

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084335.D
 Acq On : 8 Jan 2016 18:38
 Operator : SJ/UM
 Sample : PB87715BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87715BS

Quant Time: Jan 08 22:18:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	271531	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1185013	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	550476	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	1012096	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	796943	20.00	ng	-0.05
86) Perylene-d12	15.45	264	629324	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1470991	87.62	ng	-0.02
7) Phenol-d6	6.50	99	1988638	94.32	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1235739	58.04	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	538836	96.96	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2031690	63.31	ng	-0.04
78) Terphenyl-d14	12.97	244	1924067	53.89	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	217833	27.39	ng	# 75
3) Pyridine	3.25	79	647474	29.20	ng	# 73
4) n-Nitrosodimethylamine	3.21	42	351119	30.85	ng	# 78
6) Aniline	6.52	93	558213	18.10	ng	# 92
8) 2-Chlorophenol	6.65	128	647038	33.97	ng	# 97
9) Benzaldehyde	6.40	77	160078	11.66	ng	# 96
10) Phenol	6.51	94	649343	27.09	ng	# 77
11) bis(2-Chloroethyl)ether	6.59	93	594342	32.01	ng	# 79
12) 1,3-Dichlorobenzene	6.88	146	666403	33.92	ng	# 98
13) 1,4-Dichlorobenzene	6.88	146	666403	33.82	ng	# 94
14) 1,2-Dichlorobenzene	7.02	146	558476	29.60	ng	# 96
15) Benzyl Alcohol	7.00	79	522864	29.48	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.14	45	983518	29.08	ng	# 85
17) 2-Methylphenol	7.13	107	519939	32.57	ng	# 96
18) Hexachloroethane	7.37	117	246083	31.23	ng	# 92
19) n-Nitroso-di-n-propylamine	7.28	70	420935	29.49	ng	# 74
20) 3+4-Methylphenols	7.28	107	600955	32.03	ng	# 71
22) Acetophenone	7.26	105	868990	30.50	ng	# 93
24) Nitrobenzene	7.45	77	692946	32.09	ng	# 90
25) Isophorone	7.69	82	1228624	30.17	ng	# 96
26) 2-Nitrophenol	7.76	139	308900	31.43	ng	# 76
27) 2,4-Dimethylphenol	7.80	122	553824	27.84	ng	# 96
28) bis(2-Chloroethoxy)methane	7.89	93	707918	28.46	ng	# 99
29) 2,4-Dichlorophenol	8.01	162	541688	32.69	ng	# 97
30) 1,2,4-Trichlorobenzene	8.09	180	553433	32.35	ng	# 95
31) Naphthalene	8.17	128	1752562	32.60	ng	# 99
32) Benzoic acid	7.92	122	230674	21.93	ng	# 90
33) 4-Chloroaniline	8.21	127	225123	9.13	ng	# 99
34) Hexachlorobutadiene	8.28	225	301673	30.68	ng	# 99
35) Caprolactam	8.59	113	128438	22.99	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	569377	30.67	ng	# 94
37) 2-Methylnaphthalene	8.85	142	1112262	28.82	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	510754	32.27	ng	# 99
40) Hexachlorocyclopentadiene	9.01	237	565747	59.22	ng	# 97

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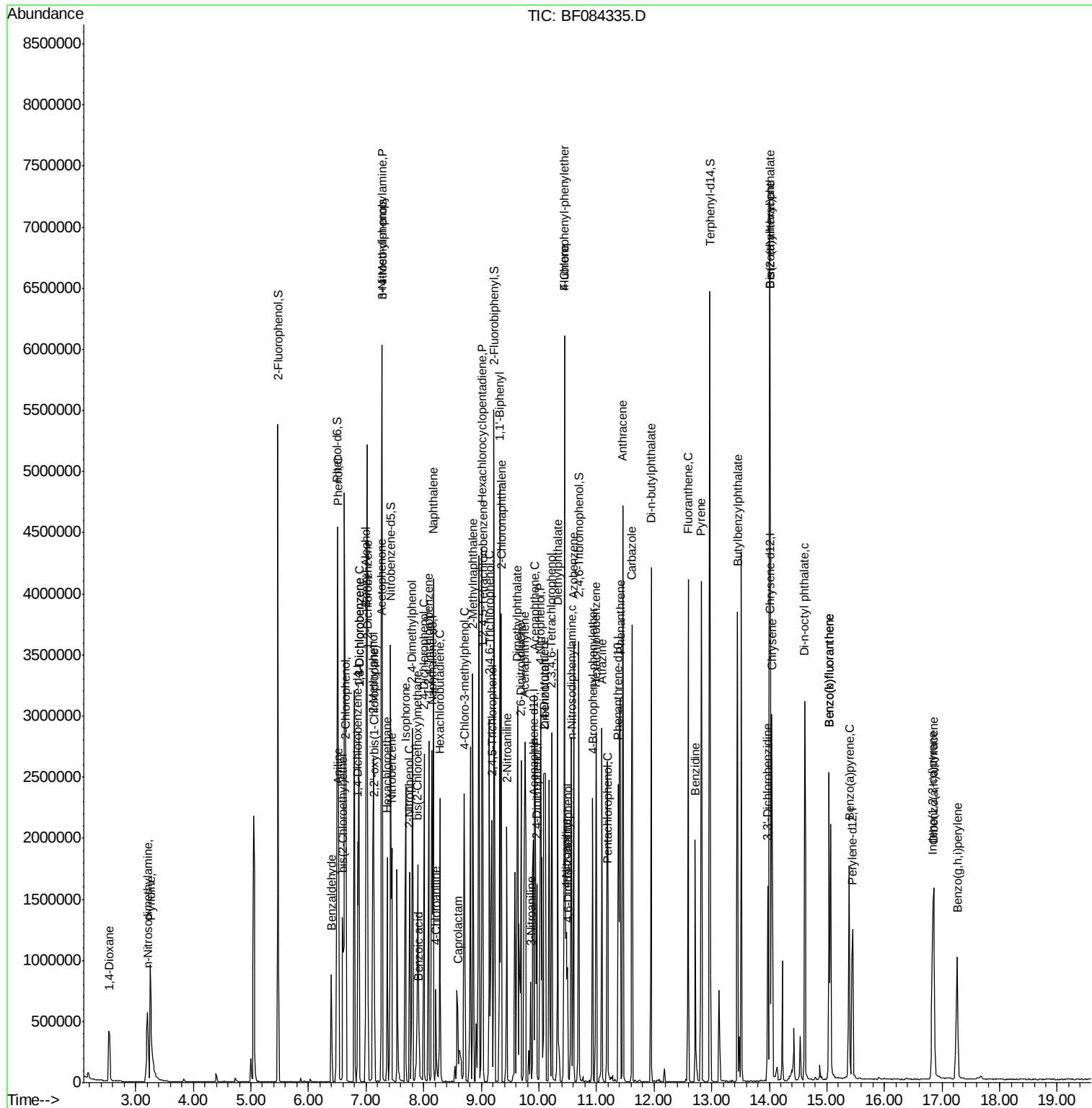
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	365708	30.89	ng	94
43) 2,4,5-Trichlorophenol	9.18	196	374659	33.01	ng	95
45) 1,1'-Biphenyl	9.32	154	1366430	31.23	ng	100
46) 2-Chloronaphthalene	9.34	162	1018442	29.64	ng	96
47) 2-Nitroaniline	9.45	65	406696	35.86	ng	# 79
48) Acenaphthylene	9.76	152	1604339	31.60	ng	98
49) Dimethylphthalate	9.63	163	1345094	34.18	ng	# 91
50) 2,6-Dinitrotoluene	9.69	165	299618	34.71	ng	# 68
51) Acenaphthene	9.93	154	1167086	34.27	ng	99
52) 3-Nitroaniline	9.86	138	196135	18.34	ng	# 68
53) 2,4-Dinitrophenol	9.96	184	230408	63.44	ng	93
54) Dibenzofuran	10.11	168	1503902	33.33	ng	99
55) 4-Nitrophenol	10.03	139	461065	59.39	ng	# 82
56) 2,4-Dinitrotoluene	10.09	165	343383	31.43	ng	# 84
57) Fluorene	10.44	166	1092269	31.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	303539	31.32	ng	95
59) Diethylphthalate	10.33	149	1263596	32.57	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	549371	36.72	ng	99
61) 4-Nitroaniline	10.48	138	328646	34.47	ng	# 81
62) Azobenzene	10.60	77	1400179	32.90	ng	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	186183	30.59	ng	81
65) n-Nitrosodiphenylamine	10.57	169	1038174	32.08	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	364897	33.50	ng	95
67) Hexachlorobenzene	10.99	284	360592	29.41	ng	# 82
68) Atrazine	11.09	200	377377	35.64	ng	97
69) Pentachlorophenol	11.20	266	349263	54.94	ng	99
70) Phenanthrene	11.41	178	1792589	33.86	ng	98
71) Anthracene	11.46	178	1693345	32.63	ng	98
72) Carbazole	11.62	167	1697251	33.45	ng	98
73) Di-n-butylphthalate	11.95	149	1926165	33.24	ng	# 96
74) Fluoranthene	12.59	202	1658855	30.00	ng	98
76) Benzidine	12.72	184	717460	25.11	ng	99
77) Pyrene	12.82	202	1692534	27.06	ng	98
79) Butylbenzylphthalate	13.45	149	867997	32.07	ng	97
80) Benzo(a)anthracene	14.01	228	1409934	30.13	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	294583	18.04	ng	# 96
82) Chrysene	14.04	228	1294013	28.78	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1035087	30.27	ng	# 97
84) Di-n-octyl phthalate	14.61	149	1744247	30.22	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.84	276	1069450	30.00	ng	99
87) Benzo(b)fluoranthene	15.04	252	1198855	29.12	ng	# 96
88) Benzo(k)fluoranthene	15.04	252	1198855	35.61	ng	98
89) Benzo(a)pyrene	15.39	252	1113713	31.90	ng	99
90) Dibenzo(a,h)anthracene	16.85	278	880028	29.29	ng	98
91) Benzo(g,h,i)perylene	17.27	276	879412	28.26	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

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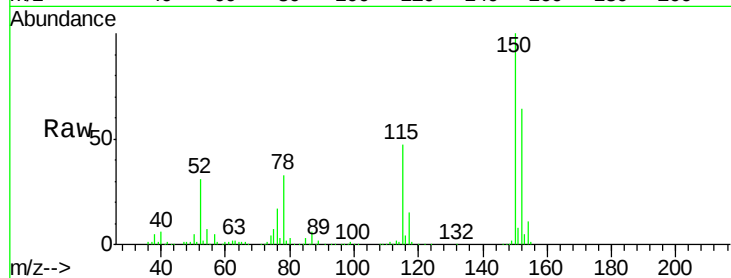
Tgt Ion:152 Resp: 271531

Ion Ratio Lower Upper

152 100

150 156.0 123.0 184.4

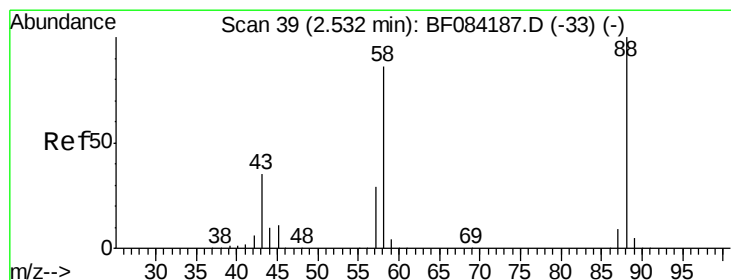
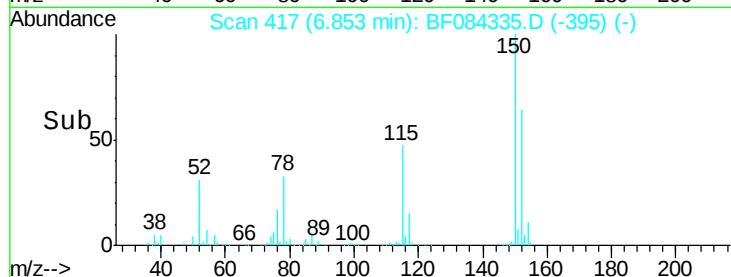
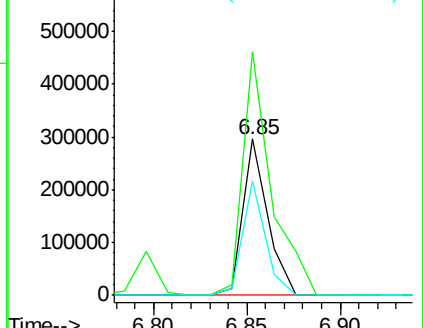
115 73.3 51.4 77.2



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: 27.39 ng

RT: 2.54 min Scan# 40

Delta R.T. 0.01 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

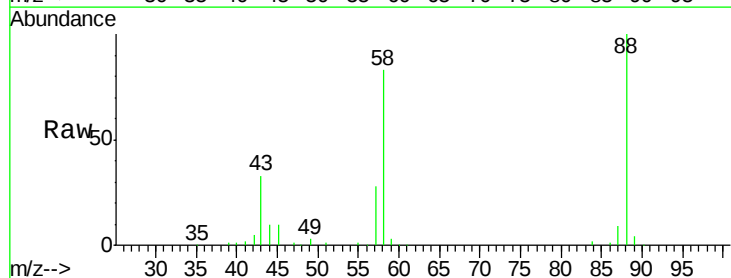
Tgt Ion: 88 Resp: 217833

Ion Ratio Lower Upper

88 100

58 84.6 51.2 76.8#

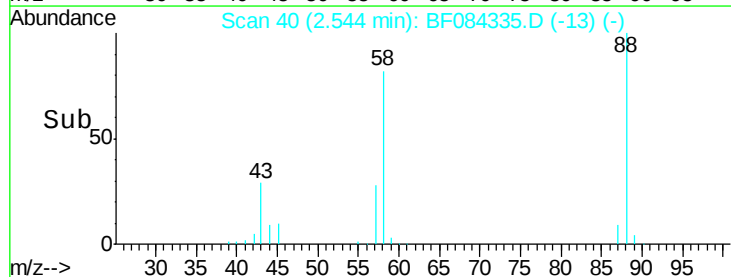
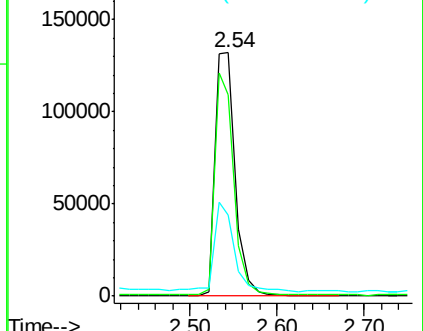
43 35.5 19.5 29.3#

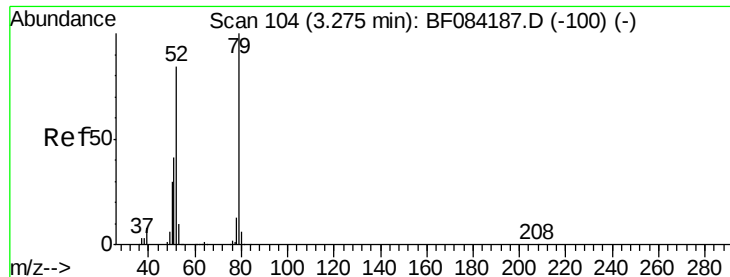


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.20 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.02 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

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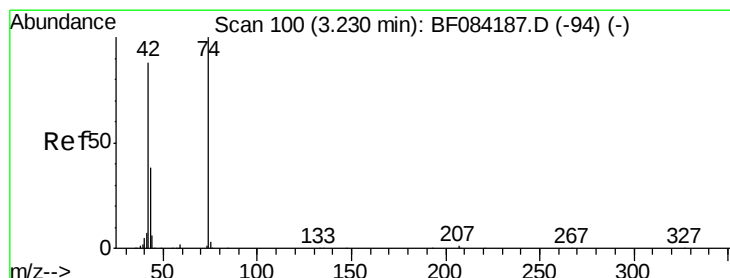
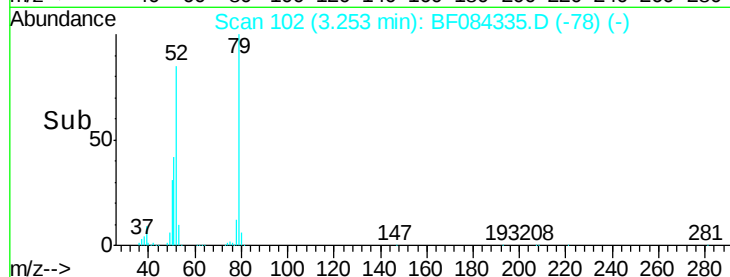
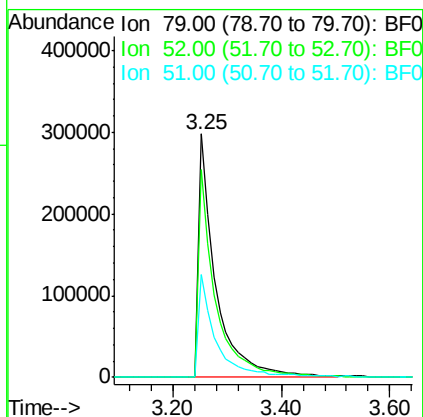
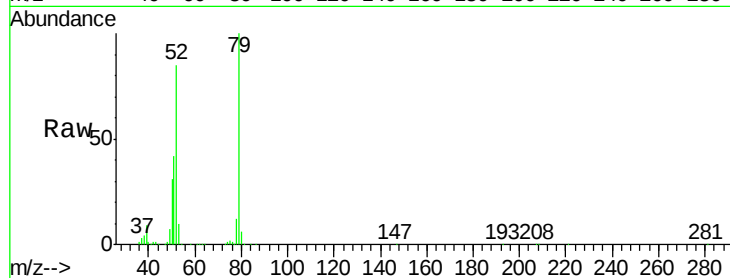
Tgt Ion: 79 Resp: 647474

Ion Ratio Lower Upper

79 100

52 85.1 49.0 73.4#

51 42.3 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 30.85 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.02 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

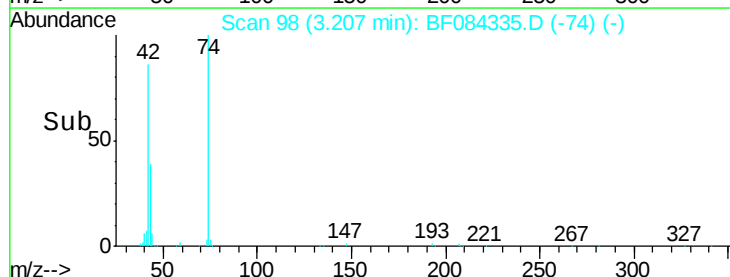
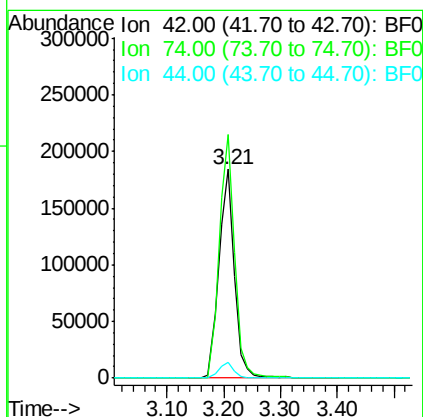
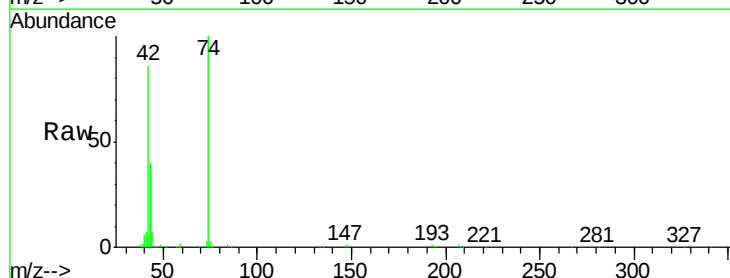
Tgt Ion: 42 Resp: 351119

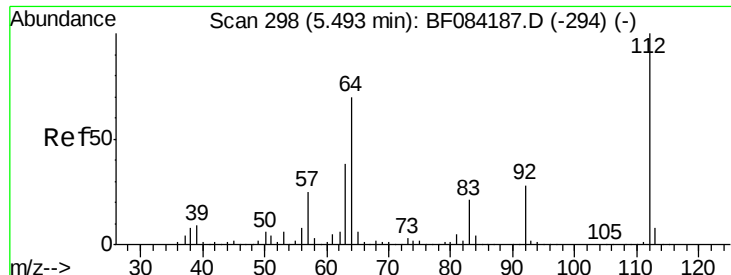
Ion Ratio Lower Upper

42 100

74 116.6 115.7 173.5

44 7.6 5.1 7.7





#5

2-Fluorophenol

Concen: 87.62 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084335.D

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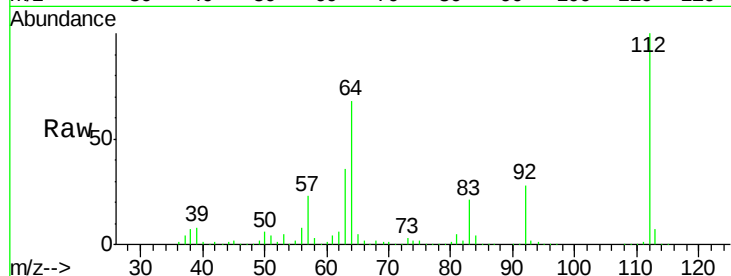
Tgt Ion: 112 Resp: 1470991

Ion Ratio Lower Upper

112 100

64 68.4 36.6 55.0#

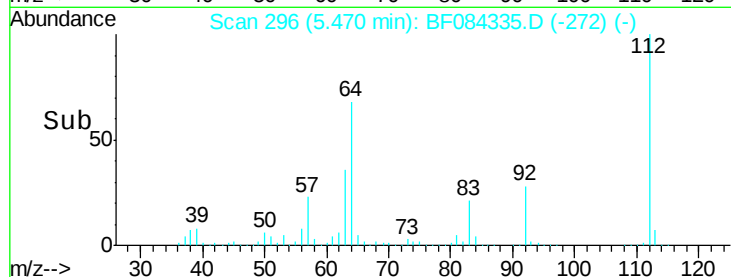
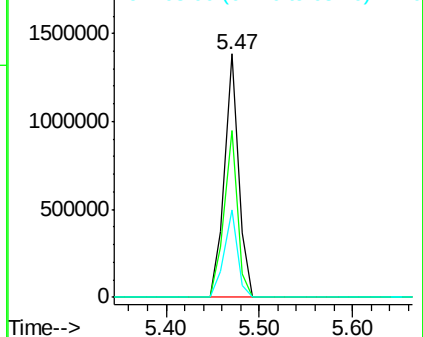
63 36.2 19.4 29.0#



