

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084745.D
 Acq On : 2 Feb 2016 7:56
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 02 08:21:40 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	6.72	152	161542	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	624587	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	296680	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	499392	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	295208	20.00	ng	-0.01
86) Perylene-d12	15.24	264	328344	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	774784	74.71	ng	-0.01
7) Phenol-d6	6.36	99	974841	75.82	ng	-0.01
23) Nitrobenzene-d5	7.29	82	910947	82.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	241752	78.12	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1455861	81.49	ng	-0.01
78) Terphenyl-d14	12.82	244	1194559	91.70	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	167182	36.80	ng	# 75
3) Pyridine	2.89	79	492581	41.62	ng	# 78
4) n-Nitrosodimethylamine	2.83	42	237690	38.83	ng	# 80
6) Aniline	6.37	93	589576	37.47	ng	# 84
8) 2-Chlorophenol	6.50	128	466362	39.73	ng	# 94
9) Benzaldehyde	6.26	77	312142	41.11	ng	# 94
10) Phenol	6.38	94	540484	37.52	ng	# 95
11) bis(2-Chloroethyl)ether	6.45	93	412743	36.75	ng	# 84
12) 1,3-Dichlorobenzene	6.89	146	470265	37.92	ng	# 99
13) 1,4-Dichlorobenzene	6.73	146	461169	37.19	ng	# 98
14) 1,2-Dichlorobenzene	6.89	146	470207	40.72	ng	# 97
15) Benzyl Alcohol	6.86	79	326462	36.77	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.00	45	695372	36.80	ng	# 89
17) 2-Methylphenol	6.99	107	367651	39.60	ng	# 93
18) Hexachloroethane	7.23	117	184114	38.56	ng	# 82
19) n-Nitroso-di-n-propylamine	7.14	70	291800	36.21	ng	# 74
20) 3+4-Methylphenols	7.15	107	458749	39.81	ng	# 88
22) Acetophenone	7.13	105	661632	40.19	ng	# 98
24) Nitrobenzene	7.30	77	456082	38.41	ng	# 92
25) Isophorone	7.55	82	871036	40.40	ng	# 97
26) 2-Nitrophenol	7.62	139	219613	37.50	ng	# 83
27) 2,4-Dimethylphenol	7.68	122	411039	40.35	ng	# 91
28) bis(2-Chloroethoxy)methane	7.77	93	504477	39.44	ng	# 96
29) 2,4-Dichlorophenol	7.87	162	367858	42.21	ng	# 96
30) 1,2,4-Trichlorobenzene	7.95	180	393521	39.98	ng	# 94
31) Naphthalene	8.02	128	1180473	37.68	ng	# 99
32) Benzoic acid	7.79	122	175181	26.89	ng	# 99
33) 4-Chloroaniline	8.08	127	467951	36.12	ng	# 97
34) Hexachlorobutadiene	8.14	225	234668	41.34	ng	# 98
35) Caprolactam	8.45	113	87771	32.68	ng	# 49
36) 4-Chloro-3-methylphenol	8.57	107	369548	37.17	ng	# 90
37) 2-Methylnaphthalene	8.72	142	825502	42.10	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	353859	37.55	ng	# 98
40) Hexachlorocyclopentadiene	8.86	237	71422	24.68	ng	# 98

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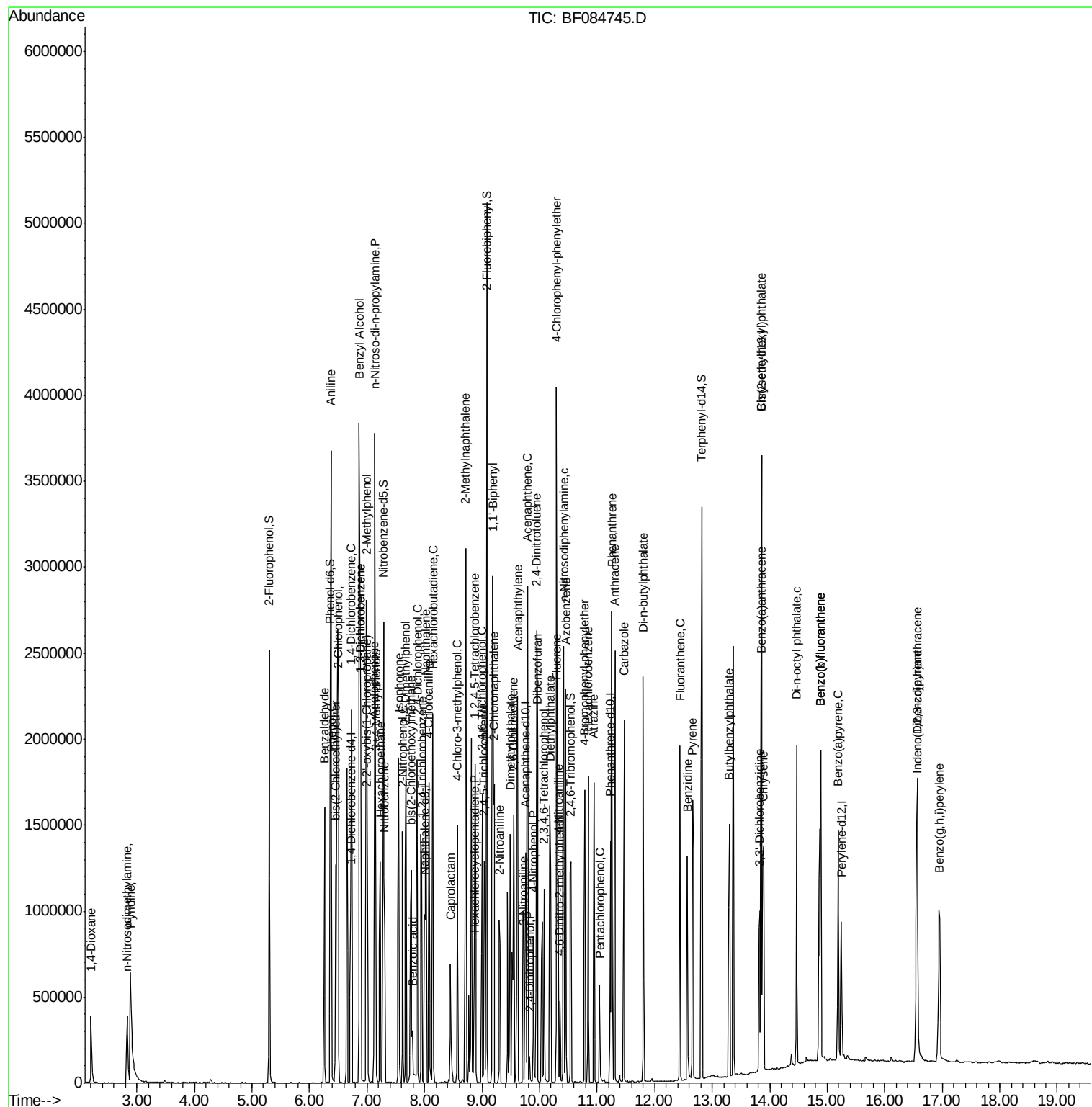
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	246484	40.61	ng	94
43) 2,4,5-Trichlorophenol	9.04	196	222293	36.04	ng #	79
45) 1,1'-Biphenyl	9.18	154	1089435	41.11	ng	96
46) 2-Chloronaphthalene	9.21	162	760592	38.98	ng #	87
47) 2-Nitroaniline	9.30	65	220358	35.66	ng	96
48) Acenaphthylene	9.62	152	1191343	40.23	ng	99
49) Dimethylphthalate	9.49	163	902921	39.96	ng #	91
50) 2,6-Dinitrotoluene	9.55	165	205410	41.61	ng #	83
51) Acenaphthene	9.79	154	761527	39.53	ng	97
52) 3-Nitroaniline	9.72	138	213944	38.57	ng #	63
53) 2,4-Dinitrophenol	9.82	184	26947	16.77	ng	89
54) Dibenzofuran	9.96	168	948162	40.27	ng	99
55) 4-Nitrophenol	9.89	139	138461	33.96	ng	89
56) 2,4-Dinitrotoluene	9.95	165	262756	41.73	ng	94
57) Fluorene	10.30	166	783371	39.84	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	157168	33.47	ng	91
59) Diethylphthalate	10.18	149	845417	38.32	ng	97
60) 4-Chlorophenyl-phenylether	10.29	204	346580	41.36	ng	92
61) 4-Nitroaniline	10.33	138	210977	39.03	ng	92
62) Azobenzene	10.45	77	849605	40.04	ng	91
64) 4,6-Dinitro-2-methylphenol	10.35	198	57117	18.53	ng #	48
65) n-Nitrosodiphenylamine	10.42	169	718812	45.33	ng	97
66) 4-Bromophenyl-phenylether	10.78	248	243269	44.10	ng #	94
67) Hexachlorobenzene	10.84	284	224030	37.28	ng #	79
68) Atrazine	10.94	200	187446	37.43	ng	98
69) Pentachlorophenol	11.05	266	92876	32.88	ng	97
70) Phenanthrene	11.25	178	985157	35.57	ng	97
71) Anthracene	11.31	178	1172094	42.00	ng	100
72) Carbazole	11.47	167	963635	39.60	ng	98
73) Di-n-butylphthalate	11.80	149	1187056	38.31	ng #	97
74) Fluoranthene	12.44	202	998119	35.60	ng	94
76) Benzidine	12.57	184	480981	47.70	ng	98
77) Pyrene	12.66	202	950176	42.04	ng	100
79) Butylbenzylphthalate	13.30	149	439809	42.89	ng #	85
80) Benzo(a)anthracene	13.85	228	700343	38.22	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	294468	45.39	ng	96
82) Chrysene	13.89	228	710462	39.99	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	569645	44.64	ng #	96
84) Di-n-octyl phthalate	14.47	149	865996	41.14	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.56	276	921908	65.92	ng	98
87) Benzo(b)fluoranthene	14.89	252	1468725	66.57	ng	97
88) Benzo(k)fluoranthene	14.89	252	1468725	80.52	ng #	98
89) Benzo(a)pyrene	15.19	252	725581	38.60	ng #	95
90) Dibenzo(a,h)anthracene	16.57	278	756407	47.80	ng	97
91) Benzo(g,h,i)perylene	16.96	276	791022	49.63	ng #	95

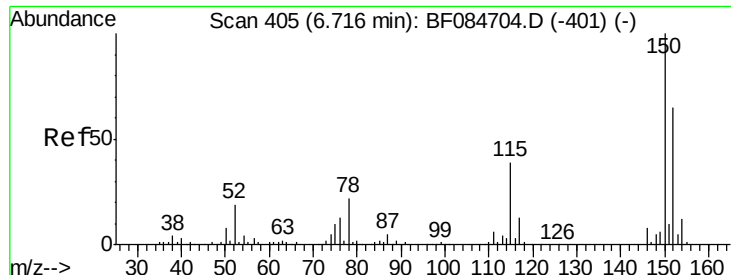
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

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Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

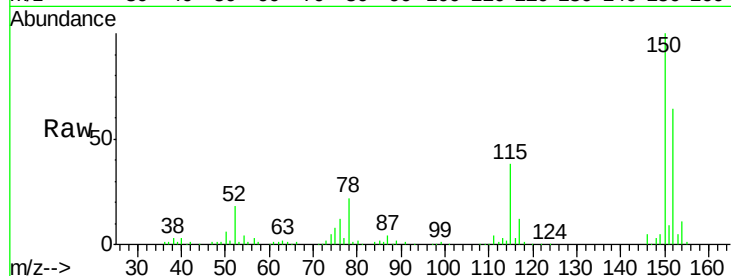
Tgt Ion:152 Resp: 161542

Ion Ratio Lower Upper

152 100

150 156.9 123.0 184.4

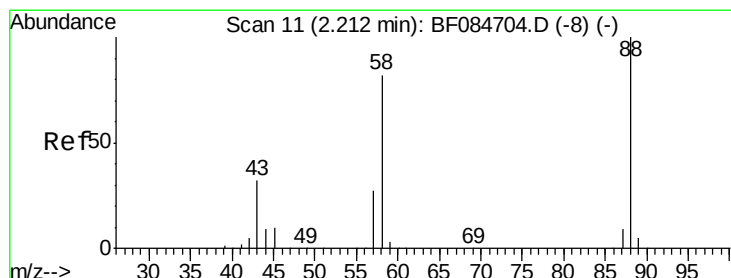
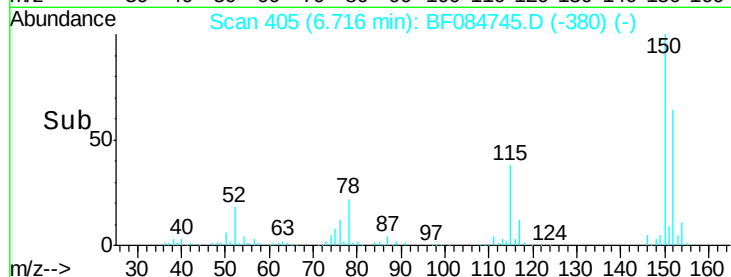
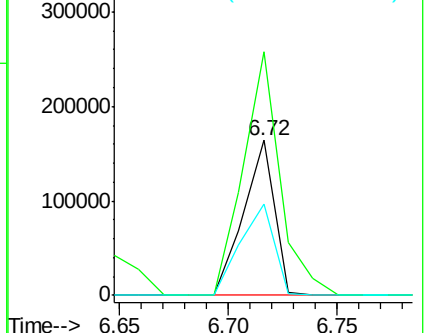
115 58.9 51.4 77.2



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: 36.80 ng

RT: 2.20 min Scan# 10

Delta R.T. -0.02 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

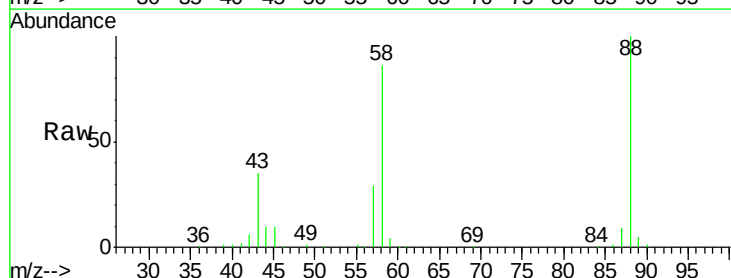
Tgt Ion: 88 Resp: 167182

Ion Ratio Lower Upper

88 100

58 84.7 51.2 76.8#

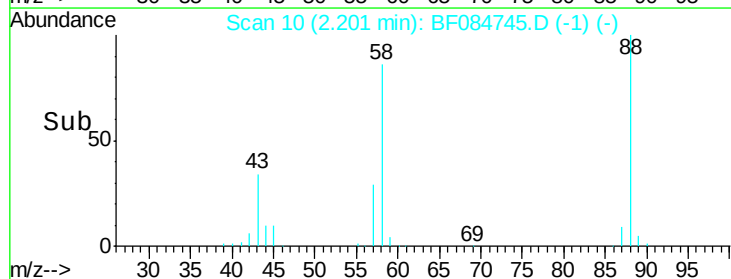
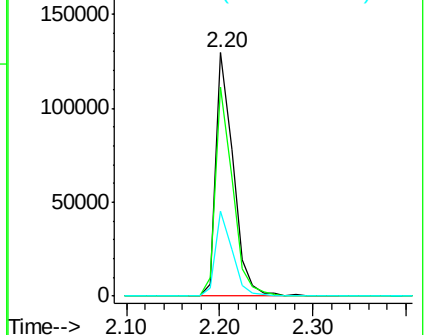
43 34.4 19.5 29.3#

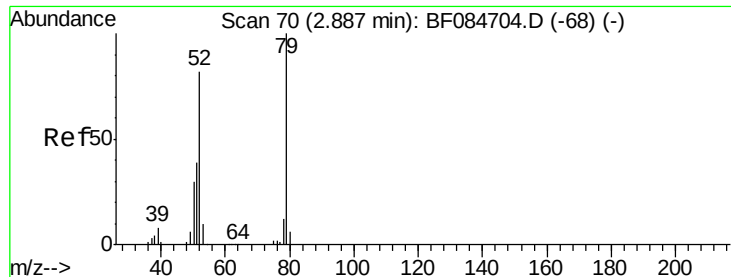


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.62 ng

RT: 2.89 min Scan# 70

Delta R.T. -0.02 min

Lab File: BF084745.D

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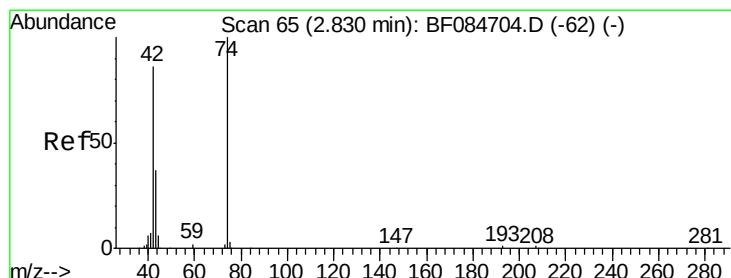
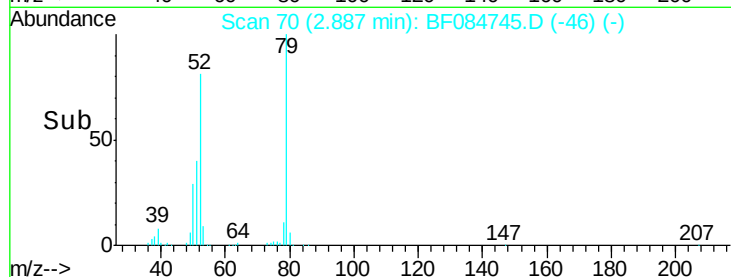
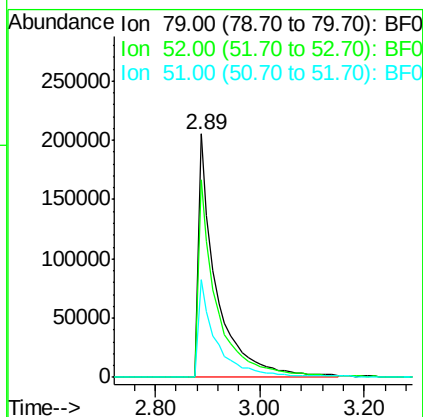
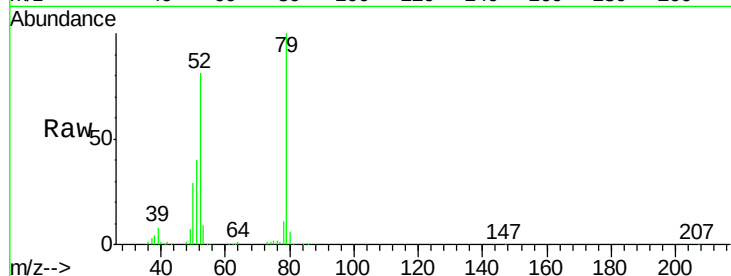
Tgt Ion: 79 Resp: 492581

Ion Ratio Lower Upper

79 100

52 81.2 49.0 73.4#

51 39.9 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 38.83 ng

RT: 2.83 min Scan# 65

Delta R.T. -0.02 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

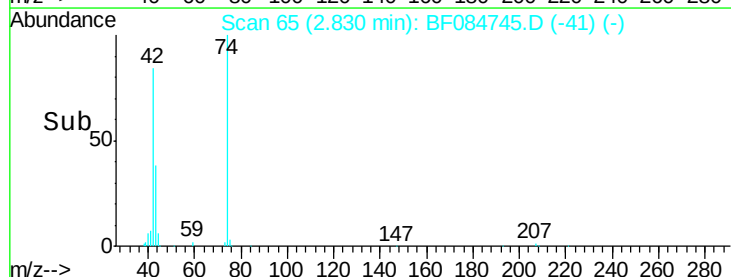
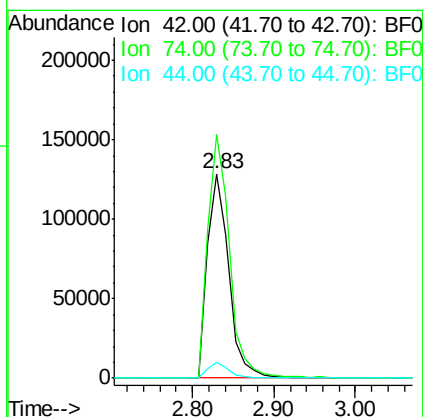
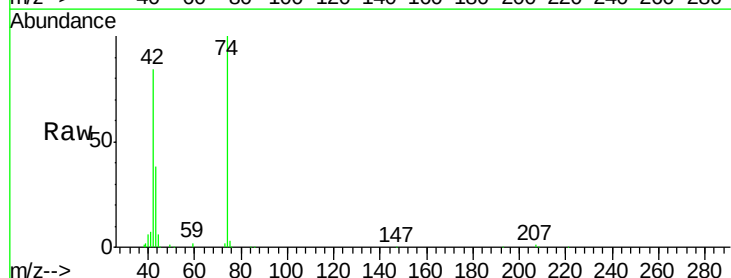
Tgt Ion: 42 Resp: 237690

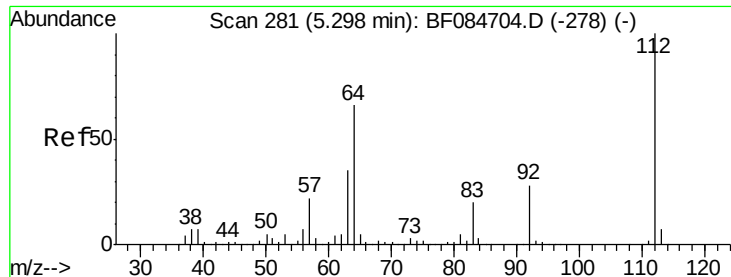
Ion Ratio Lower Upper

42 100

74 119.1 115.7 173.5

44 7.6 5.1 7.7





#5

2-Fluorophenol

Concen: 74.71 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

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Acq: 2 Feb 2016 7:56

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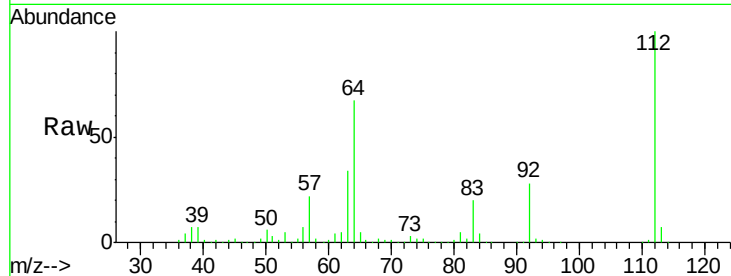
Tgt Ion: 112 Resp: 774784

Ion Ratio Lower Upper

112 100

64 67.4 36.6 55.0#

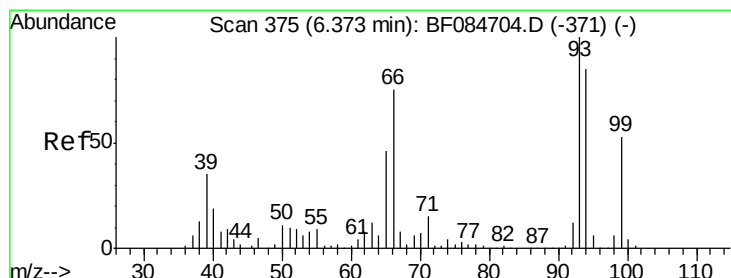
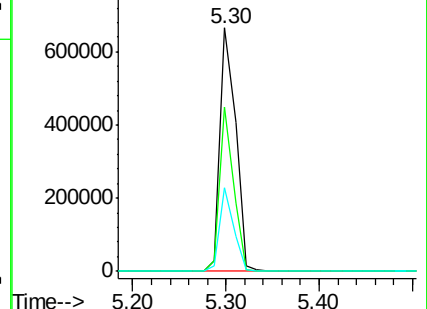
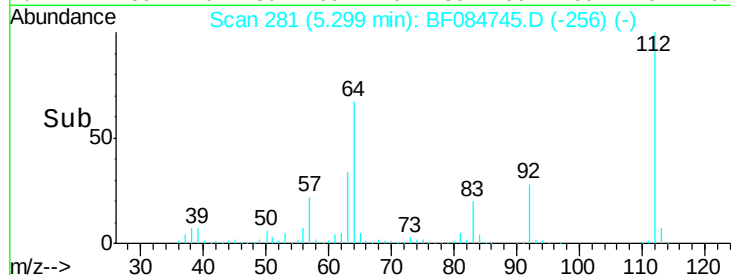
63 34.4 19.4 29.0#



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: 37.47 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

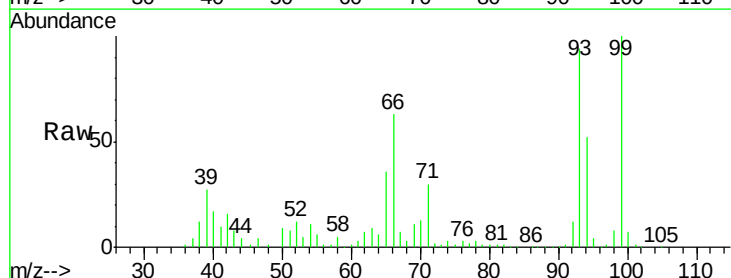
Tgt Ion: 93 Resp: 589576

Ion Ratio Lower Upper

93 100

66 67.0 44.9 67.3

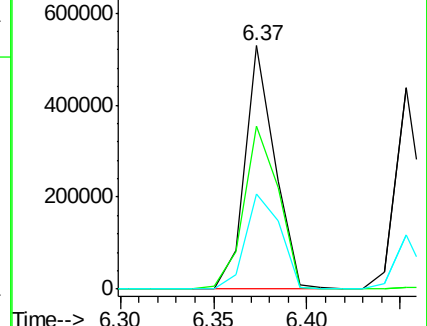
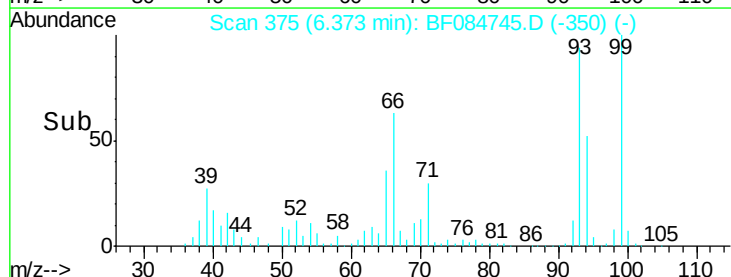
65 38.9 23.7 35.5#

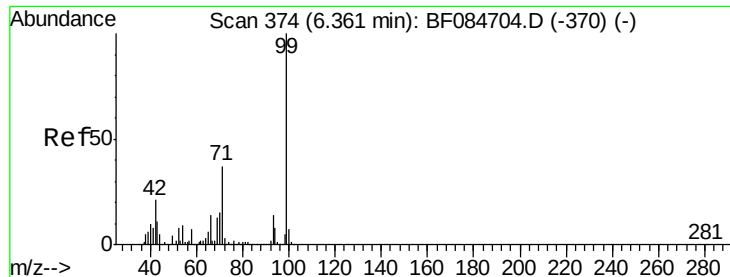


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.82 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

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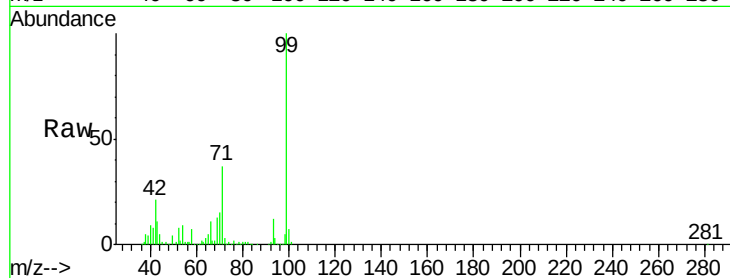
Tgt Ion: 99 Resp: 974841

Ion Ratio Lower Upper

99 100

42 21.3 12.8 19.2#

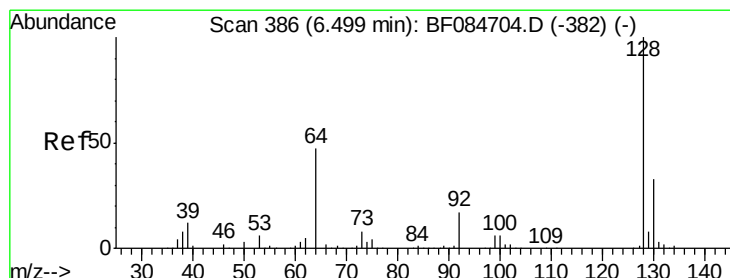
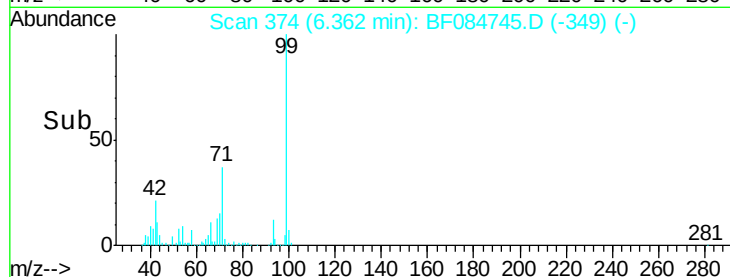
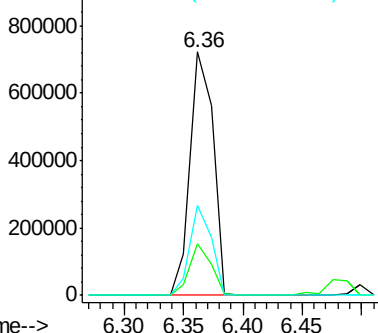
71 36.8 30.9 46.3



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: 39.73 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

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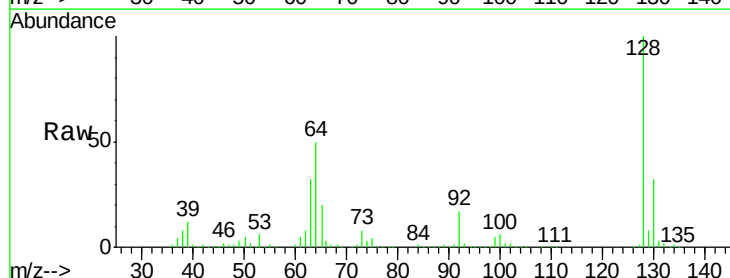
Tgt Ion: 128 Resp: 466362

Ion Ratio Lower Upper

128 100

130 32.0 11.6 51.6

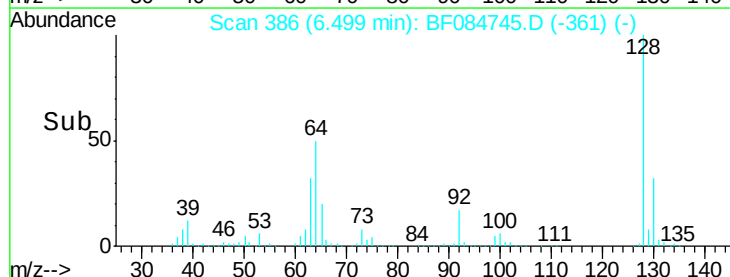
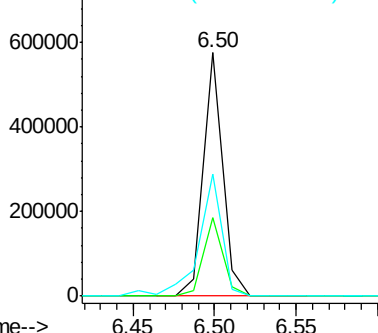
64 50.0 23.8 63.8

