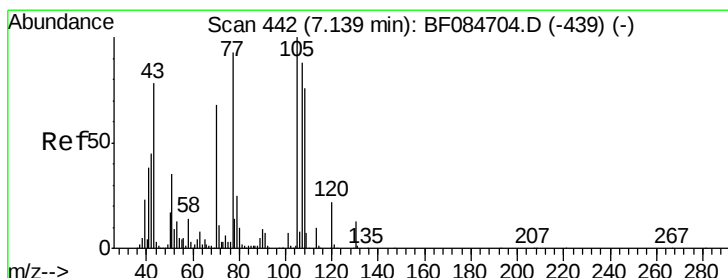
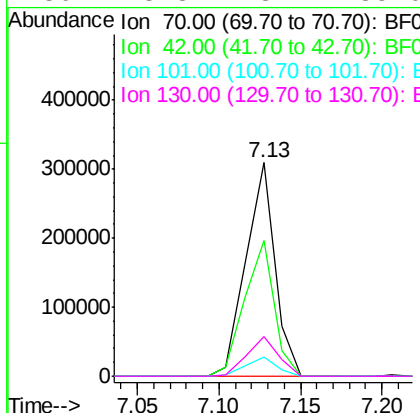




#19
n-Nitroso-di-n-propylamine
Concen: 43.58 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

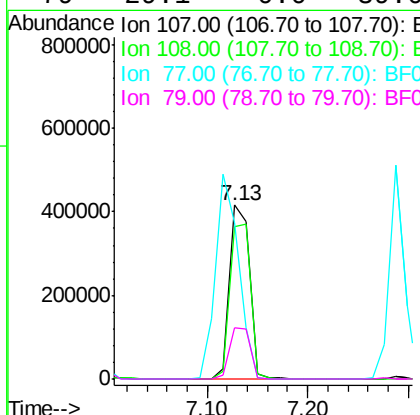
Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MSD

Tgt Ion:	70	Resp:	381758
Ion	Ratio	Lower	Upper
70	100		
42	63.5	33.3	49.9#
101	8.9	9.3	13.9#
130	18.8	23.4	35.0#



#20
3+4-Methylphenols
Concen: 46.21 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Tgt Ion:	107	Resp:	578840
Ion	Ratio	Lower	Upper
107	100		
108	87.3	74.6	114.6
77	90.1	0.7	40.7#
79	29.1	0.0	39.0

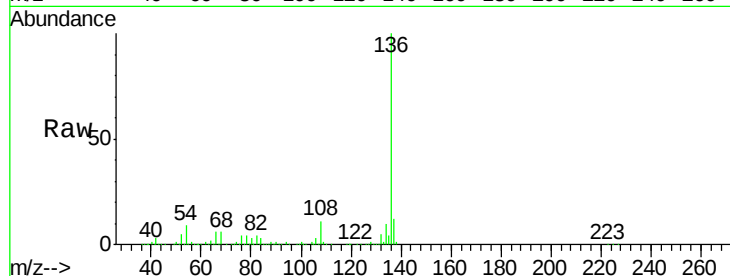




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MSD

Tgt Ion:	136	Resp:	697721
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.3	5.8	8.8#
68	5.7	4.2	6.2



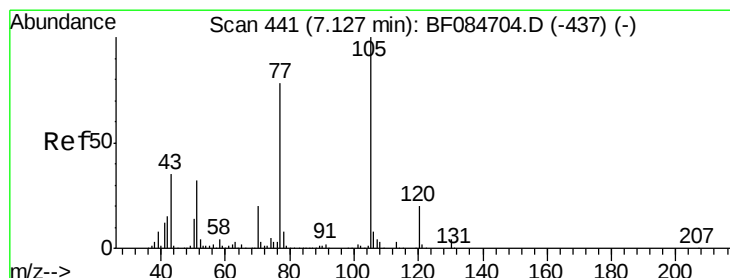
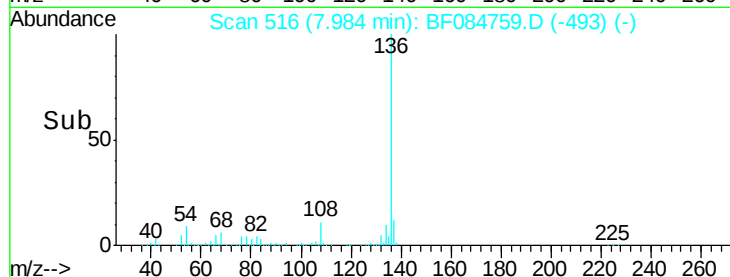
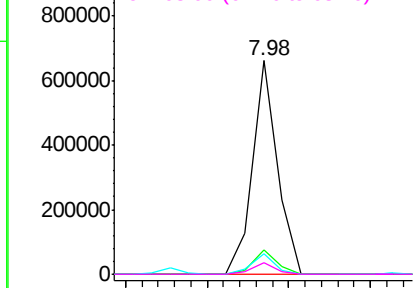
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

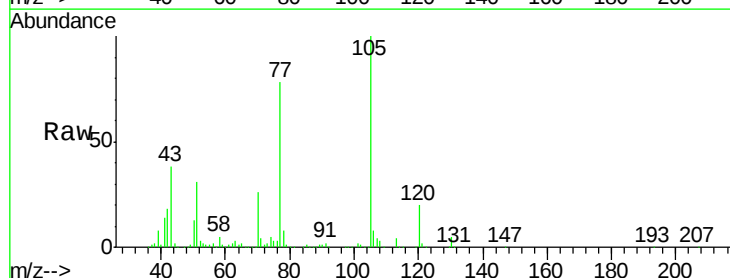
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 43.71 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Tgt Ion:	105	Resp:	803723
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.7	5.5
51	30.9	25.1	37.7
120	20.1	16.6	25.0



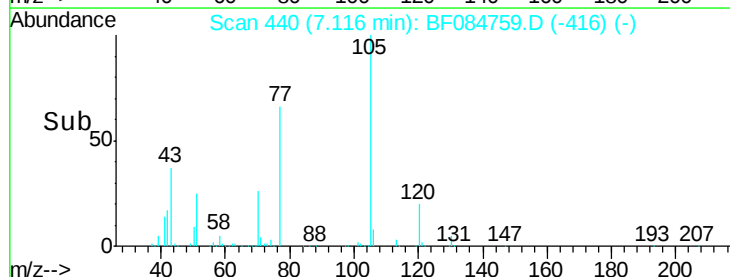
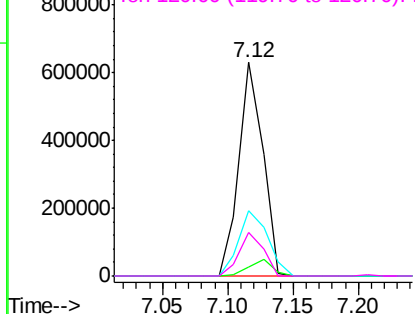
Abundance

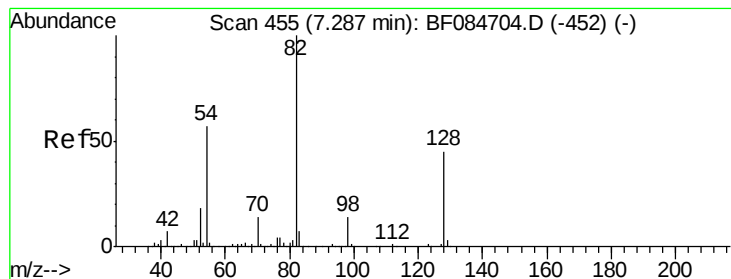
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 99.14 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

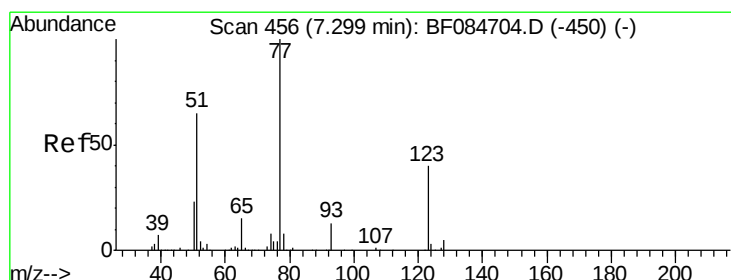
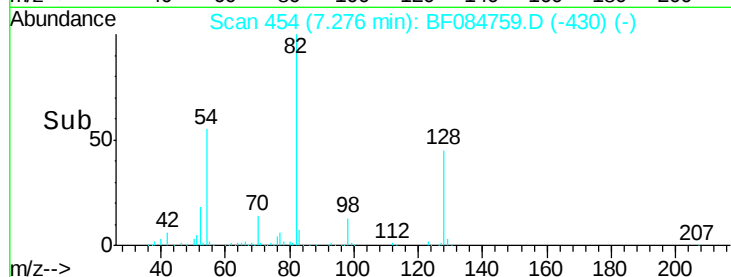
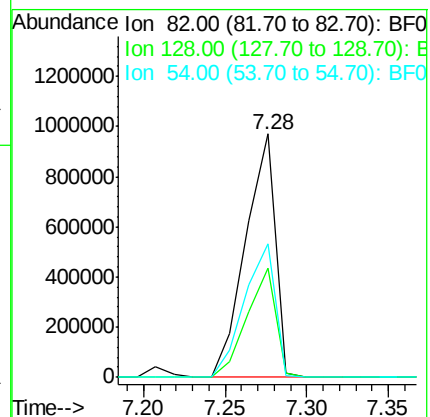
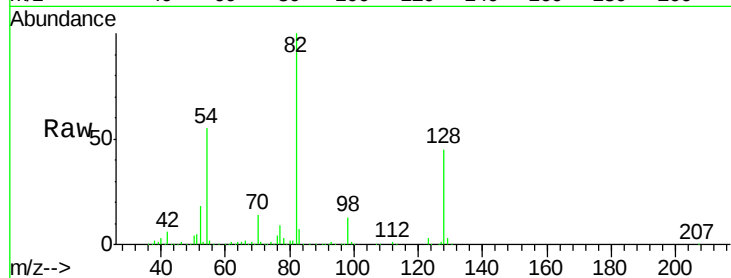
Tgt Ion: 82 Resp: 1227911

Ion Ratio Lower Upper

82 100

128 44.6 34.6 51.8

54 55.0 38.4 57.6



#24

Nitrobenzene

Concen: 40.16 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

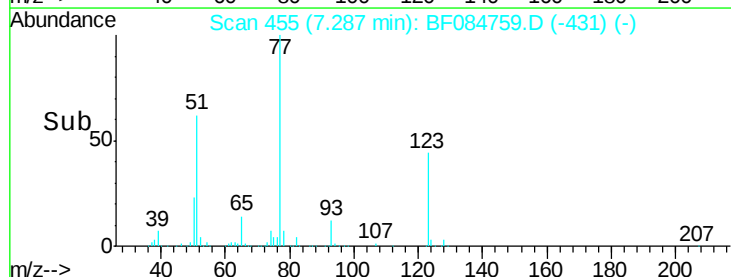
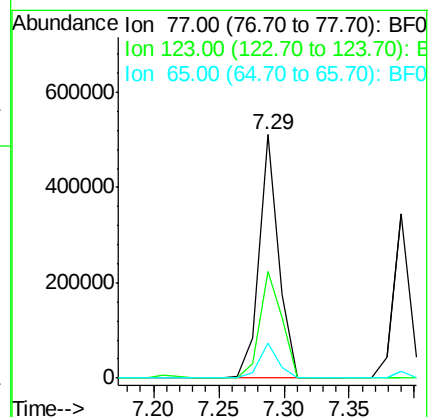
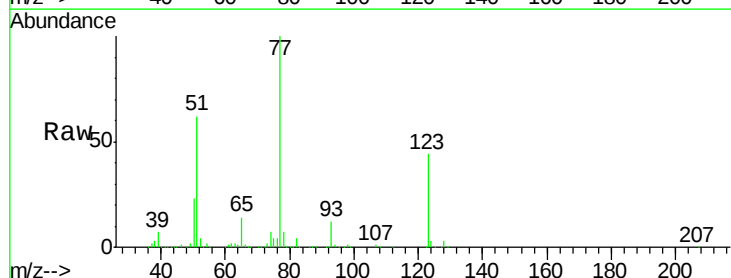
Tgt Ion: 77 Resp: 532613

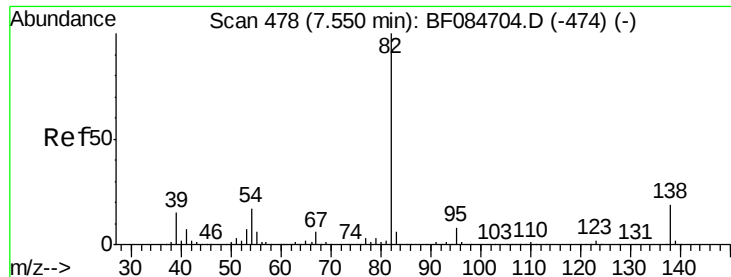
Ion Ratio Lower Upper

77 100

123 43.6 37.4 56.2

65 14.4 10.9 16.3

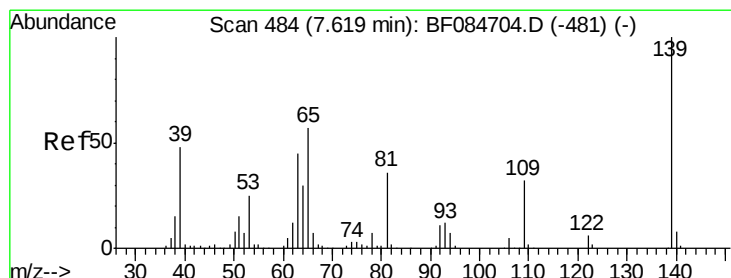
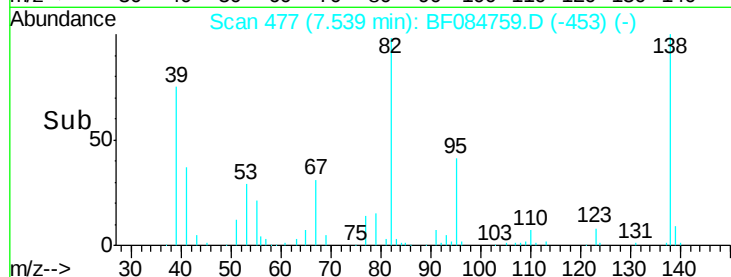
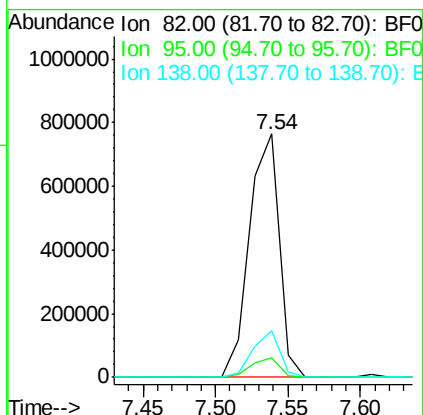
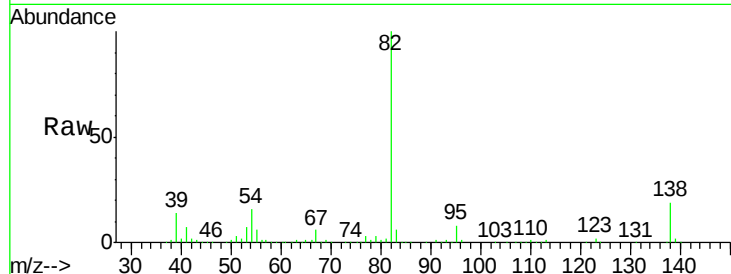




#25
Isophorone
Concen: 45.26 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

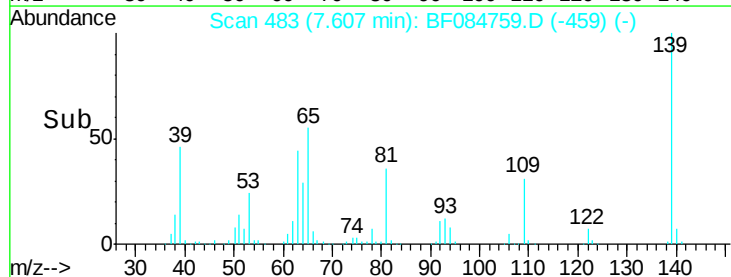
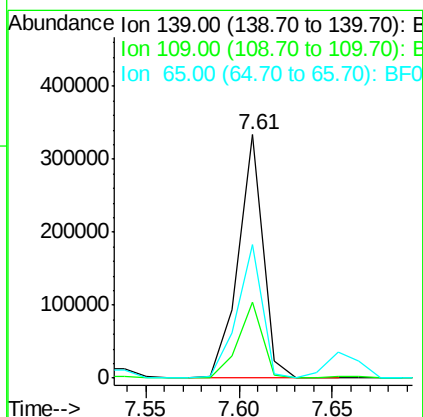
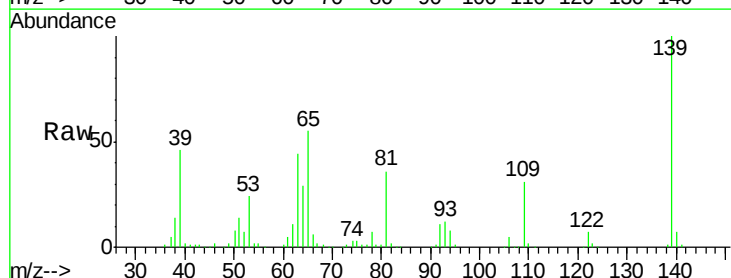
Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MSD

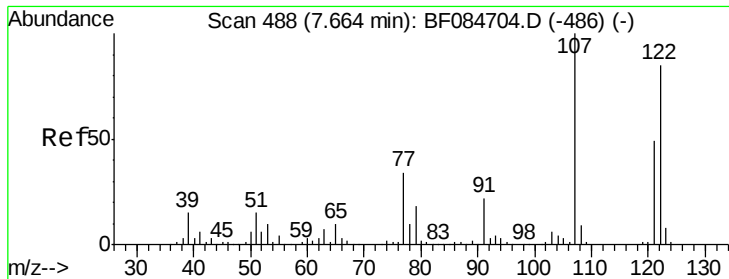
Tgt Ion: 82 Resp: 1090002
Ion Ratio Lower Upper
82 100
95 7.8 6.6 10.0
138 18.9 13.6 20.4



#26
2-Nitrophenol
Concen: 47.44 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Tgt Ion: 139 Resp: 310339
Ion Ratio Lower Upper
139 100
109 31.4 25.4 38.2
65 54.7 32.3 48.5#

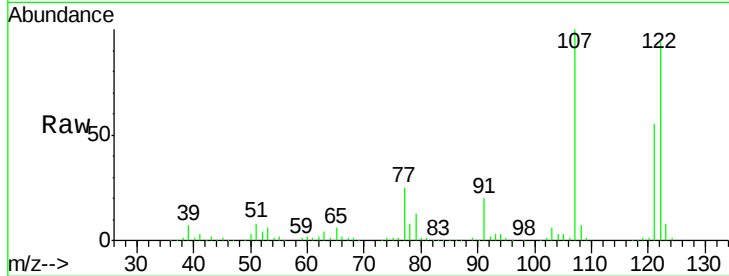




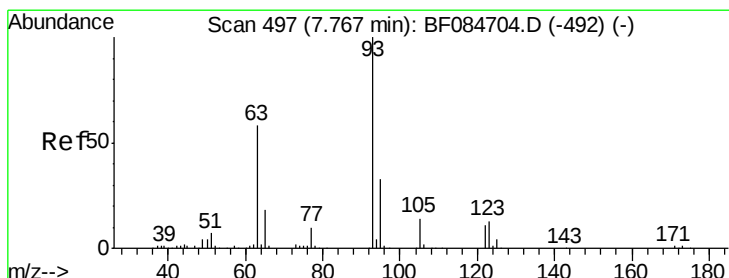
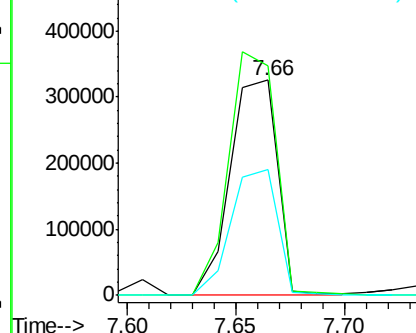
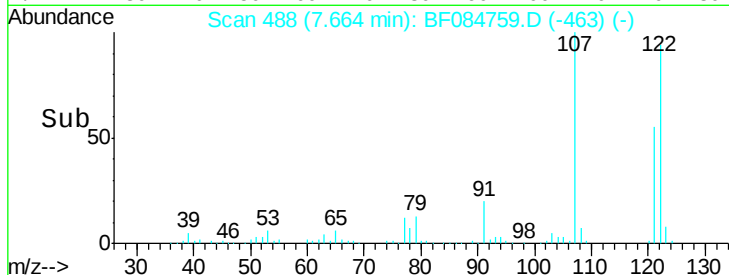
#27
 2,4-Dimethylphenol
 Concen: 43.30 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MSD

Tgt Ion:122 Resp: 492729
 Ion Ratio Lower Upper
 122 100
 107 106.7 99.1 148.7
 121 58.2 47.9 71.9

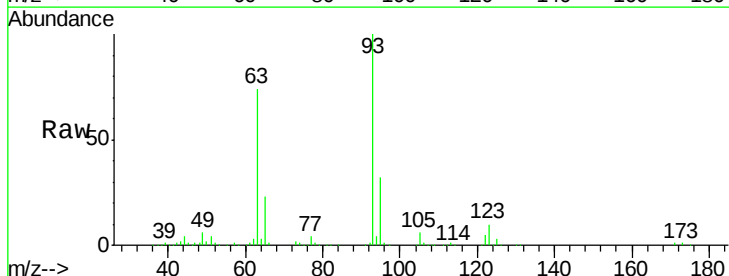


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

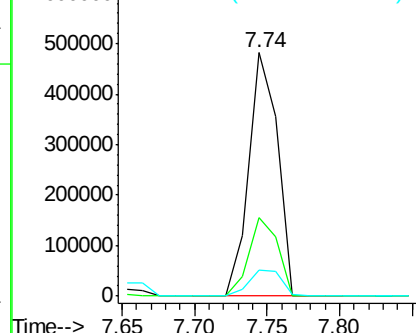
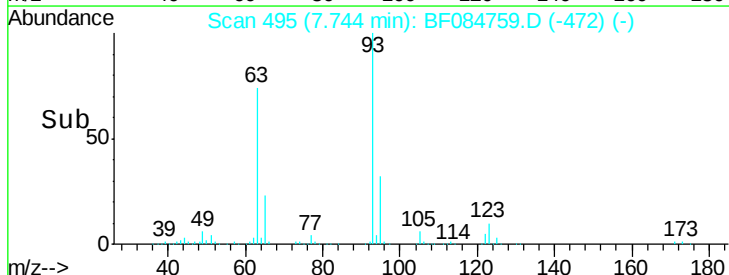