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: 18.10 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

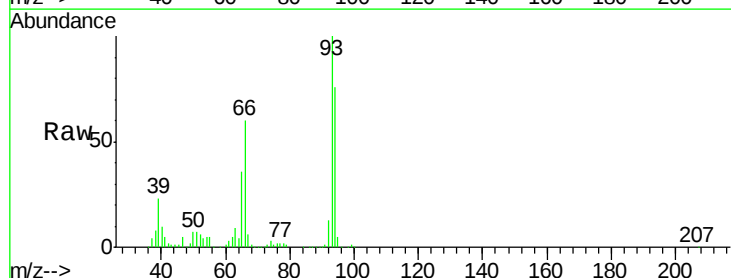
Tgt Ion: 93 Resp: 558213

Ion Ratio Lower Upper

93 100

66 60.2 44.9 67.3

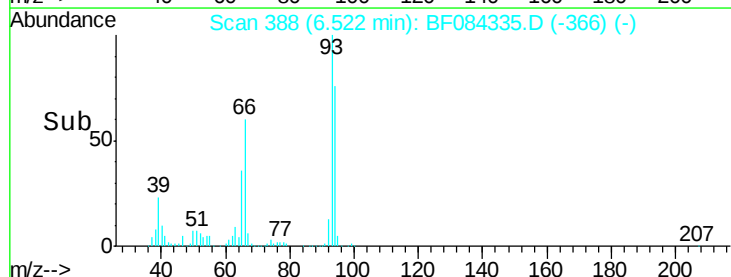
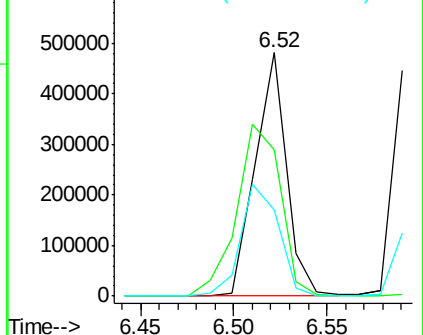
65 35.6 23.7 35.5#

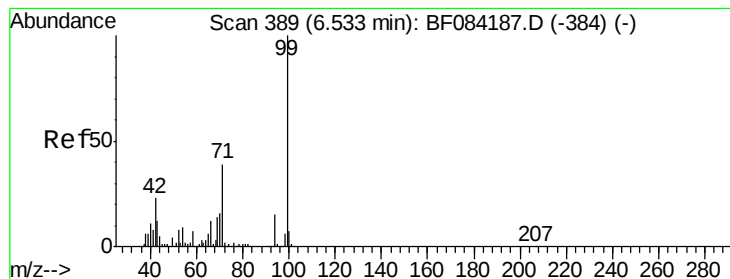


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 94.32 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

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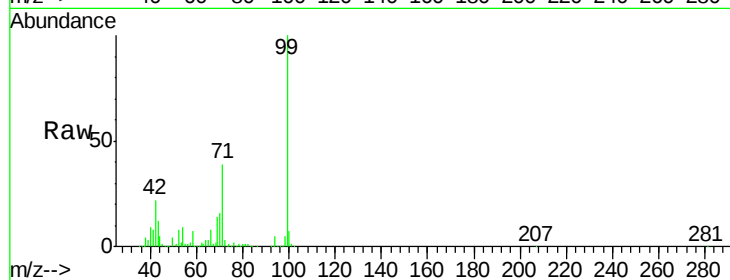
Tgt Ion: 99 Resp: 1988638

Ion Ratio Lower Upper

99 100

42 22.3 12.8 19.2#

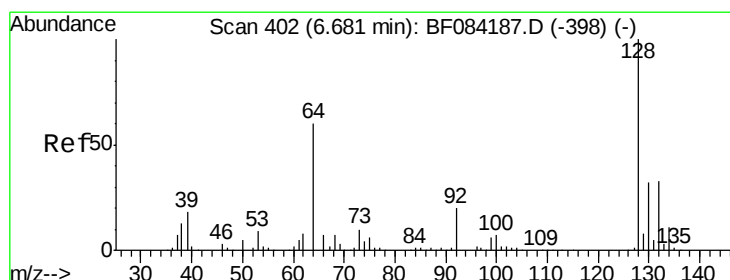
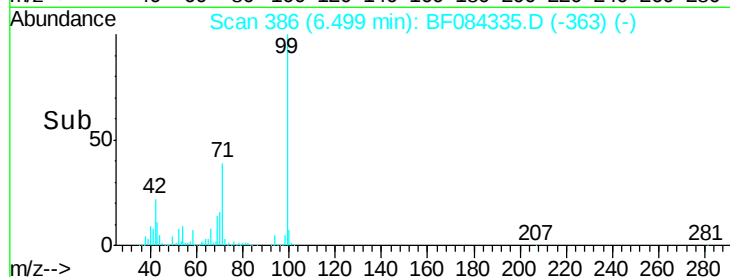
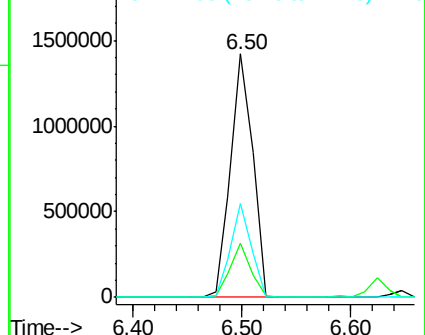
71 38.6 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.97 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

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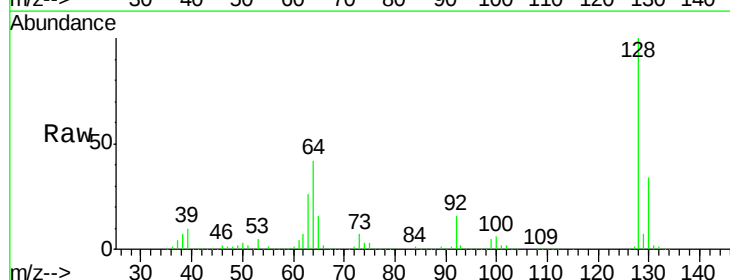
Tgt Ion: 128 Resp: 647038

Ion Ratio Lower Upper

128 100

130 34.0 11.6 51.6

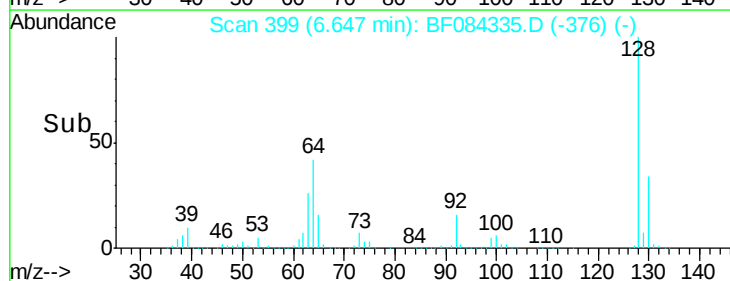
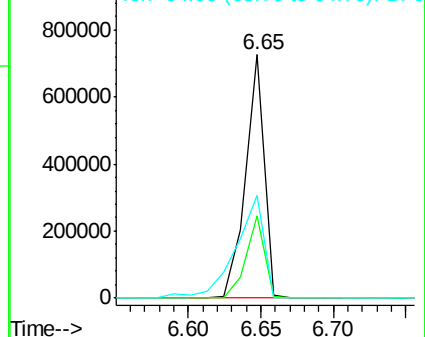
64 42.3 23.8 63.8

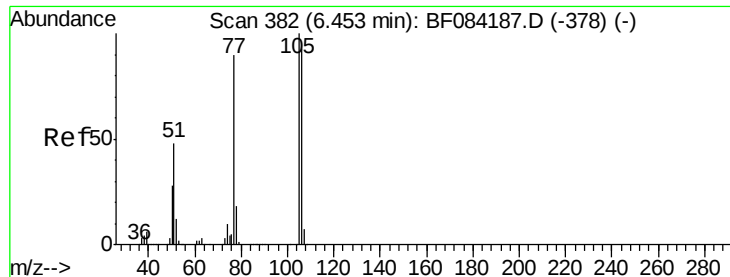


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.66 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.06 min

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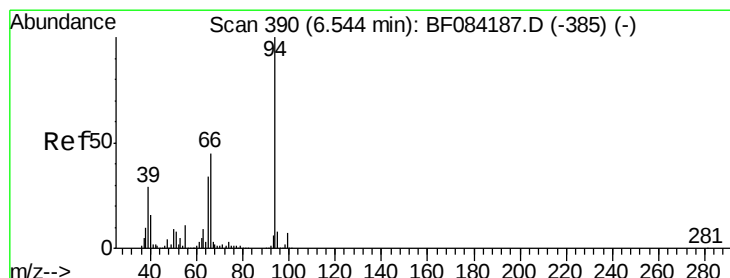
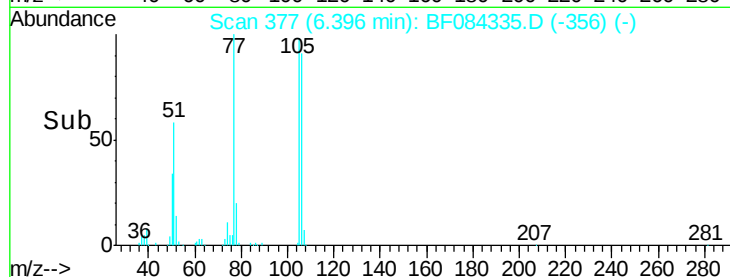
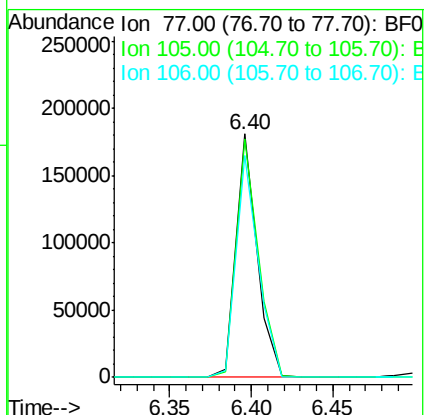
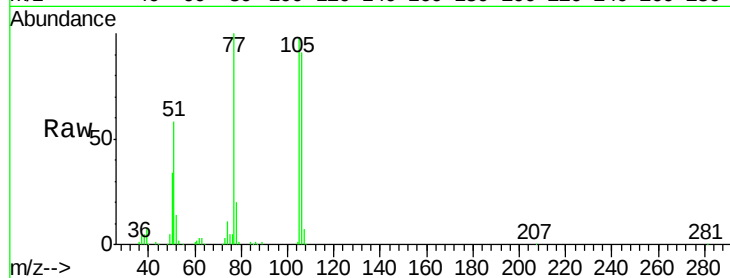
Tgt Ion: 77 Resp: 160078

Ion Ratio Lower Upper

77 100

105 97.7 83.0 123.0

106 91.0 74.6 114.6



#10

Phenol

Concen: 27.09 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.03 min

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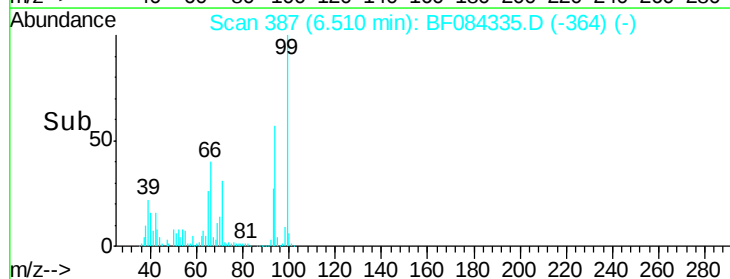
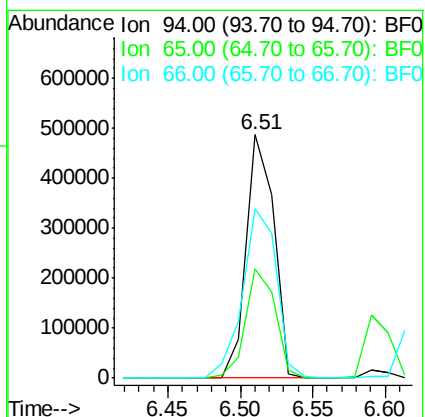
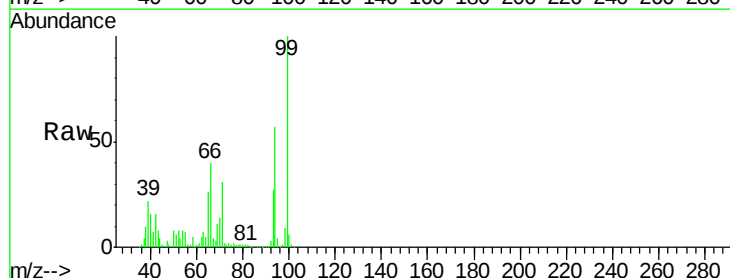
Tgt Ion: 94 Resp: 649343

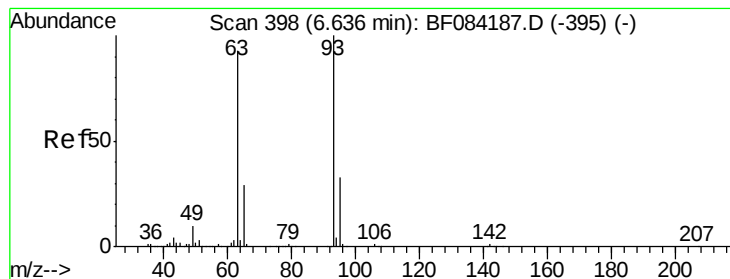
Ion Ratio Lower Upper

94 100

65 45.1 12.9 52.9

66 69.7 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 32.01 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

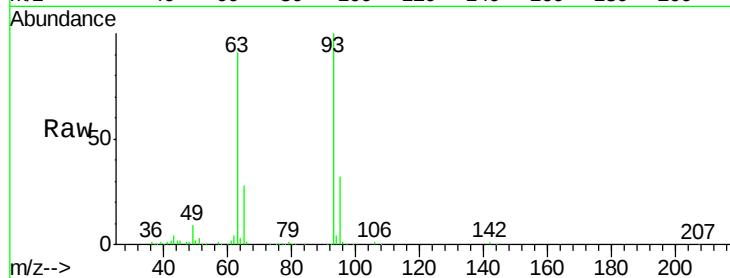
Tgt Ion: 93 Resp: 594342

Ion Ratio Lower Upper

93 100

63 91.1 45.9 85.9#

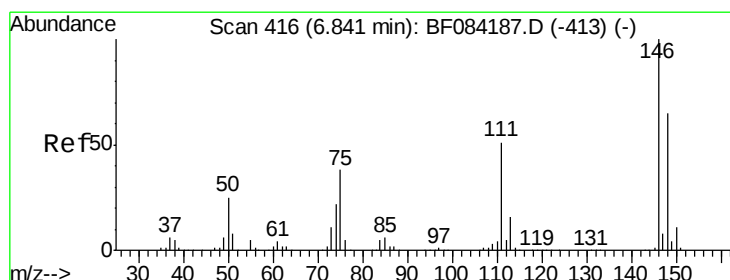
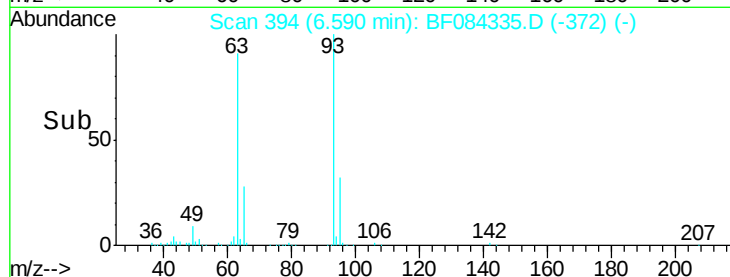
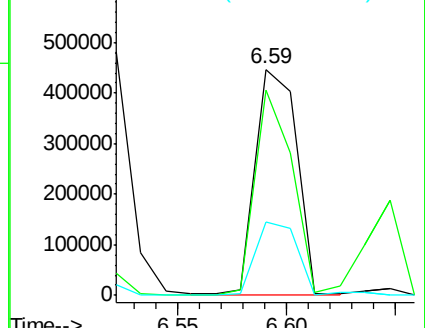
95 32.4 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 33.92 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.03 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

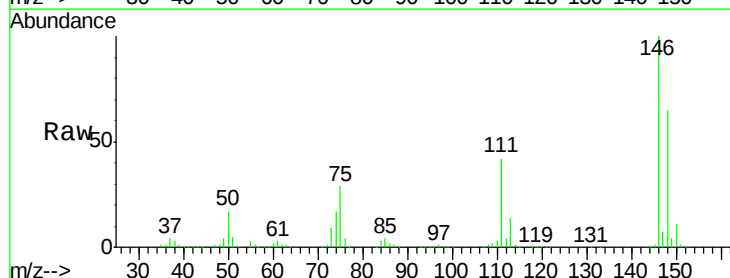
Tgt Ion: 146 Resp: 666403

Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

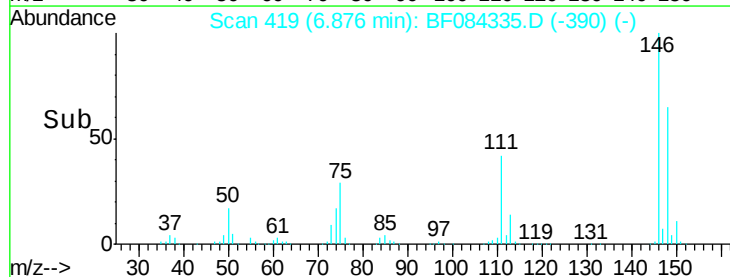
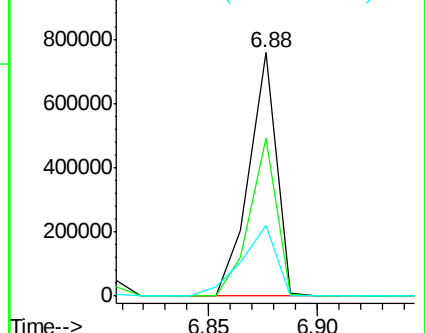
75 29.3 20.5 30.7

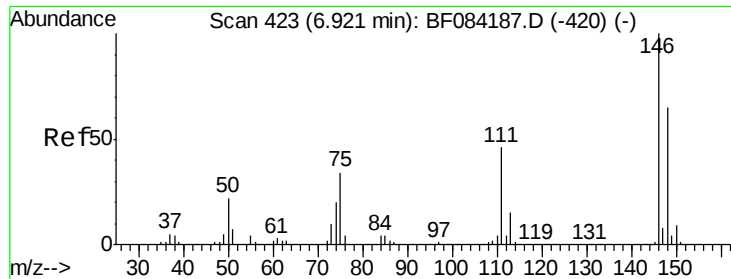


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

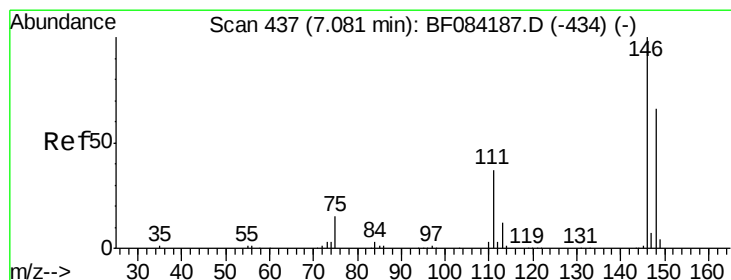
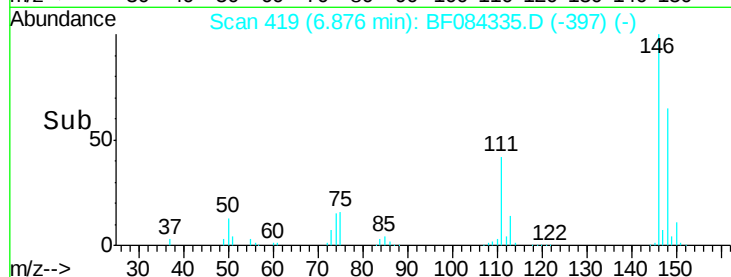
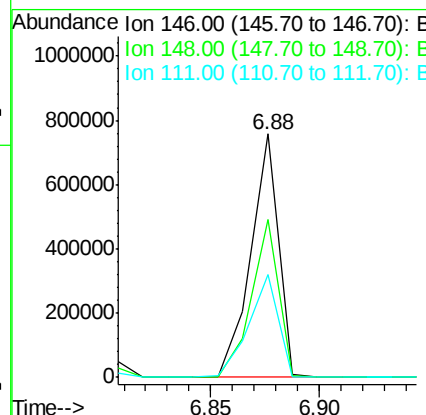
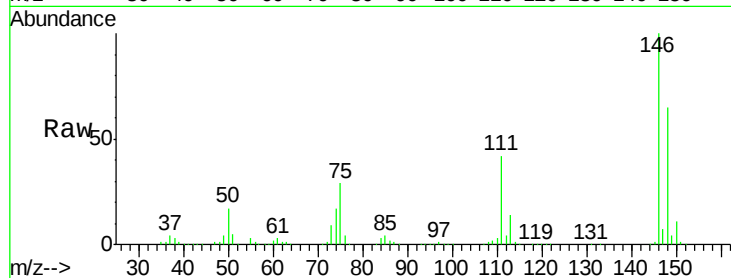




#13
 1,4-Dichlorobenzene
 Concen: 33.82 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.05 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

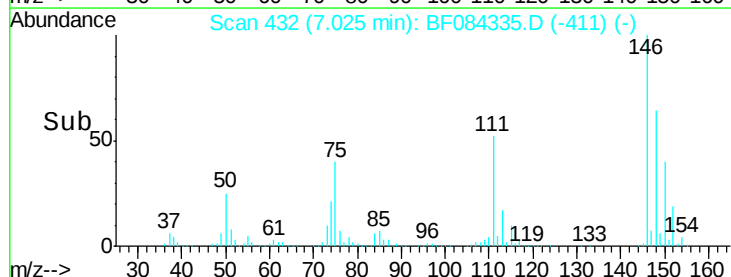
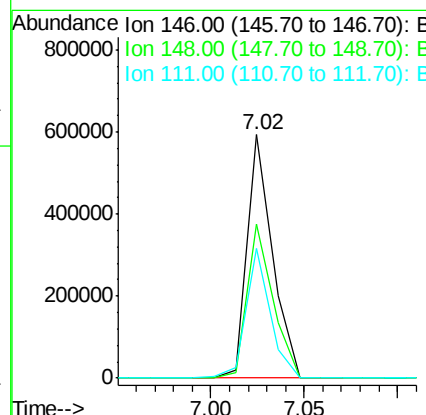
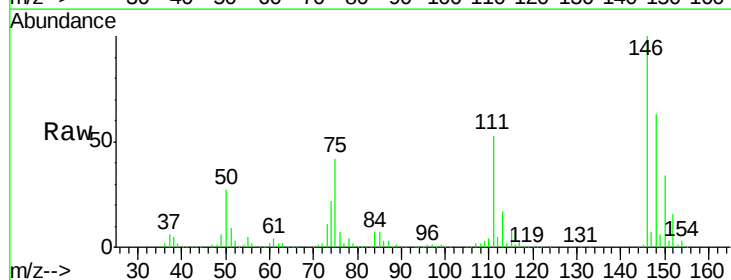
Instrument :
 BNA_F
 ClientSampleId :
 PB87715BS