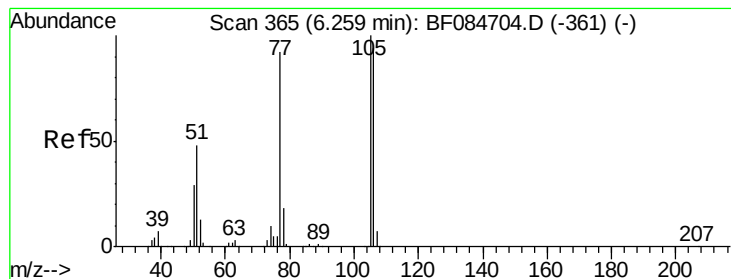


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.11 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

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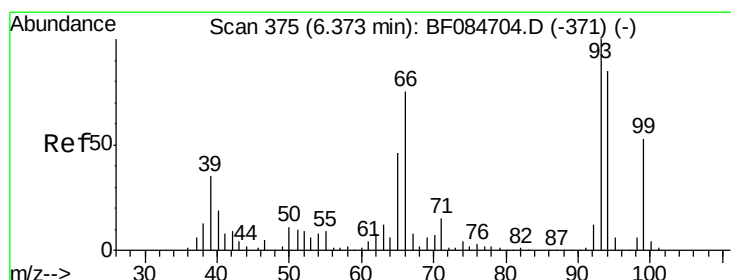
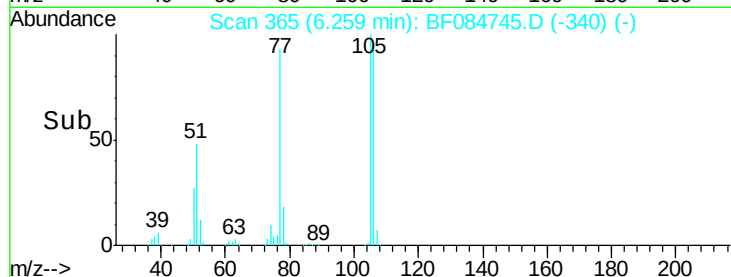
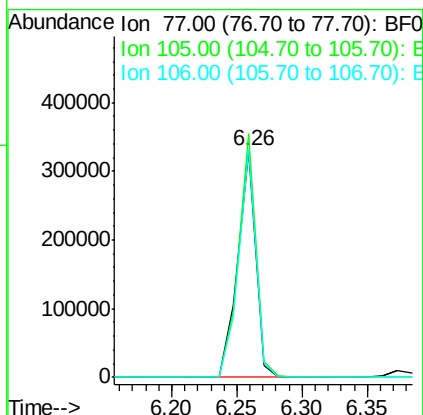
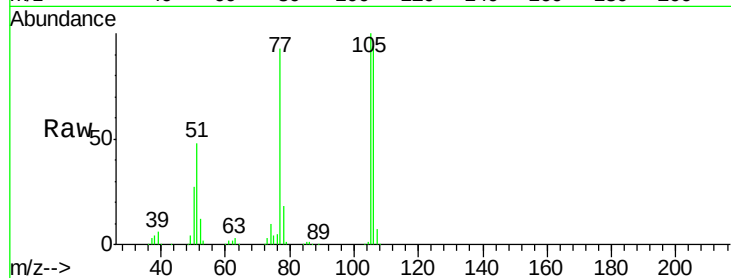
Tgt Ion: 77 Resp: 312142

Ion Ratio Lower Upper

77 100

105 107.9 83.0 123.0

106 101.2 74.6 114.6



#10

Phenol

Concen: 37.52 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

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Acq: 2 Feb 2016 7:56

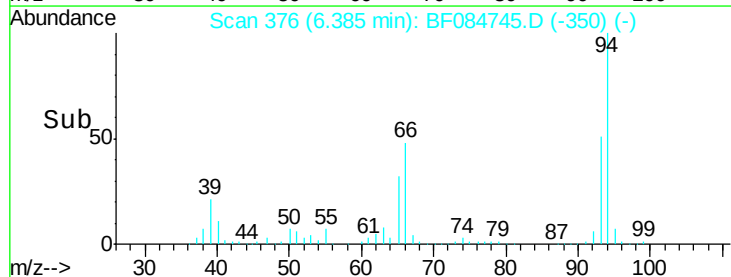
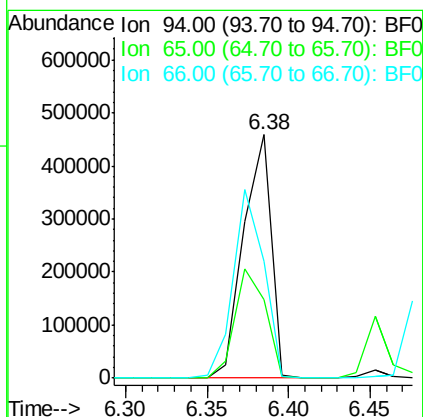
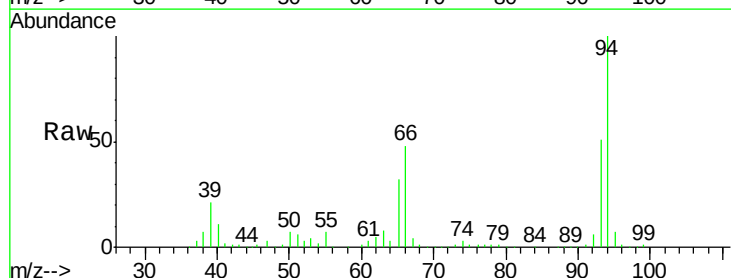
Tgt Ion: 94 Resp: 540484

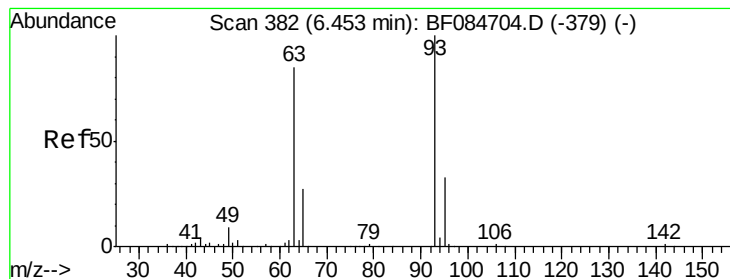
Ion Ratio Lower Upper

94 100

65 32.3 12.9 52.9

66 47.9 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 36.75 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

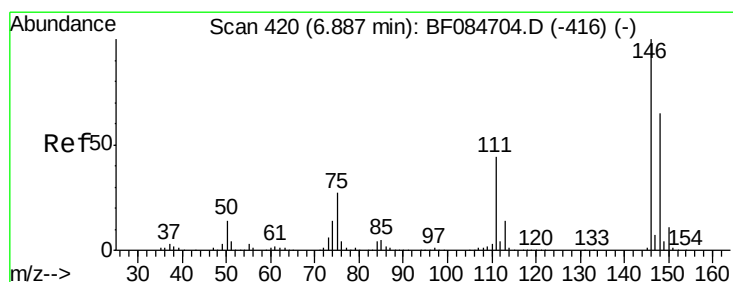
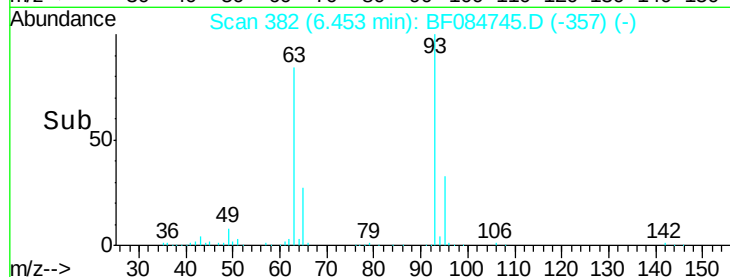
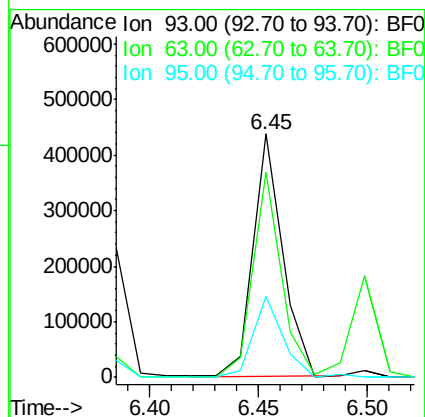
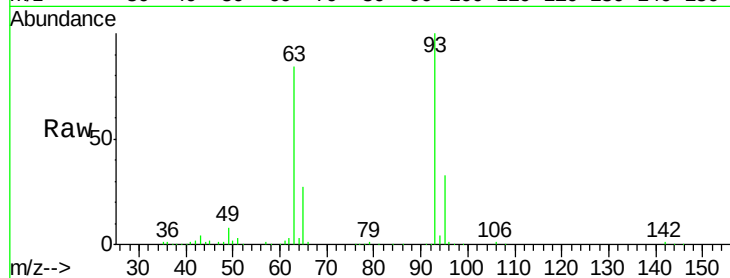
Tgt Ion: 93 Resp: 412743

Ion Ratio Lower Upper

93 100

63 84.3 45.9 85.9

95 33.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 37.92 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.23 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

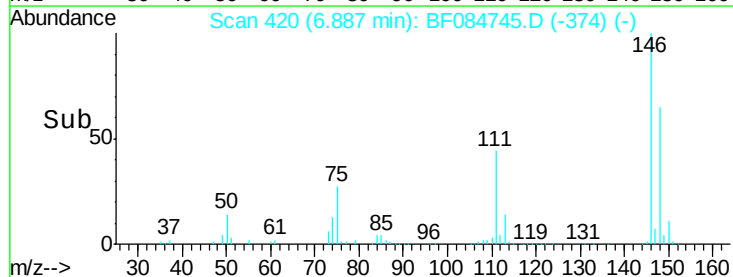
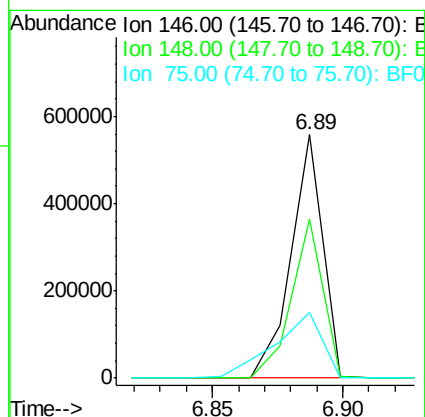
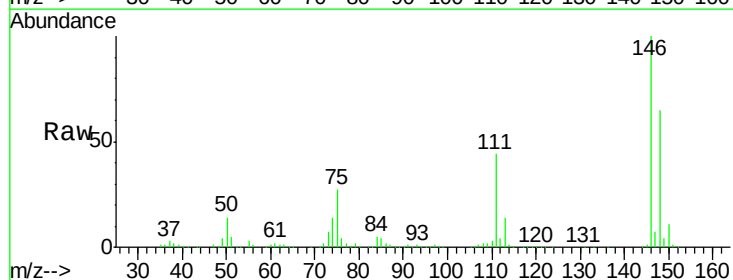
Tgt Ion: 146 Resp: 470265

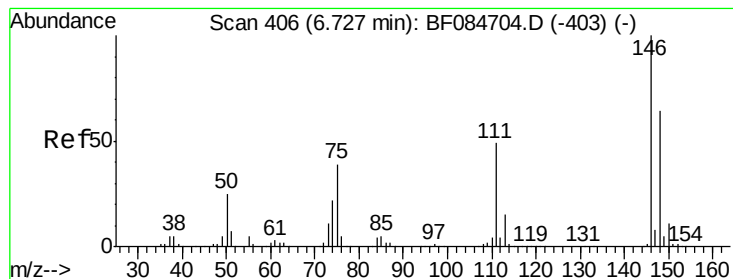
Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

75 26.9 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 37.19 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

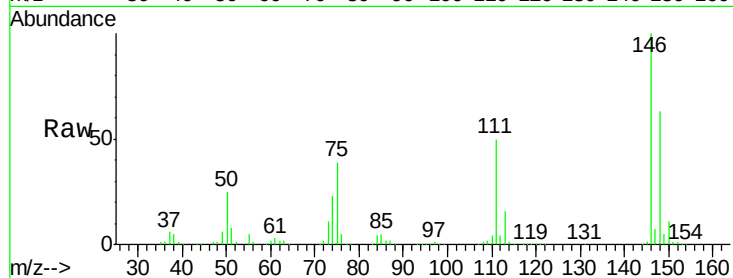
Tgt Ion:146 Resp: 461169

Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

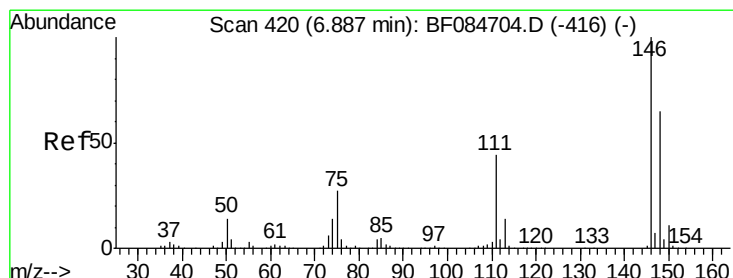
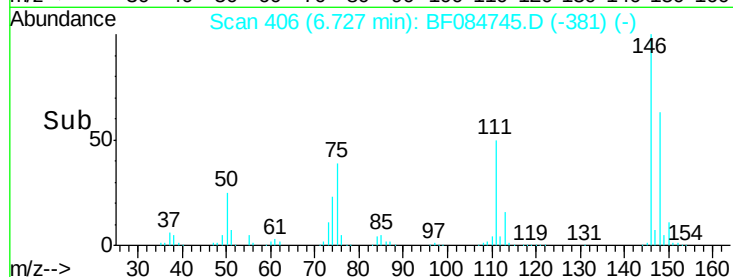
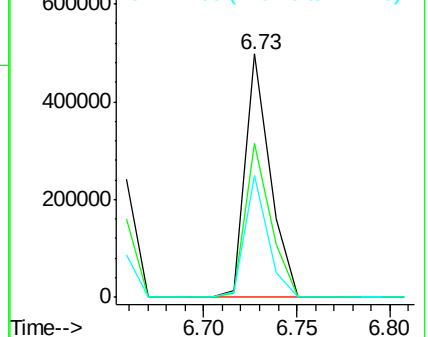
111 50.1 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.72 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

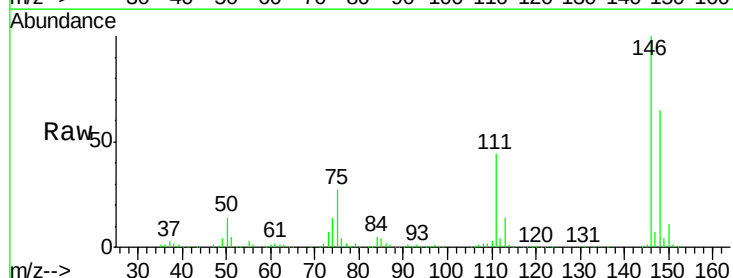
Tgt Ion:146 Resp: 470207

Ion Ratio Lower Upper

146 100

148 65.1 51.6 77.4

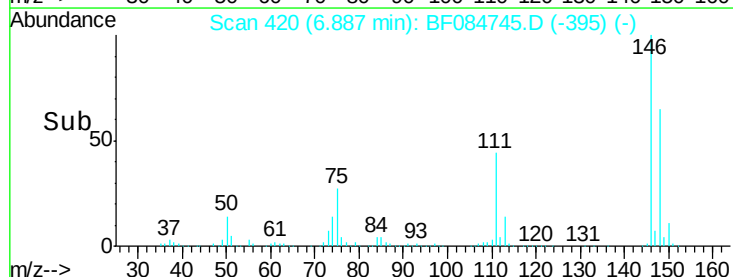
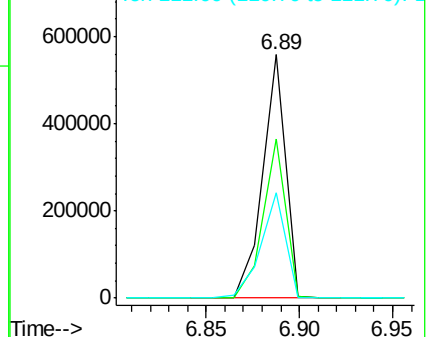
111 43.5 38.0 57.0

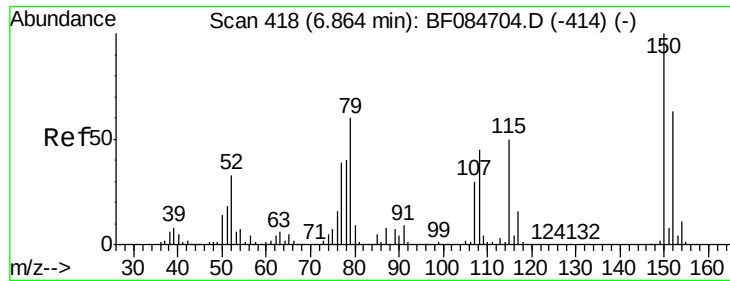


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.77 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

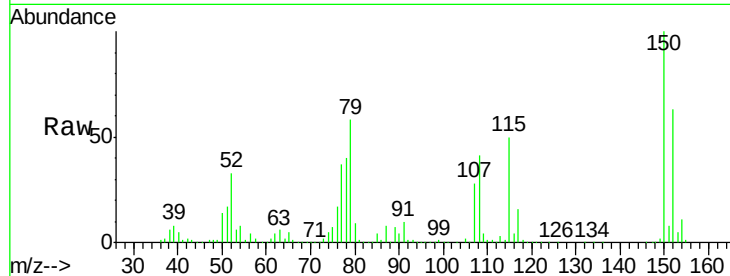
Tgt Ion: 79 Resp: 326462

Ion Ratio Lower Upper

79 100

108 70.6 69.0 103.4

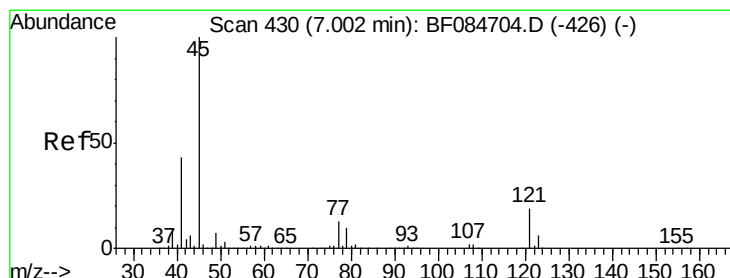
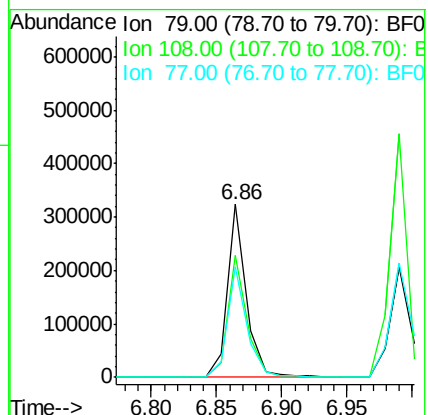
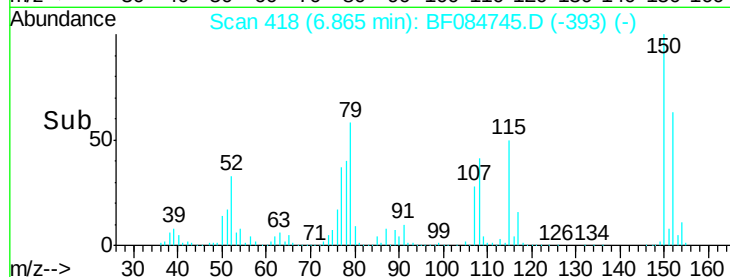
77 63.6 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.80 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

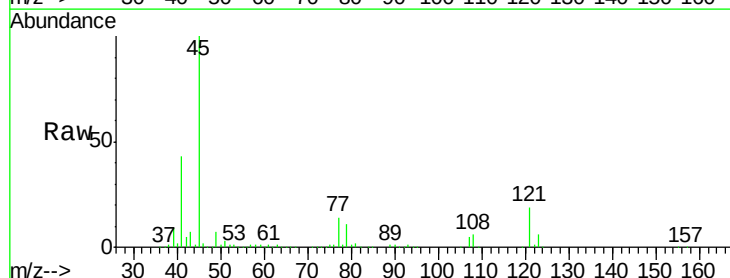
Tgt Ion: 45 Resp: 695372

Ion Ratio Lower Upper

45 100

77 13.9 0.0 39.6

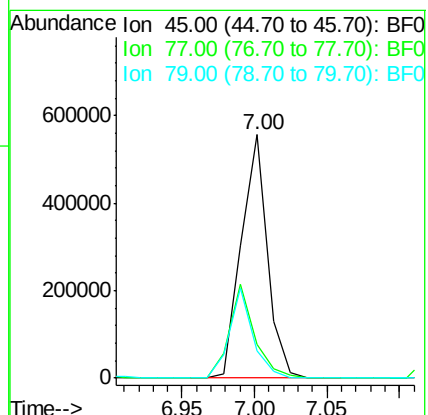
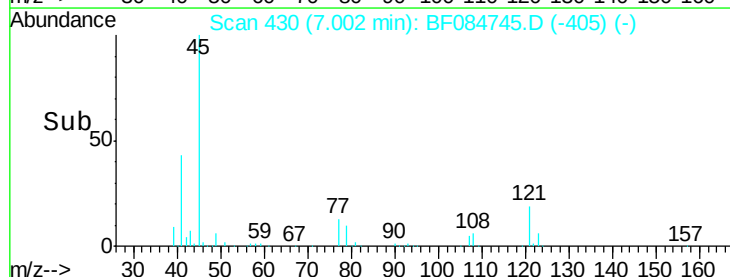
79 11.1 0.0 35.0

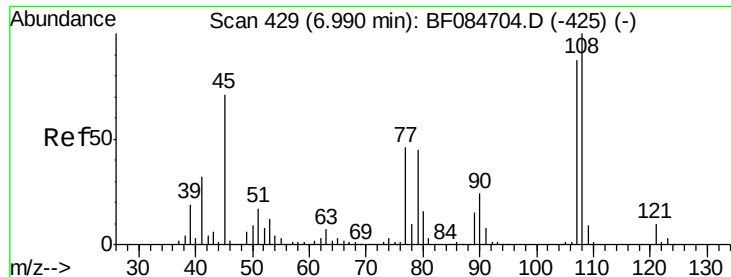


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.60 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 367651

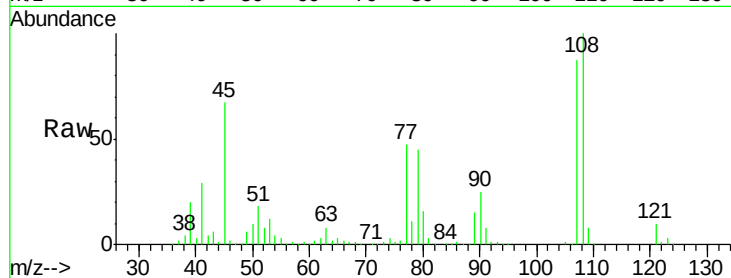
Ion Ratio Lower Upper

107 100

108 114.3 89.8 134.6

77 53.6 35.7 53.5#

79 52.0 35.7 53.5

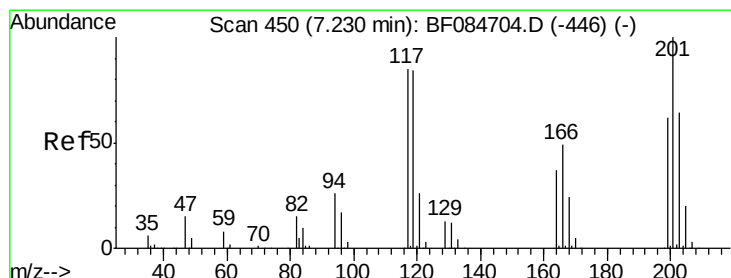
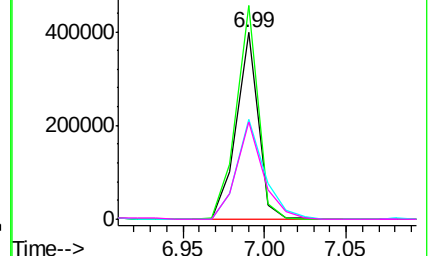
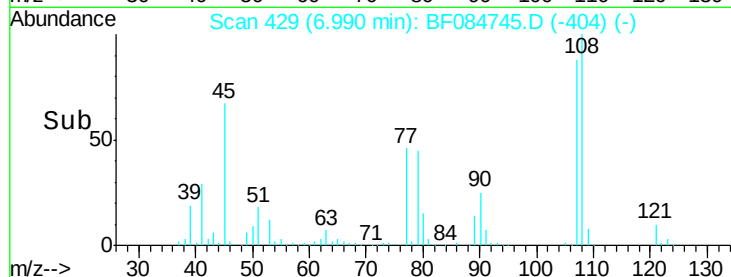


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.56 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

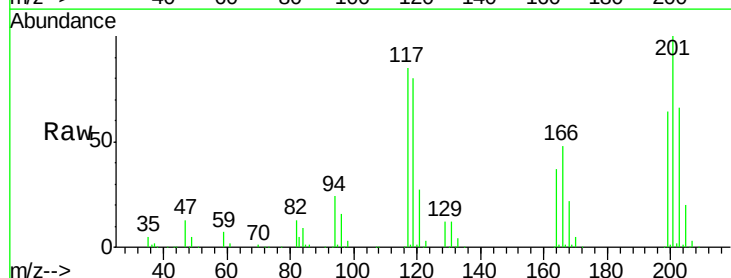
Tgt Ion:117 Resp: 184114

Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.0

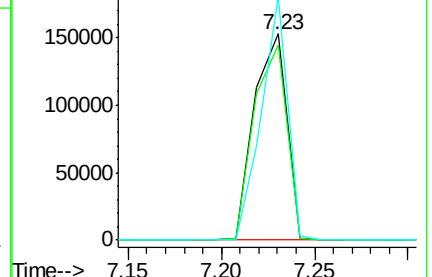
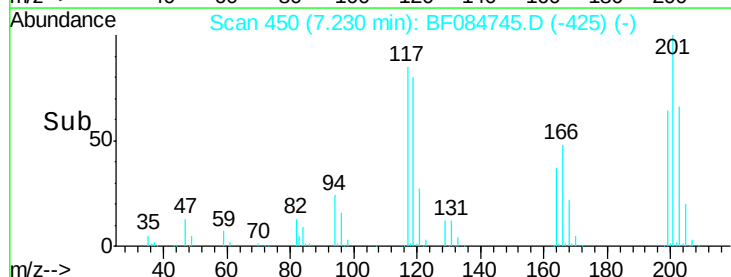
201 118.2 68.6 103.0#

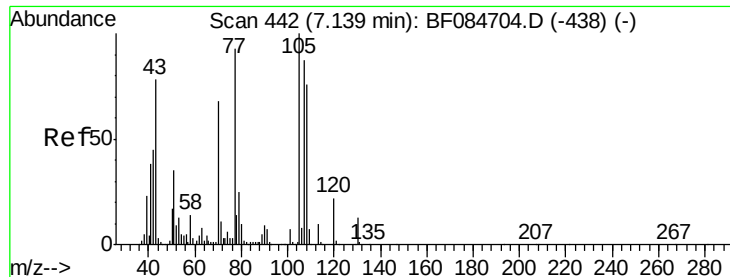


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

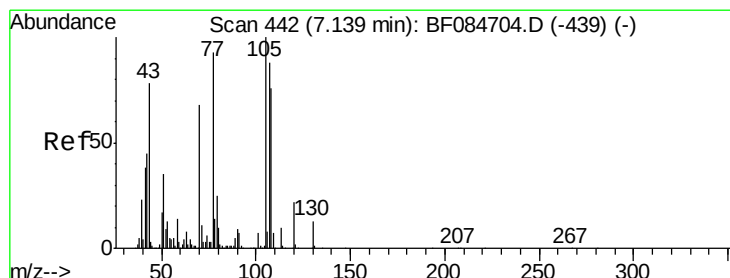
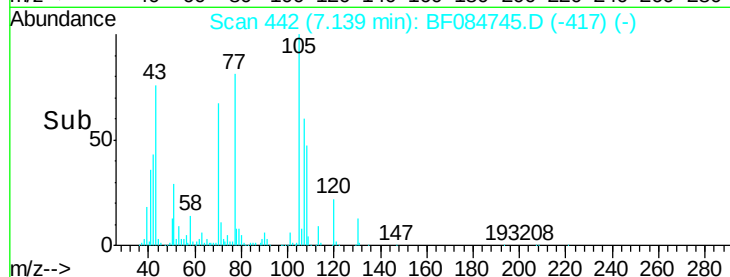
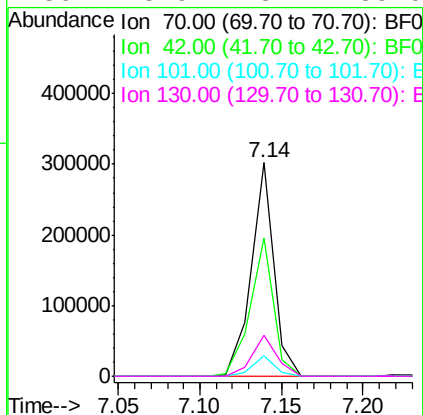
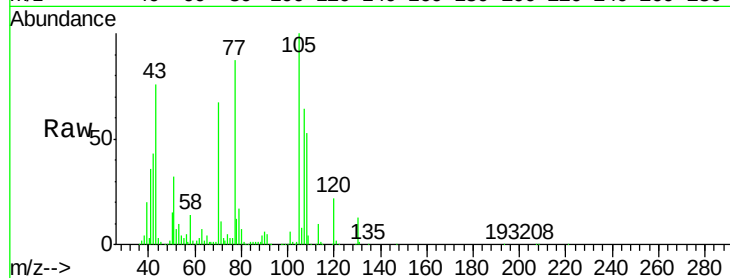




#19
n-Nitroso-di-n-propylamine
Concen: 36.21 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

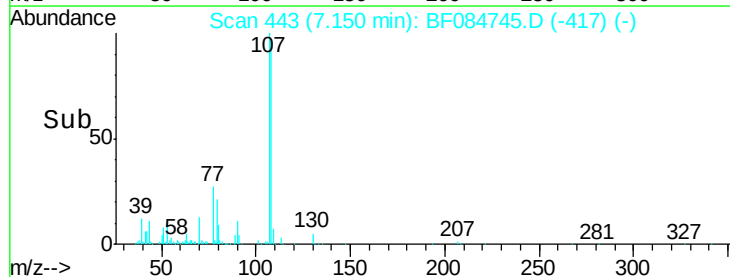
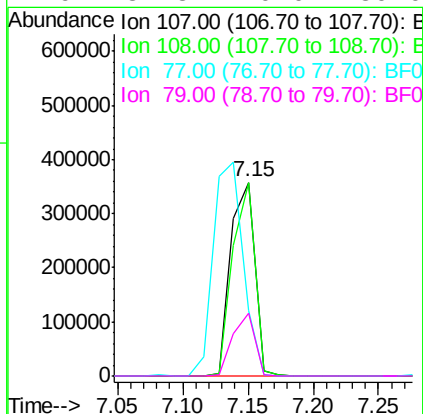
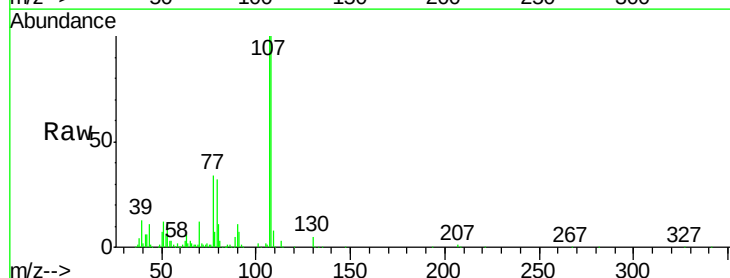
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