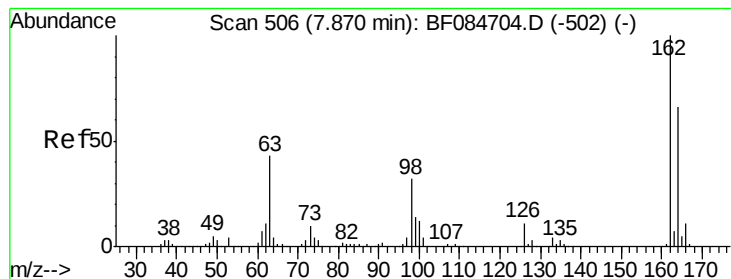
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.06 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Tgt Ion: 93 Resp: 658119
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.8 38.6
 123 10.5 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.92 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

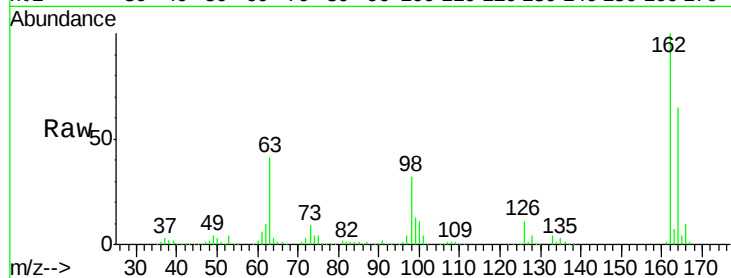
Tgt Ion:162 Resp: 485952

Ion Ratio Lower Upper

162 100

164 64.9 44.1 84.1

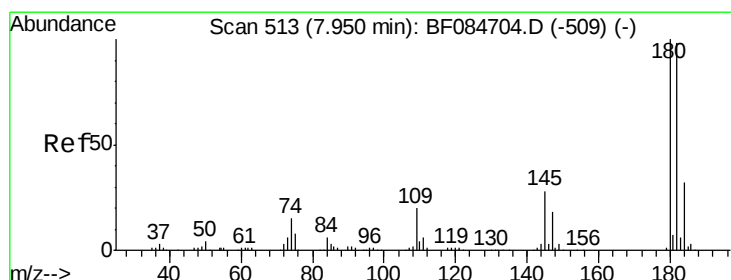
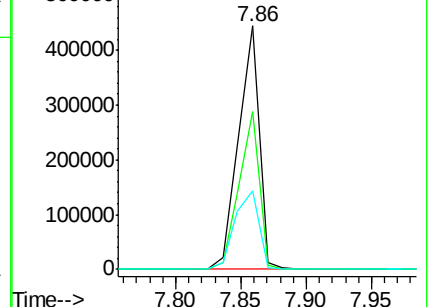
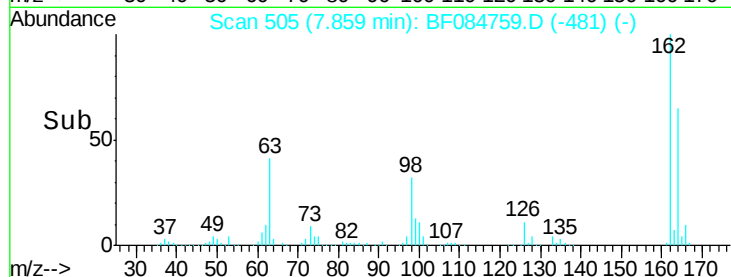
98 32.5 20.2 60.2



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: 43.62 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

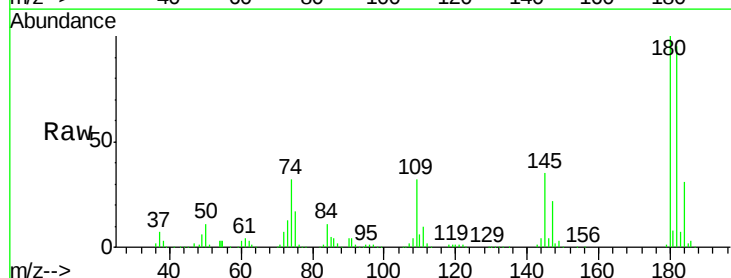
Tgt Ion:180 Resp: 479692

Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

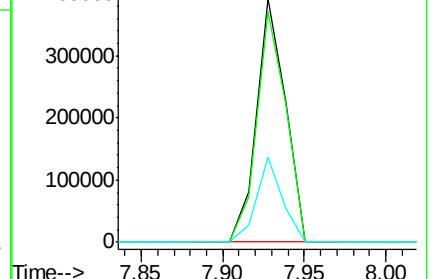
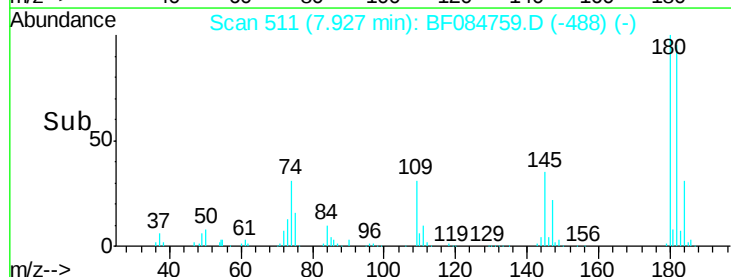
145 34.9 31.6 47.4



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: 42.70 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

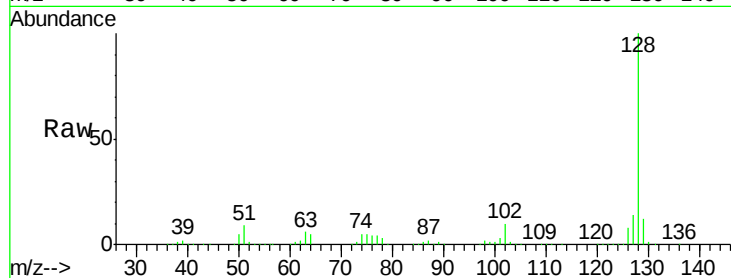
Tgt Ion:128 Resp: 1494397

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

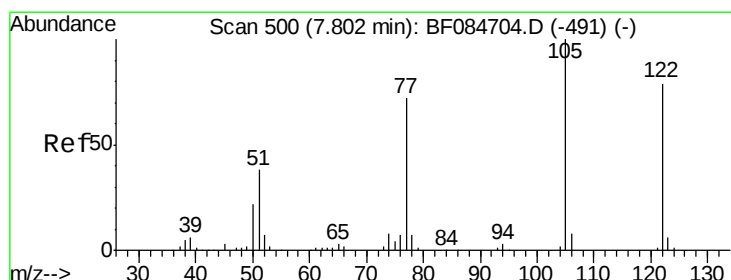
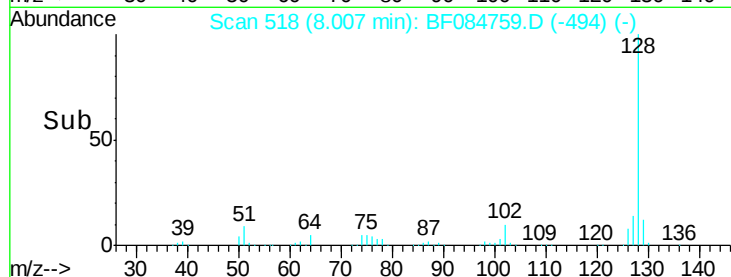
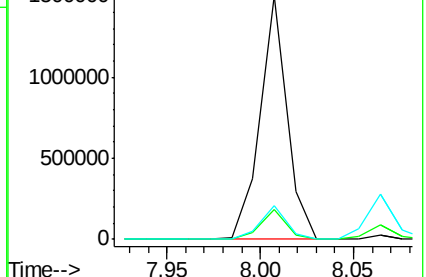
127 14.1 11.1 16.7



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: 14.69 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

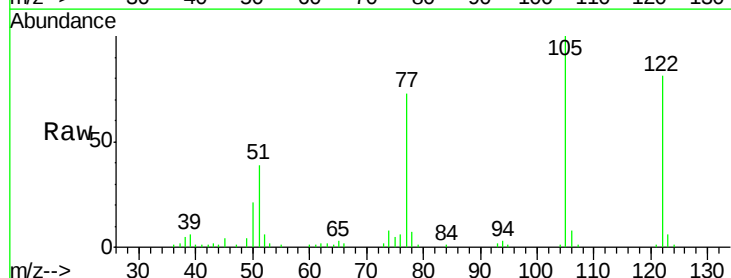
Tgt Ion:122 Resp: 106926

Ion Ratio Lower Upper

122 100

105 123.2 100.3 140.3

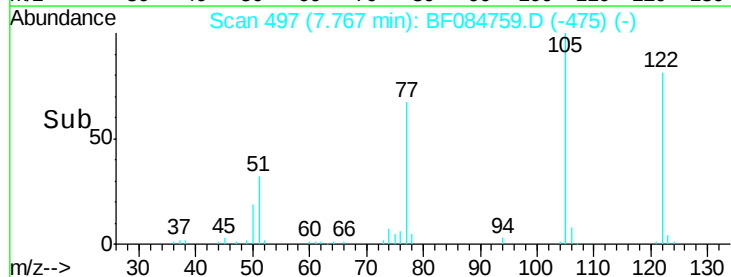
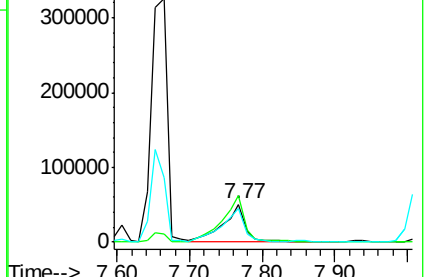
77 90.2 63.5 103.5

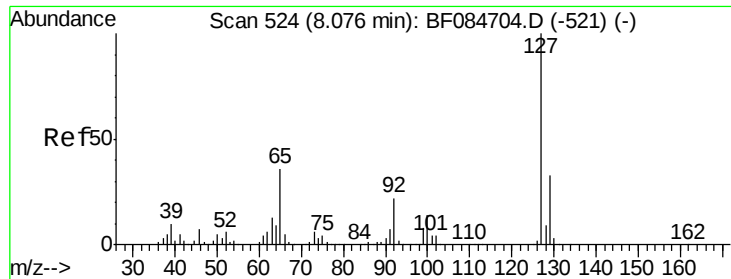


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

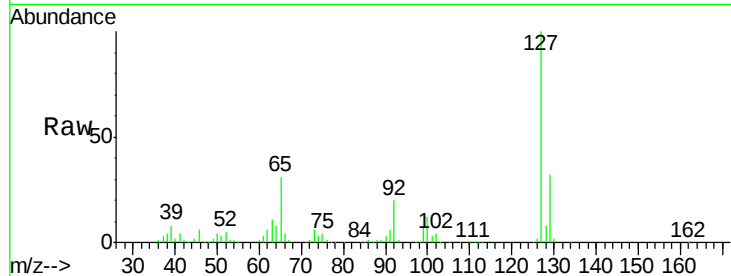




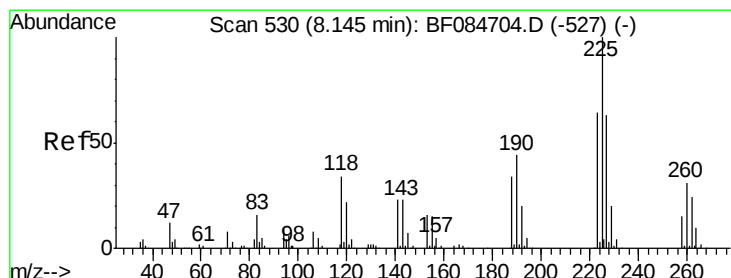
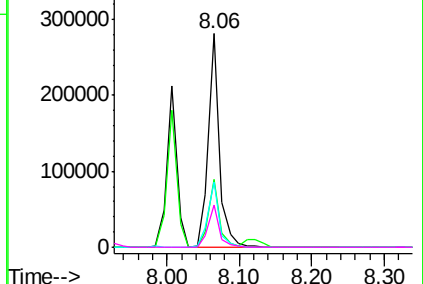
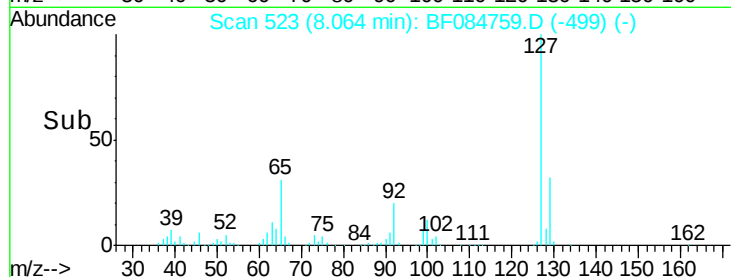
#33
4-Chloroaniline
Concen: 20.97 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MSD

Tgt Ion:	127	Resp:	303559
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	30.7	27.2	40.8
92	19.5	17.7	26.5

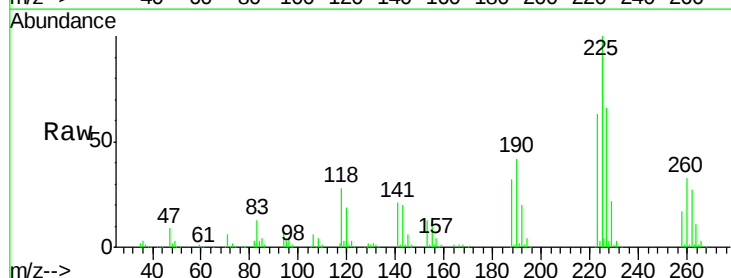


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

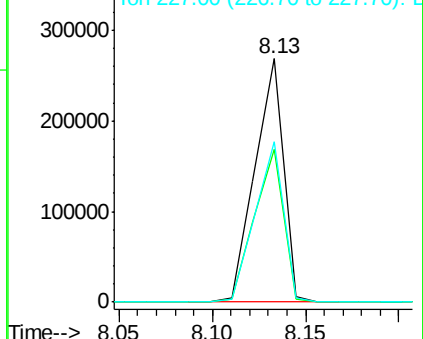
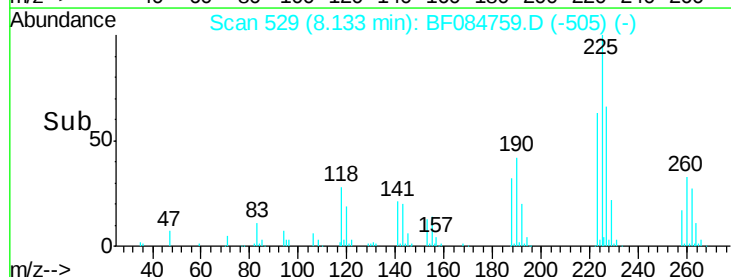


#34
Hexachlorobutadiene
Concen: 44.65 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Tgt Ion:	225	Resp:	283073
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.0
227	65.8	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

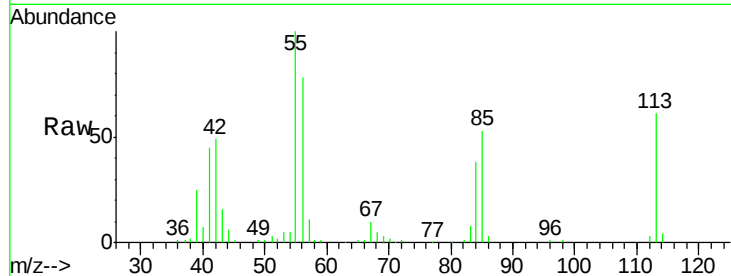




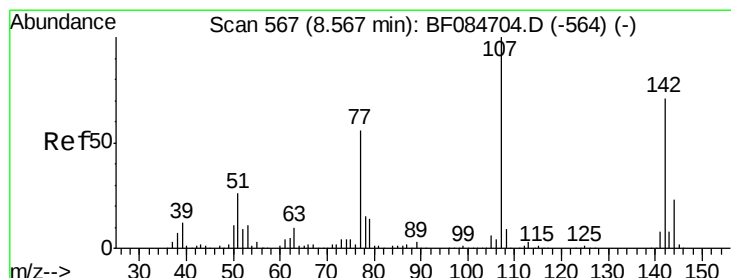
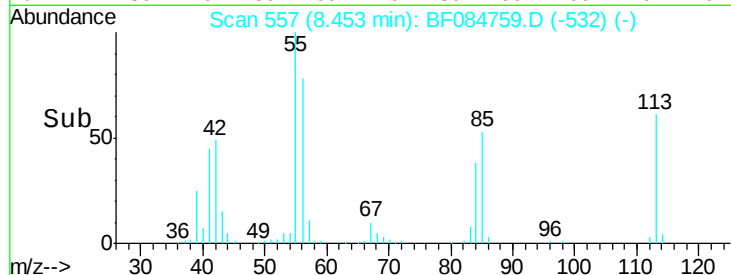
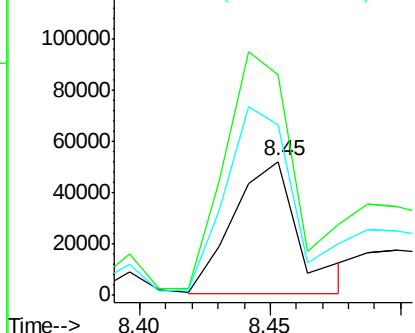
#35
 Caprolactam
 Concen: 30.41 ng
 RT: 8.45 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MSD

Tgt Ion:113 Resp: 91254
 Ion Ratio Lower Upper
 113 100
 55 164.5 116.9 156.9#
 56 127.5 93.8 133.8

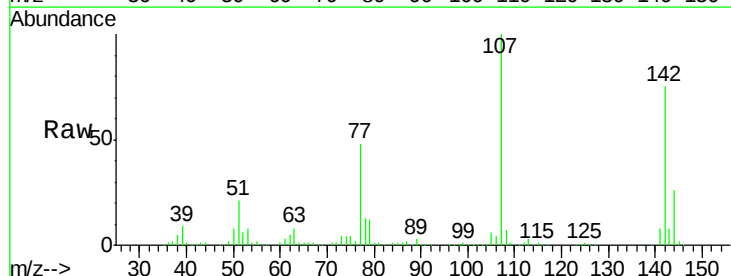


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

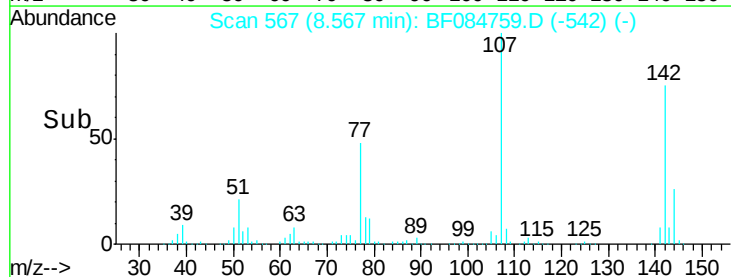
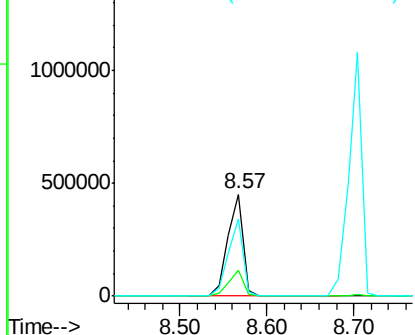


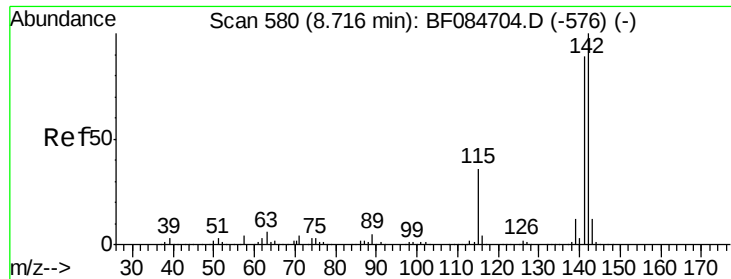
#36
 4-Chloro-3-methylphenol
 Concen: 49.74 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Tgt Ion:107 Resp: 552387
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.7 29.5
 142 75.4 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

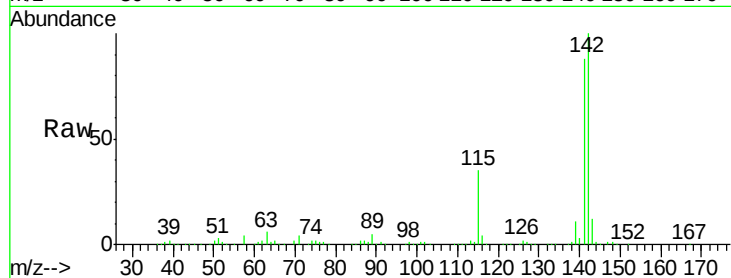




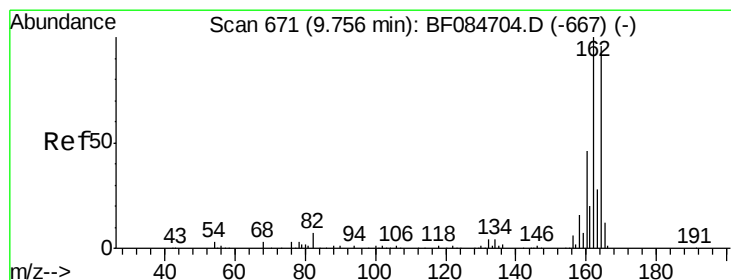
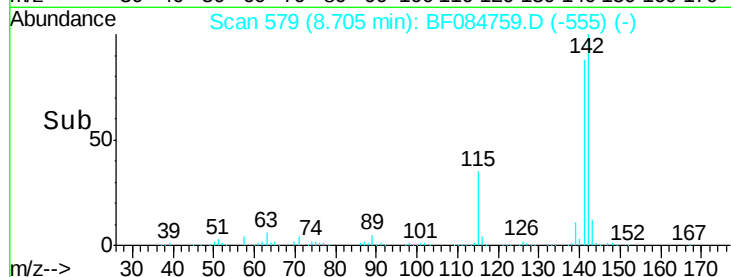
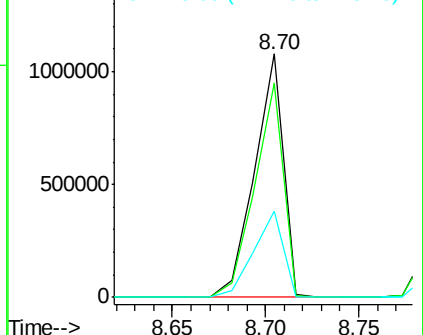
#37
2-Methylnaphthalene
Concen: 52.40 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MSD

Tgt Ion:142 Resp: 1147773
Ion Ratio Lower Upper
142 100
141 88.0 72.4 108.6
115 35.3 27.9 41.9