Tgt Ion:146 Resp: 666403
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 42.5 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 29.60 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.06 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Tgt Ion:146 Resp: 558476
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.6 77.4
 111 53.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 29.48 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

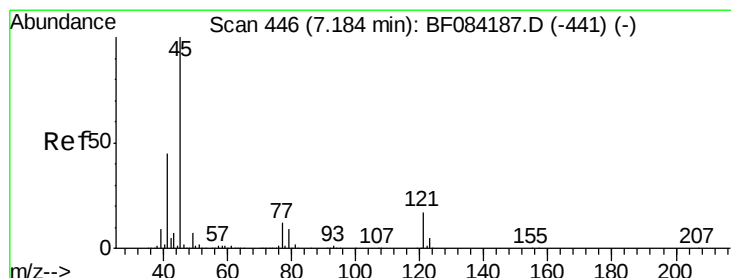
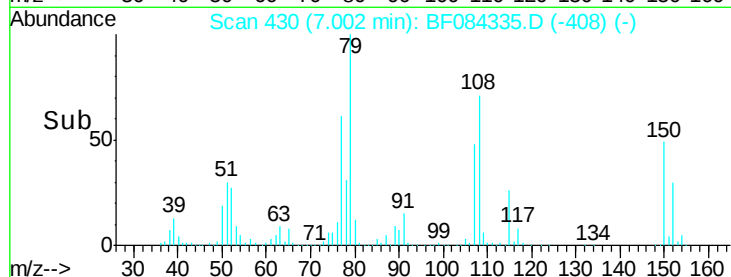
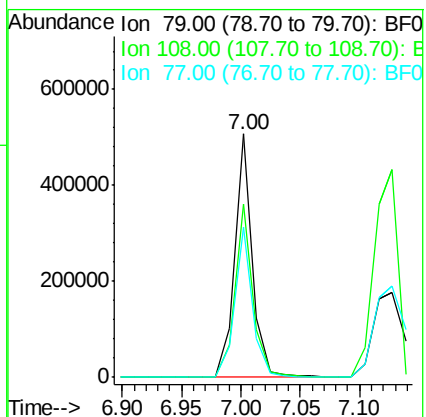
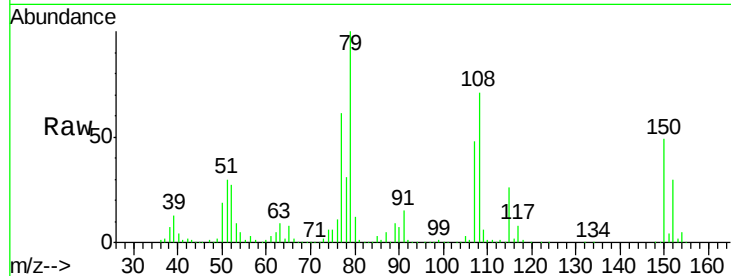
Tgt Ion: 79 Resp: 522864

Ion Ratio Lower Upper

79 100

108 71.2 69.0 103.4

77 61.5 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.08 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

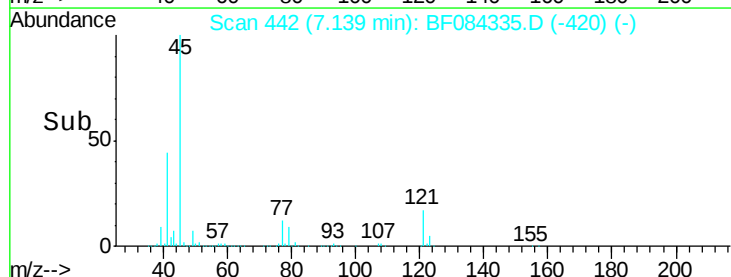
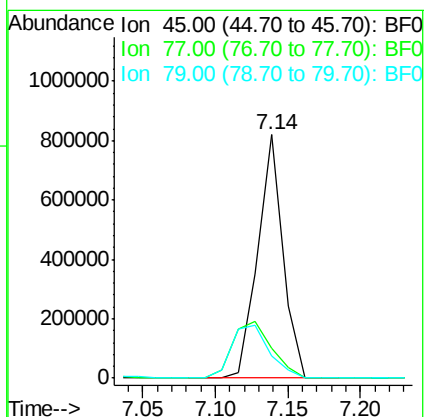
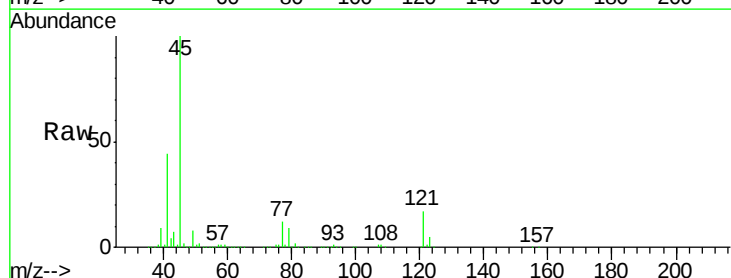
Tgt Ion: 45 Resp: 983518

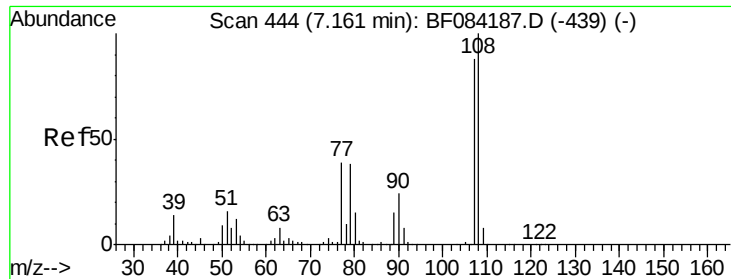
Ion Ratio Lower Upper

45 100

77 12.1 0.0 39.6

79 9.1 0.0 35.0

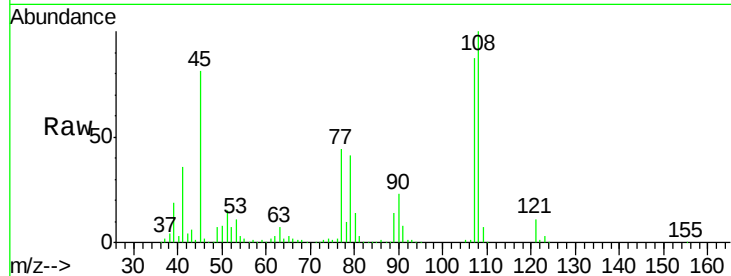




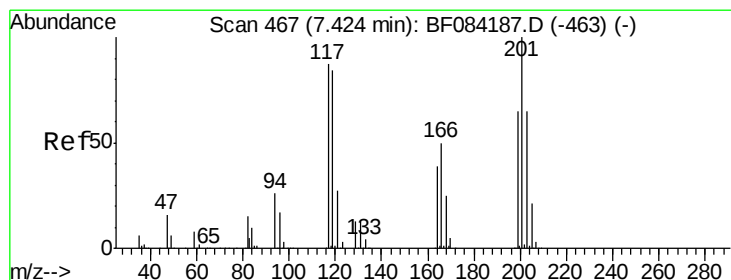
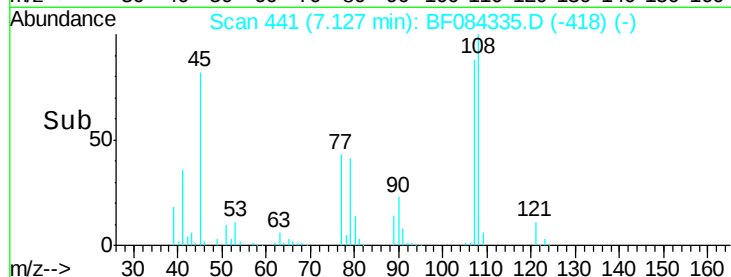
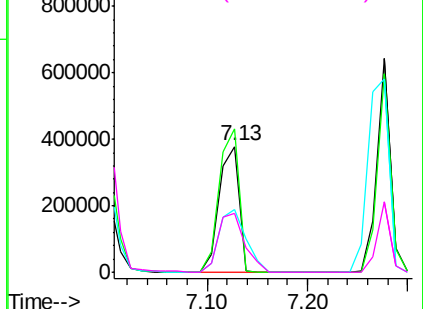
#17
2-Methylphenol
Concen: 32.57 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.03 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB87715BS

Tgt Ion:107 Resp: 519939
Ion Ratio Lower Upper
107 100
108 114.5 89.8 134.6
77 50.1 35.7 53.5
79 47.2 35.7 53.5

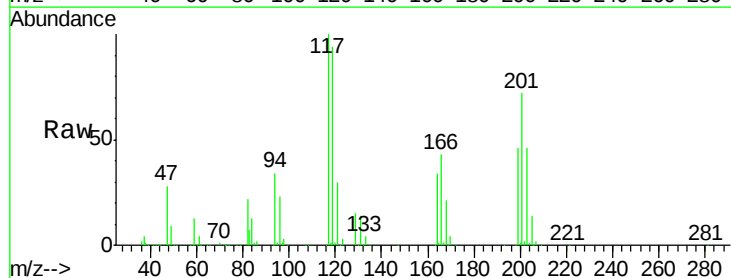


Abundance Ion 107.00 (106.70 to 107.70): E
1000000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

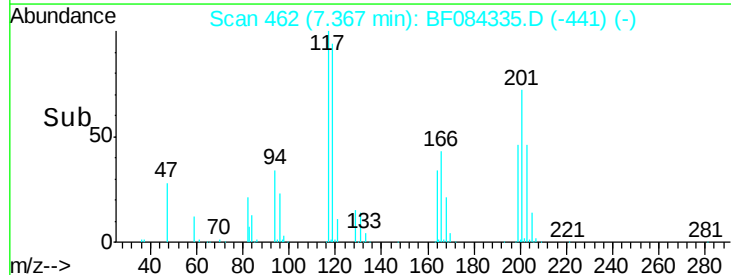
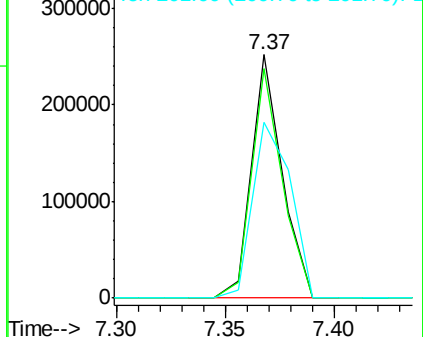


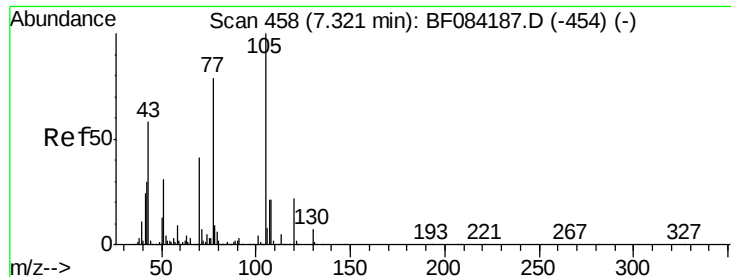
#18
Hexachloroethane
Concen: 31.23 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Tgt Ion:117 Resp: 246083
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0
201 72.3 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

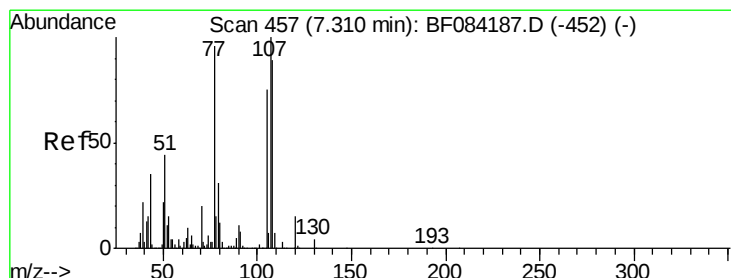
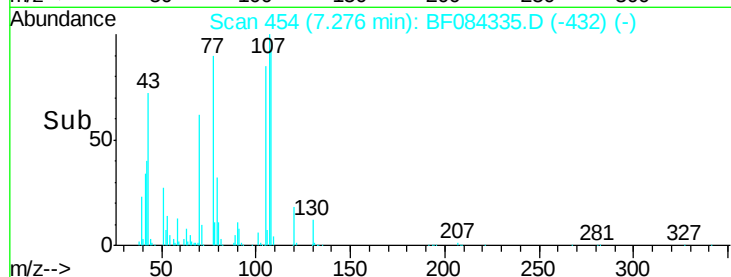
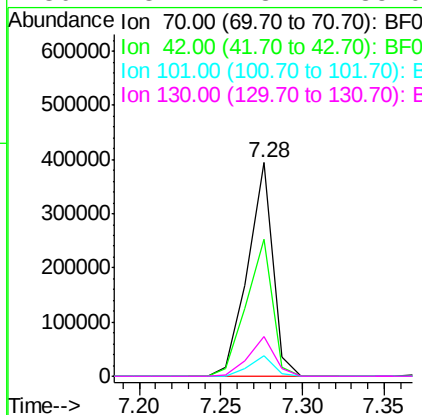
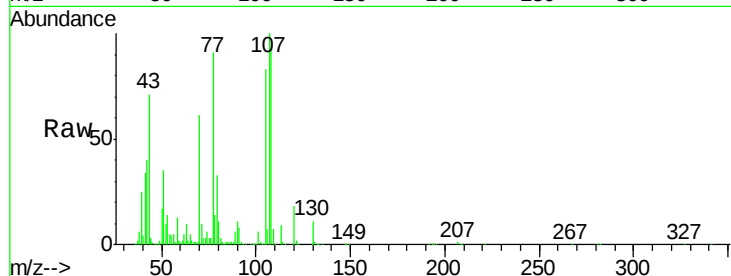




#19
n-Nitroso-di-n-propylamine
Concen: 29.49 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

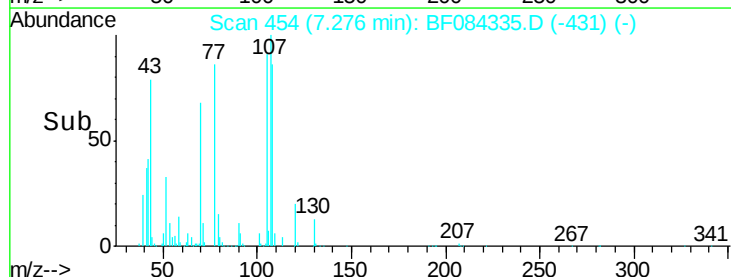
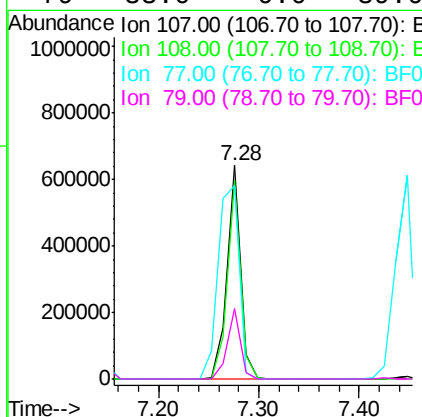
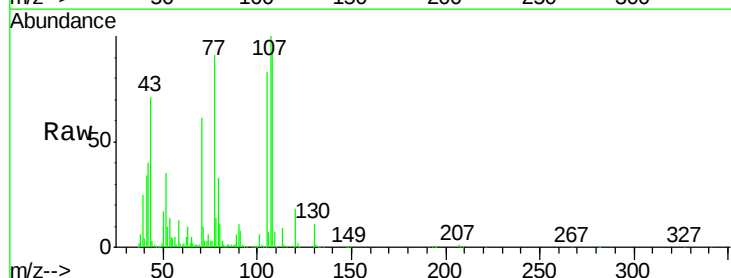
Instrument :
BNA_F
ClientSampleId :
PB87715BS

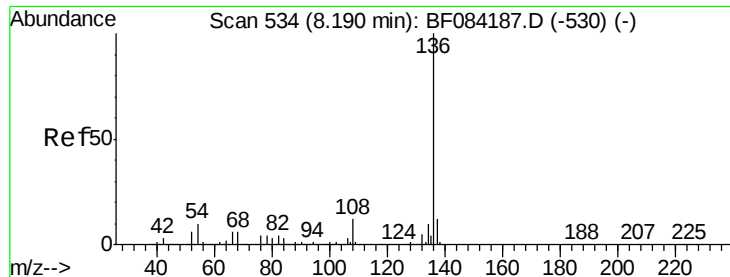
Tgt Ion:	70	Resp:	420935
Ion	Ratio	Lower	Upper
70	100		
42	64.4	33.3	49.9#
101	9.4	9.3	13.9
130	18.7	23.4	35.0#



#20
3+4-Methylphenols
Concen: 32.03 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Tgt Ion:	107	Resp:	600955
Ion	Ratio	Lower	Upper
107	100		
108	92.9	74.6	114.6
77	90.6	0.7	40.7#
79	33.0	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

Tgt Ion:136 Resp: 1185013

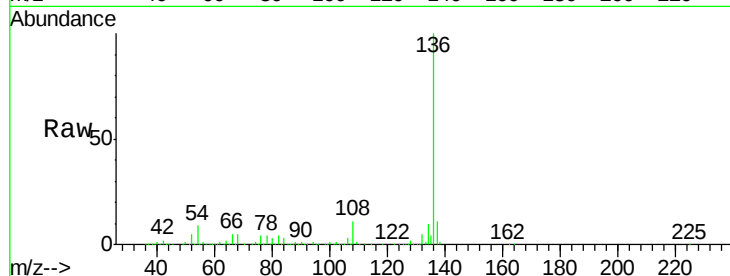
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.1 5.8 8.8#

68 5.1 4.2 6.2

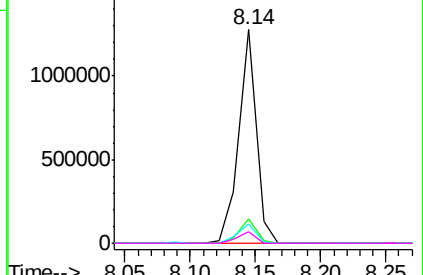
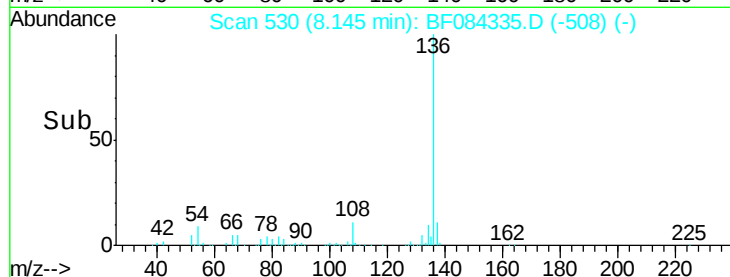


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.50 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.06 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Tgt Ion:105 Resp: 868990

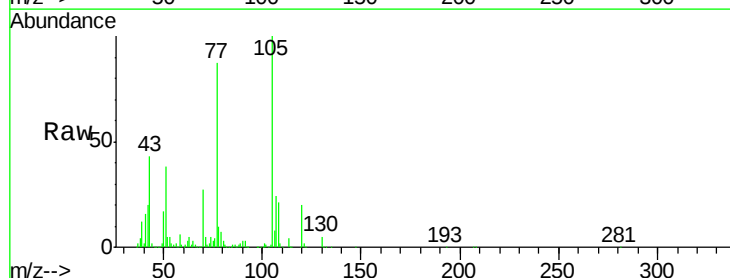
Ion Ratio Lower Upper

105 100

71 4.7 3.7 5.5

51 37.8 25.1 37.7#

120 20.3 16.6 25.0

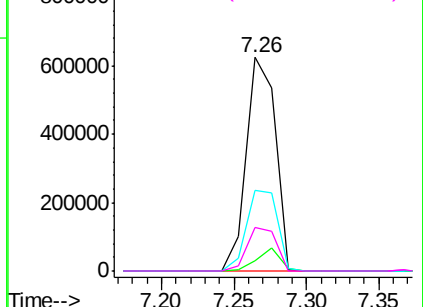
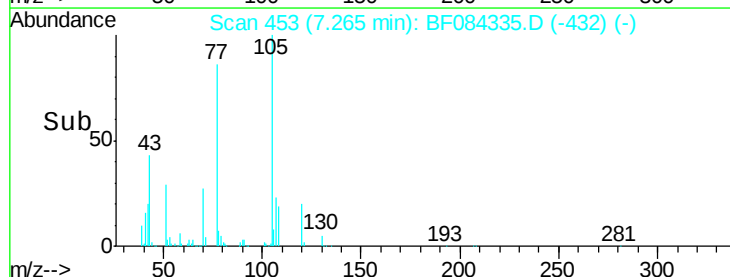


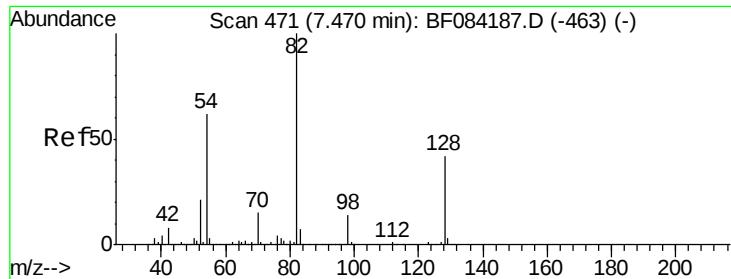
Abundance Ion 105.00 (104.70 to 105.70): E