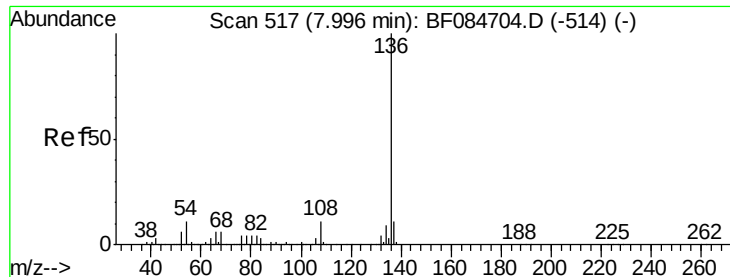
Tgt Ion:	70	Resp:	291800
Ion	Ratio	Lower	Upper
70	100		
42	64.8	33.3	49.9#
101	9.5	9.3	13.9
130	18.9	23.4	35.0#



#20
3+4-Methylphenols
Concen: 39.81 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion:	107	Resp:	458749
Ion	Ratio	Lower	Upper
107	100		
108	100.1	74.6	114.6
77	33.8	0.7	40.7
79	32.3	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 624587

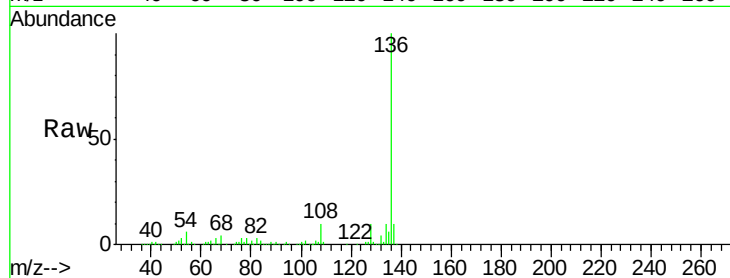
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.9 5.8 8.8

68 3.5 4.2 6.2#

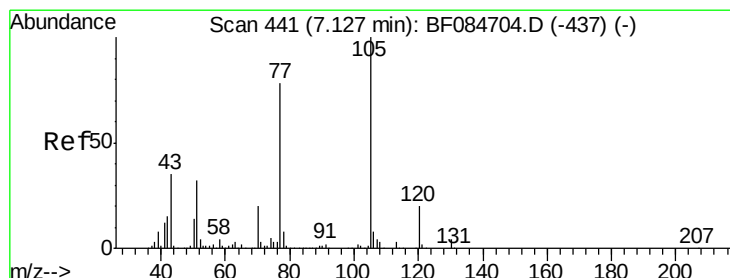
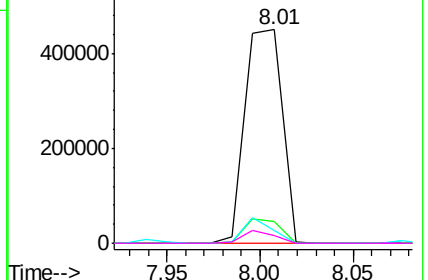
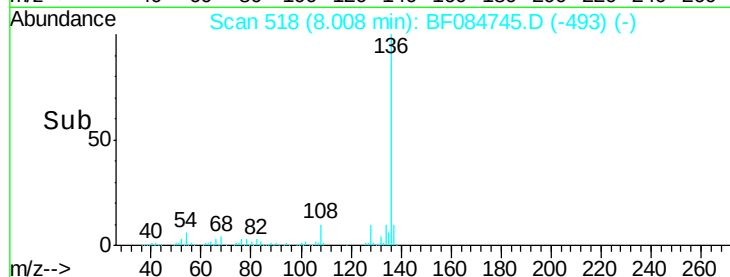


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.19 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion:105 Resp: 661632

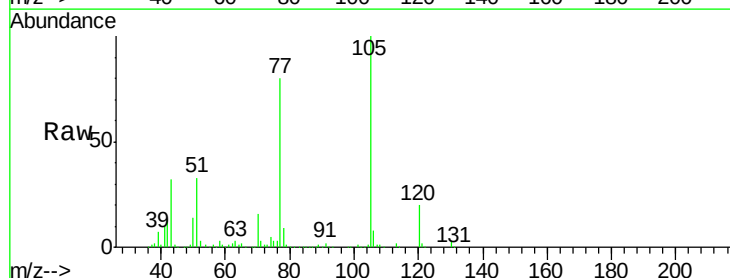
Ion Ratio Lower Upper

105 100

71 2.8 3.7 5.5#

51 32.8 25.1 37.7

120 20.0 16.6 25.0

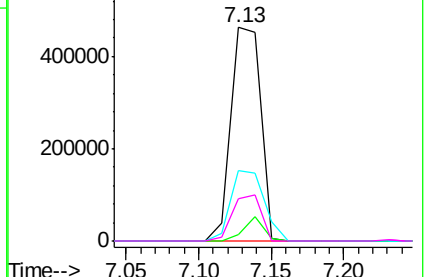
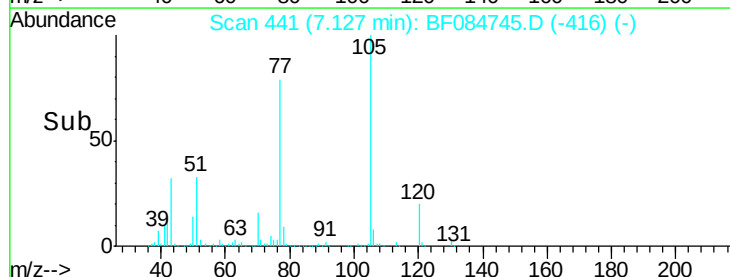


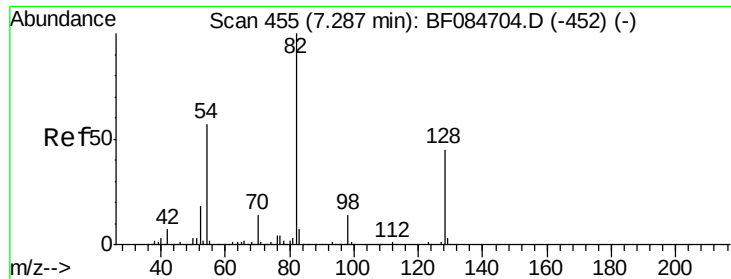
Abundance Ion 105.00 (104.70 to 105.70): E

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

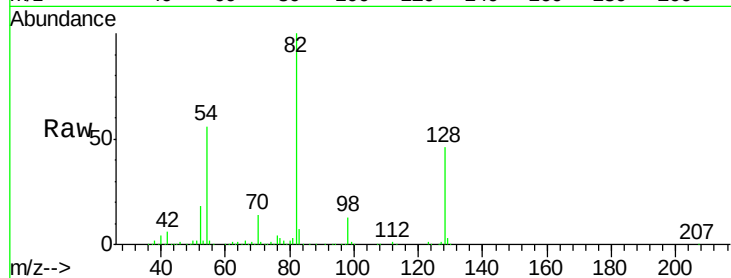




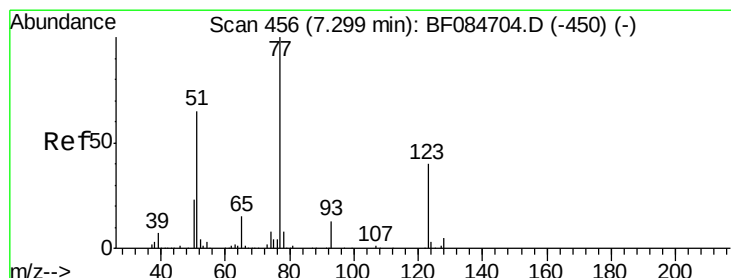
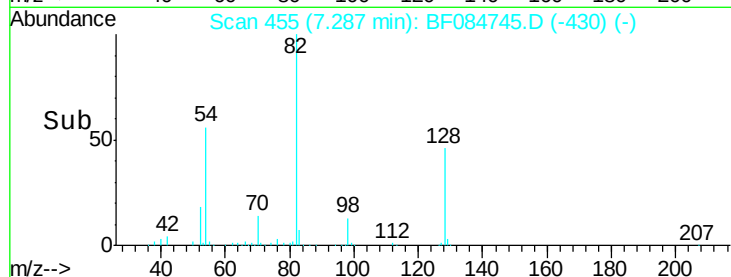
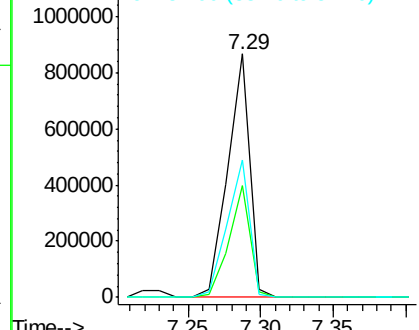
#23
 Nitrobenzene-d5
 Concen: 82.16 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.6	51.8
54	56.3	38.4	57.6

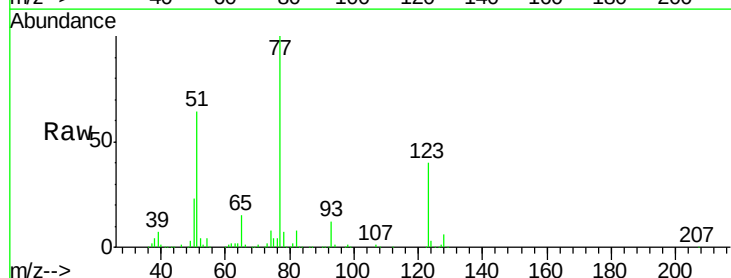


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

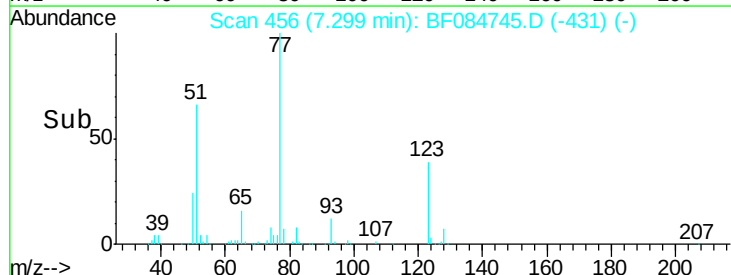
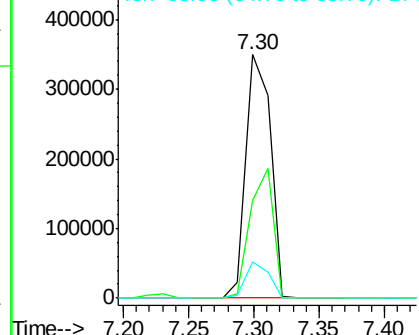


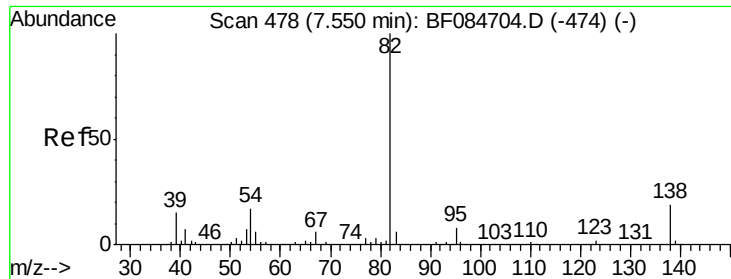
#24
 Nitrobenzene
 Concen: 38.41 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.1	37.4	56.2
65	14.9	10.9	16.3



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





#25

Isophorone

Concen: 40.40 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

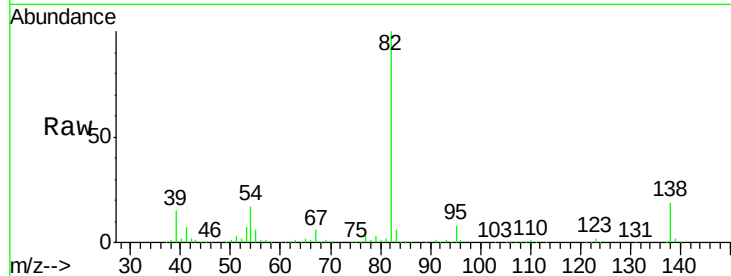
Tgt Ion: 82 Resp: 871036

Ion Ratio Lower Upper

82 100

95 7.8 6.6 10.0

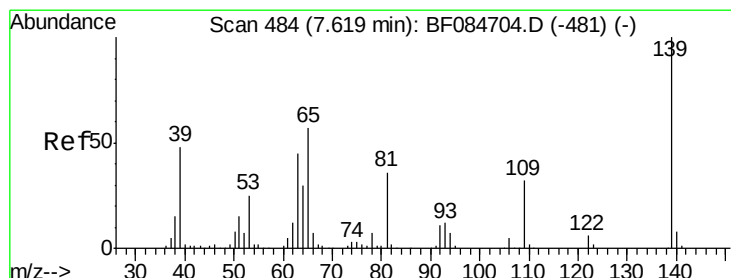
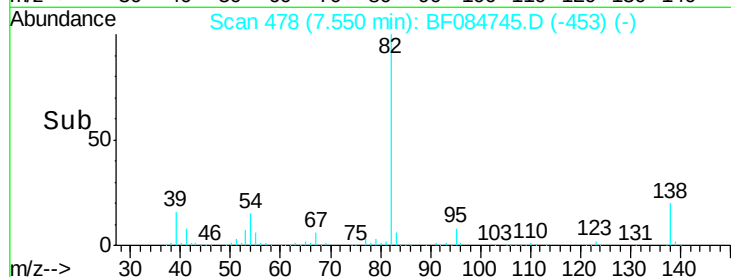
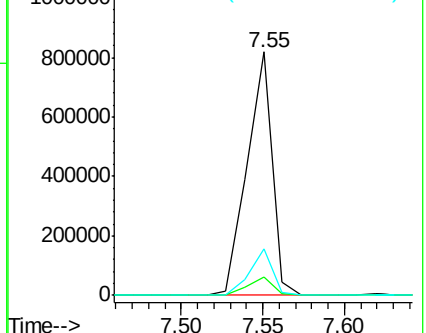
138 18.9 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.50 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

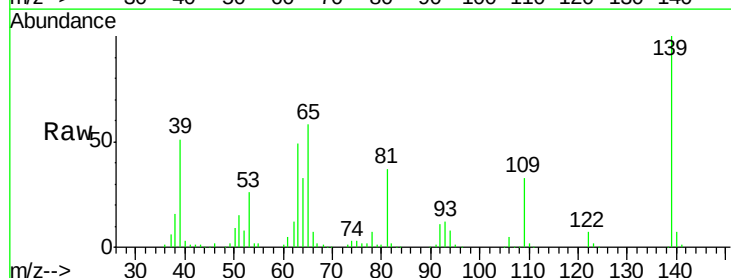
Tgt Ion: 139 Resp: 219613

Ion Ratio Lower Upper

139 100

109 32.6 25.4 38.2

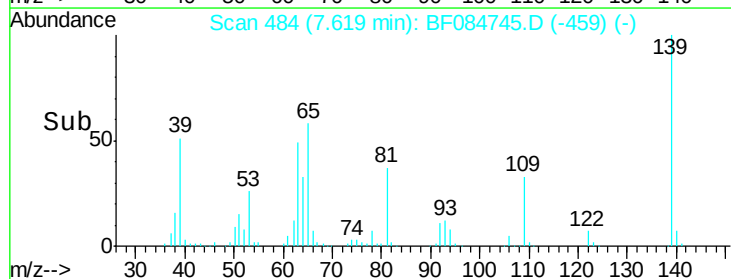
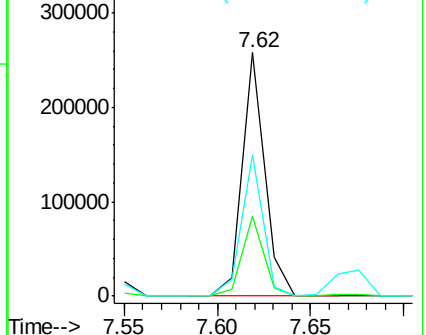
65 58.1 32.3 48.5#

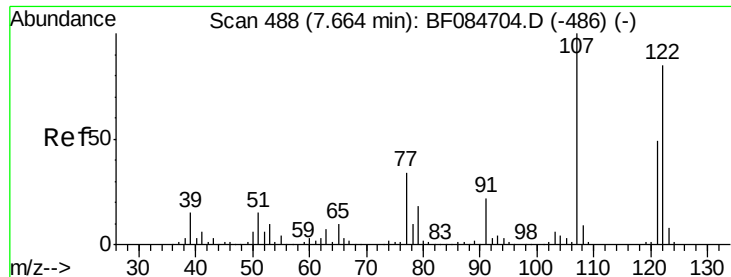


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

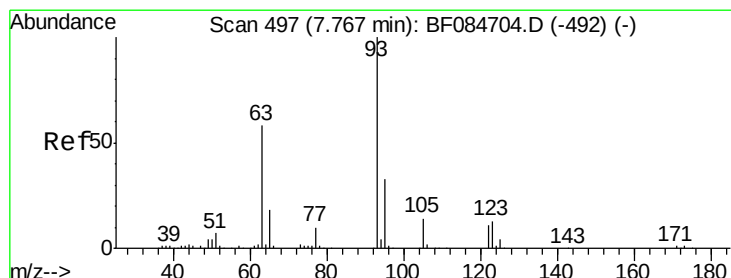
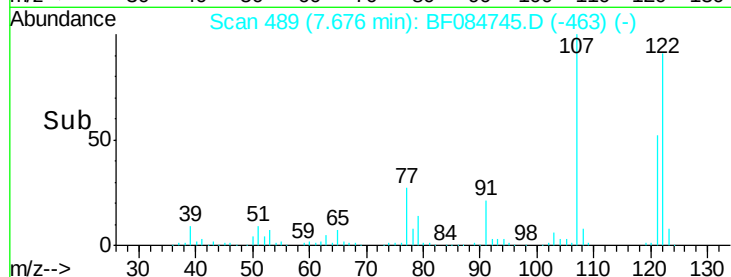
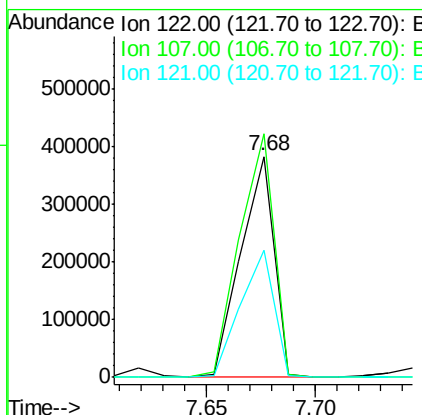
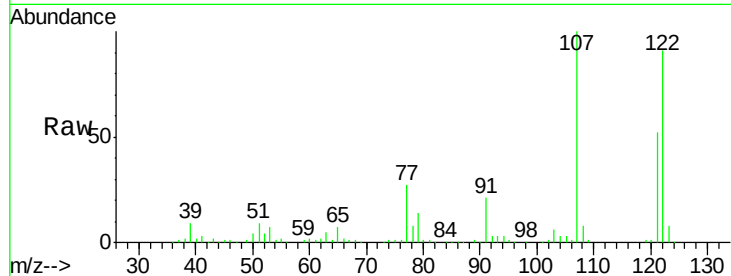




#27
 2,4-Dimethylphenol
 Concen: 40.35 ng
 RT: 7.68 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

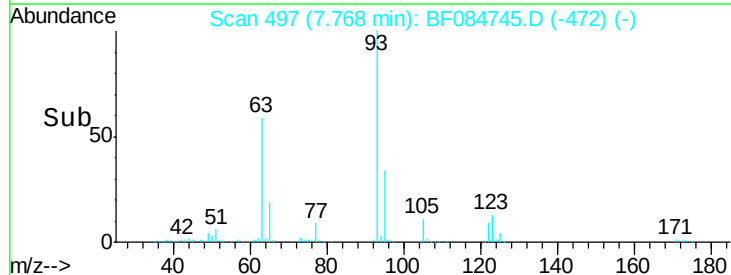
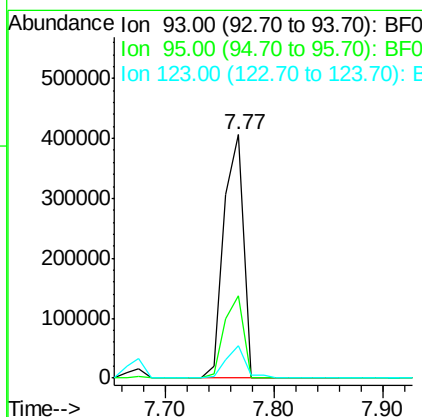
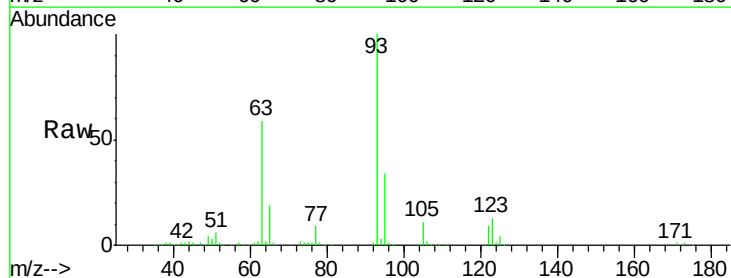
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

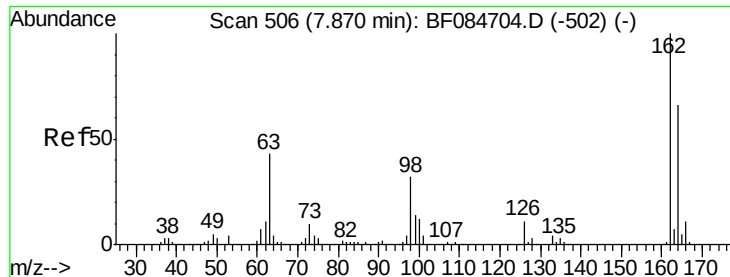
Tgt Ion:122 Resp: 411039
 Ion Ratio Lower Upper
 122 100
 107 110.2 99.1 148.7
 121 57.7 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.44 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion: 93 Resp: 504477
 Ion Ratio Lower Upper
 93 100
 95 33.6 25.8 38.6
 123 13.3 8.6 12.8#

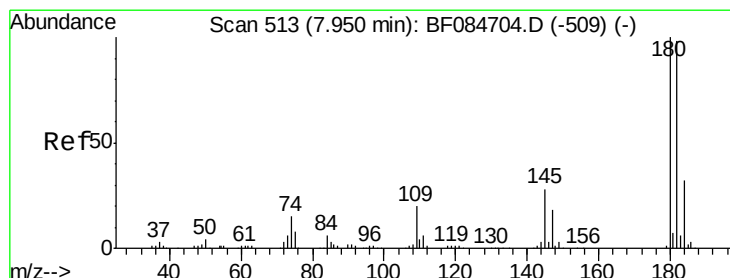
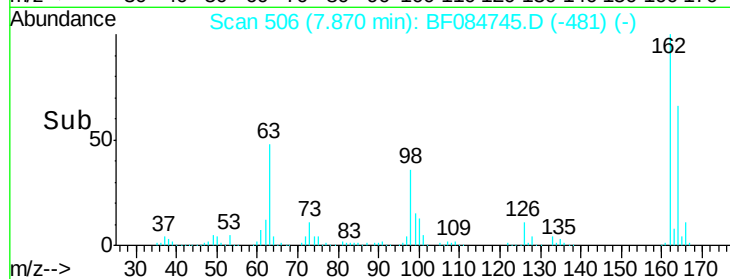
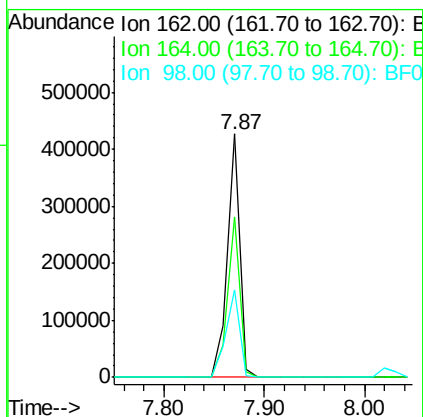
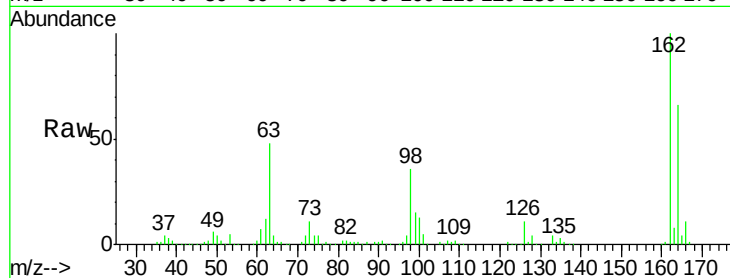




#29
 2,4-Dichlorophenol
 Concen: 42.21 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

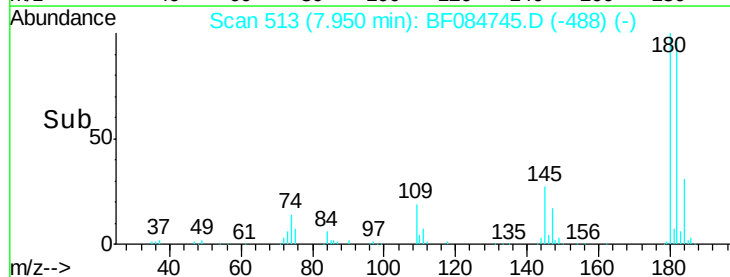
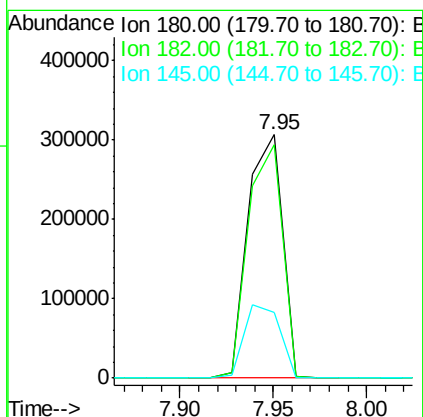
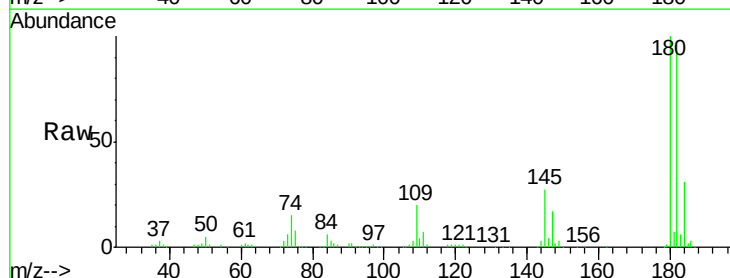
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

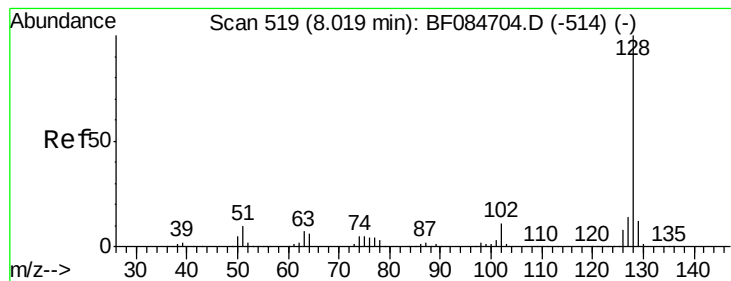
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.1	84.1
98	35.9	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 39.98 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	27.0	31.6	47.4





#31

Naphthalene

Concen: 37.68 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

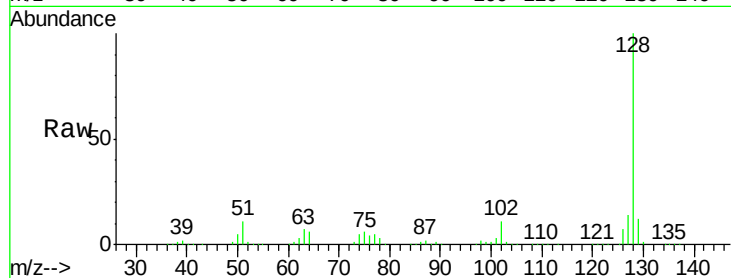
Tgt Ion:128 Resp: 1180473

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

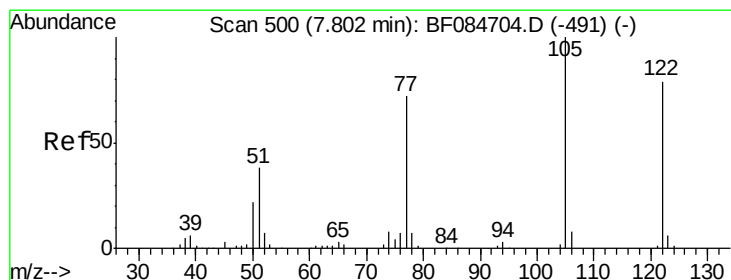
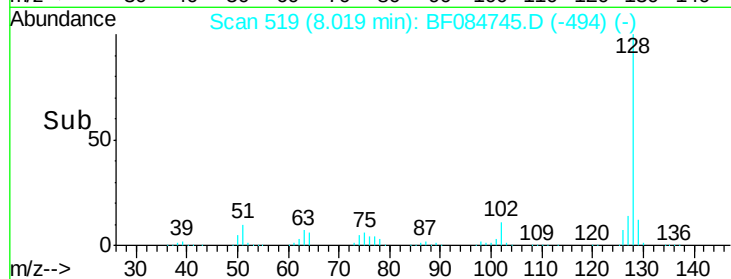
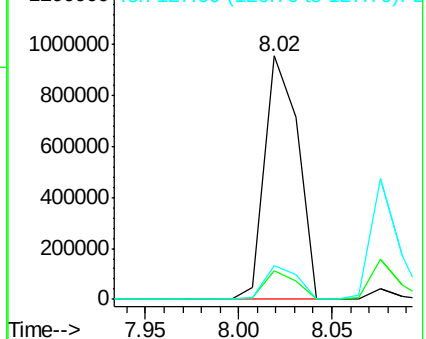
127 13.8 11.1 16.7



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: 26.89 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

