

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084636.D
 Acq On : 29 Jan 2016 15:17
 Operator : SJ/IZ
 Sample : PB88072BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Quant Time: Jan 29 23:05:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170824	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	669609	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	250754	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	493772	20.00	ng	0.00
75) Chrysene-d12	13.88	240	468140	20.00	ng	0.01
86) Perylene-d12	15.25	264	411798	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1271833	112.39	ng	0.02
7) Phenol-d6	6.37	99	1458353	107.52	ng	0.00
23) Nitrobenzene-d5	7.30	82	984251	82.15	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	346973	132.02	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1631655	96.72	ng	0.00
78) Terphenyl-d14	12.83	244	1666085	80.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	156181	29.60	ng	# 76
3) Pyridine	2.98	79	399044	28.39	ng	# 75
4) n-Nitrosodimethylamine	2.92	42	244439	35.56	ng	# 78
6) Aniline	6.38	93	298179	17.13	ng	# 1
8) 2-Chlorophenol	6.51	128	473753	37.74	ng	# 92
9) Benzaldehyde	6.27	77	26101	3.32	ng	# 95
10) Phenol	6.38	94	469992	31.09	ng	# 80
11) bis(2-Chloroethyl)ether	6.46	93	419882	35.71	ng	# 82
12) 1,3-Dichlorobenzene	6.90	146	459546	34.17	ng	# 99
13) 1,4-Dichlorobenzene	6.74	146	459076	34.78	ng	# 97
14) 1,2-Dichlorobenzene	6.90	146	459852	37.84	ng	# 96
15) Benzyl Alcohol	6.88	79	365419	39.58	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.01	45	704373	35.00	ng	# 86
17) 2-Methylphenol	7.00	107	378724	38.92	ng	# 94
18) Hexachloroethane	7.24	117	187461	36.31	ng	# 86
19) n-Nitroso-di-n-propylamine	7.15	70	331137	39.97	ng	# 76
20) 3+4-Methylphenols	7.15	107	445876	37.76	ng	# 77
22) Acetophenone	7.14	105	625012	35.74	ng	# 98
24) Nitrobenzene	7.31	77	446574	35.07	ng	# 93
25) Isophorone	7.55	82	871330	38.82	ng	# 97
26) 2-Nitrophenol	7.63	139	247029	40.79	ng	# 86
27) 2,4-Dimethylphenol	7.68	122	420544	39.63	ng	# 95
28) bis(2-Chloroethoxy)methane	7.77	93	517443	38.41	ng	# 99
29) 2,4-Dichlorophenol	7.88	162	393420	42.39	ng	# 94
30) 1,2,4-Trichlorobenzene	7.95	180	394526	37.17	ng	# 96
31) Naphthalene	8.03	128	1211450	35.84	ng	# 99
32) Benzoic acid	7.81	122	278143	34.14	ng	# 95
33) 4-Chloroaniline	8.09	127	110447	8.03	ng	# 93
34) Hexachlorobutadiene	8.16	225	235461	37.54	ng	# 98
35) Caprolactam	8.45	113	80823	30.34	ng	# 42
36) 4-Chloro-3-methylphenol	8.59	107	445886	43.63	ng	# 92
37) 2-Methylnaphthalene	8.73	142	944074	45.50	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	344582	42.37	ng	# 98
40) Hexachlorocyclopentadiene	8.88	237	407659	110.26	ng	# 97

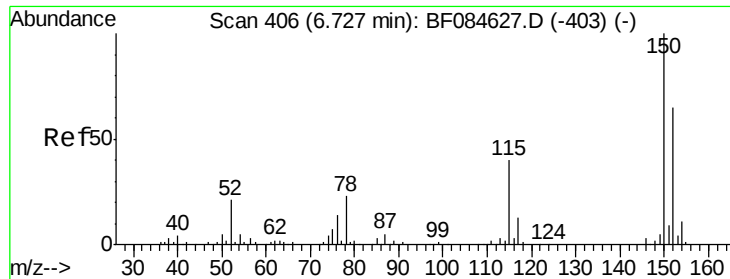
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	258630	51.20	ng	93
43) 2,4,5-Trichlorophenol	9.06	196	289522	55.51	ng	98
45) 1,1'-Biphenyl	9.20	154	1039763	45.24	ng	95
46) 2-Chloronaphthalene	9.21	162	791654	47.21	ng	97
47) 2-Nitroaniline	9.31	65	242924	48.24	ng	95
48) Acenaphthylene	9.63	152	1092280	42.99	ng	99
49) Dimethylphthalate	9.50	163	982829	52.22	ng	# 92
50) 2,6-Dinitrotoluene	9.56	165	234196	56.56	ng	96
51) Acenaphthene	9.80	154	692263	40.69	ng	98
52) 3-Nitroaniline	9.72	138	58155	13.44	ng	# 92
53) 2,4-Dinitrophenol	9.84	184	214621	105.04	ng	92
54) Dibenzofuran	9.97	168	985821	48.56	ng	95
55) 4-Nitrophenol	9.90	139	256480	80.70	ng	# 70
56) 2,4-Dinitrotoluene	9.96	165	249177	46.32	ng	# 92
57) Fluorene	10.32	166	700026	40.68	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	182082	46.17	ng	94
59) Diethylphthalate	10.20	149	793253	43.06	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	295784	38.28	ng	89
61) 4-Nitroaniline	10.34	138	155624	38.00	ng	95
62) Azobenzene	10.46	77	793436	45.00	ng	86
64) 4,6-Dinitro-2-methylphenol	10.37	198	121949	37.81	ng	72
65) n-Nitrosodiphenylamine	10.43	169	627496	39.19	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	218843	39.35	ng	# 90
67) Hexachlorobenzene	10.85	284	211927	35.03	ng	# 78
68) Atrazine	10.96	200	181193	37.77	ng	97
69) Pentachlorophenol	11.06	266	245327	83.95	ng	99
70) Phenanthrene	11.26	178	1064620	38.99	ng	98
71) Anthracene	11.32	178	1232895	44.41	ng	99
72) Carbazole	11.48	167	1352438	56.53	ng	98
73) Di-n-butylphthalate	11.81	149	1482424	50.95	ng	# 96
74) Fluoranthene	12.45	202	1485630	55.04	ng	97
76) Benzidine	12.58	184	490607	27.55	ng	99
77) Pyrene	12.68	202	1561200	44.22	ng	99
79) Butylbenzylphthalate	13.31	149	676125	44.82	ng	98
80) Benzo(a)anthracene	13.86	228	1236155	42.36	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	253888	24.73	ng	# 99
82) Chrysene	13.91	228	1215816	42.27	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	839851	42.92	ng	99
84) Di-n-octyl phthalate	14.49	149	1516339	49.05	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.57	276	893825	35.15	ng	99
87) Benzo(b)fluoranthene	14.88	252	2066603	77.50	ng	98
88) Benzo(k)fluoranthene	14.88	252	2068080	93.90	ng	98
89) Benzo(a)pyrene	15.21	252	995675	43.17	ng	99
90) Dibenzo(a,h)anthracene	16.58	278	757787	36.45	ng	99
91) Benzo(g,h,i)perylene	16.97	276	738863	35.20	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084636.D

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Instrument :

BNA_F

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PB88072BS

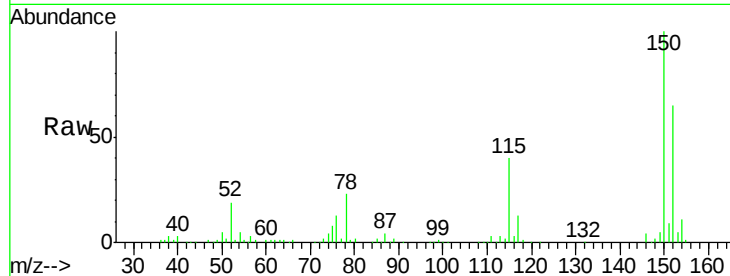
Tgt Ion:152 Resp: 170824

Ion Ratio Lower Upper

152 100

150 152.9 123.0 184.4

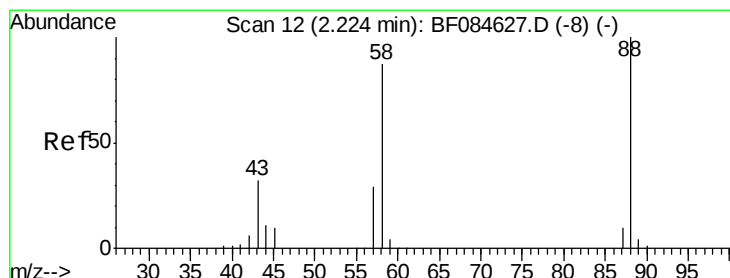
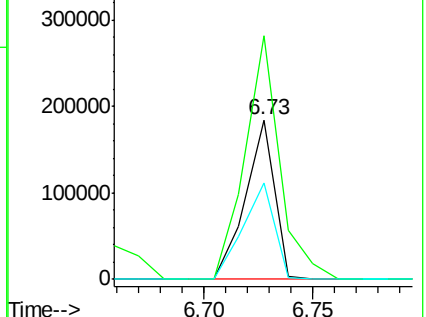
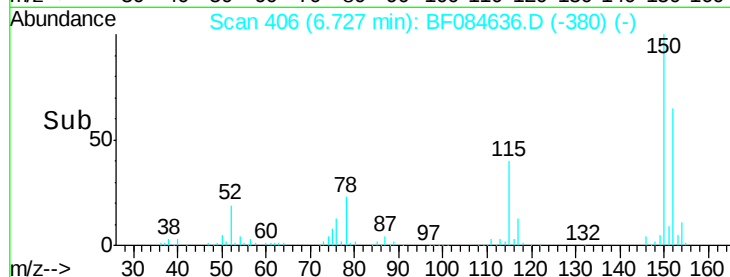
115 60.6 51.4 77.2



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: 29.60 ng

RT: 2.30 min Scan# 19

Delta R.T. 0.08 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

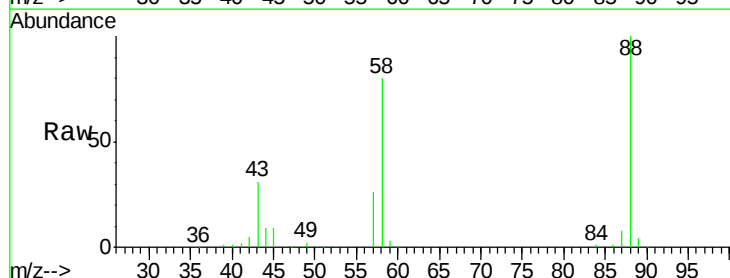
Tgt Ion: 88 Resp: 156181

Ion Ratio Lower Upper

88 100

58 84.9 51.2 76.8#

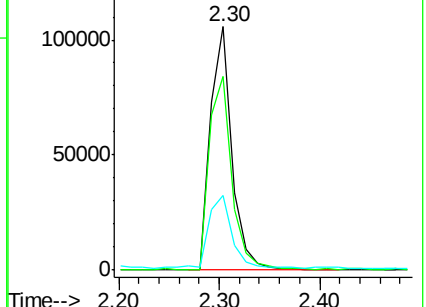
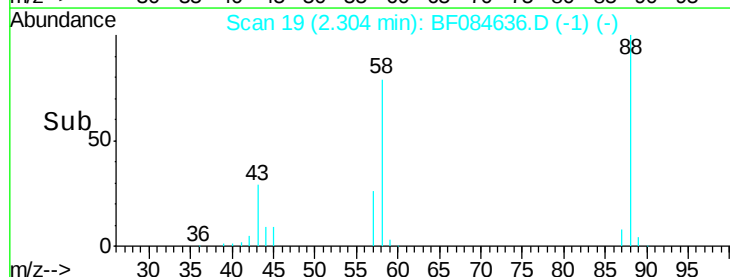
43 32.7 19.5 29.3#

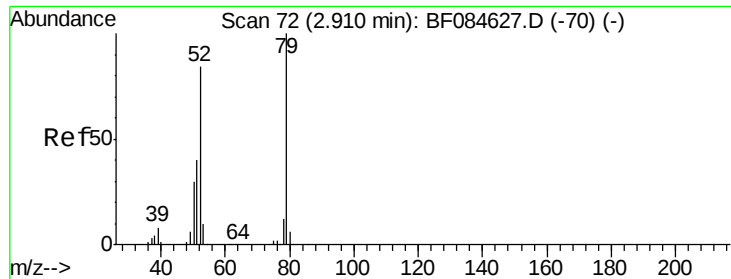


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

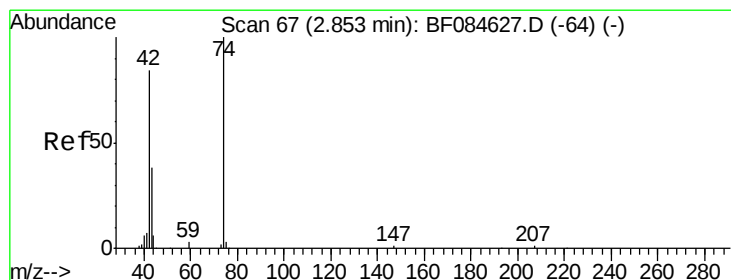
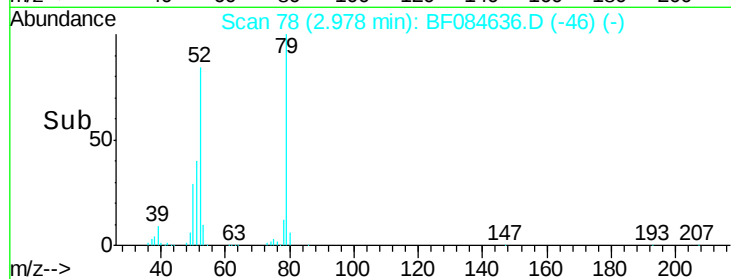
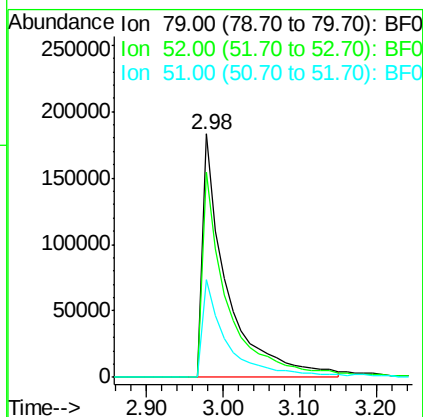
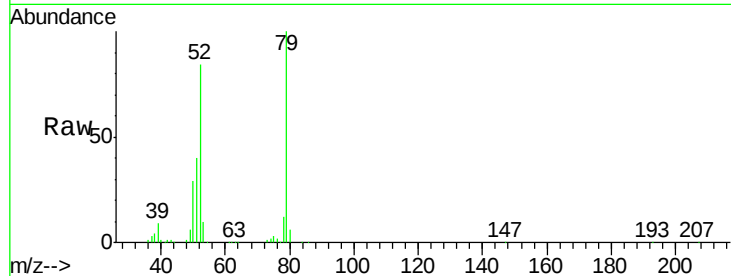




#3
 Pyridine
 Concen: 28.39 ng
 RT: 2.98 min Scan# 78
 Delta R.T. 0.07 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

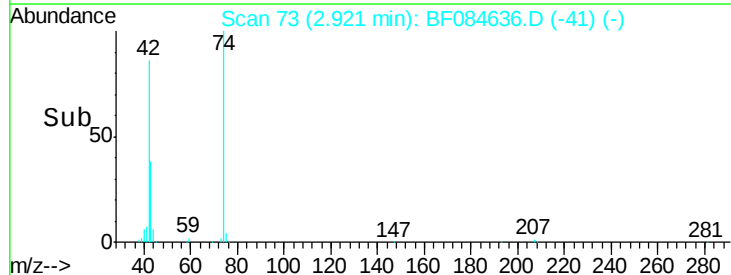
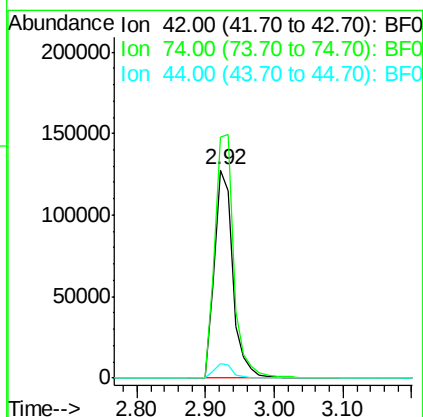
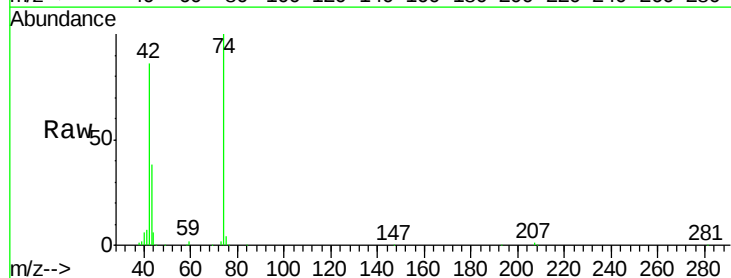
Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

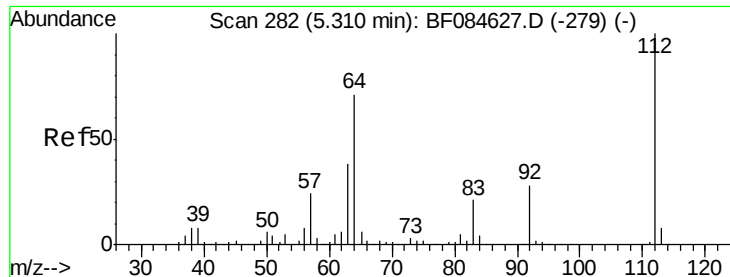
Tgt Ion: 79 Resp: 399044
 Ion Ratio Lower Upper
 79 100
 52 84.4 49.0 73.4#
 51 40.4 25.2 37.8#



#4
 n-Nitrosodimethylamine
 Concen: 35.56 ng
 RT: 2.92 min Scan# 73
 Delta R.T. 0.07 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion: 42 Resp: 244439
 Ion Ratio Lower Upper
 42 100
 74 116.2 115.7 173.5
 44 6.8 5.1 7.7





#5

2-Fluorophenol

Concen: 112.39 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

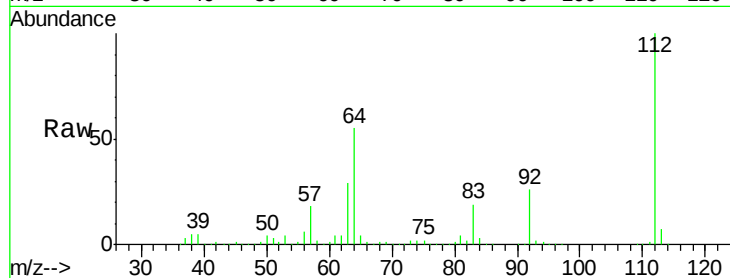
Tgt Ion: 112 Resp: 1271833

Ion Ratio Lower Upper

112 100

64 55.0 36.6 55.0#

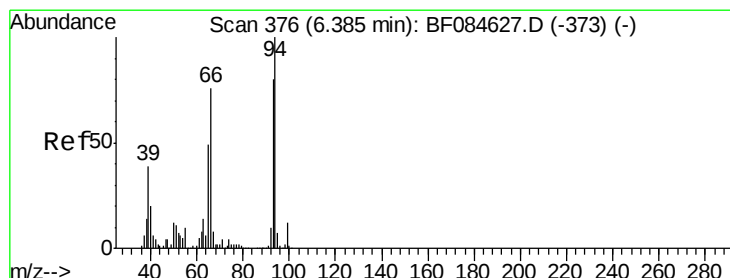
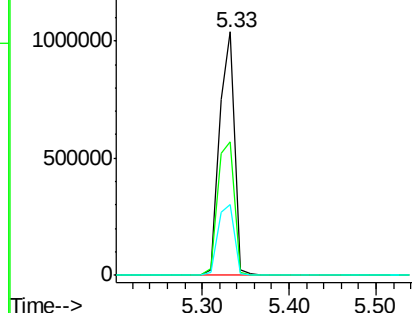
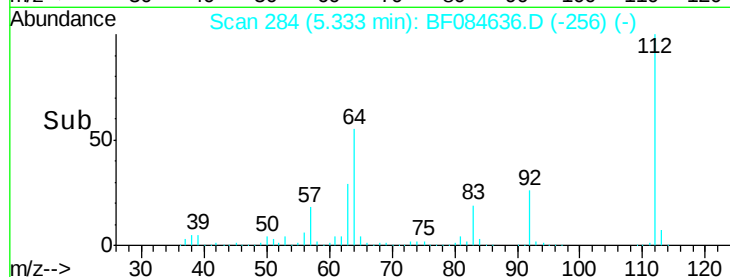
63 28.8 19.4 29.0



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: 17.13 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

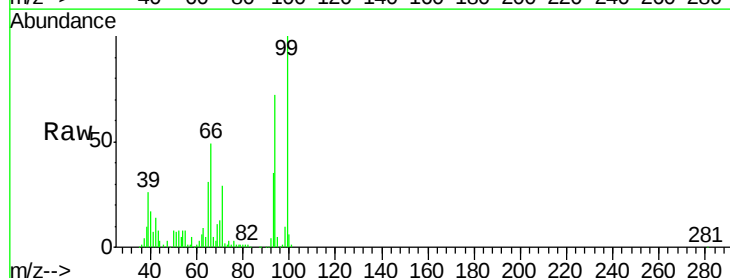
Tgt Ion: 93 Resp: 298179

Ion Ratio Lower Upper

93 100

66 141.9 44.9 67.3#

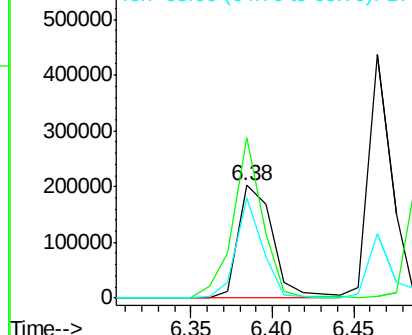
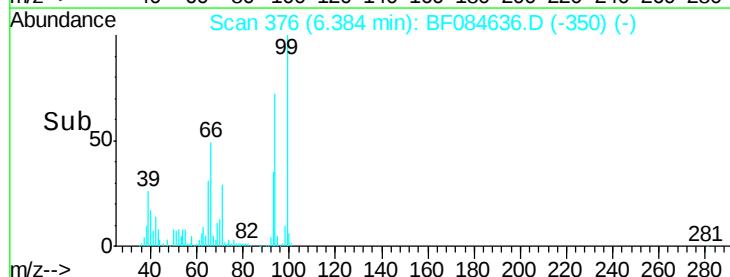
65 89.2 23.7 35.5#

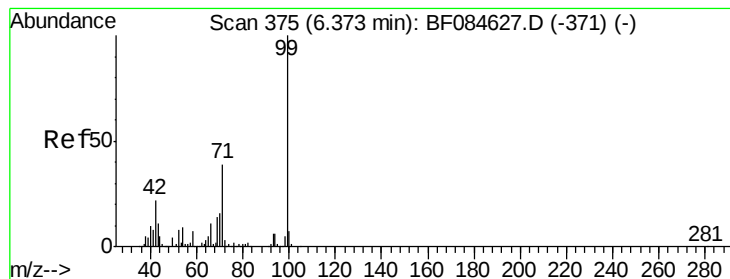


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.52 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

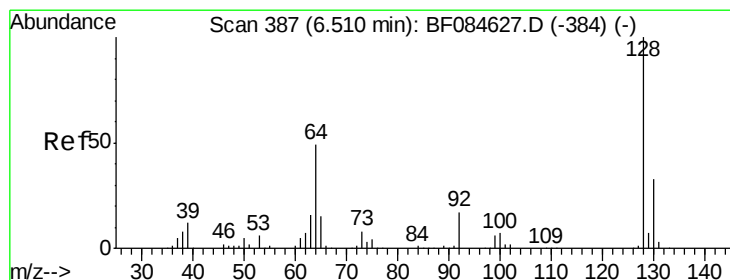
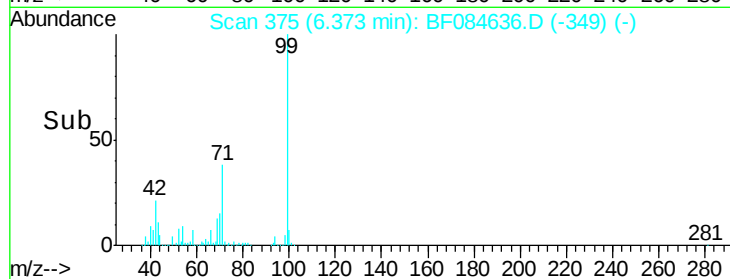
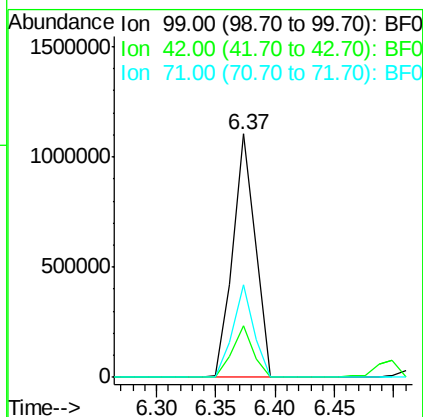
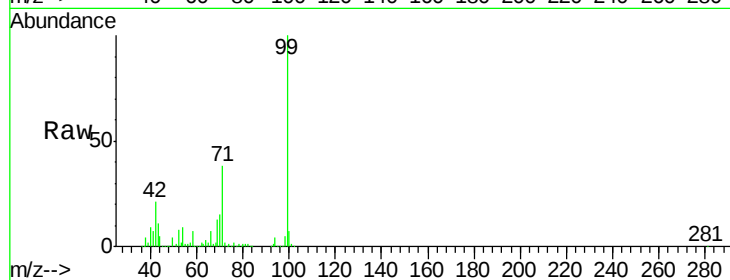
BNA_F

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Tgt Ion: 99 Resp: 1458353

Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	38.2	30.9	46.3



#8

2-Chlorophenol

Concen: 37.74 ng

RT: 6.51 min Scan# 387

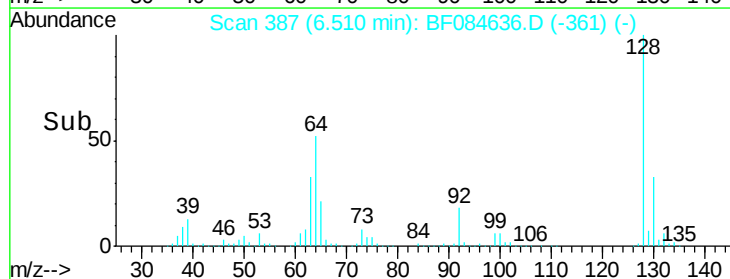
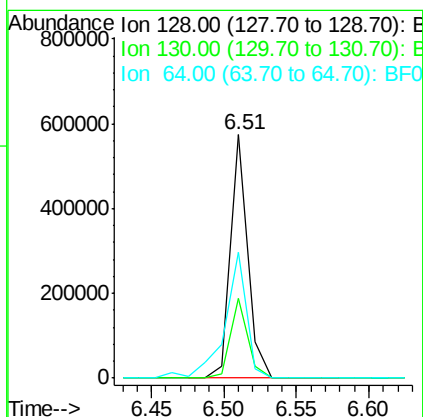
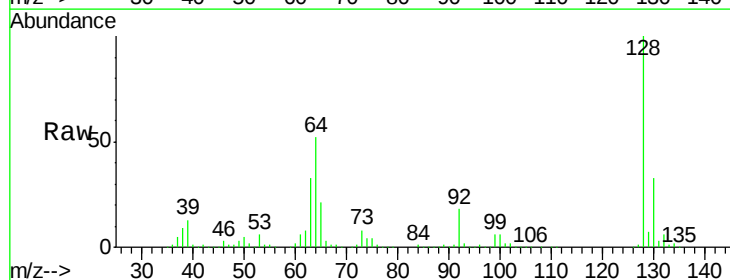
Delta R.T. -0.00 min

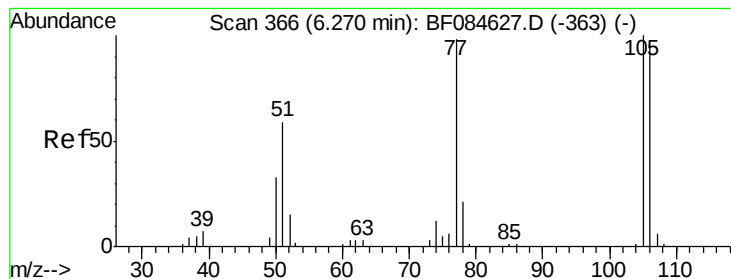
Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion: 128 Resp: 473753

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.6	51.6
64	51.6	23.8	63.8





#9

Benzaldehyde

Concen: 3.32 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

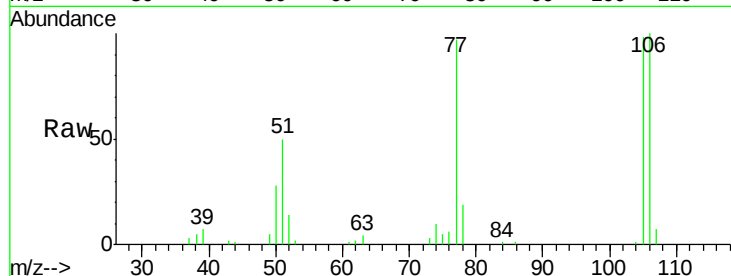
Tgt Ion: 77 Resp: 26101

Ion Ratio Lower Upper

77 100

105 100.6 83.0 123.0

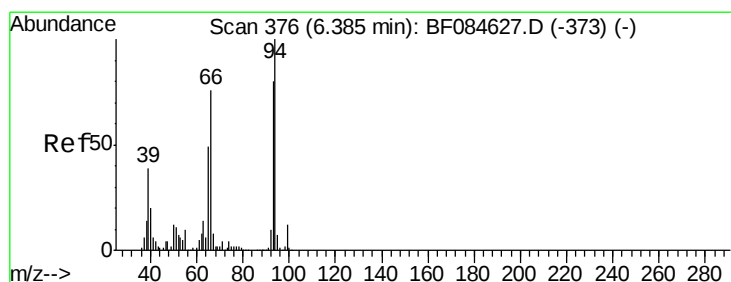
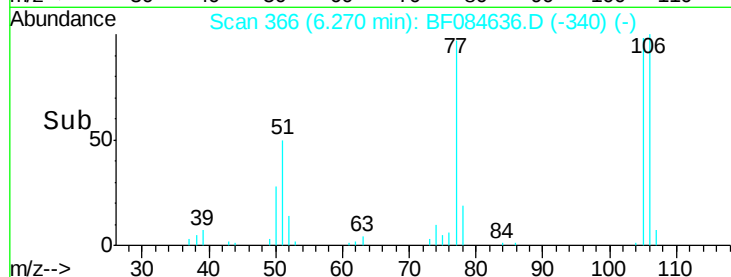
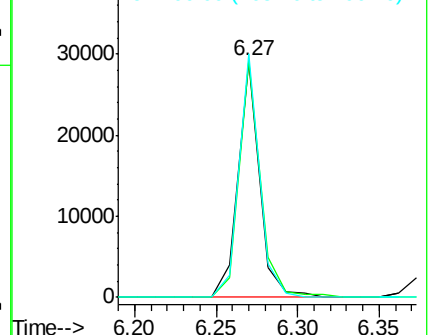
106 103.1 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.09 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