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

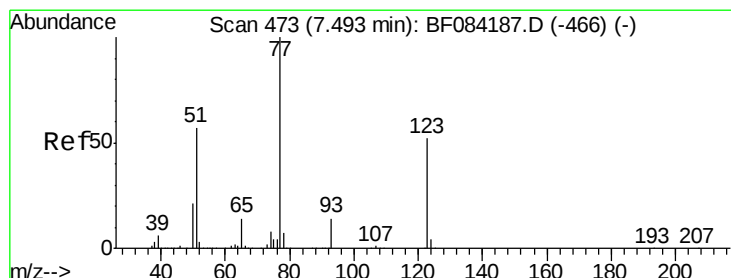
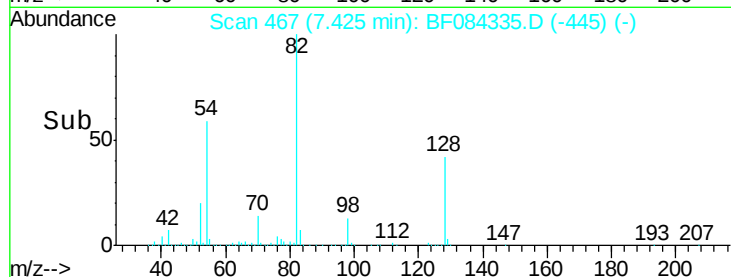
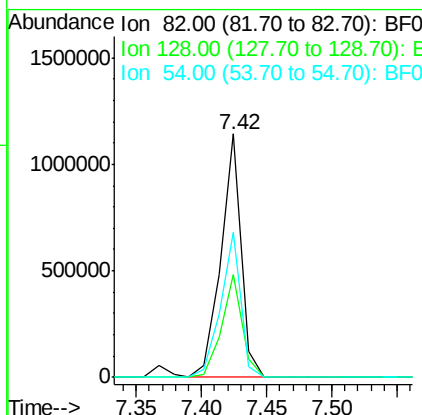
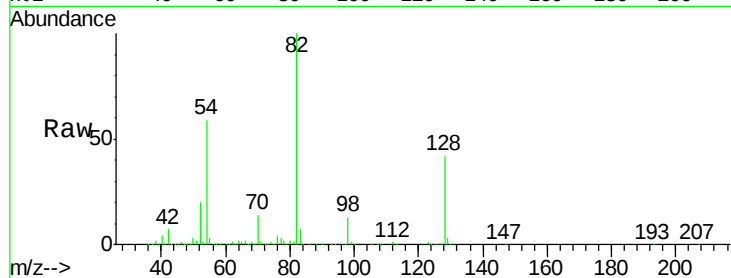




#23
 Nitrobenzene-d5
 Concen: 58.04 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

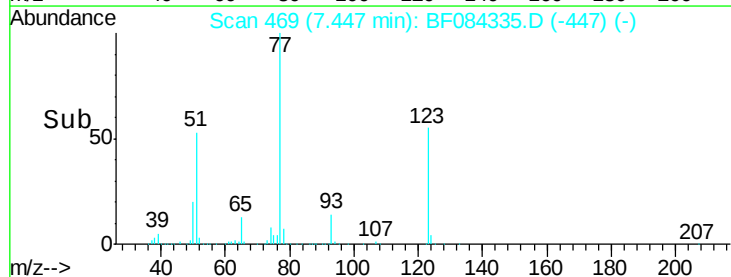
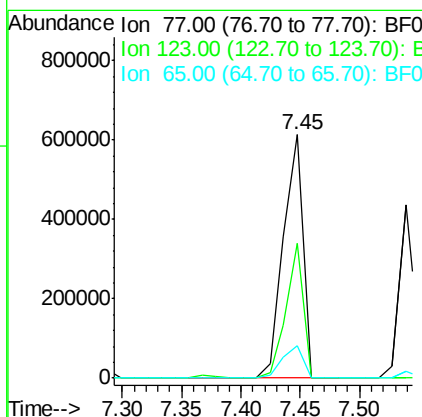
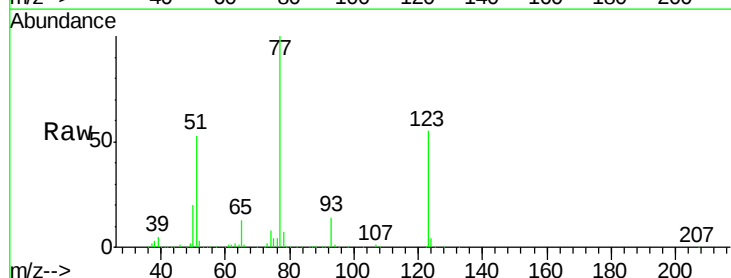
Instrument :
 BNA_F
 ClientSampleId :
 PB87715BS

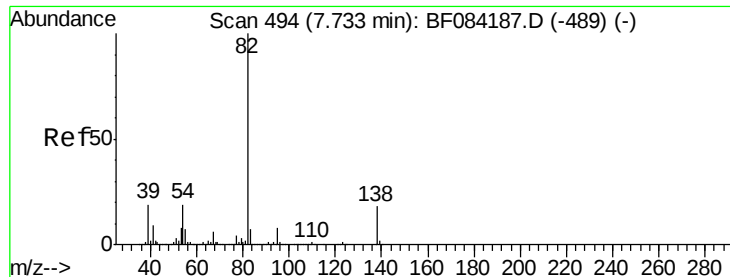
Tgt Ion: 82 Resp: 1235739
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 51.8
 54 59.3 38.4 57.6#



#24
 Nitrobenzene
 Concen: 32.09 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.05 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Tgt Ion: 77 Resp: 692946
 Ion Ratio Lower Upper
 77 100
 123 55.1 37.4 56.2
 65 13.3 10.9 16.3





#25

Isophorone

Concen: 30.17 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

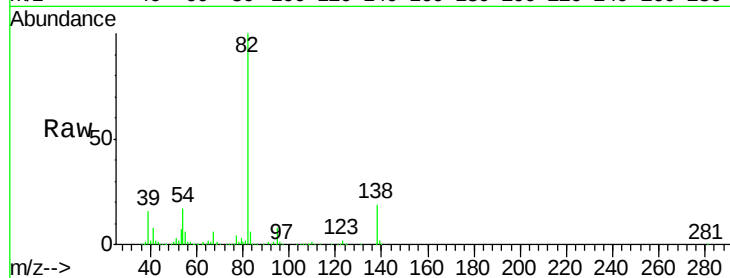
Tgt Ion: 82 Resp: 1228624

Ion Ratio Lower Upper

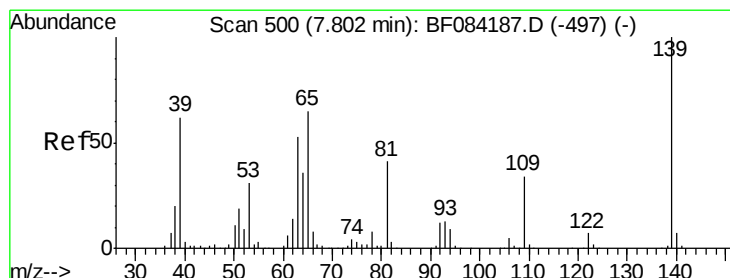
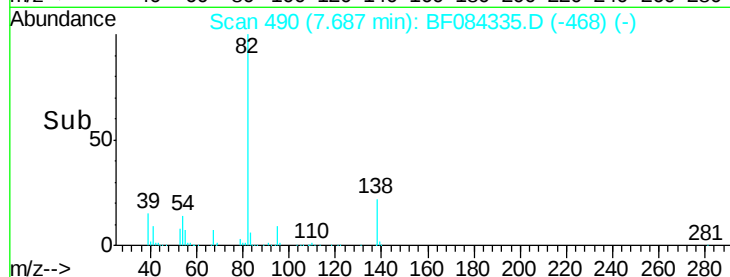
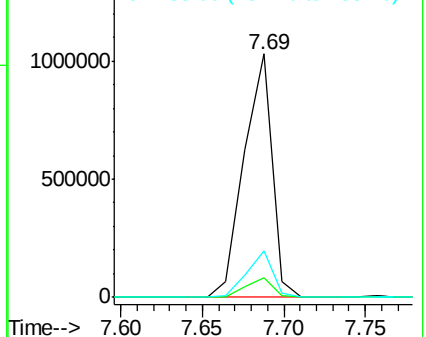
82 100

95 7.9 6.6 10.0

138 19.2 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: 31.43 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

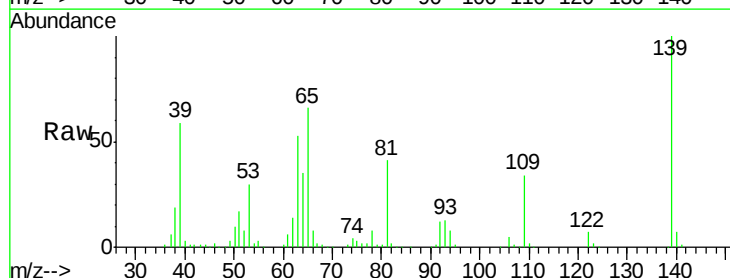
Tgt Ion: 139 Resp: 308900

Ion Ratio Lower Upper

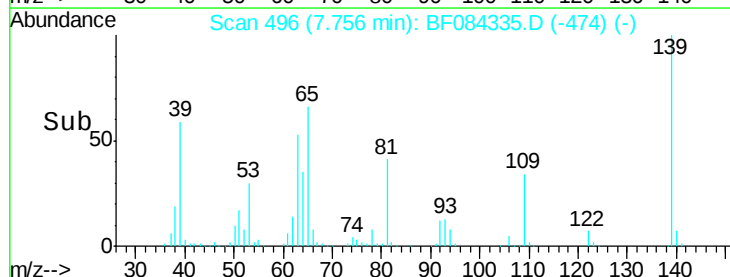
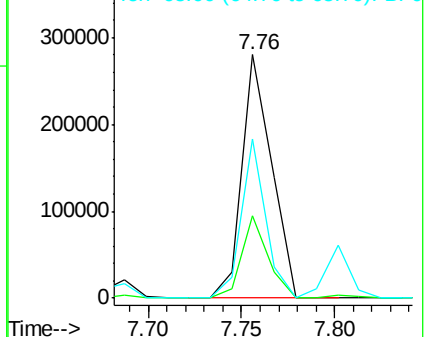
139 100

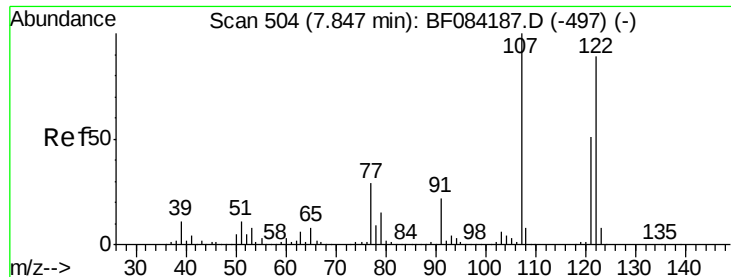
109 34.0 25.4 38.2

65 65.6 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 27.84 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

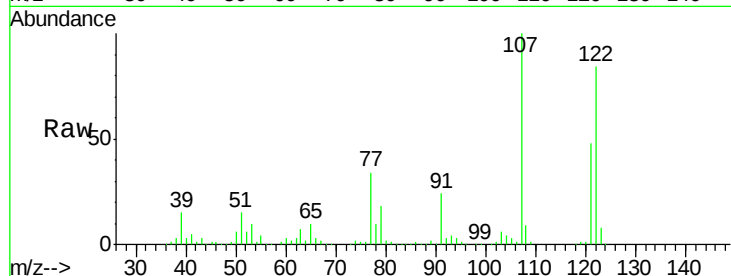
Tgt Ion:122 Resp: 553824

Ion Ratio Lower Upper

122 100

107 119.7 99.1 148.7

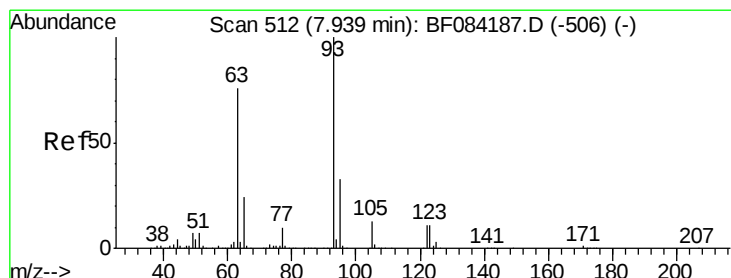
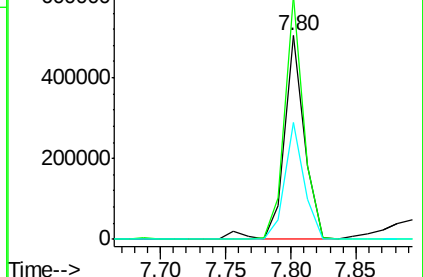
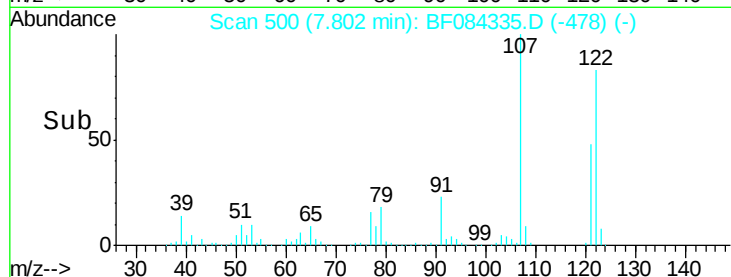
121 57.5 47.9 71.9



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: 28.46 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

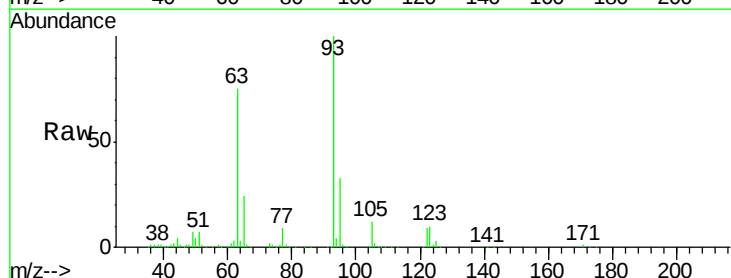
Tgt Ion: 93 Resp: 707918

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

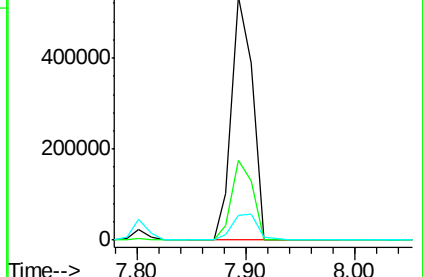
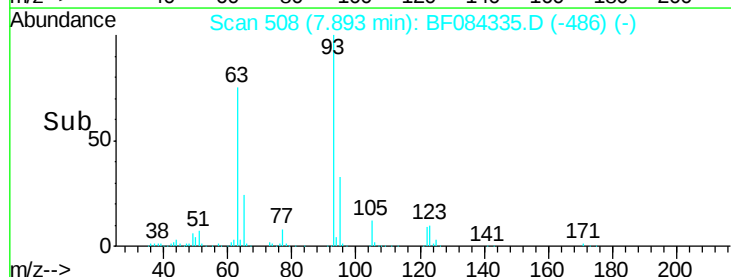
123 10.2 8.6 12.8



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

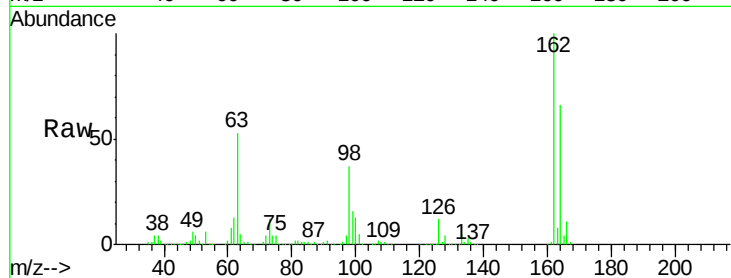




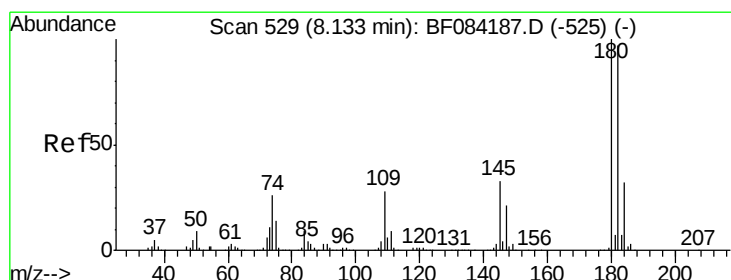
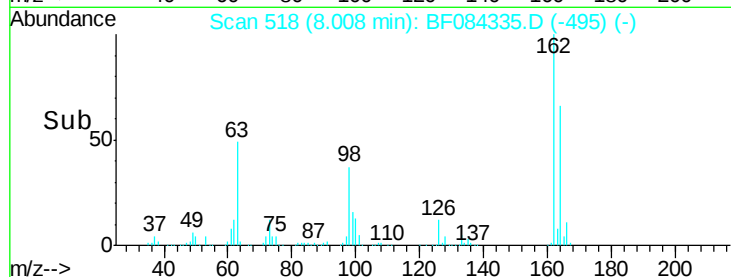
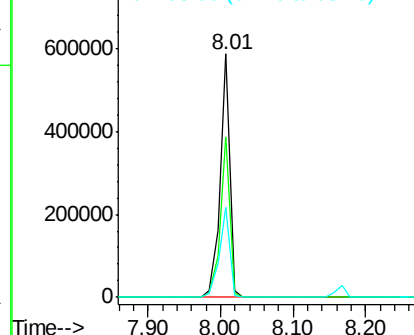
#29
2,4-Dichlorophenol
Concen: 32.69 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB87715BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.1	84.1
98	36.9	20.2	60.2

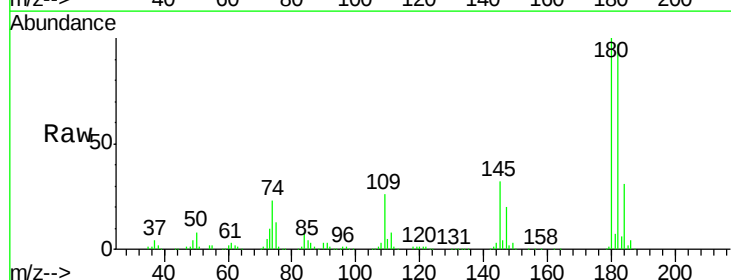


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

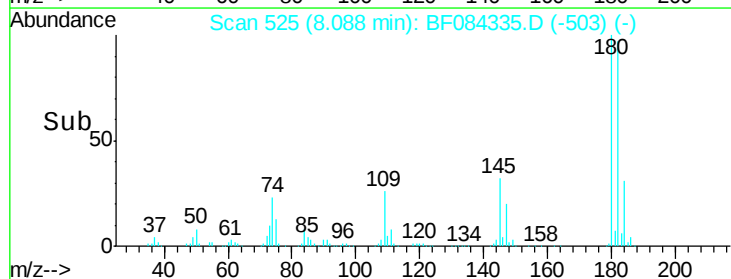
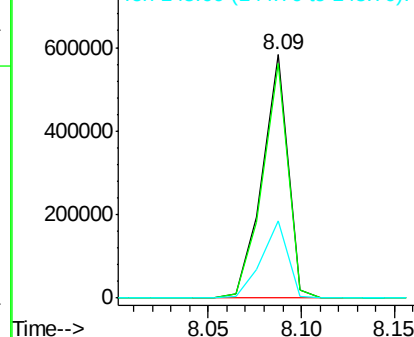


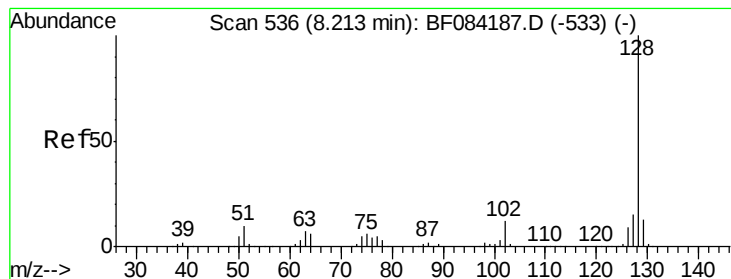
#30
1,2,4-Trichlorobenzene
Concen: 32.35 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.4	114.6
145	31.5	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: 32.60 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

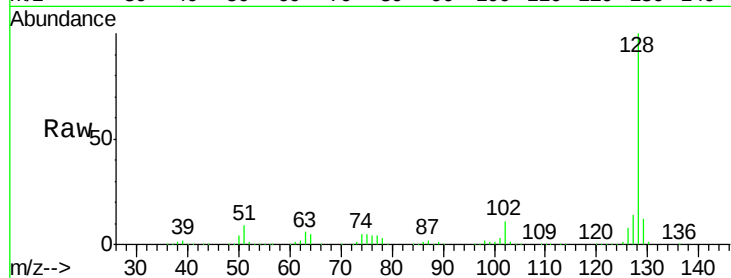
Tgt Ion:128 Resp: 1752562

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

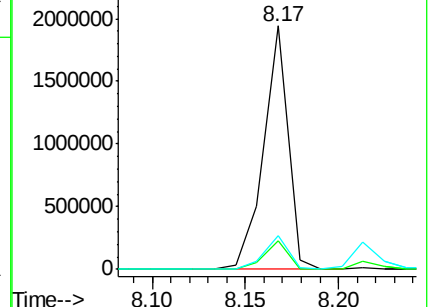
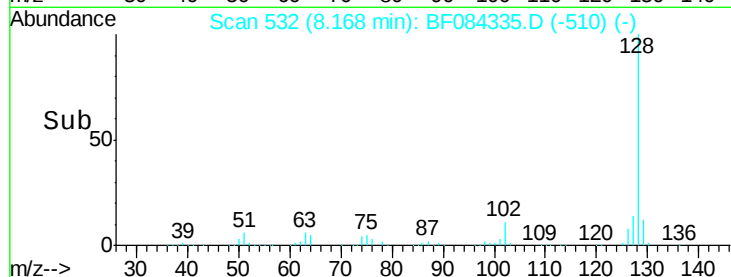
127 14.0 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.93 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

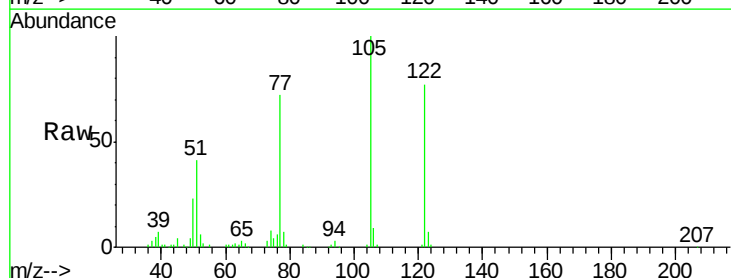
Tgt Ion:122 Resp: 230674

Ion Ratio Lower Upper

122 100

105 129.9 100.3 140.3

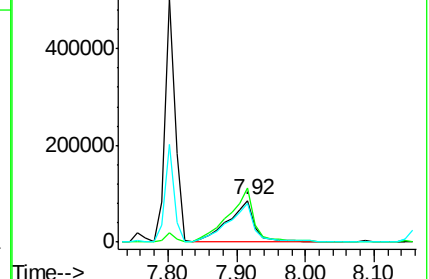
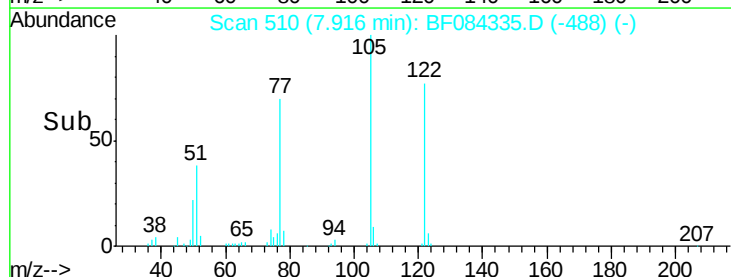
77 94.0 63.5 103.5