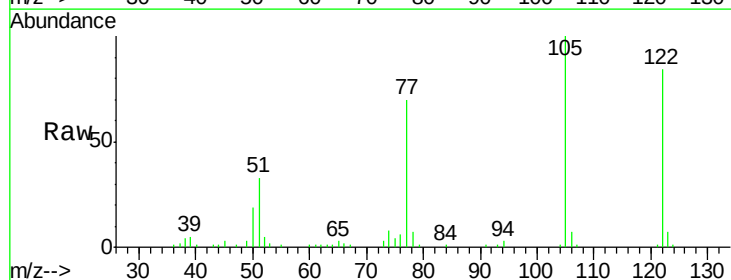
Tgt Ion:122 Resp: 175181

Ion Ratio Lower Upper

122 100

105 118.4 100.3 140.3

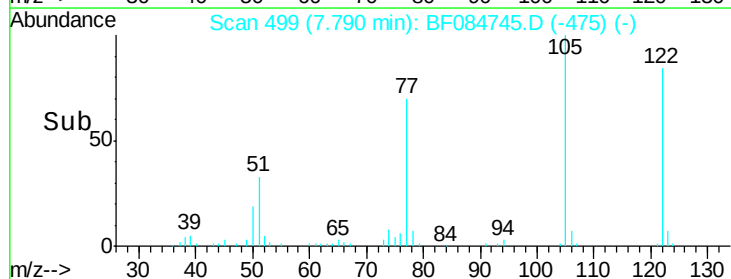
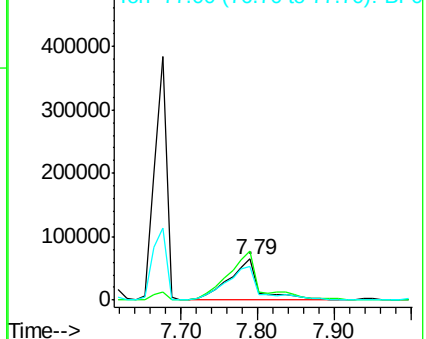
77 82.5 63.5 103.5

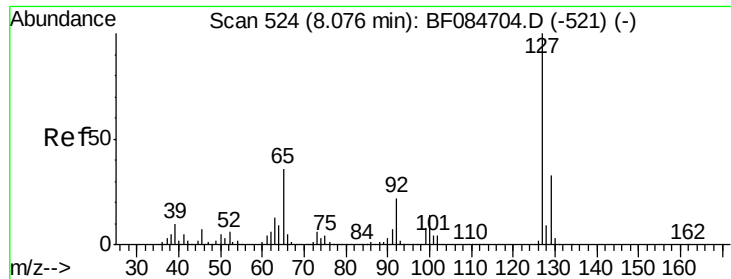


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

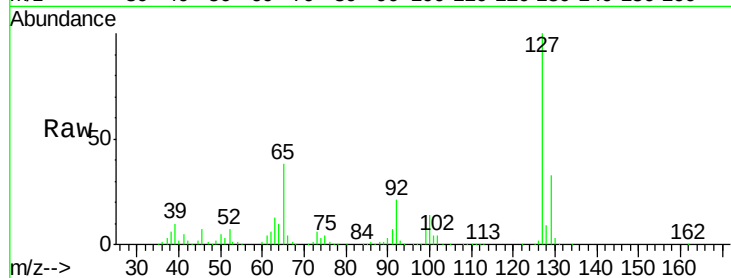




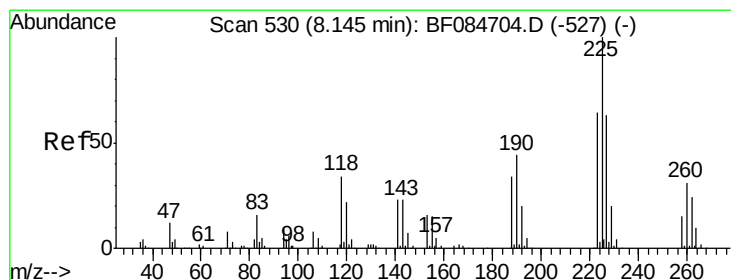
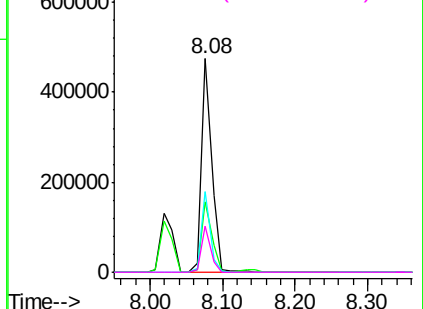
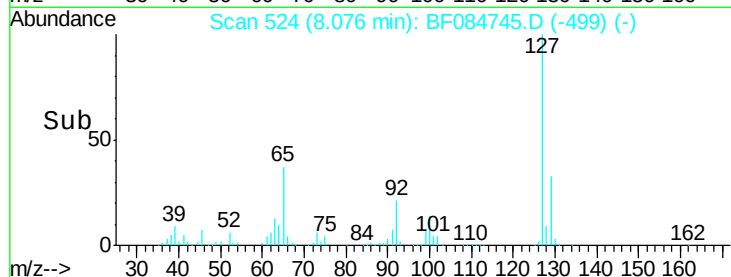
#33
4-Chloroaniline
Concen: 36.12 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	467951
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	37.8	27.2	40.8
92	21.3	17.7	26.5

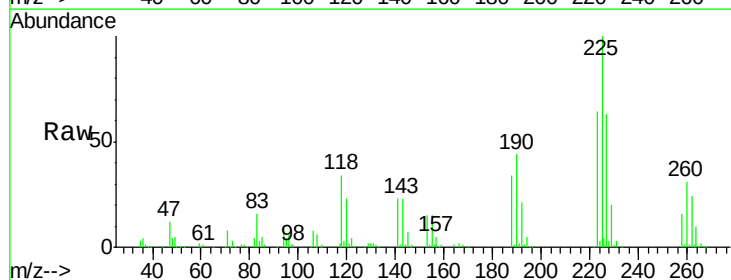


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

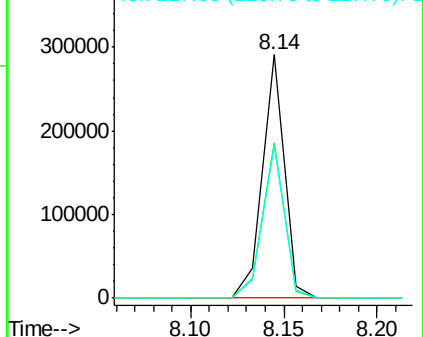
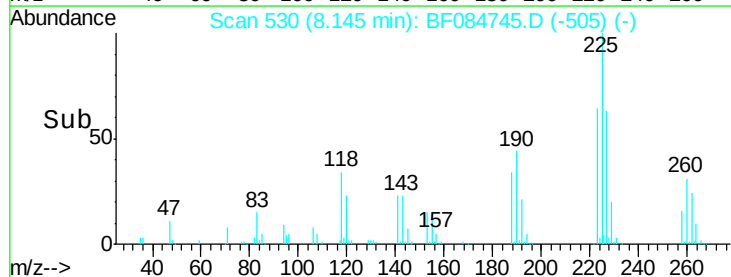


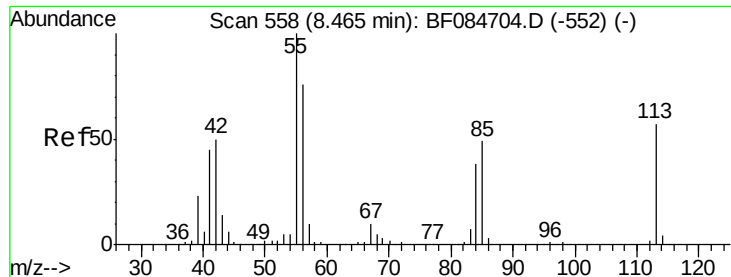
#34
Hexachlorobutadiene
Concen: 41.34 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion:	225	Resp:	234668
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.4	74.0
227	62.7	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

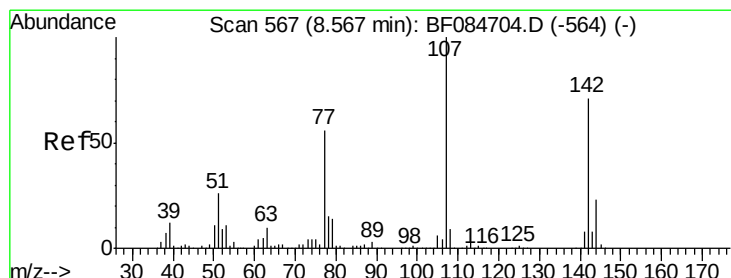
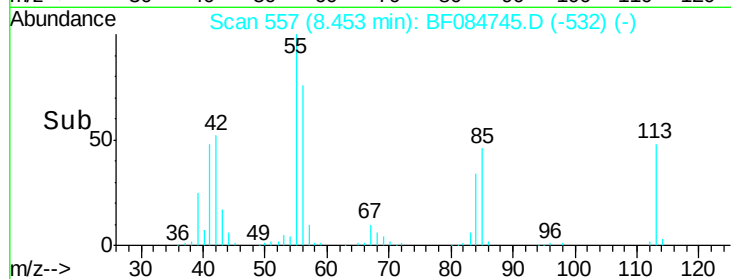
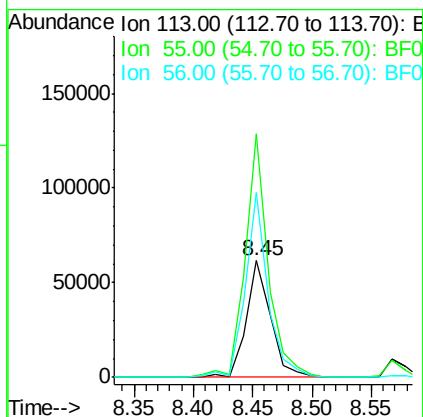
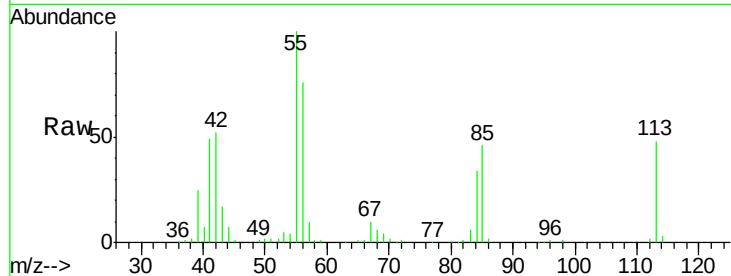




#35
 Caprolactam
 Concen: 32.68 ng
 RT: 8.45 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

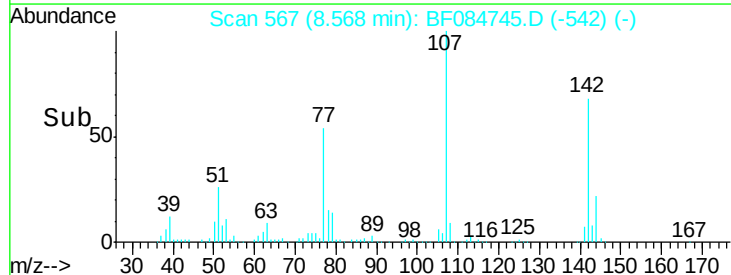
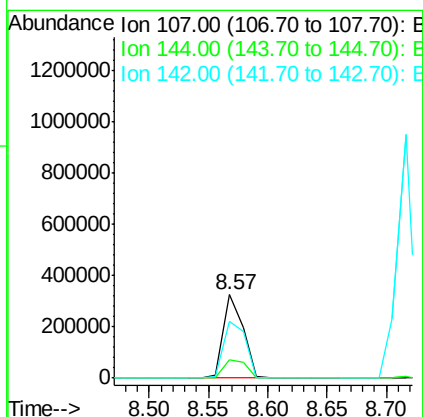
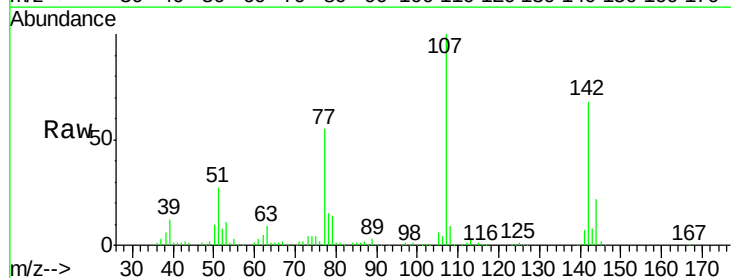
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

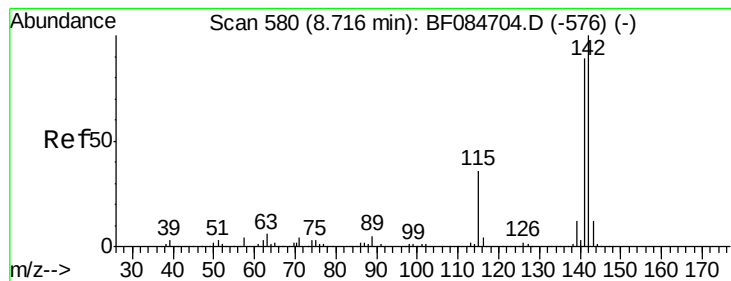
Tgt Ion:113 Resp: 87771
 Ion Ratio Lower Upper
 113 100
 55 208.4 116.9 156.9#
 56 157.8 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 37.17 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion:107 Resp: 369548
 Ion Ratio Lower Upper
 107 100
 144 21.8 19.7 29.5
 142 67.7 61.8 92.6





#37

2-Methylnaphthalene

Concen: 42.10 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

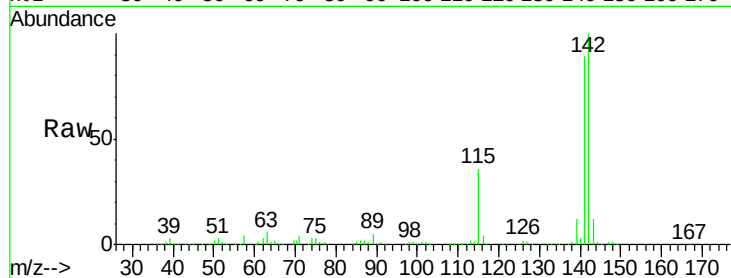
Tgt Ion:142 Resp: 825502

Ion Ratio Lower Upper

142 100

141 89.3 72.4 108.6

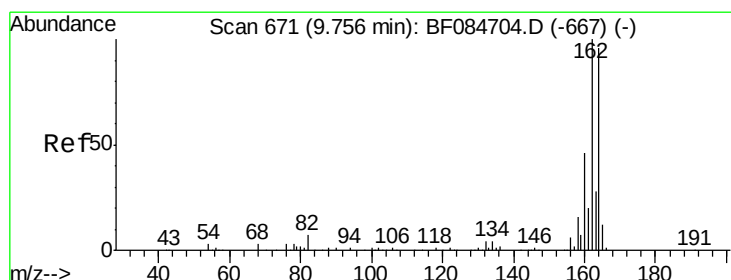
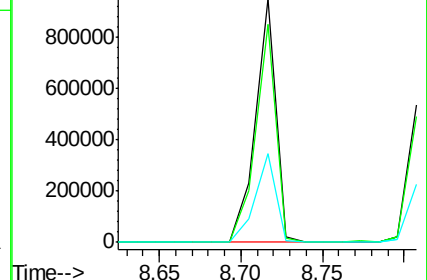
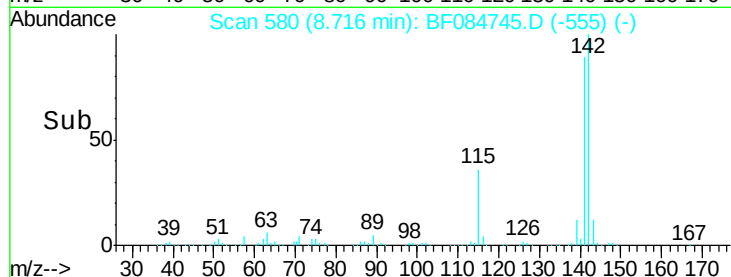
115 36.3 27.9 41.9



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: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

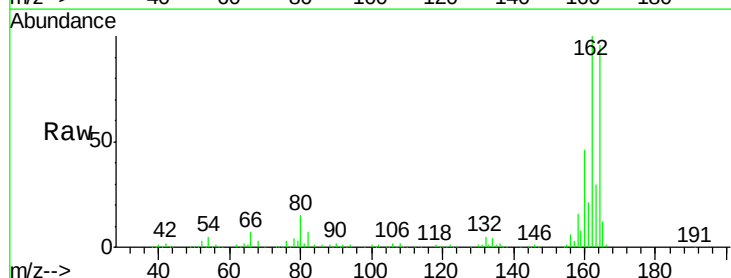
Tgt Ion:164 Resp: 296680

Ion Ratio Lower Upper

164 100

162 104.2 85.1 127.7

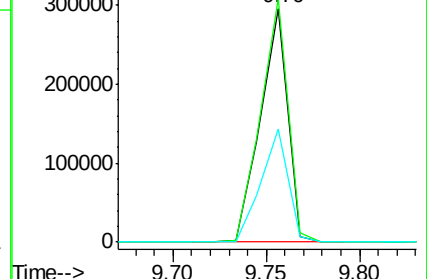
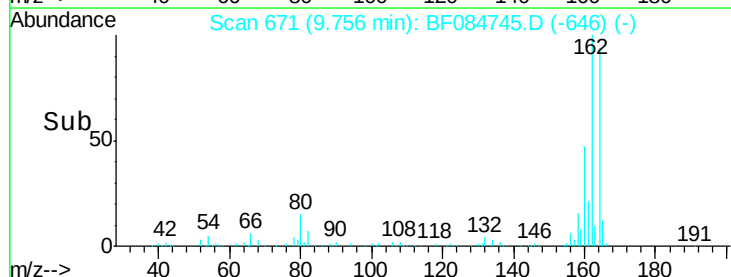
160 48.4 37.5 56.3

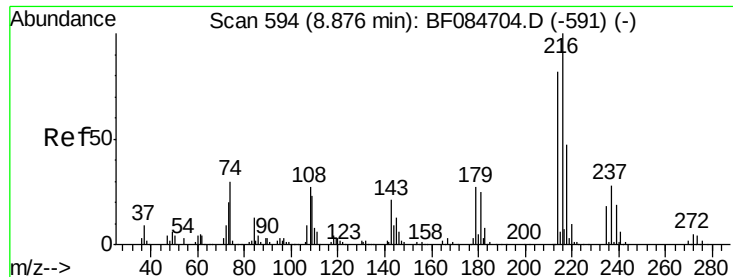


Abundance Ion 164.00 (163.70 to 164.70): E

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: 37.55 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 353859

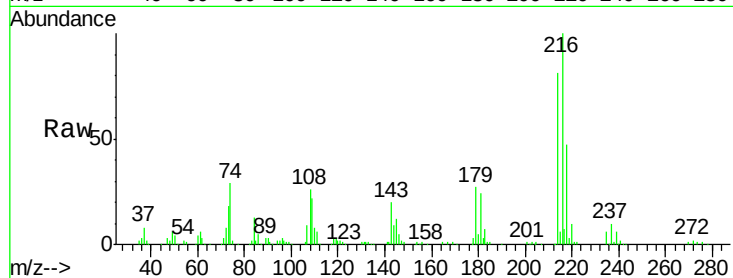
Ion Ratio Lower Upper

216 100

214 78.7 64.2 96.2

179 22.8 18.7 28.1

108 19.2 16.8 25.2

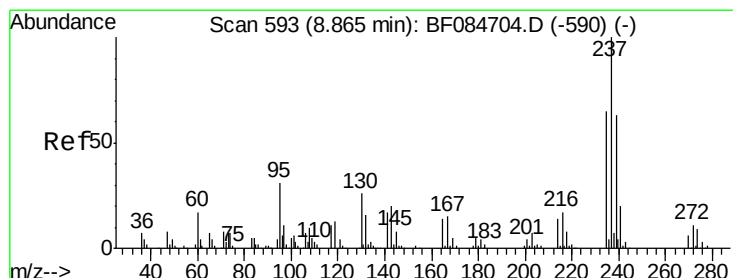
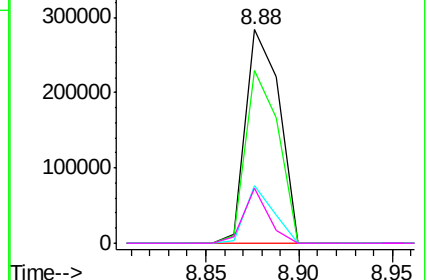
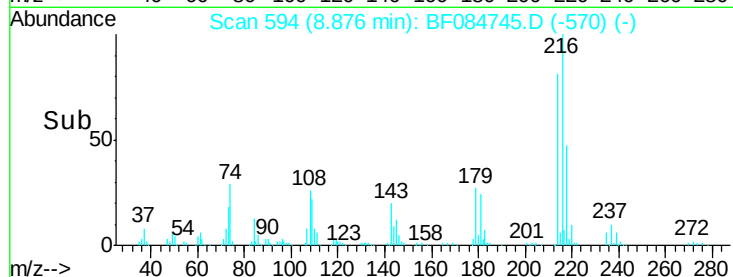


Abundance Ion 216.00 (215.70 to 216.70): E

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: 24.68 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

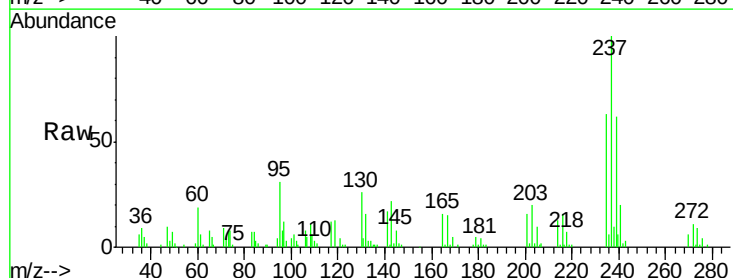
Tgt Ion:237 Resp: 71422

Ion Ratio Lower Upper

237 100

235 62.6 43.1 83.1

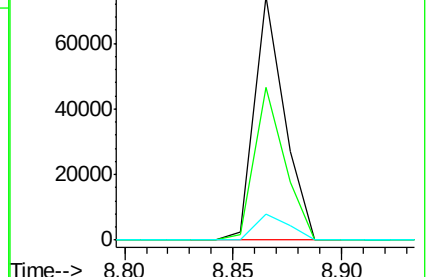
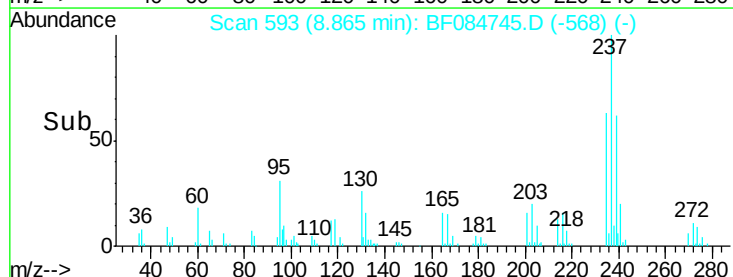
272 10.8 0.0 35.1

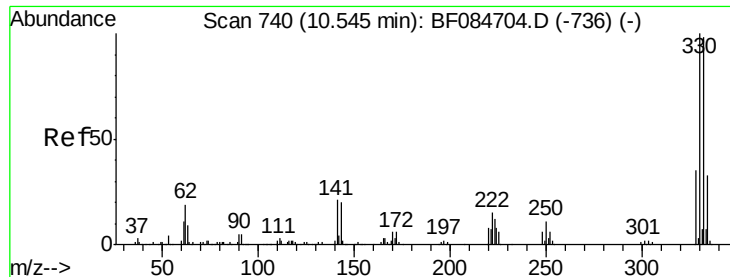


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

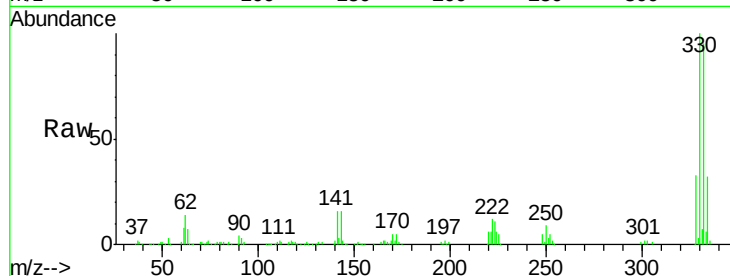




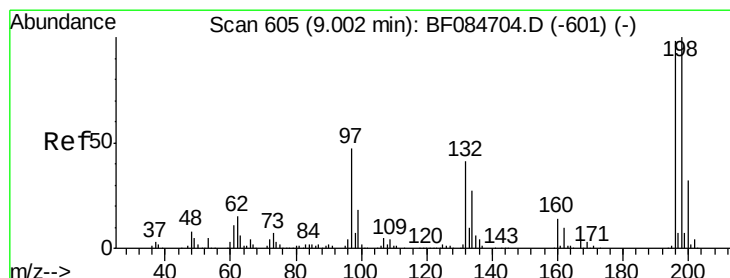
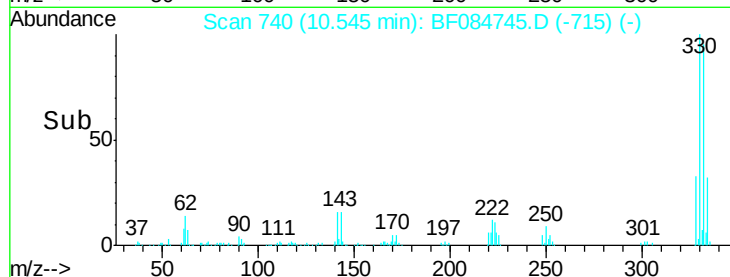
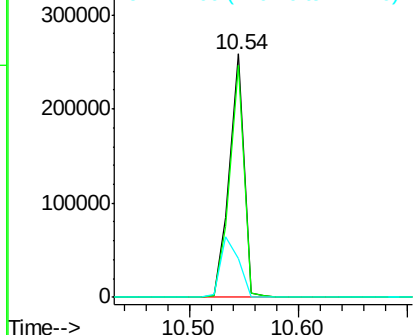
#41
 2,4,6-Tribromophenol
 Concen: 78.12 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 241752
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 114.8
 141 31.5 27.8 41.6

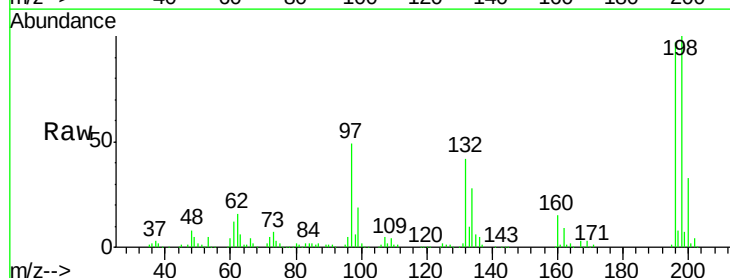


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

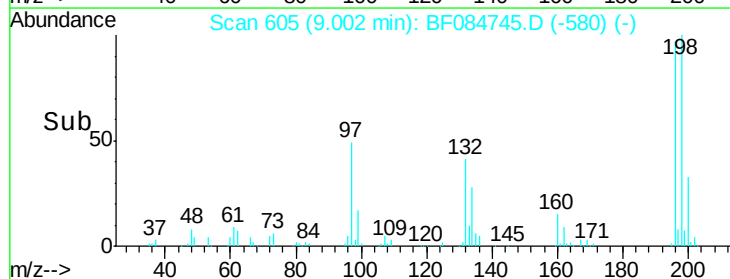
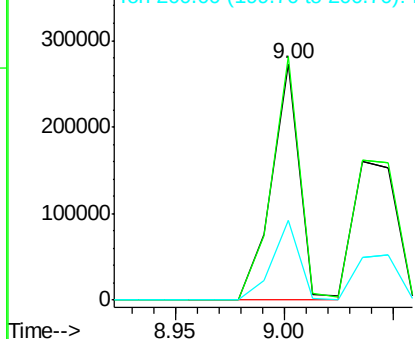


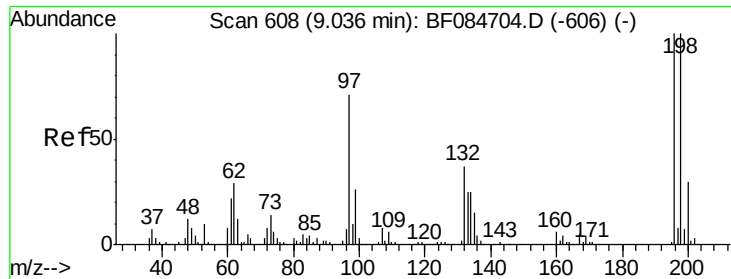
#42
 2,4,6-Trichlorophenol
 Concen: 40.61 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion:196 Resp: 246484
 Ion Ratio Lower Upper
 196 100
 198 103.1 77.7 116.5
 200 33.8 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

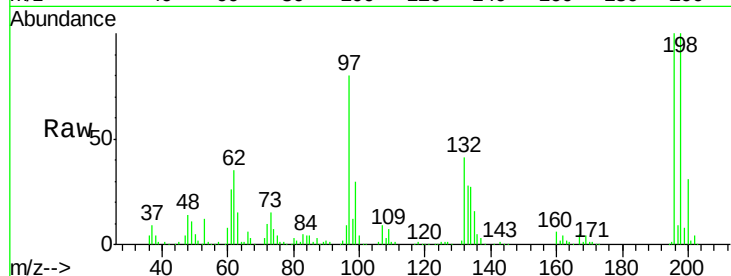




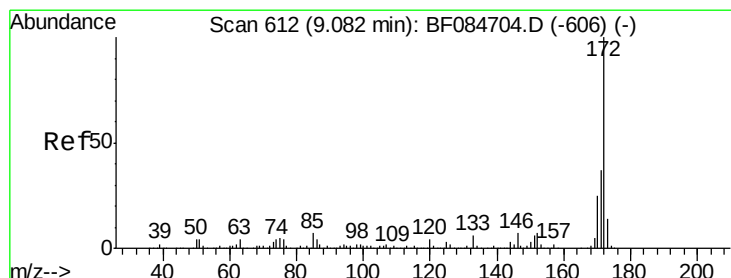
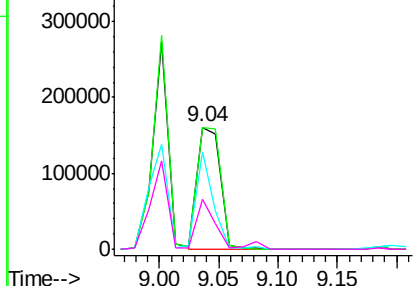
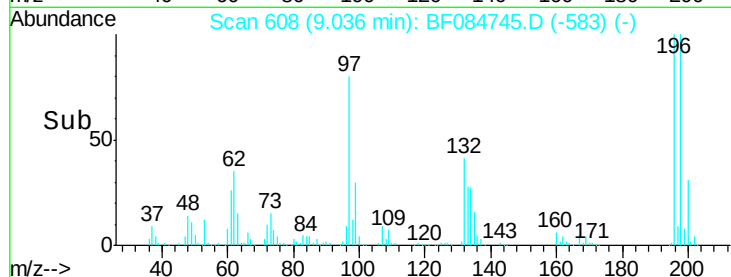
#43
 2,4,5-Trichlorophenol
 Concen: 36.04 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 222293
 Ion Ratio Lower Upper
 196 100
 198 100.2 79.0 118.6
 97 80.0 33.0 49.6#
 132 41.0 21.1 31.7#