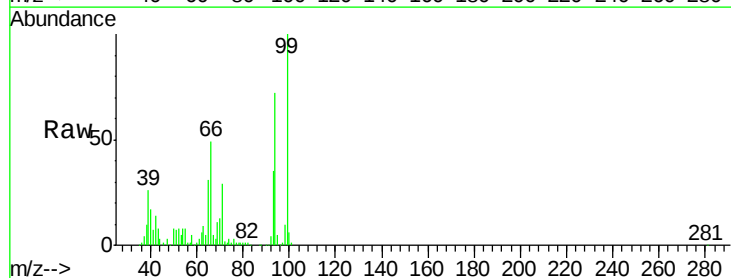
Tgt Ion: 94 Resp: 469992

Ion Ratio Lower Upper

94 100

65 42.8 12.9 52.9

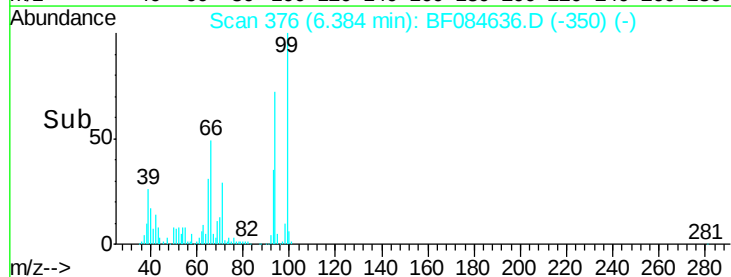
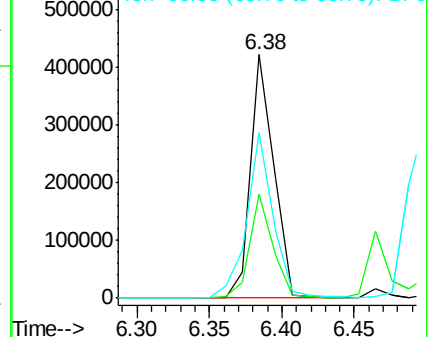
66 68.2 32.7 72.7

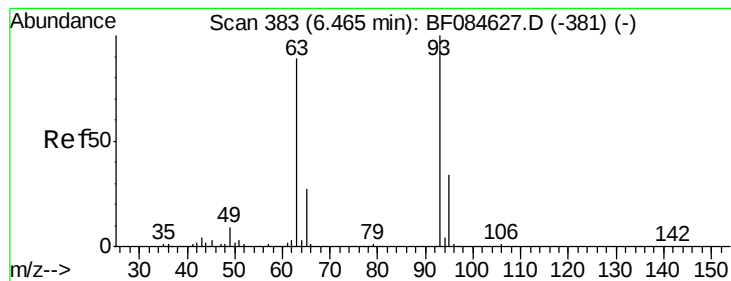


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.71 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

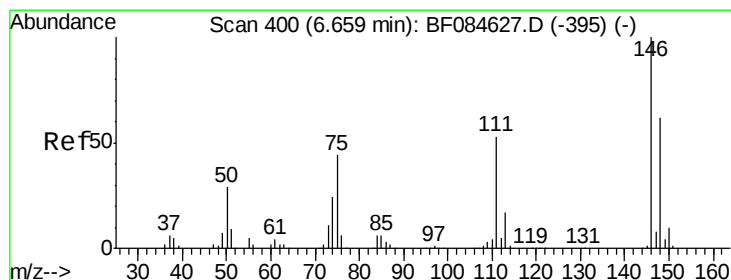
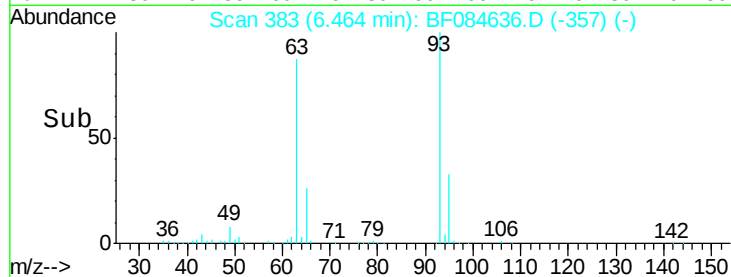
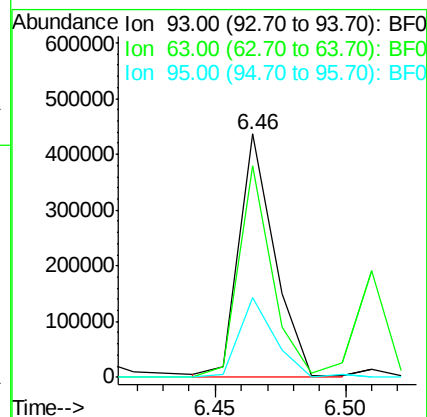
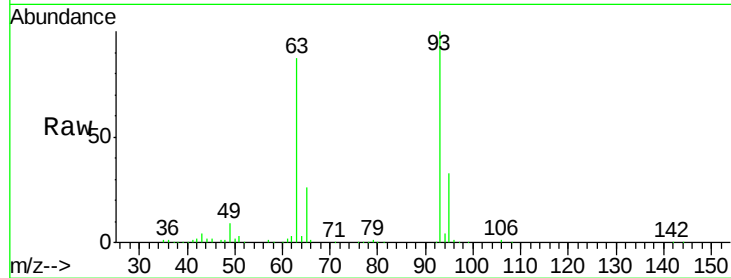
Tgt Ion: 93 Resp: 419882

Ion Ratio Lower Upper

93 100

63 87.1 45.9 85.9#

95 33.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 34.17 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.24 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

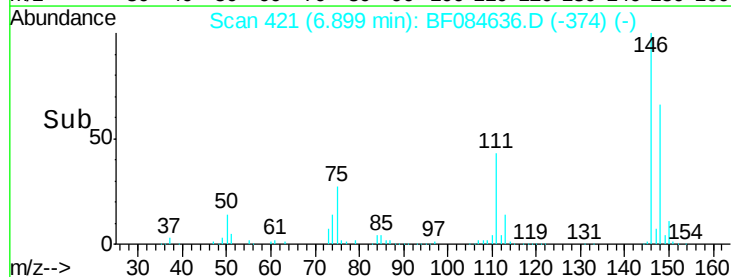
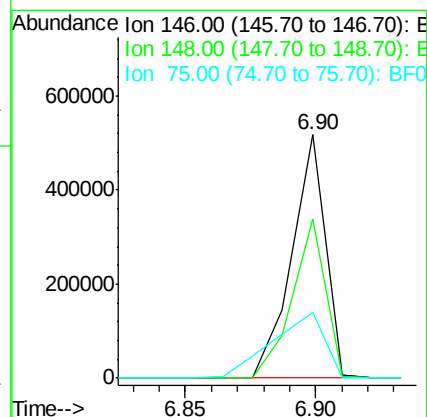
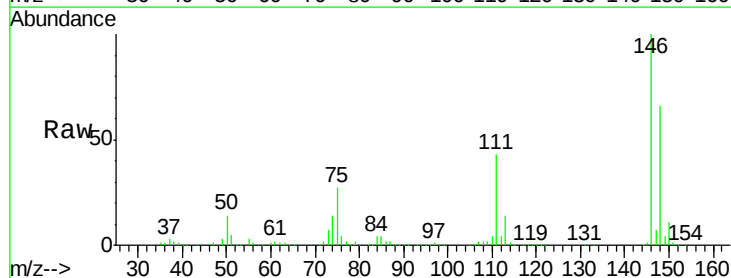
Tgt Ion: 146 Resp: 459546

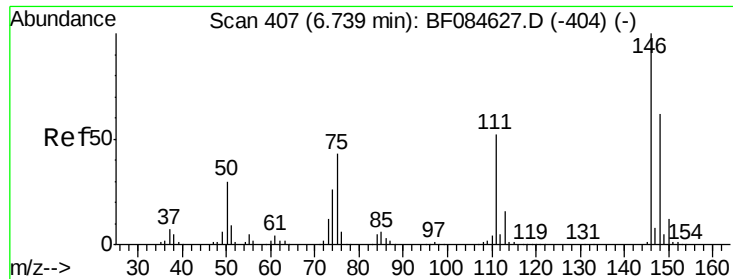
Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

75 26.8 20.5 30.7

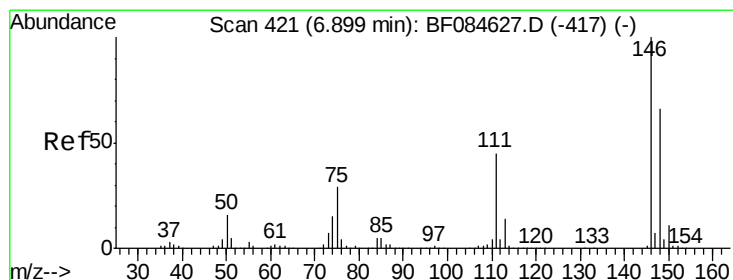
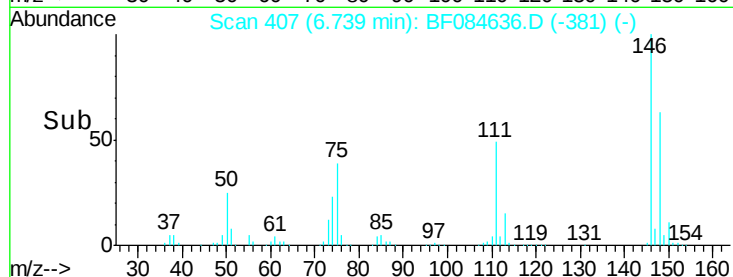
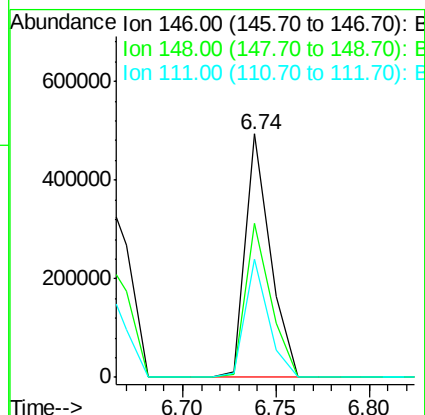
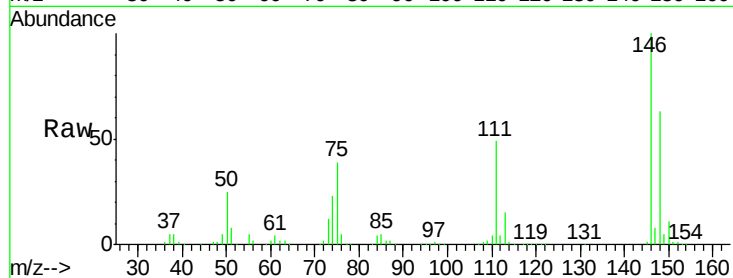




#13
 1,4-Dichlorobenzene
 Concen: 34.78 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

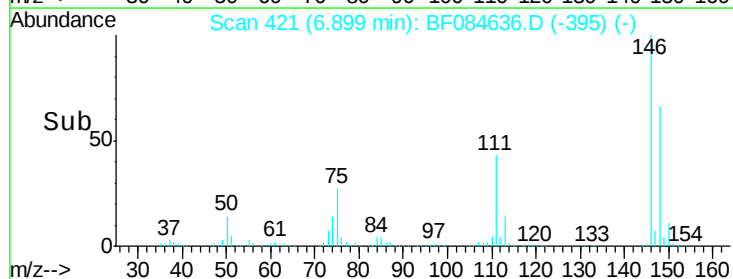
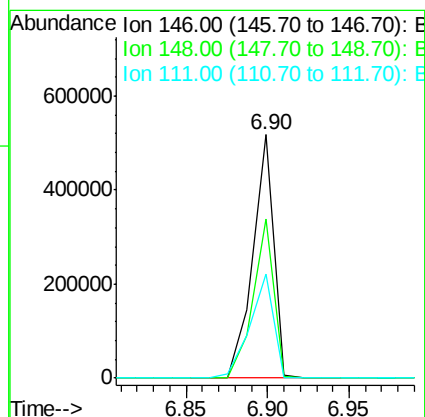
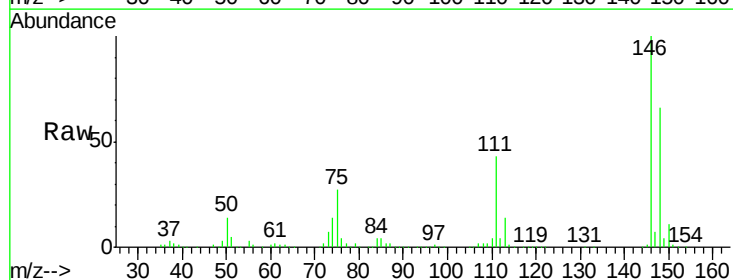
Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

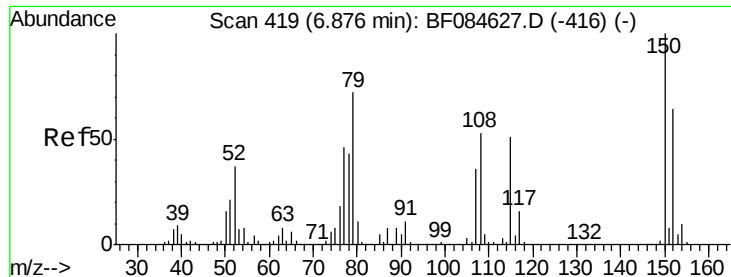
Tgt Ion:146 Resp: 459076
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 48.6 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 37.84 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion:146 Resp: 459852
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.6 77.4
 111 42.6 38.0 57.0





#15

Benzyl Alcohol

Concen: 39.58 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleID :

PB88072BS

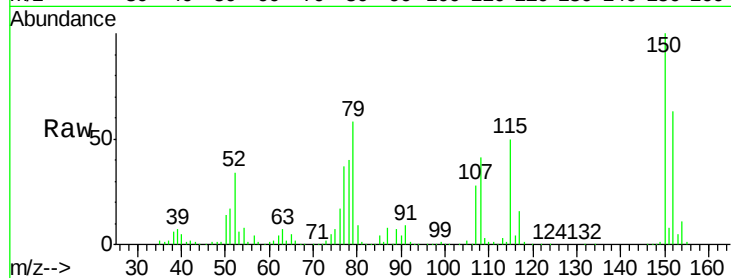
Tgt Ion: 79 Resp: 365419

Ion Ratio Lower Upper

79 100

108 71.4 69.0 103.4

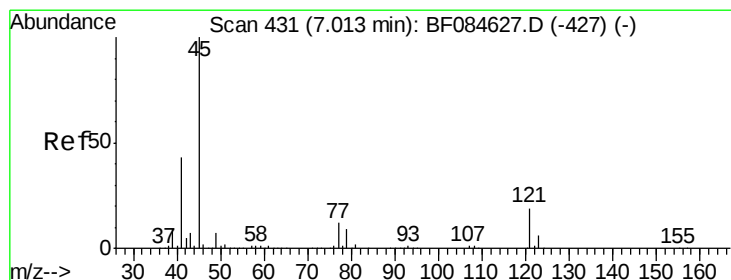
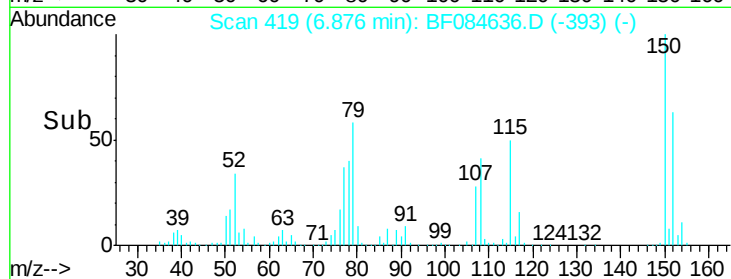
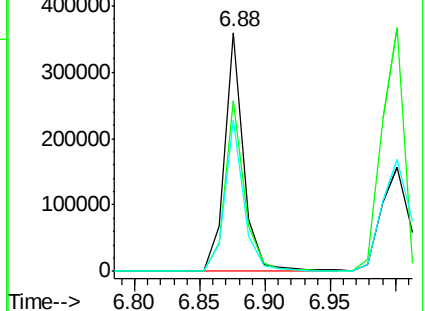
77 63.2 50.0 75.0



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: 35.00 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

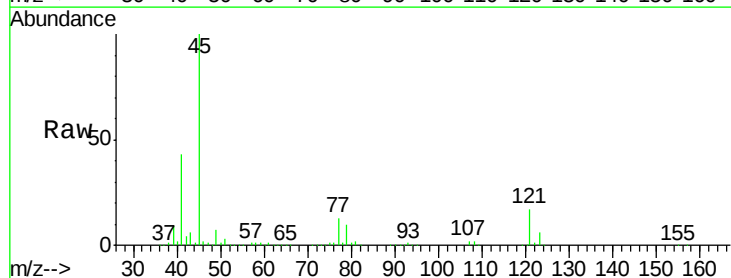
Tgt Ion: 45 Resp: 704373

Ion Ratio Lower Upper

45 100

77 12.9 0.0 39.6

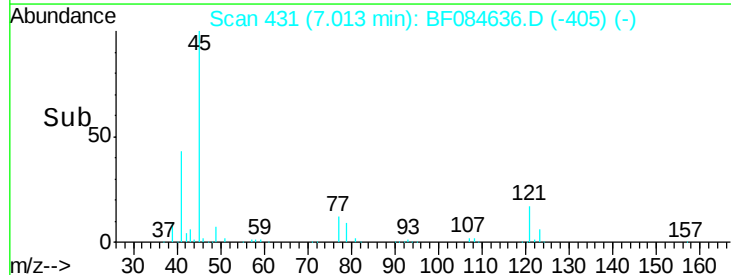
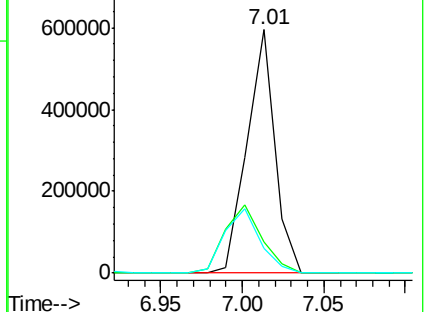
79 9.9 0.0 35.0

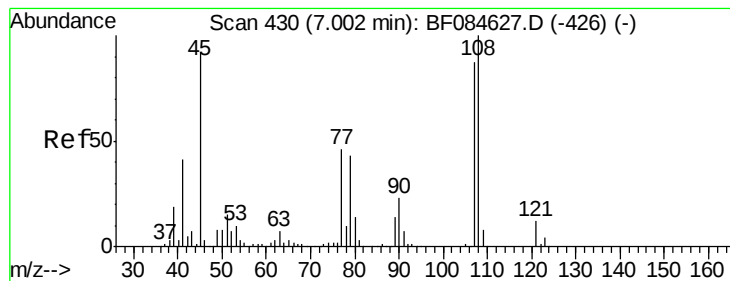


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.92 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

Tgt Ion:107 Resp: 378724

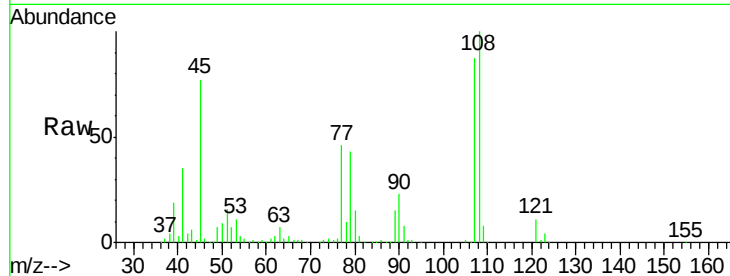
Ion Ratio Lower Upper

107 100

108 115.4 89.8 134.6

77 52.9 35.7 53.5

79 49.2 35.7 53.5

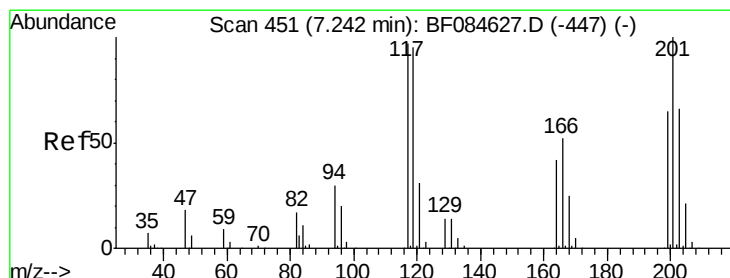
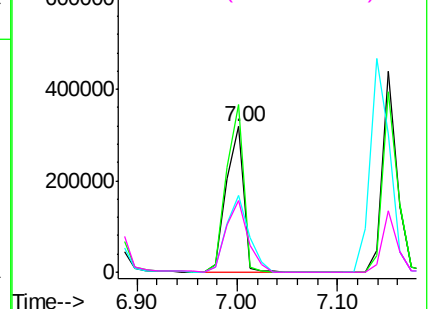
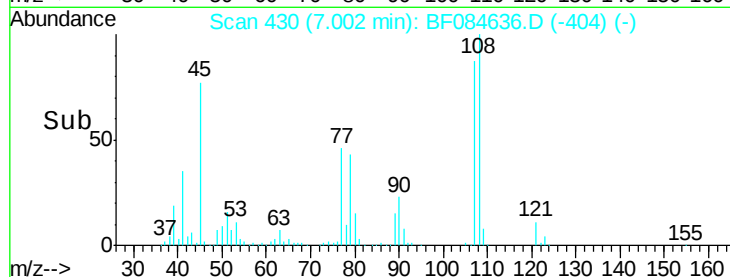


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.31 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

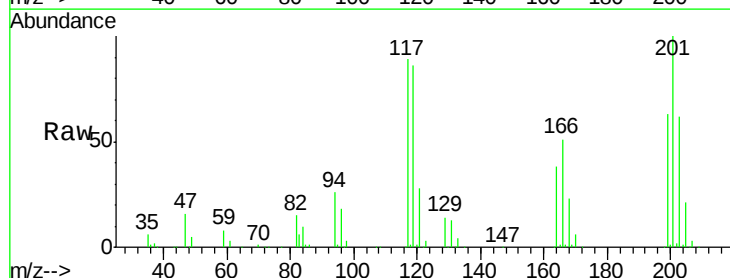
Tgt Ion:117 Resp: 187461

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0

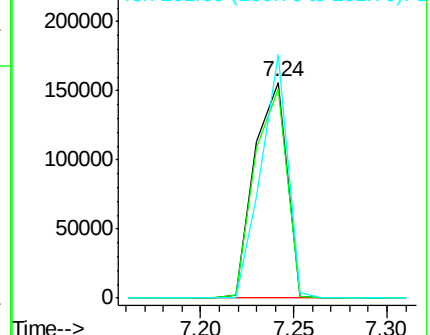
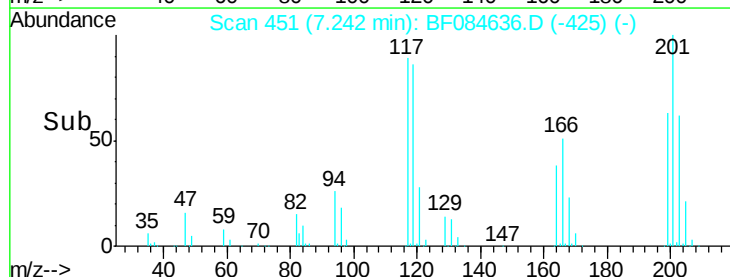
201 113.0 68.6 103.0#

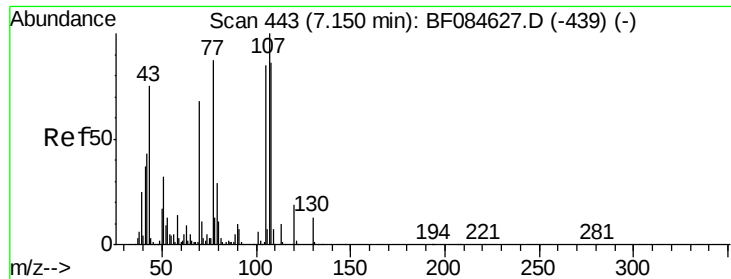


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

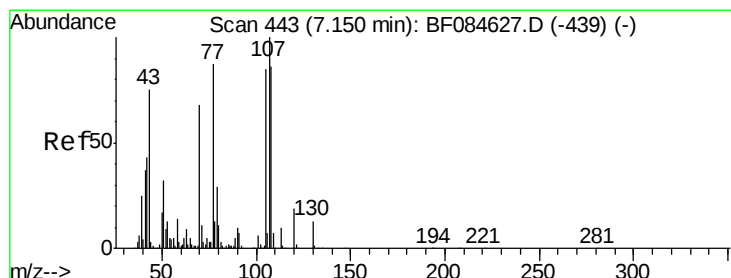
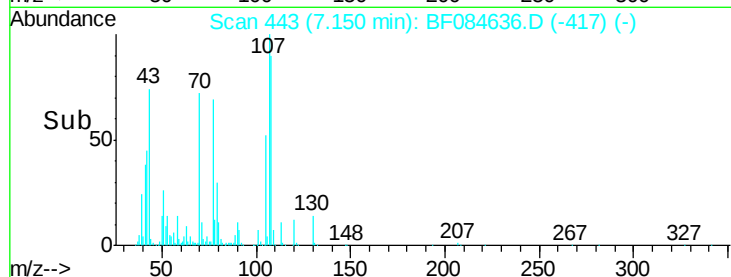
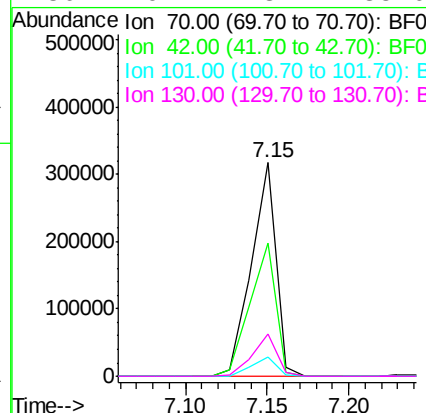
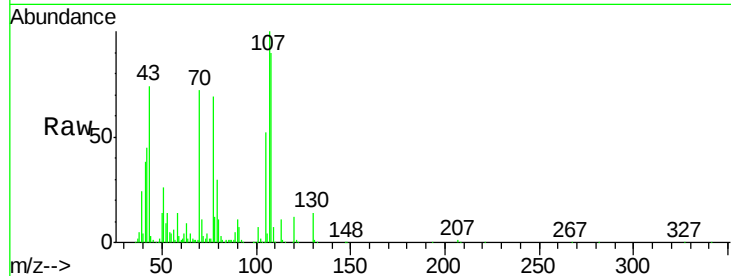




#19
n-Nitroso-di-n-propylamine
Concen: 39.97 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

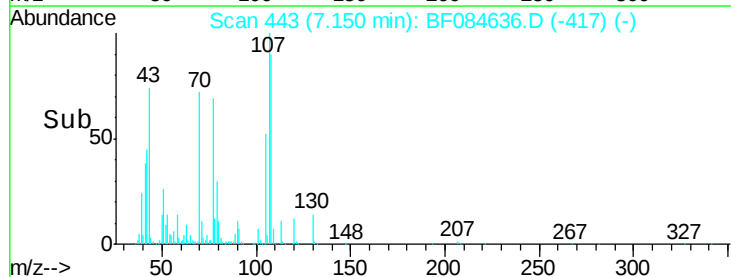
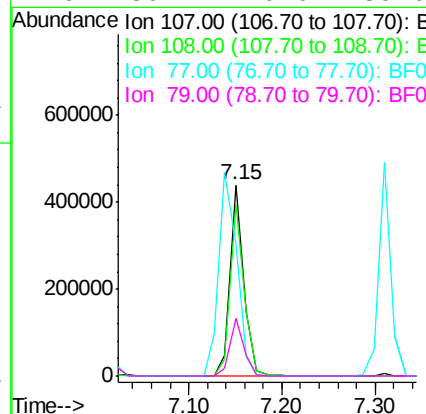
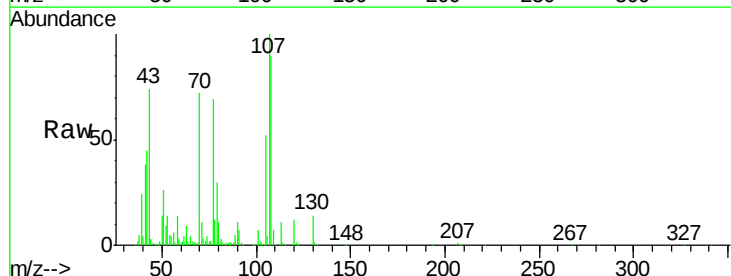
Instrument :
BNA_F
ClientSampleId :
PB88072BS

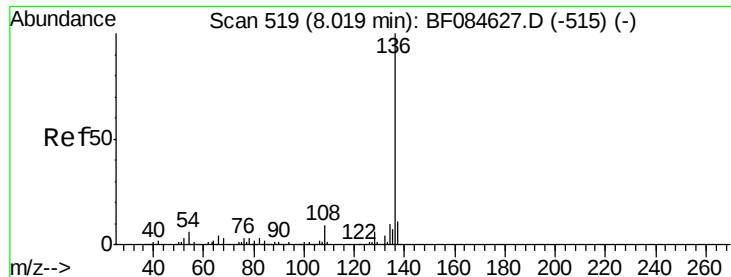
Tgt Ion:	70	Resp:	331137
Ion	Ratio	Lower	Upper
70	100		
42	62.2	33.3	49.9#
101	9.2	9.3	13.9#
130	19.7	23.4	35.0#



#20
3+4-Methylphenols
Concen: 37.76 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion:	107	Resp:	445876
Ion	Ratio	Lower	Upper
107	100		
108	89.6	74.6	114.6
77	68.9	0.7	40.7#
79	30.4	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: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