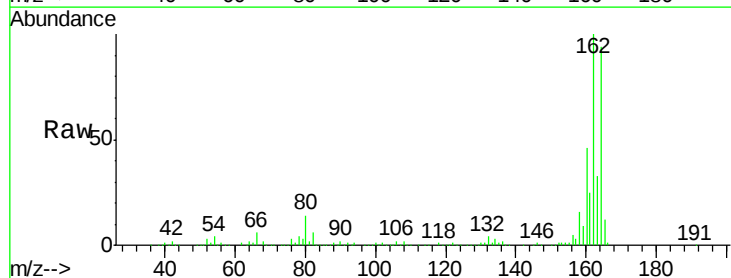


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

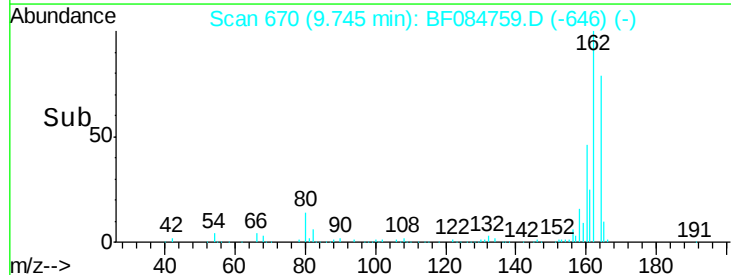
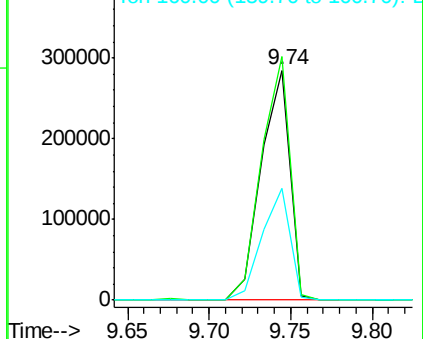


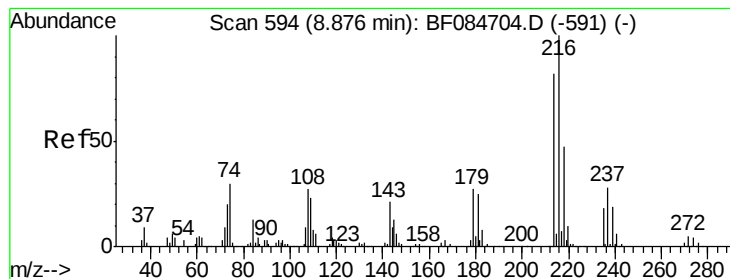
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Tgt Ion:164 Resp: 348225
Ion Ratio Lower Upper
164 100
162 106.1 85.1 127.7
160 48.5 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: 37.89 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

Tgt Ion:216 Resp: 419046

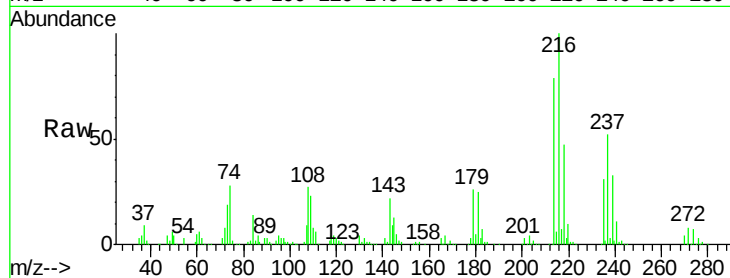
Ion Ratio Lower Upper

216 100

214 78.1 64.2 96.2

179 22.6 18.7 28.1

108 23.0 16.8 25.2

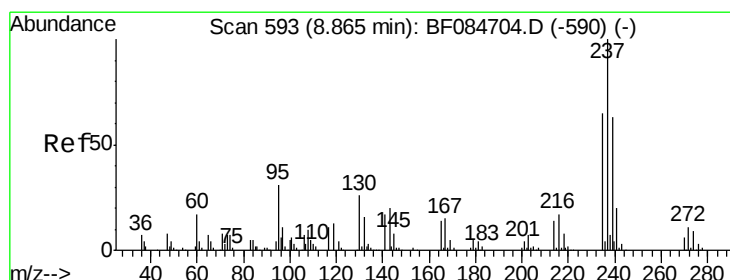
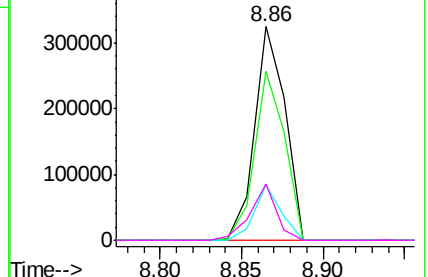
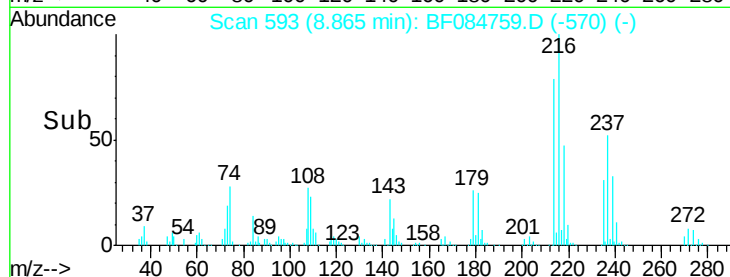


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.96 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

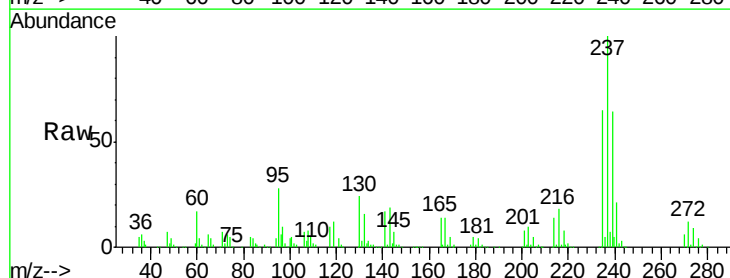
Tgt Ion:237 Resp: 425281

Ion Ratio Lower Upper

237 100

235 64.6 43.1 83.1

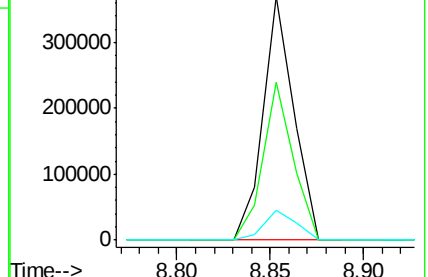
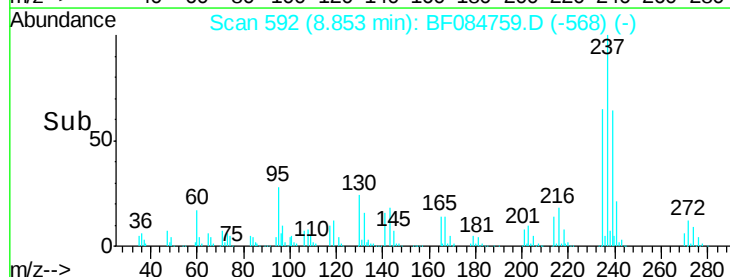
272 12.4 0.0 35.1



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

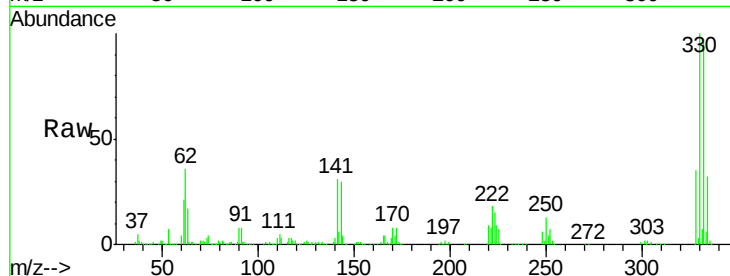




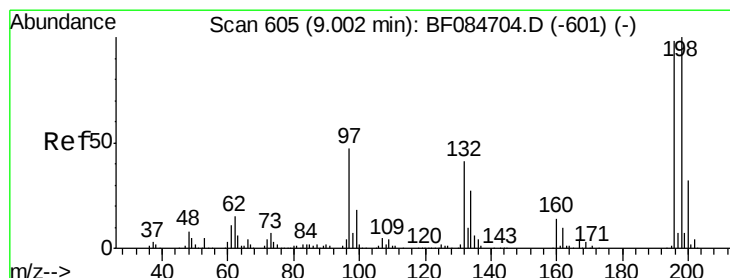
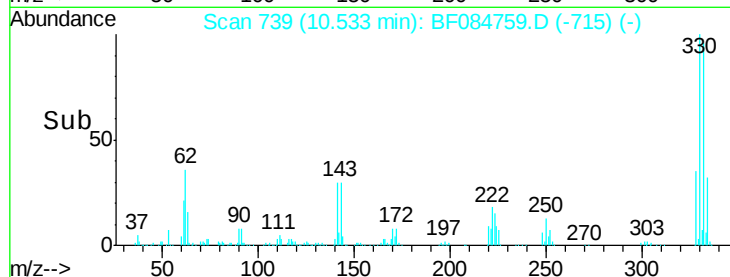
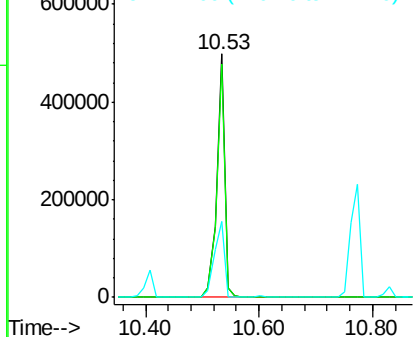
#41
 2,4,6-Tribromophenol
 Concen: 131.95 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MSD

Tgt Ion:330 Resp: 479280
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 39.2 27.8 41.6

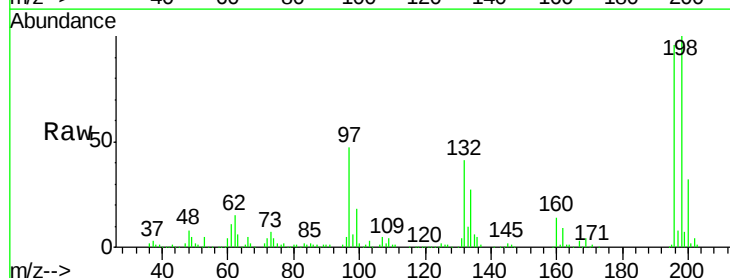


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

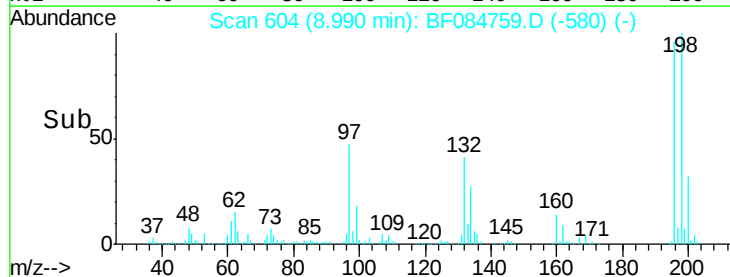
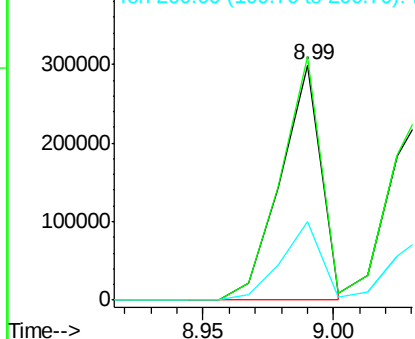


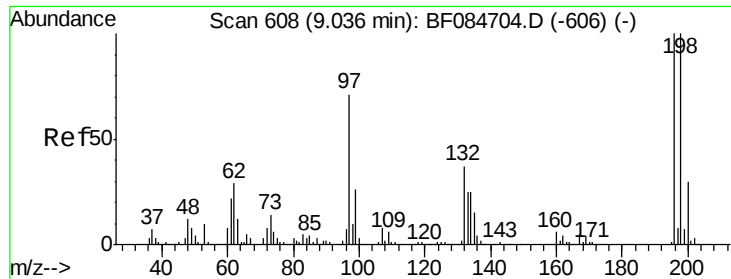
#42
 2,4,6-Trichlorophenol
 Concen: 45.39 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Tgt Ion:196 Resp: 323430
 Ion Ratio Lower Upper
 196 100
 198 103.7 77.7 116.5
 200 33.7 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

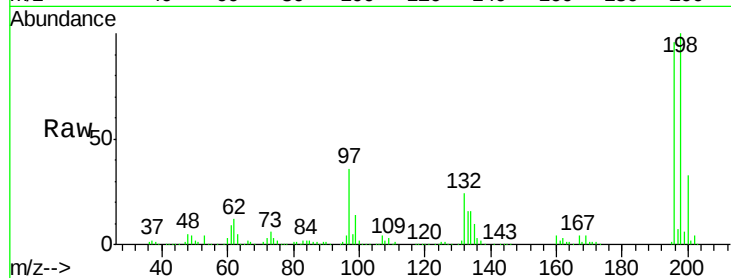




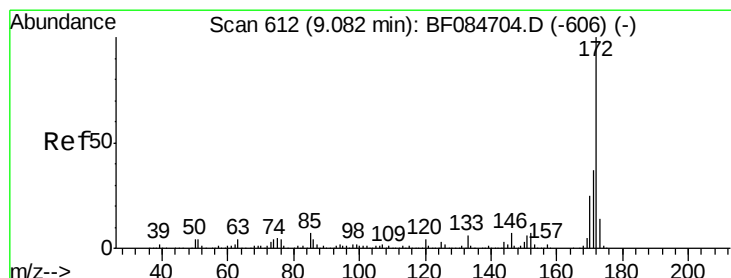
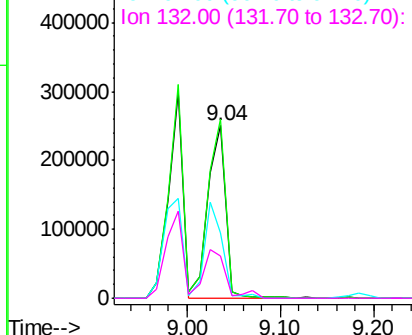
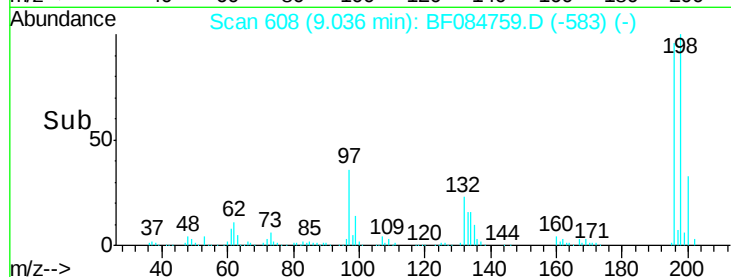
#43
 2,4,5-Trichlorophenol
 Concen: 45.64 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MSD

Tgt Ion:	196	Resp:	330415
Ion	Ratio	Lower	Upper
196	100		
198	104.1	79.0	118.6
97	37.6	33.0	49.6
132	24.6	21.1	31.7

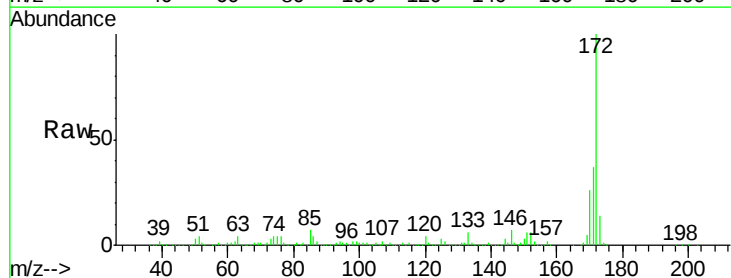


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

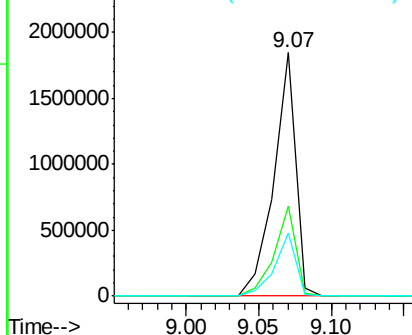
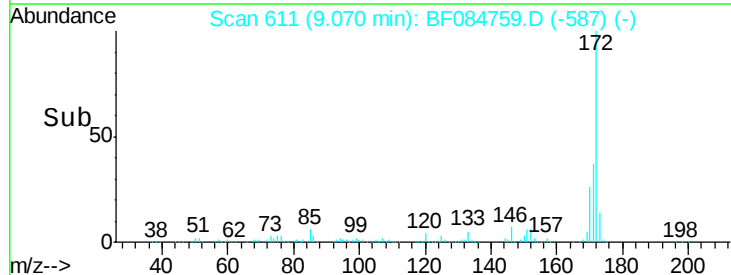


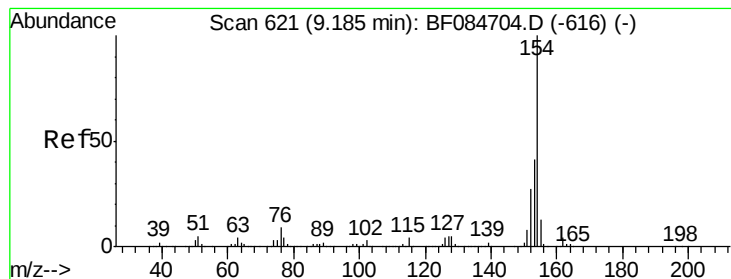
#44
 2-Fluorobiphenyl
 Concen: 98.67 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Tgt Ion:	172	Resp:	1930337
Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	25.8	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: 41.29 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

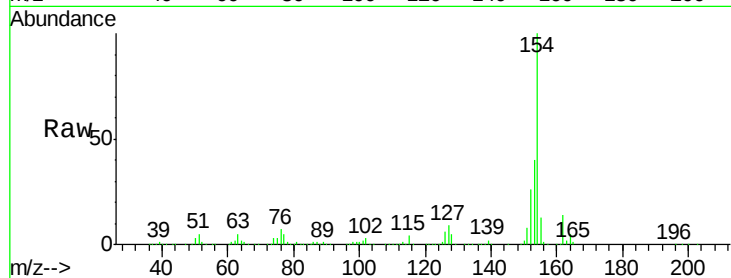
Tgt Ion:154 Resp: 1284194

Ion Ratio Lower Upper

154 100

153 39.7 21.6 61.6

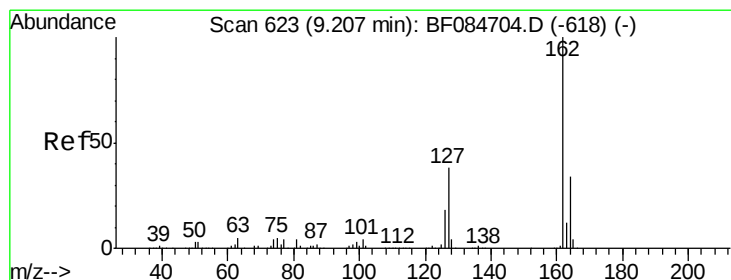
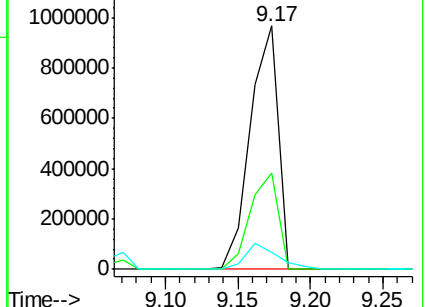
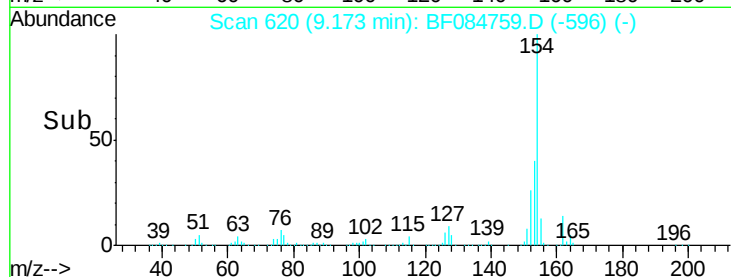
76 7.2 0.0 32.7



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: 41.44 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.03 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

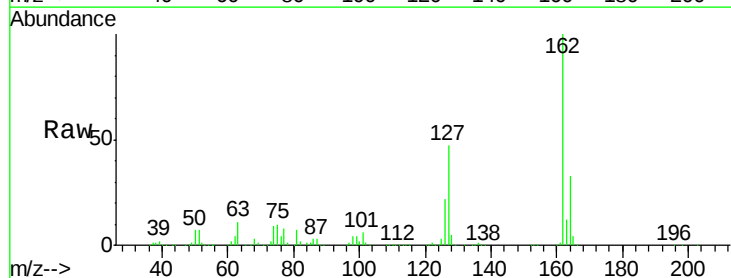
Tgt Ion:162 Resp: 949227

Ion Ratio Lower Upper

162 100

127 47.4 40.2 60.4

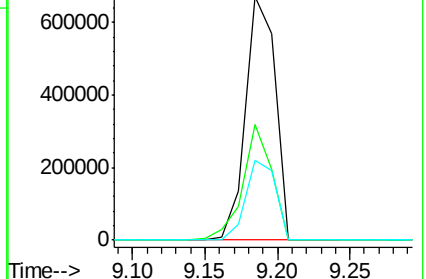
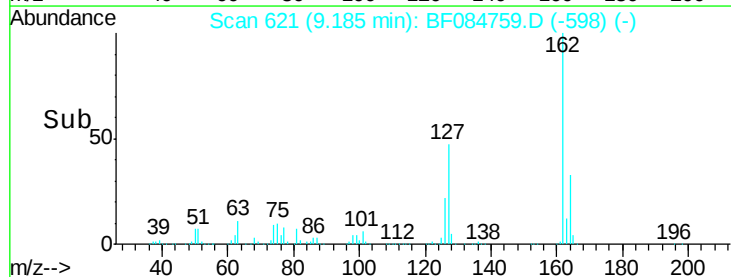
164 32.9 25.7 38.5