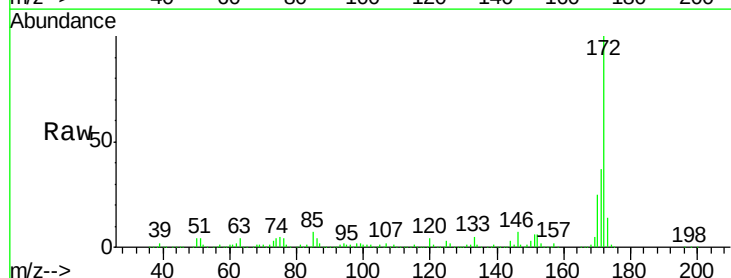


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

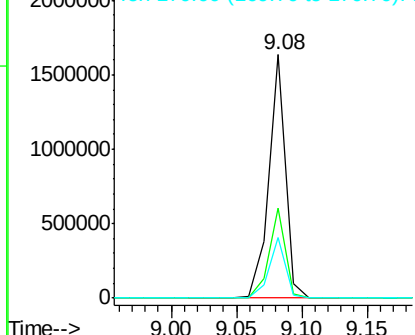
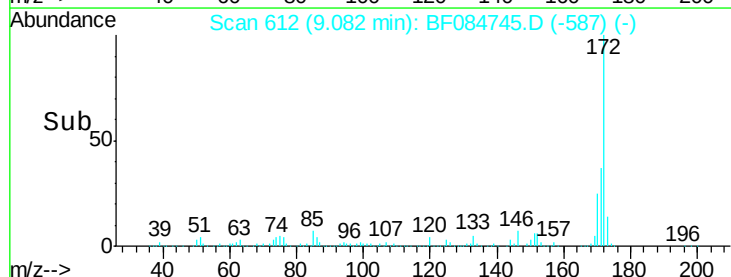


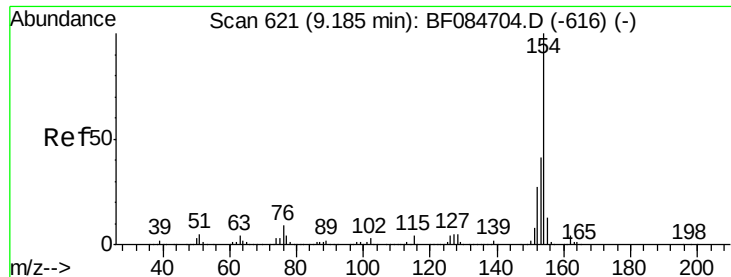
#44
 2-Fluorobiphenyl
 Concen: 81.49 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion:172 Resp: 1455861
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 25.1 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

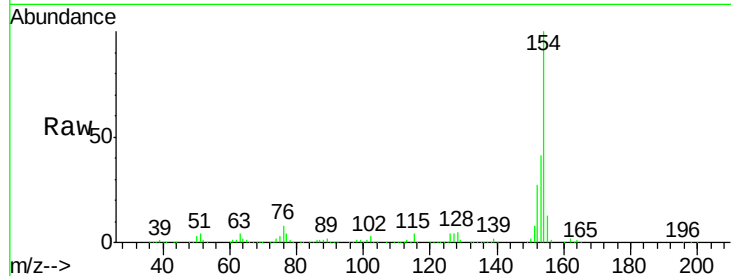




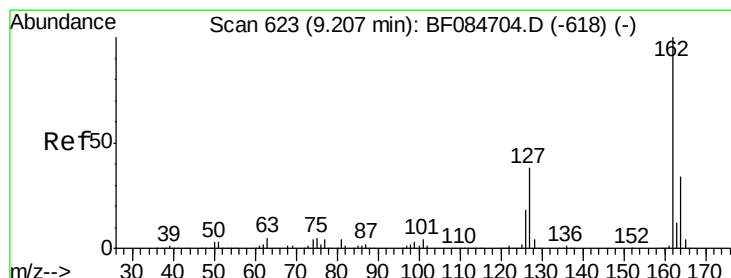
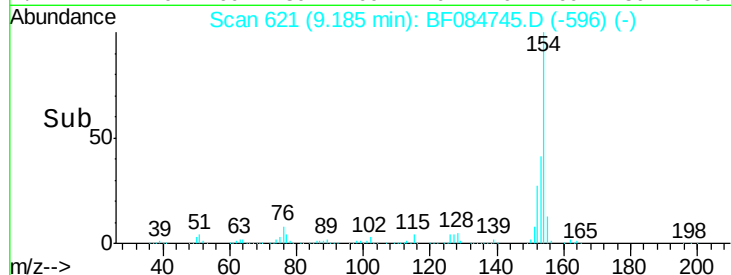
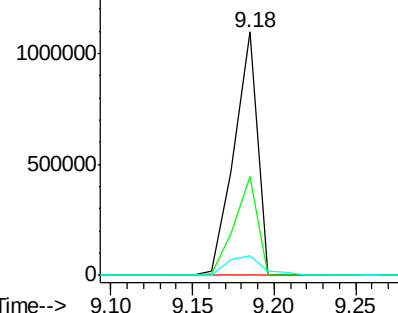
#45
 1,1'-Biphenyl
 Concen: 41.11 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1089435
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.6 61.6
 76 8.1 0.0 32.7

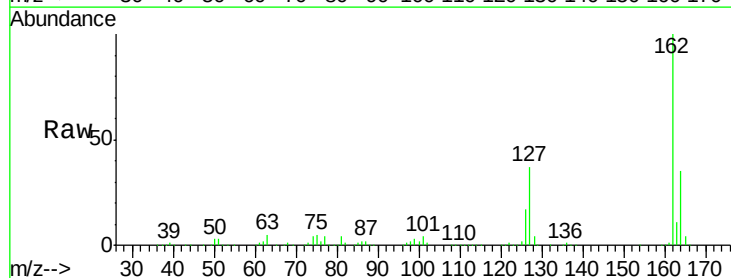


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

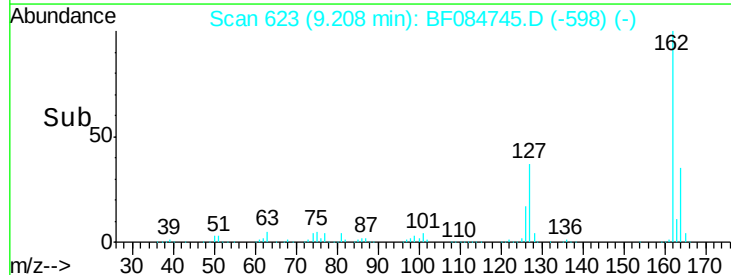
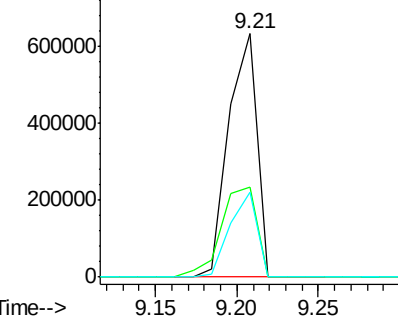


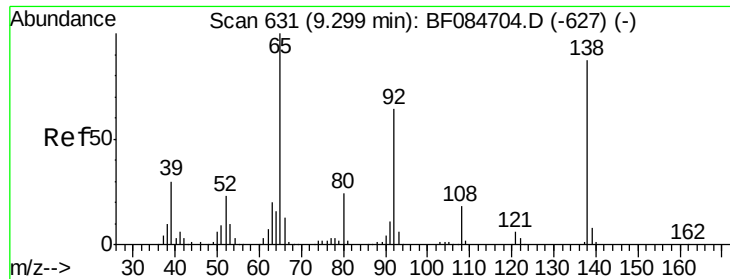
#46
 2-Chloronaphthalene
 Concen: 38.98 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion:162 Resp: 760592
 Ion Ratio Lower Upper
 162 100
 127 37.2 40.2 60.4#
 164 34.8 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

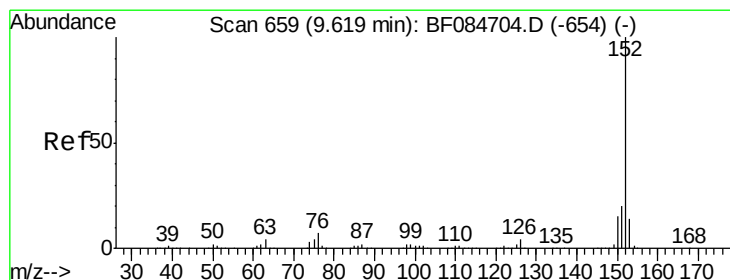
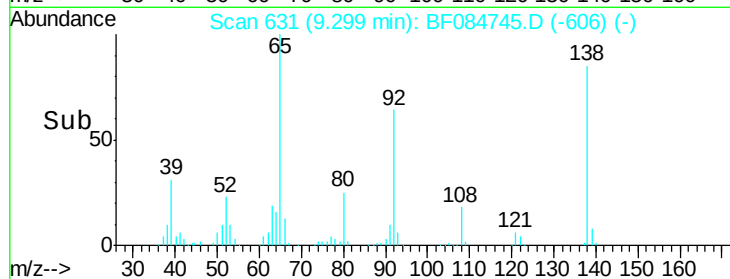
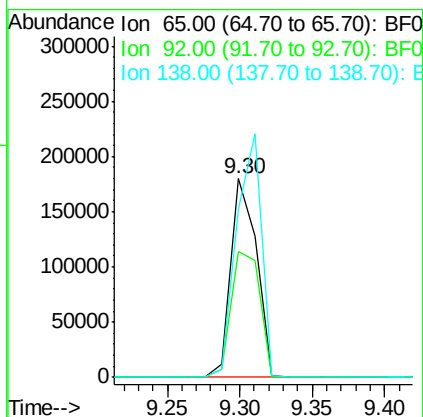
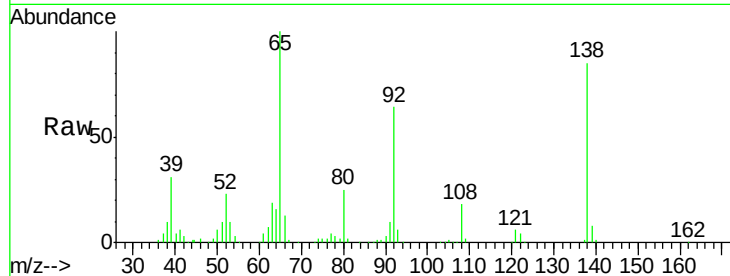




#47
2-Nitroaniline
Concen: 35.66 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

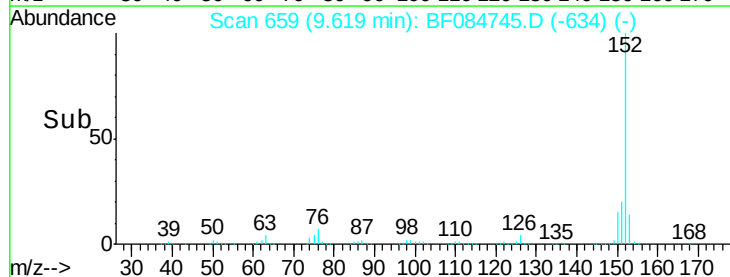
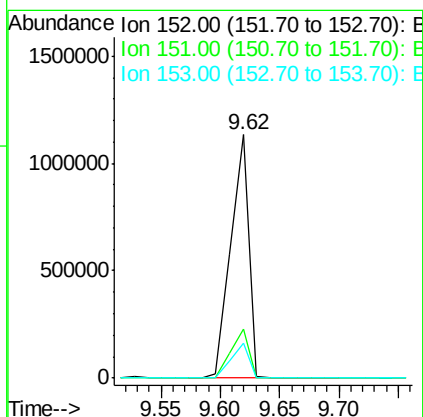
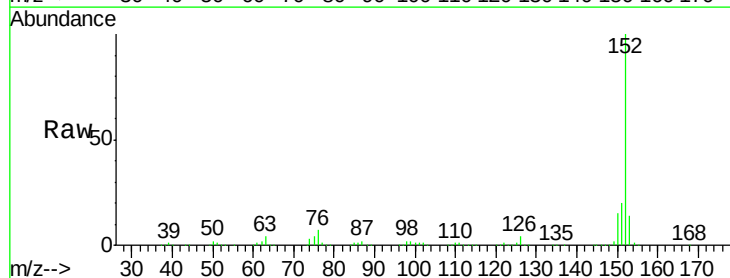
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

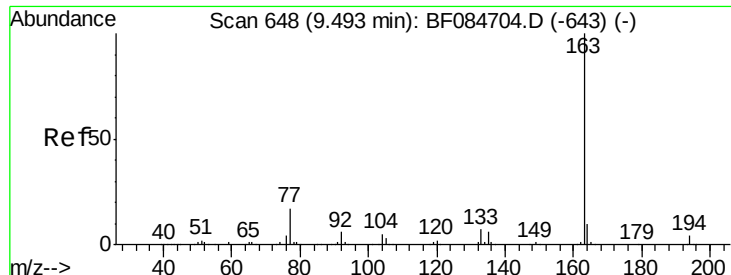
Tgt Ion: 65 Resp: 220358
Ion Ratio Lower Upper
65 100
92 63.5 53.4 80.2
138 84.6 71.1 106.7



#48
Acenaphthylene
Concen: 40.23 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion: 152 Resp: 1191343
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.2 10.4 15.6

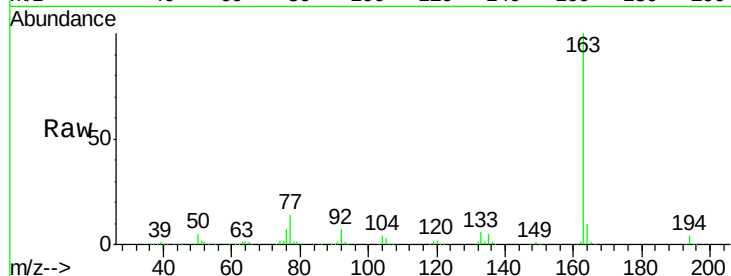




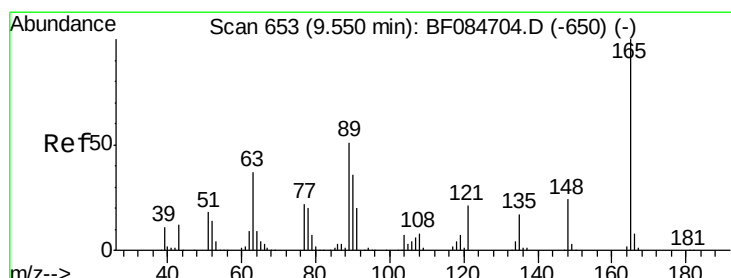
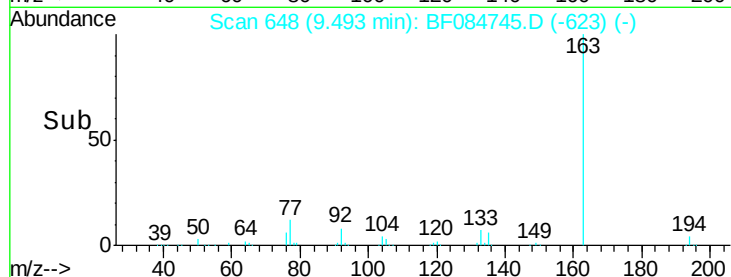
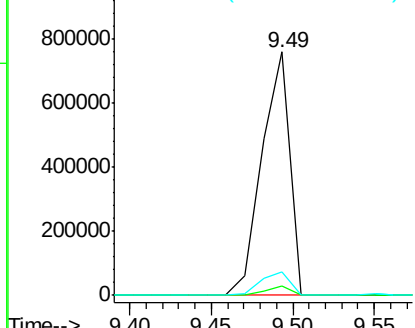
#49
Dimethylphthalate
Concen: 39.96 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 902921
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 9.8 8.0 12.0

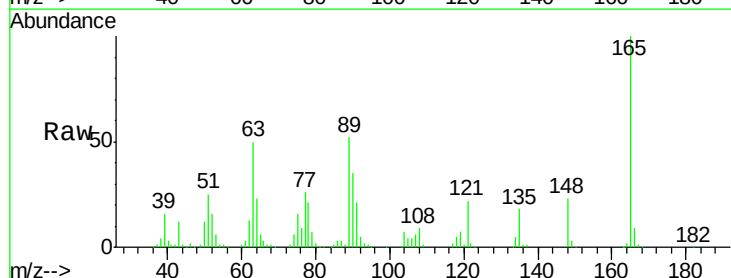


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

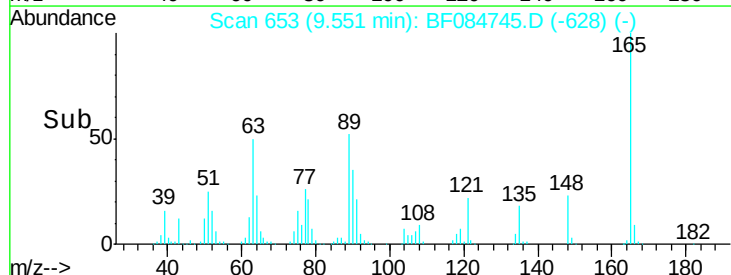
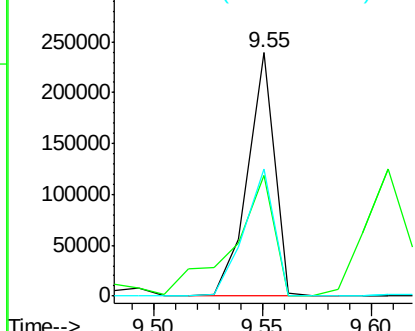


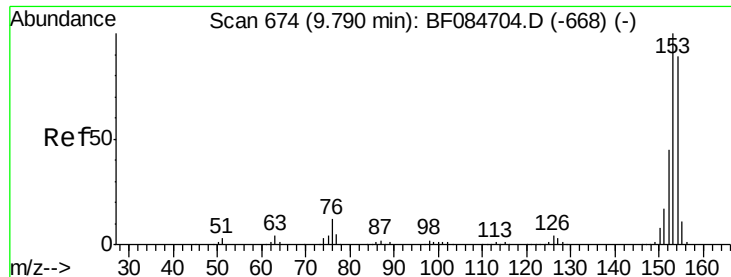
#50
2,6-Dinitrotoluene
Concen: 41.61 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion:165 Resp: 205410
Ion Ratio Lower Upper
165 100
63 49.6 28.8 43.2#
89 52.1 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: 39.53 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

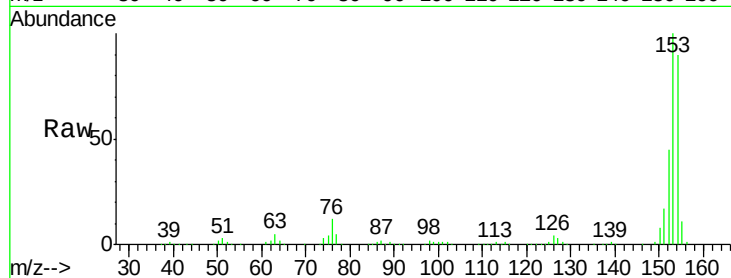
Tgt Ion:154 Resp: 761527

Ion Ratio Lower Upper

154 100

153 111.6 91.5 137.3

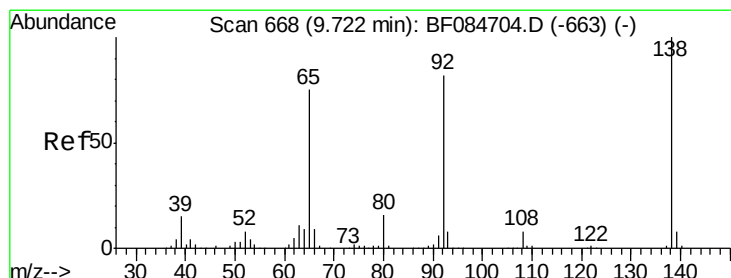
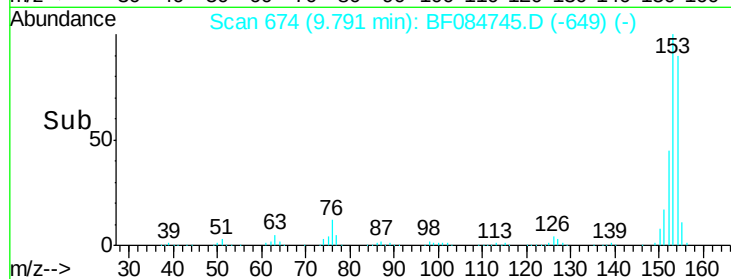
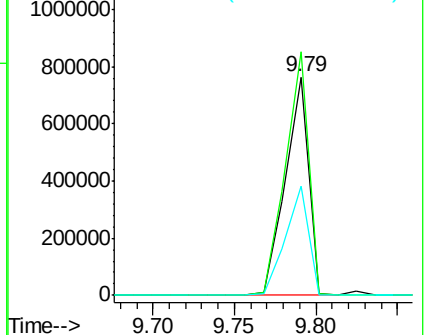
152 50.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.57 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

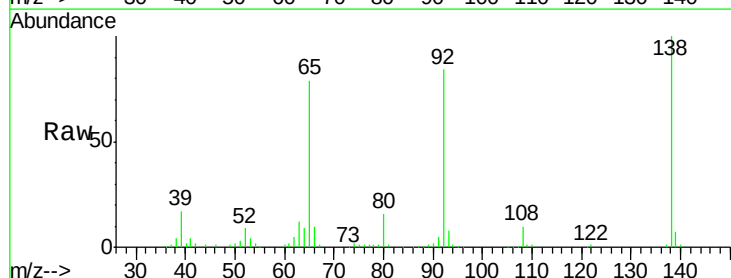
Tgt Ion:138 Resp: 213944

Ion Ratio Lower Upper

138 100

108 9.6 10.5 15.7#

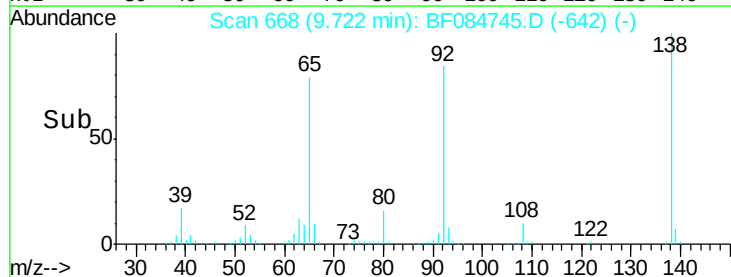
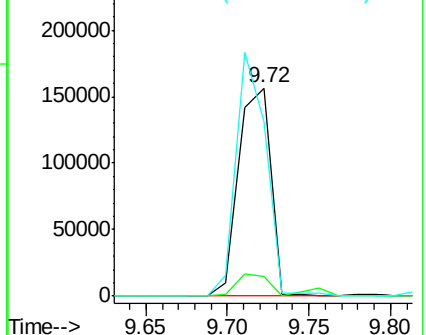
92 83.9 103.9 155.9#

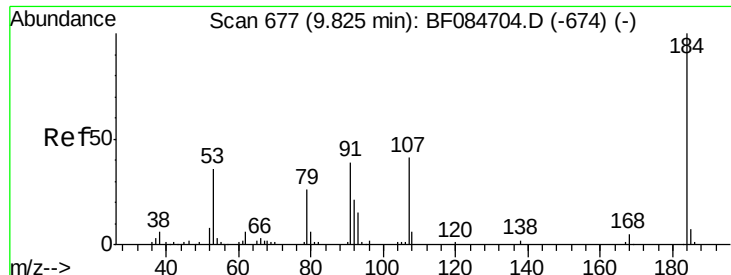


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

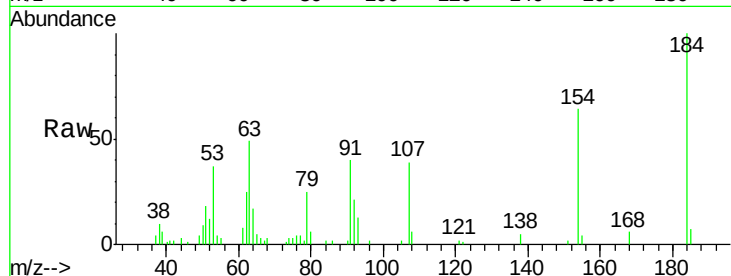




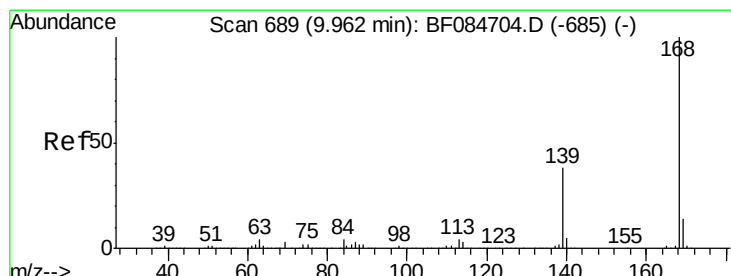
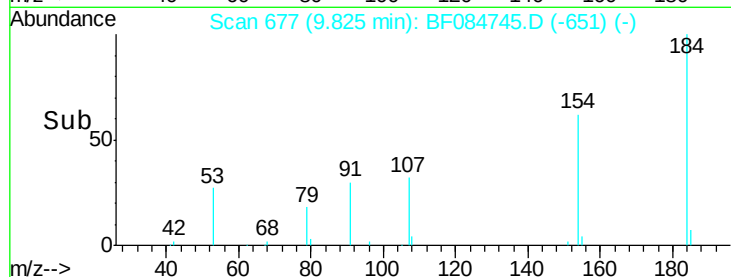
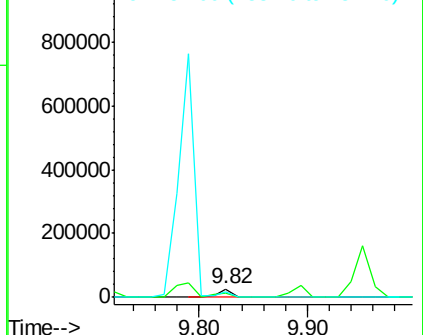
#53
 2,4-Dinitrophenol
 Concen: 16.77 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:184 Resp: 26947
 Ion Ratio Lower Upper
 184 100
 63 49.0 43.1 64.7
 154 63.7 60.5 90.7

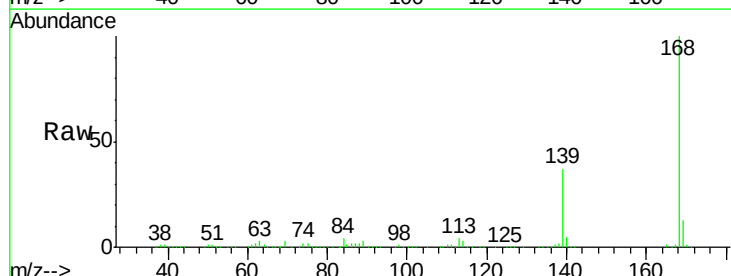


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

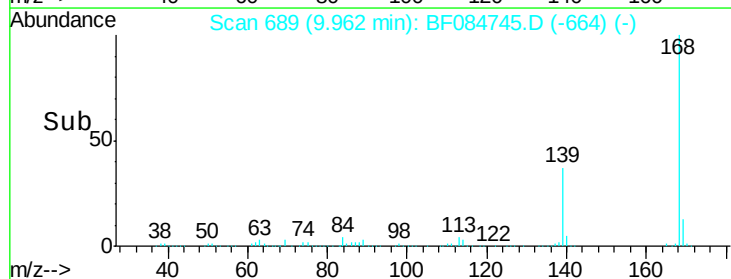
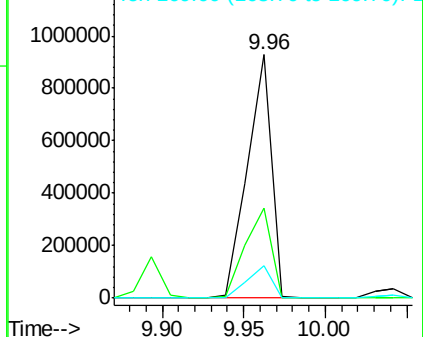


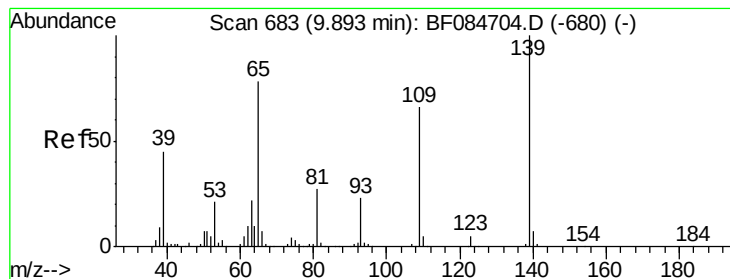
#54
 Dibenzofuran
 Concen: 40.27 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion:168 Resp: 948162
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.5 45.7
 169 13.2 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: 33.96 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

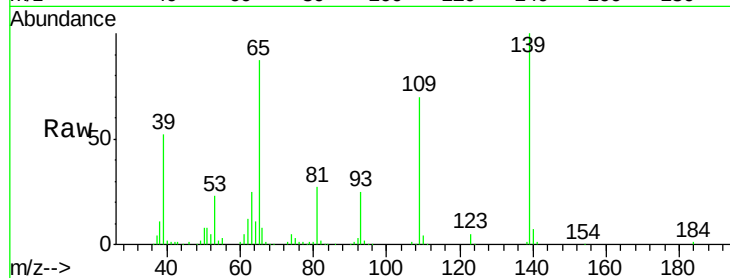
Tgt Ion:139 Resp: 138461

Ion Ratio Lower Upper

139 100

109 69.9 58.5 98.5

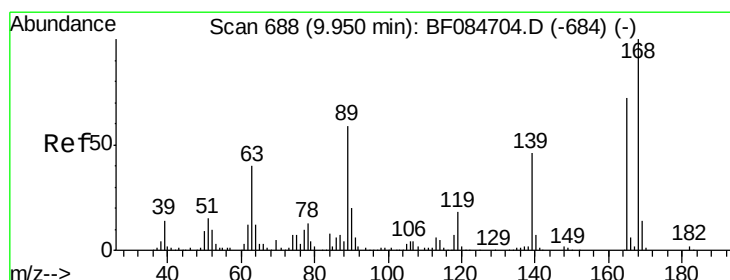
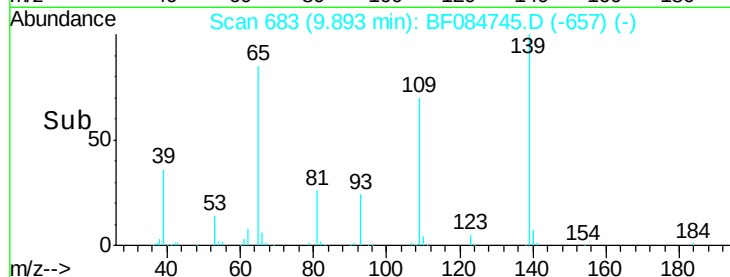
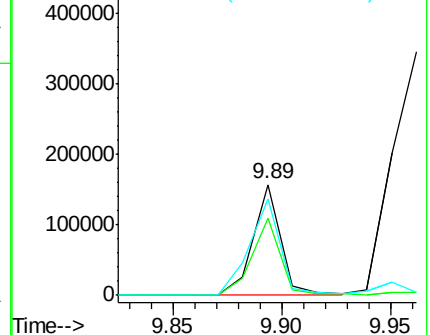
65 87.3 57.6 97.6