Tgt Ion:136 Resp: 669609

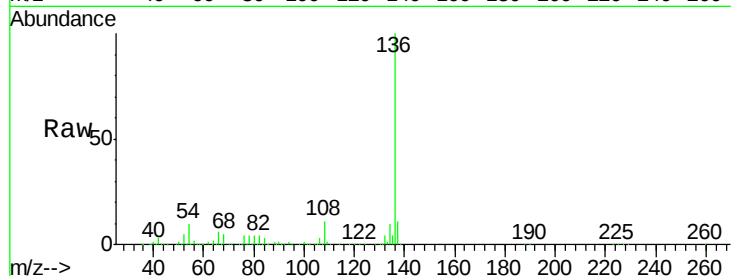
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.3 5.8 8.8#

68 5.3 4.2 6.2

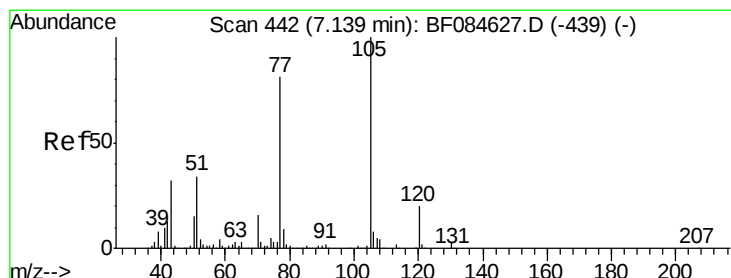
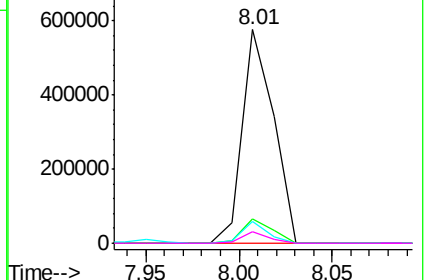
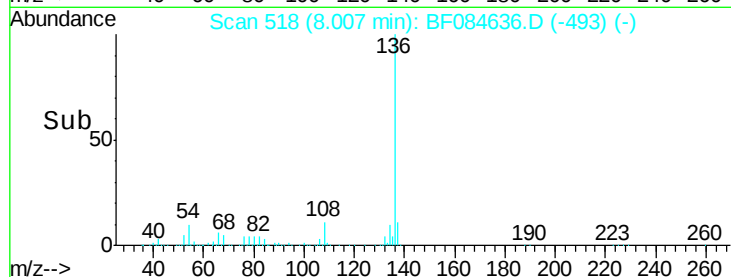


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.74 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion:105 Resp: 625012

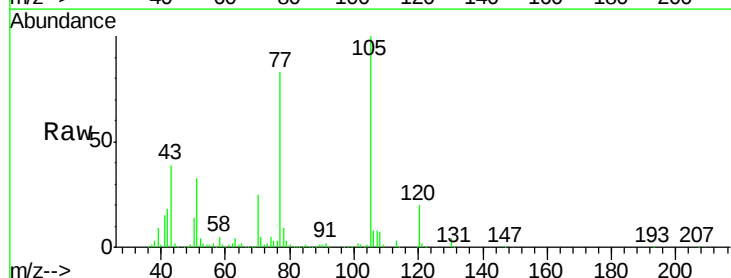
Ion Ratio Lower Upper

105 100

71 4.5 3.7 5.5

51 33.0 25.1 37.7

120 20.4 16.6 25.0

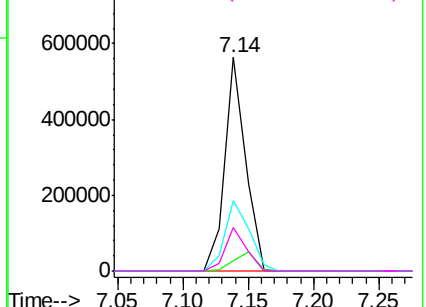
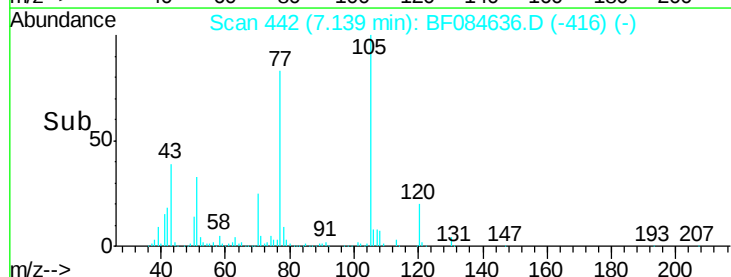


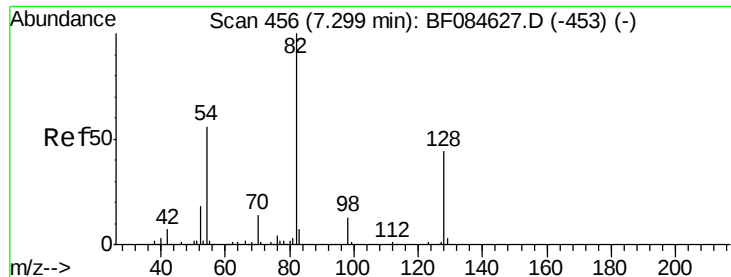
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.15 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

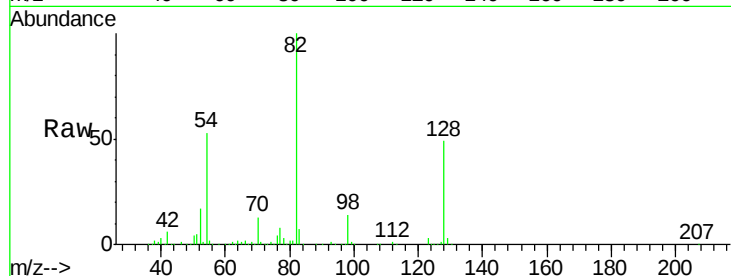
Tgt Ion: 82 Resp: 984251

Ion Ratio Lower Upper

82 100

128 48.9 34.6 51.8

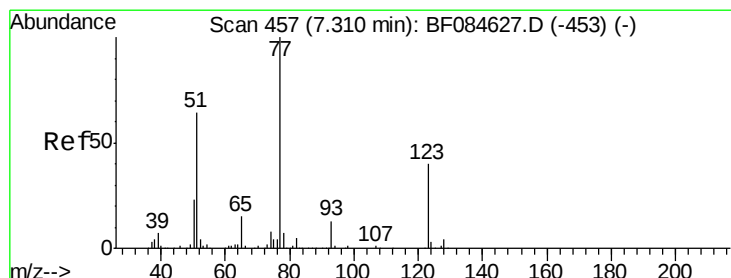
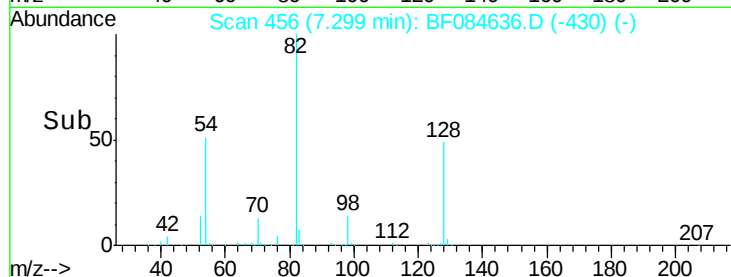
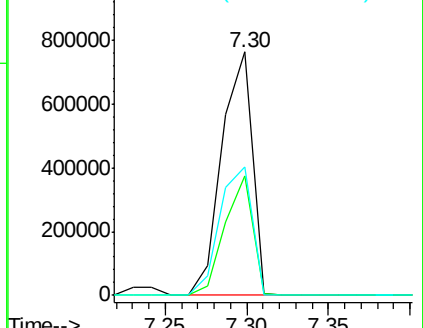
54 52.7 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.07 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

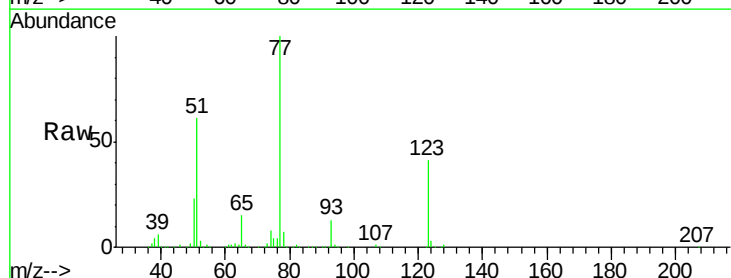
Tgt Ion: 77 Resp: 446574

Ion Ratio Lower Upper

77 100

123 41.2 37.4 56.2

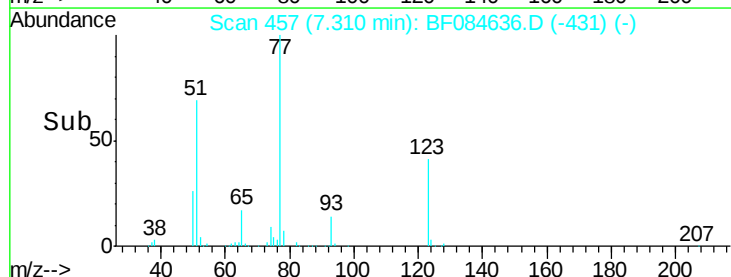
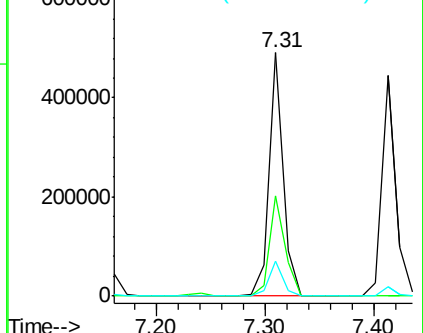
65 14.6 10.9 16.3

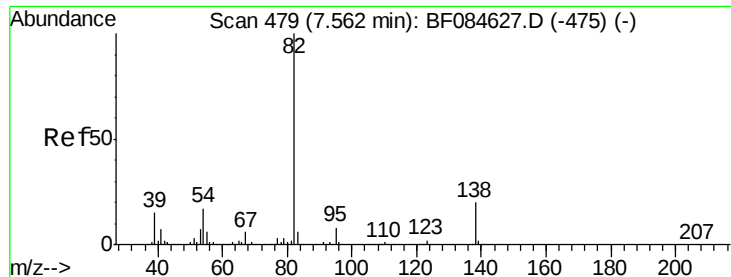


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.82 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

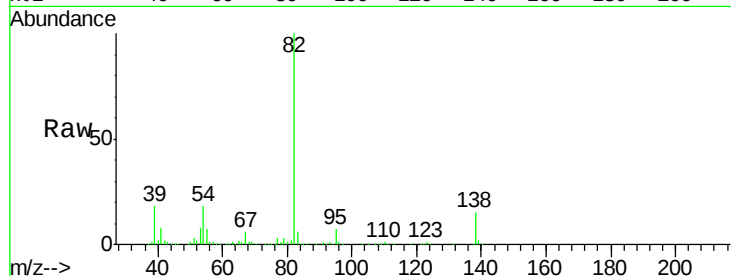
Tgt Ion: 82 Resp: 871330

Ion Ratio Lower Upper

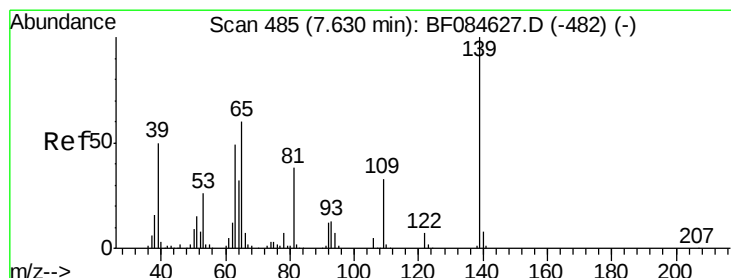
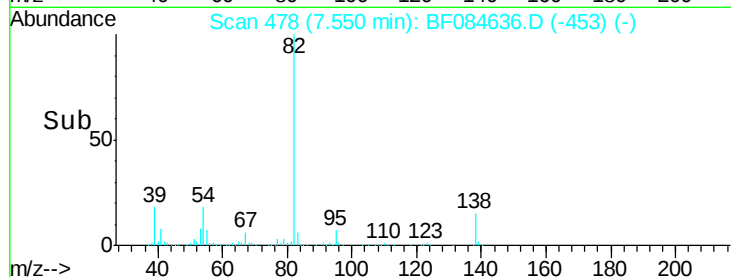
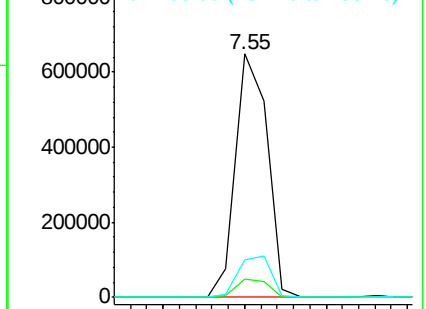
82 100

95 7.3 6.6 10.0

138 15.4 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: 40.79 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

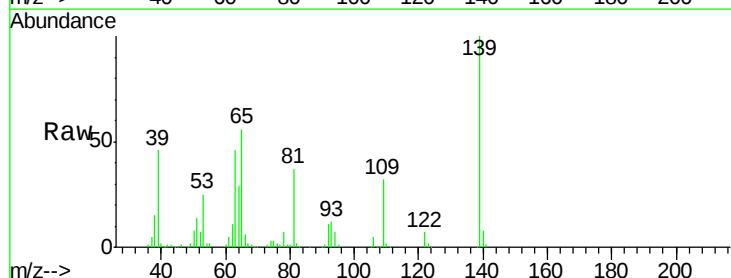
Tgt Ion: 139 Resp: 247029

Ion Ratio Lower Upper

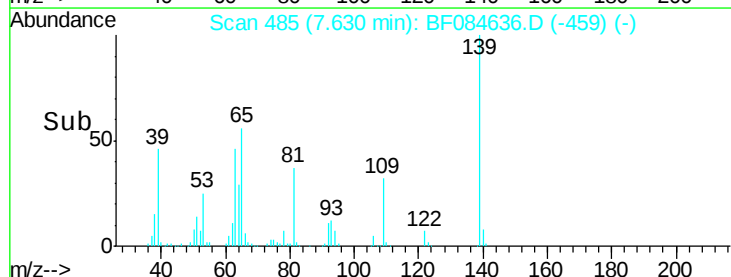
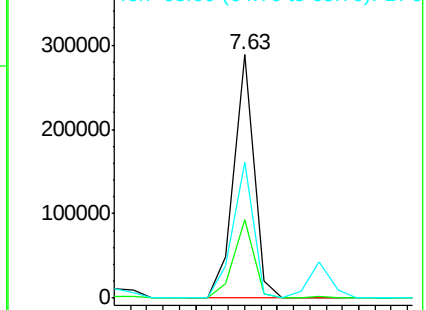
139 100

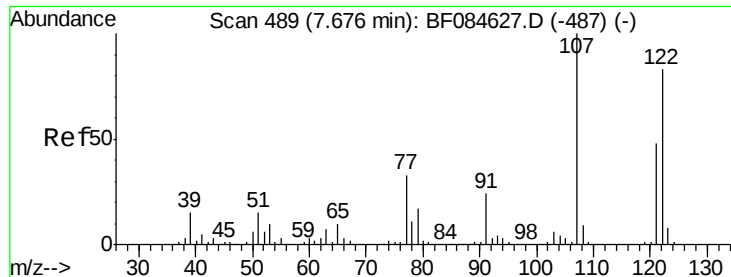
109 32.2 25.4 38.2

65 55.9 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: 39.63 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

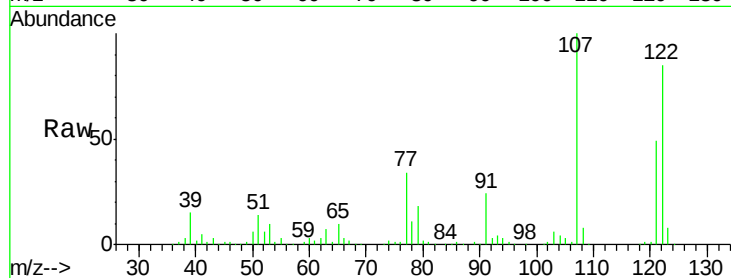
Tgt Ion:122 Resp: 420544

Ion Ratio Lower Upper

122 100

107 117.0 99.1 148.7

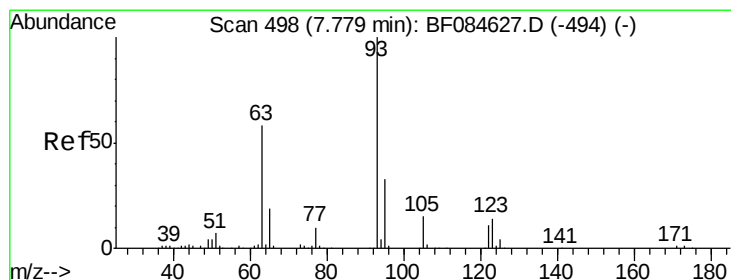
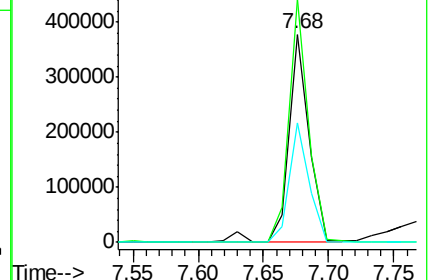
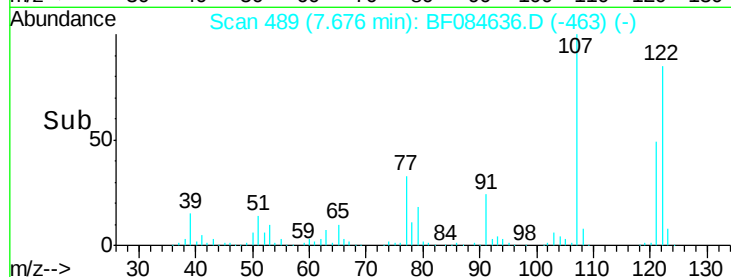
121 57.2 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.41 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

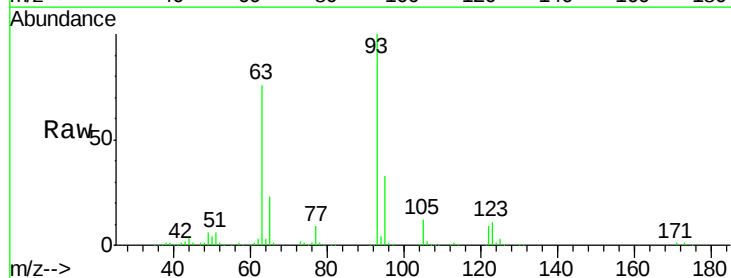
Tgt Ion: 93 Resp: 517443

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

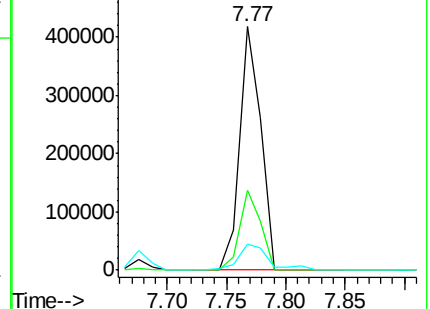
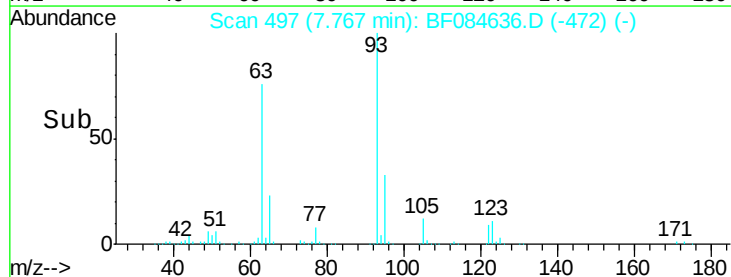
123 10.6 8.6 12.8

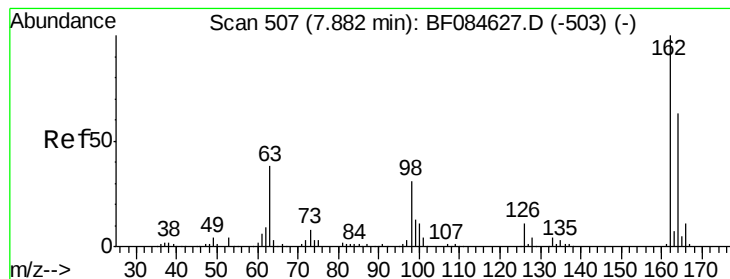


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.39 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

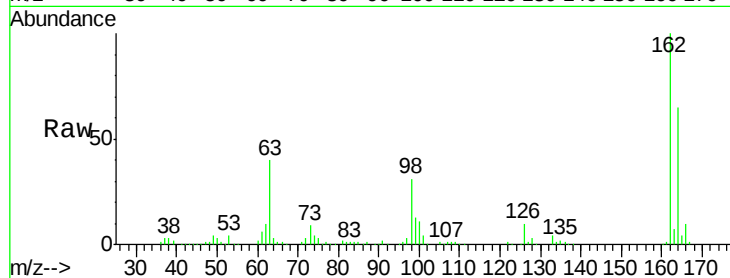
Tgt Ion:162 Resp: 393420

Ion Ratio Lower Upper

162 100

164 64.8 44.1 84.1

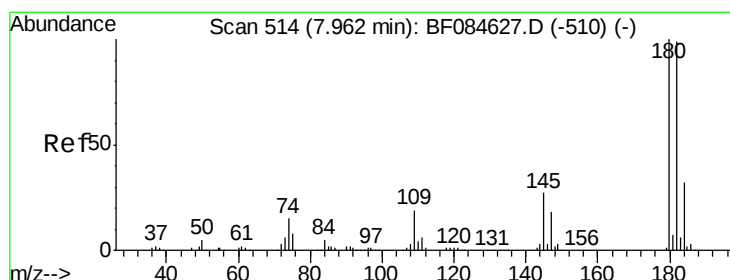
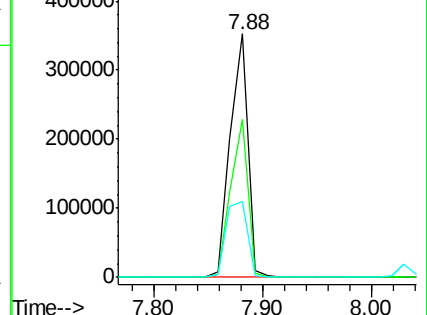
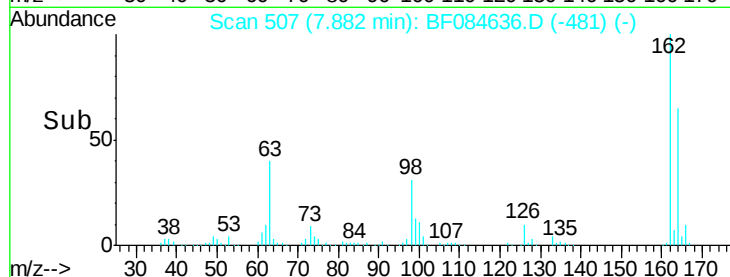
98 31.1 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.17 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

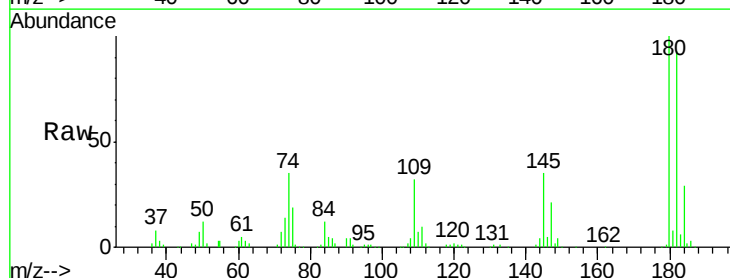
Tgt Ion:180 Resp: 394526

Ion Ratio Lower Upper

180 100

182 93.3 76.4 114.6

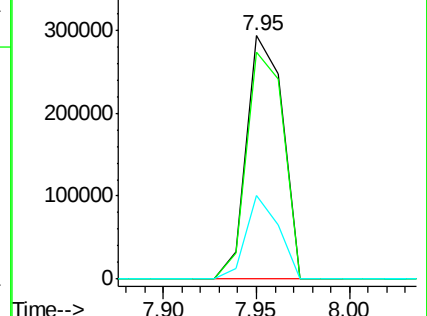
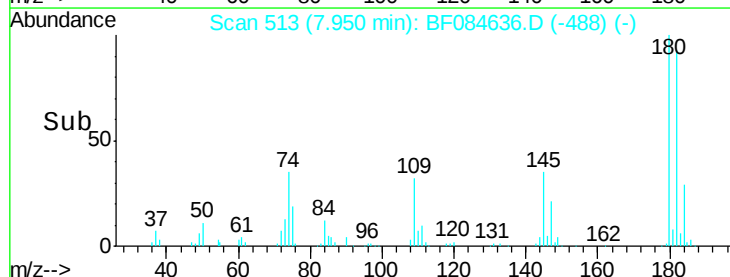
145 34.6 31.6 47.4

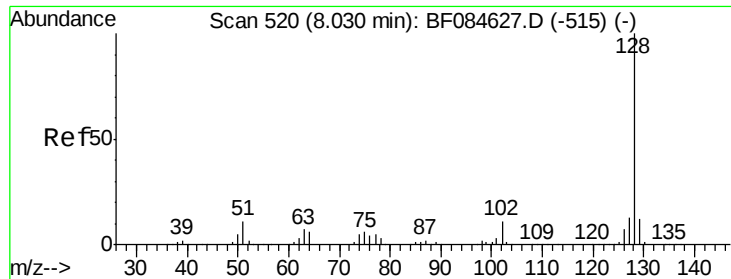


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

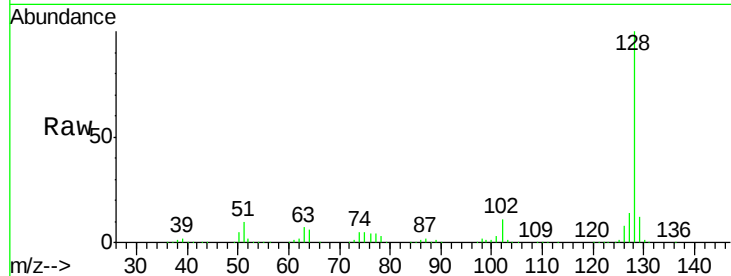




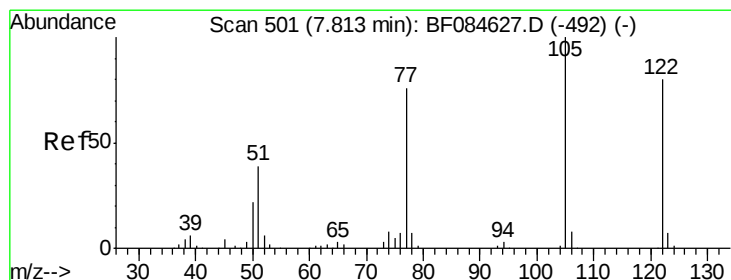
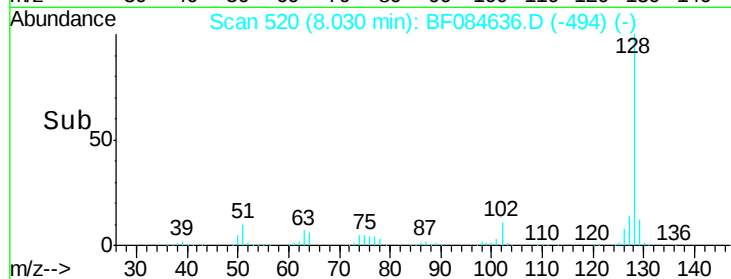
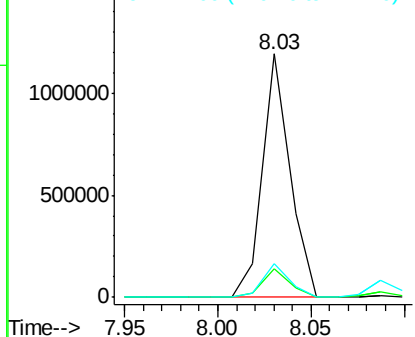
#31
Naphthalene
Concen: 35.84 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tgt Ion:128 Resp: 1211450
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.8 11.1 16.7

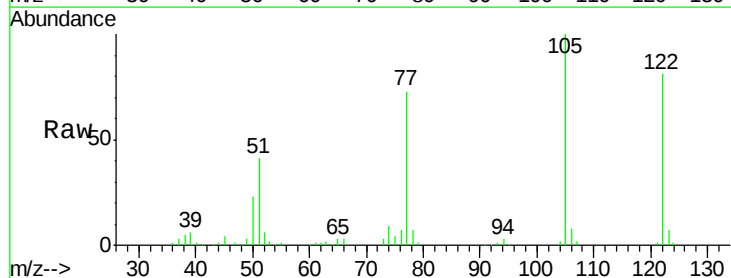


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

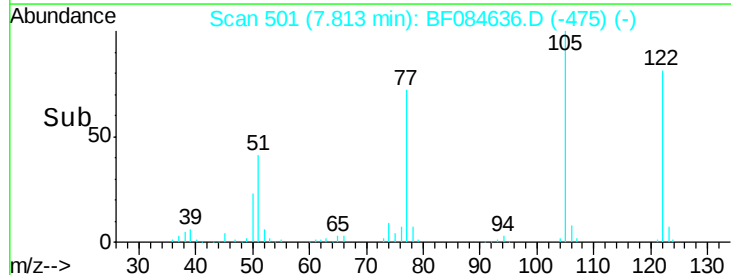
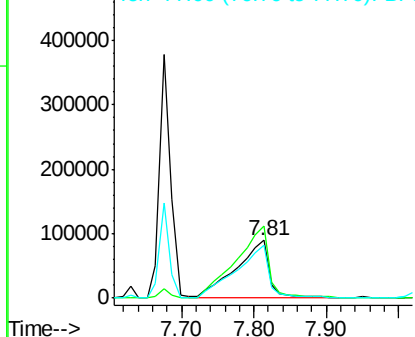


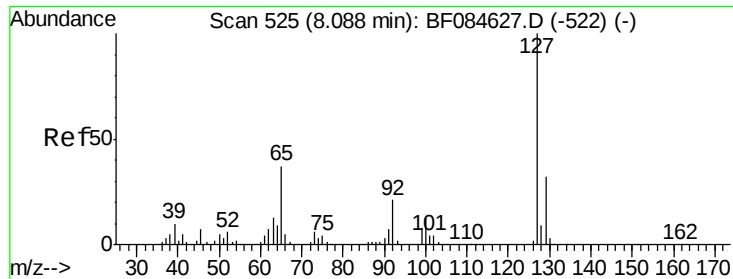
#32
Benzoic acid
Concen: 34.14 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion:122 Resp: 278143
Ion Ratio Lower Upper
122 100
105 124.1 100.3 140.3
77 91.2 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