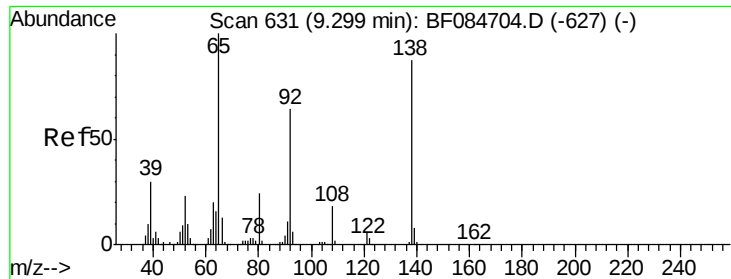


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

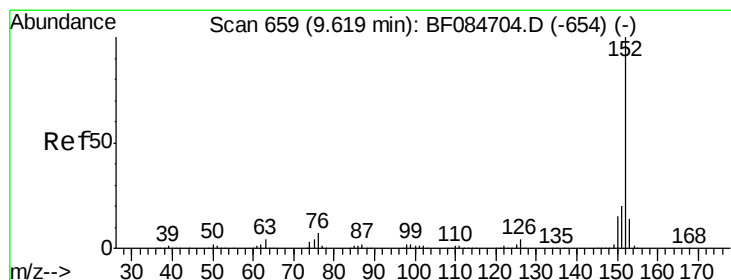
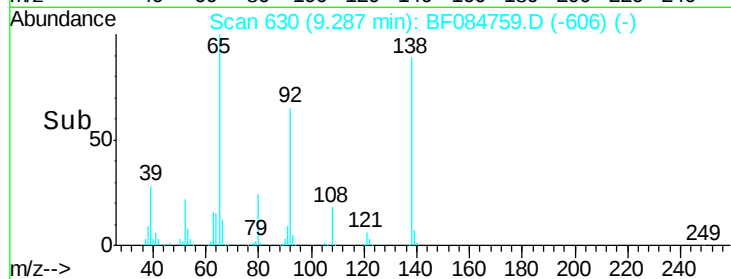
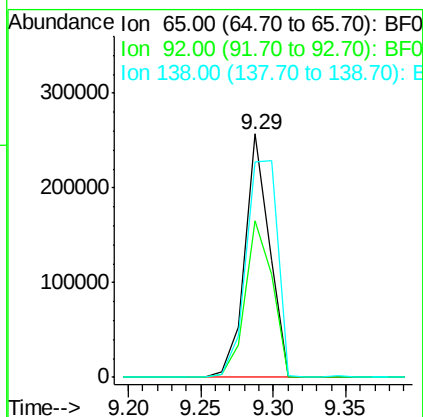
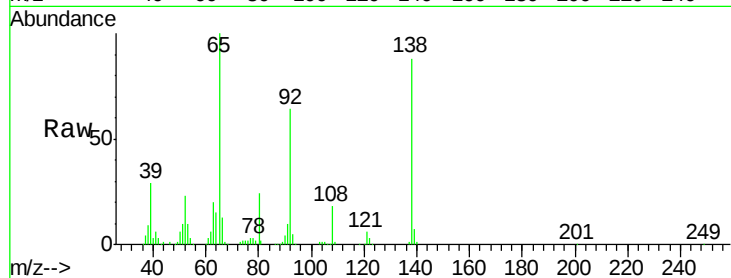




#47
2-Nitroaniline
Concen: 41.74 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

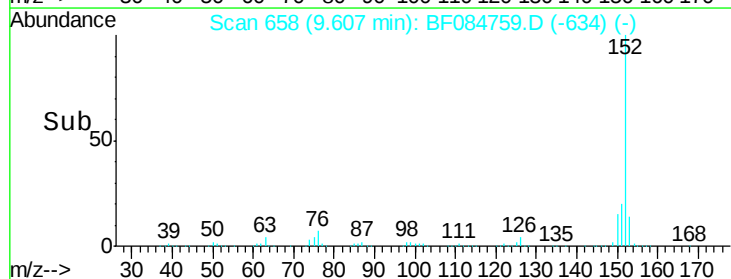
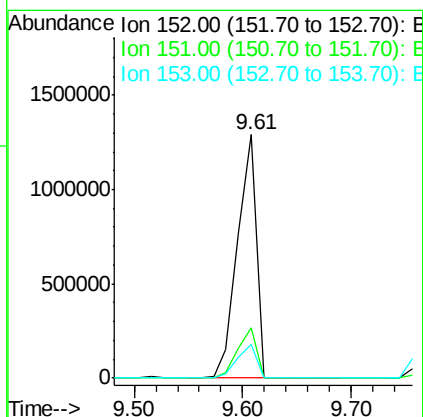
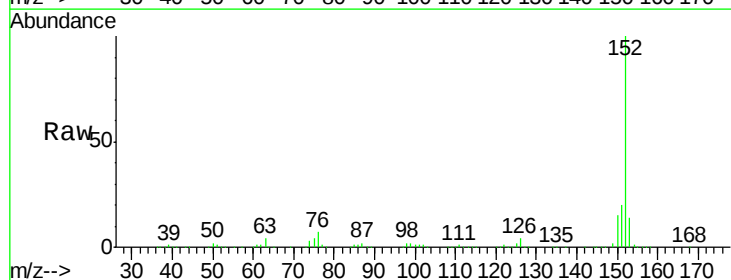
Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MSD

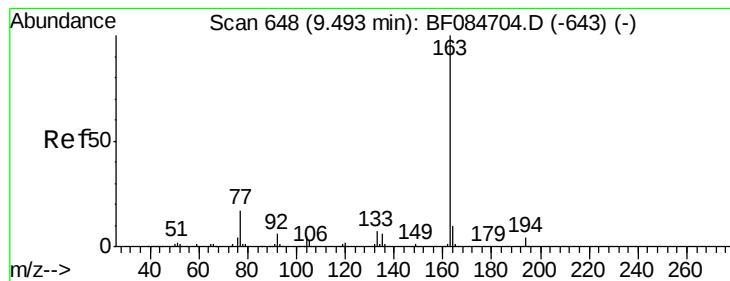
Tgt Ion: 65 Resp: 302718
Ion Ratio Lower Upper
65 100
92 64.2 53.4 80.2
138 88.3 71.1 106.7



#48
Acenaphthylene
Concen: 43.97 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Tgt Ion: 152 Resp: 1528454
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.9 10.4 15.6





#49

Dimethylphthalate

Concen: 52.00 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

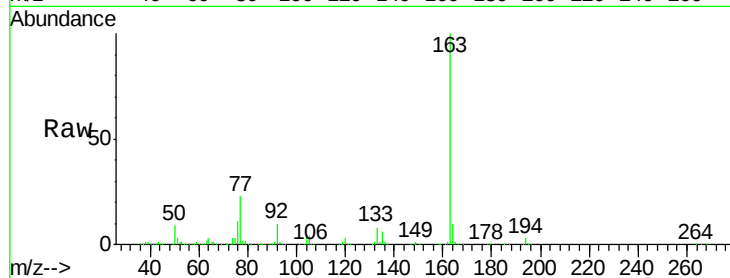
Tgt Ion:163 Resp: 1379053

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

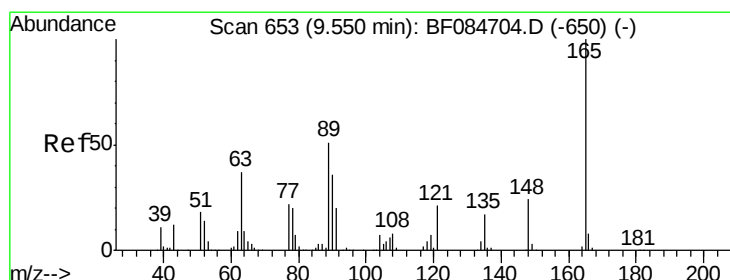
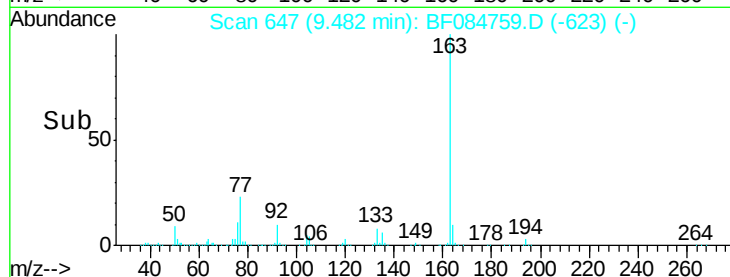
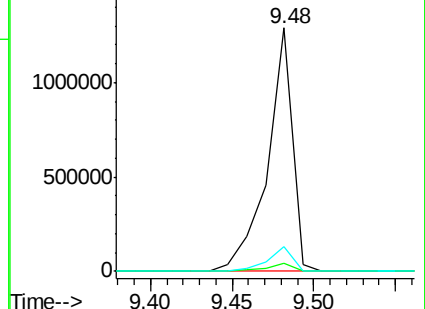
164 10.3 8.0 12.0



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: 46.56 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

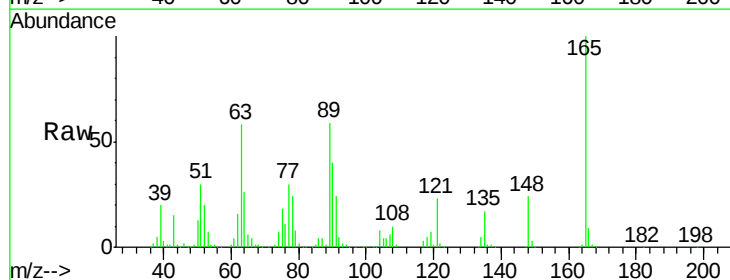
Tgt Ion:165 Resp: 269748

Ion Ratio Lower Upper

165 100

63 58.1 28.8 43.2#

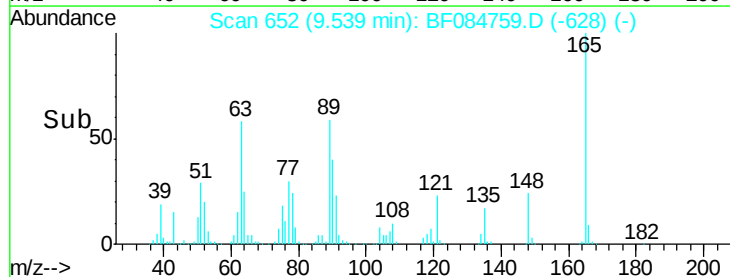
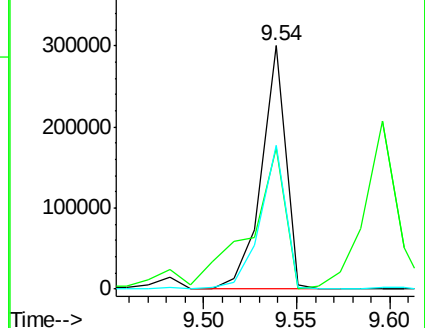
89 59.0 35.1 52.7#

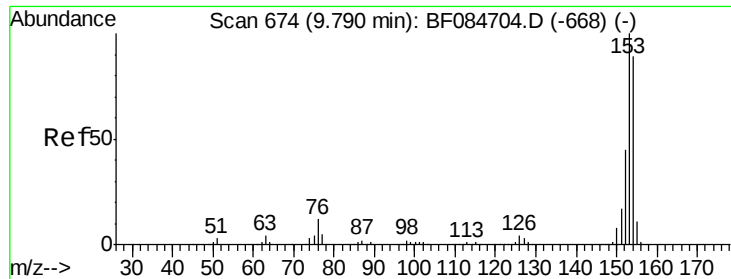


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.64 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

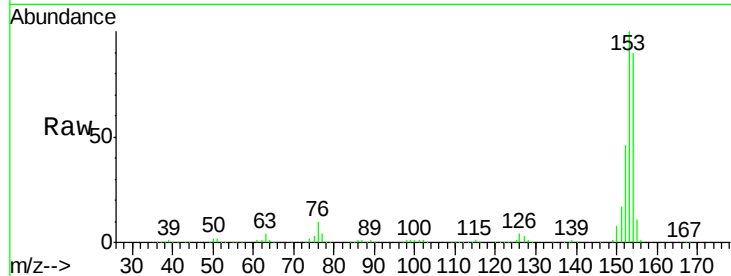
Tgt Ion:154 Resp: 986813

Ion Ratio Lower Upper

154 100

153 111.6 91.5 137.3

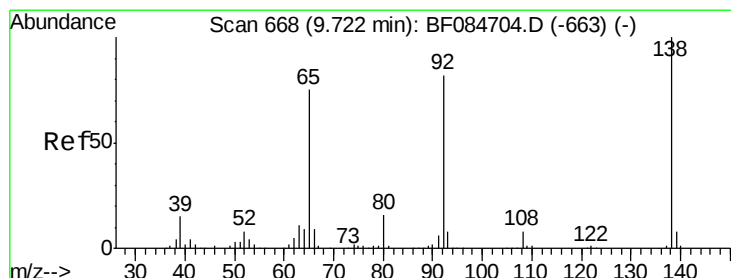
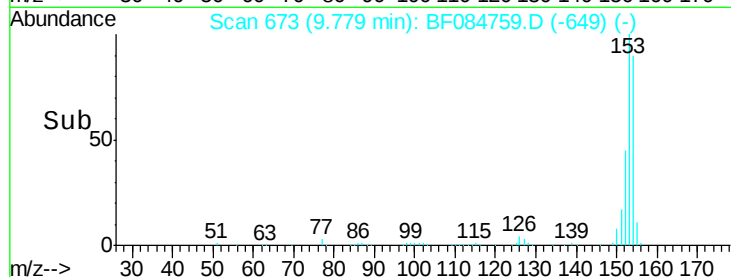
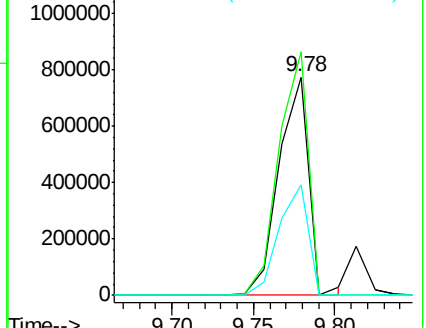
152 50.9 43.0 64.6



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: 25.48 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

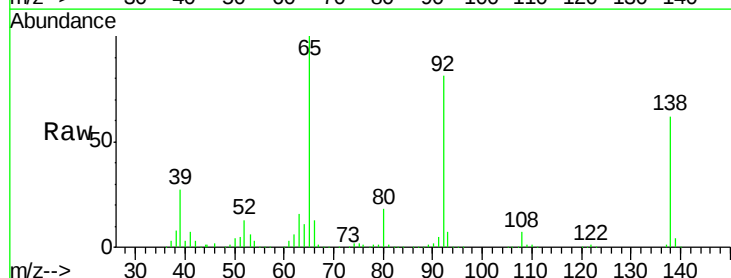
Tgt Ion:138 Resp: 165902

Ion Ratio Lower Upper

138 100

108 11.7 10.5 15.7

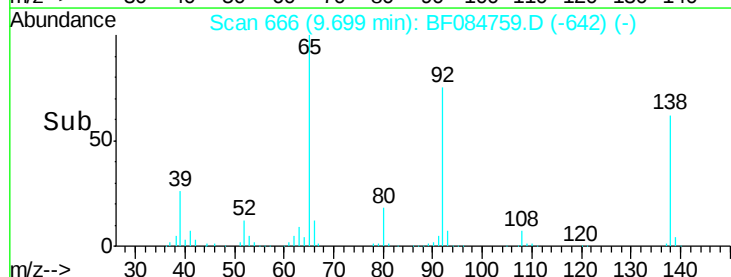
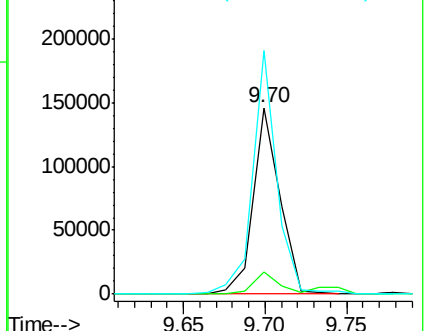
92 130.6 103.9 155.9

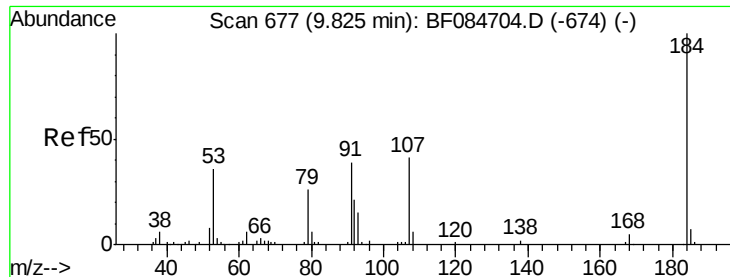


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

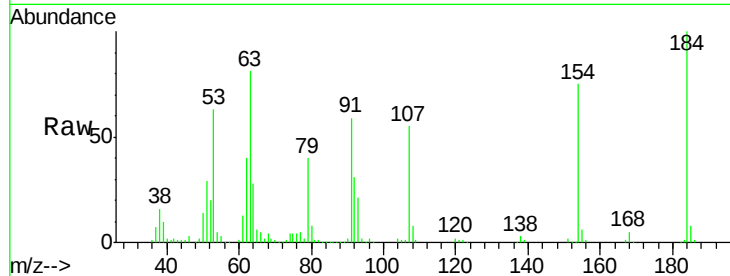




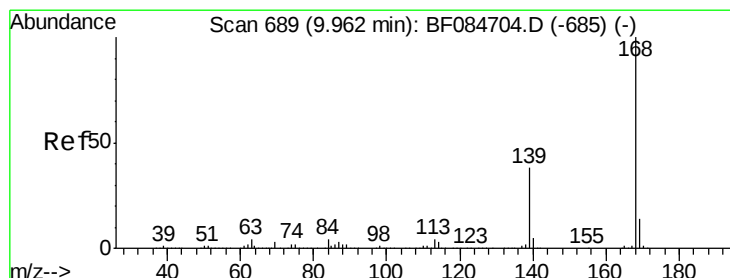
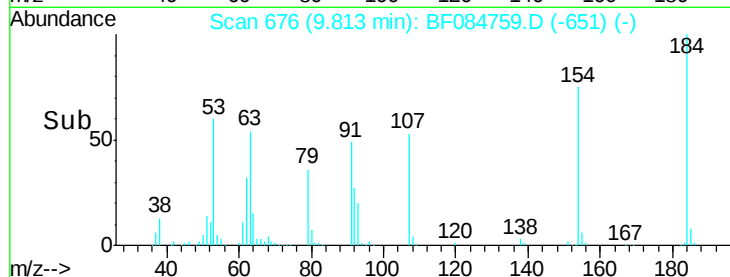
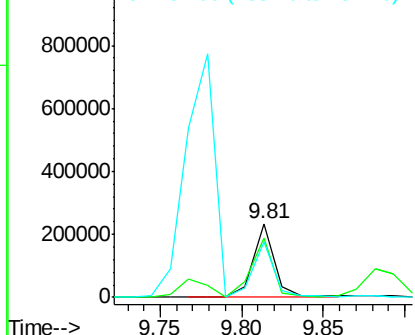
#53
2,4-Dinitrophenol
Concen: 82.18 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MSD

Tgt Ion:184 Resp: 220206
Ion Ratio Lower Upper
184 100
63 81.3 43.1 64.7#
154 74.8 60.5 90.7

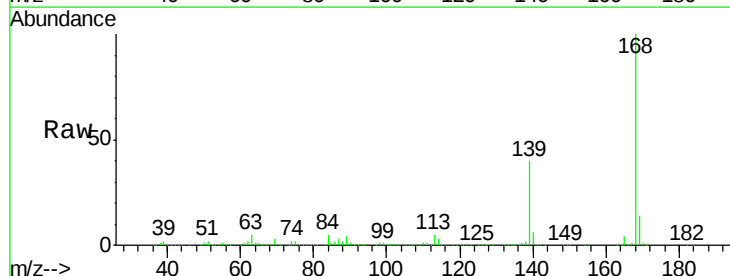


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

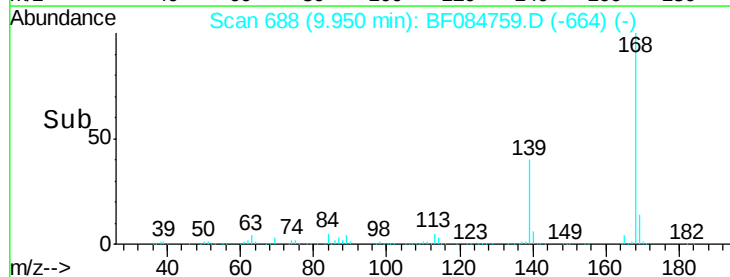
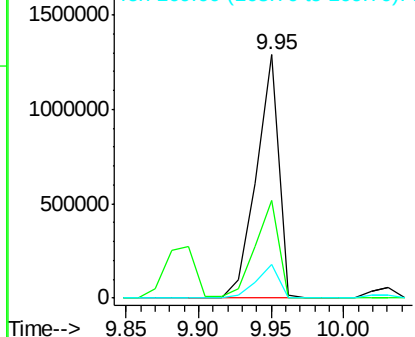


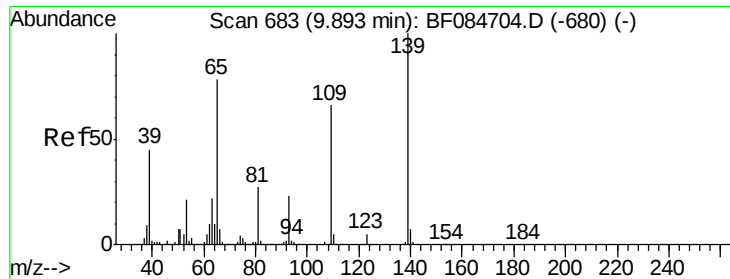
#54
Dibenzofuran
Concen: 49.89 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Tgt Ion:168 Resp: 1378961
Ion Ratio Lower Upper
168 100
139 40.0 30.5 45.7
169 13.9 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: 85.45 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

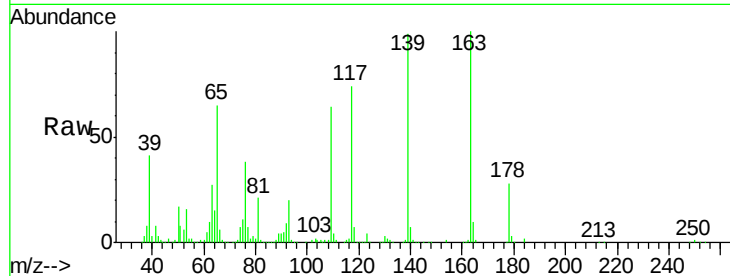
Tgt Ion:139 Resp: 408860

Ion Ratio Lower Upper

139 100

109 64.3 58.5 98.5

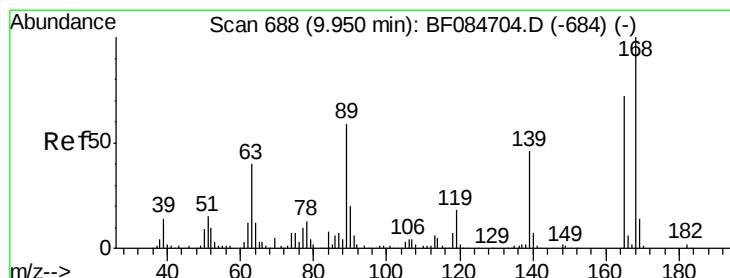
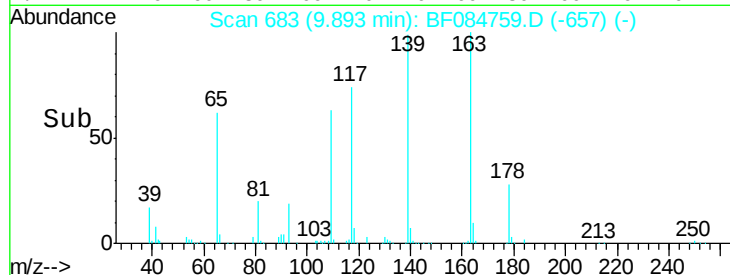
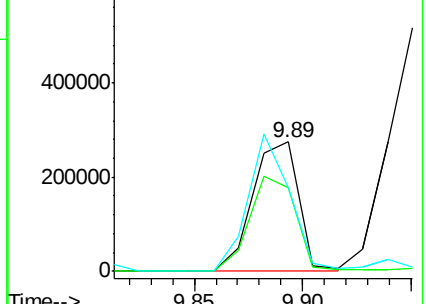
65 65.1 57.6 97.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.01 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Tgt Ion:165 Resp: 295711