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: 41.73 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Tgt Ion:165 Resp: 262756

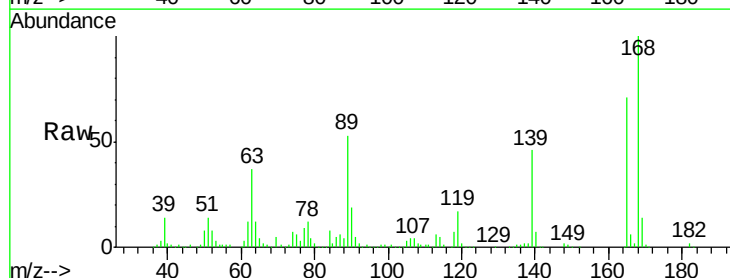
Ion Ratio Lower Upper

165 100

63 52.7 36.7 55.1

89 74.8 61.9 92.9

182 2.2 2.0 3.0

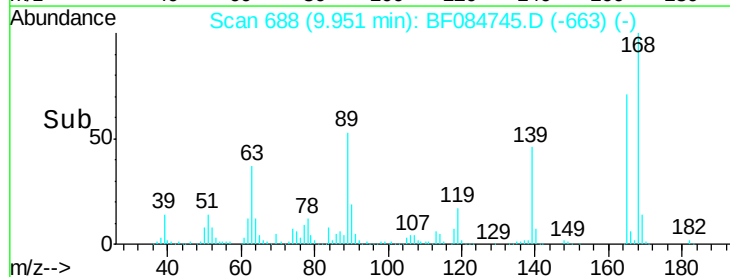
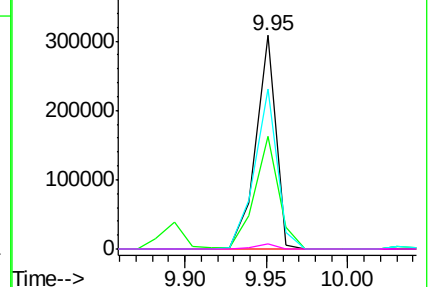


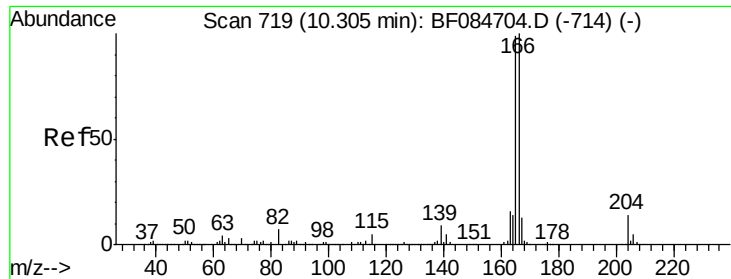
Abundance Ion 165.00 (164.70 to 165.70): E

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

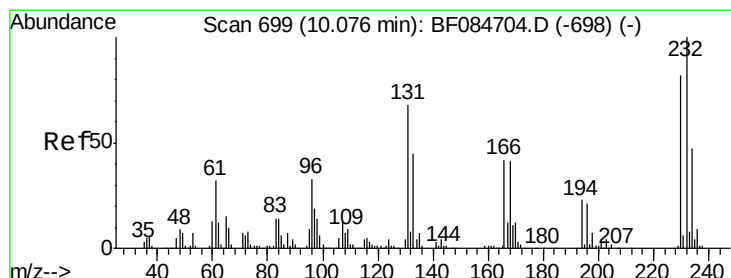
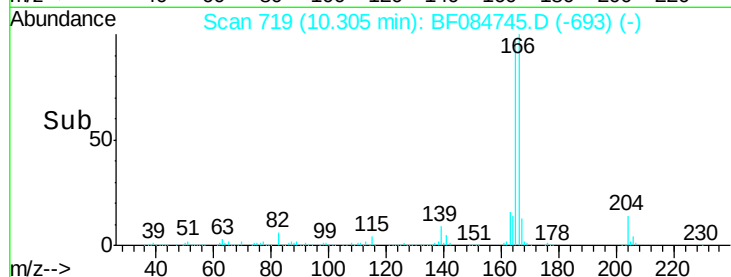
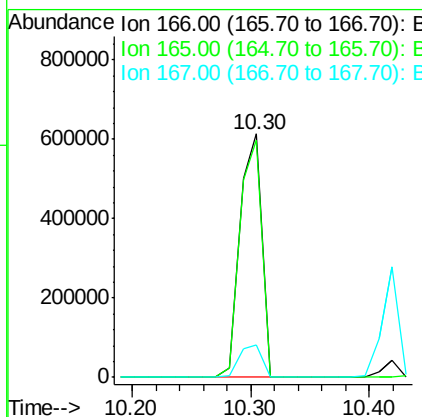
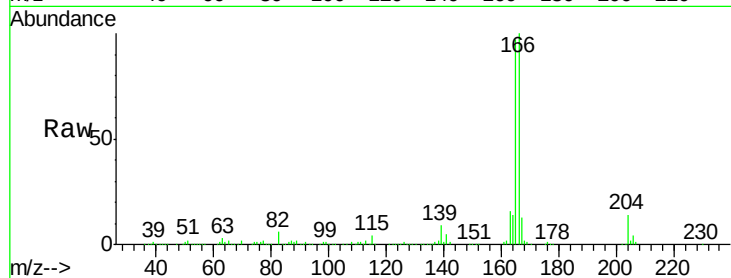




#57
 Fluorene
 Concen: 39.84 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

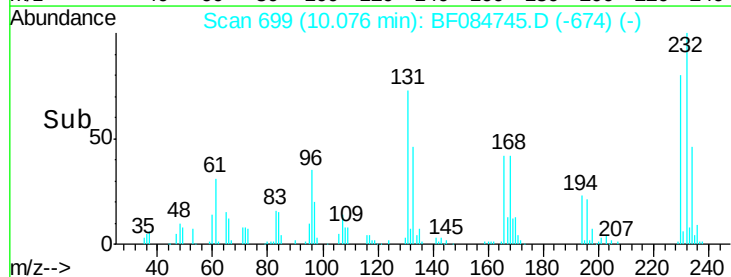
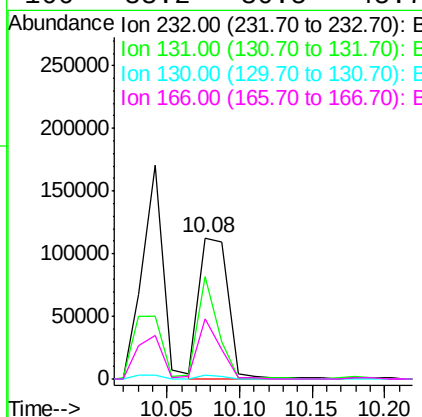
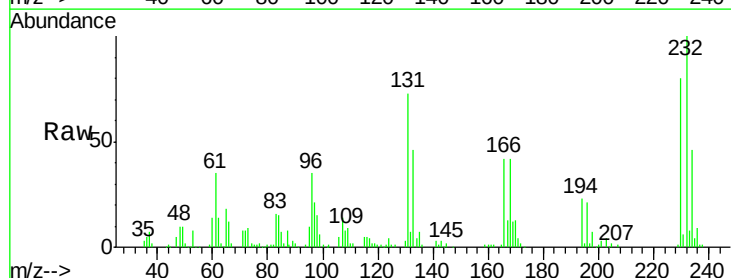
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

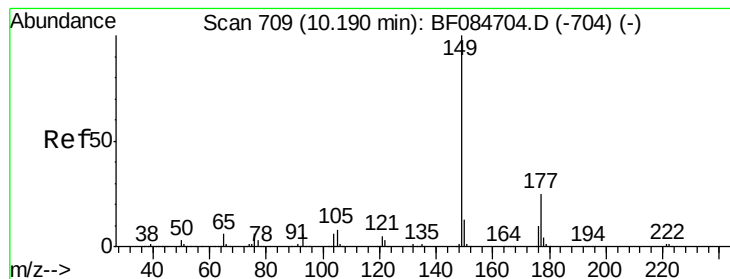
Tgt Ion:166 Resp: 783371
 Ion Ratio Lower Upper
 166 100
 165 97.5 79.1 118.7
 167 13.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.47 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion:232 Resp: 157168
 Ion Ratio Lower Upper
 232 100
 131 51.9 47.0 70.6
 130 2.3 2.0 3.0
 166 33.2 30.5 45.7





#59

Diethylphthalate

Concen: 38.32 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

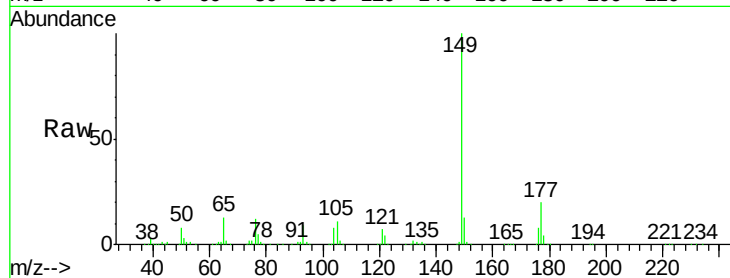
Tgt Ion:149 Resp: 845417

Ion Ratio Lower Upper

149 100

177 20.0 17.3 25.9

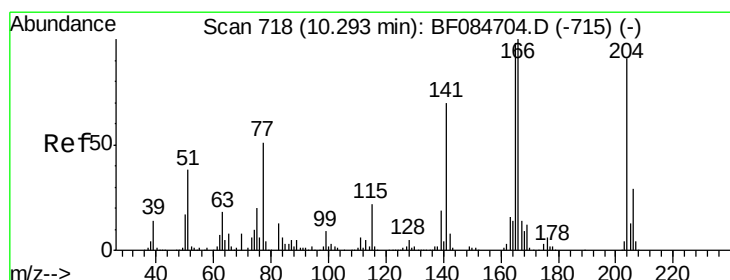
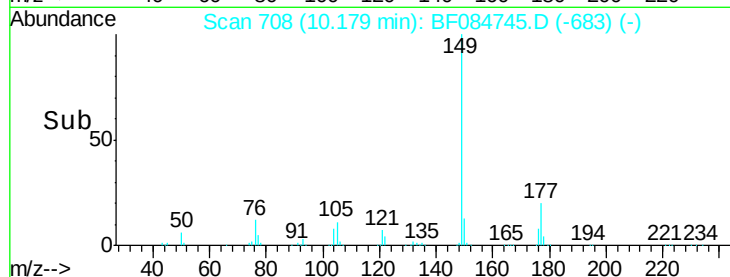
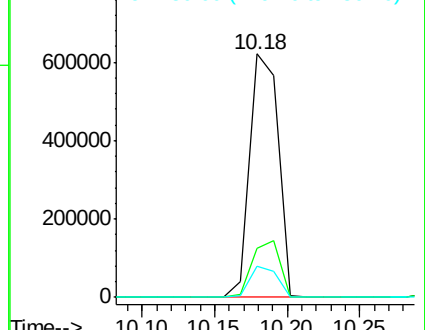
150 13.0 9.8 14.8



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: 41.36 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

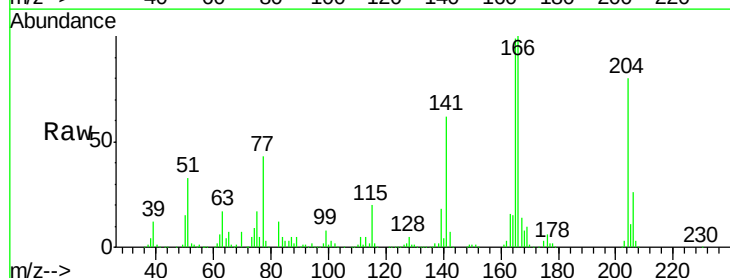
Tgt Ion:204 Resp: 346580

Ion Ratio Lower Upper

204 100

206 32.5 25.7 38.5

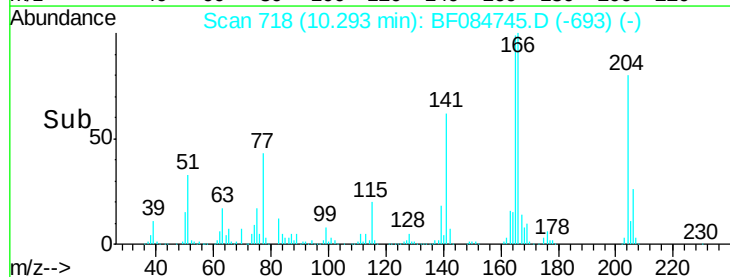
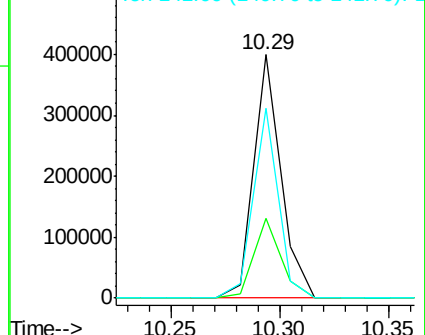
141 78.0 55.1 82.7

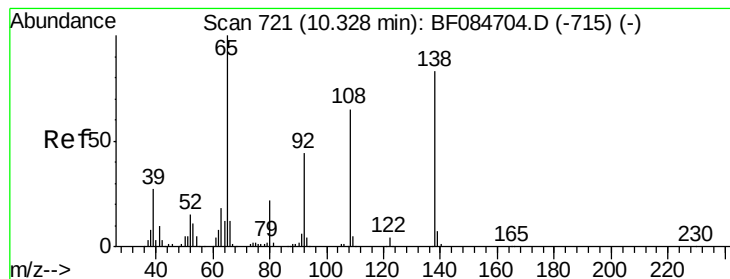


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

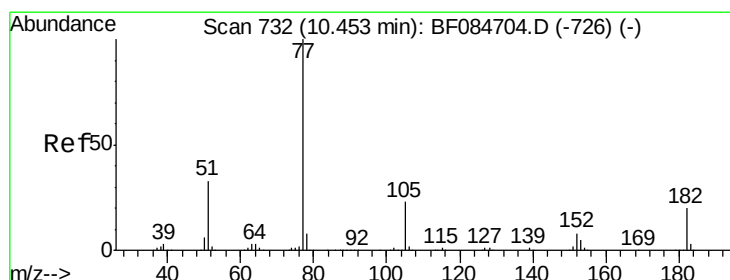
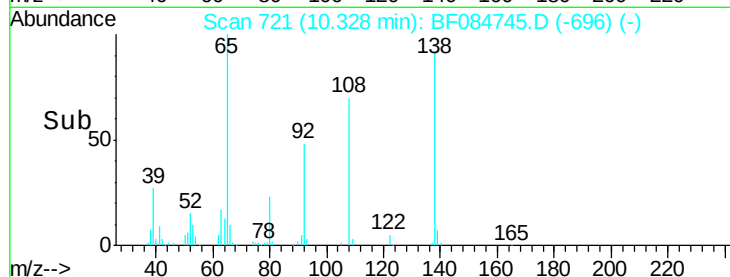
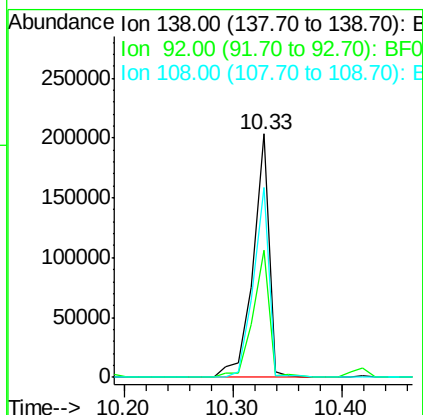
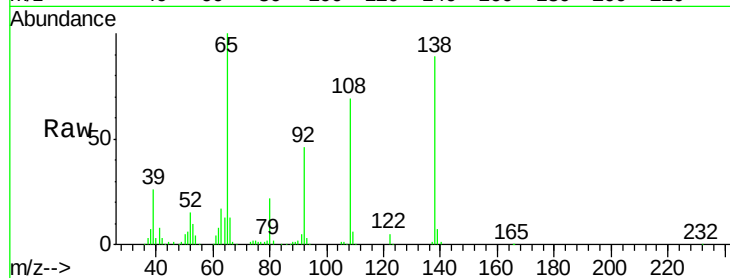




#61
4-Nitroaniline
Concen: 39.03 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

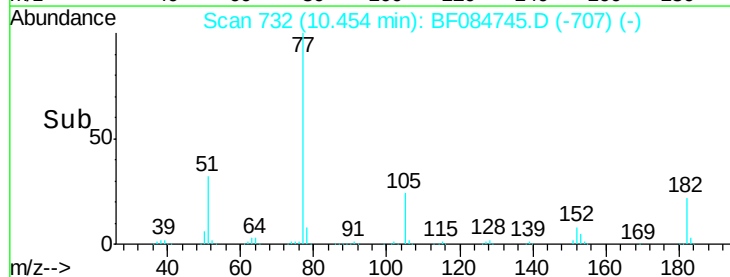
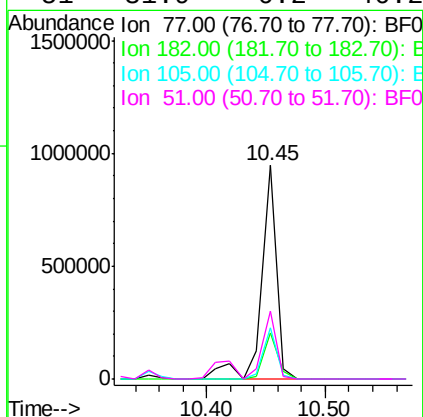
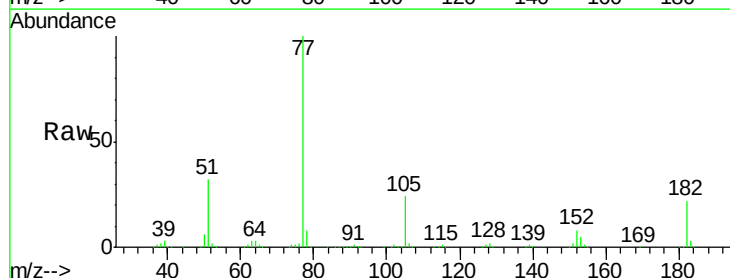
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

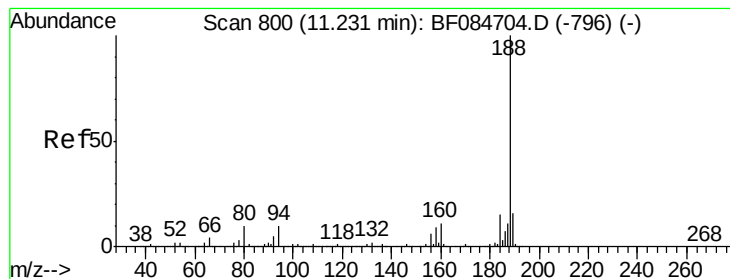
Tgt Ion: 138 Resp: 210977
Ion Ratio Lower Upper
138 100
92 52.0 32.6 72.6
108 77.8 68.6 108.6



#62
Azobenzene
Concen: 40.04 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion: 77 Resp: 849605
Ion Ratio Lower Upper
77 100
182 21.6 8.3 48.3
105 24.1 4.6 44.6
51 31.9 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

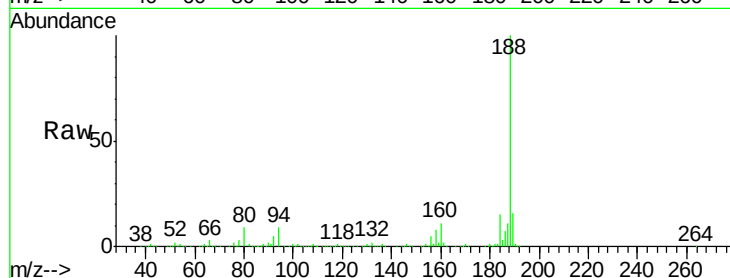
Tgt Ion:188 Resp: 499392

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.4

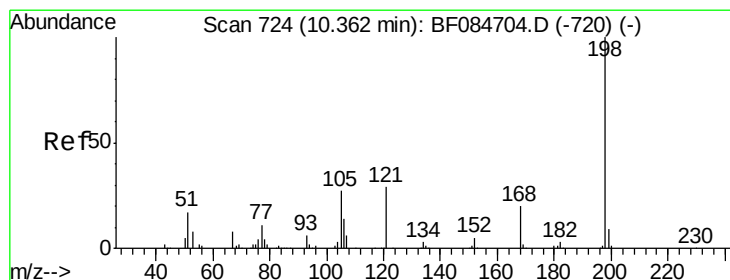
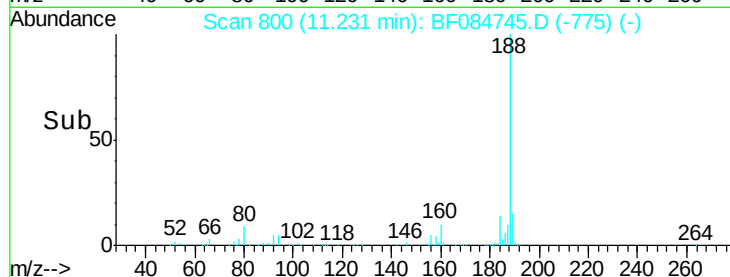
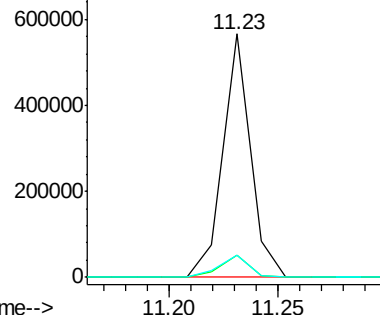
80 9.3 9.6 14.4#



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: 18.53 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

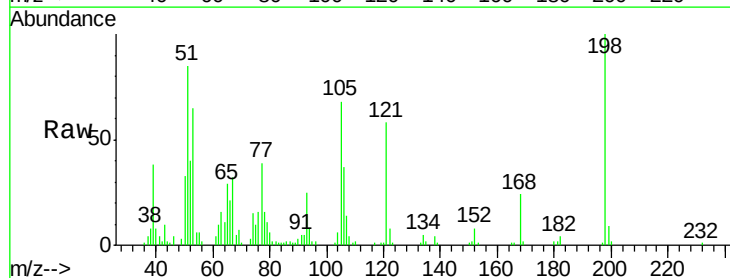
Tgt Ion:198 Resp: 57117

Ion Ratio Lower Upper

198 100

51 84.6 18.9 58.9#

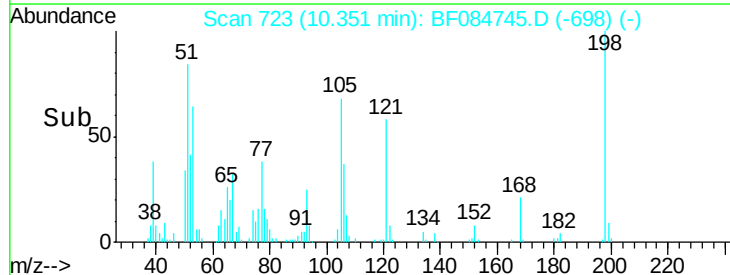
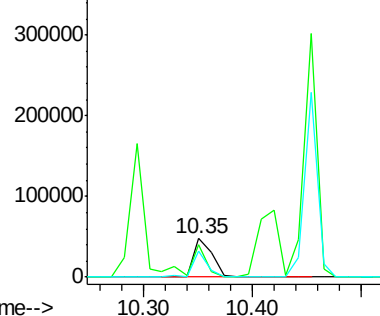
105 68.0 26.4 66.4#

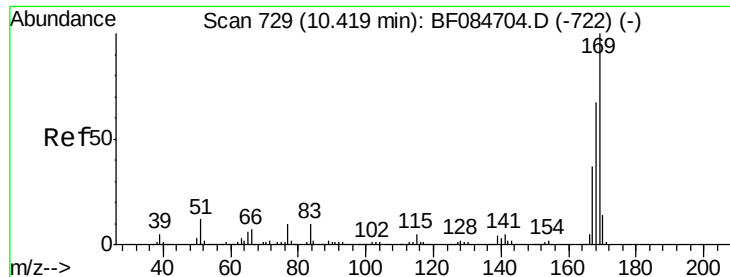


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.33 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

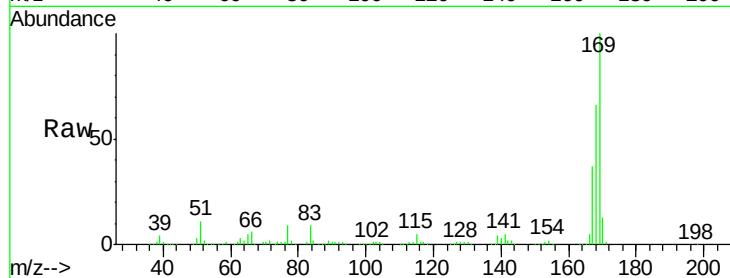
Tgt Ion:169 Resp: 718812

Ion Ratio Lower Upper

169 100

168 66.2 55.1 82.7

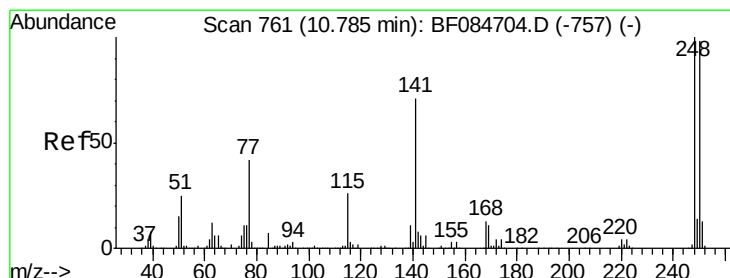
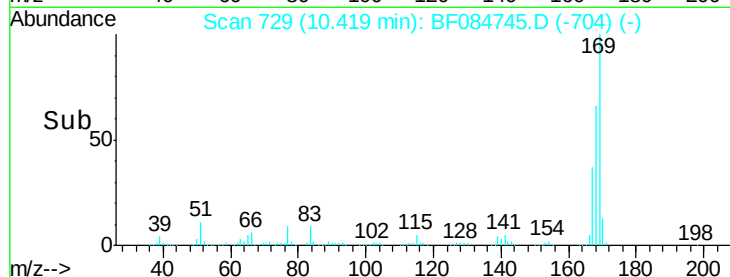
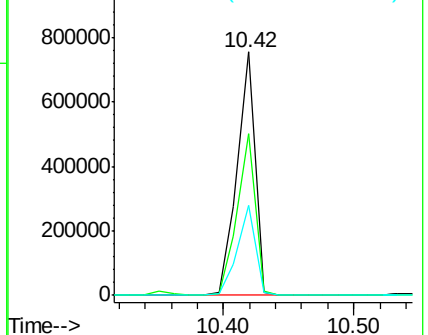
167 36.9 30.0 45.0



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: 44.10 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

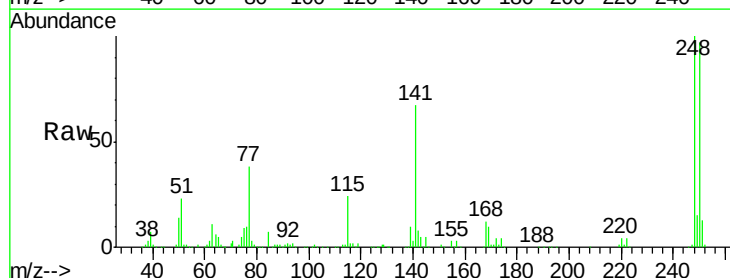
Tgt Ion:248 Resp: 243269

Ion Ratio Lower Upper

248 100

250 97.2 78.4 117.6

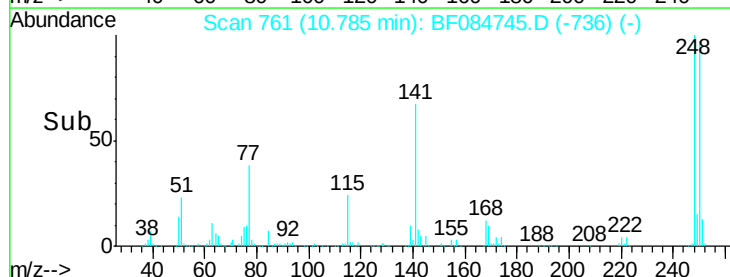
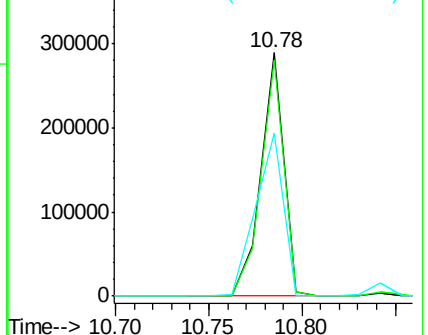
141 66.8 44.0 66.0#

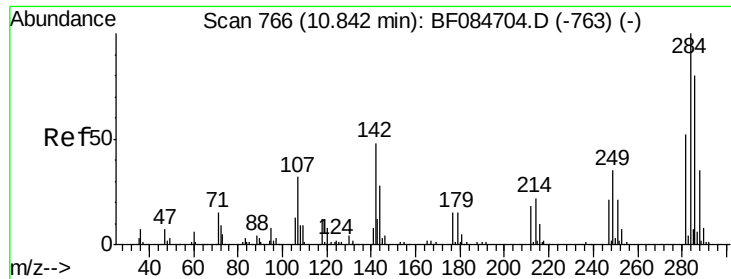


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

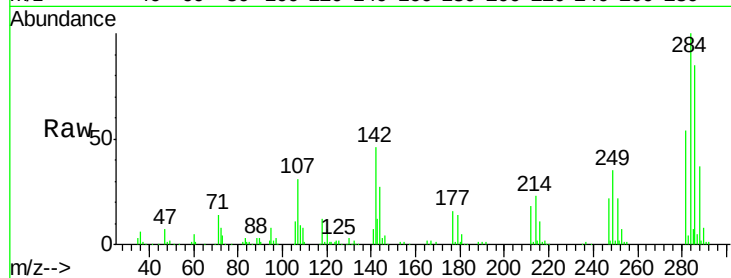




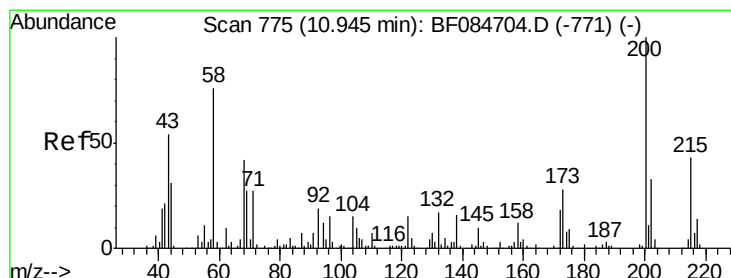
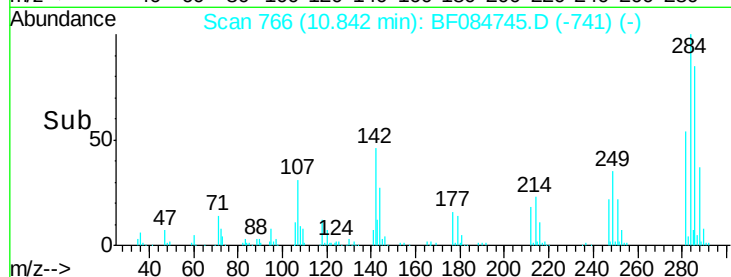
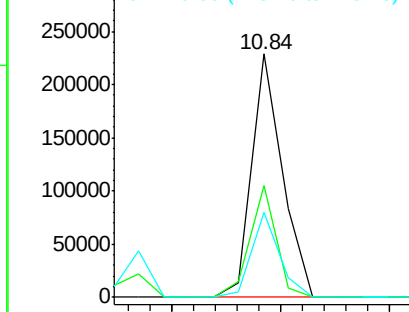
#67
Hexachlorobenzene
Concen: 37.28 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 284 Resp: 224030
Ion Ratio Lower Upper
284 100
142 46.2 22.2 33.4#
249 35.1 24.6 37.0