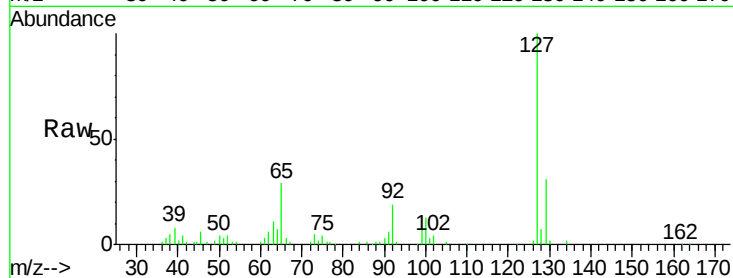




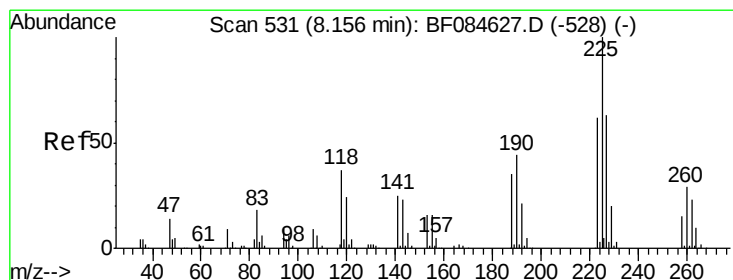
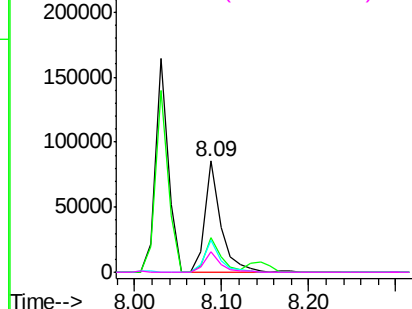
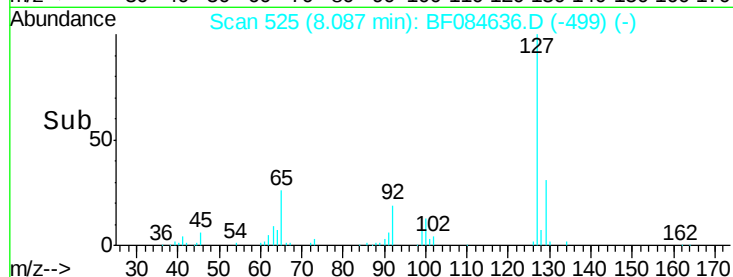
#33
4-Chloroaniline
Concen: 8.03 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tgt Ion:	127	Resp:	110447
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.5	39.7
65	28.9	27.2	40.8
92	18.6	17.7	26.5

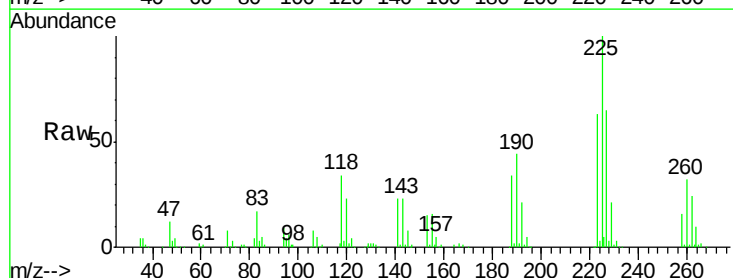


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

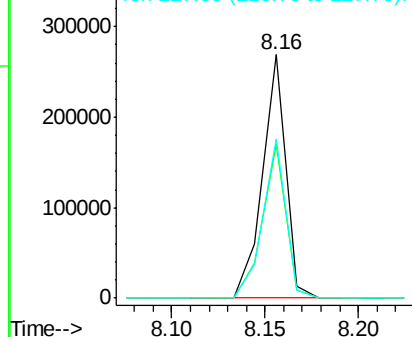
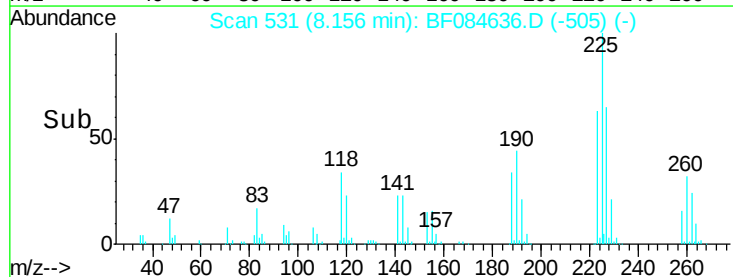


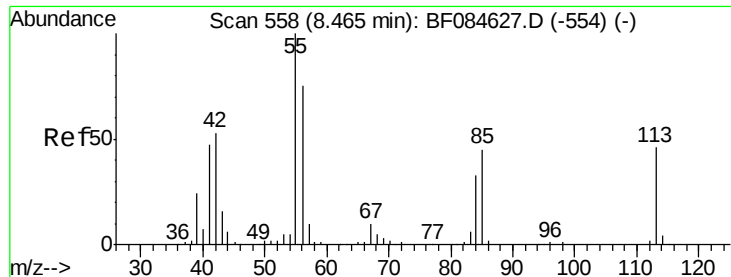
#34
Hexachlorobutadiene
Concen: 37.54 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion:	225	Resp:	235461
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	65.1	50.8	76.2



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





#35

Caprolactam

Concen: 30.34 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

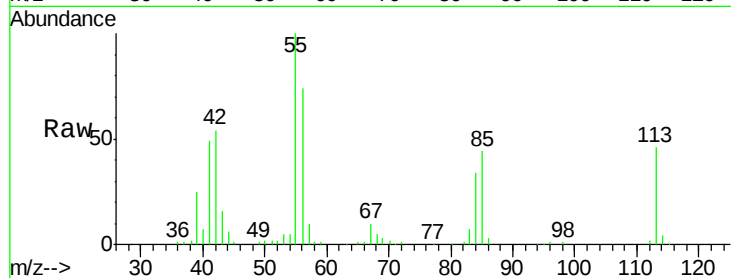
Tgt Ion:113 Resp: 80823

Ion Ratio Lower Upper

113 100

55 219.0 116.9 156.9#

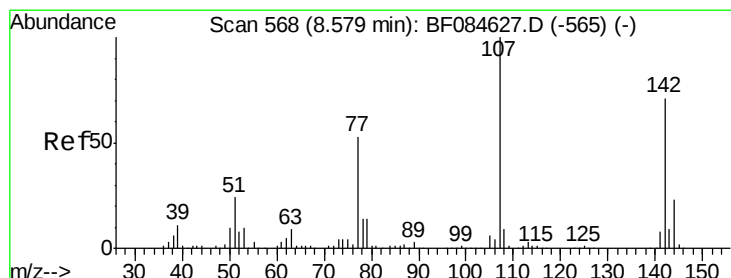
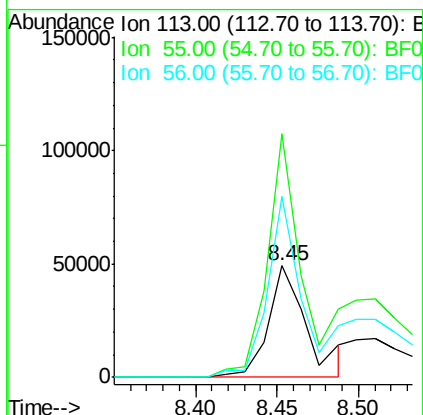
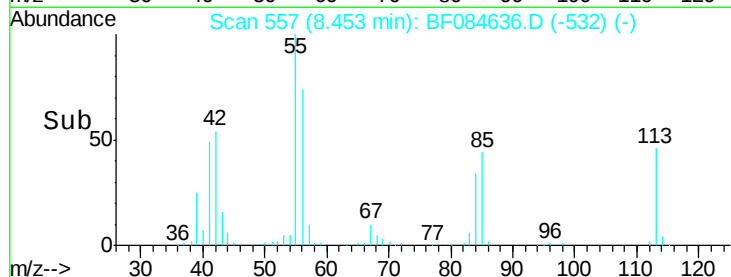
56 162.3 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.63 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

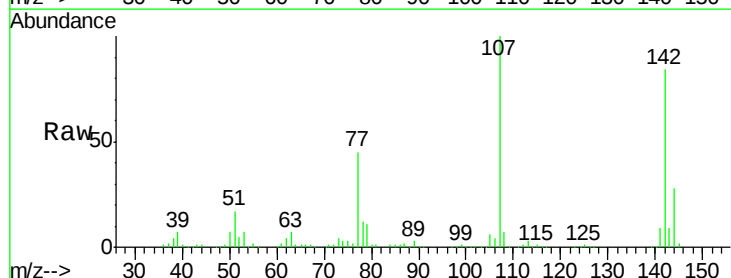
Tgt Ion:107 Resp: 445886

Ion Ratio Lower Upper

107 100

144 27.8 19.7 29.5

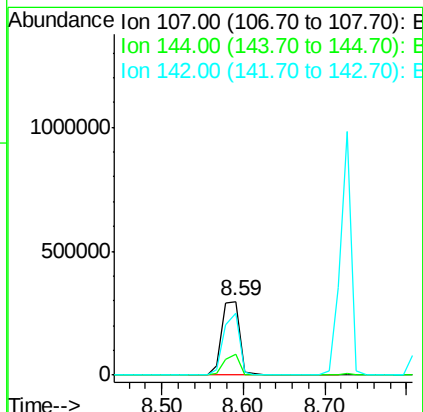
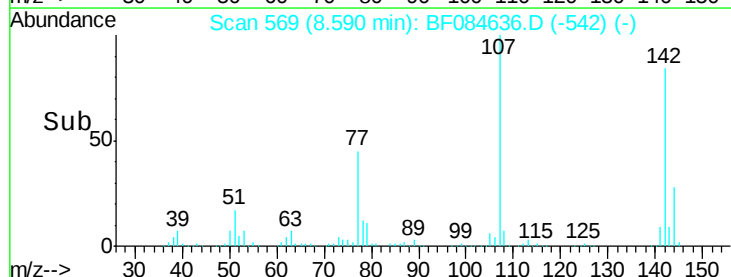
142 84.2 61.8 92.6

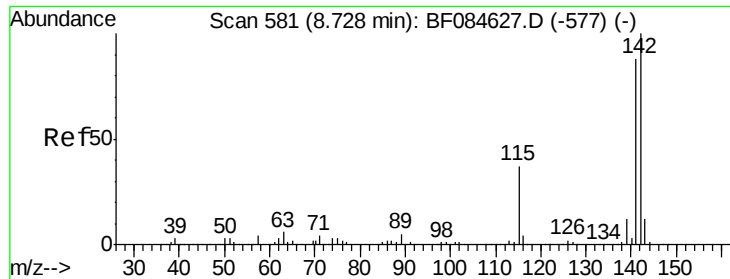


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

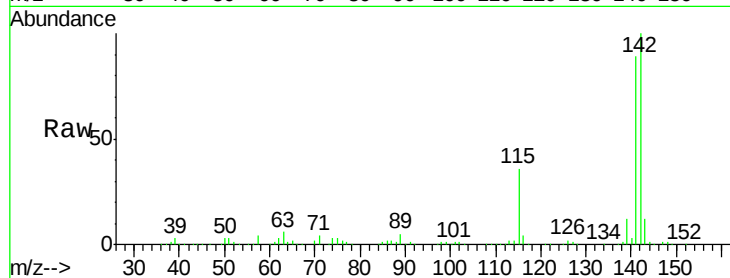




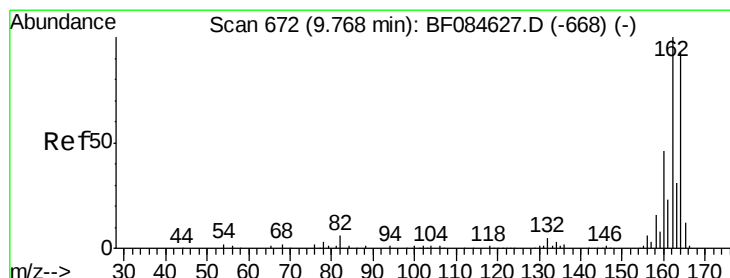
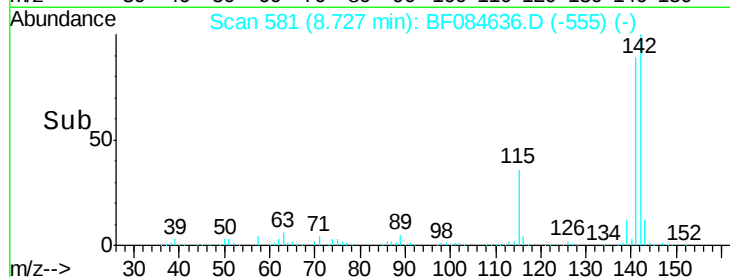
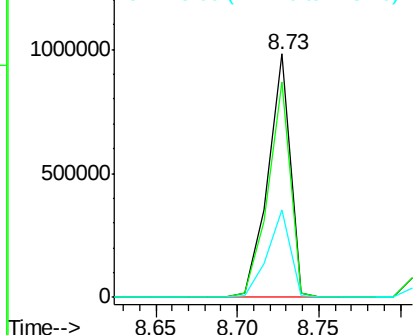
#37
2-Methylnaphthalene
Concen: 45.50 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tgt Ion:142 Resp: 944074
Ion Ratio Lower Upper
142 100
141 88.5 72.4 108.6
115 36.1 27.9 41.9

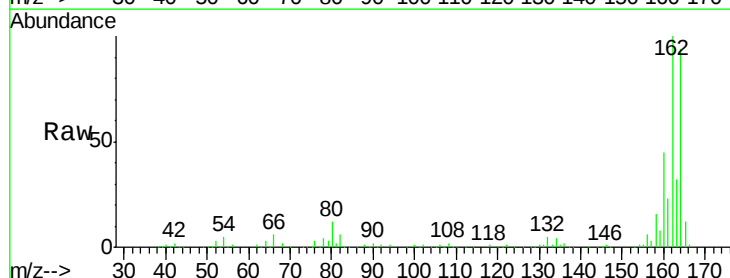


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

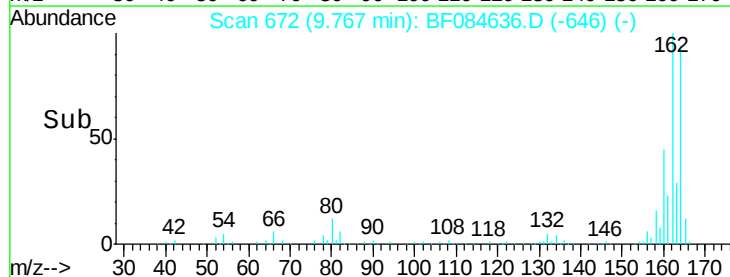
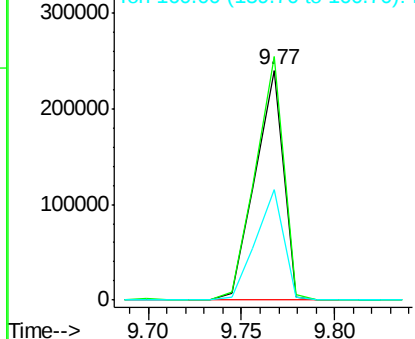


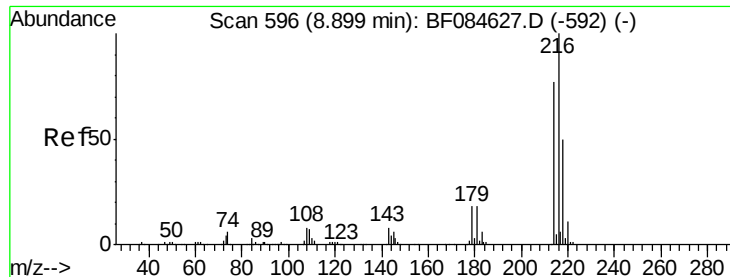
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion:164 Resp: 250754
Ion Ratio Lower Upper
164 100
162 106.0 85.1 127.7
160 48.2 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.37 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

Tgt Ion:216 Resp: 344582

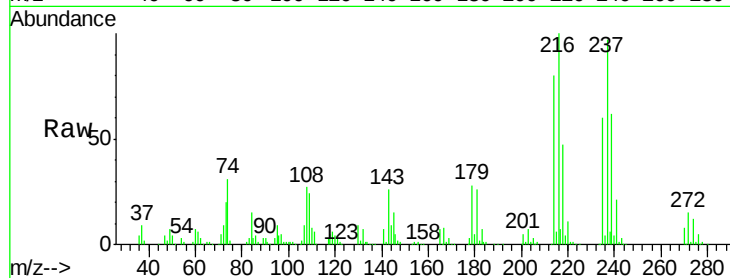
Ion Ratio Lower Upper

216 100

214 78.7 64.2 96.2

179 23.3 18.7 28.1

108 22.9 16.8 25.2

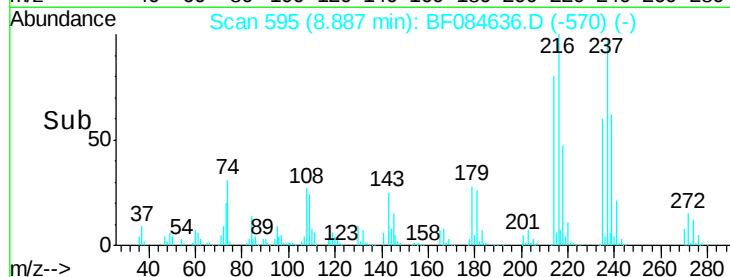


Abundance Ion 216.00 (215.70 to 216.70): E

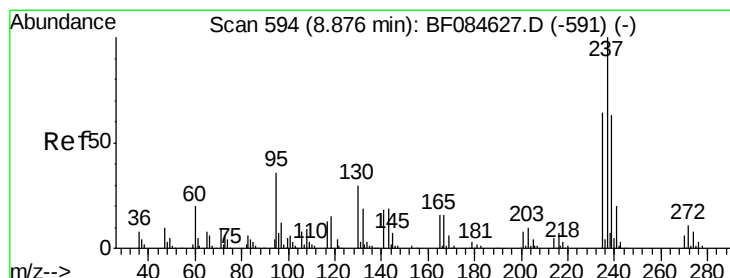
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.80 8.85 8.90 8.95



#40

Hexachlorocyclopentadiene

Concen: 110.26 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

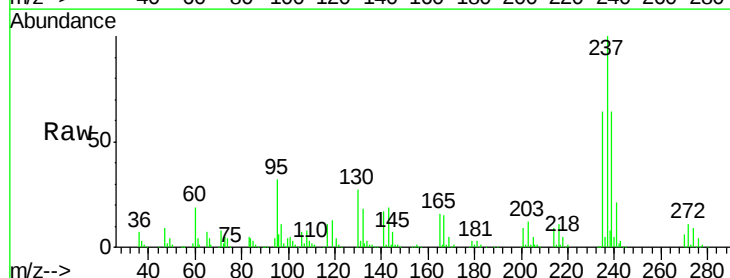
Tgt Ion:237 Resp: 407659

Ion Ratio Lower Upper

237 100

235 64.3 43.1 83.1

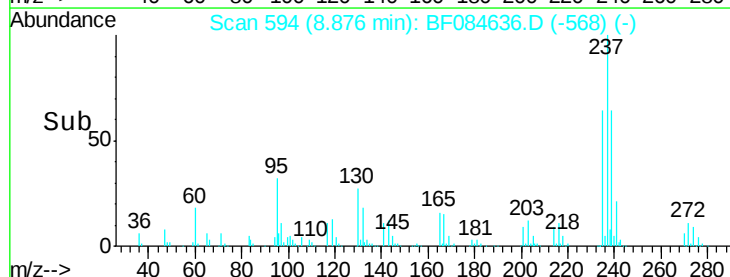
272 11.1 0.0 35.1



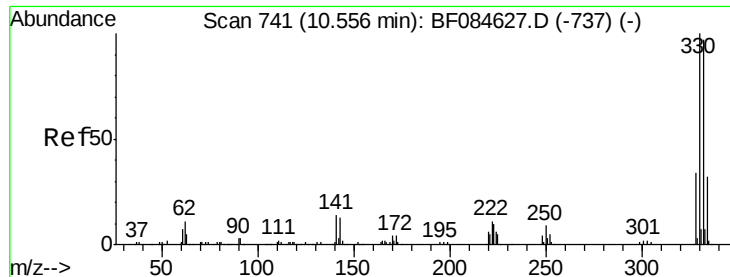
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



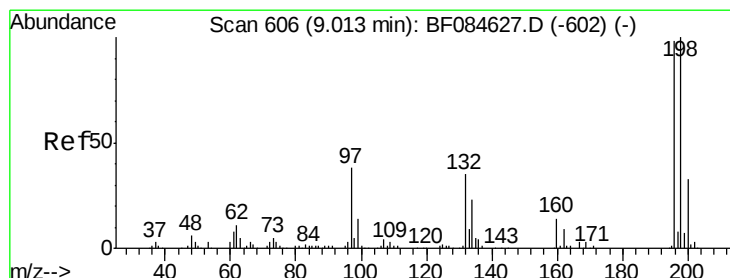
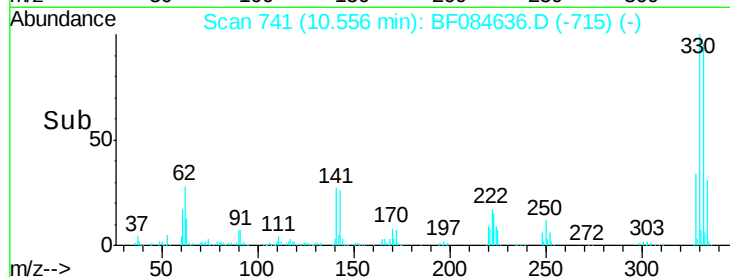
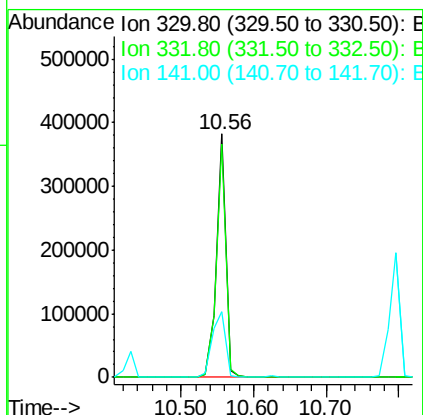
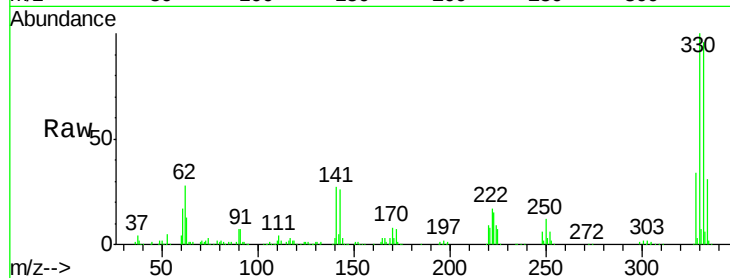
Time--> 8.85 8.90



#41
 2,4,6-Tribromophenol
 Concen: 132.02 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

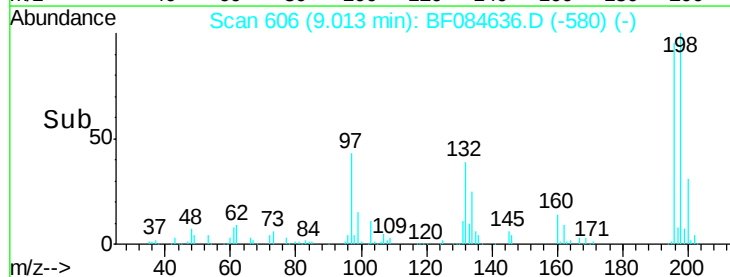
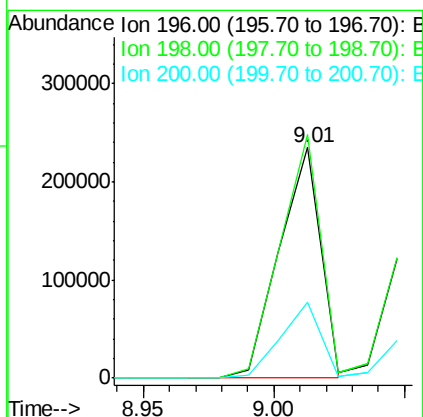
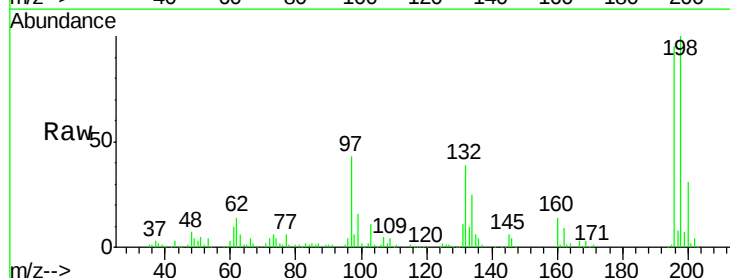
Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

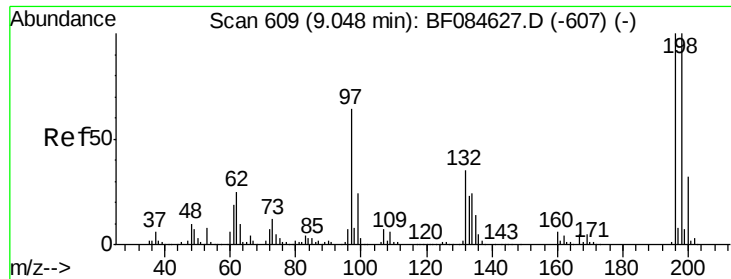
Tgt Ion:330 Resp: 346973
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 37.4 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 51.20 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion:196 Resp: 258630
 Ion Ratio Lower Upper
 196 100
 198 105.6 77.7 116.5
 200 32.7 24.6 37.0

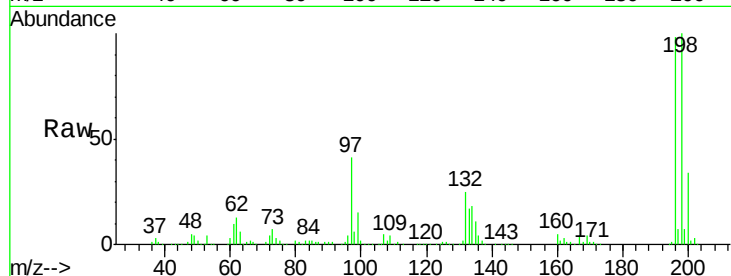




#43
 2,4,5-Trichlorophenol
 Concen: 55.51 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.8	79.0	118.6
97	41.7	33.0	49.6
132	25.6	21.1	31.7



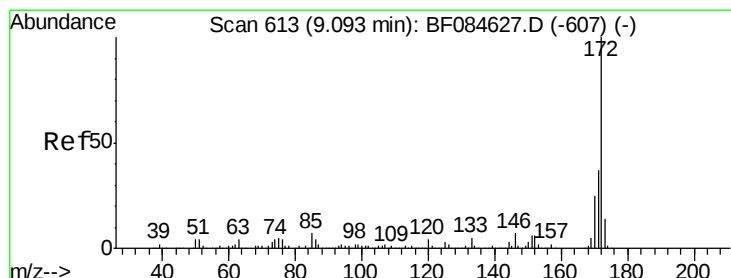
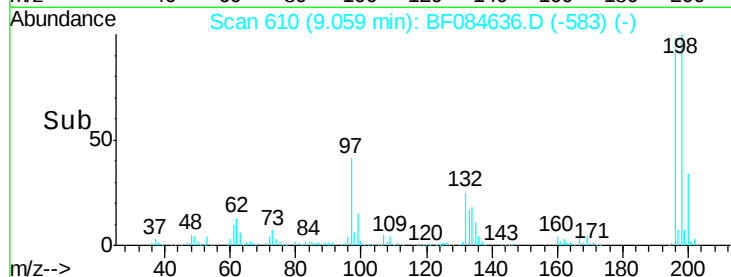
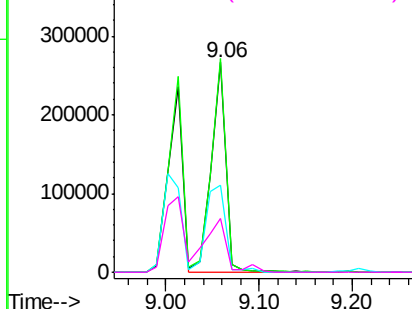
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

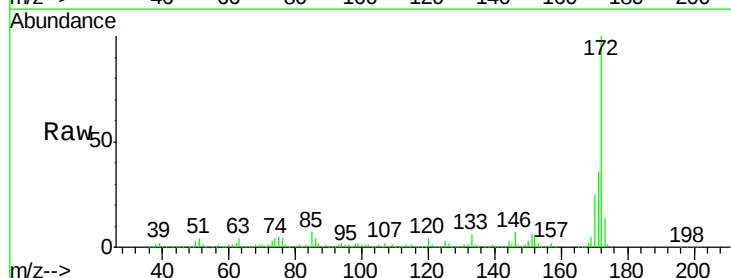
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.72 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	25.4	18.6	27.8

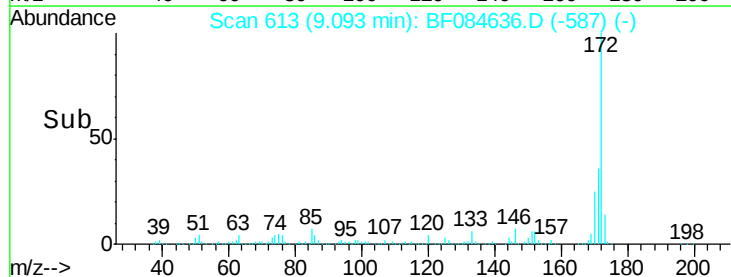
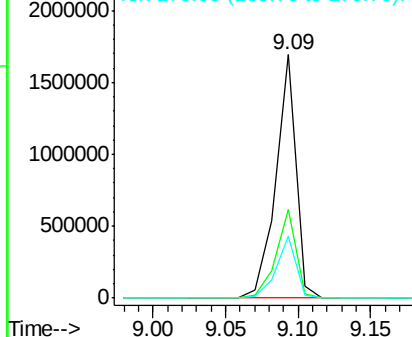