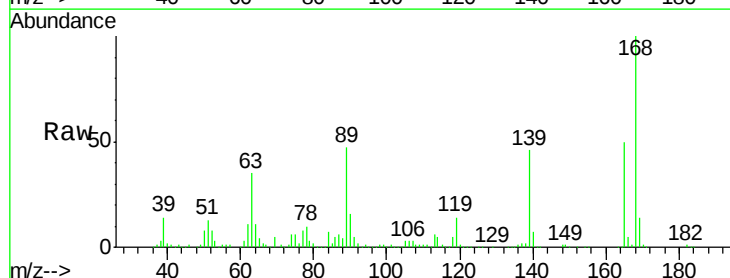
Ion Ratio Lower Upper

165 100

63 69.8 36.7 55.1#

89 94.3 61.9 92.9#

182 2.1 2.0 3.0

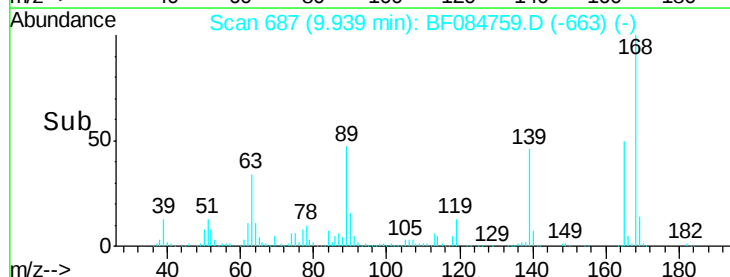
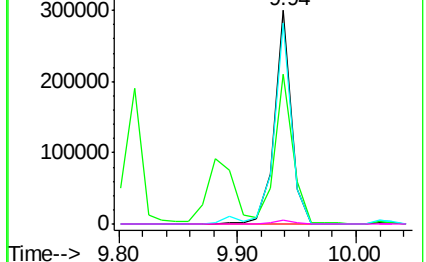


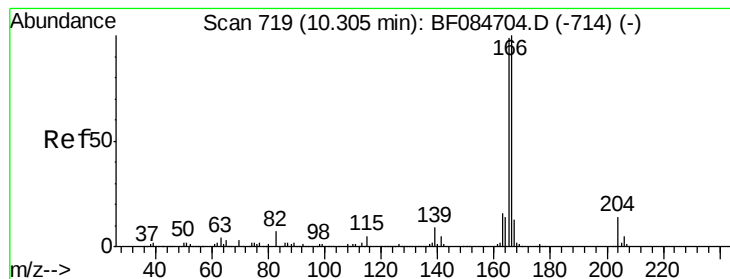
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.02 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

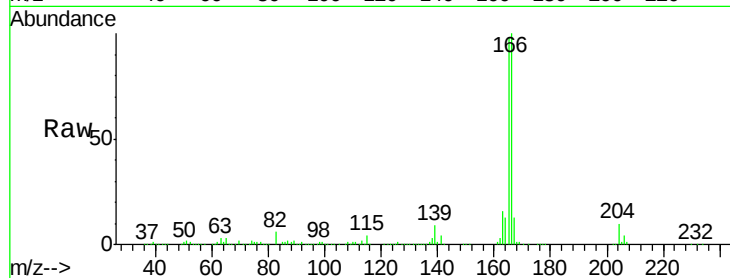
Tgt Ion:166 Resp: 1039148

Ion Ratio Lower Upper

166 100

165 98.2 79.1 118.7

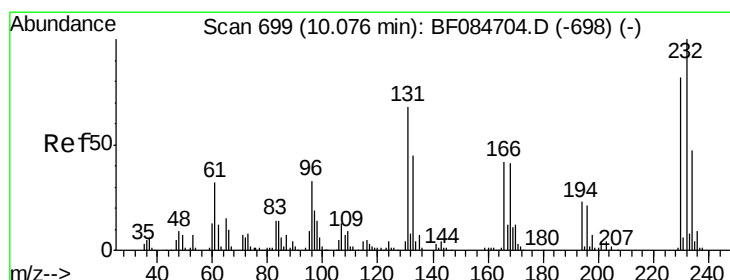
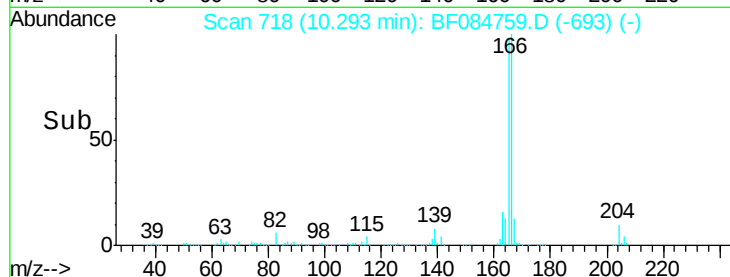
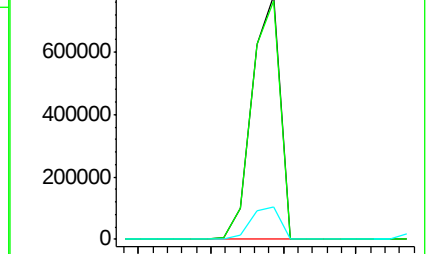
167 13.3 10.4 15.6



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: 45.24 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Tgt Ion:232 Resp: 249322

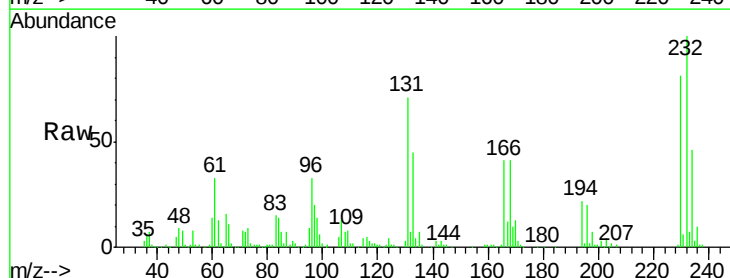
Ion Ratio Lower Upper

232 100

131 53.3 47.0 70.6

130 2.5 2.0 3.0

166 32.8 30.5 45.7

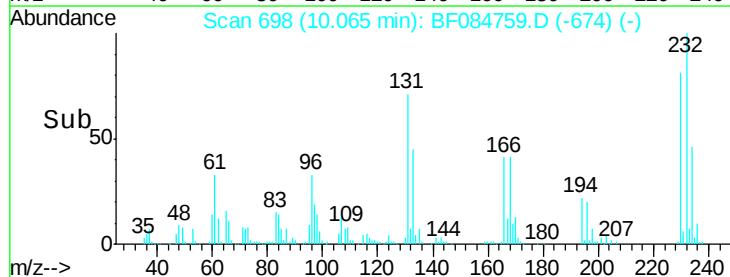
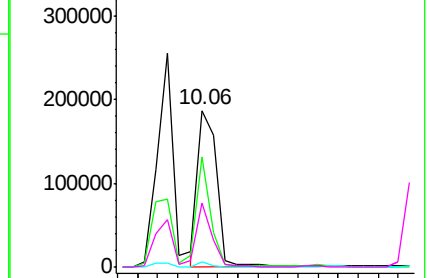


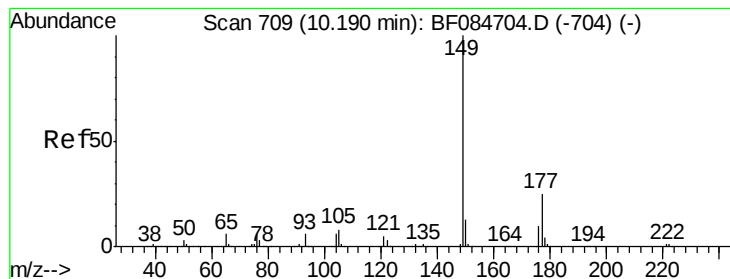
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.33 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

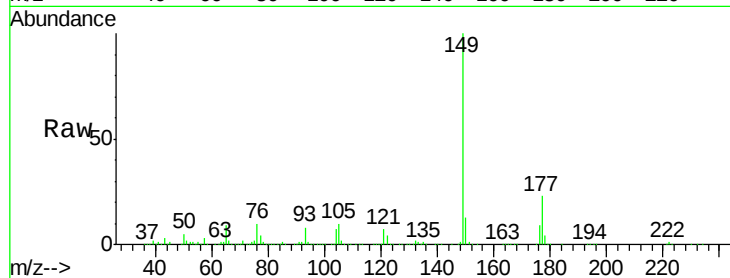
Tgt Ion:149 Resp: 1199901

Ion Ratio Lower Upper

149 100

177 23.1 17.3 25.9

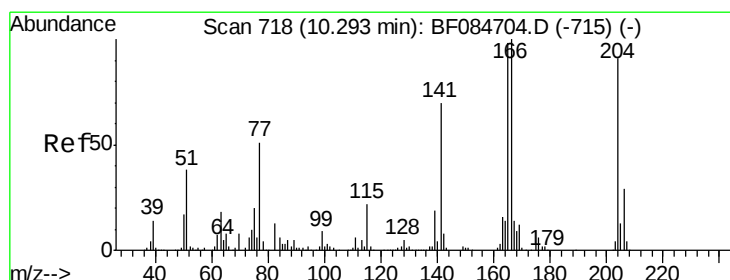
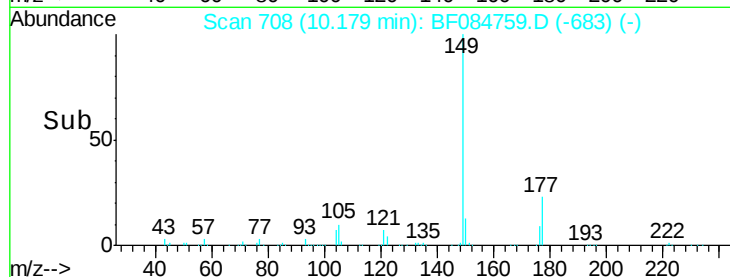
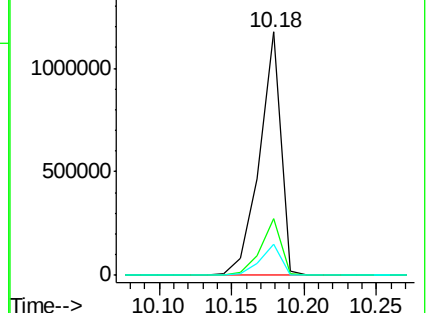
150 12.7 9.8 14.8



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: 44.97 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

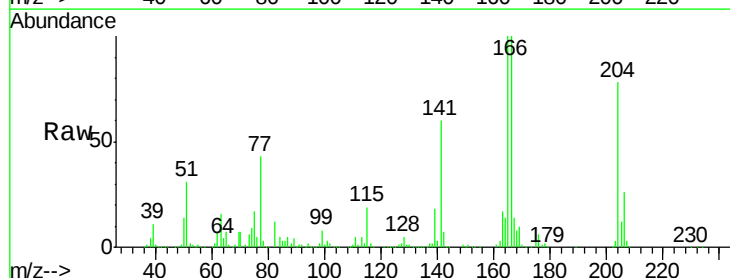
Tgt Ion:204 Resp: 436130

Ion Ratio Lower Upper

204 100

206 32.7 25.7 38.5

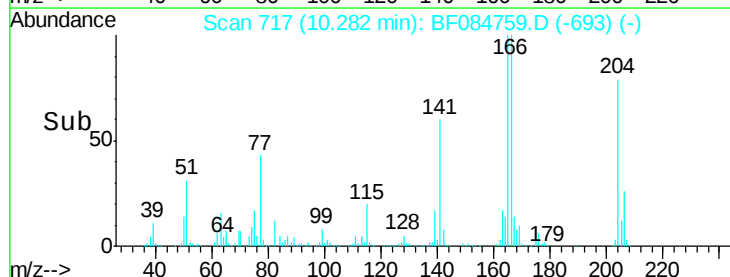
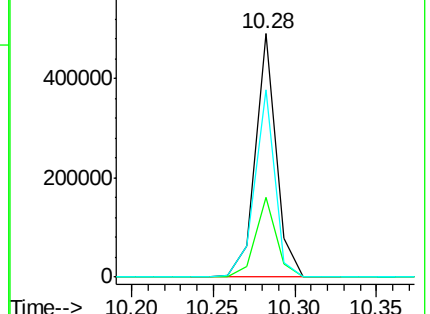
141 76.7 55.1 82.7

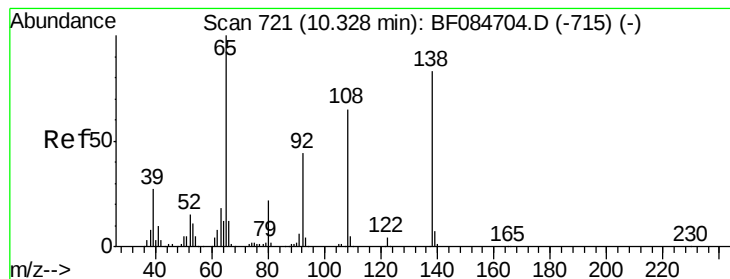


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.61 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

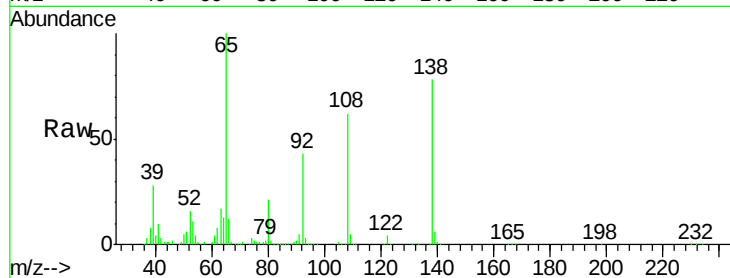
Tgt Ion:138 Resp: 270345

Ion Ratio Lower Upper

138 100

92 54.5 32.6 72.6

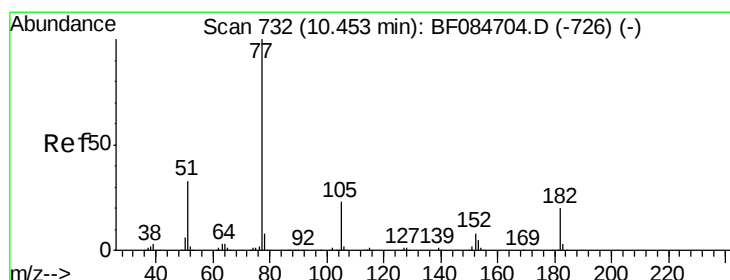
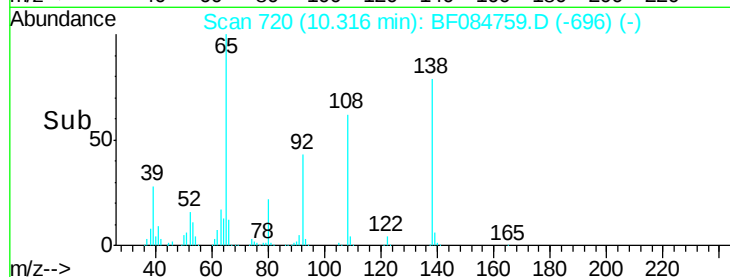
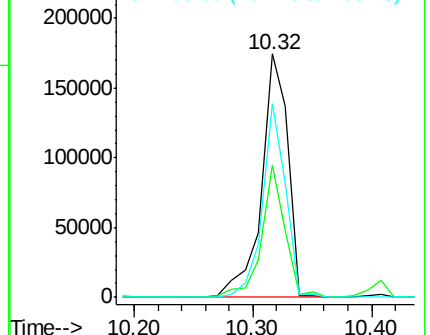
108 79.3 68.6 108.6



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: 47.39 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Tgt Ion: 77 Resp: 1180195

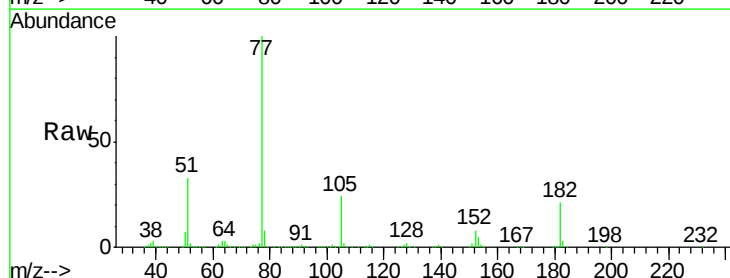
Ion Ratio Lower Upper

77 100

182 21.5 8.3 48.3

105 23.6 4.6 44.6

51 32.9 6.2 46.2

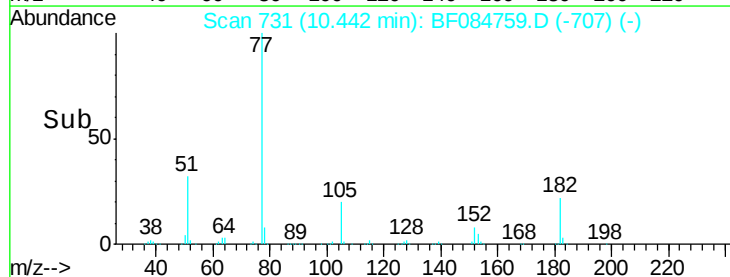
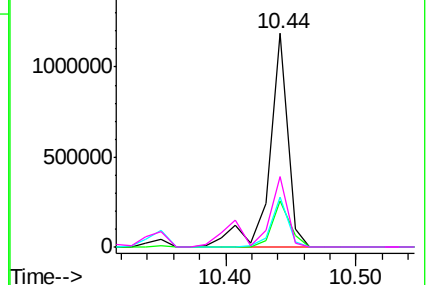


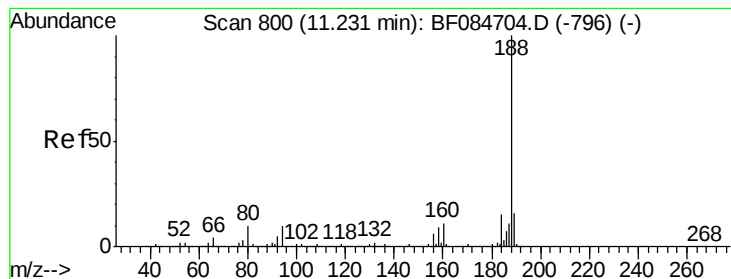
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

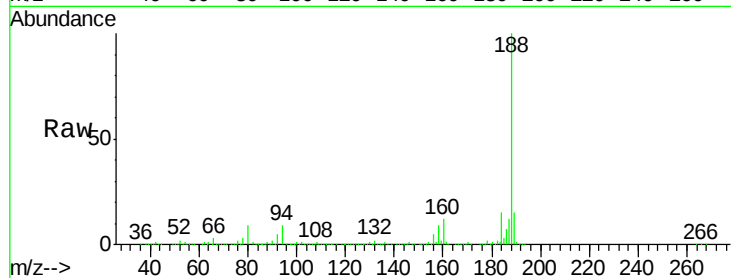
Tgt Ion:188 Resp: 625758

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

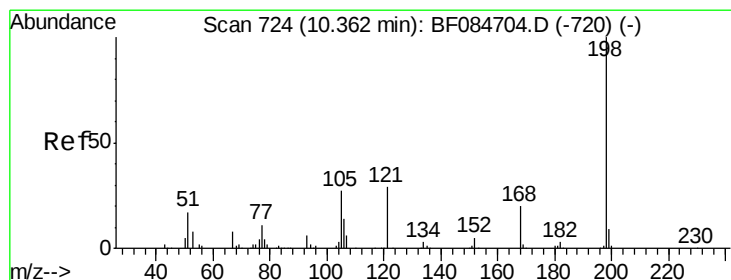
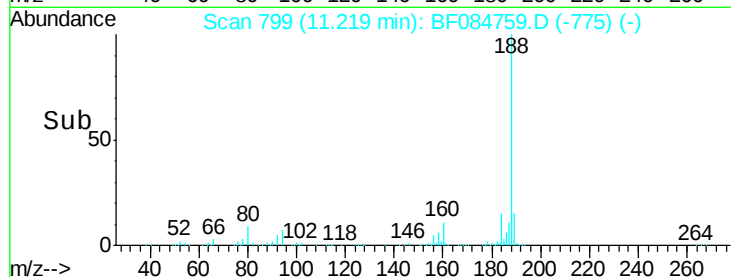
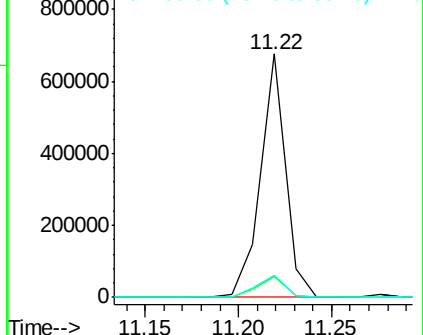
80 9.0 9.6 14.4#



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: 52.24 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

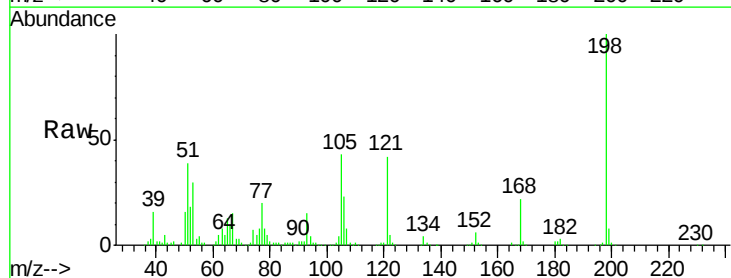
Tgt Ion:198 Resp: 201755

Ion Ratio Lower Upper

198 100

51 39.4 18.9 58.9

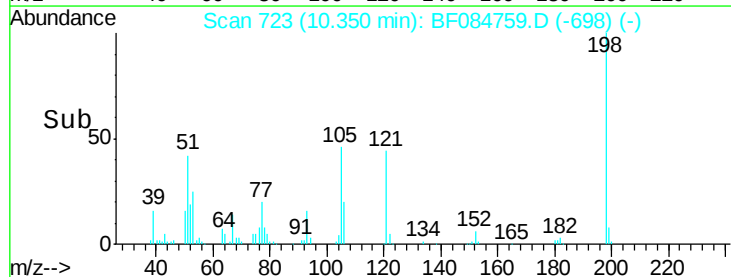
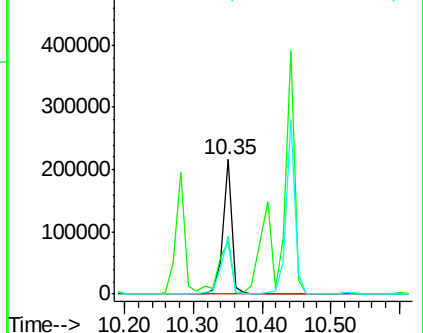
105 43.2 26.4 66.4