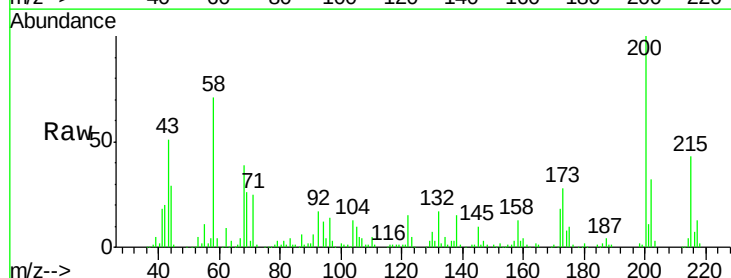


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

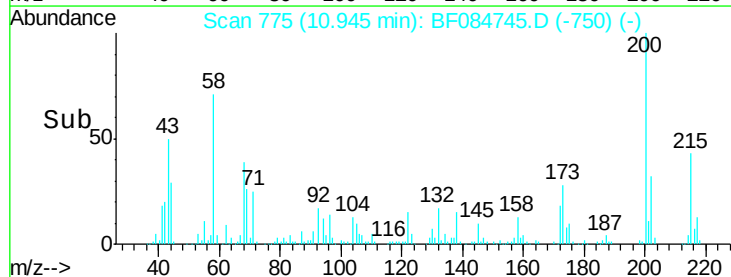
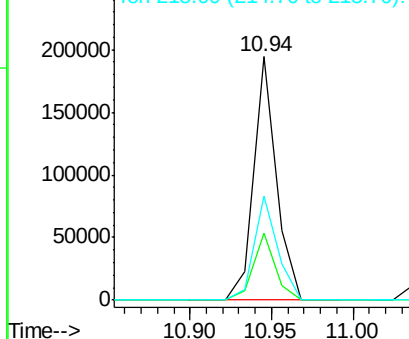


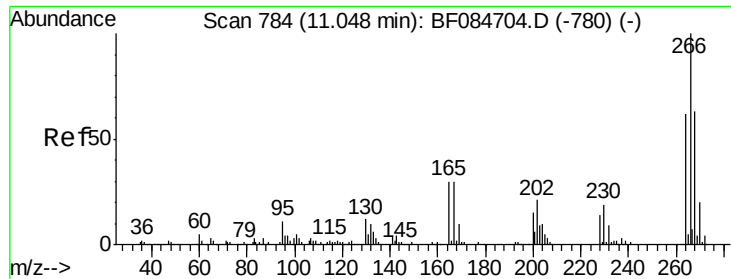
#68
Atrazine
Concen: 37.43 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion: 200 Resp: 187446
Ion Ratio Lower Upper
200 100
173 27.7 9.5 49.5
215 42.8 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

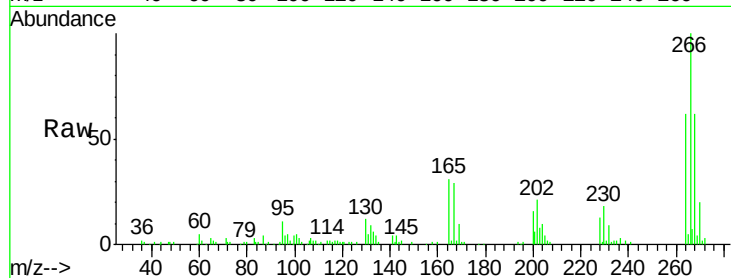




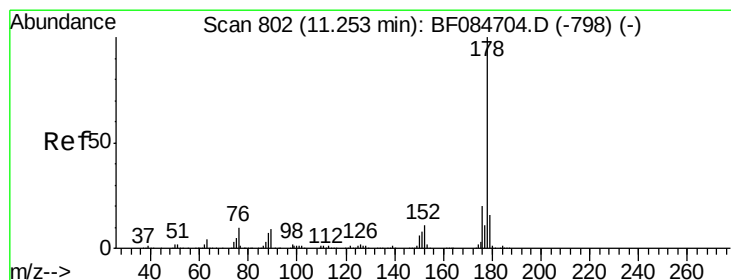
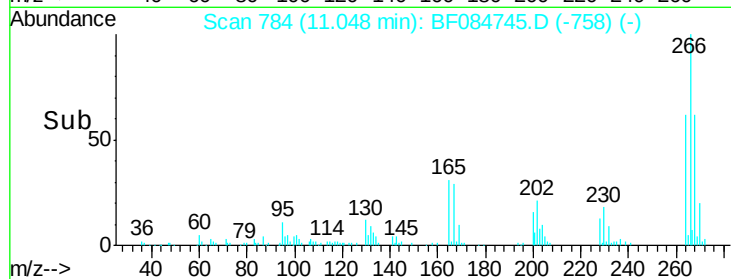
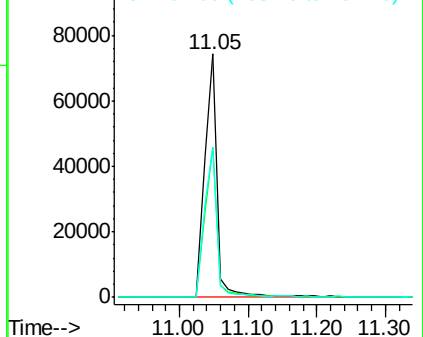
#69
 Pentachlorophenol
 Concen: 32.88 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 92876
 Ion Ratio Lower Upper
 266 100
 268 61.9 52.4 78.6
 264 61.7 50.2 75.2

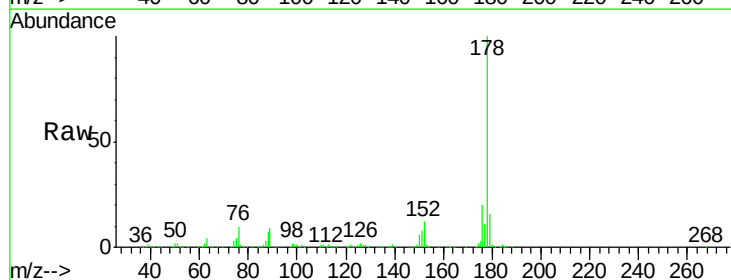


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

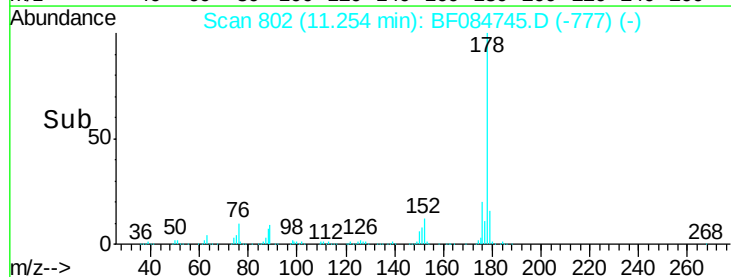
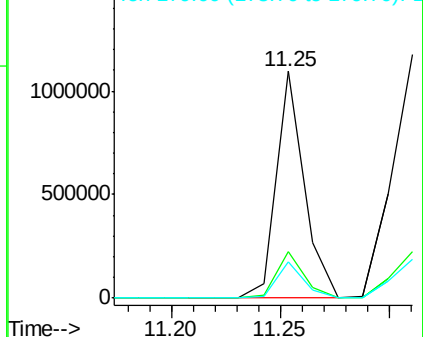


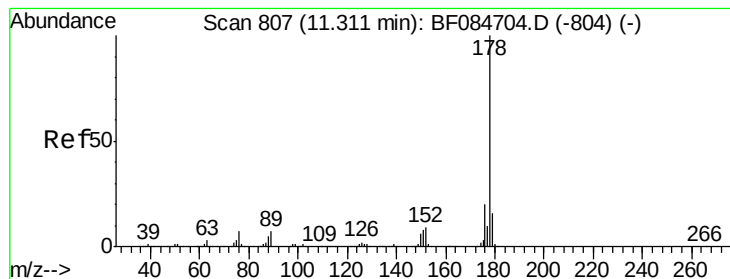
#70
 Phenanthrene
 Concen: 35.57 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion:178 Resp: 985157
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.3 22.9
 179 16.2 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: 42.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

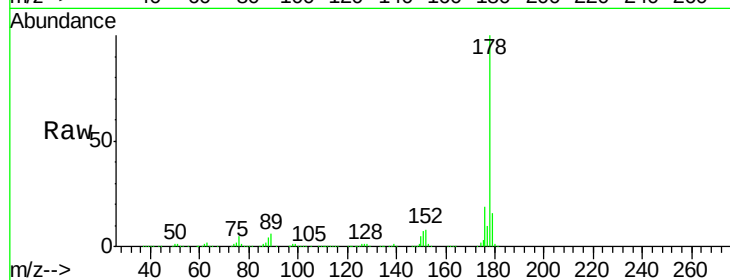
Tgt Ion:178 Resp: 1172094

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

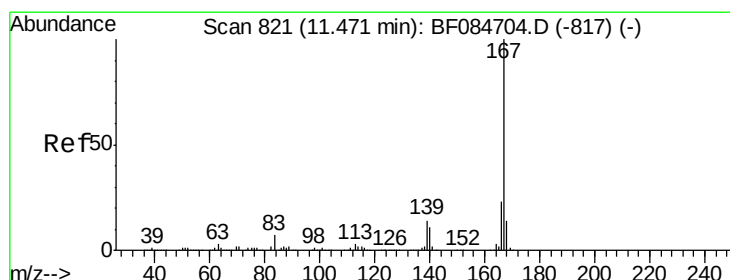
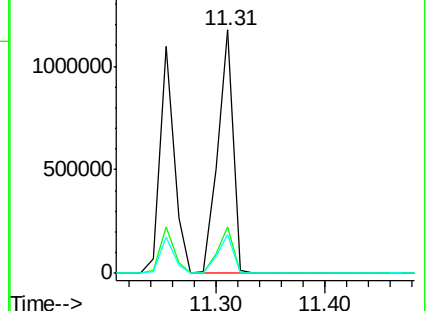
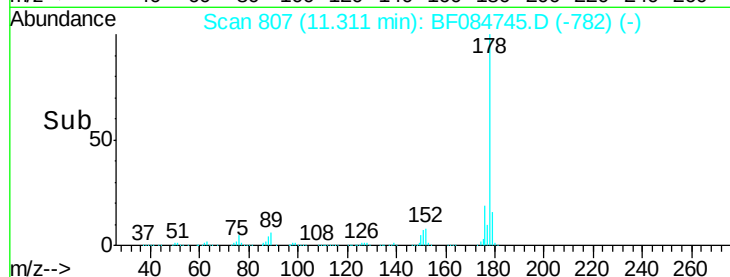
179 15.9 12.5 18.7



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: 39.60 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

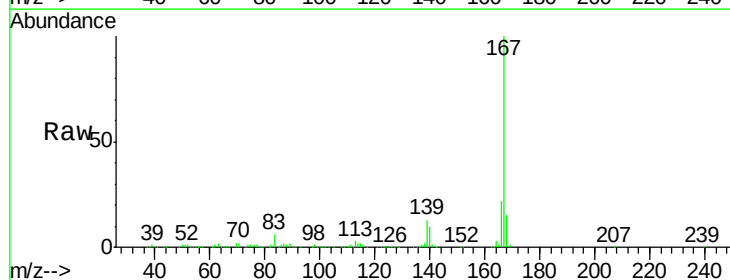
Tgt Ion:167 Resp: 963635

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

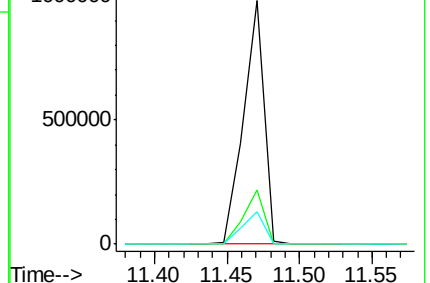
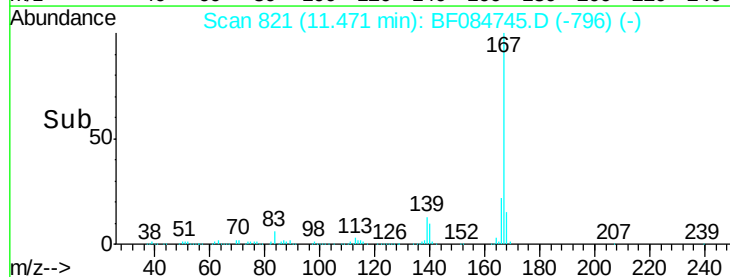
139 13.3 11.8 17.8

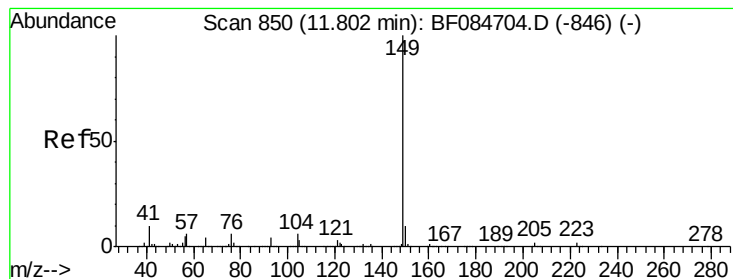


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.31 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

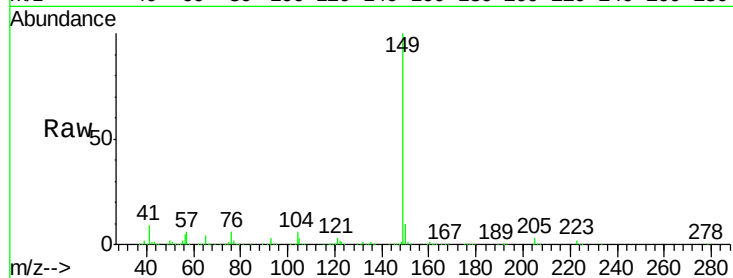
Tgt Ion:149 Resp: 1187056

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

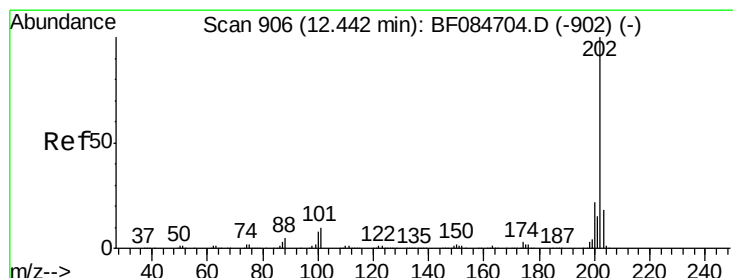
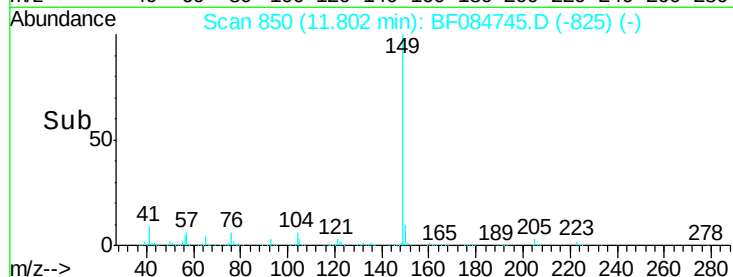
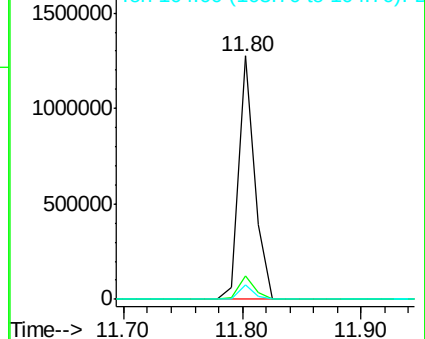
104 5.7 3.2 4.8#



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: 35.60 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

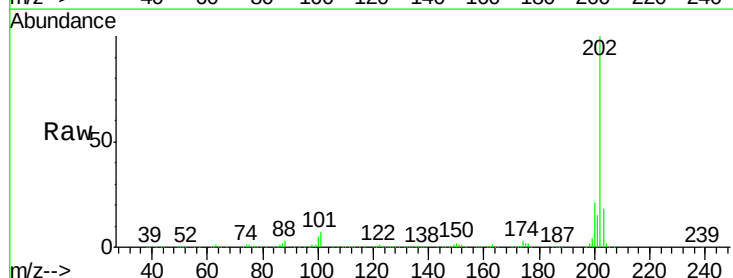
Tgt Ion:202 Resp: 998119

Ion Ratio Lower Upper

202 100

101 7.2 0.0 32.8

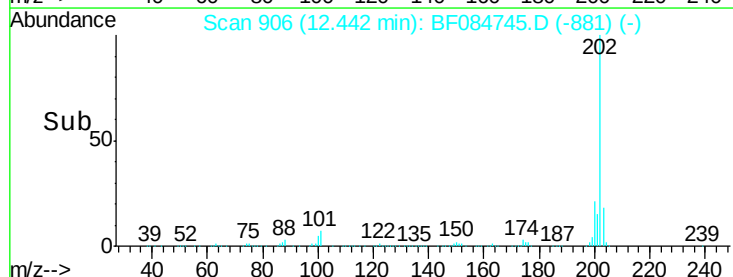
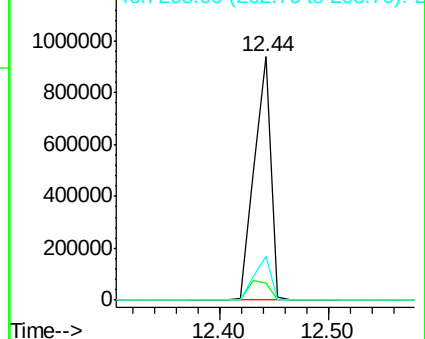
203 18.1 0.0 37.9

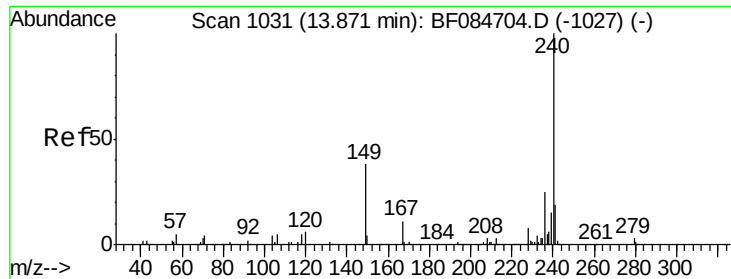


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

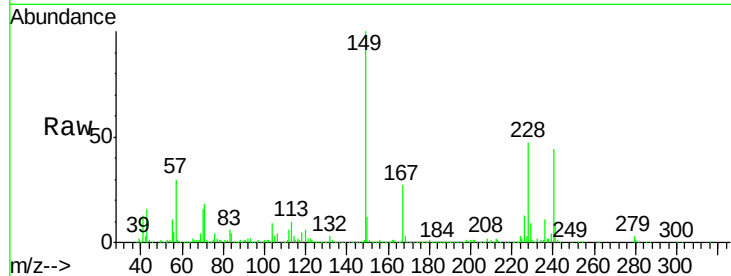
Tgt Ion:240 Resp: 295208

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

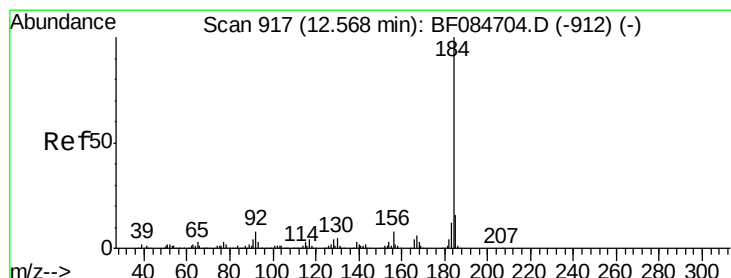
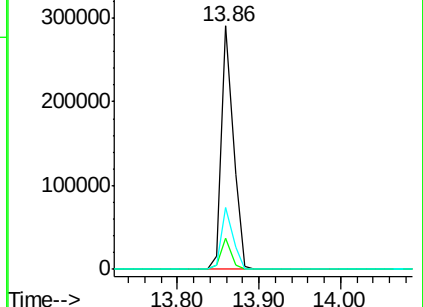
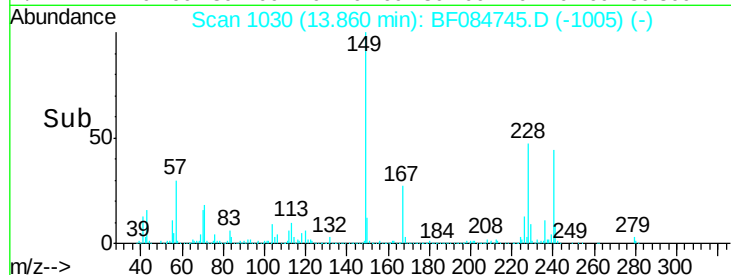
236 25.3 20.6 31.0



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: 47.70 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

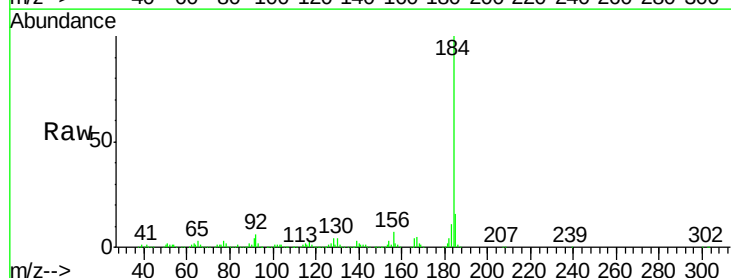
Tgt Ion:184 Resp: 480981

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

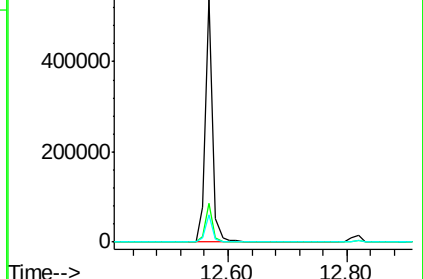
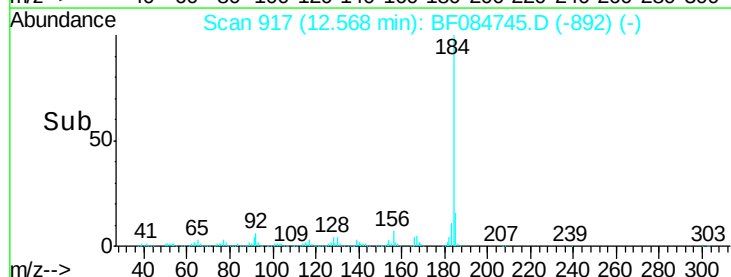
183 11.2 9.8 14.8

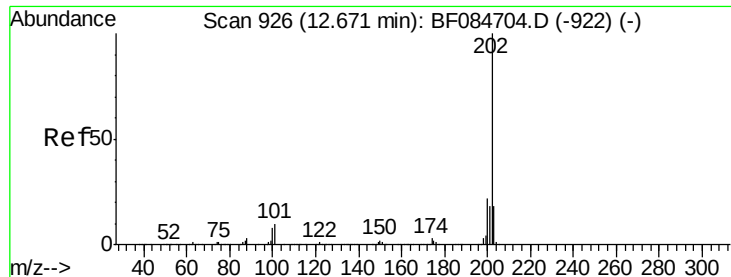


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

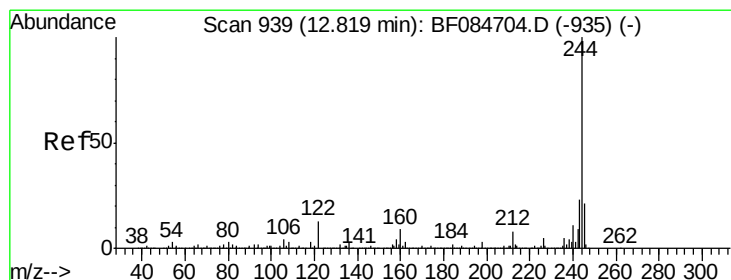
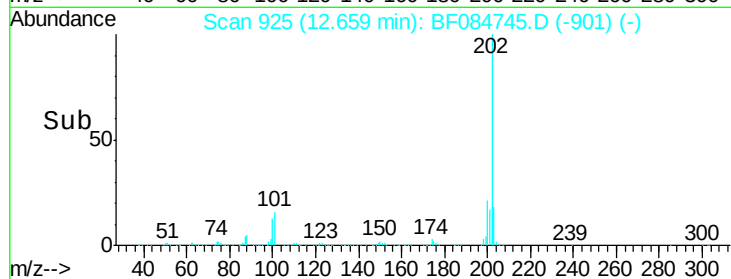
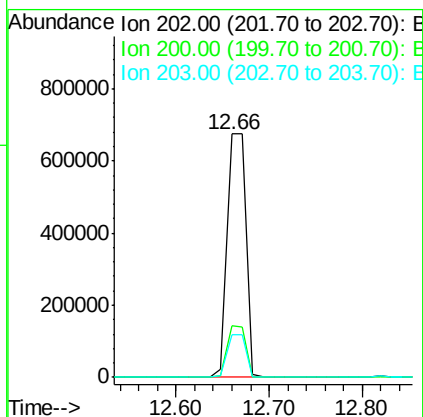
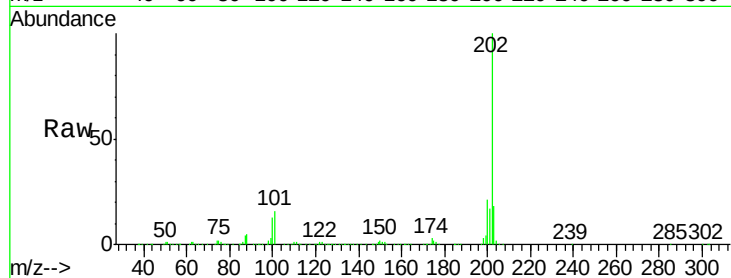




#77
 Pyrene
 Concen: 42.04 ng
 RT: 12.66 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

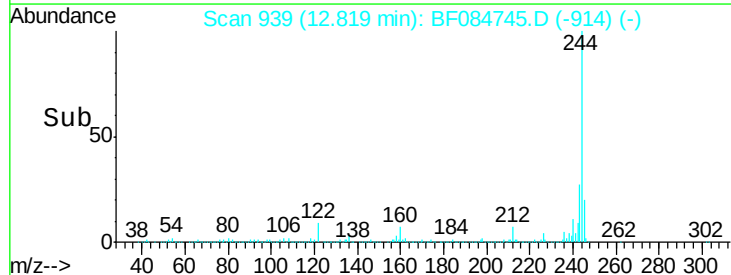
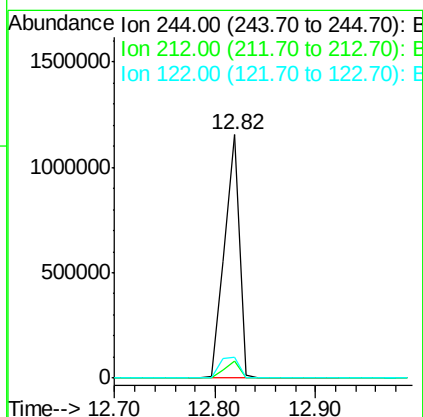
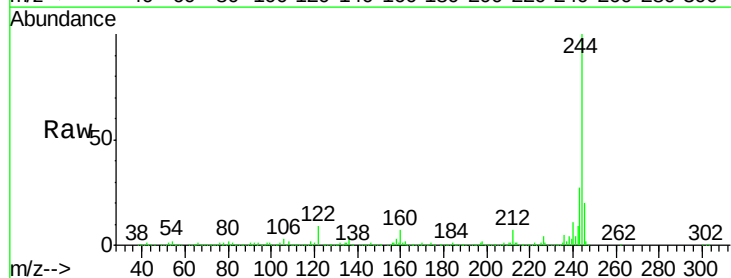
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

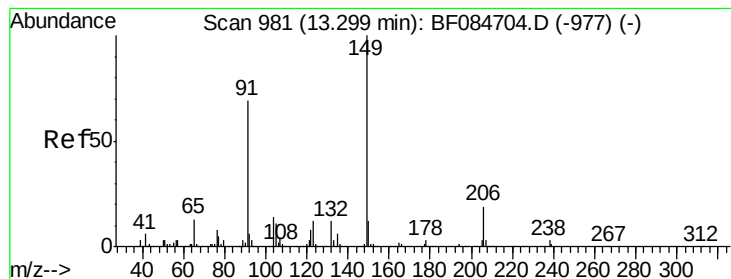
Tgt Ion:202 Resp: 950176
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.2 25.8
 203 17.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 91.70 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion:244 Resp: 1194559
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 8.8 7.4 11.0





#79

Butylbenzylphthalate

Concen: 42.89 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

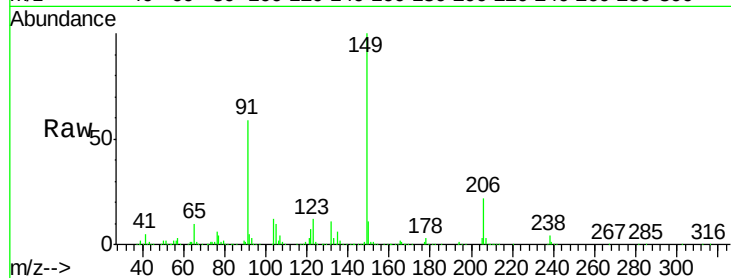
Tgt Ion:149 Resp: 439809

Ion Ratio Lower Upper

149 100

91 59.1 57.6 86.4

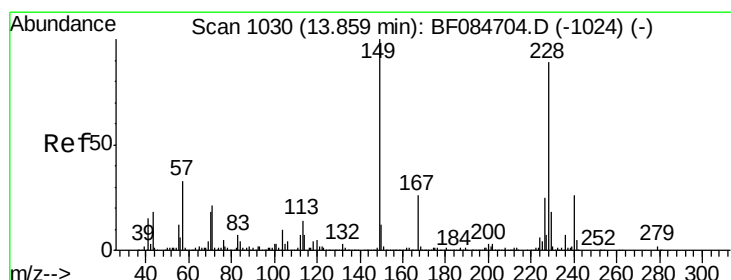
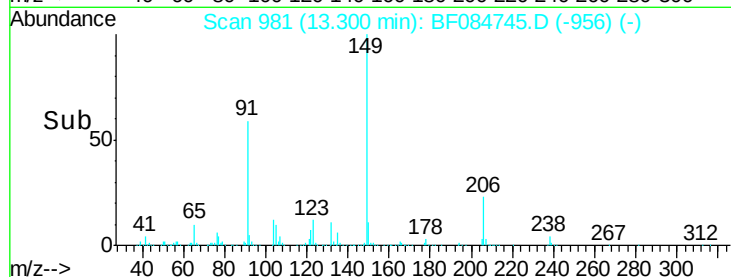
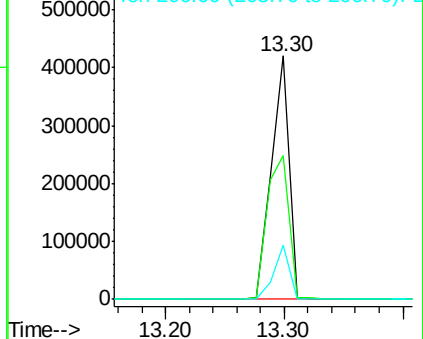
206 22.5 13.2 19.8#