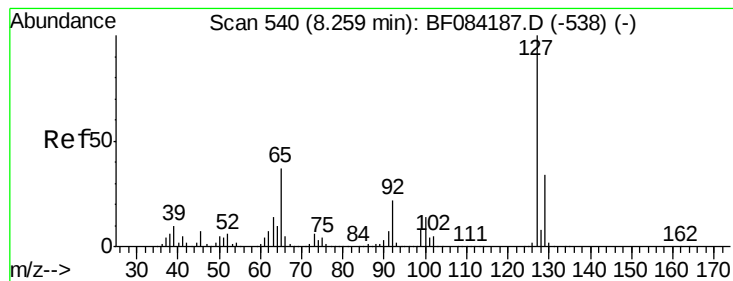


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.13 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

Tgt Ion:127 Resp: 225123

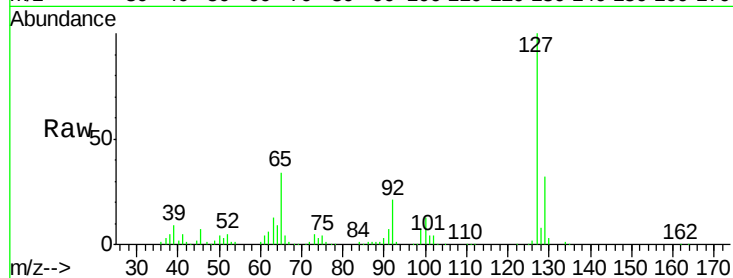
Ion Ratio Lower Upper

127 100

129 32.3 26.5 39.7

65 33.8 27.2 40.8

92 20.8 17.7 26.5

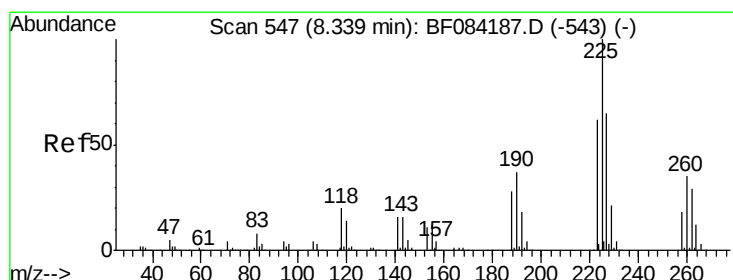
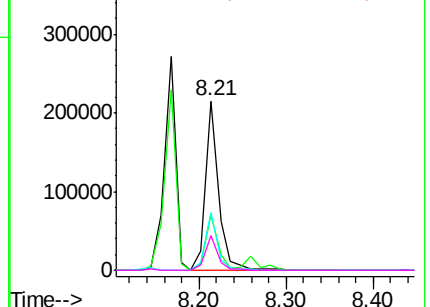
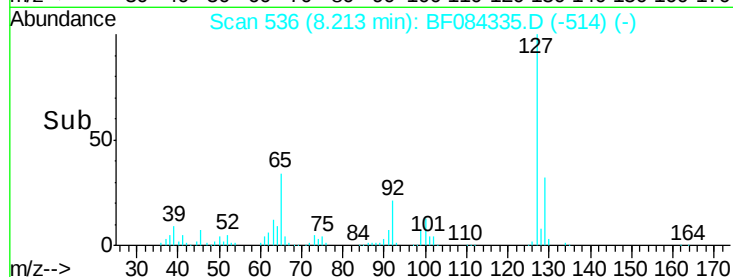


Abundance Ion 127.00 (126.70 to 127.70): E

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: 30.68 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.06 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

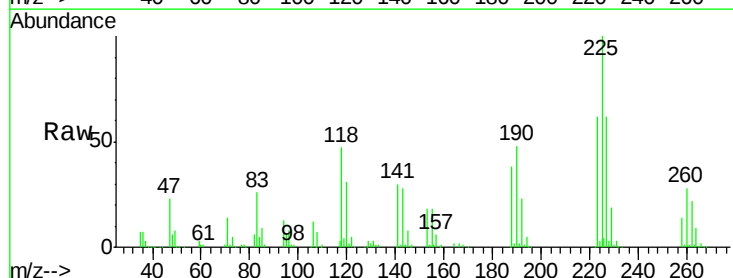
Tgt Ion:225 Resp: 301673

Ion Ratio Lower Upper

225 100

223 62.3 49.4 74.0

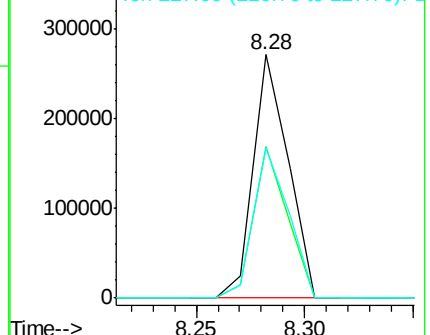
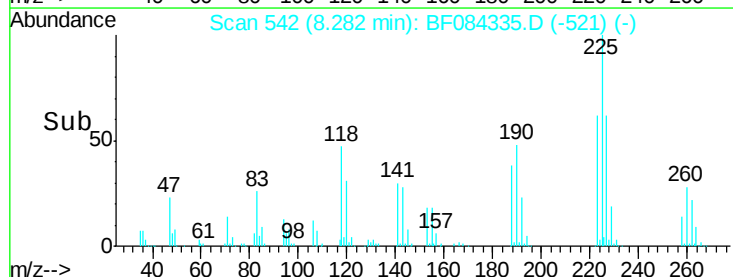
227 61.9 50.8 76.2

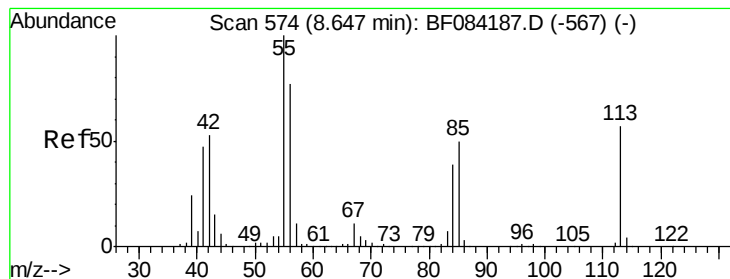


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.99 ng

RT: 8.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

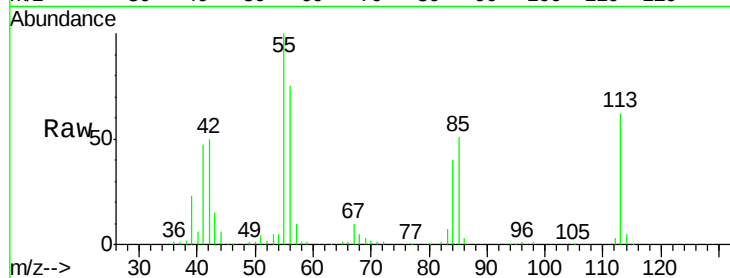
Tgt Ion:113 Resp: 128438

Ion Ratio Lower Upper

113 100

55 161.6 116.9 156.9#

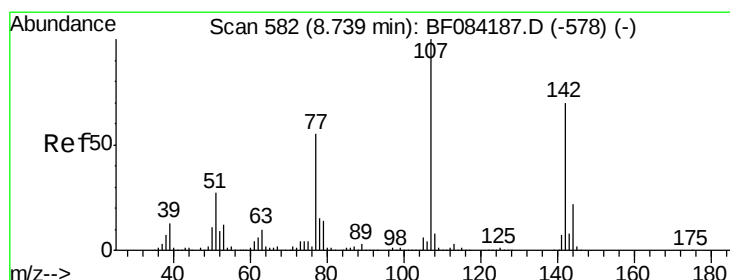
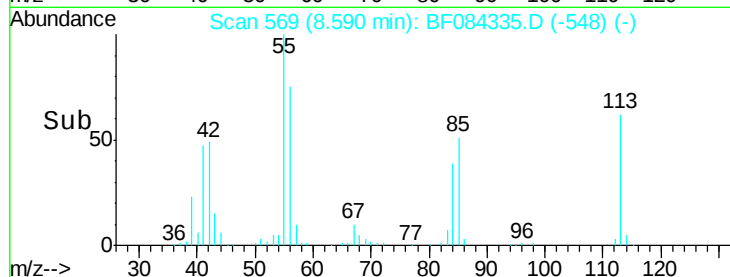
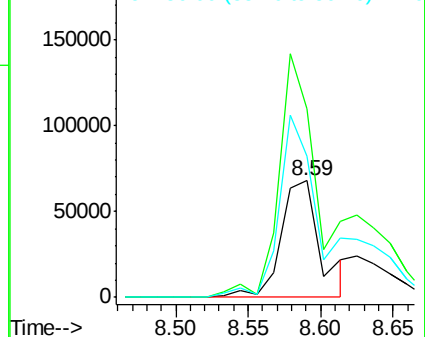
56 121.3 93.8 133.8



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: 30.67 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.03 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

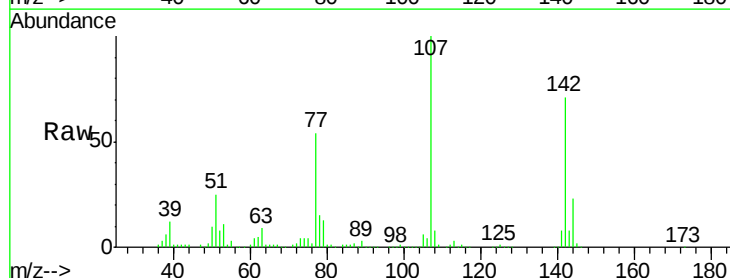
Tgt Ion:107 Resp: 569377

Ion Ratio Lower Upper

107 100

144 22.8 19.7 29.5

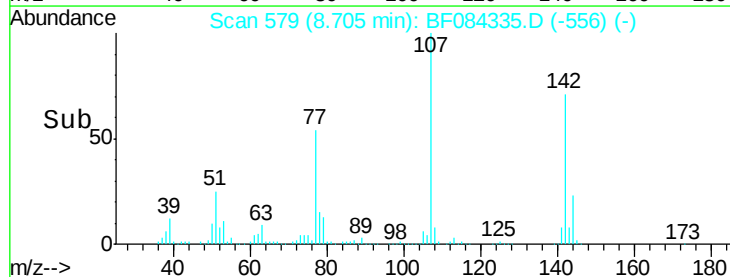
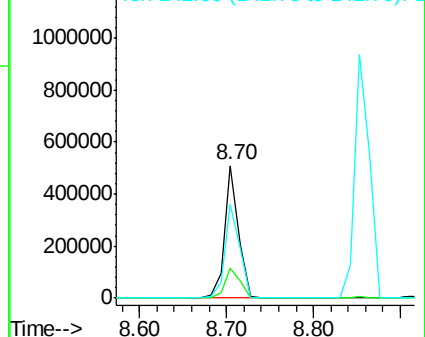
142 70.9 61.8 92.6

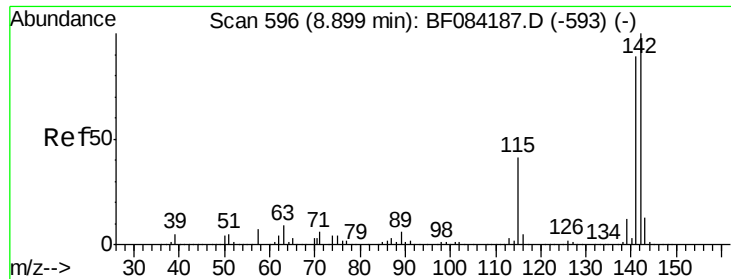


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

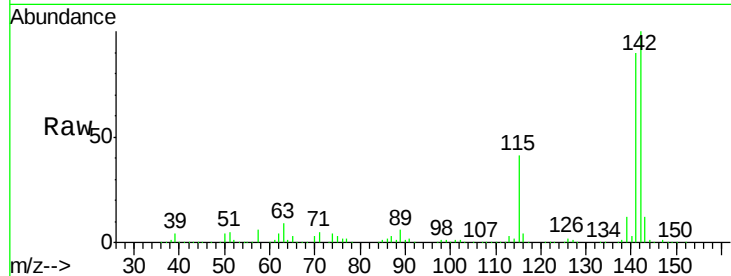




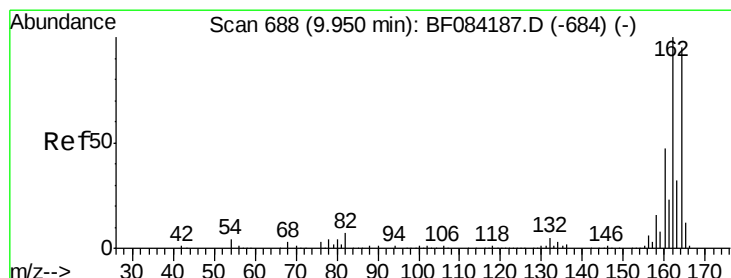
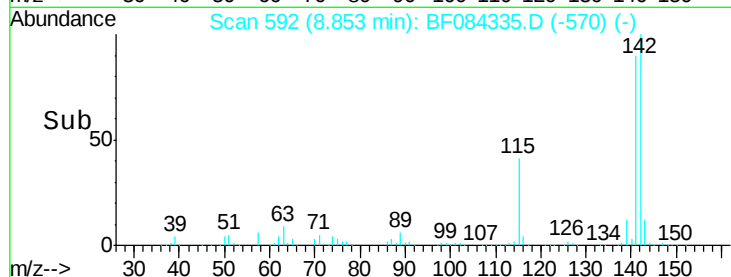
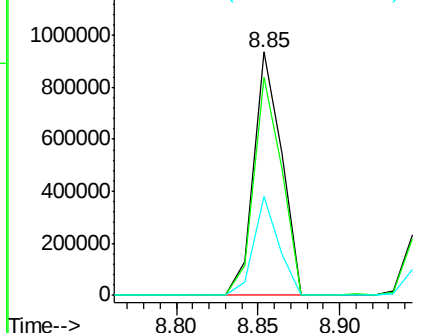
#37
 2-Methylnaphthalene
 Concen: 28.82 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.05 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB87715BS

Tgt Ion:142 Resp: 1112262
 Ion Ratio Lower Upper
 142 100
 141 89.8 72.4 108.6
 115 40.6 27.9 41.9

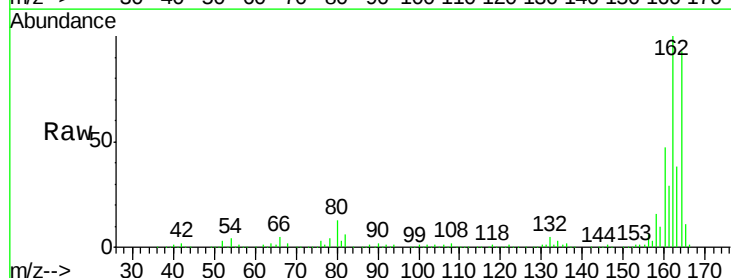


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

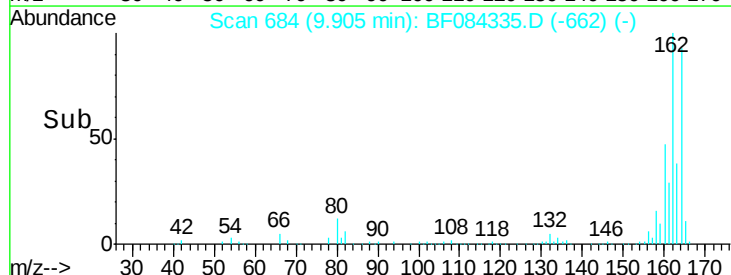
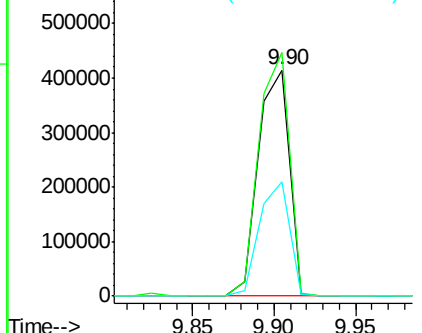


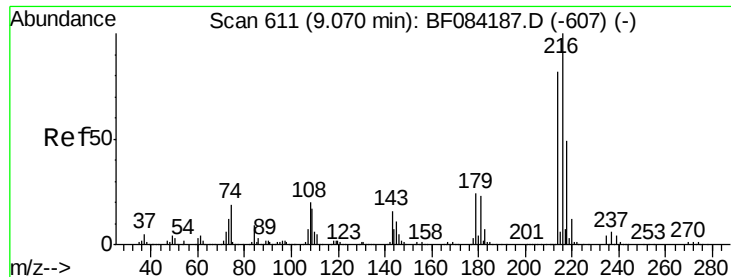
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Tgt Ion:164 Resp: 550476
 Ion Ratio Lower Upper
 164 100
 162 107.7 85.1 127.7
 160 50.6 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: 32.27 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

Tgt Ion:216 Resp: 510754

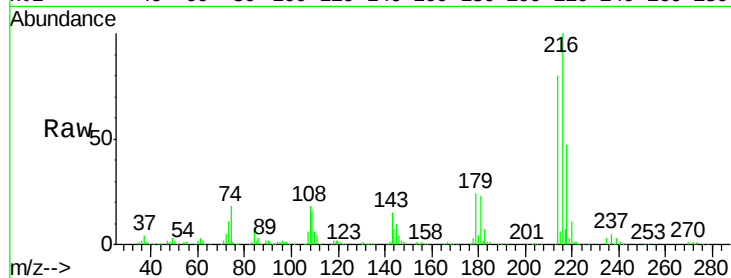
Ion Ratio Lower Upper

216 100

214 80.2 64.2 96.2

179 23.9 18.7 28.1

108 24.2 16.8 25.2

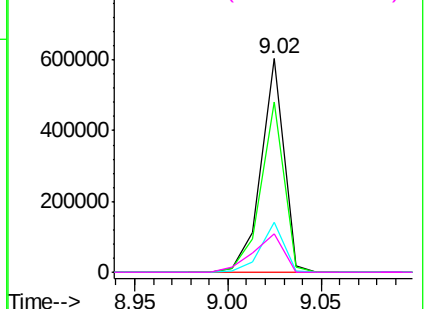
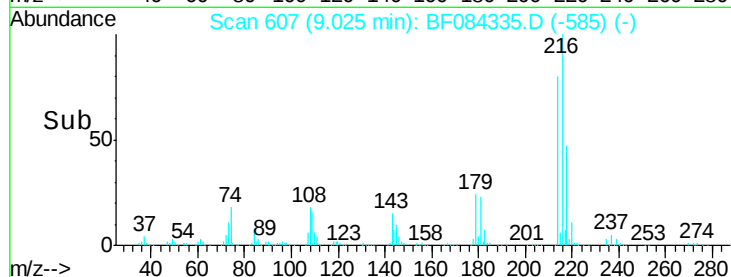


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 59.22 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

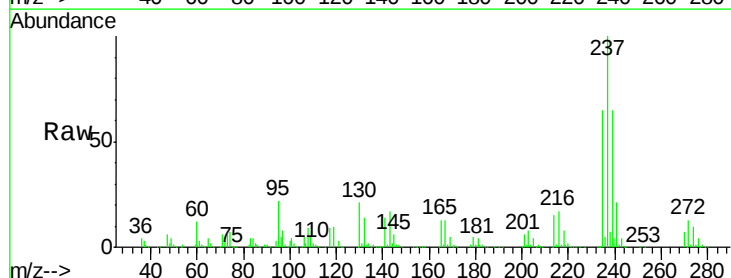
Tgt Ion:237 Resp: 565747

Ion Ratio Lower Upper

237 100

235 64.5 43.1 83.1

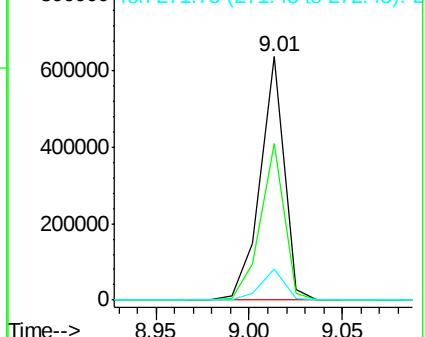
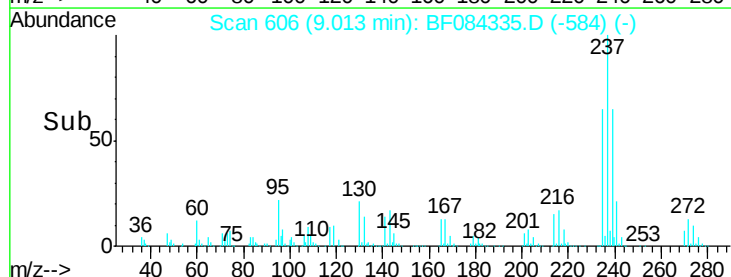
272 12.6 0.0 35.1