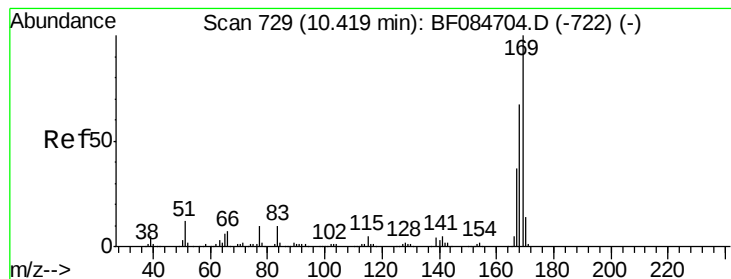


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.68 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

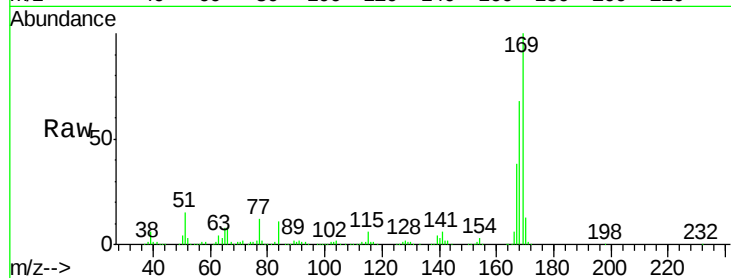
Tgt Ion:169 Resp: 947369

Ion Ratio Lower Upper

169 100

168 67.7 55.1 82.7

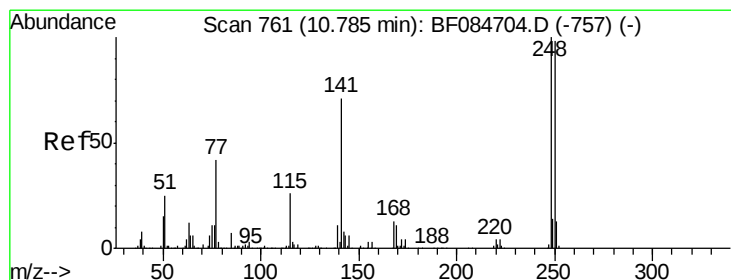
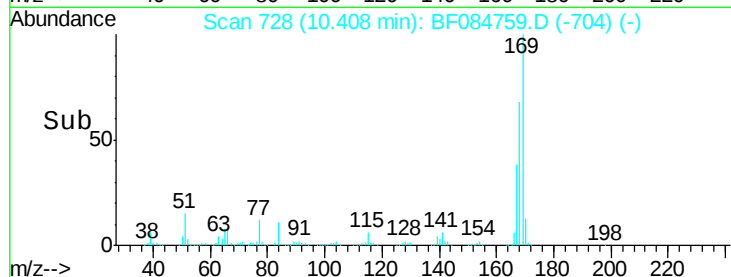
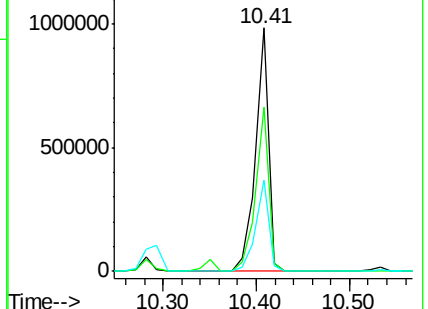
167 37.7 30.0 45.0



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: 47.74 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

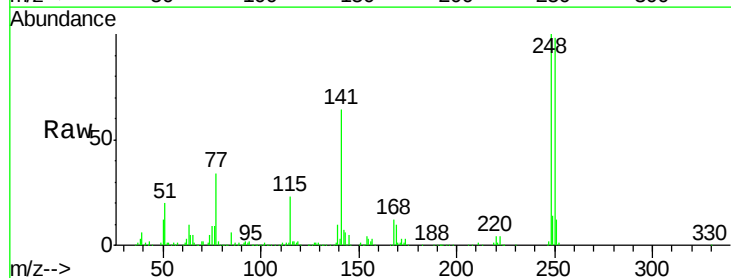
Tgt Ion:248 Resp: 329924

Ion Ratio Lower Upper

248 100

250 98.4 78.4 117.6

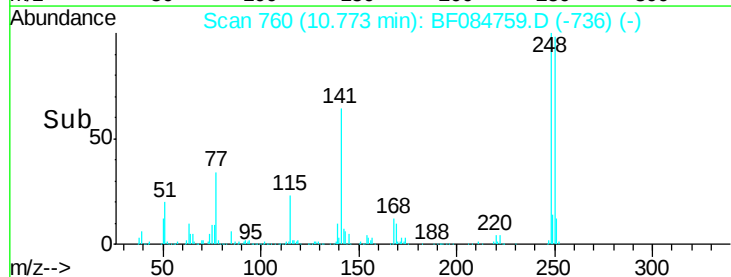
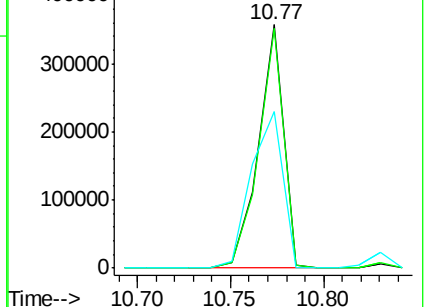
141 64.5 44.0 66.0



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

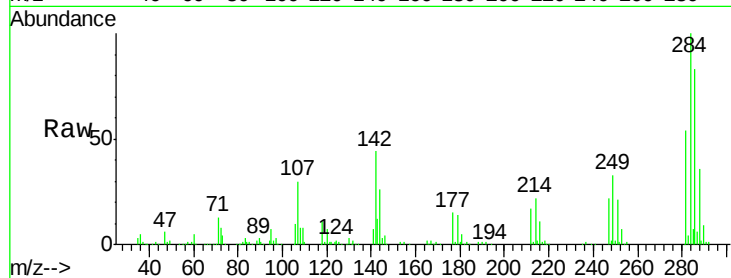




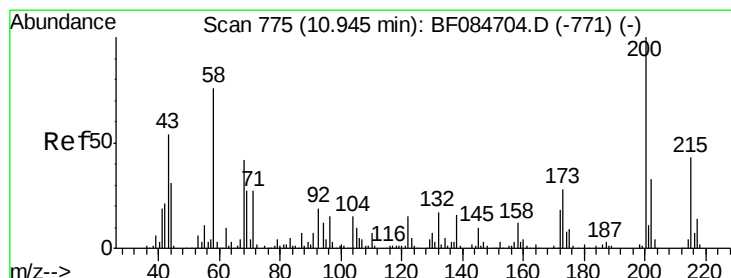
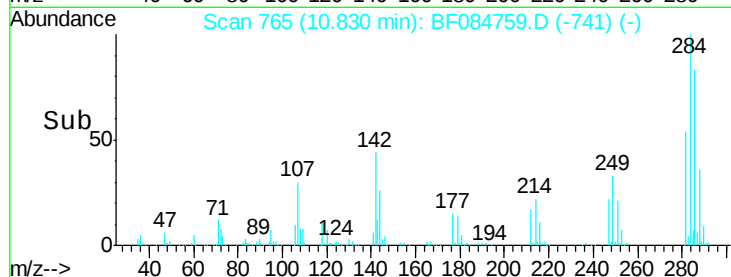
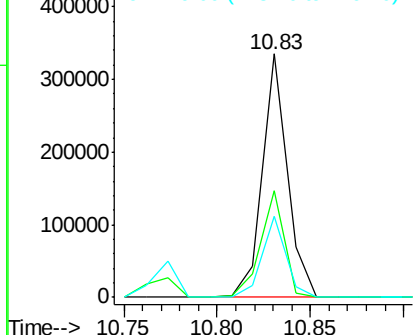
#67
Hexachlorobenzene
Concen: 40.91 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MSD

Tgt Ion:284 Resp: 308069
Ion Ratio Lower Upper
284 100
142 43.7 22.2 33.4#
249 33.4 24.6 37.0

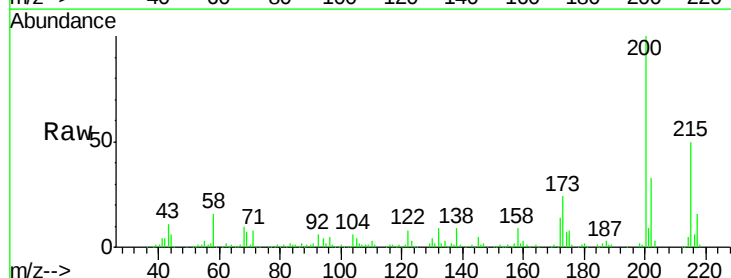


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

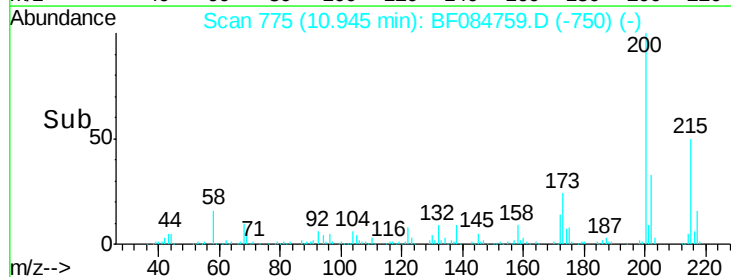
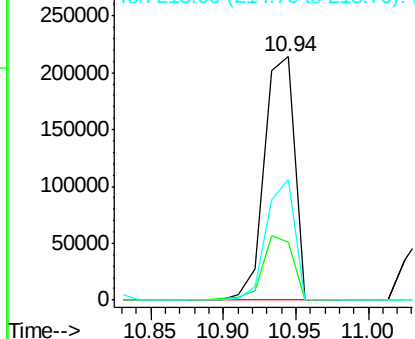


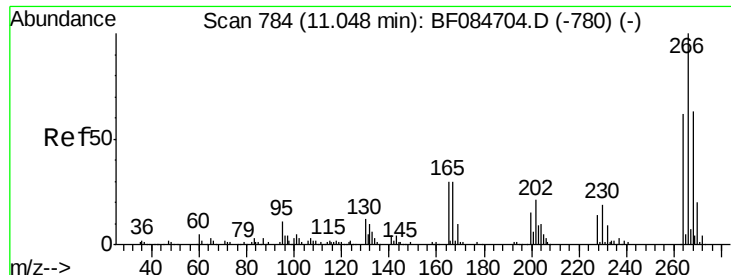
#68
Atrazine
Concen: 49.13 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Tgt Ion:200 Resp: 308279
Ion Ratio Lower Upper
200 100
173 23.6 9.5 49.5
215 49.6 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

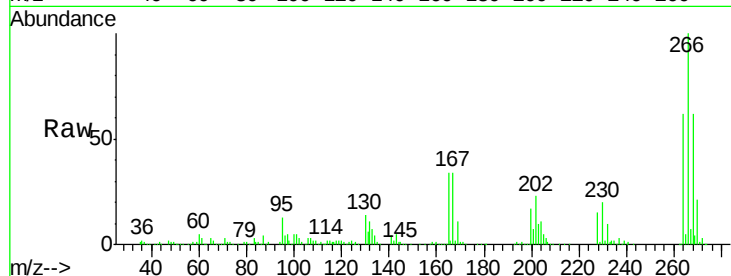




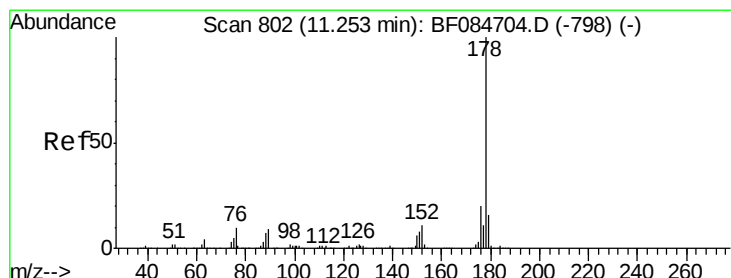
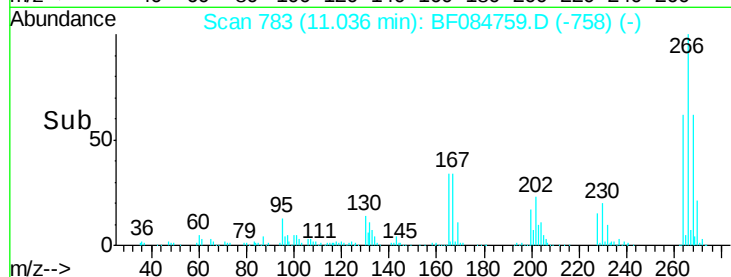
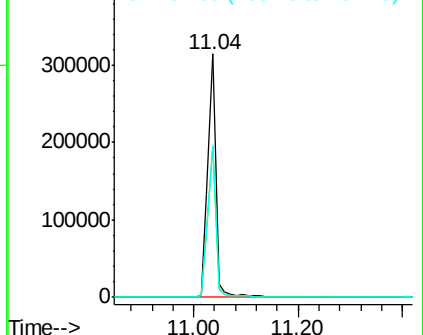
#69
 Pentachlorophenol
 Concen: 97.21 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MSD

Tgt Ion:266 Resp: 344036
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.4 78.6
 264 62.2 50.2 75.2

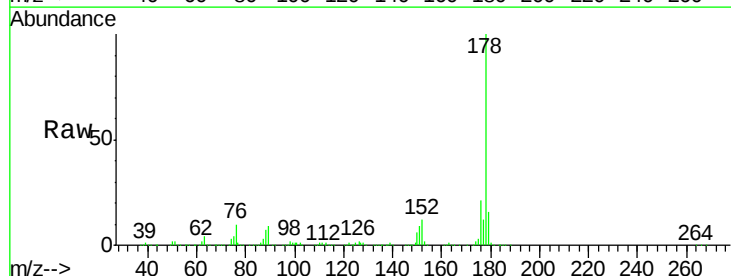


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

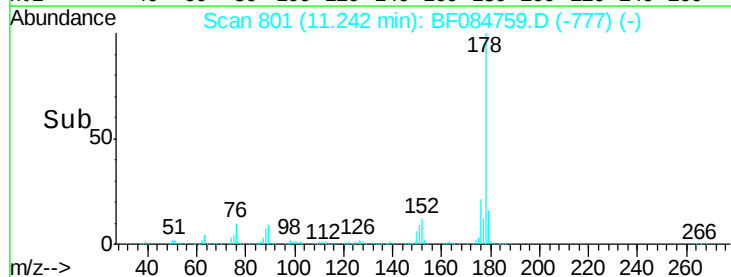
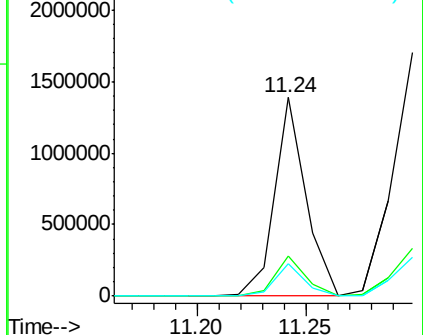


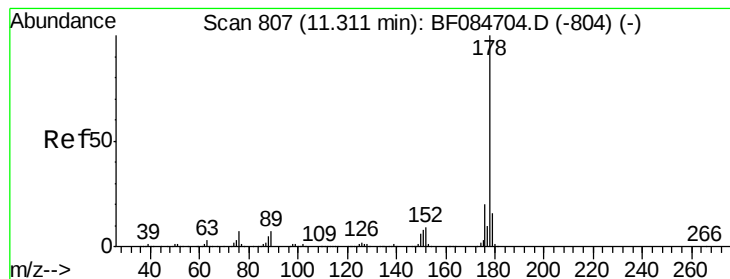
#70
 Phenanthrene
 Concen: 40.38 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Tgt Ion:178 Resp: 1401438
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.3 22.9
 179 16.4 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: 47.70 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

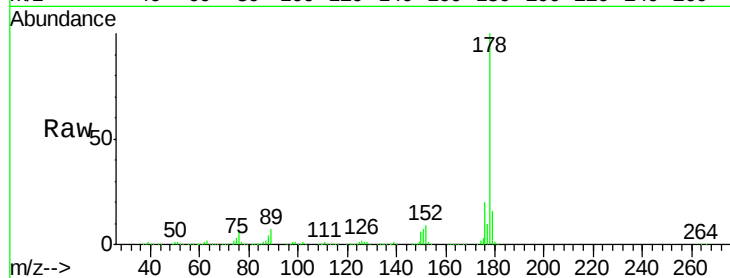
Tgt Ion:178 Resp: 1668007

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

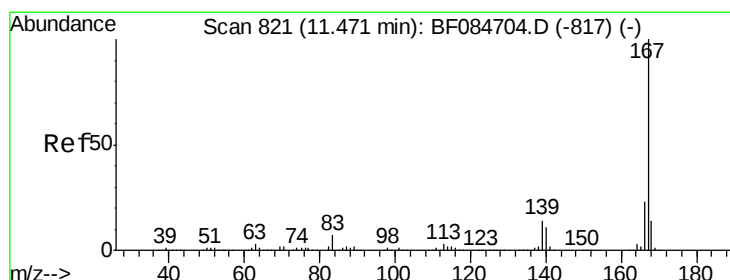
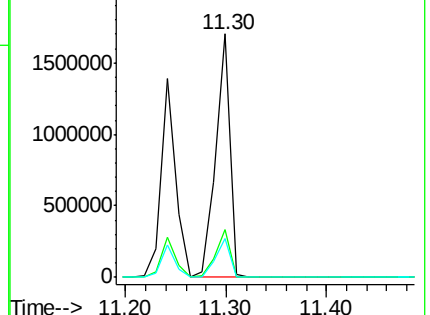
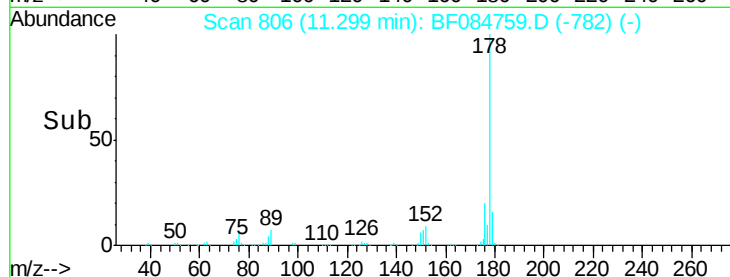
179 16.1 12.5 18.7



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: 49.32 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

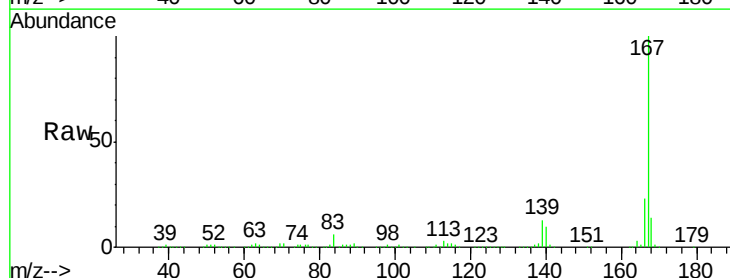
Tgt Ion:167 Resp: 1504150

Ion Ratio Lower Upper

167 100

166 22.8 17.6 26.4

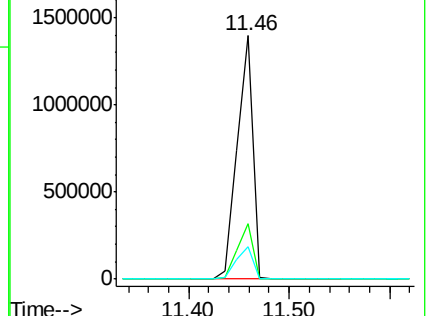
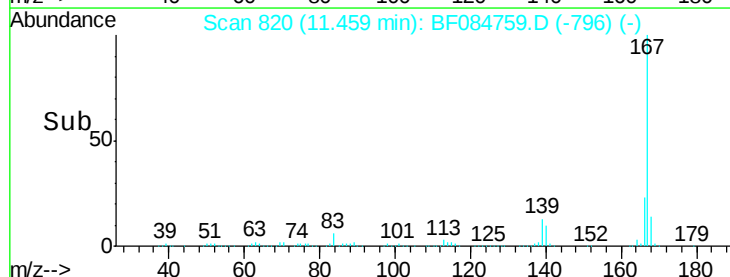
139 13.4 11.8 17.8

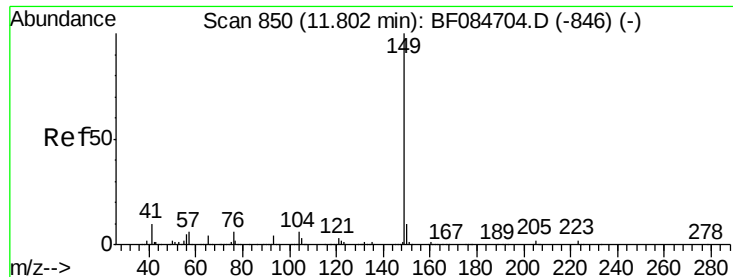


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.33 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

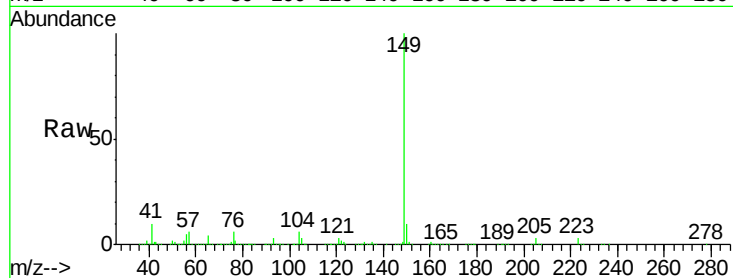
Tgt Ion:149 Resp: 1604651

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

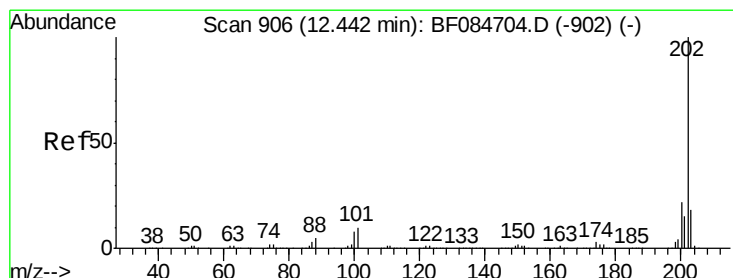
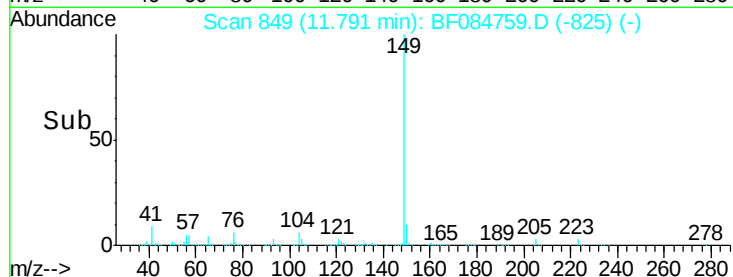
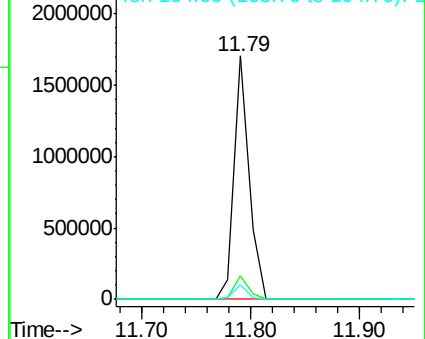
104 5.9 3.2 4.8#