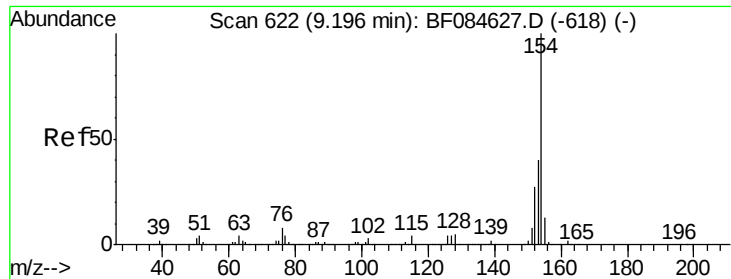
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

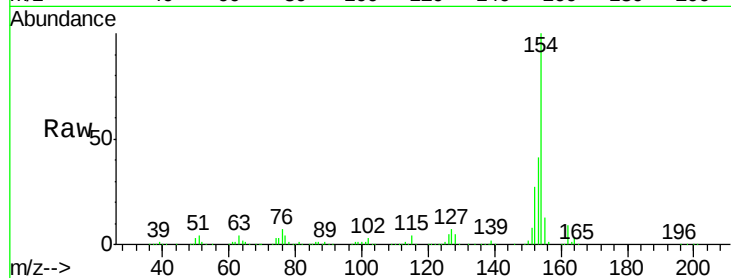




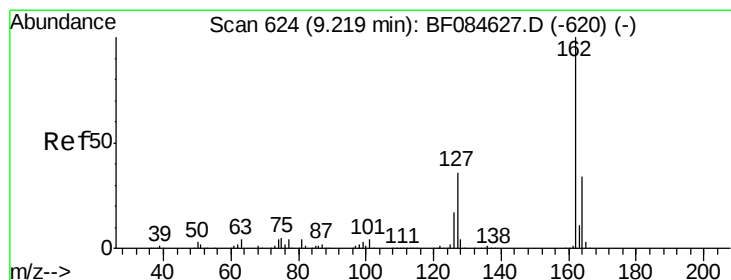
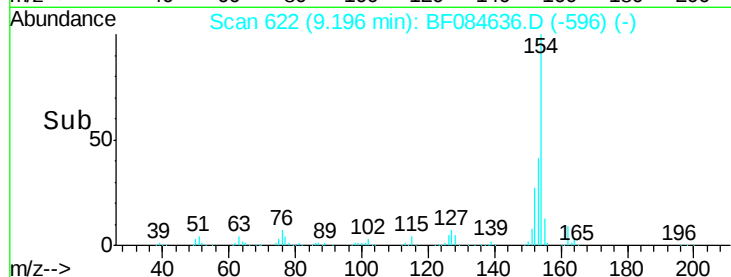
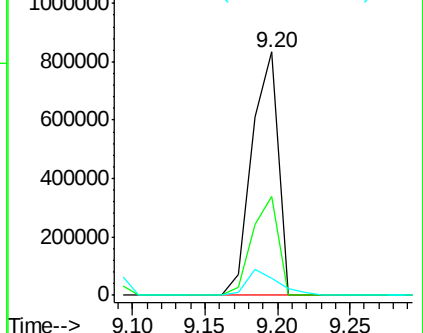
#45
 1,1'-Biphenyl
 Concen: 45.24 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Tgt Ion:154 Resp: 1039763
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.6 61.6
 76 7.1 0.0 32.7

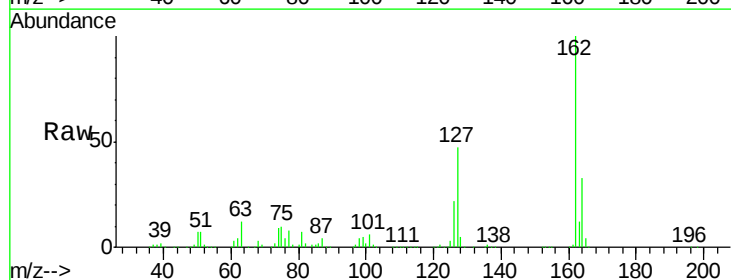


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

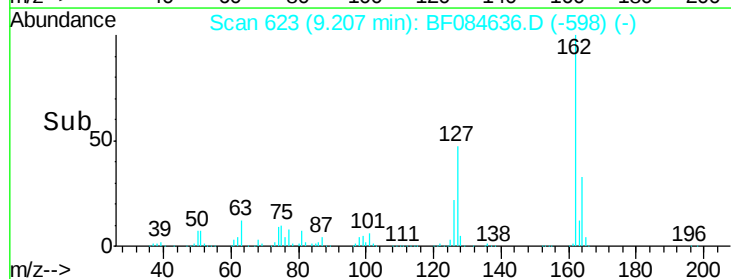
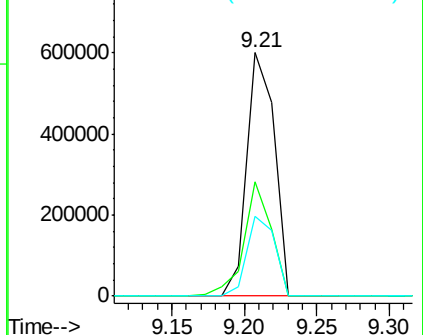


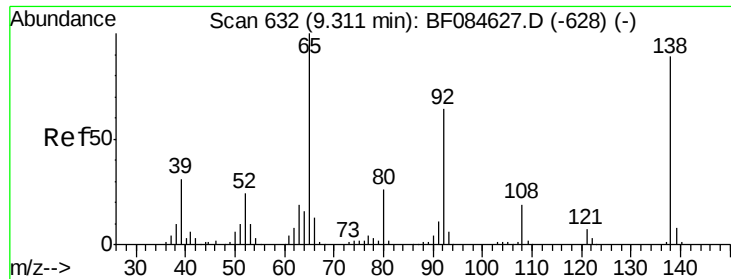
#46
 2-Chloronaphthalene
 Concen: 47.21 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion:162 Resp: 791654
 Ion Ratio Lower Upper
 162 100
 127 47.1 40.2 60.4
 164 32.8 25.7 38.5



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

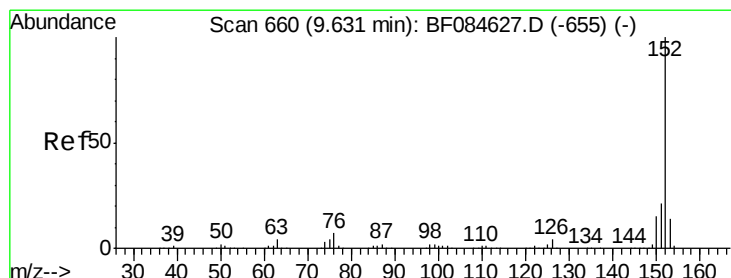
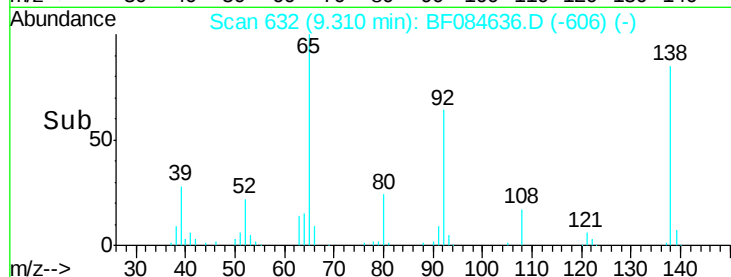
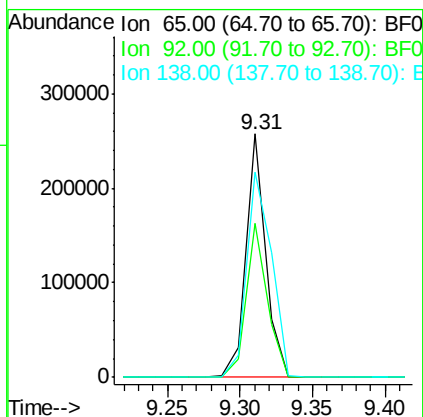
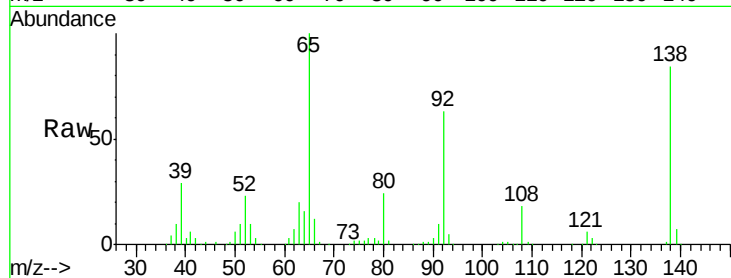




#47
2-Nitroaniline
Concen: 48.24 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

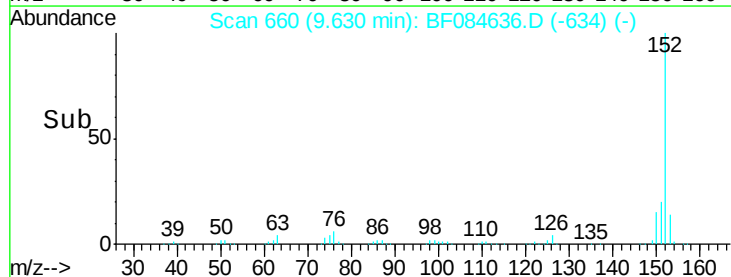
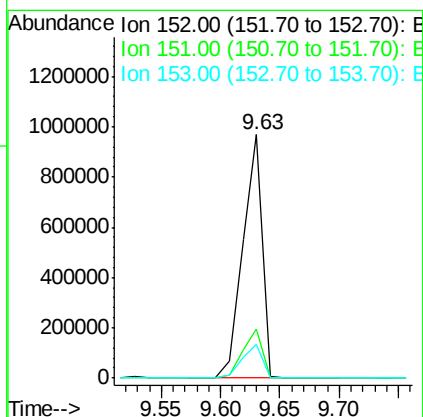
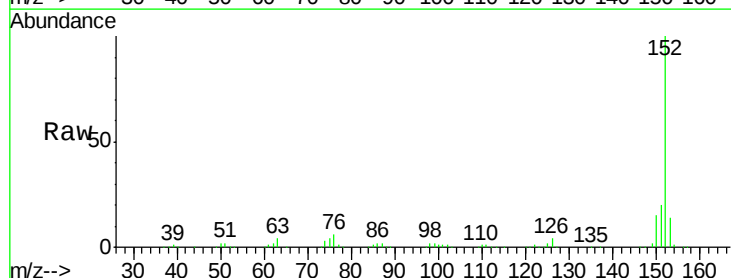
Instrument :
BNA_F
ClientSampleId :
PB88072BS

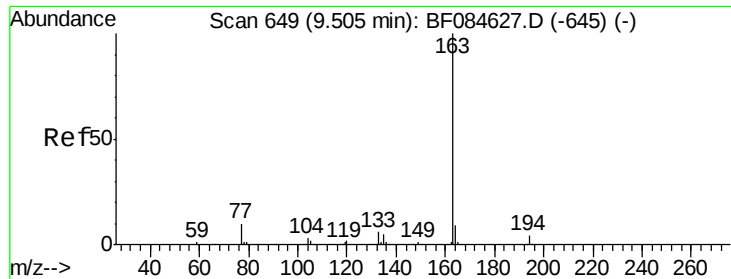
Tgt Ion: 65 Resp: 242924
Ion Ratio Lower Upper
65 100
92 63.4 53.4 80.2
138 84.5 71.1 106.7



#48
Acenaphthylene
Concen: 42.99 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion: 152 Resp: 1092280
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 14.0 10.4 15.6





#49

Dimethylphthalate

Concen: 52.22 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

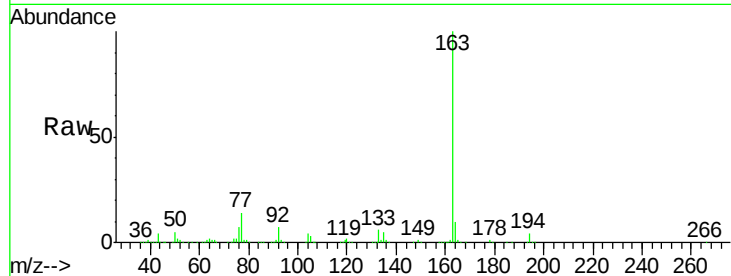
Tgt Ion:163 Resp: 982829

Ion Ratio Lower Upper

163 100

194 3.9 8.0 12.0#

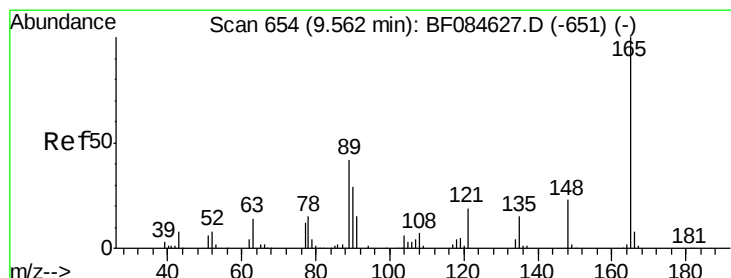
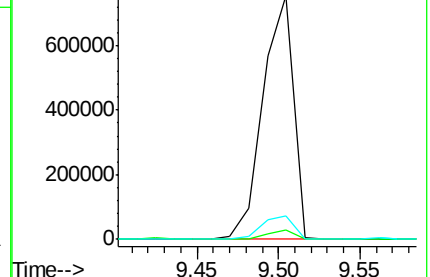
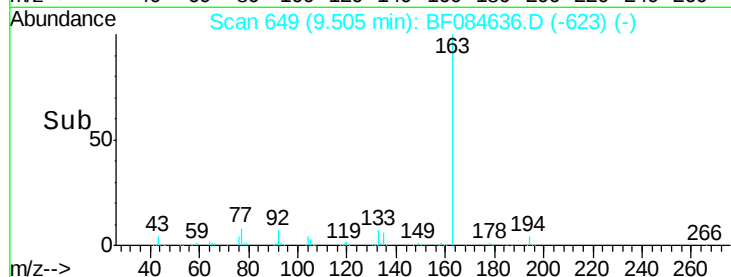
164 9.8 8.0 12.0



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: 56.56 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

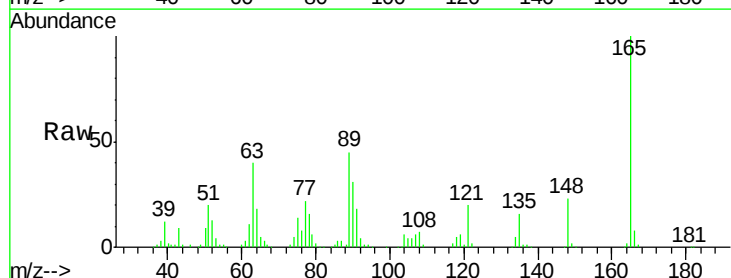
Tgt Ion:165 Resp: 234196

Ion Ratio Lower Upper

165 100

63 40.4 28.8 43.2

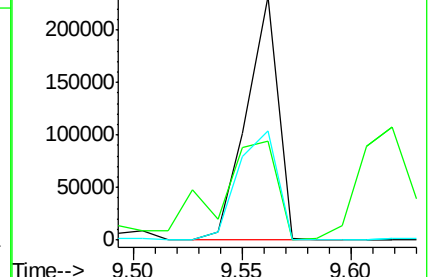
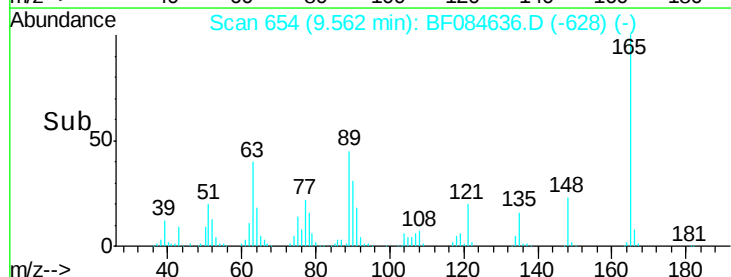
89 44.7 35.1 52.7

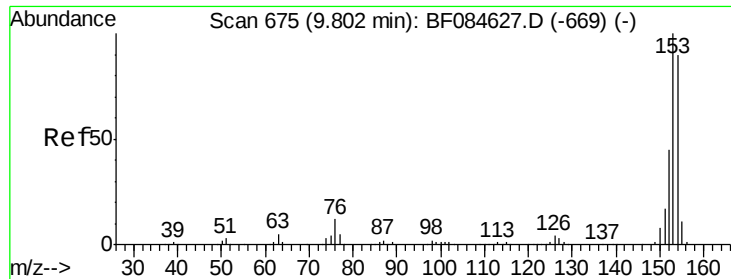


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.69 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

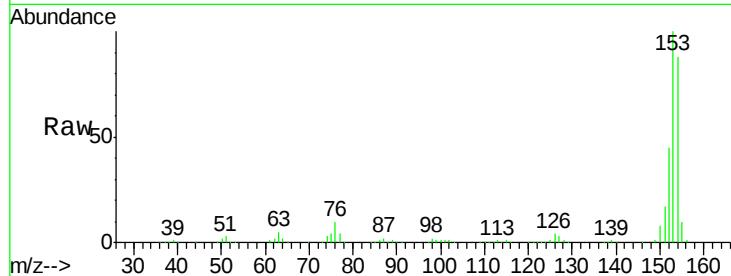
Tgt Ion:154 Resp: 692263

Ion Ratio Lower Upper

154 100

153 113.0 91.5 137.3

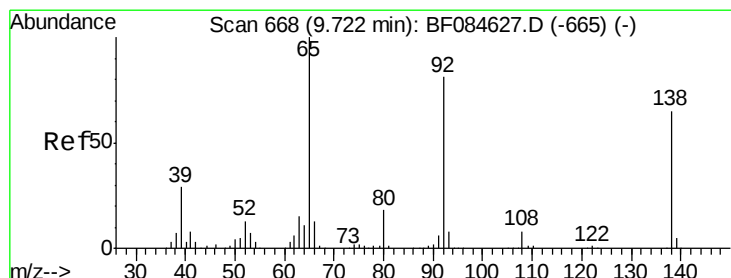
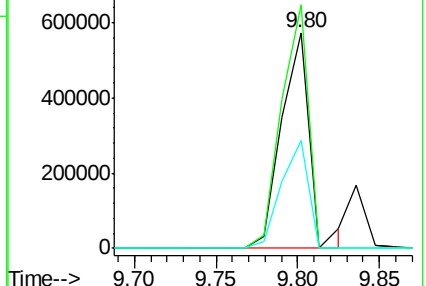
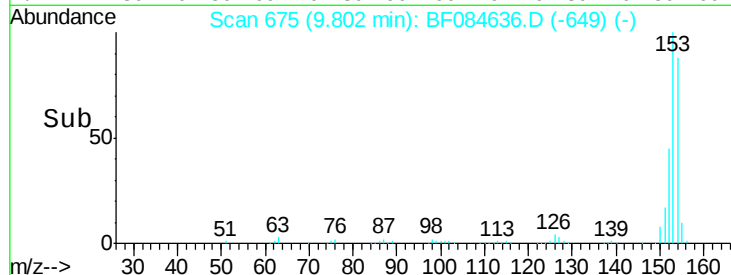
152 50.3 43.0 64.6



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: 13.44 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

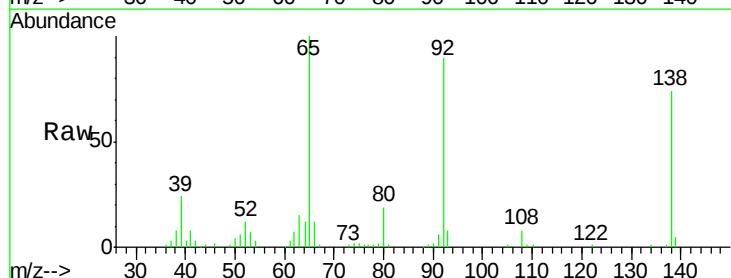
Tgt Ion:138 Resp: 58155

Ion Ratio Lower Upper

138 100

108 10.5 10.5 15.7#

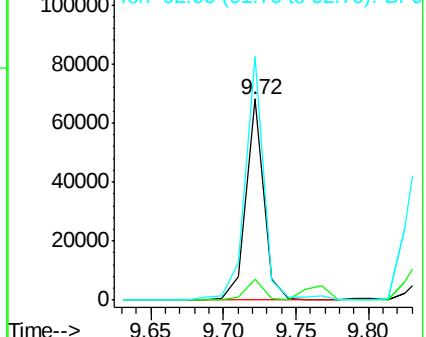
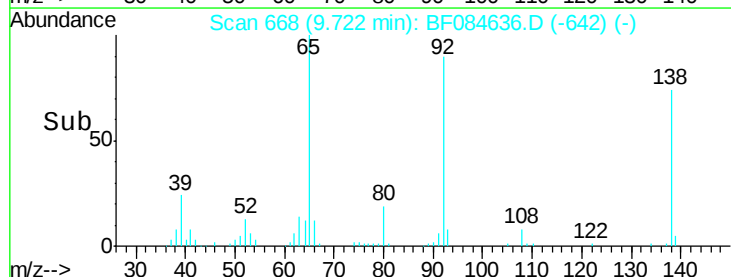
92 120.9 103.9 155.9

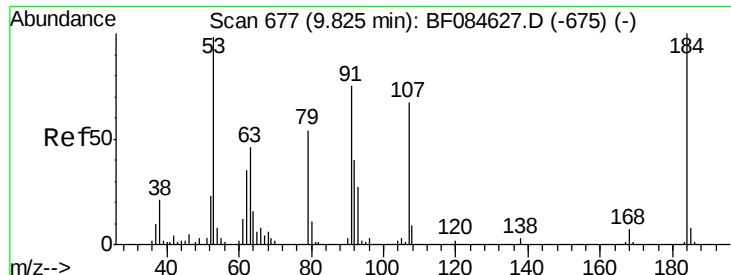


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

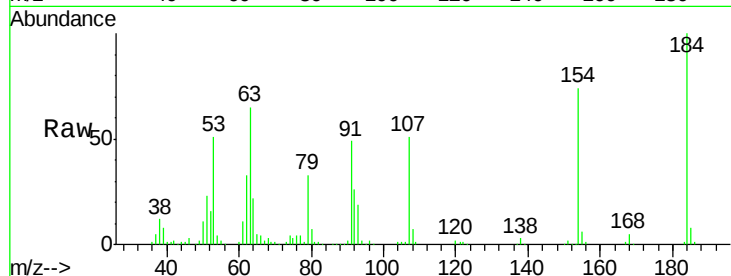




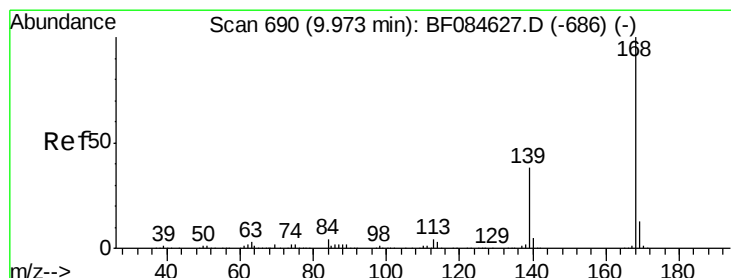
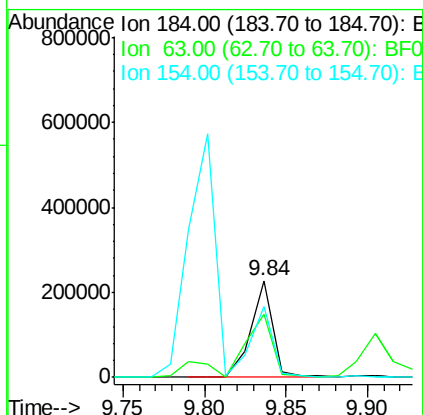
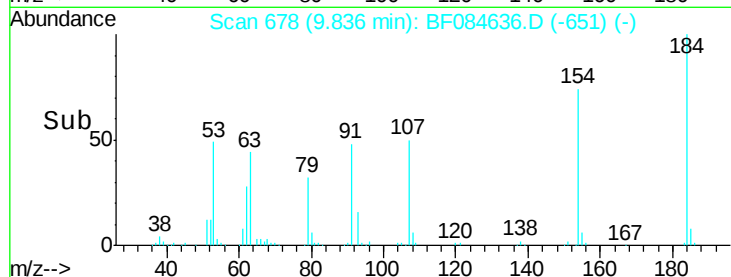
#53
 2,4-Dinitrophenol
 Concen: 105.04 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Tgt Ion:184 Resp: 214621
 Ion Ratio Lower Upper
 184 100
 63 64.7 43.1 64.7
 154 73.6 60.5 90.7

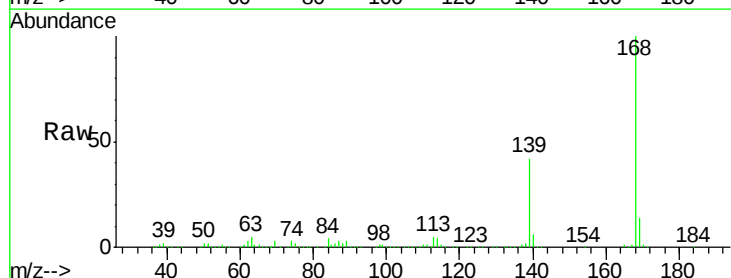


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

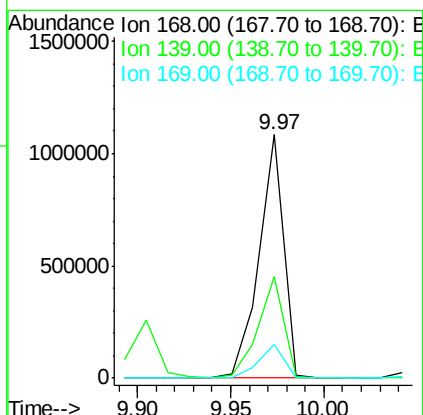
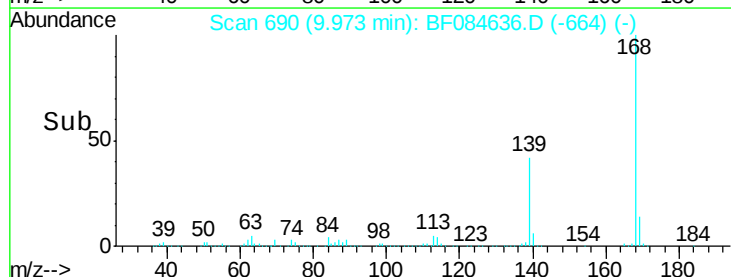


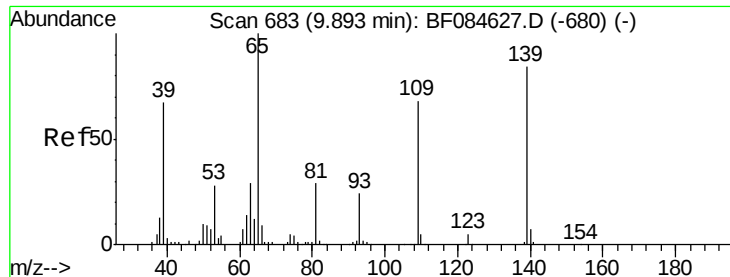
#54
 Dibenzofuran
 Concen: 48.56 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion:168 Resp: 985821
 Ion Ratio Lower Upper
 168 100
 139 41.5 30.5 45.7
 169 13.7 10.4 15.6



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

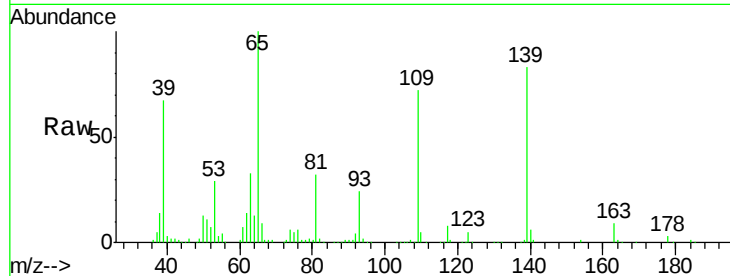




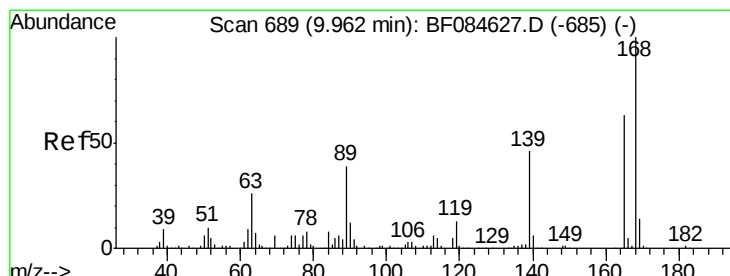
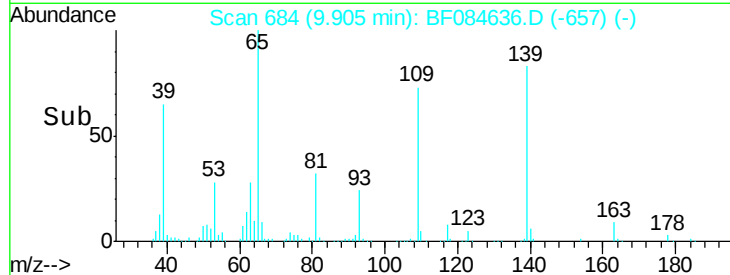
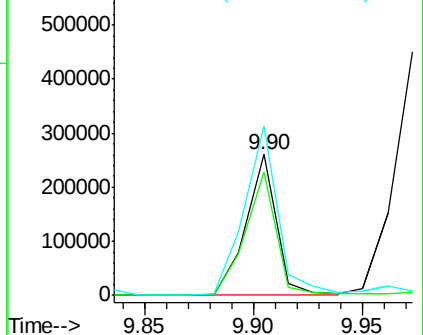
#55
4-Nitrophenol
Concen: 80.70 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tgt Ion:139 Resp: 256480
Ion Ratio Lower Upper
139 100
109 87.3 58.5 98.5
65 120.6 57.6 97.6#