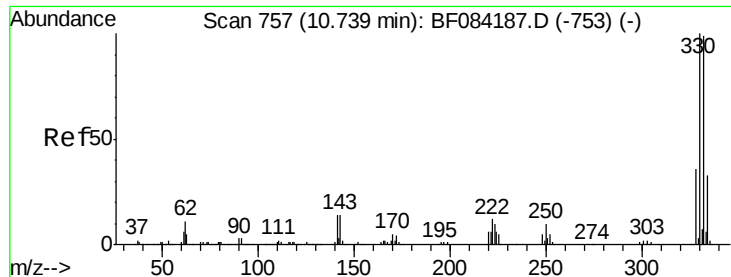


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

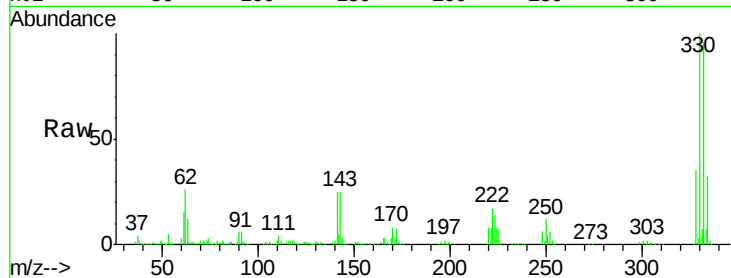




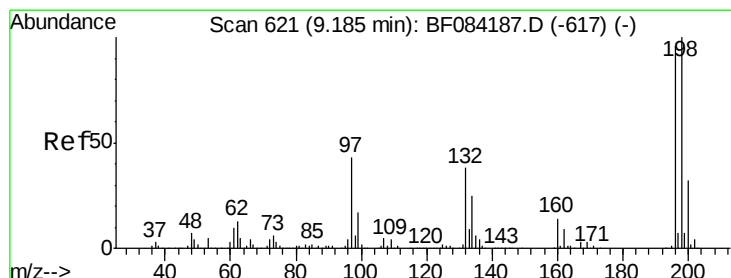
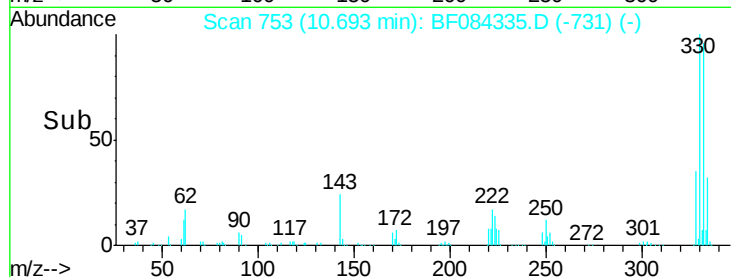
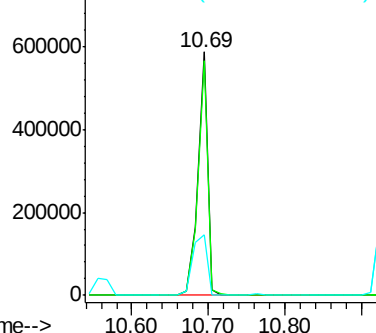
#41
 2,4,6-Tribromophenol
 Concen: 96.96 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB87715BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	36.6	27.8	41.6

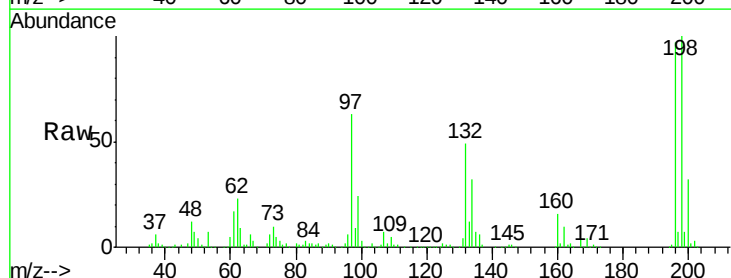


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

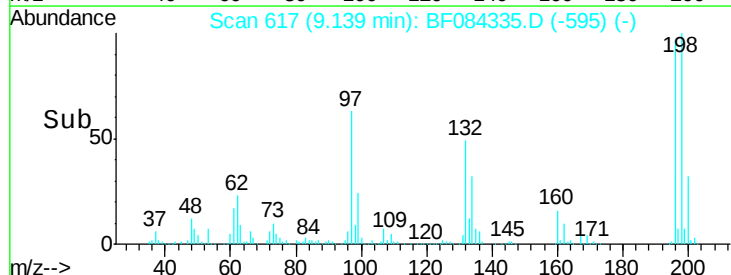
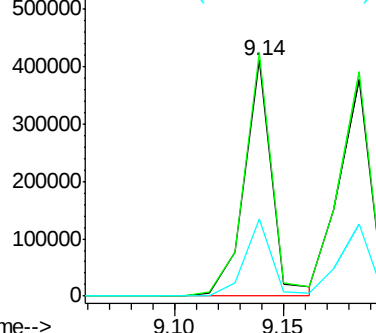


#42
 2,4,6-Trichlorophenol
 Concen: 30.89 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.05 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.3	77.7	116.5
200	32.8	24.6	37.0



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

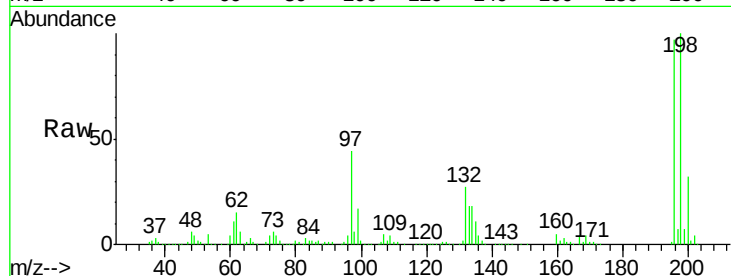




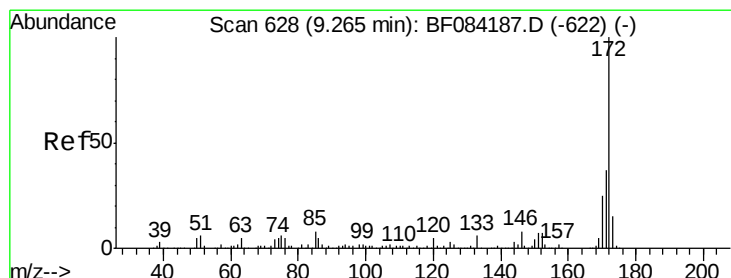
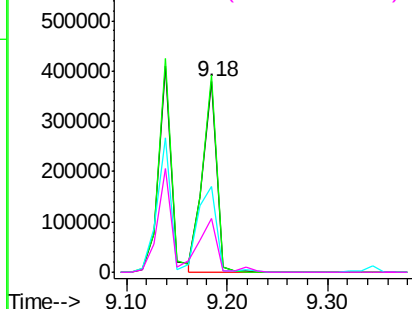
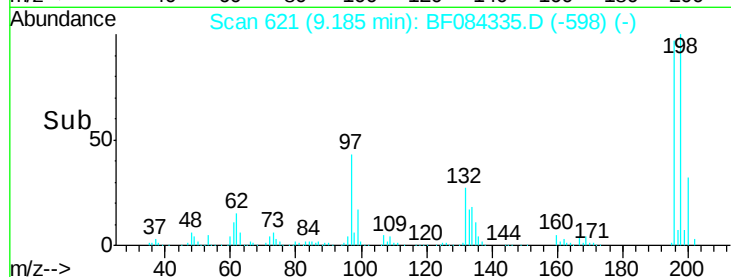
#43
 2,4,5-Trichlorophenol
 Concen: 33.01 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB87715BS

Tgt Ion:196 Resp: 374659
 Ion Ratio Lower Upper
 196 100
 198 103.5 79.0 118.6
 97 45.1 33.0 49.6
 132 28.4 21.1 31.7

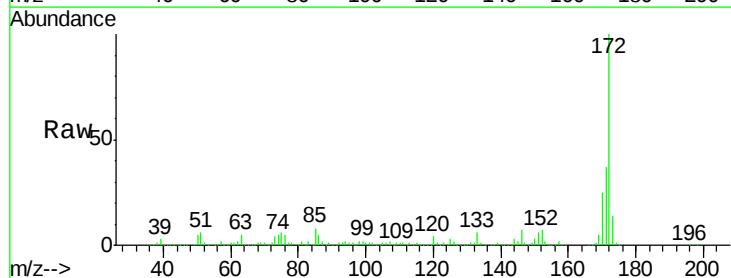


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

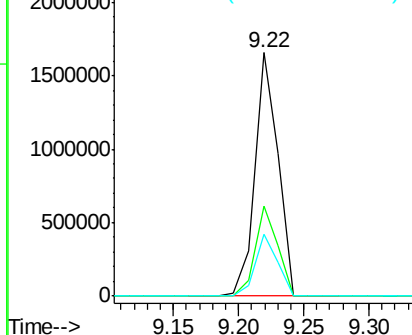
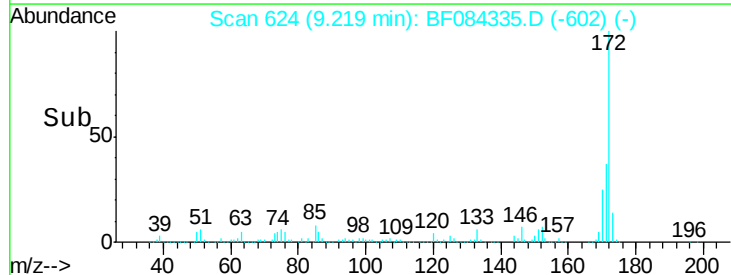


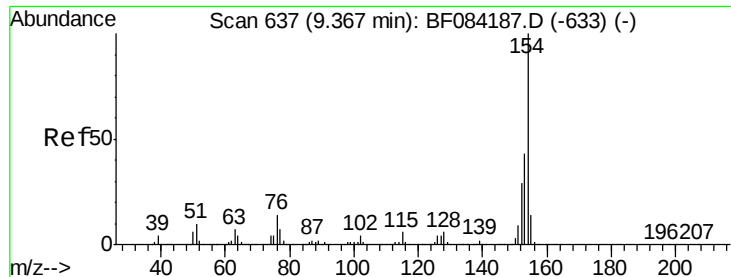
#44
 2-Fluorobiphenyl
 Concen: 63.31 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Tgt Ion:172 Resp: 2031690
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 25.2 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

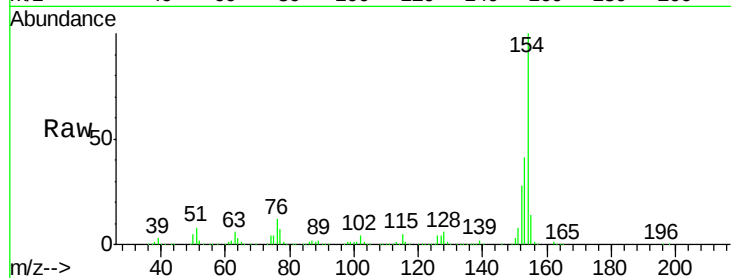




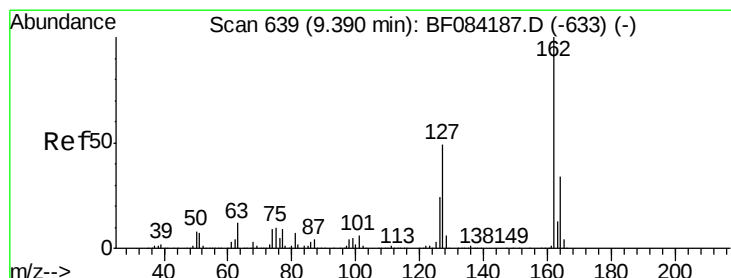
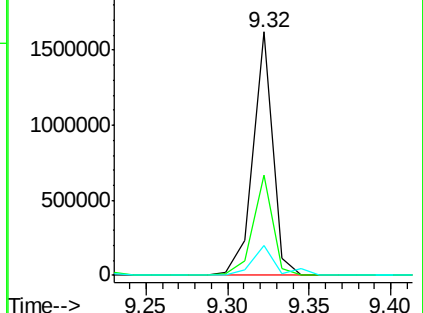
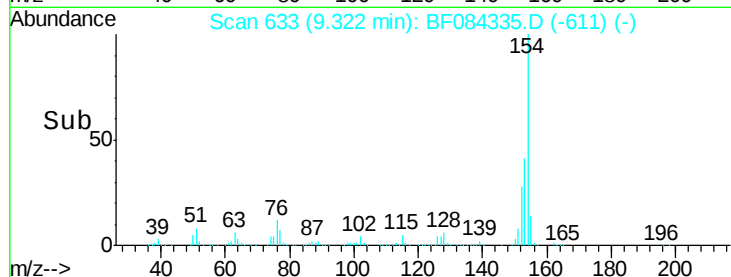
#45
 1,1'-Biphenyl
 Concen: 31.23 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.05 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB87715BS

Tgt Ion:154 Resp: 1366430
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.6 61.6
 76 12.4 0.0 32.7

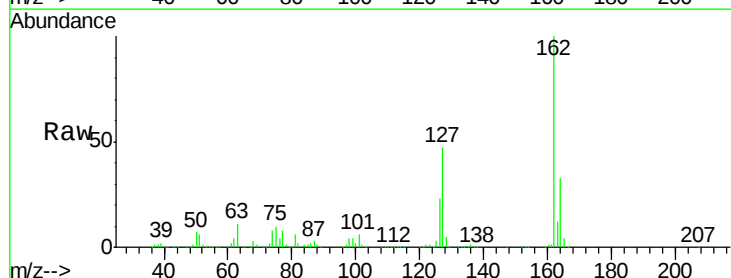


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

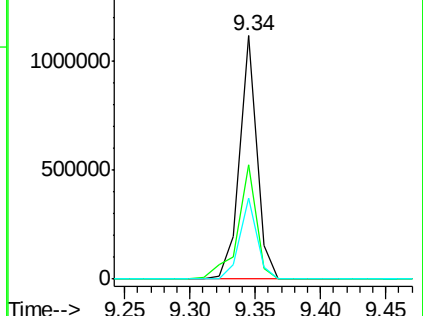
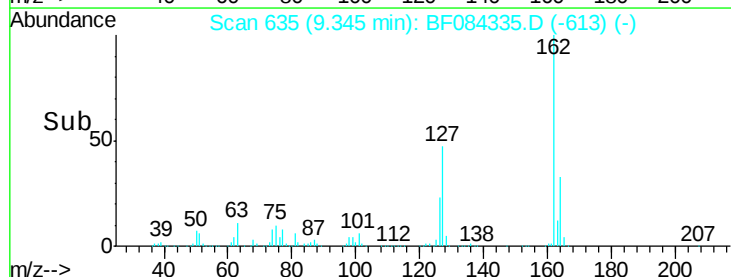


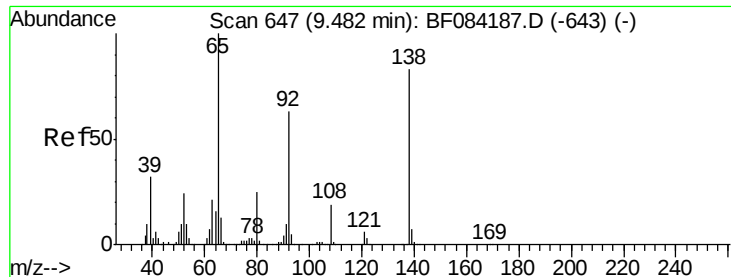
#46
 2-Chloronaphthalene
 Concen: 29.64 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Tgt Ion:162 Resp: 1018442
 Ion Ratio Lower Upper
 162 100
 127 46.8 40.2 60.4
 164 33.4 25.7 38.5



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

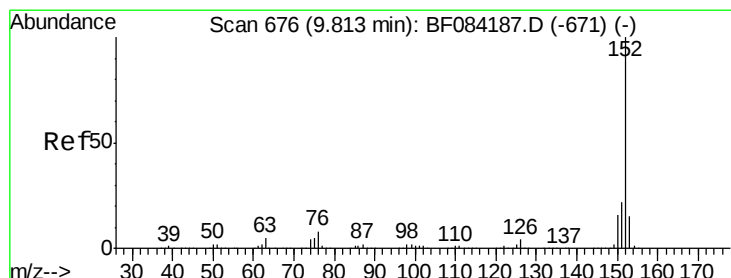
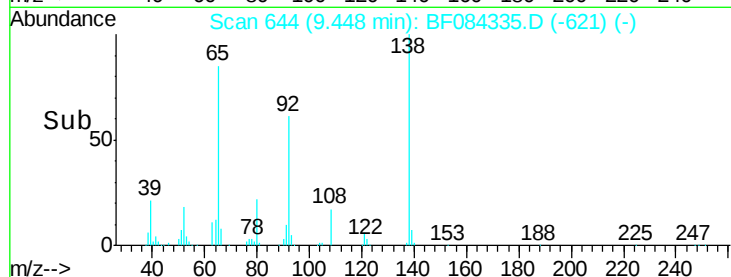
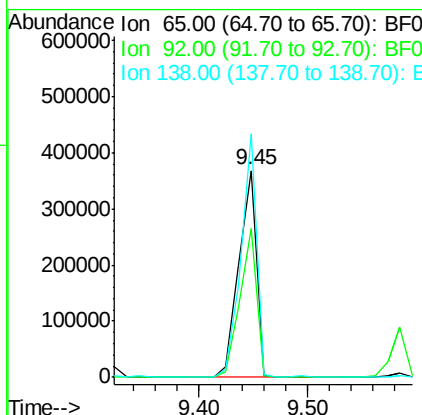
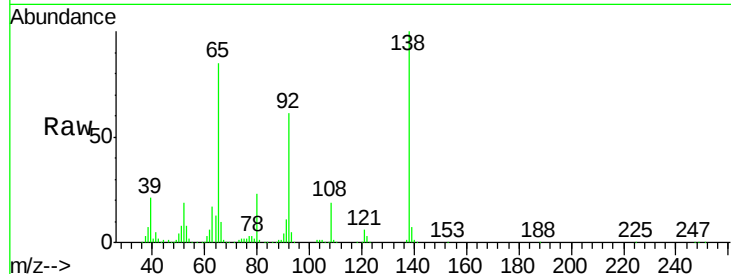




#47
2-Nitroaniline
Concen: 35.86 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

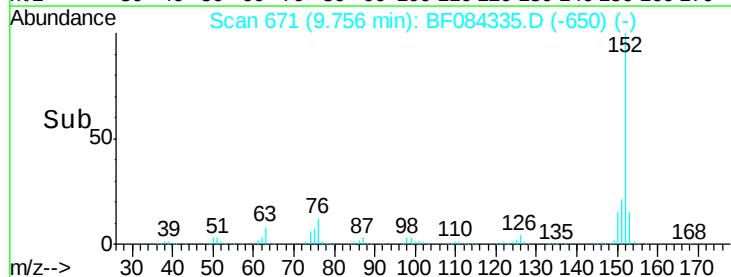
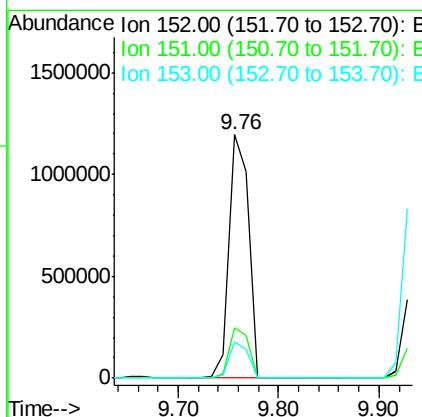
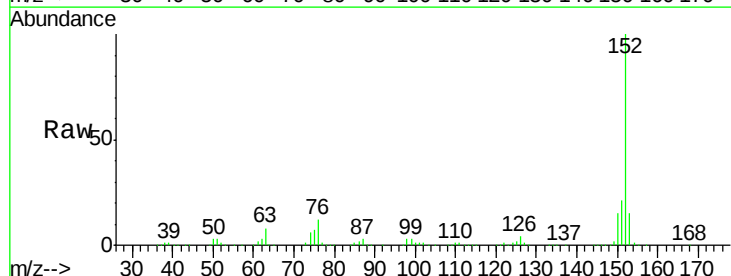
Instrument :
BNA_F
ClientSampleId :
PB87715BS

Tgt Ion: 65 Resp: 406696
Ion Ratio Lower Upper
65 100
92 72.3 53.4 80.2
138 117.8 71.1 106.7#



#48
Acenaphthylene
Concen: 31.60 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.06 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Tgt Ion: 152 Resp: 1604339
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.9 10.4 15.6

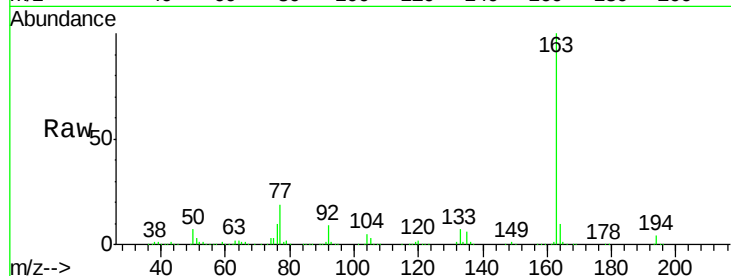




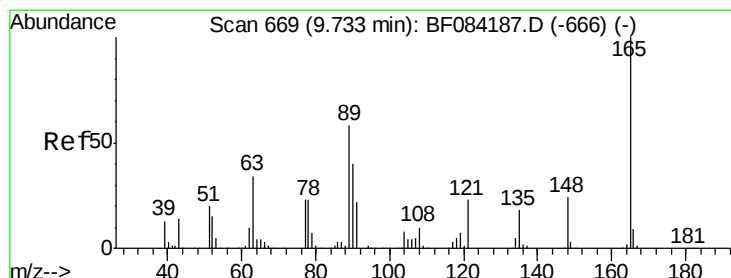
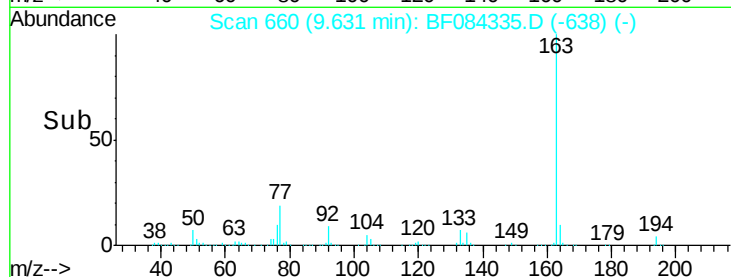
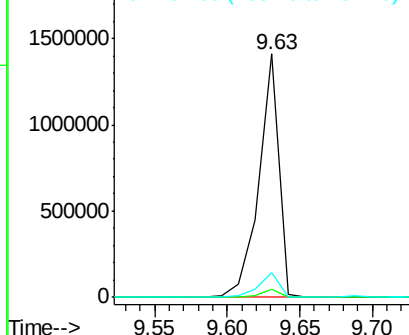
#49
Dimethylphthalate
Concen: 34.18 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB87715BS

Tgt Ion:163 Resp: 1345094
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 10.3 8.0 12.0

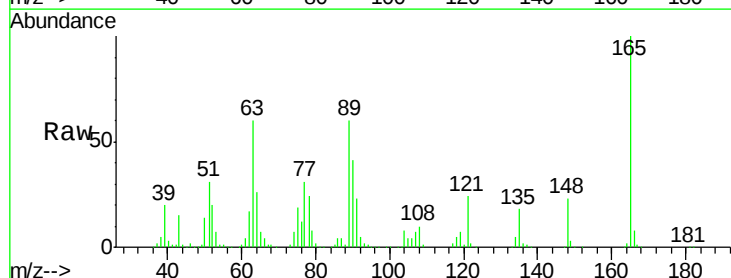


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

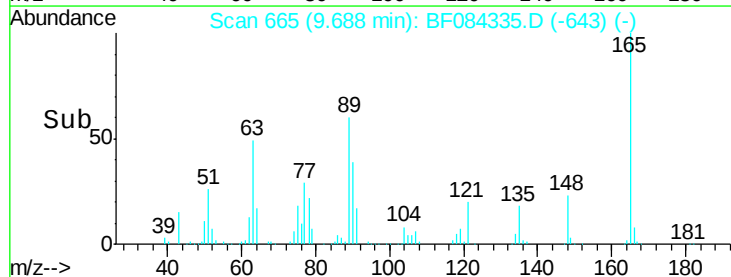
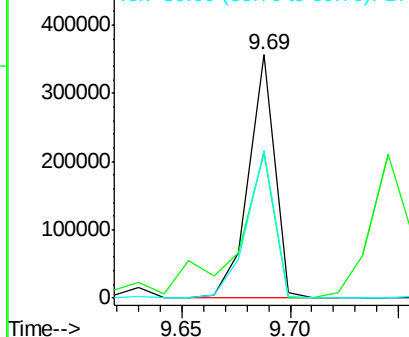