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: 38.22 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

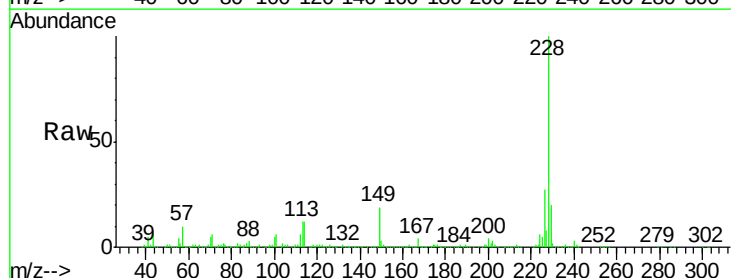
Tgt Ion:228 Resp: 700343

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

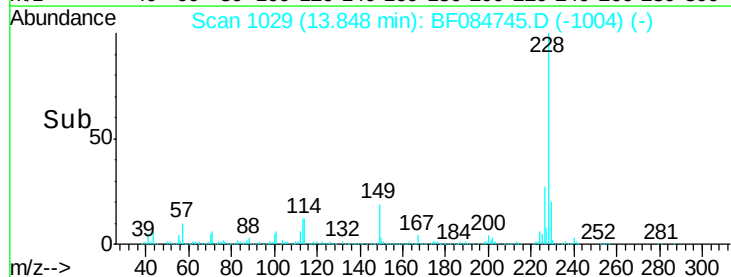
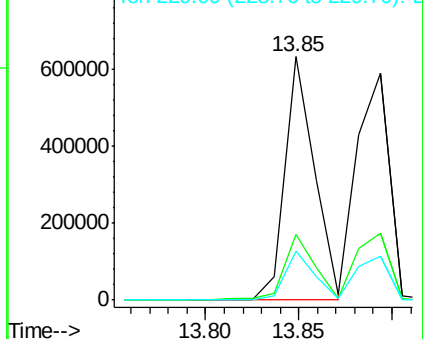
229 20.0 15.8 23.8

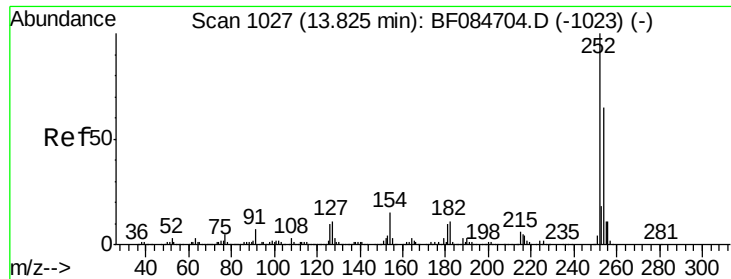


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

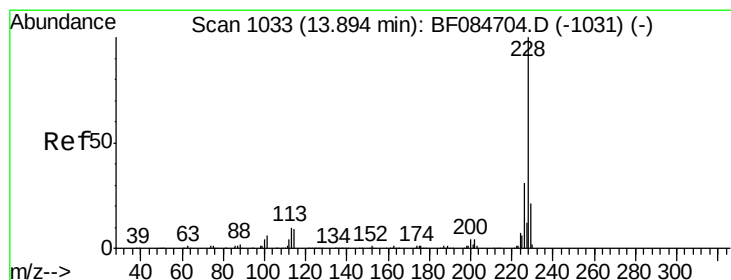
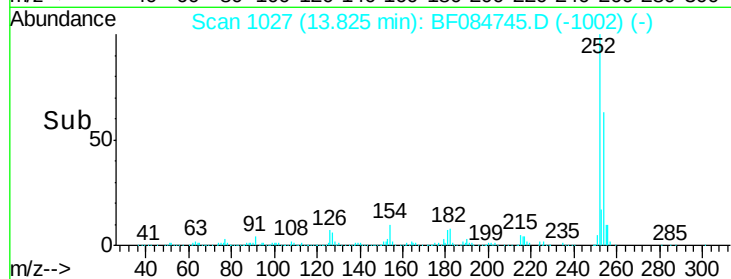
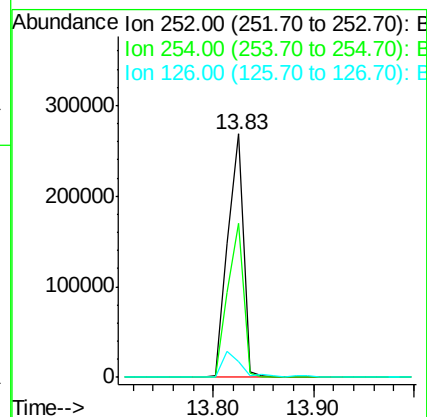
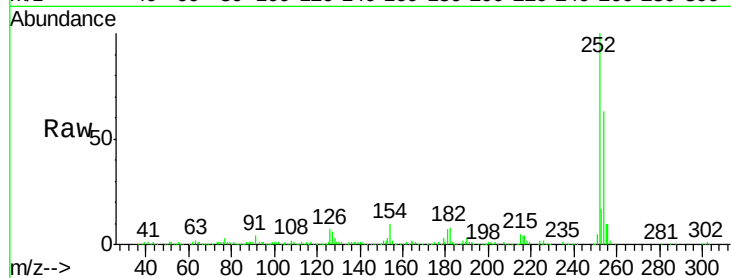




#81
 3,3'-Dichlorobenzidine
 Concen: 45.39 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

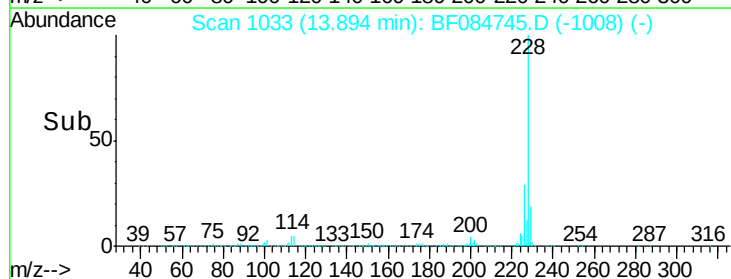
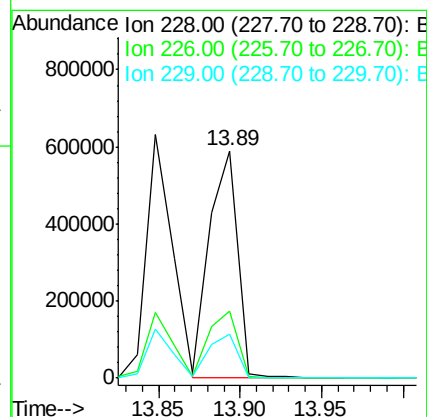
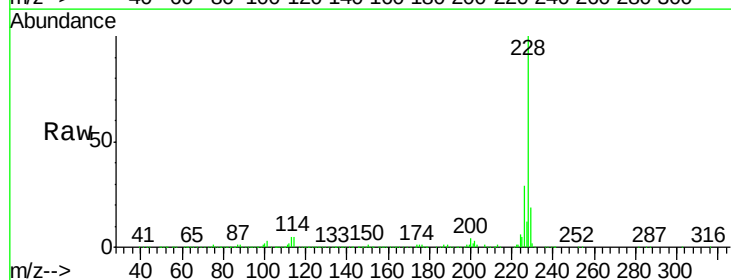
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

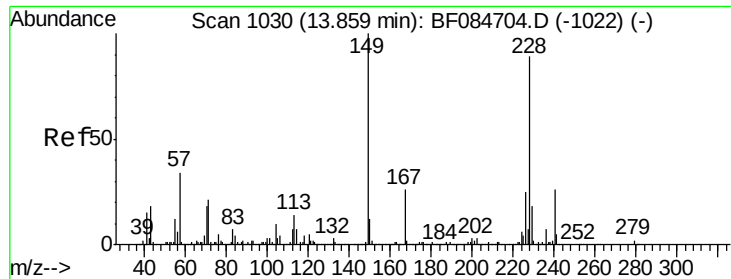
Tgt Ion: 252 Resp: 294468
 Ion Ratio Lower Upper
 252 100
 254 63.3 53.5 80.3
 126 6.6 4.9 7.3



#82
 Chrysene
 Concen: 39.99 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084745.D
 Acq: 2 Feb 2016 7:56

Tgt Ion: 228 Resp: 710462
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.3 36.5
 229 19.3 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.64 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

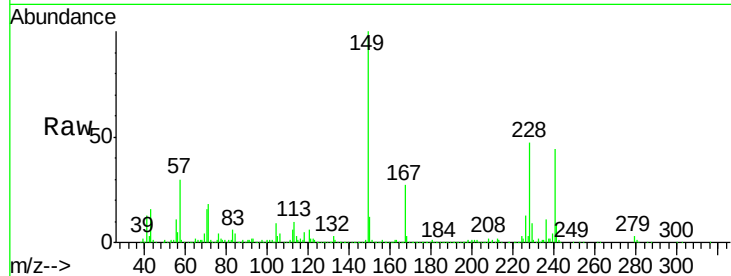
Tgt Ion:149 Resp: 569645

Ion Ratio Lower Upper

149 100

167 26.6 19.7 29.5

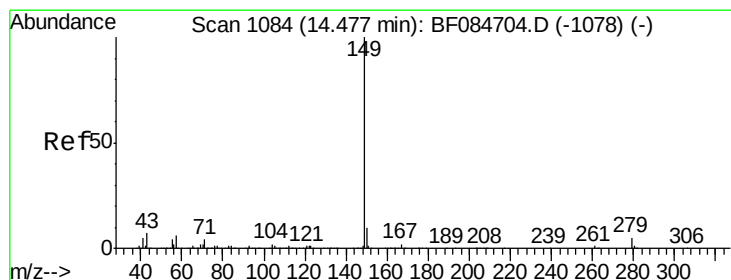
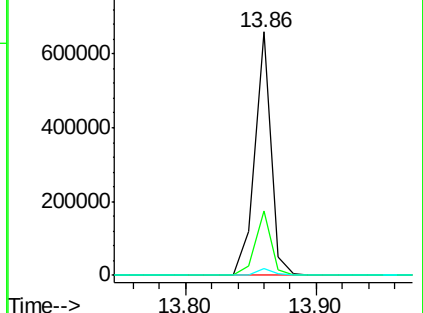
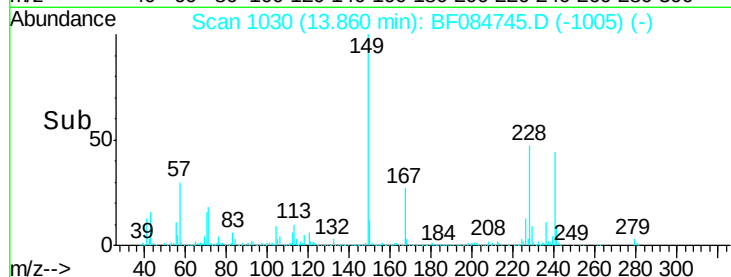
279 2.8 1.8 2.6#



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: 41.14 ng

RT: 14.47 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

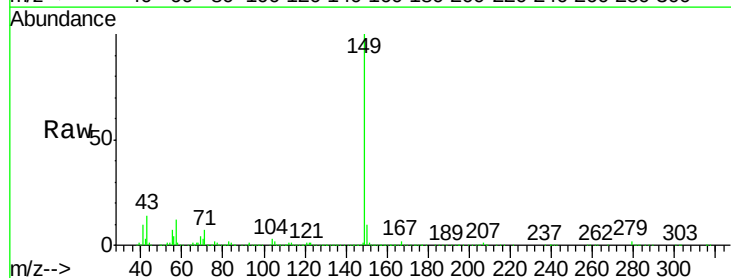
Tgt Ion:149 Resp: 865996

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

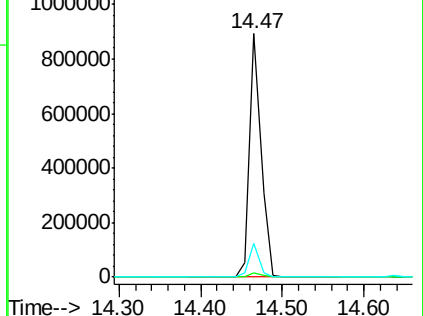
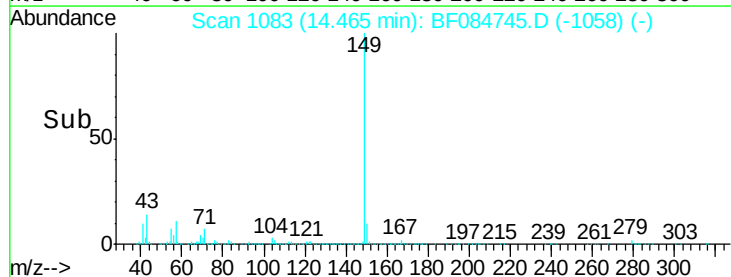
43 12.1 5.6 8.4#

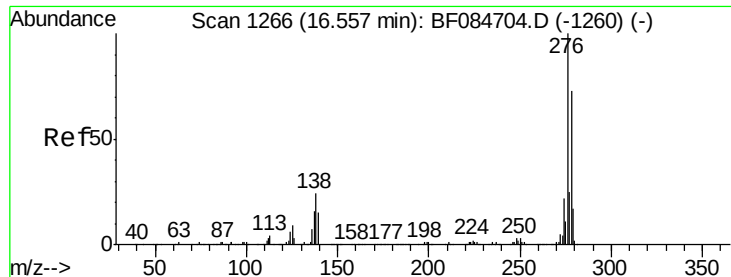


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 65.92 ng

RT: 16.56 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

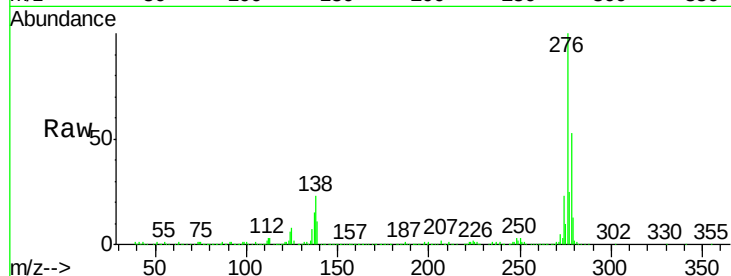
Tgt Ion:276 Resp: 921908

Ion Ratio Lower Upper

276 100

138 24.5 20.6 30.8

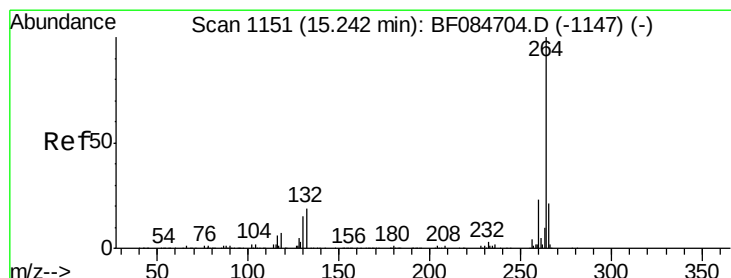
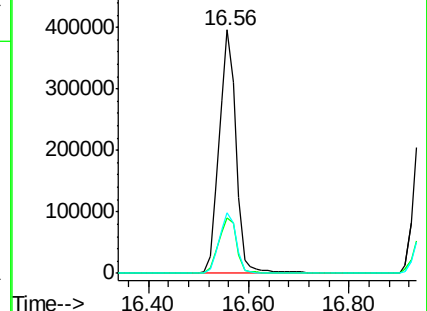
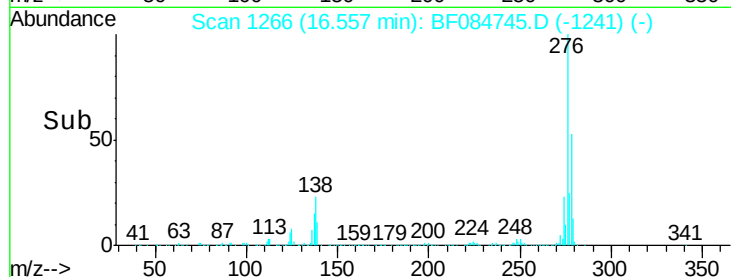
277 25.5 20.1 30.1



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: 15.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

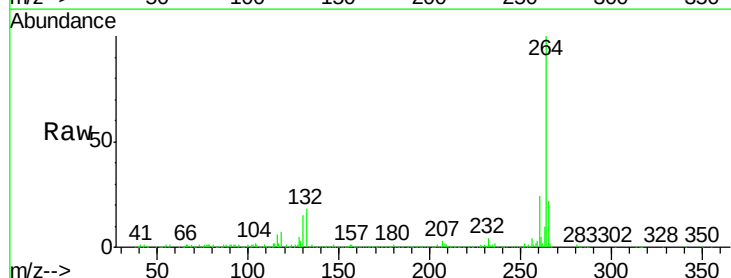
Tgt Ion:264 Resp: 328344

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

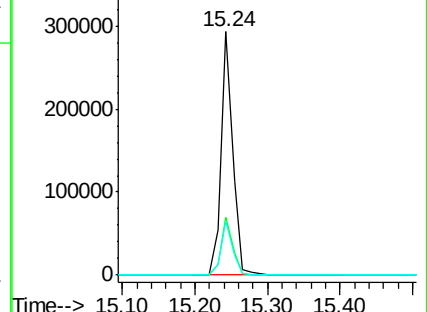
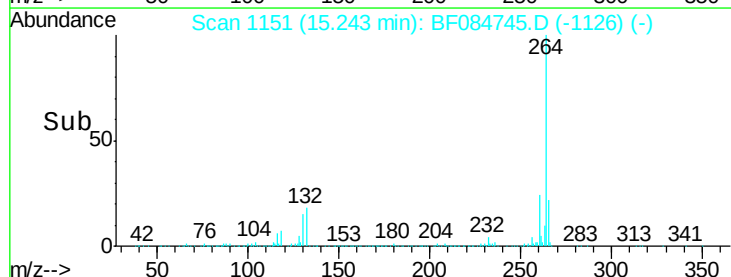
265 22.5 17.8 26.6

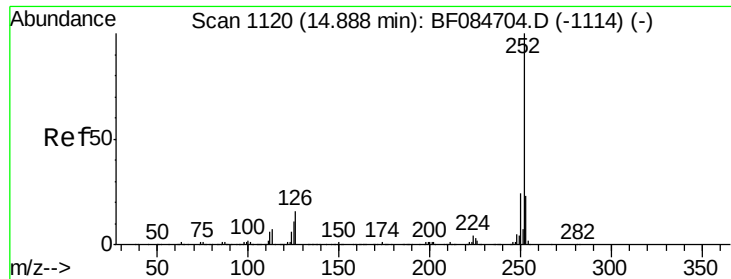


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

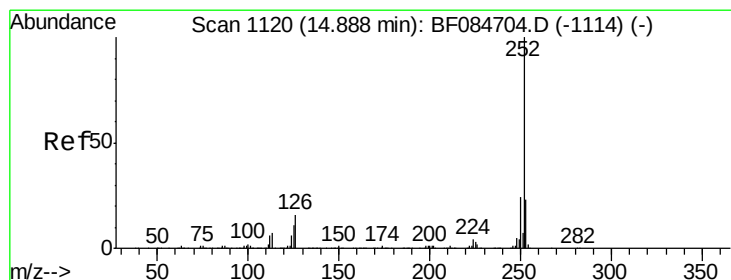
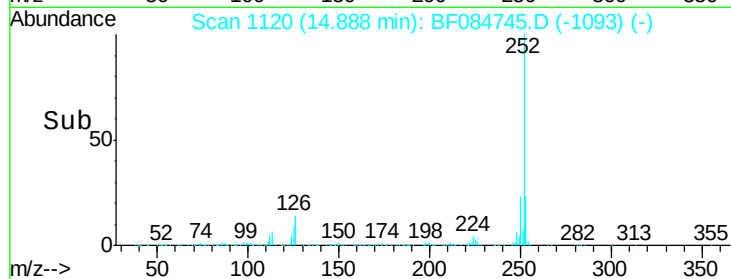
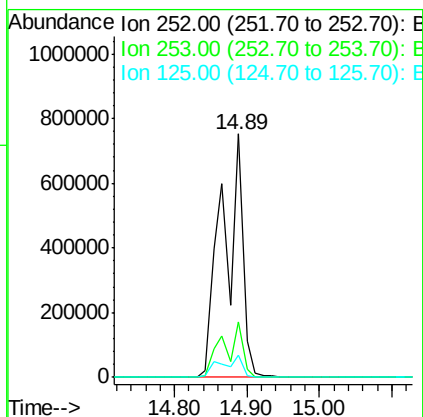
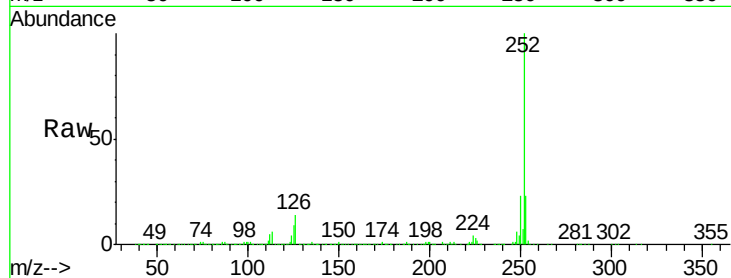




#87
Benzo(b)fluoranthene
Concen: 66.57 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

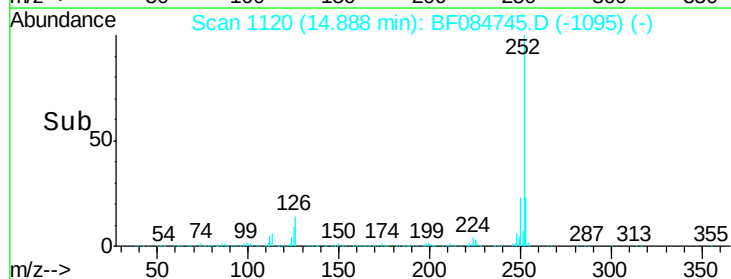
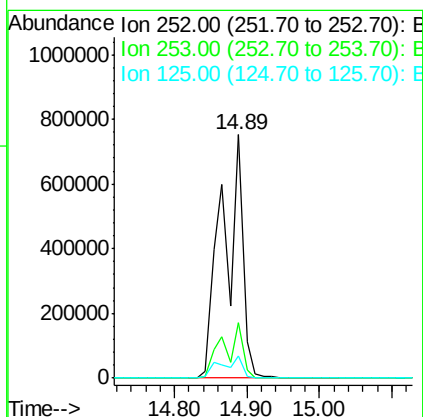
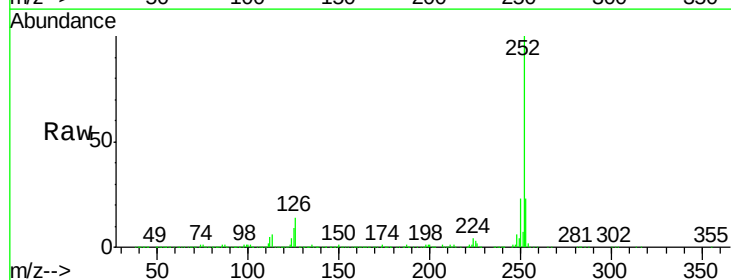
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

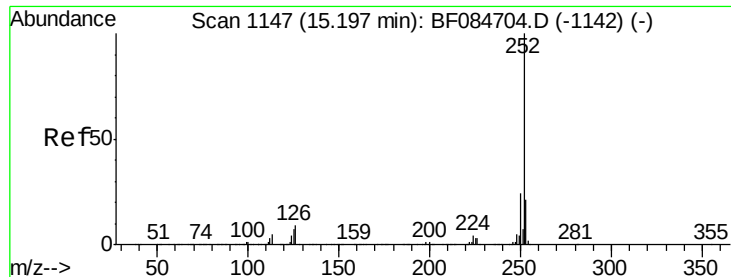
Tgt Ion:252 Resp: 1468725
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 9.0 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 80.52 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF084745.D
Acq: 2 Feb 2016 7:56

Tgt Ion:252 Resp: 1468725
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 9.0 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 38.60 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

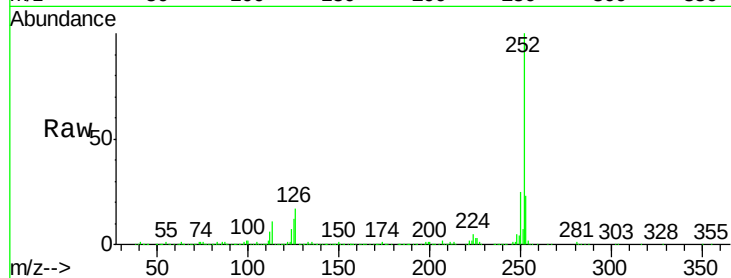
Tgt Ion:252 Resp: 725581

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

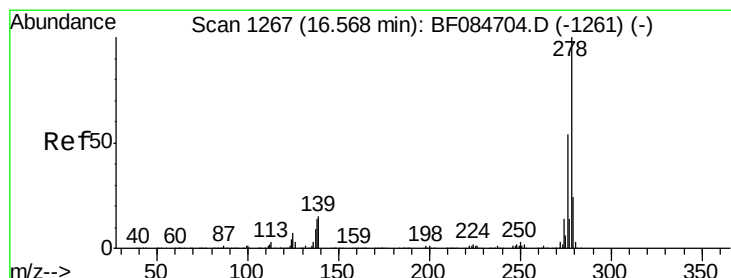
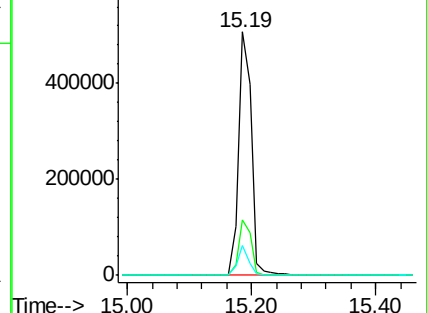
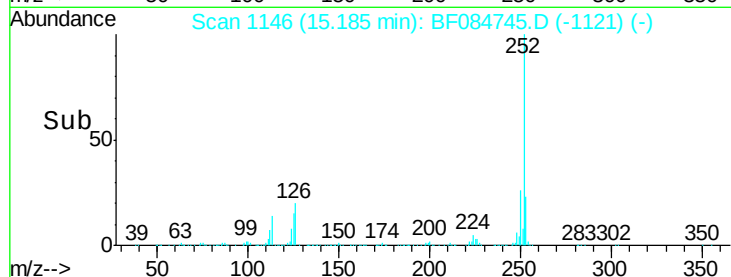
125 12.5 7.0 10.4#



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: 47.80 ng

RT: 16.57 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF084745.D

Acq: 2 Feb 2016 7:56

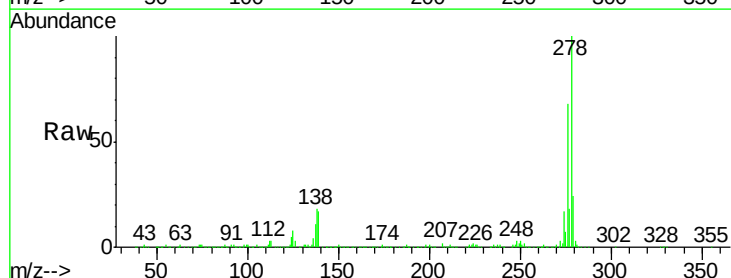
Tgt Ion:278 Resp: 756407

Ion Ratio Lower Upper

278 100

139 16.8 15.0 22.4

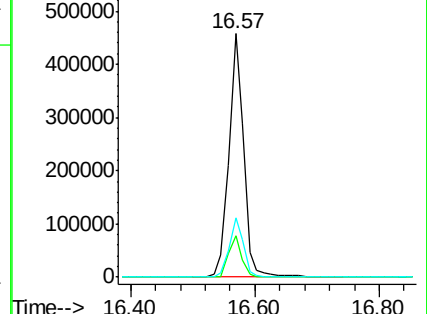
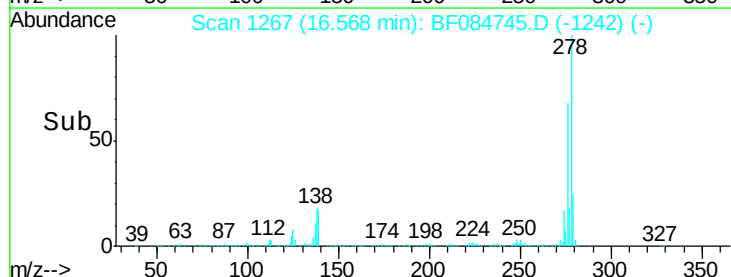
279 24.4 18.9 28.3

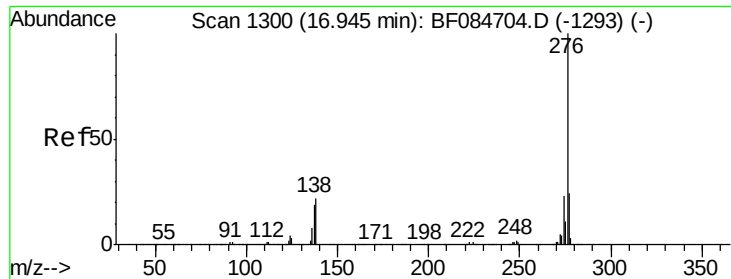


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.63 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF084745.D

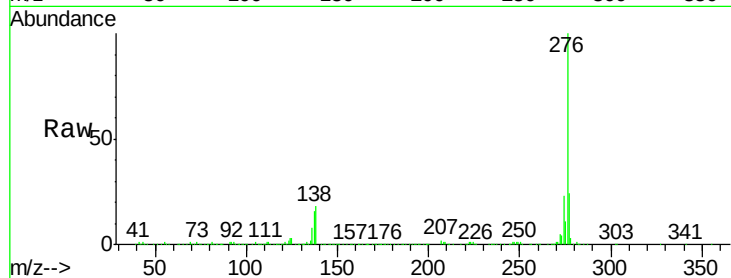
Acq: 2 Feb 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



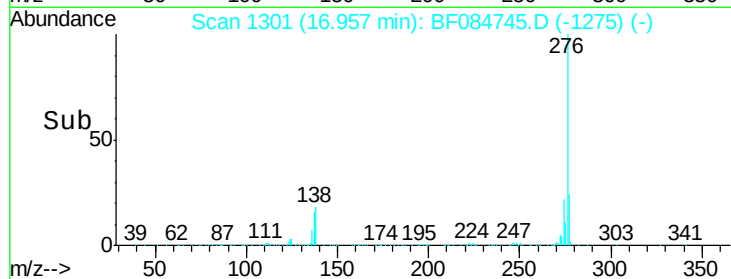
Tgt Ion: 276 Resp: 791022

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 17.7 17.8 26.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