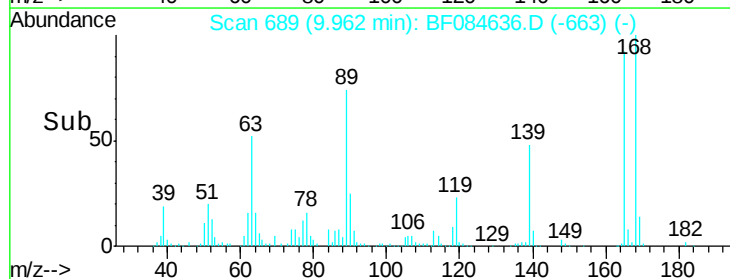
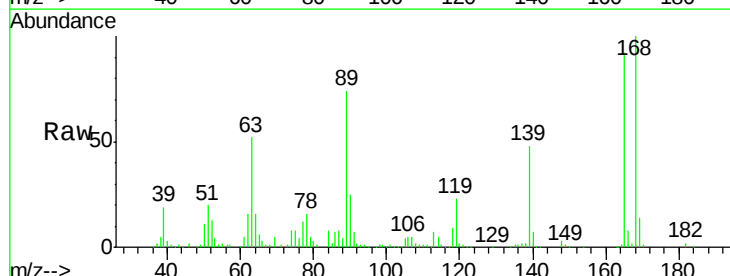
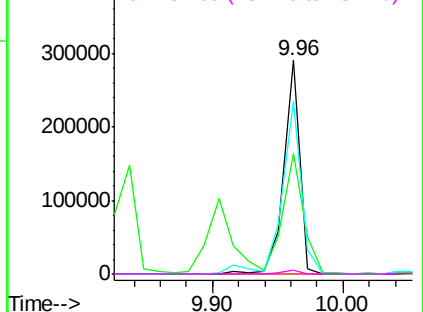
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

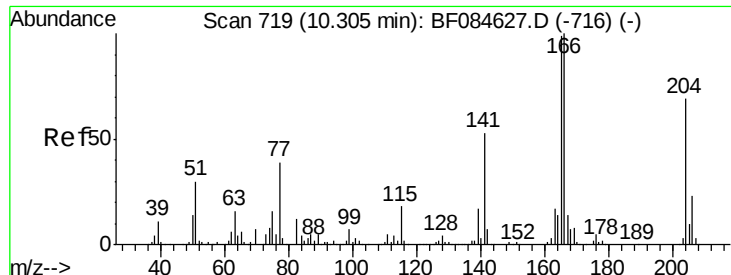


#56
2,4-Dinitrotoluene
Concen: 46.32 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion:165 Resp: 249177
Ion Ratio Lower Upper
165 100
63 56.3 36.7 55.1#
89 81.1 61.9 92.9
182 2.0 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

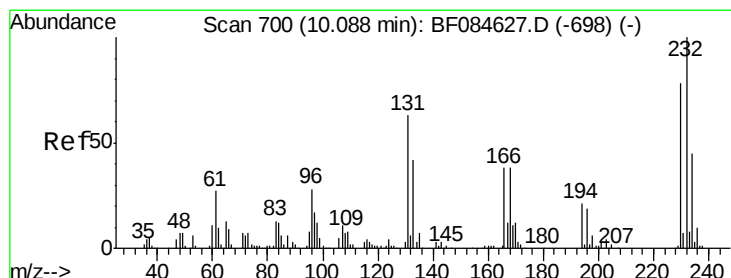
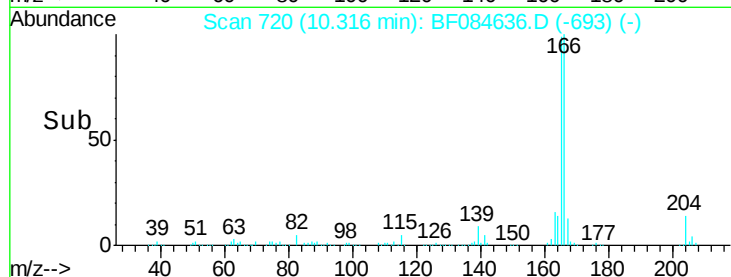
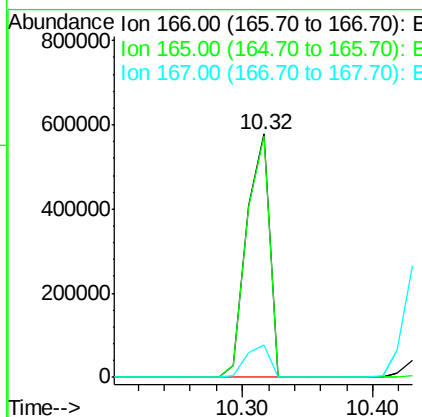
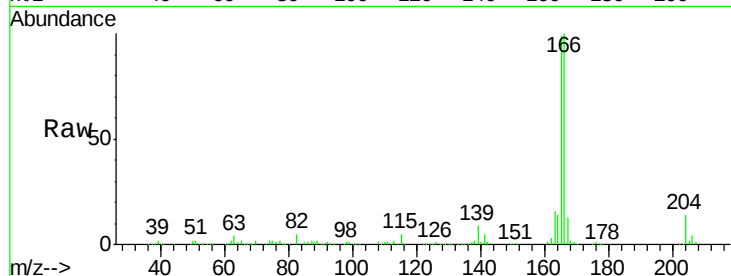




#57
Fluorene
 Concen: 40.68 ng
 RT: 10.32 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

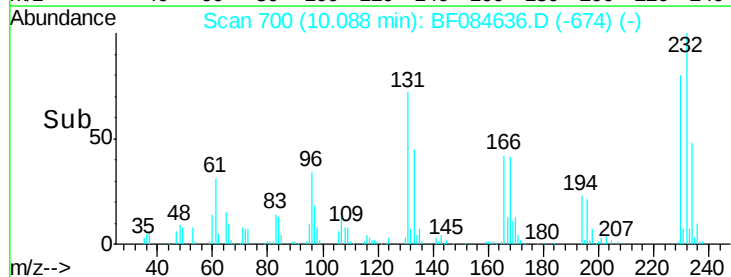
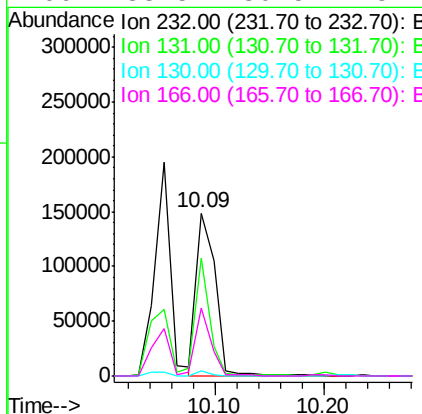
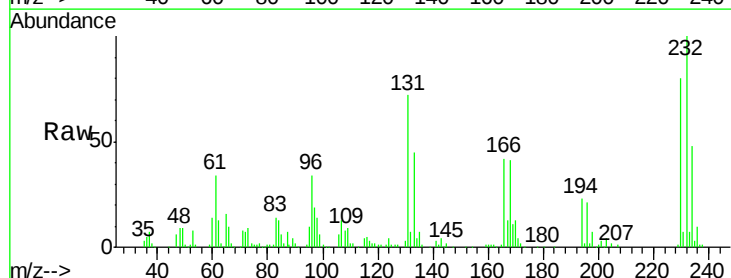
Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

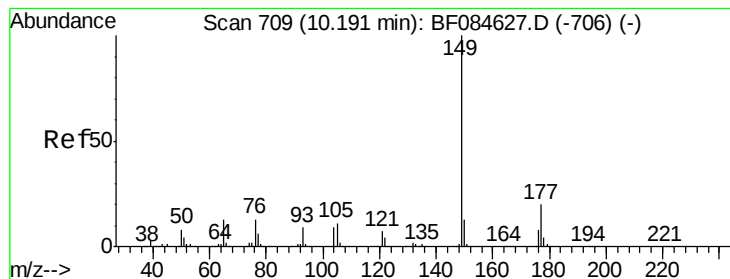
Tgt Ion:166 Resp: 700026
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.1 118.7
 167 13.2 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.17 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion:232 Resp: 182082
 Ion Ratio Lower Upper
 232 100
 131 55.2 47.0 70.6
 130 2.5 2.0 3.0
 166 33.5 30.5 45.7





#59

Diethylphthalate

Concen: 43.06 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

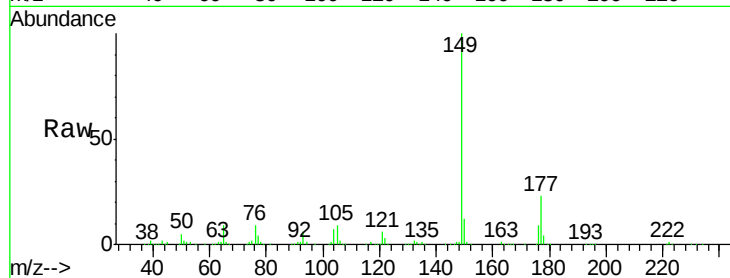
Tgt Ion:149 Resp: 793253

Ion Ratio Lower Upper

149 100

177 23.2 17.3 25.9

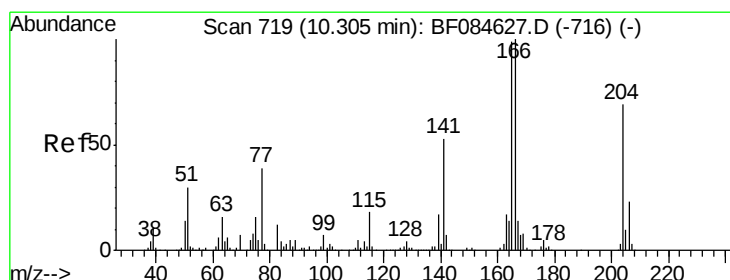
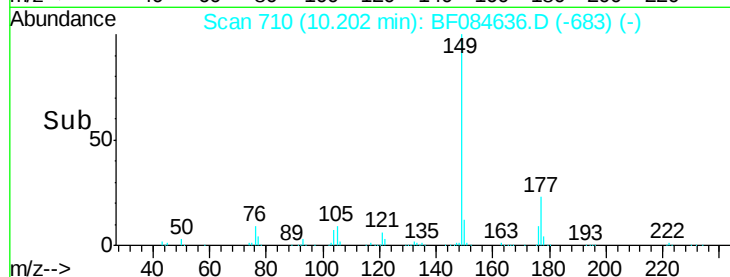
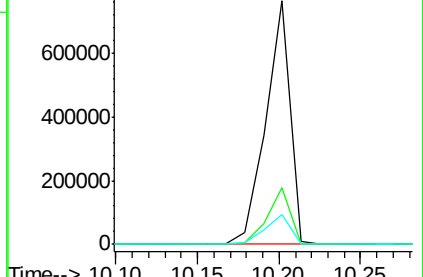
150 12.5 9.8 14.8



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: 38.28 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

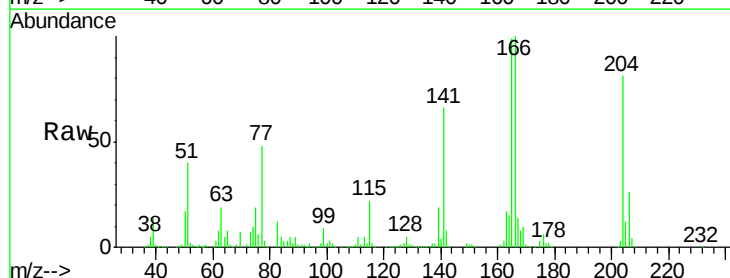
Tgt Ion:204 Resp: 295784

Ion Ratio Lower Upper

204 100

206 32.1 25.7 38.5

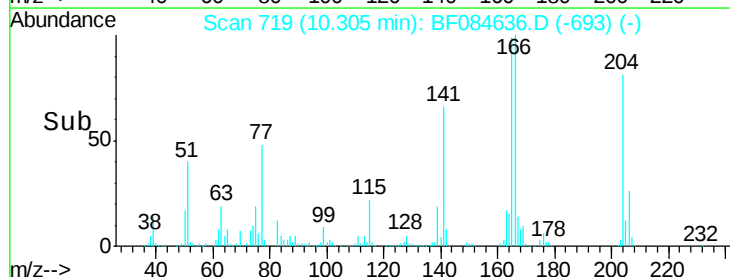
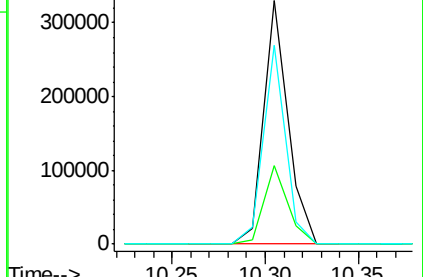
141 81.5 55.1 82.7

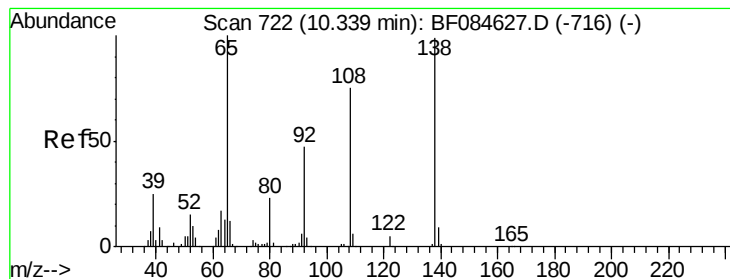


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.00 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

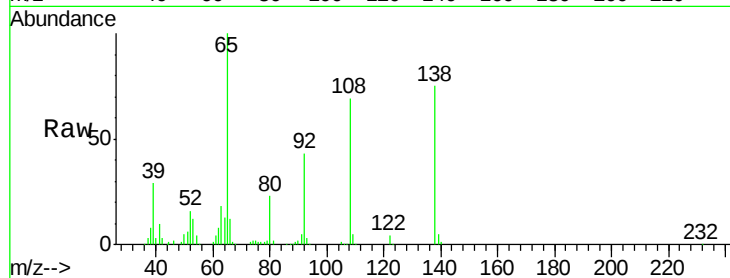
Tgt Ion:138 Resp: 155624

Ion Ratio Lower Upper

138 100

92 56.9 32.6 72.6

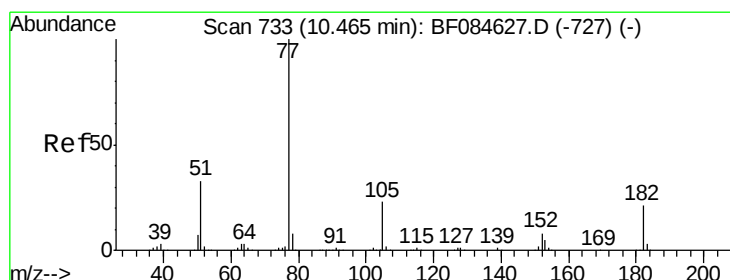
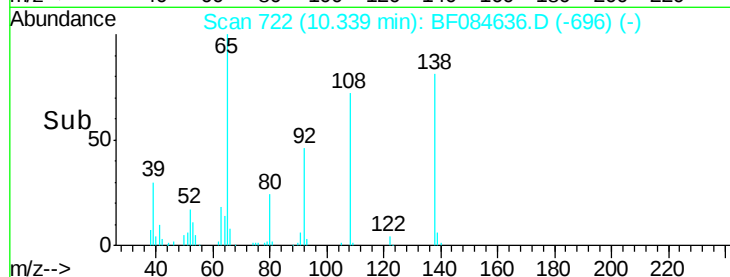
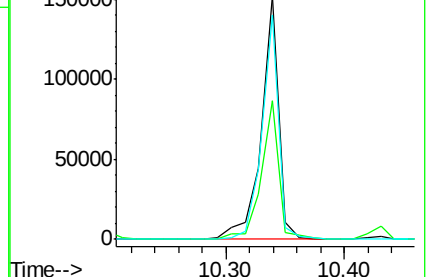
108 91.9 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.00 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion: 77 Resp: 793436

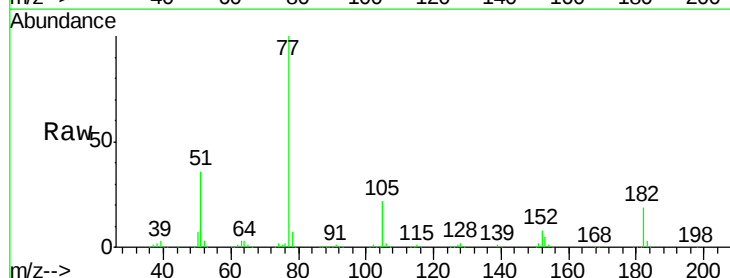
Ion Ratio Lower Upper

77 100

182 19.0 8.3 48.3

105 22.5 4.6 44.6

51 36.4 6.2 46.2

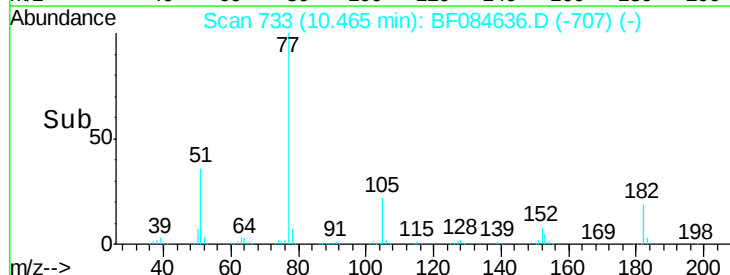
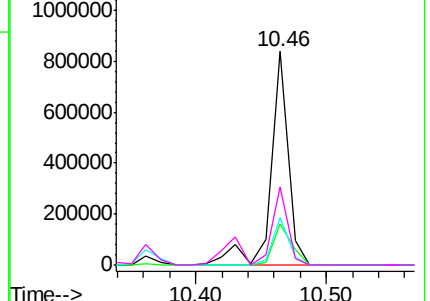


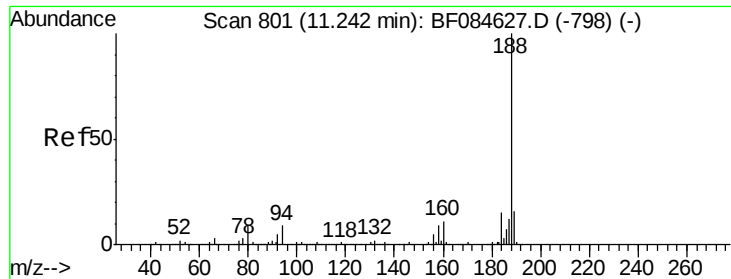
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

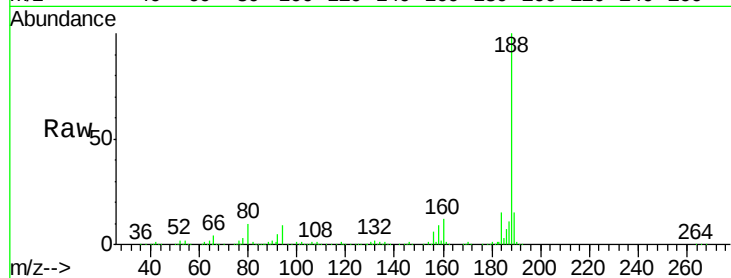




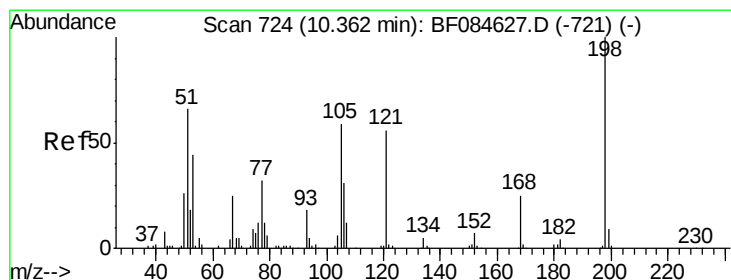
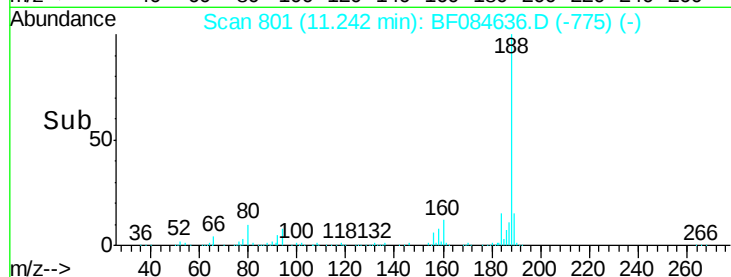
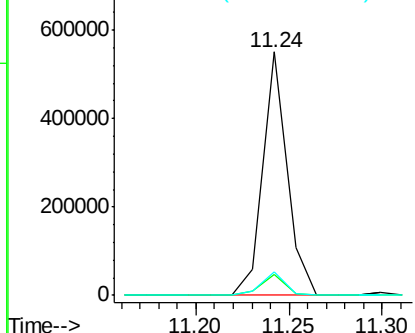
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tgt Ion:188 Resp: 493772
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 9.9 9.6 14.4

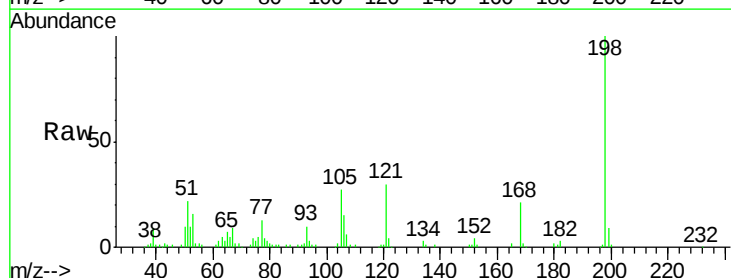


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

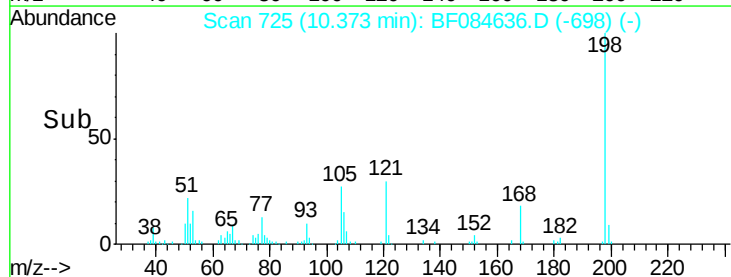
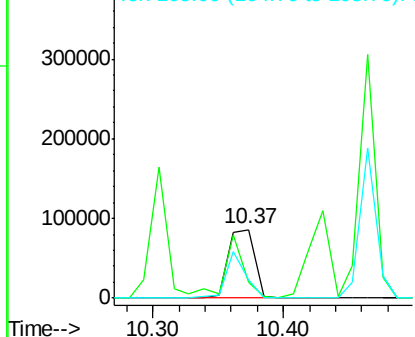


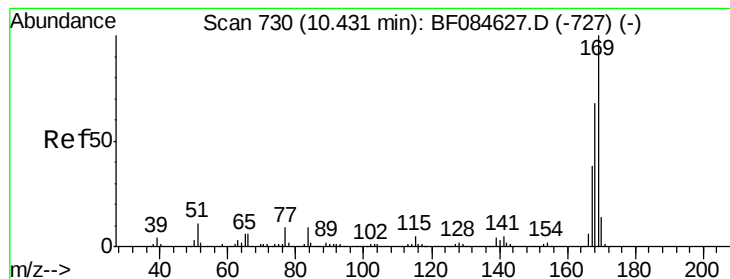
#64
4,6-Dinitro-2-methylphenol
Concen: 37.81 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion:198 Resp: 121949
Ion Ratio Lower Upper
198 100
51 22.2 18.9 58.9
105 27.1 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.19 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

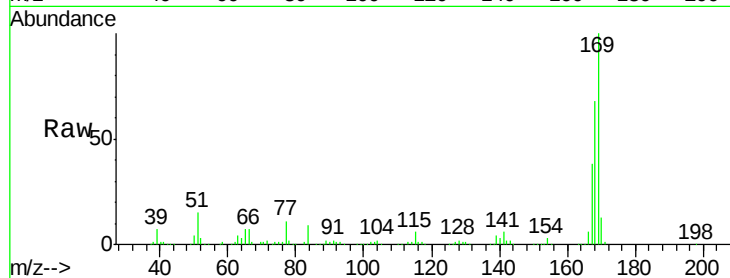
Tgt Ion:169 Resp: 627496

Ion Ratio Lower Upper

169 100

168 67.8 55.1 82.7

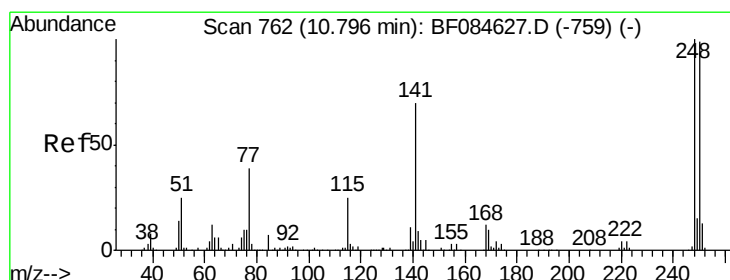
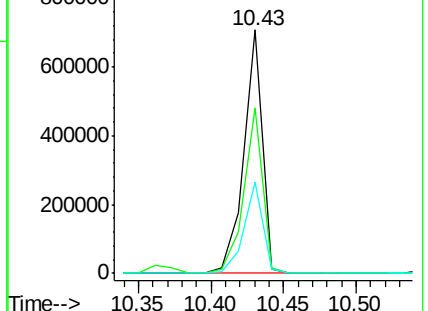
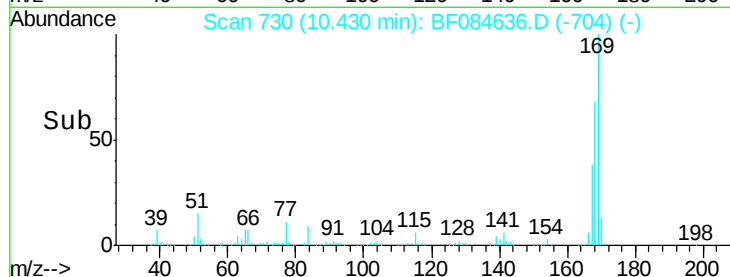
167 37.6 30.0 45.0



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: 39.35 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

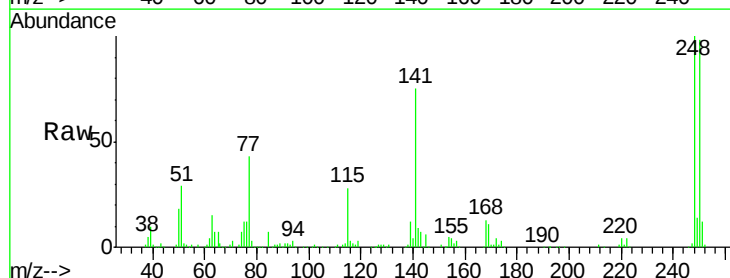
Tgt Ion:248 Resp: 218843

Ion Ratio Lower Upper

248 100

250 97.6 78.4 117.6

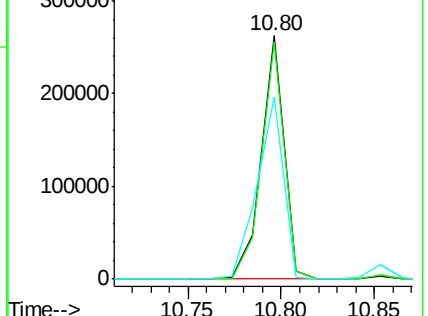
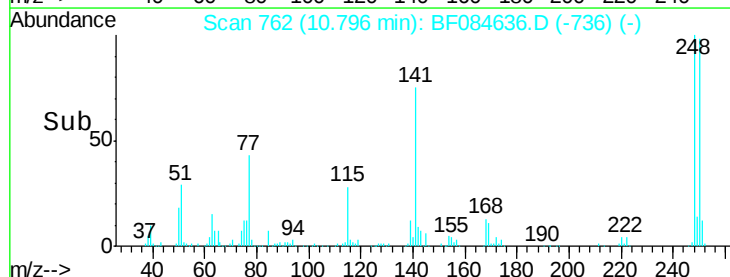
141 74.9 44.0 66.0#

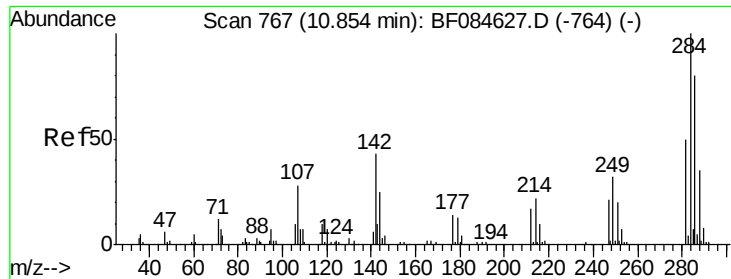


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.03 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

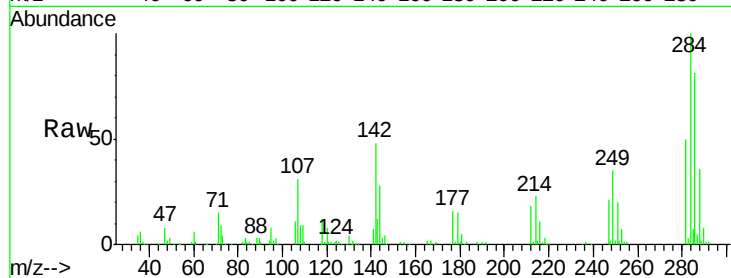
Tgt Ion:284 Resp: 211927

Ion Ratio Lower Upper

284 100

142 48.1 22.2 33.4#

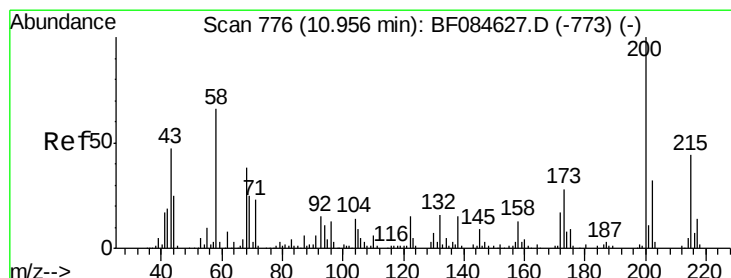
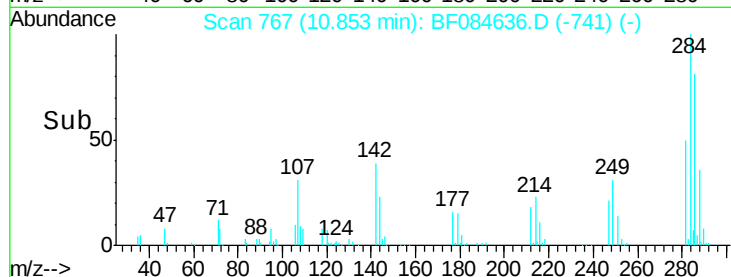
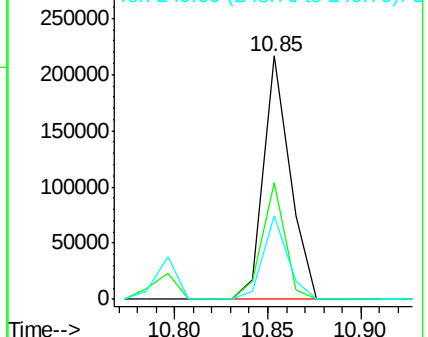
249 34.6 24.6 37.0