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: 47.26 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

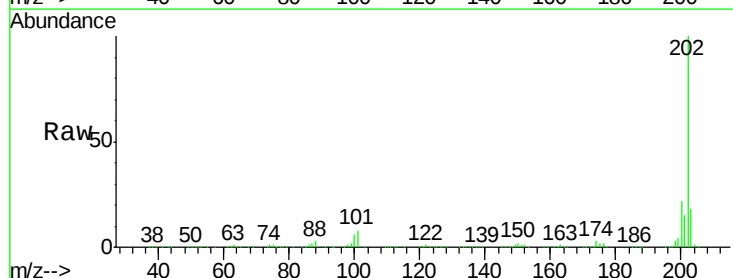
Tgt Ion:202 Resp: 1660277

Ion Ratio Lower Upper

202 100

101 7.6 0.0 32.8

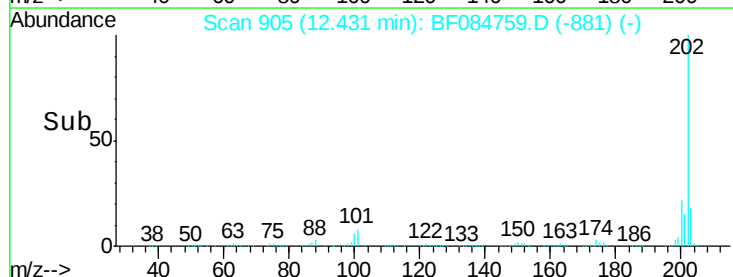
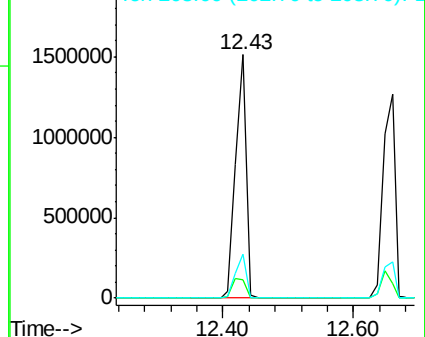
203 18.0 0.0 37.9

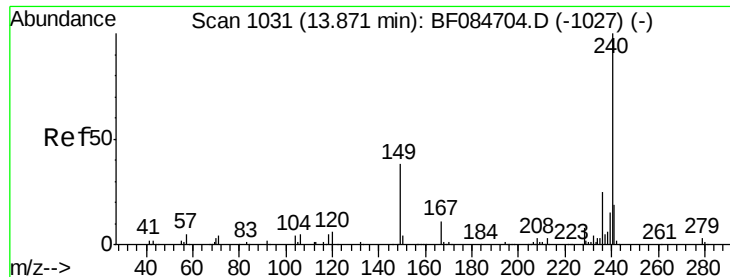


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

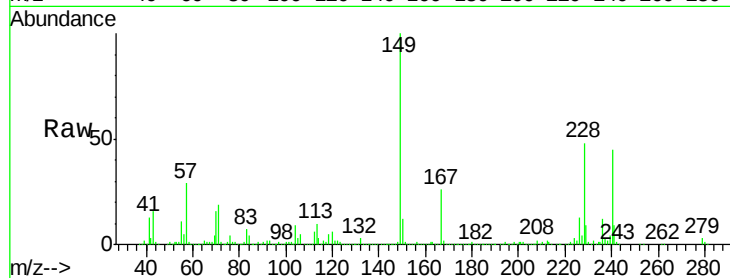
Tgt Ion:240 Resp: 416645

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

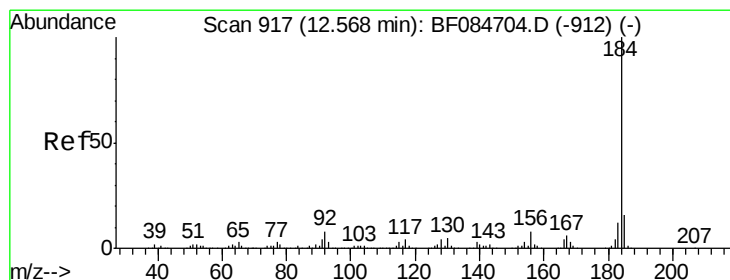
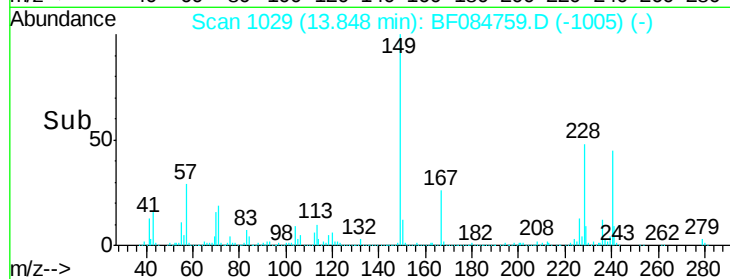
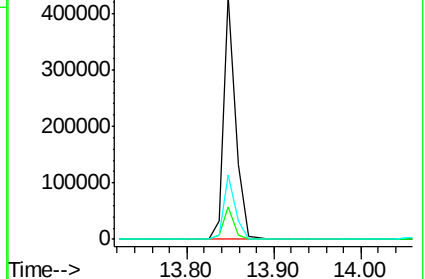
236 26.3 20.6 31.0



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: 37.79 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

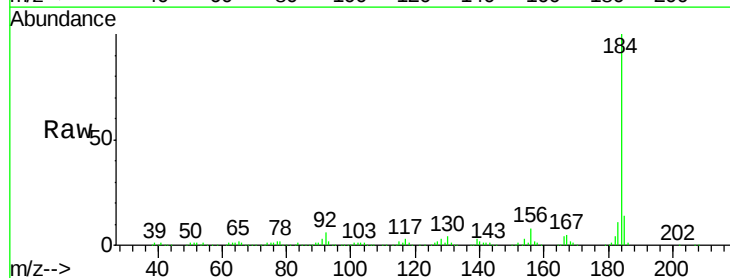
Tgt Ion:184 Resp: 556363

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

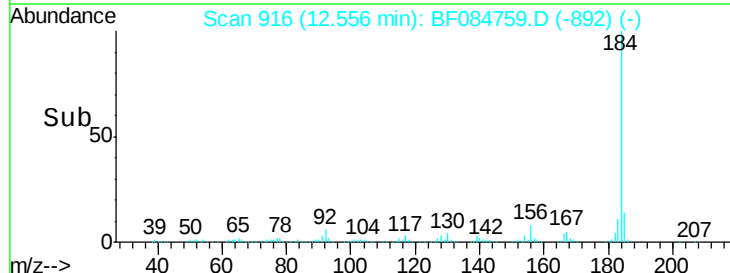
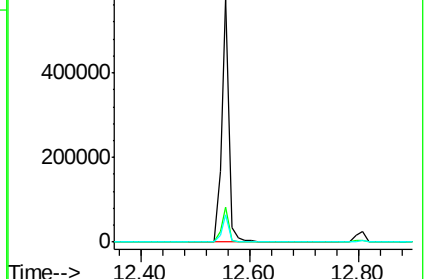
183 11.4 9.8 14.8

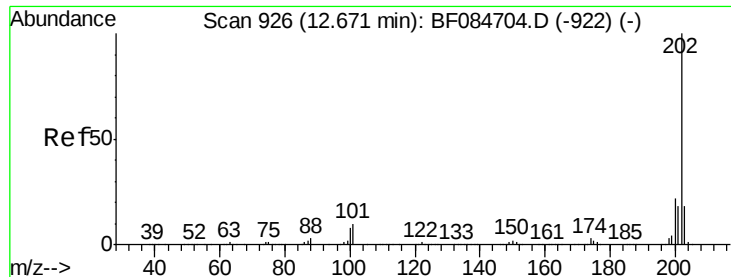


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

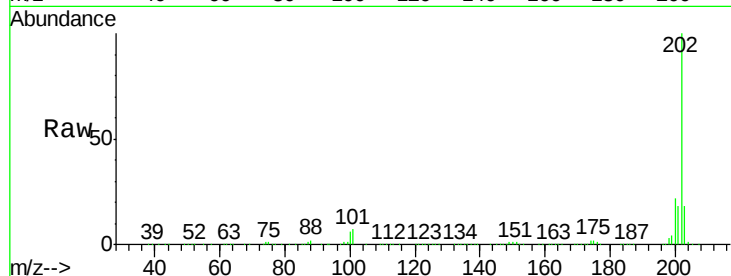




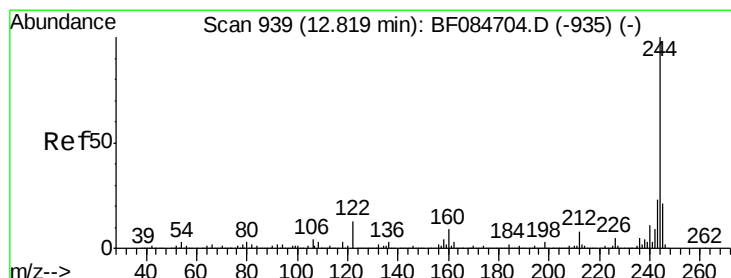
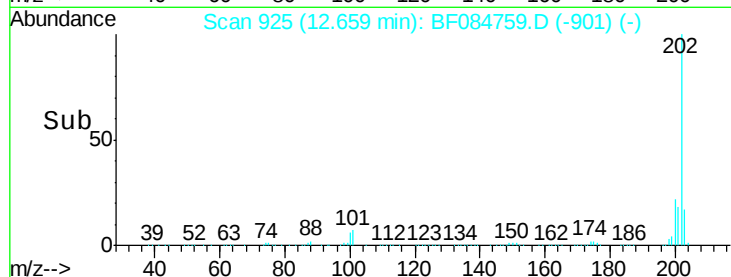
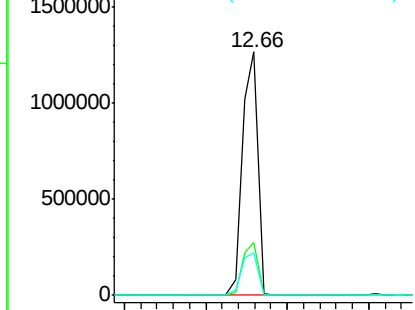
#77
 Pyrene
 Concen: 51.56 ng
 RT: 12.66 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-PS-001MSD

Tgt Ion:202 Resp: 1644680
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.2 25.8
 203 17.8 14.3 21.5

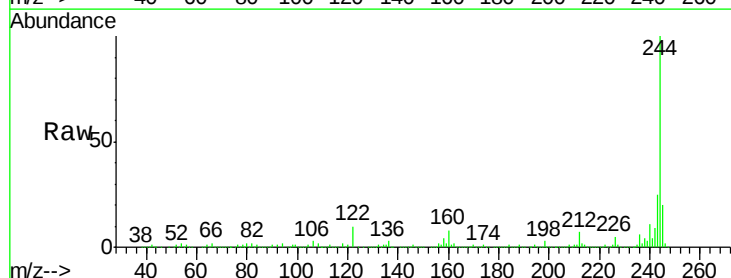


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

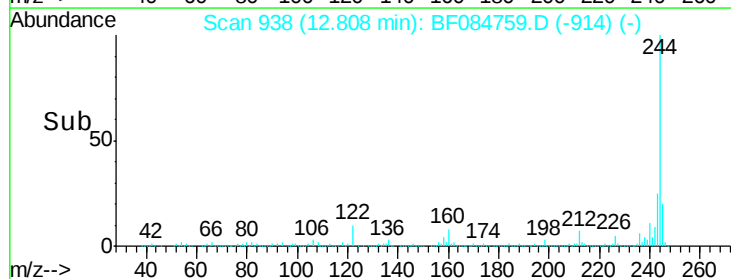
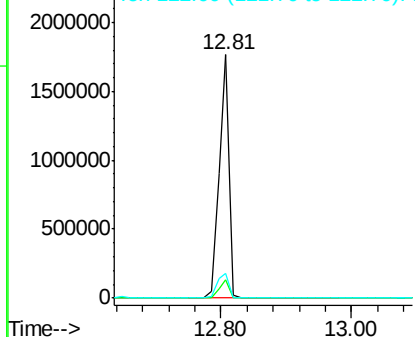


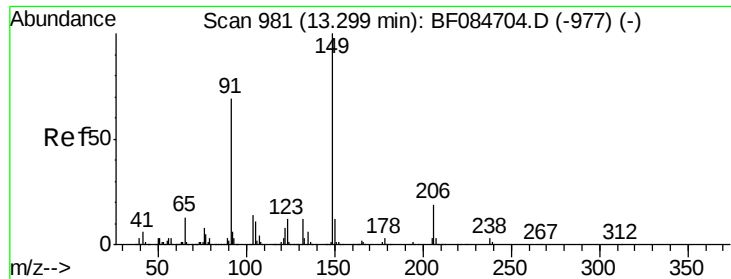
#78
 Terphenyl-d14
 Concen: 102.99 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF084759.D
 Acq: 2 Feb 2016 21:27

Tgt Ion:244 Resp: 1893615
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.3 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

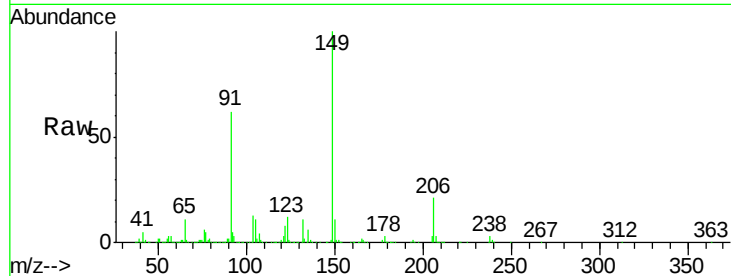




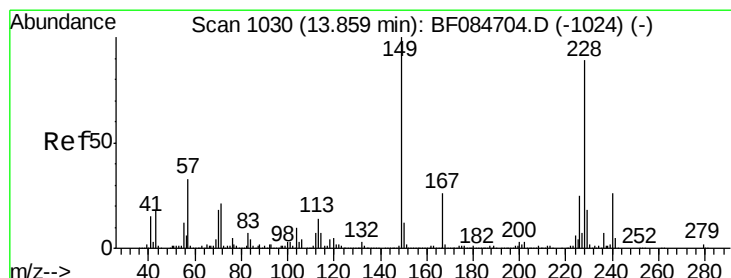
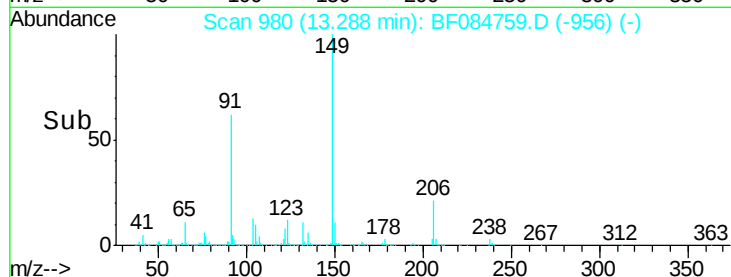
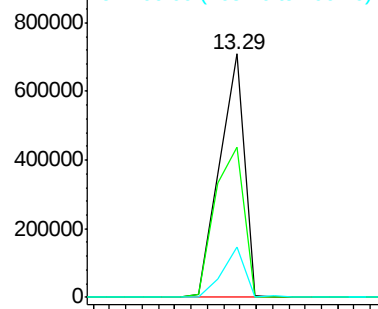
#79
Butylbenzylphthalate
Concen: 51.48 ng
RT: 13.29 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MSD

Tgt Ion:149 Resp: 744986
Ion Ratio Lower Upper
149 100
91 61.8 57.6 86.4
206 20.8 13.2 19.8#

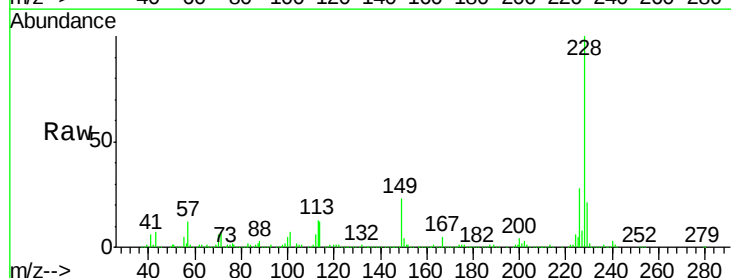


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

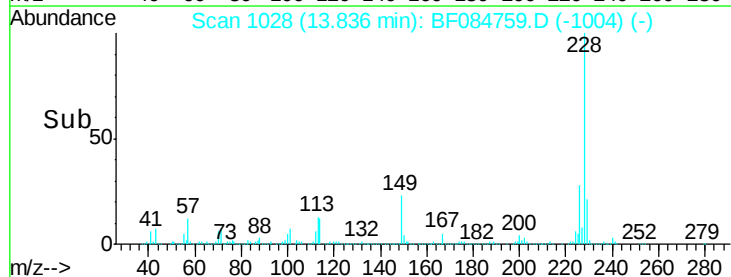
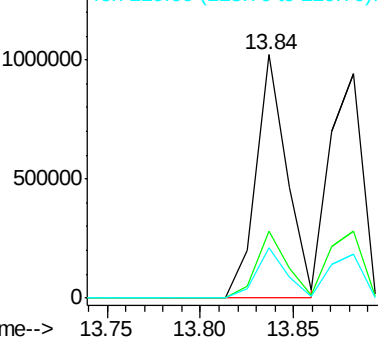


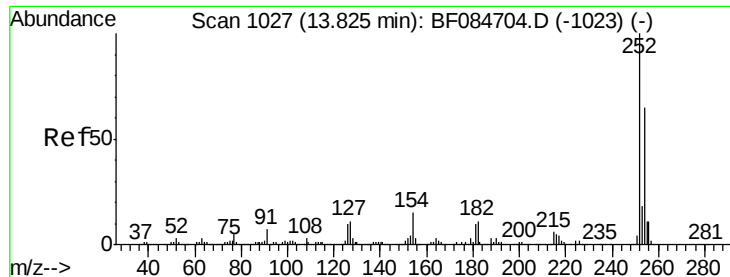
#80
Benzo(a)anthracene
Concen: 45.55 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084759.D
Acq: 2 Feb 2016 21:27

Tgt Ion:228 Resp: 1177844
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.6
229 20.8 15.8 23.8



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





#81

3,3'-Dichlorobenzidine

Concen: 21.44 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

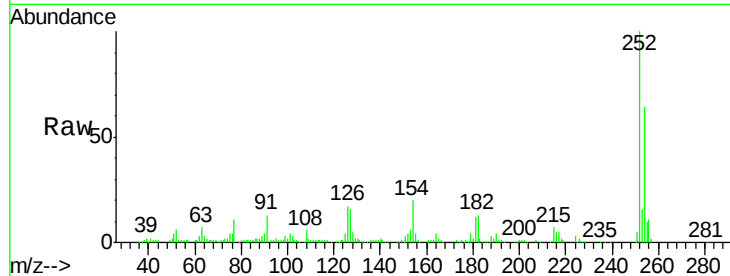
Tgt Ion:252 Resp: 196295

Ion Ratio Lower Upper

252 100

254 63.6 53.5 80.3

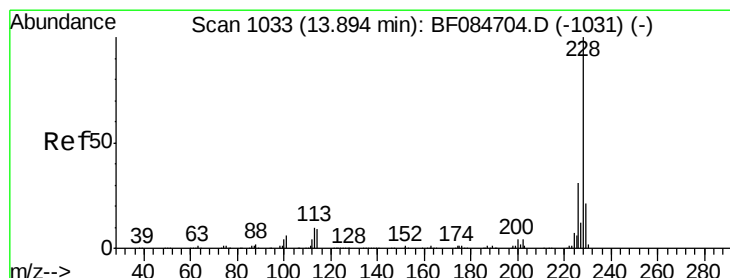
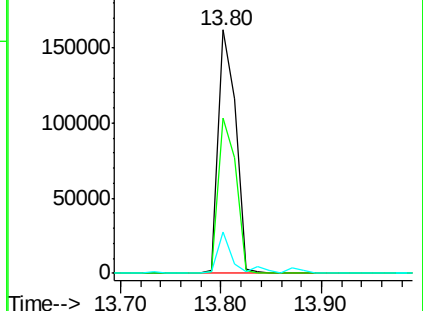
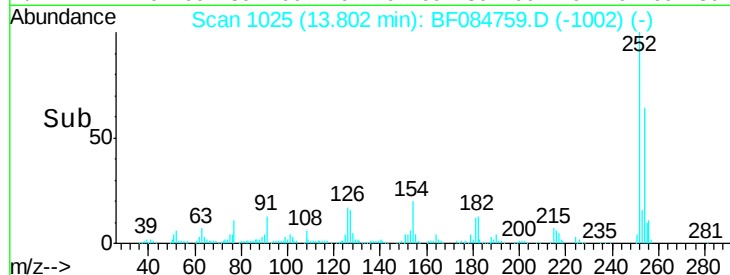
126 16.7 4.9 7.3#



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: 45.93 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

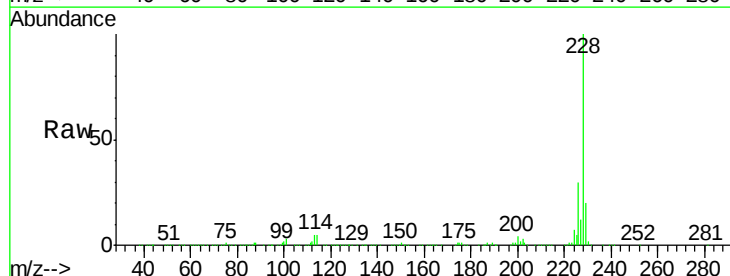
Tgt Ion:228 Resp: 1151640

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

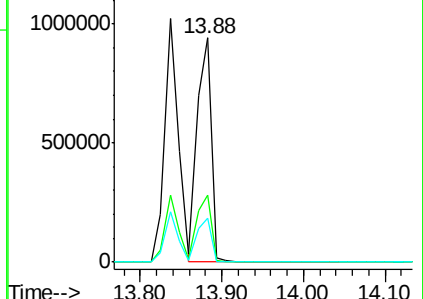
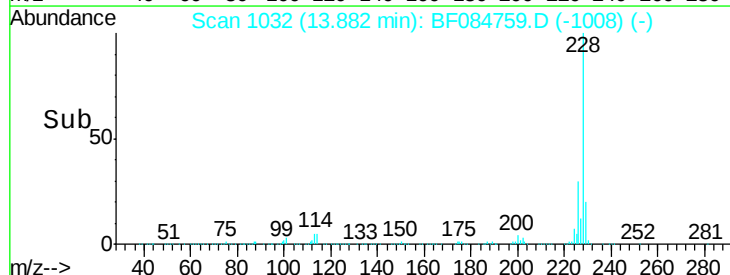
229 19.8 16.1 24.1