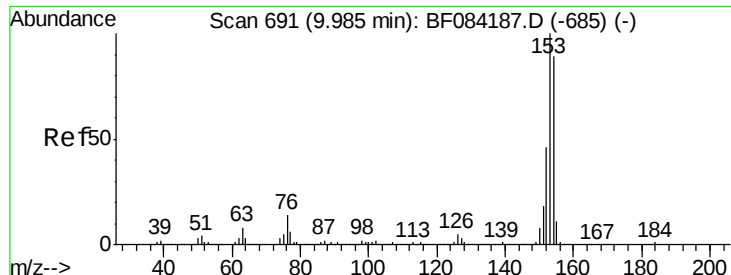
#50
2,6-Dinitrotoluene
Concen: 34.71 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Tgt Ion:165 Resp: 299618
Ion Ratio Lower Upper
165 100
63 59.6 28.8 43.2#
89 60.4 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: 34.27 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.06 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

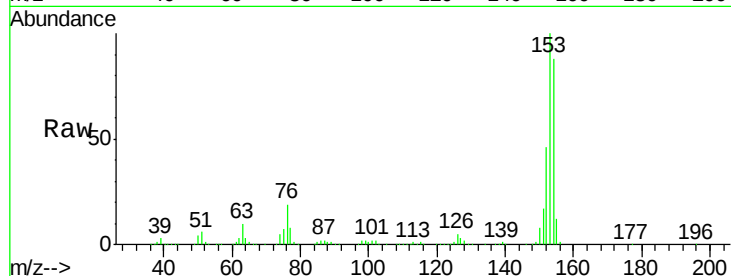
Tgt Ion:154 Resp: 1167086

Ion Ratio Lower Upper

154 100

153 113.4 91.5 137.3

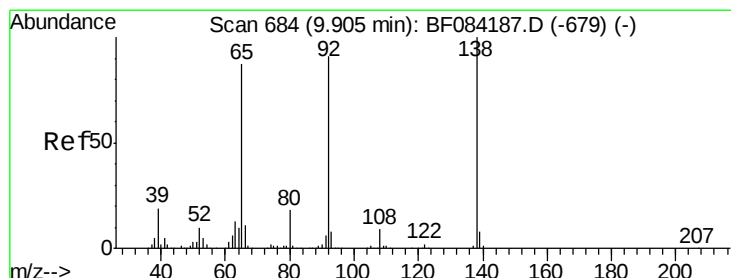
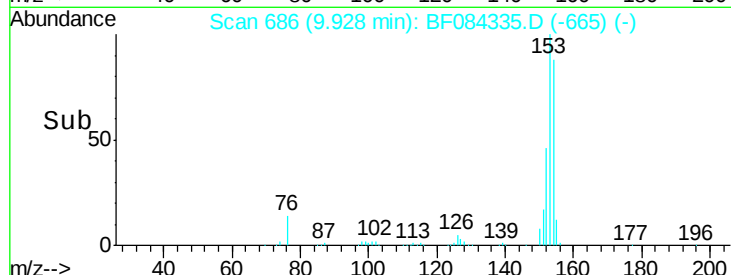
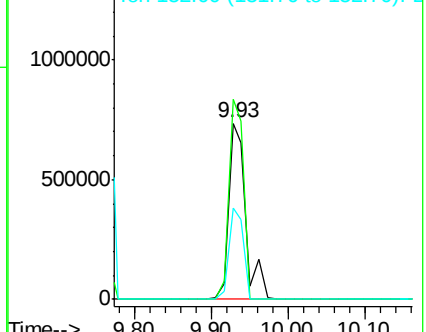
152 52.0 43.0 64.6



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: 18.34 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

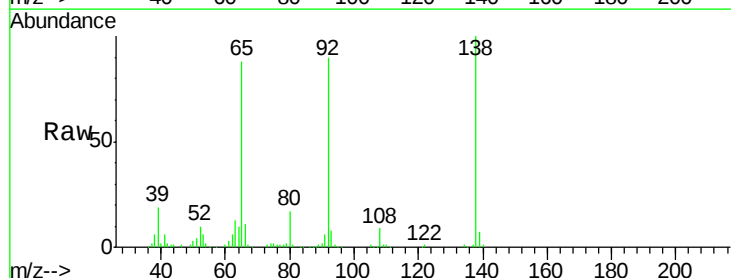
Tgt Ion:138 Resp: 196135

Ion Ratio Lower Upper

138 100

108 8.9 10.5 15.7#

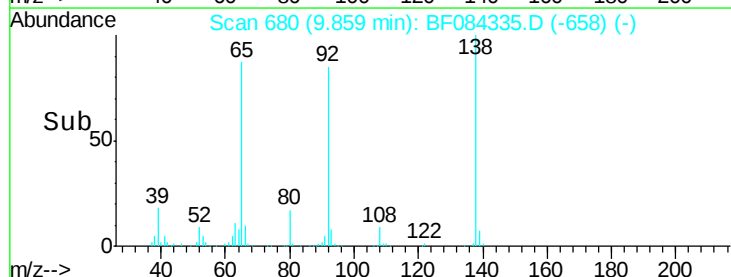
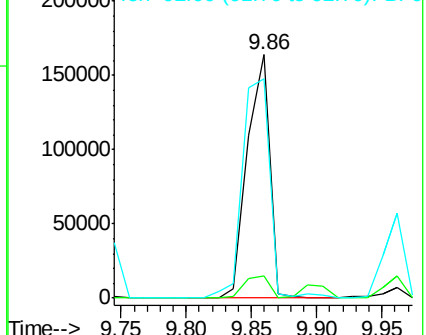
92 90.3 103.9 155.9#



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

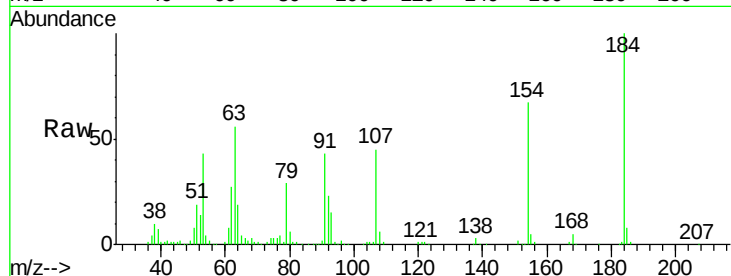




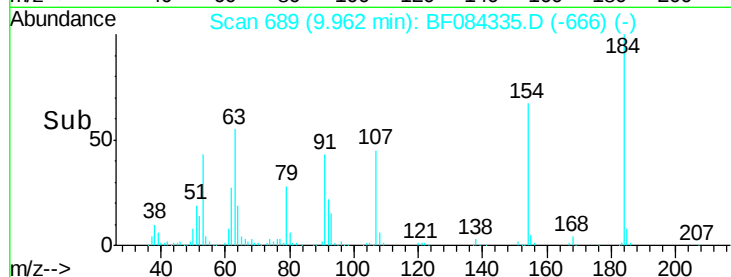
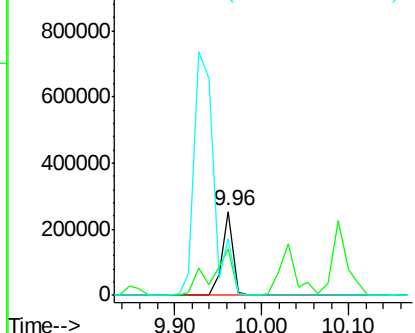
#53
2,4-Dinitrophenol
Concen: 63.44 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Instrument :
BNA_F
ClientSampled :
PB87715BS

Tgt Ion:184 Resp: 230408
Ion Ratio Lower Upper
184 100
63 55.6 43.1 64.7
154 67.0 60.5 90.7

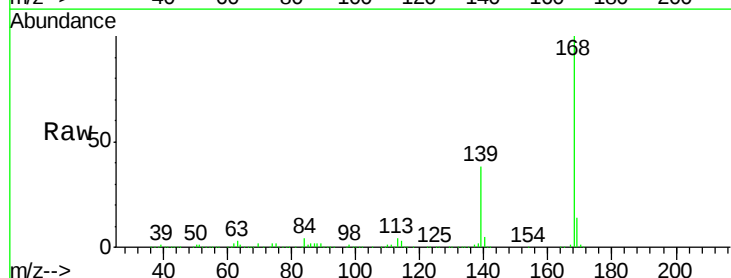


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

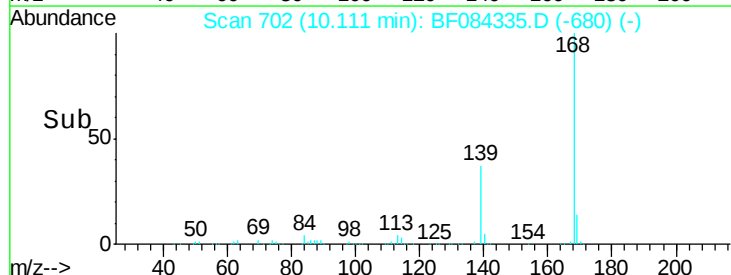
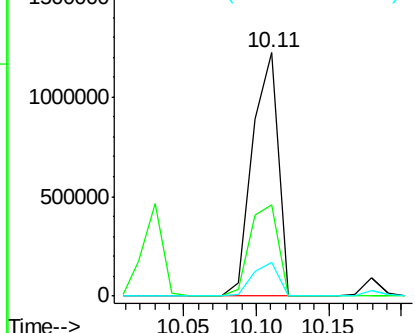


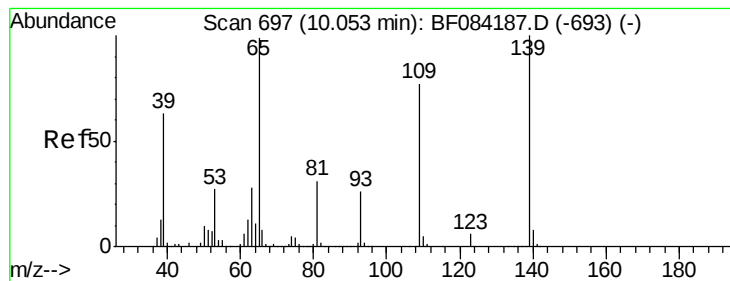
#54
Dibenzofuran
Concen: 33.33 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Tgt Ion:168 Resp: 1503902
Ion Ratio Lower Upper
168 100
139 37.7 30.5 45.7
169 13.6 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: 59.39 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

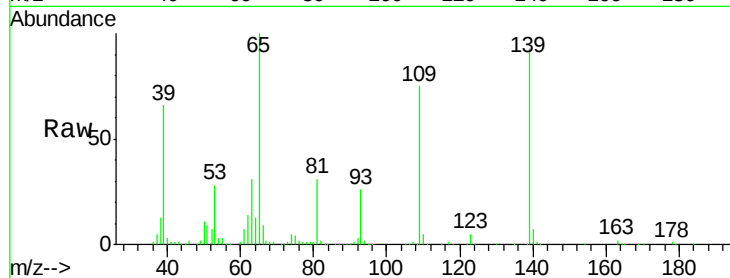
Tgt Ion:139 Resp: 461065

Ion Ratio Lower Upper

139 100

109 80.6 58.5 98.5

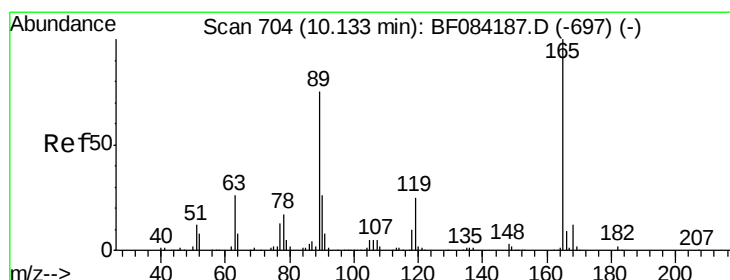
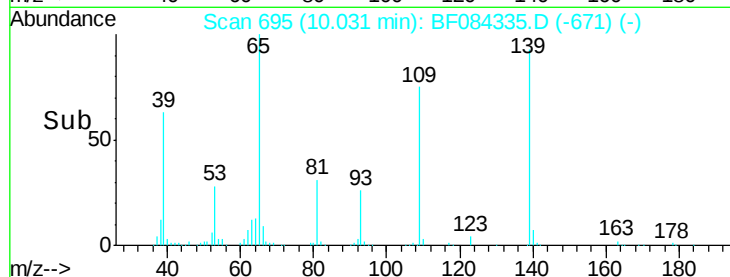
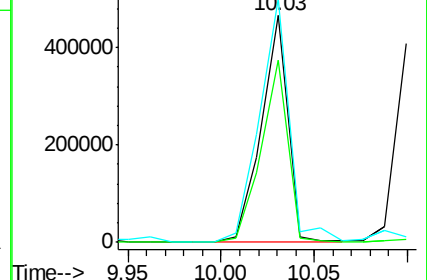
65 107.4 57.6 97.6#



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: 31.43 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Tgt Ion:165 Resp: 343383

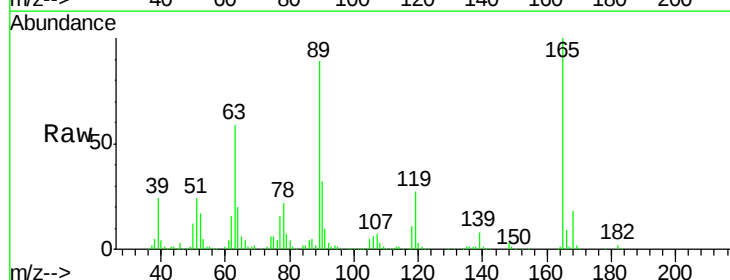
Ion Ratio Lower Upper

165 100

63 59.2 36.7 55.1#

89 89.0 61.9 92.9

182 2.0 2.0 3.0#

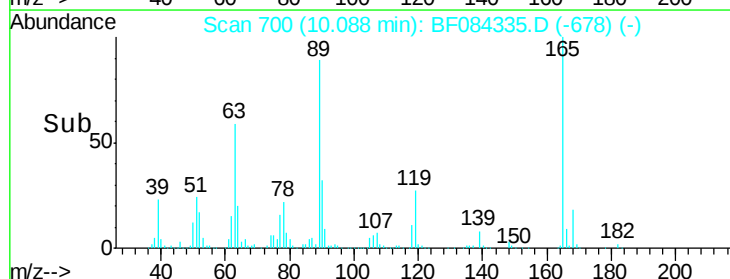
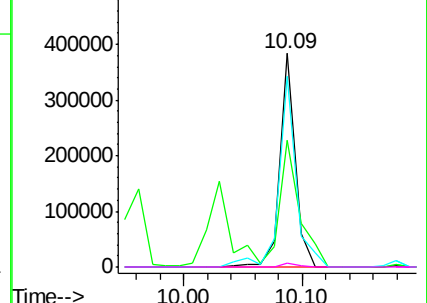


Abundance Ion 165.00 (164.70 to 165.70): E

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: 31.30 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.06 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

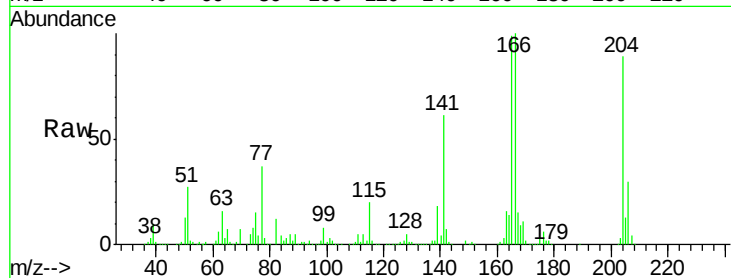
Tgt Ion:166 Resp: 1092269

Ion Ratio Lower Upper

166 100

165 99.3 79.1 118.7

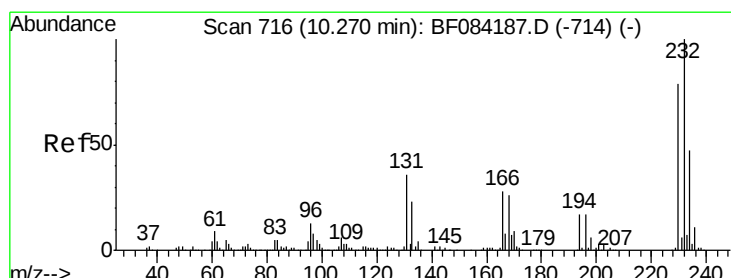
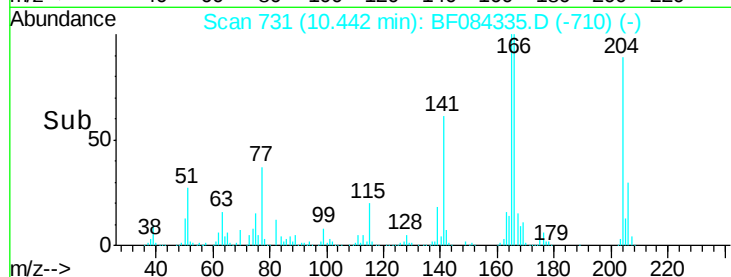
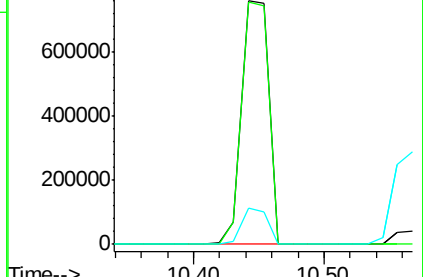
167 14.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.32 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Tgt Ion:232 Resp: 303539

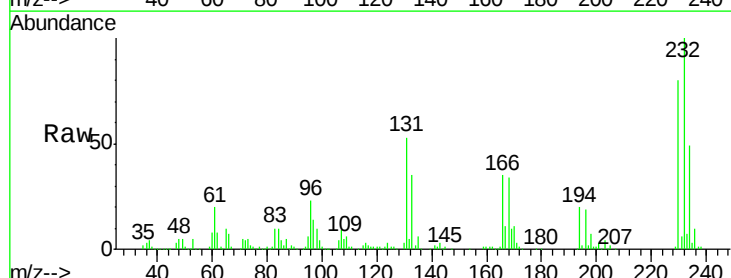
Ion Ratio Lower Upper

232 100

131 55.5 47.0 70.6

130 2.8 2.0 3.0

166 34.7 30.5 45.7

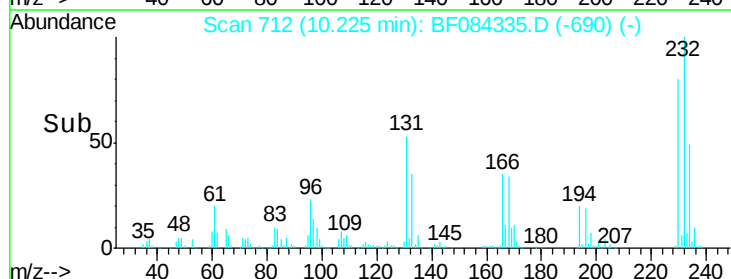
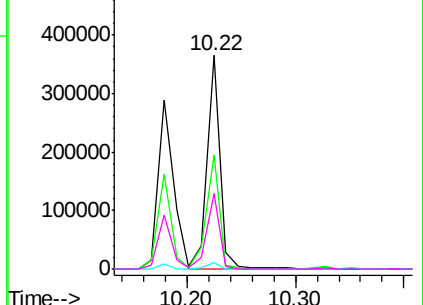


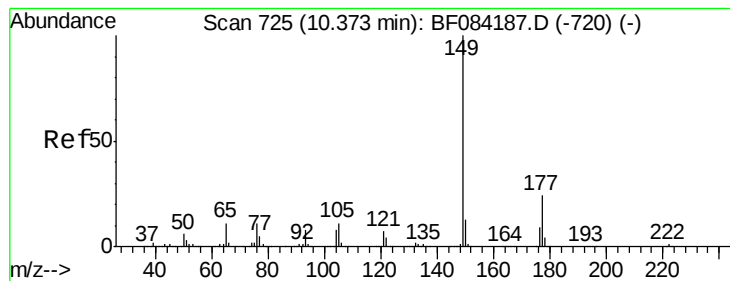
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 32.57 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

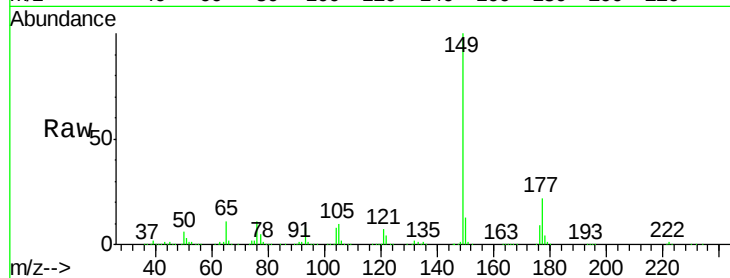
Tgt Ion:149 Resp: 1263596

Ion Ratio Lower Upper

149 100

177 22.4 17.3 25.9

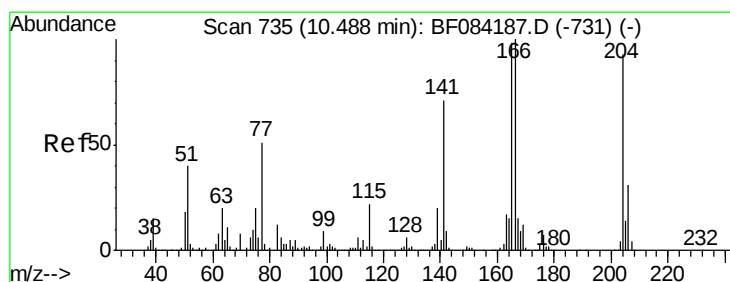
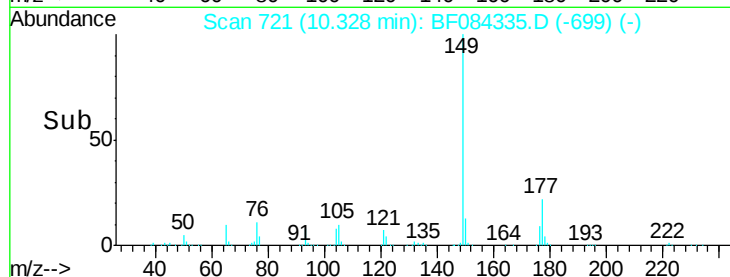
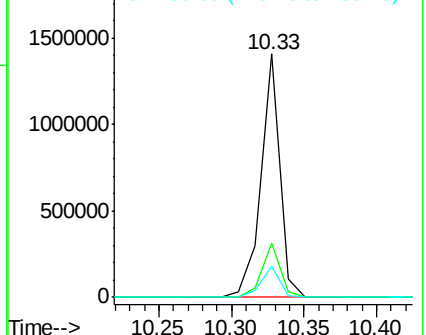
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.72 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.04 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