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: 37.77 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

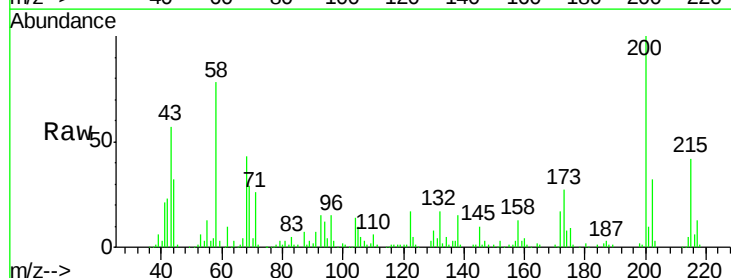
Tgt Ion:200 Resp: 181193

Ion Ratio Lower Upper

200 100

173 27.5 9.5 49.5

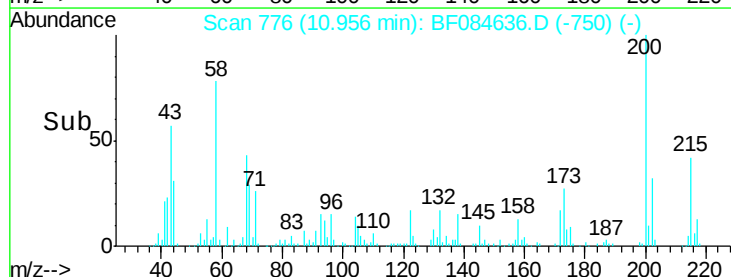
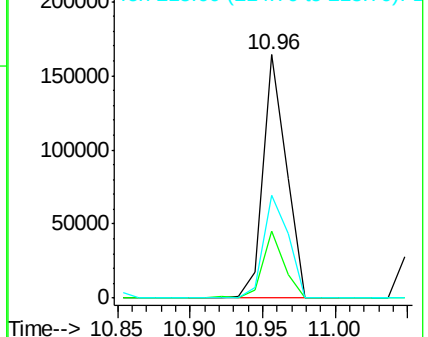
215 42.3 23.8 63.8

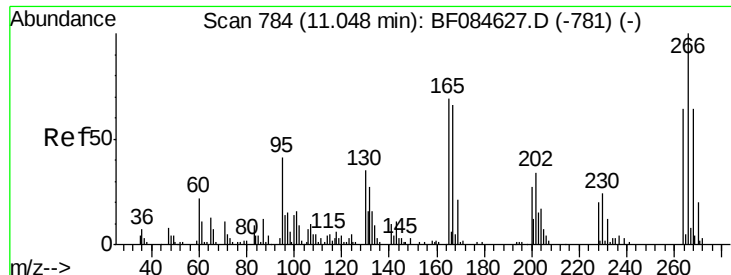


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

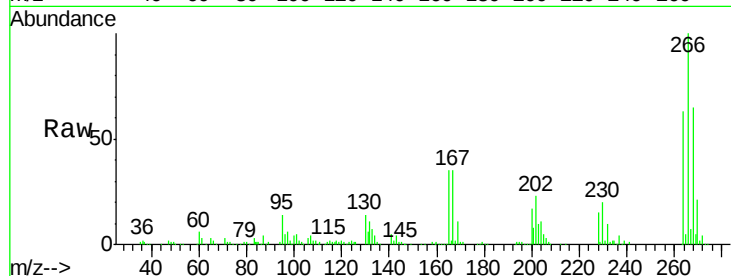




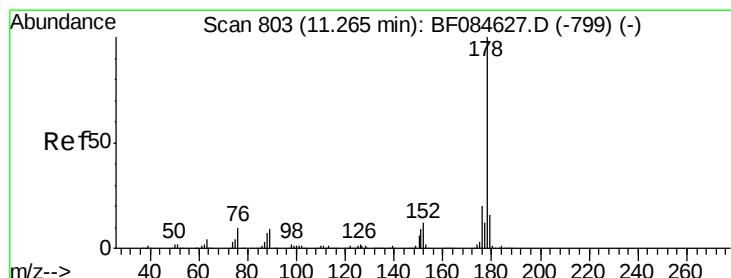
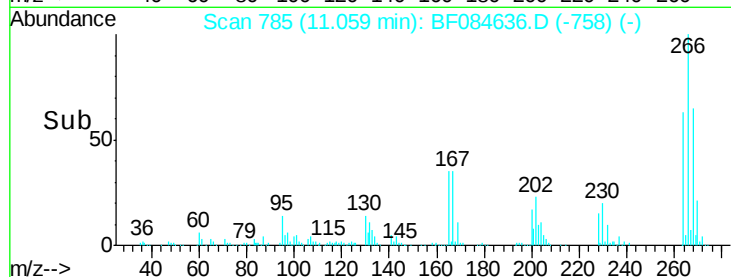
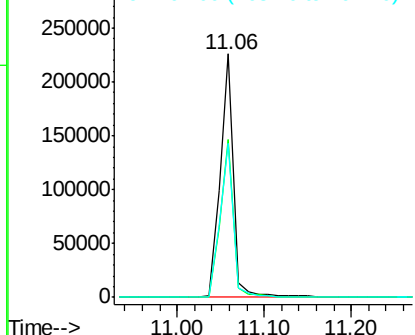
#69
 Pentachlorophenol
 Concen: 83.95 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Tgt Ion:266 Resp: 245327
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.4 78.6
 264 63.1 50.2 75.2

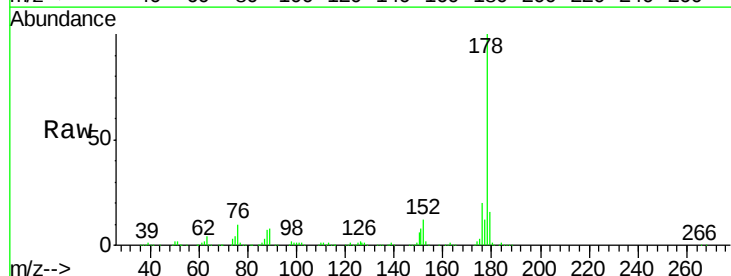


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

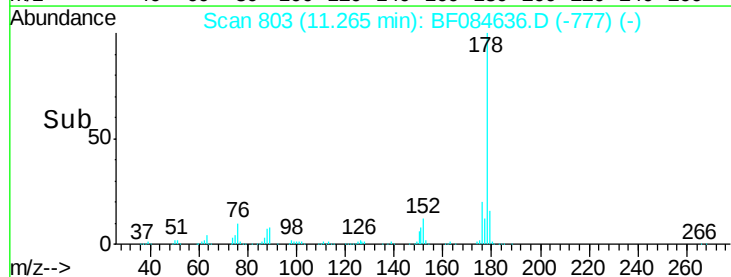
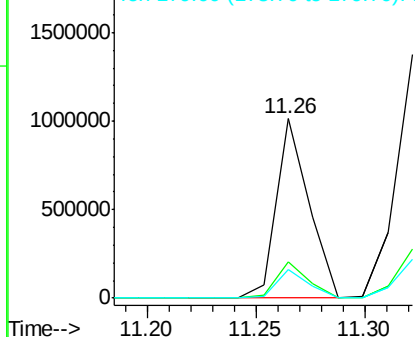


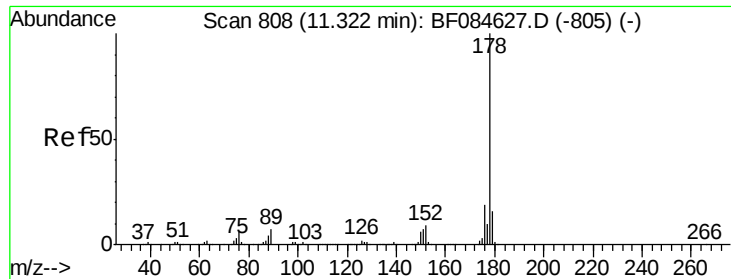
#70
 Phenanthrene
 Concen: 38.99 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion:178 Resp: 1064620
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.3 22.9
 179 16.1 12.0 18.0



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

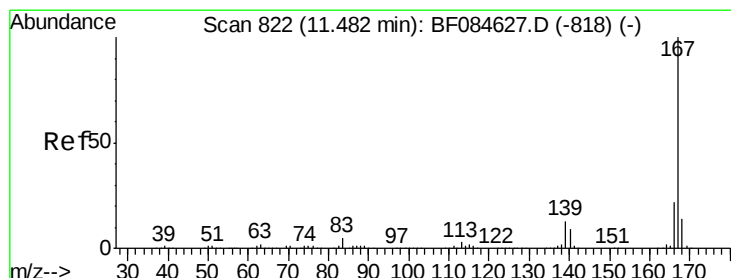
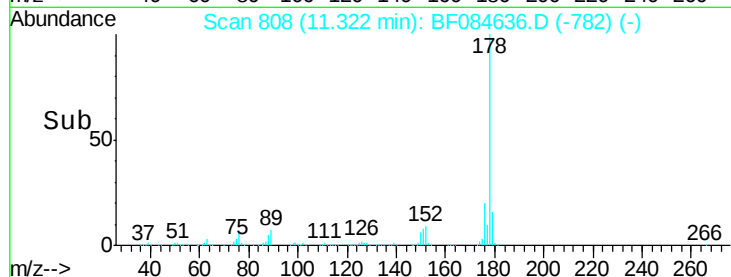
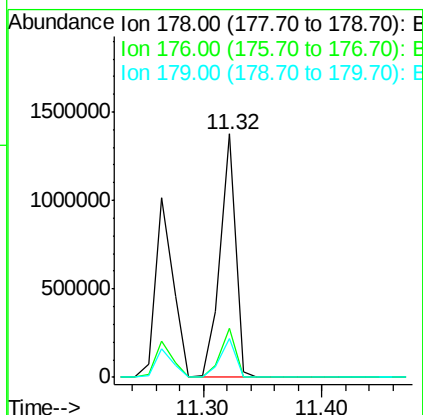
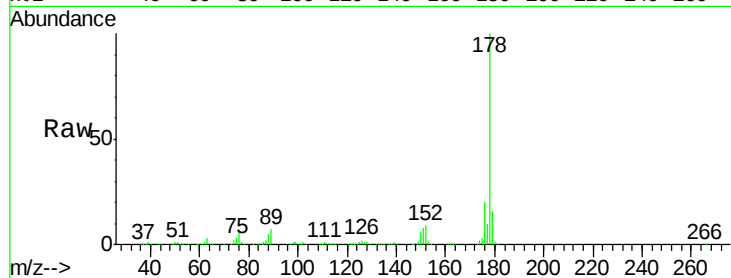




#71
 Anthracene
 Concen: 44.41 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

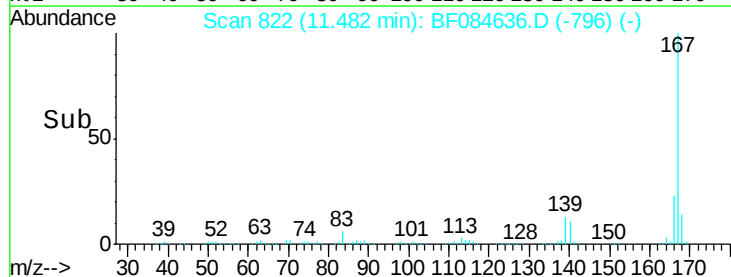
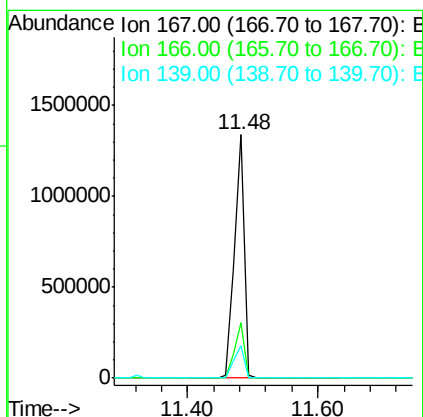
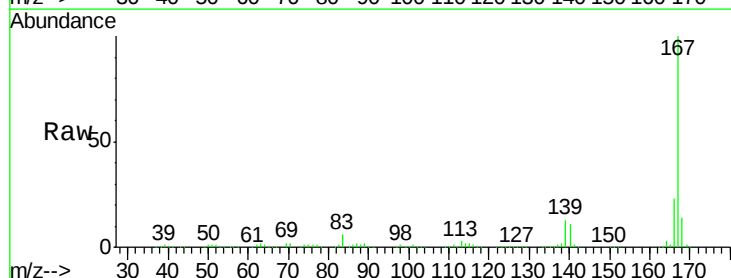
Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

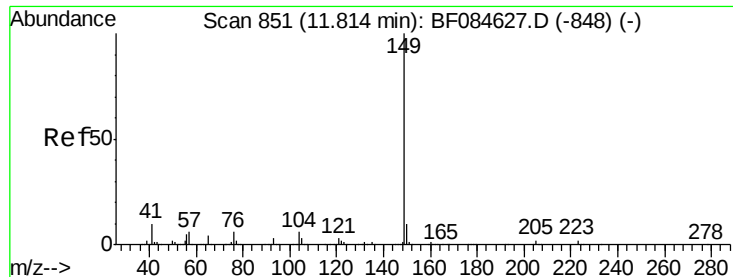
Tgt Ion:178 Resp: 1232895
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 56.53 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion:167 Resp: 1352438
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.3 11.8 17.8





#73

Di-n-butylphthalate

Concen: 50.95 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

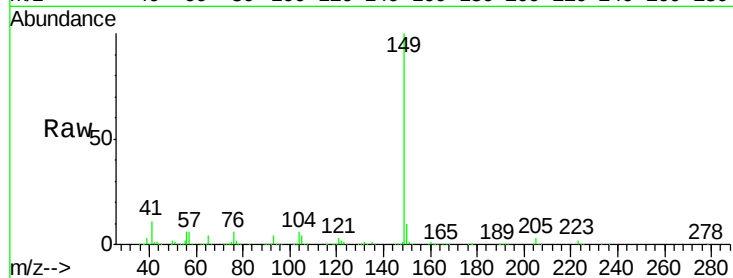
Tgt Ion:149 Resp: 1482424

Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

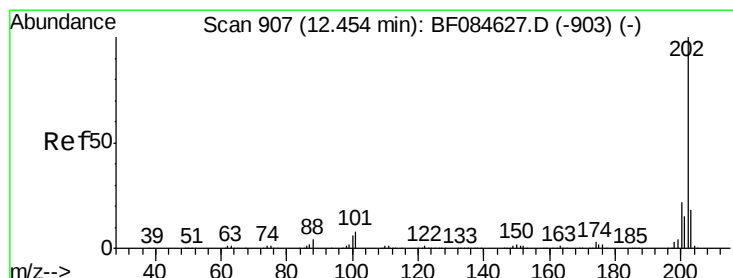
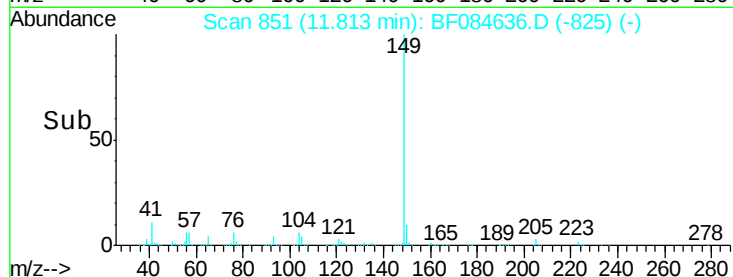
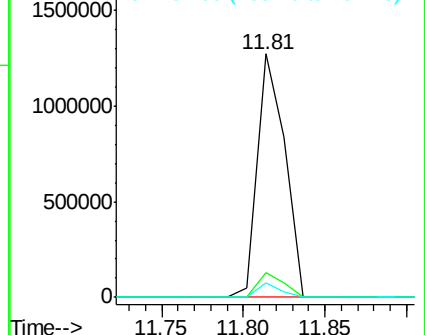
104 6.1 3.2 4.8#



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: 55.04 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

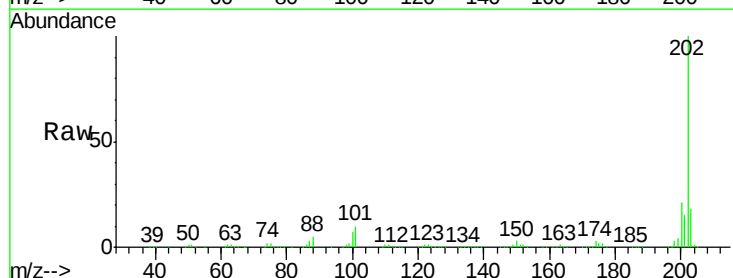
Tgt Ion:202 Resp: 1485630

Ion Ratio Lower Upper

202 100

101 10.0 0.0 32.8

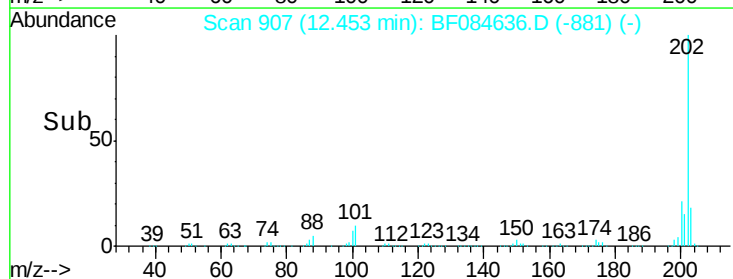
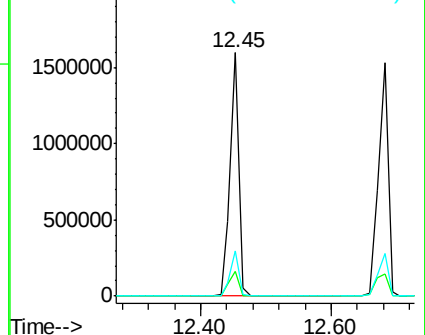
203 18.3 0.0 37.9

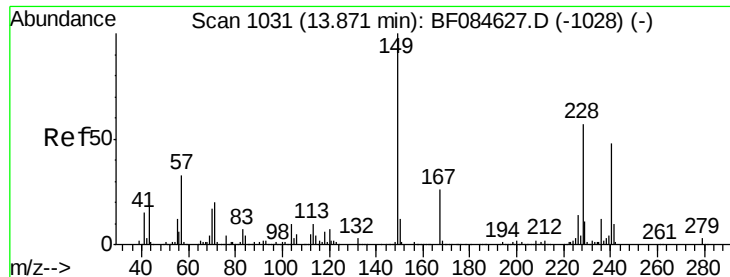


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

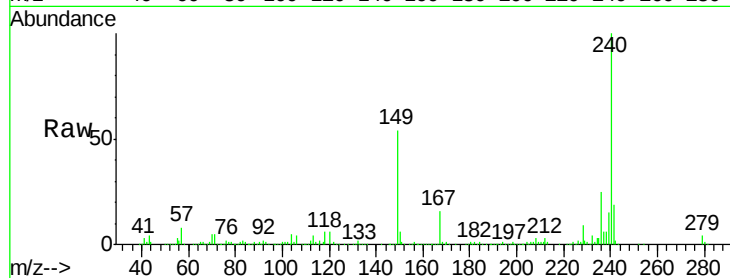
Tgt Ion:240 Resp: 468140

Ion Ratio Lower Upper

240 100

120 6.2 9.5 14.3#

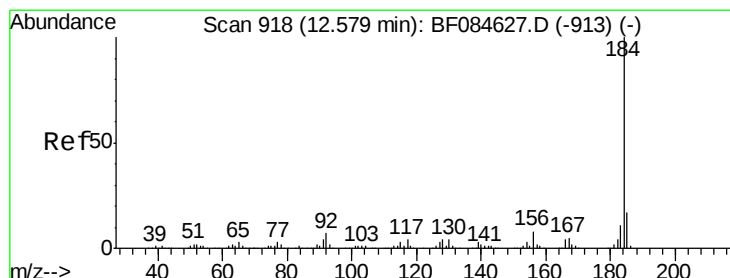
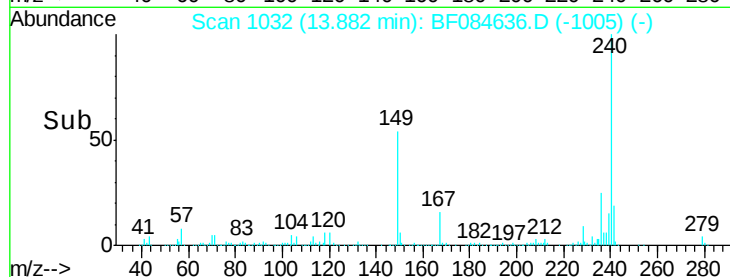
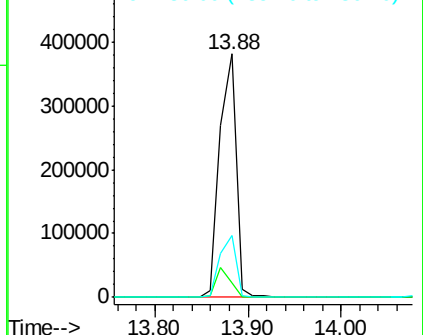
236 25.2 20.6 31.0



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: 27.55 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

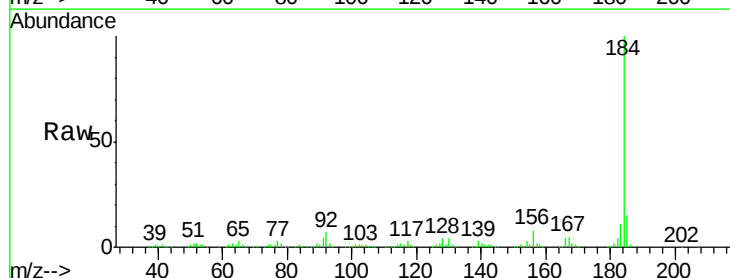
Tgt Ion:184 Resp: 490607

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

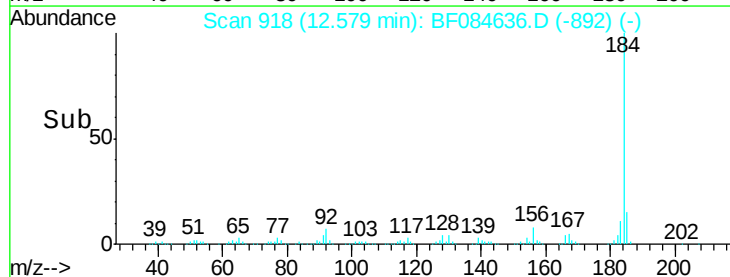
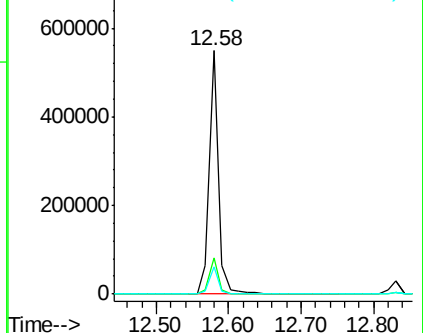
183 11.4 9.8 14.8

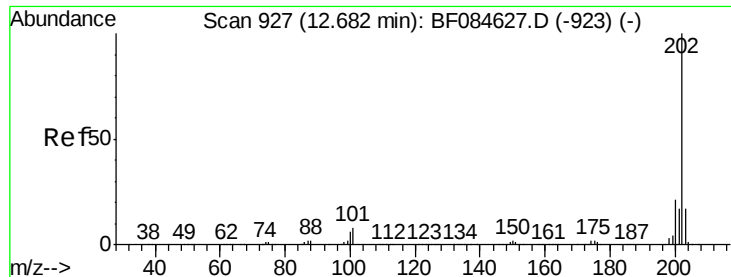


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

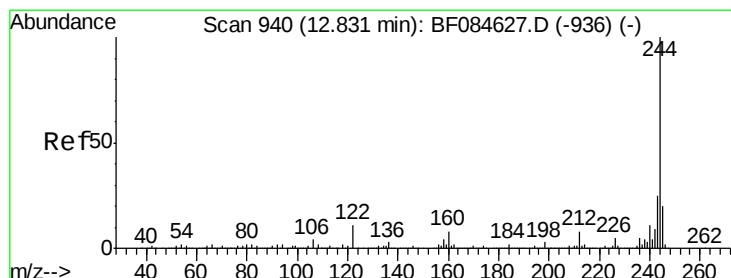
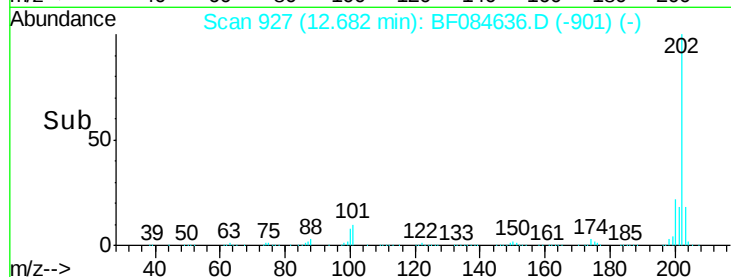
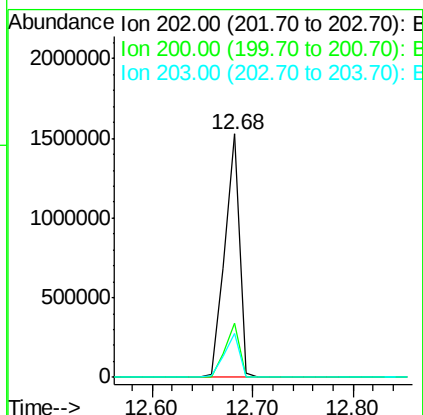
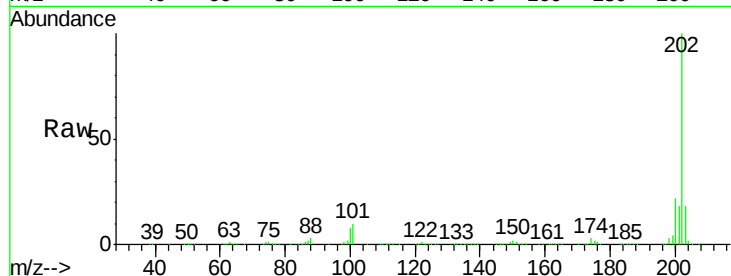




#77
 Pyrene
 Concen: 44.22 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

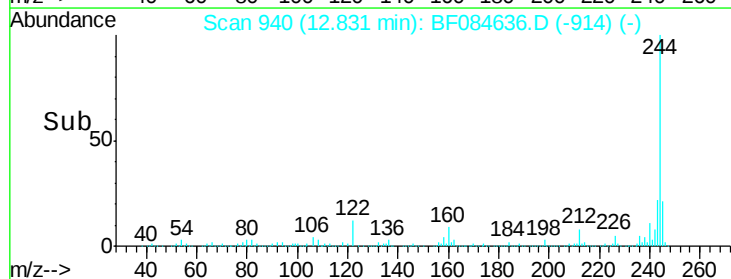
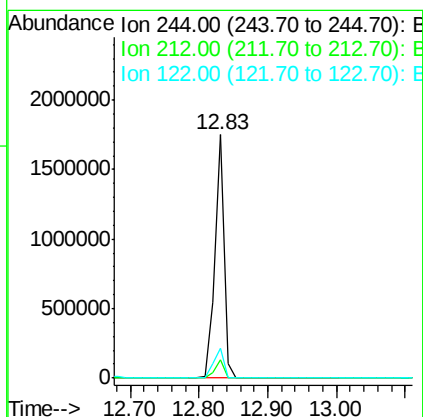
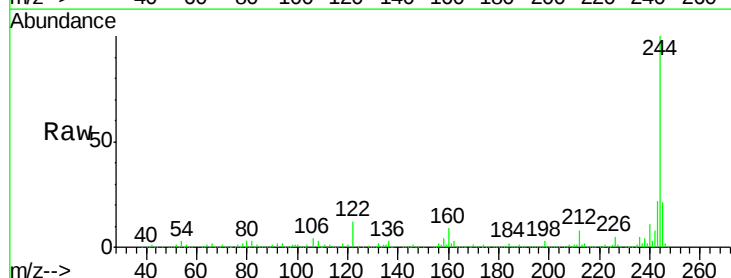
Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

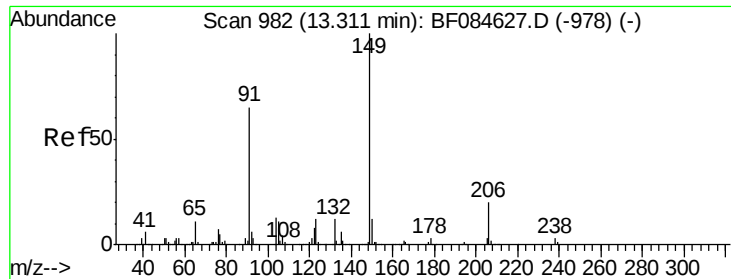
Tgt Ion: 202 Resp: 1561200
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.2 25.8
 203 18.2 14.3 21.5



#78
 Terphenyl-d14
 Concen: 80.38 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion: 244 Resp: 1666085
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 12.4 7.4 11.0#

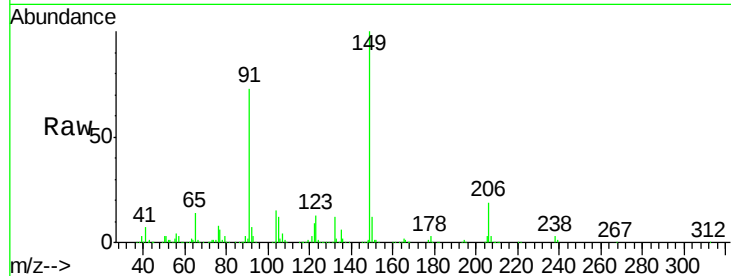




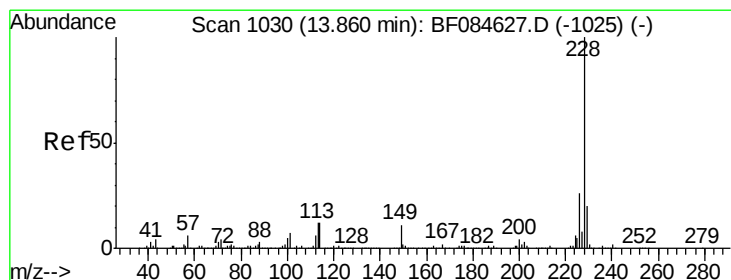
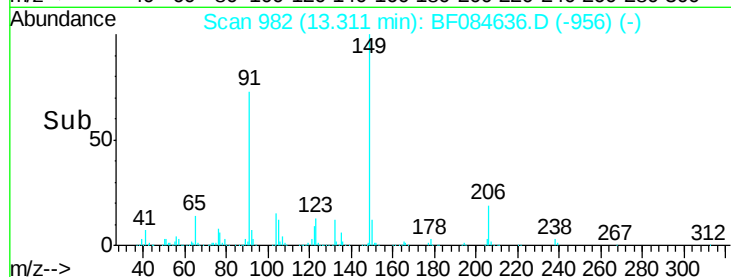
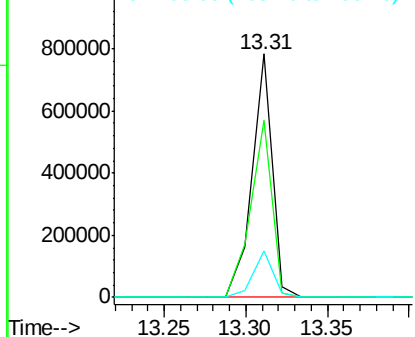
#79
Butylbenzylphthalate
Concen: 44.82 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tgt Ion:149 Resp: 676125
Ion Ratio Lower Upper
149 100
91 72.6 57.6 86.4
206 19.0 13.2 19.8