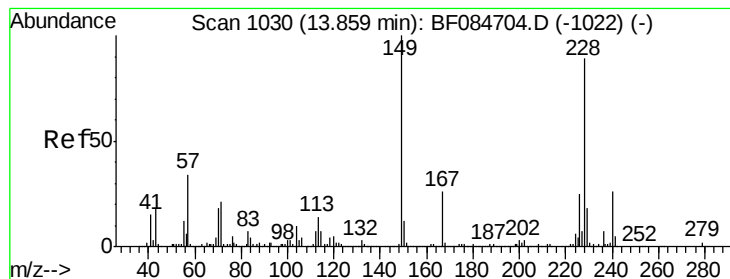


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.46 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

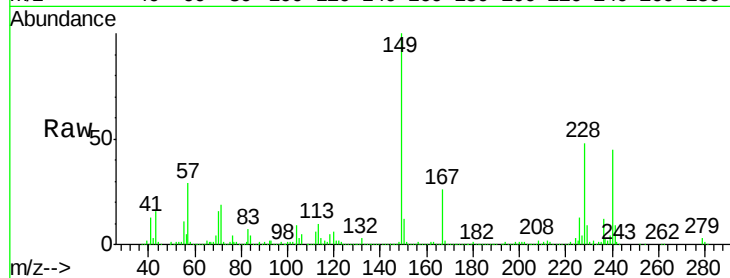
Tgt Ion:149 Resp: 872662

Ion Ratio Lower Upper

149 100

167 26.3 19.7 29.5

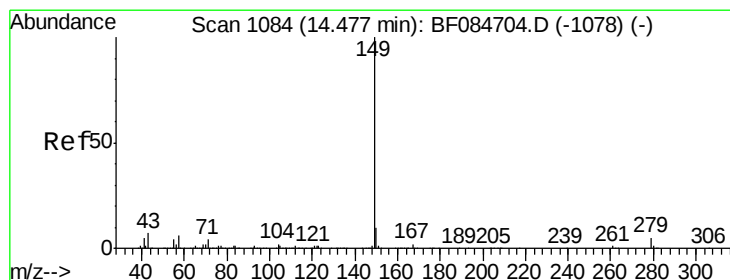
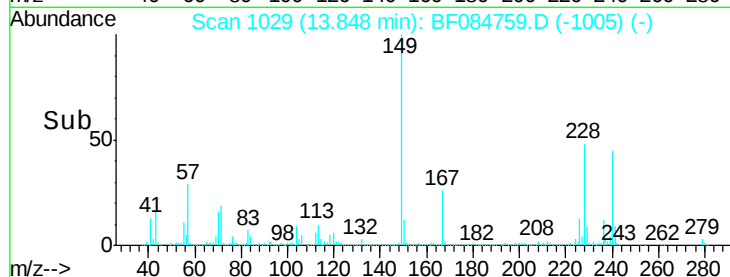
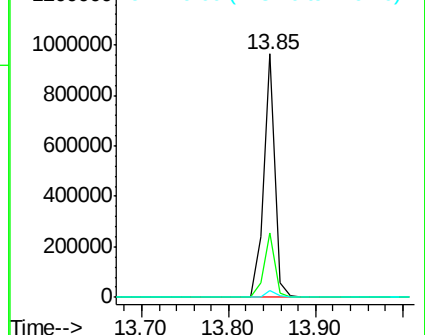
279 3.0 1.8 2.6#



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: 43.85 ng

RT: 14.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

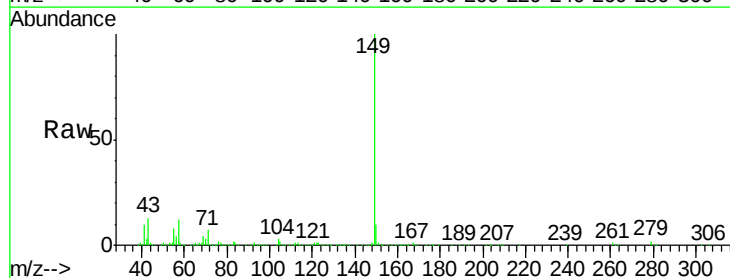
Tgt Ion:149 Resp: 1302960

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

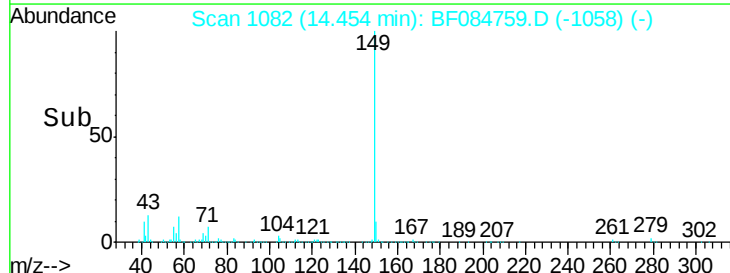
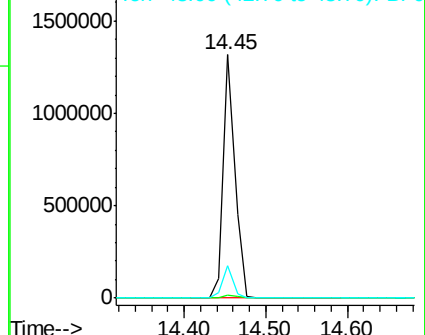
43 11.8 5.6 8.4#

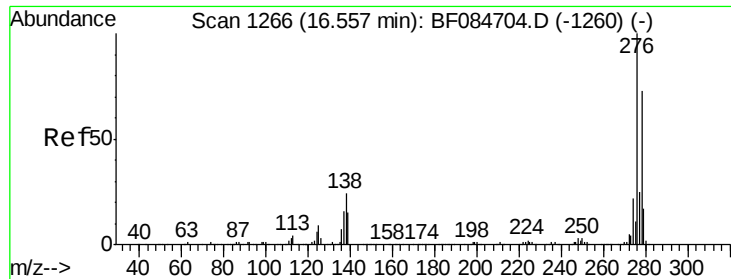


Abundance Ion 149.00 (148.70 to 149.70): E

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: 50.01 ng

RT: 16.53 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

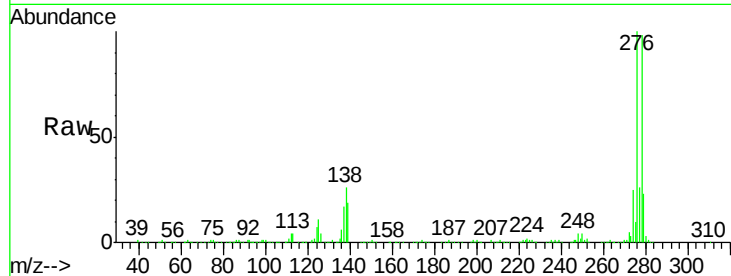
Tgt Ion:276 Resp: 987107

Ion Ratio Lower Upper

276 100

138 24.7 20.6 30.8

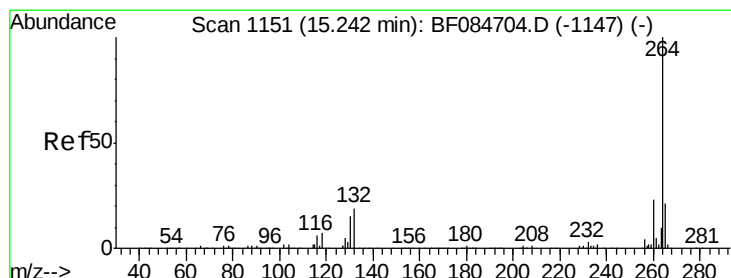
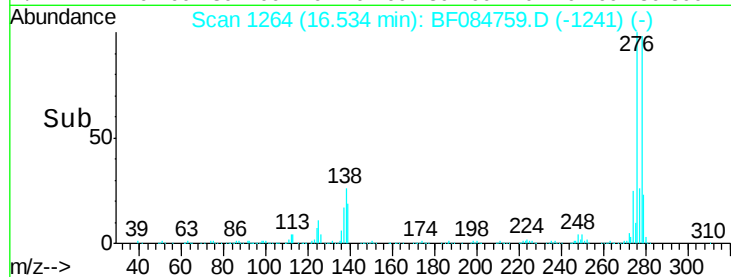
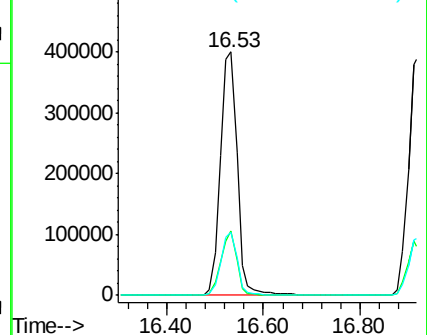
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

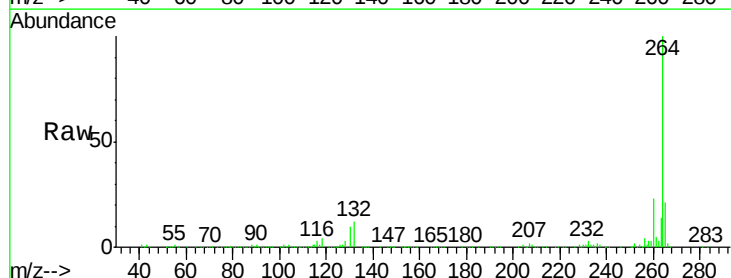
Tgt Ion:264 Resp: 357828

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

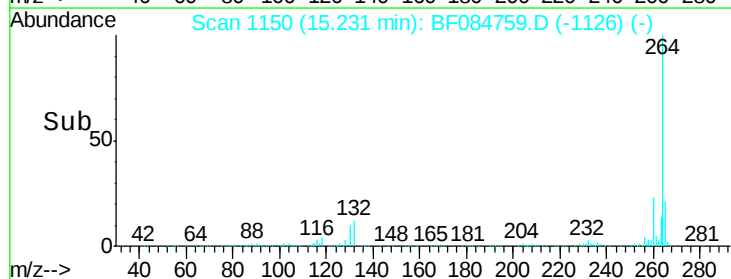
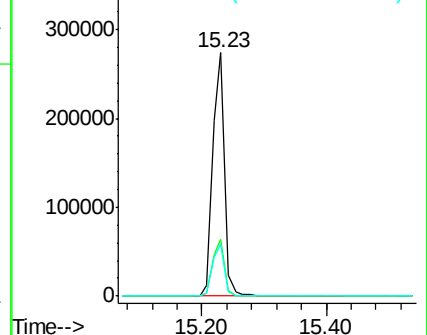
265 21.3 17.8 26.6

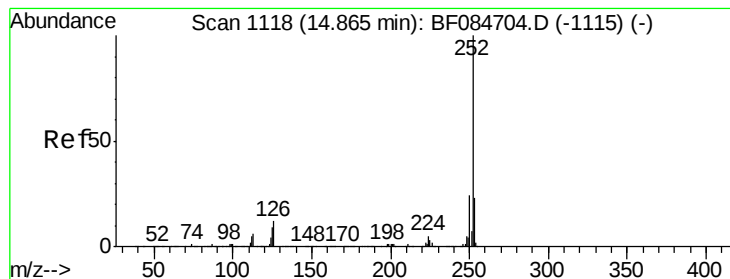


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 81.84 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

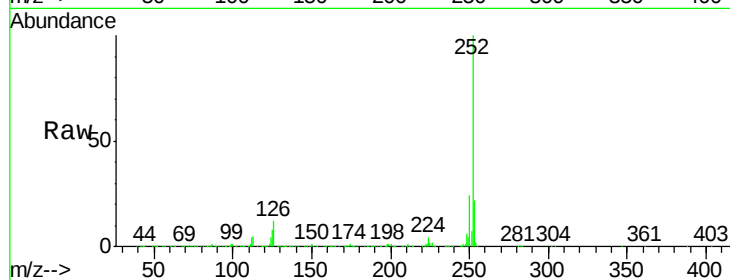
Tgt Ion:252 Resp: 1967590

Ion Ratio Lower Upper

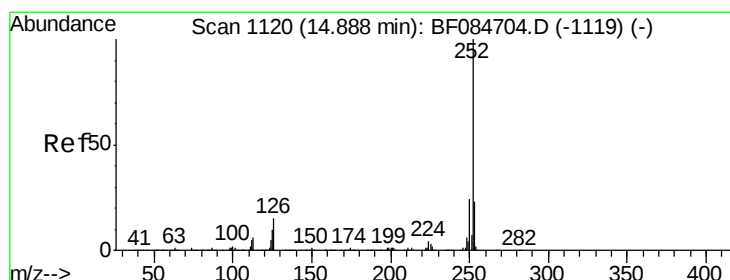
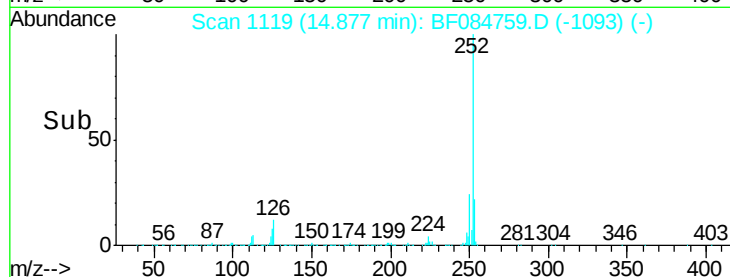
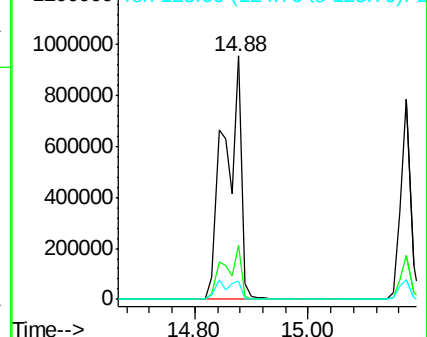
252 100

253 22.1 17.3 25.9

125 7.6 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: 98.98 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

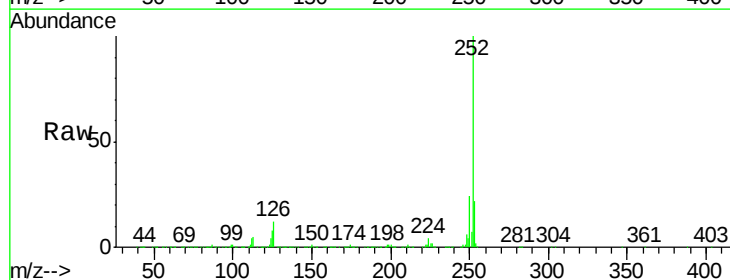
Tgt Ion:252 Resp: 1967590

Ion Ratio Lower Upper

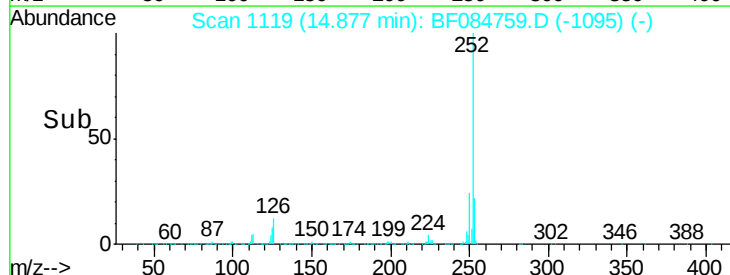
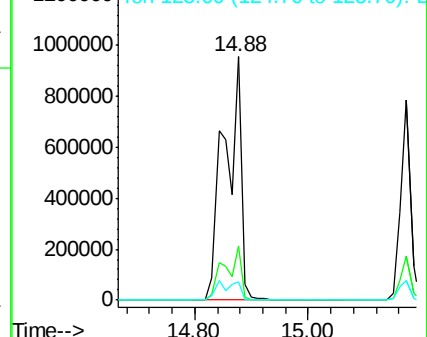
252 100

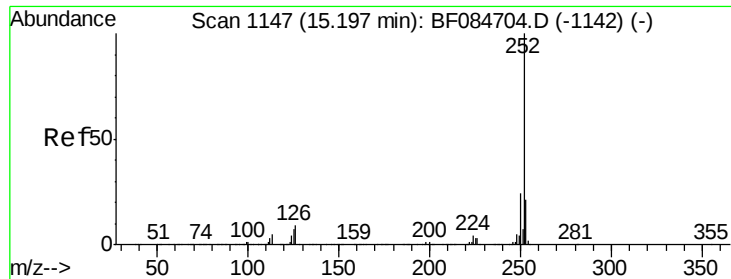
253 22.1 18.1 27.1

125 7.6 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: 44.55 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

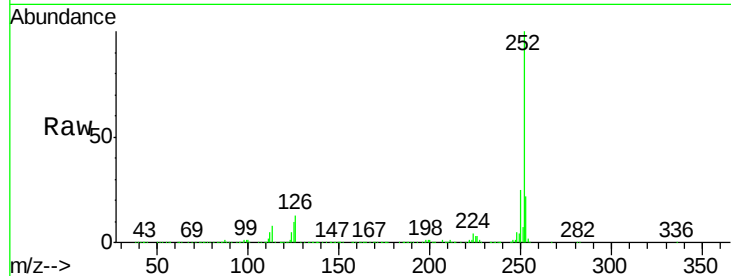
Tgt Ion:252 Resp: 912571

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

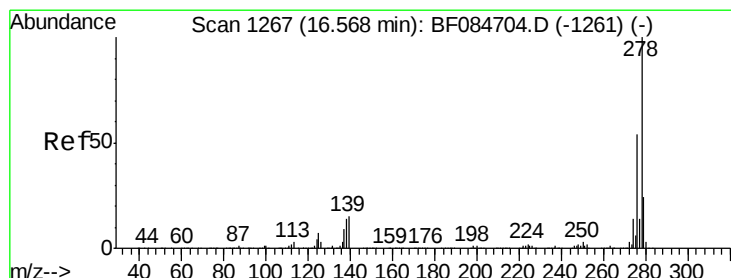
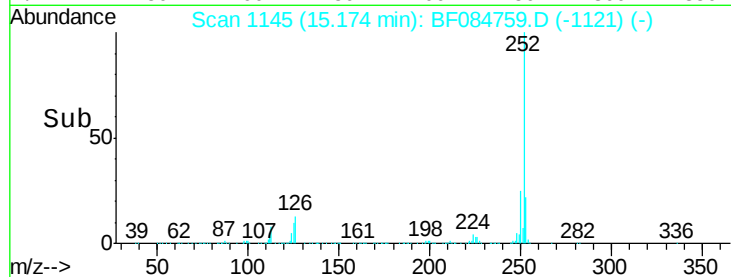
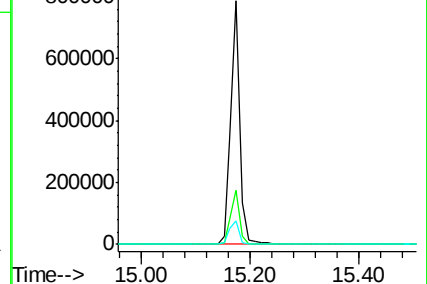
125 9.8 7.0 10.4



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: 47.26 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.03 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

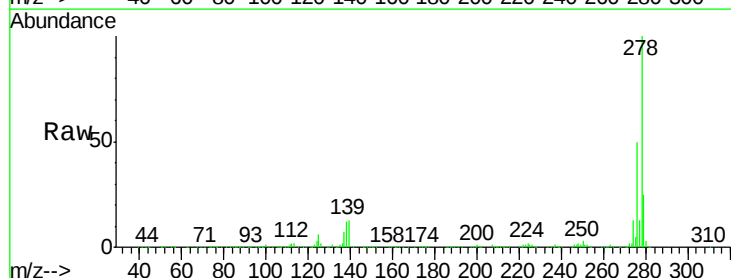
Tgt Ion:278 Resp: 814926

Ion Ratio Lower Upper

278 100

139 12.8 15.0 22.4#

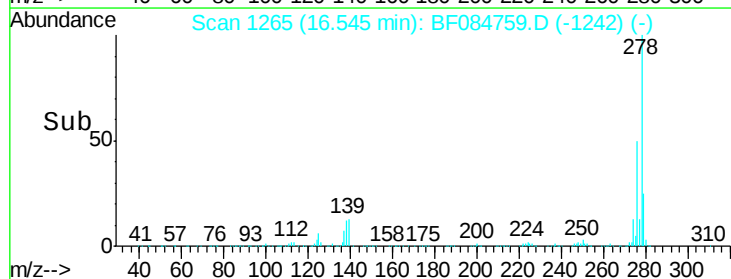
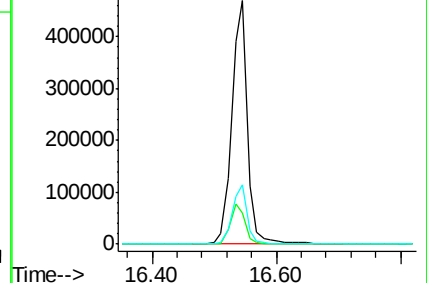
279 24.5 18.9 28.3

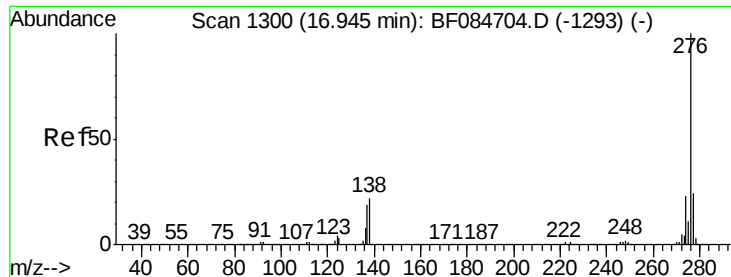


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.08 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BF084759.D

Acq: 2 Feb 2016 21:27

Instrument :

BNA_F

ClientSampleId :

IMPACT-PS-001MSD

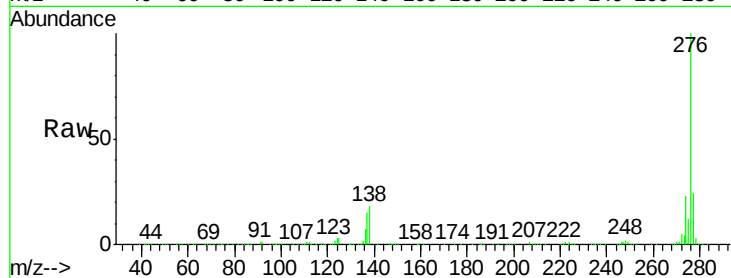
Tgt Ion: 276 Resp: 852564

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 18.4 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