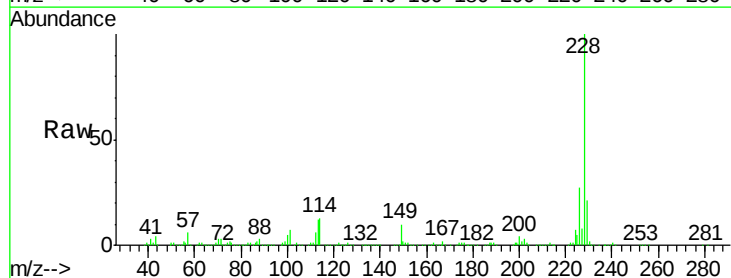


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

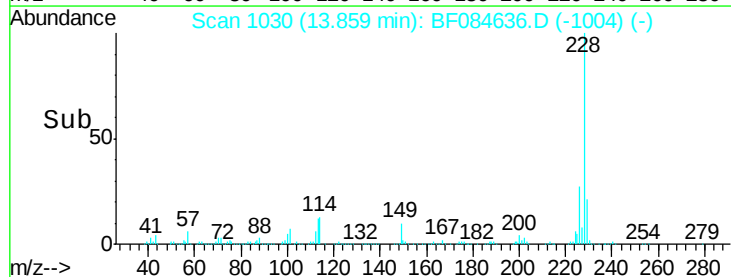
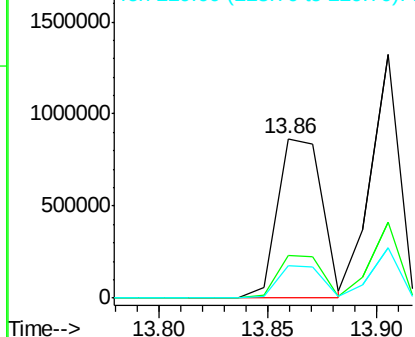


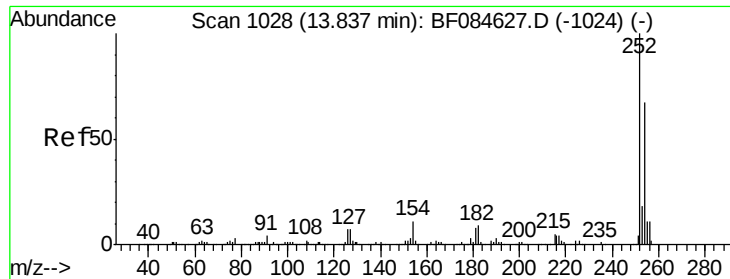
#80
Benzo(a)anthracene
Concen: 42.36 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion:228 Resp: 1236155
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 20.6 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

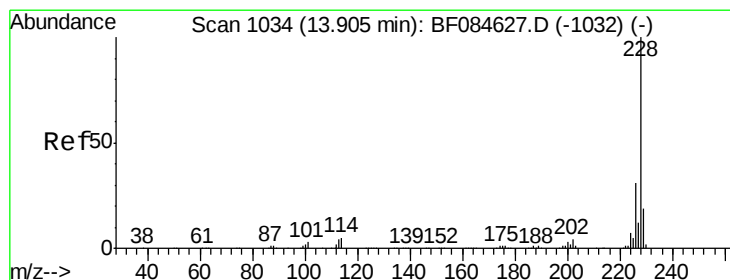
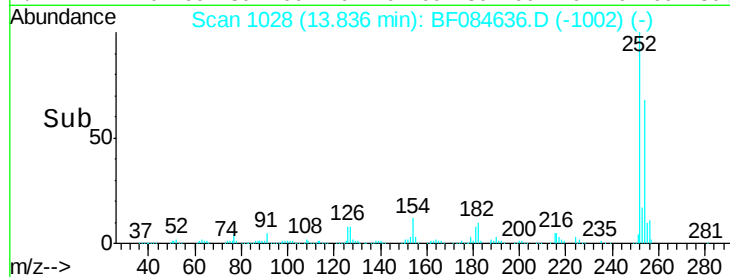
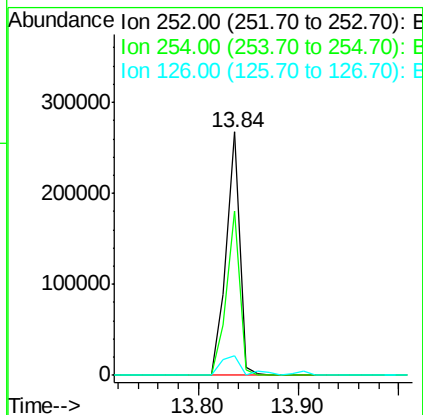
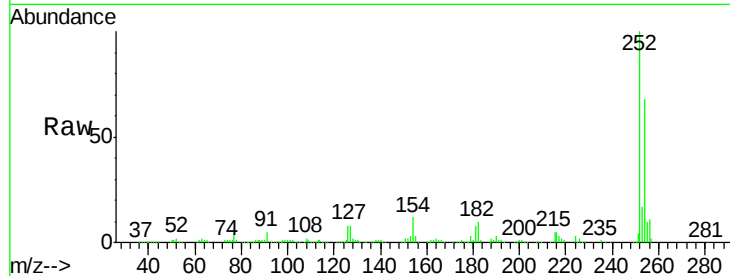




#81
 3,3'-Dichlorobenzidine
 Concen: 24.73 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

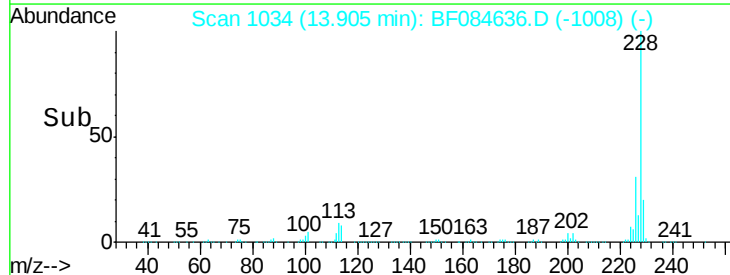
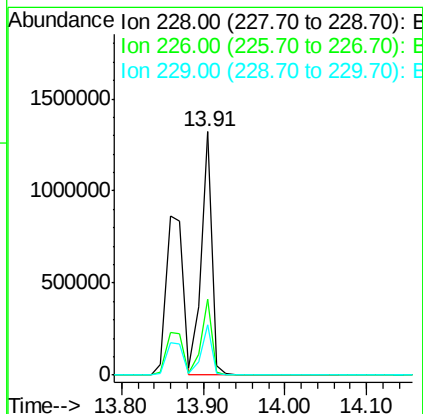
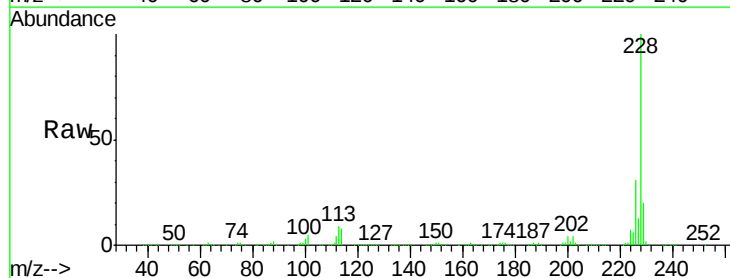
Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

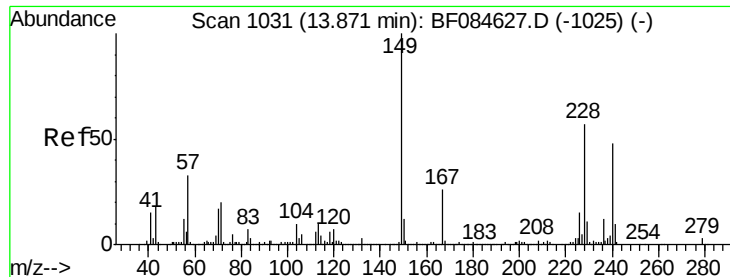
Tgt Ion:252 Resp: 253888
 Ion Ratio Lower Upper
 252 100
 254 67.6 53.5 80.3
 126 8.0 4.9 7.3#



#82
 Chrysene
 Concen: 42.27 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion:228 Resp: 1215816
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.3 36.5
 229 20.4 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.92 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

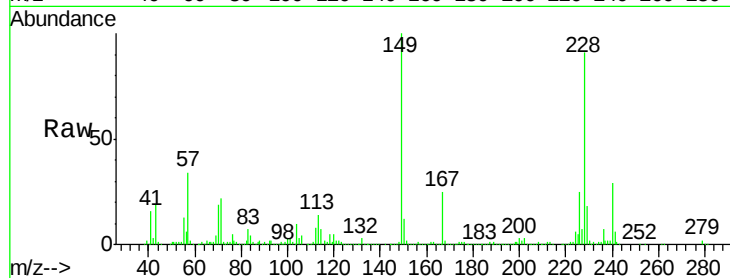
Tgt Ion:149 Resp: 839851

Ion Ratio Lower Upper

149 100

167 25.3 19.7 29.5

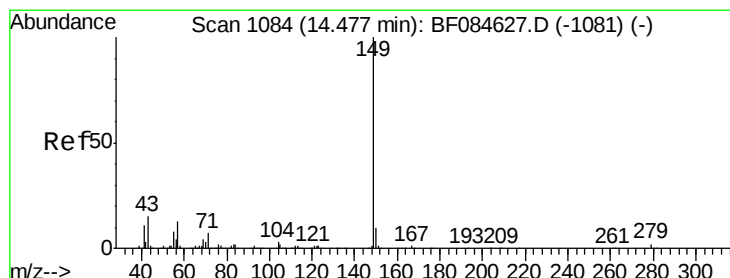
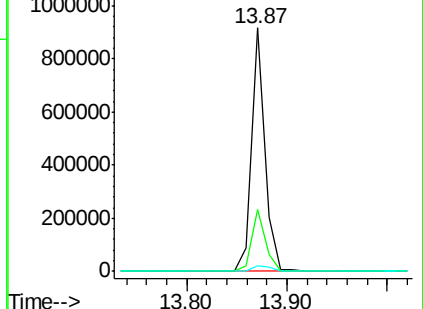
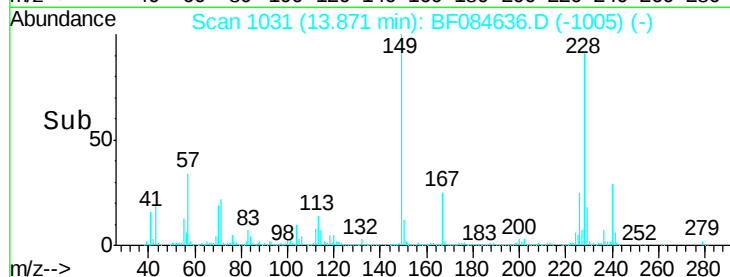
279 2.3 1.8 2.6



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: 49.05 ng

RT: 14.49 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

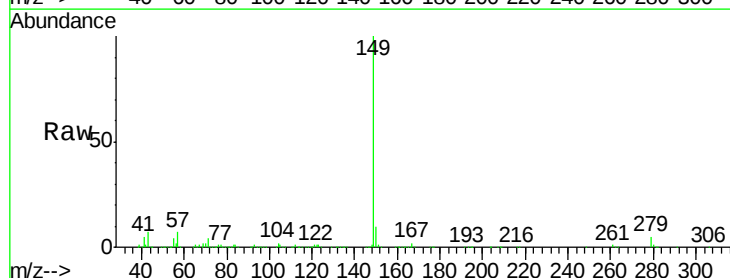
Tgt Ion:149 Resp: 1516339

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

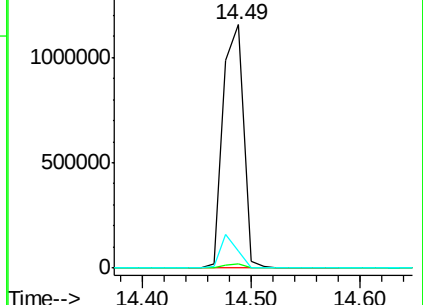
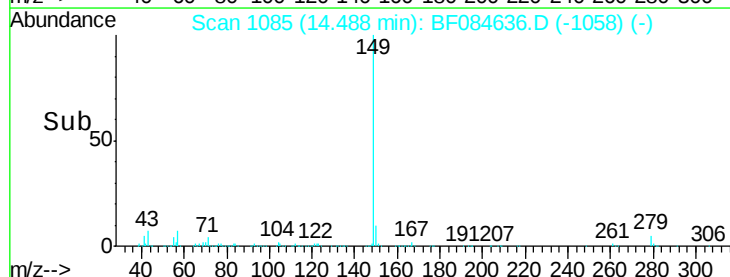
43 11.4 5.6 8.4#

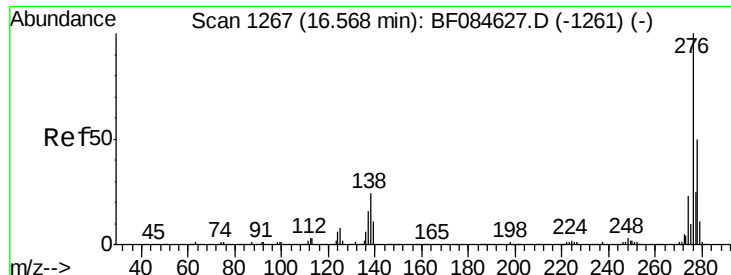


Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.15 ng

RT: 16.57 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

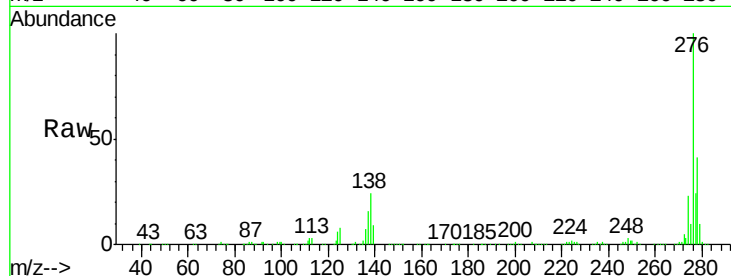
Tgt Ion:276 Resp: 893825

Ion Ratio Lower Upper

276 100

138 25.1 20.6 30.8

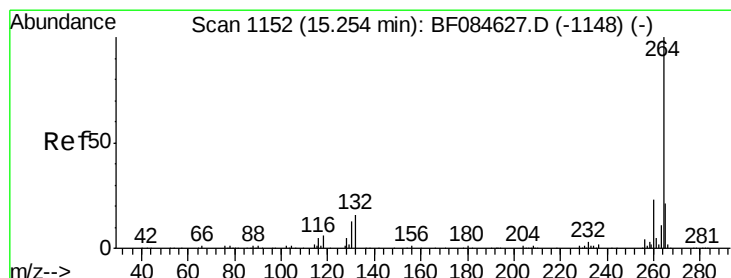
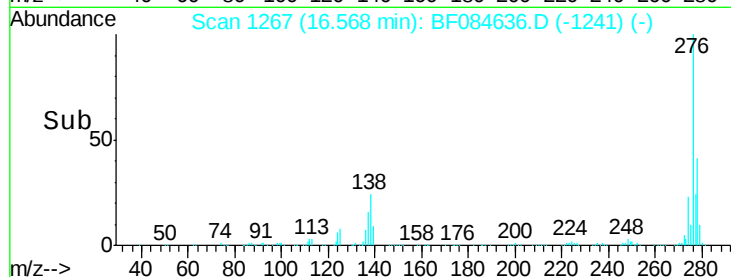
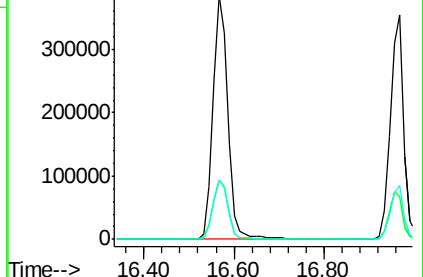
277 24.7 20.1 30.1



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: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

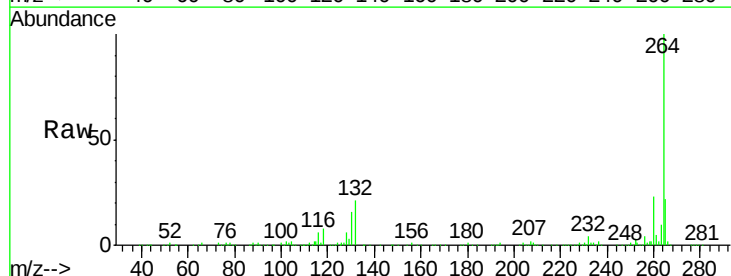
Tgt Ion:264 Resp: 411798

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

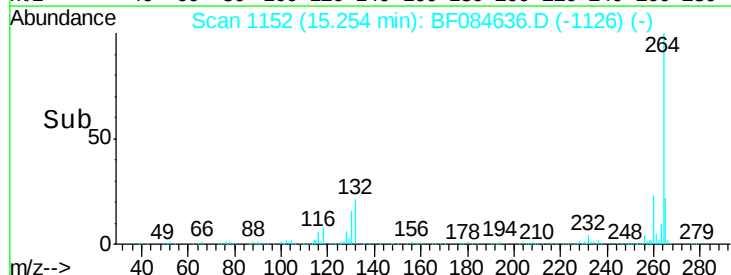
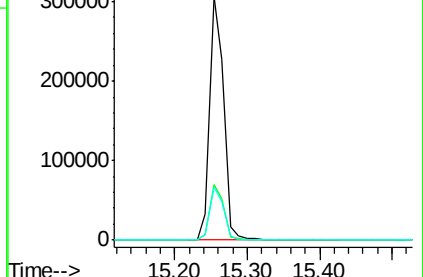
265 21.8 17.8 26.6

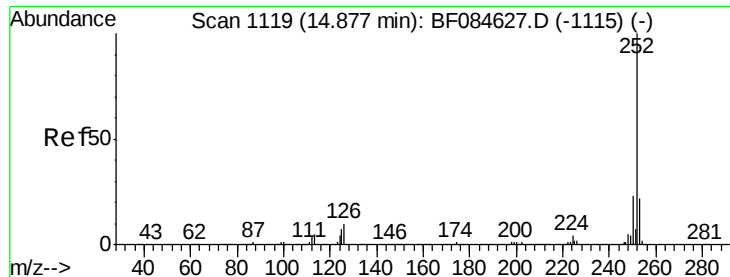


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 77.50 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

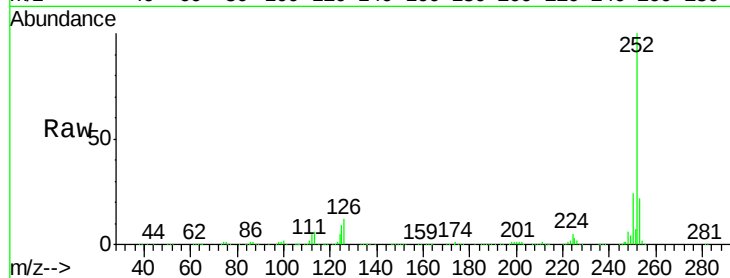
Tgt Ion:252 Resp: 2066603

Ion Ratio Lower Upper

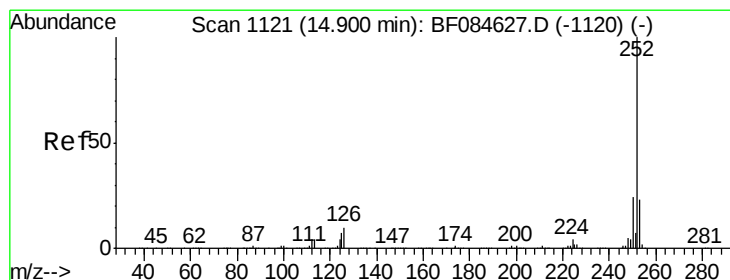
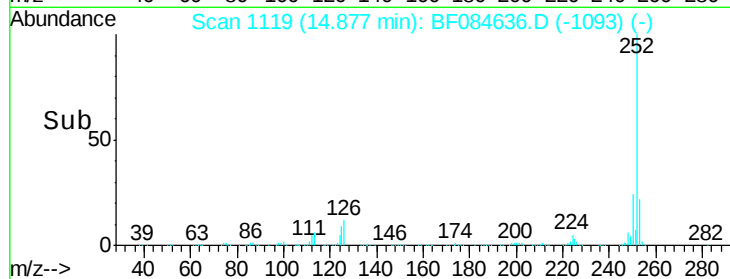
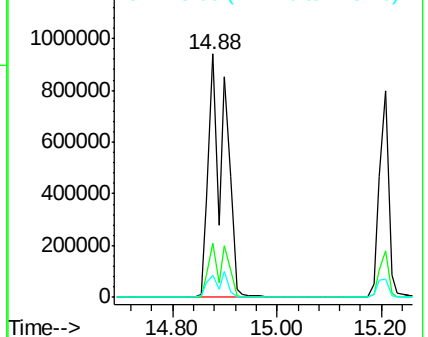
252 100

253 22.3 17.3 25.9

125 9.4 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 93.90 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

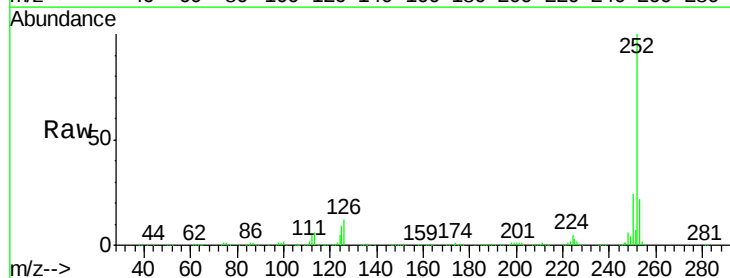
Tgt Ion:252 Resp: 2068080

Ion Ratio Lower Upper

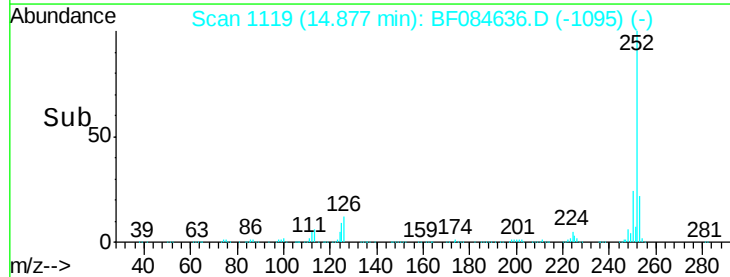
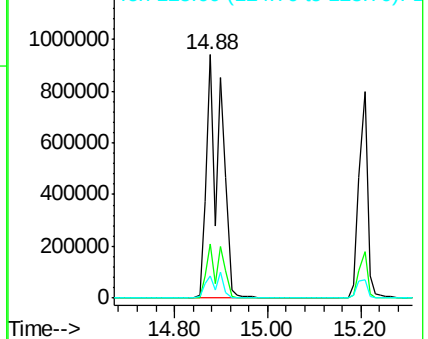
252 100

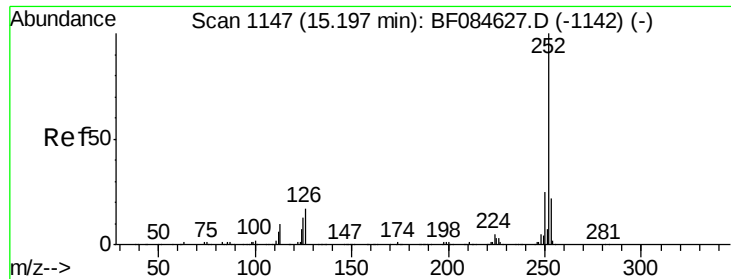
253 22.3 18.1 27.1

125 9.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.17 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

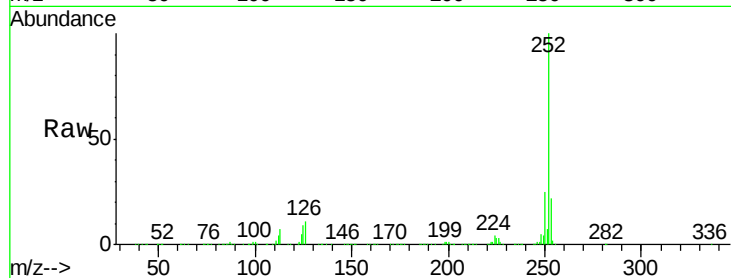
Tgt Ion:252 Resp: 995675

Ion Ratio Lower Upper

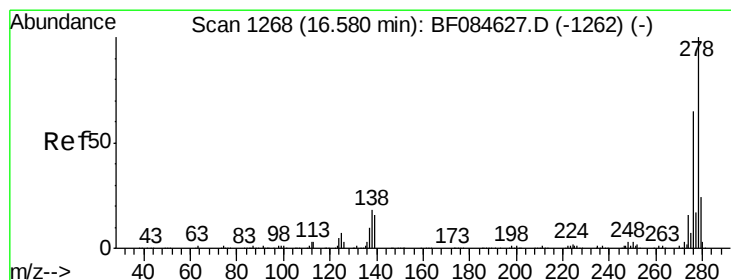
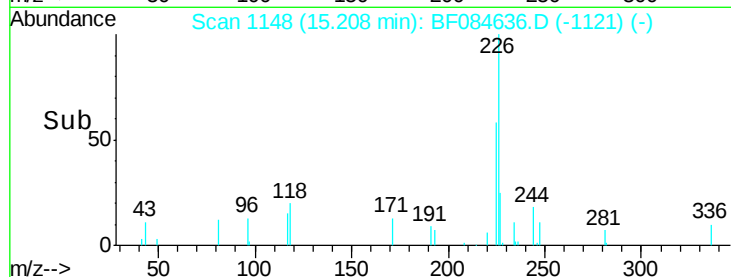
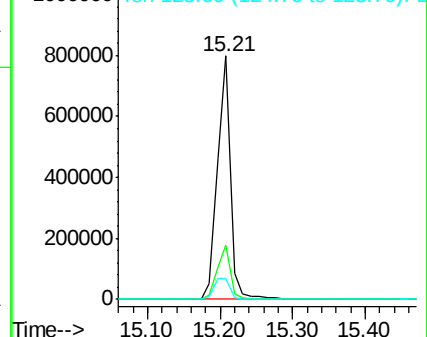
252 100

253 22.5 17.3 25.9

125 8.7 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: 36.45 ng

RT: 16.58 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

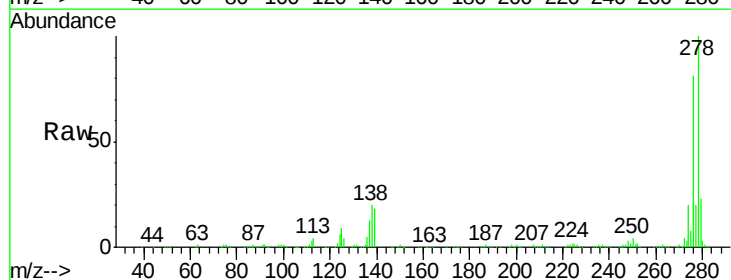
Tgt Ion:278 Resp: 757787

Ion Ratio Lower Upper

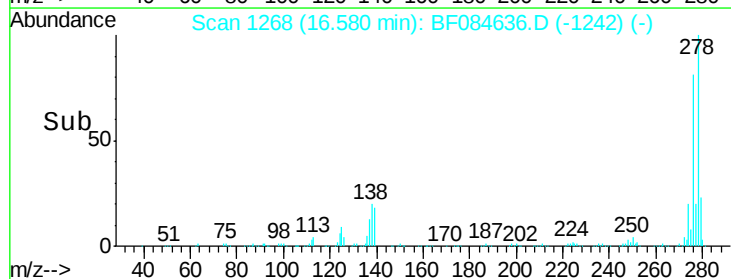
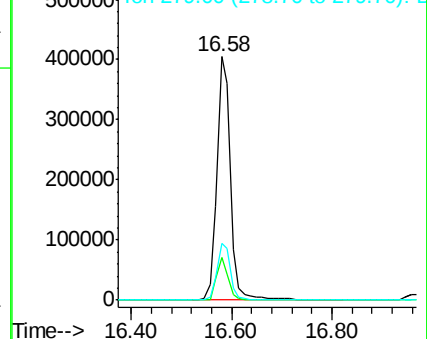
278 100

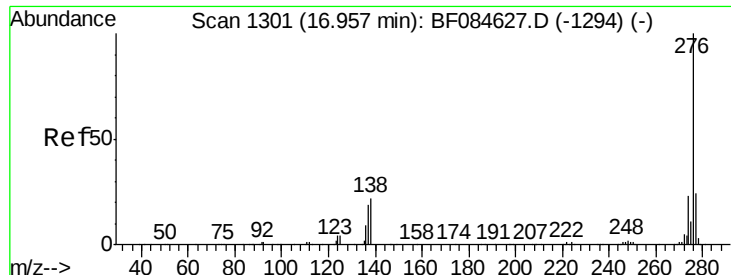
139 17.6 15.0 22.4

279 23.4 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: 35.20 ng

RT: 16.97 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

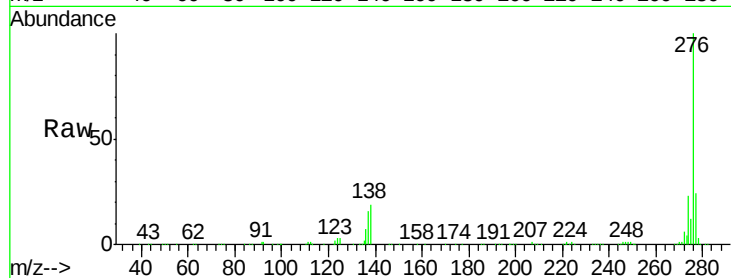
Tgt Ion: 276 Resp: 738863

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 18.9 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