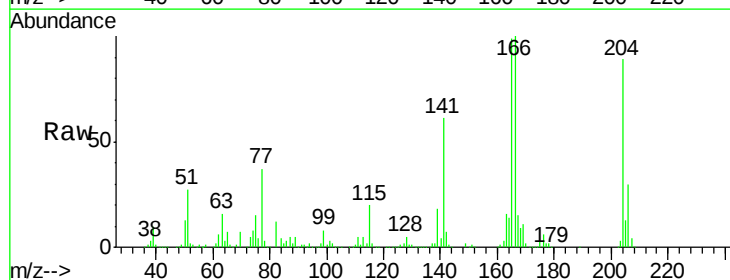
Tgt Ion:204 Resp: 549371

Ion Ratio Lower Upper

204 100

206 33.6 25.7 38.5

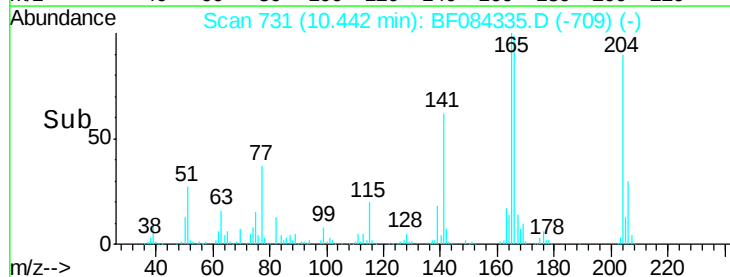
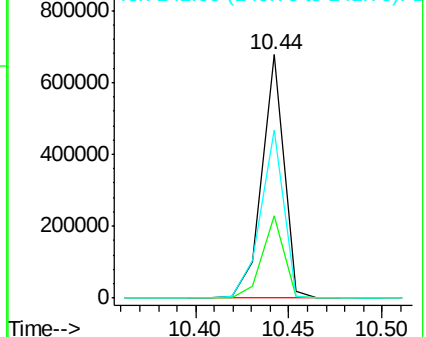
141 69.0 55.1 82.7

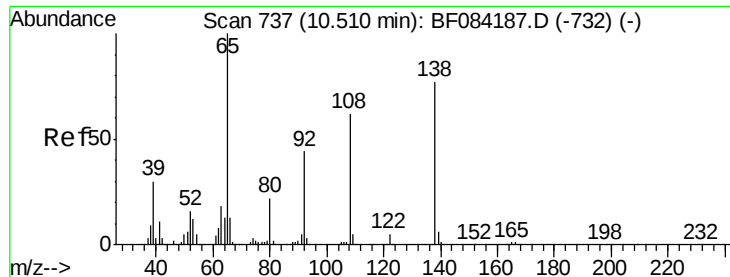


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

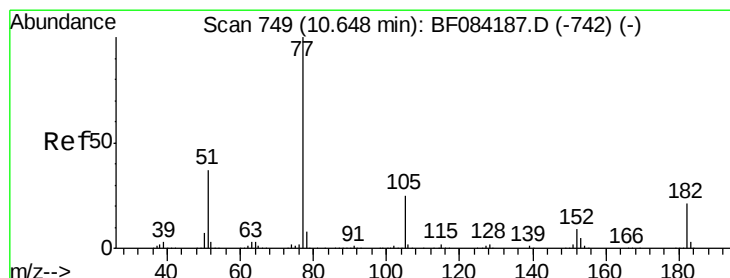
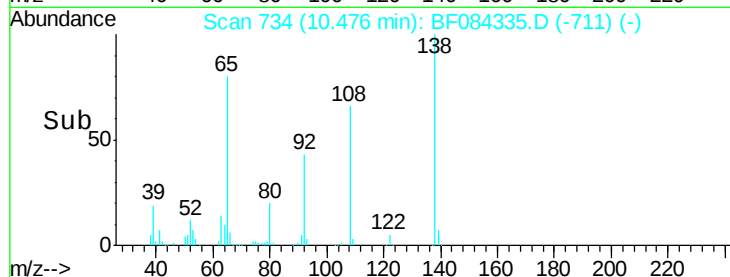
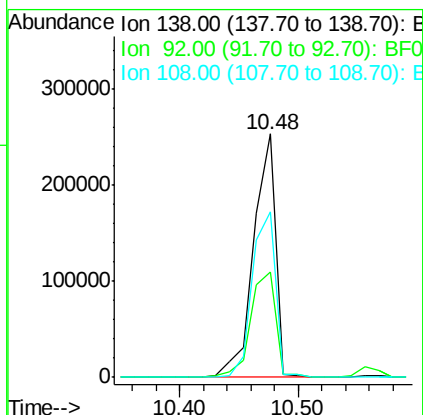
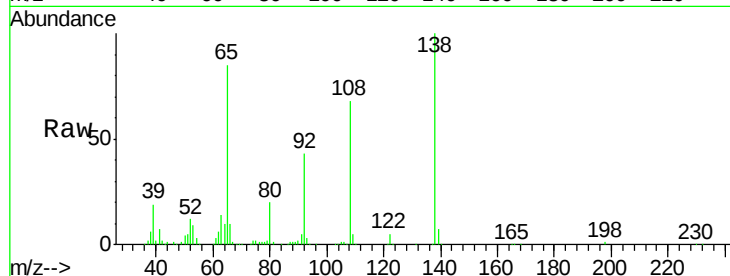




#61
4-Nitroaniline
Concen: 34.47 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

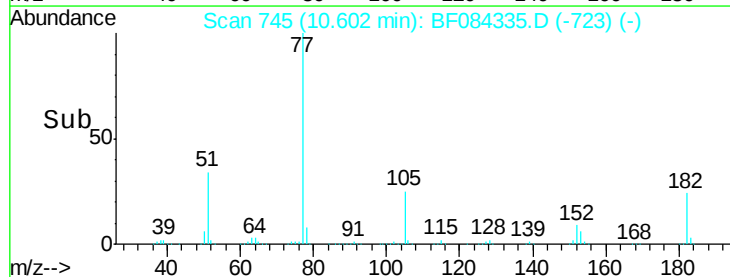
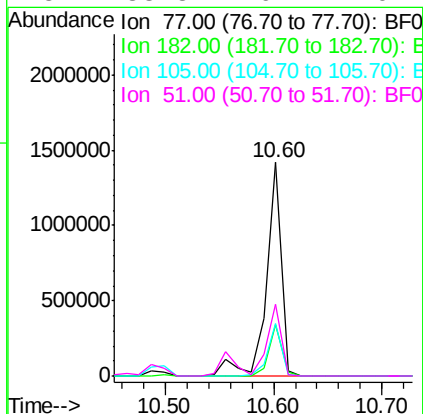
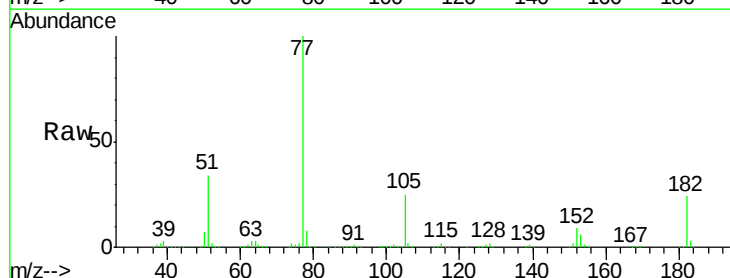
Instrument :
BNA_F
ClientSampleId :
PB87715BS

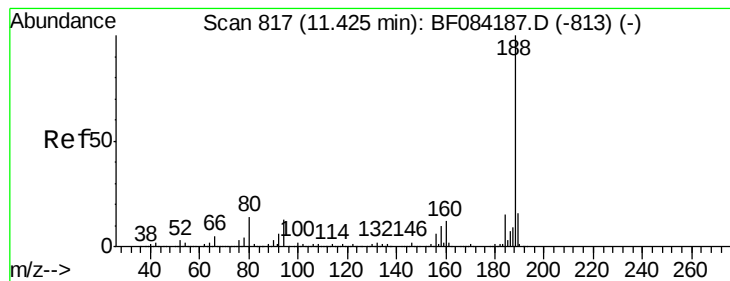
Tgt Ion:138 Resp: 328646
Ion Ratio Lower Upper
138 100
92 43.1 32.6 72.6
108 68.3 68.6 108.6#



#62
Azobenzene
Concen: 32.90 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Tgt Ion: 77 Resp: 1400179
Ion Ratio Lower Upper
77 100
182 24.2 8.3 48.3
105 24.8 4.6 44.6
51 33.8 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

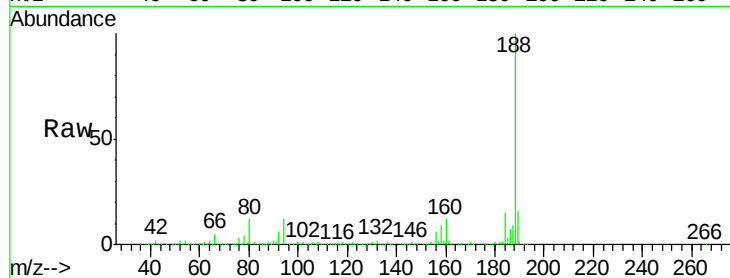
Tgt Ion:188 Resp: 1012096

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.4

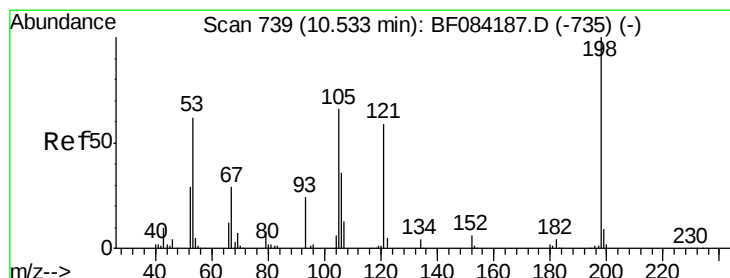
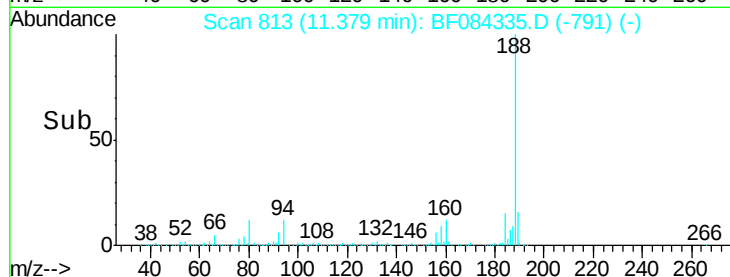
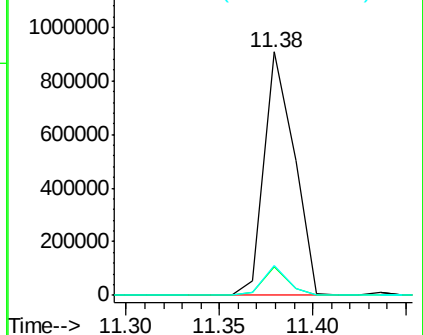
80 12.2 9.6 14.4



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: 30.59 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

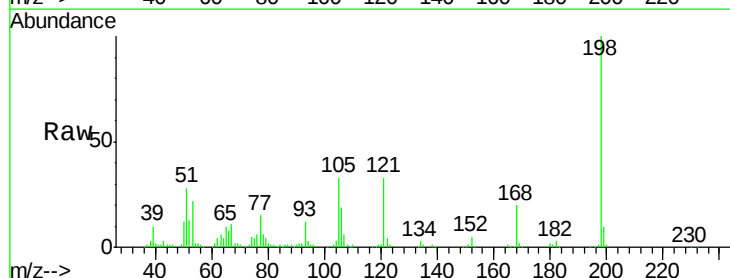
Tgt Ion:198 Resp: 186183

Ion Ratio Lower Upper

198 100

51 28.4 18.9 58.9

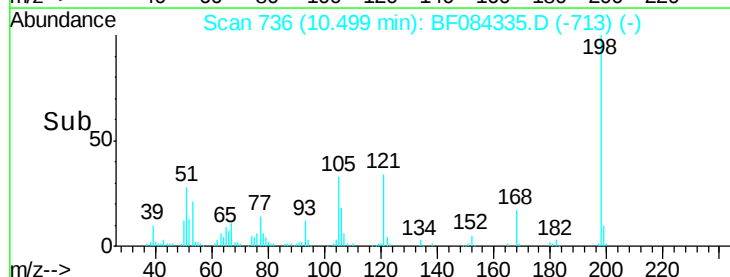
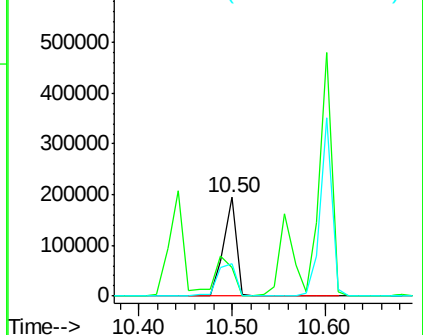
105 33.2 26.4 66.4

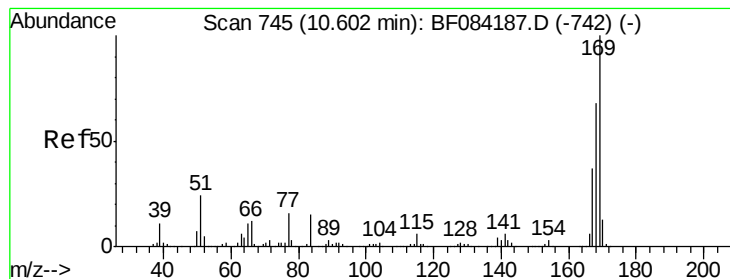


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 32.08 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

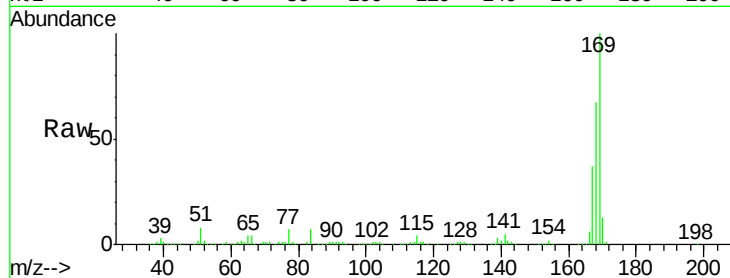
Tgt Ion:169 Resp: 1038174

Ion Ratio Lower Upper

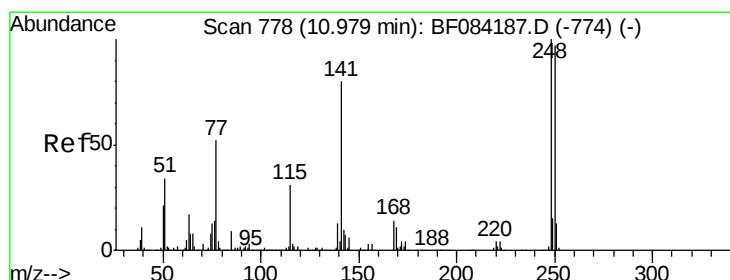
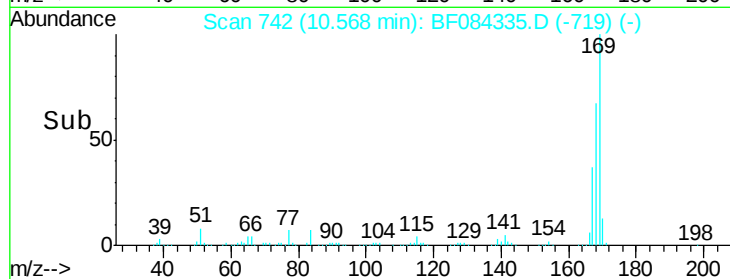
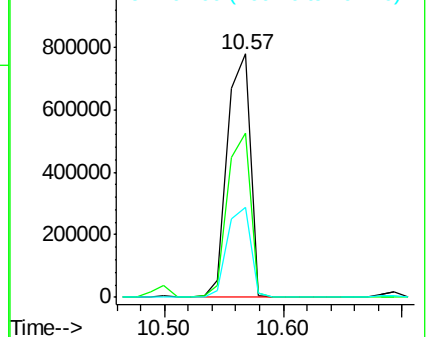
169 100

168 67.3 55.1 82.7

167 36.9 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.50 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

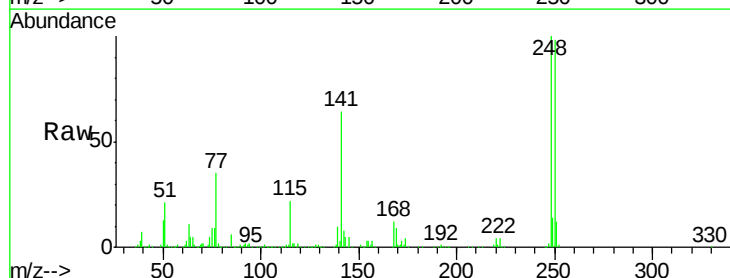
Tgt Ion:248 Resp: 364897

Ion Ratio Lower Upper

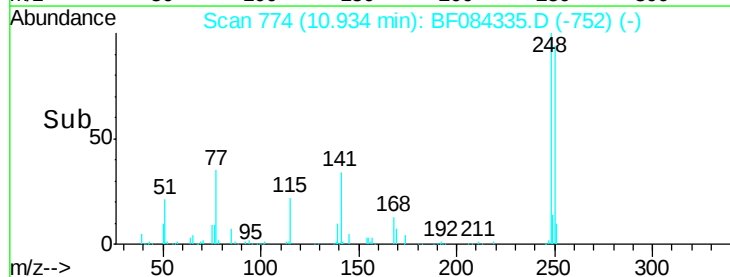
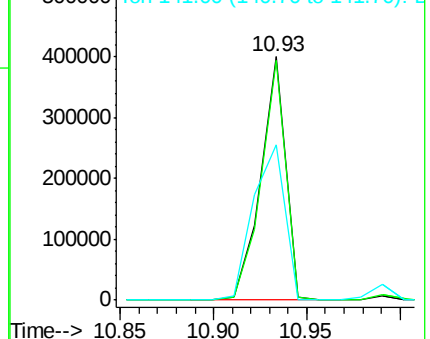
248 100

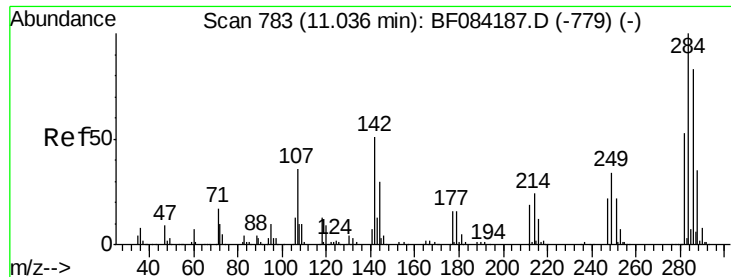
250 98.4 78.4 117.6

141 63.9 44.0 66.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

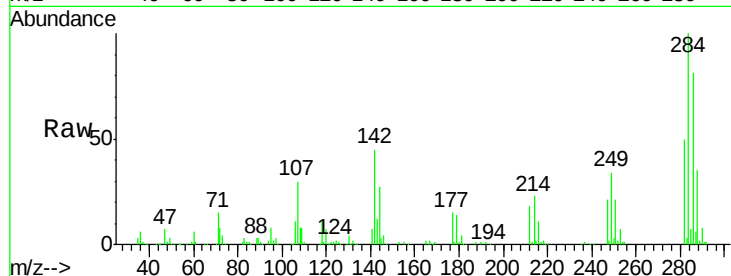




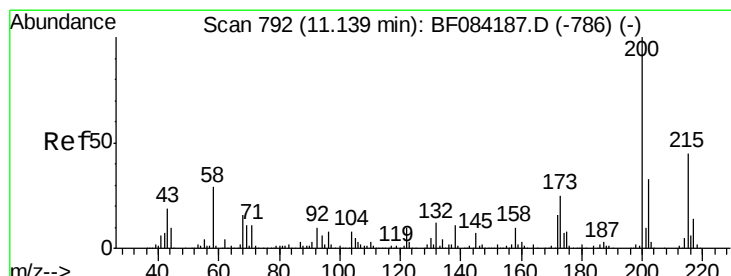
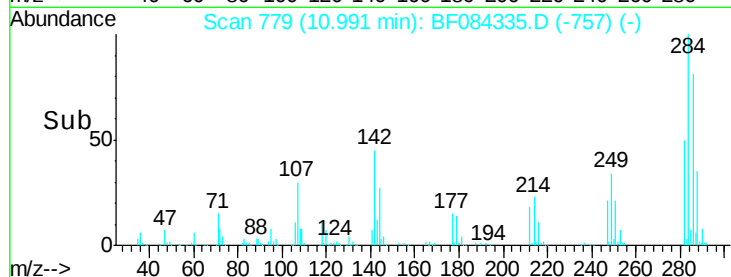
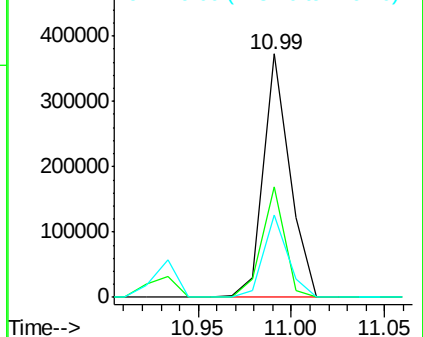
#67
Hexachlorobenzene
Concen: 29.41 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB87715BS

Tgt Ion:284 Resp: 360592
Ion Ratio Lower Upper
284 100
142 45.2 22.2 33.4#
249 33.6 24.6 37.0

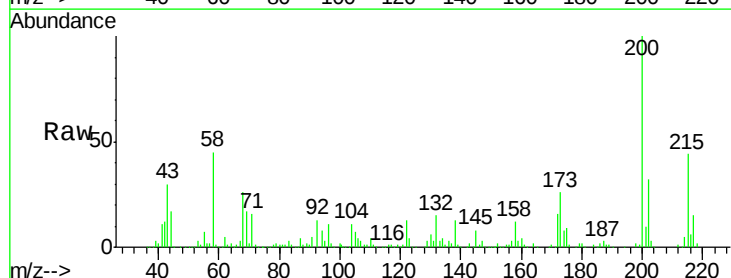


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

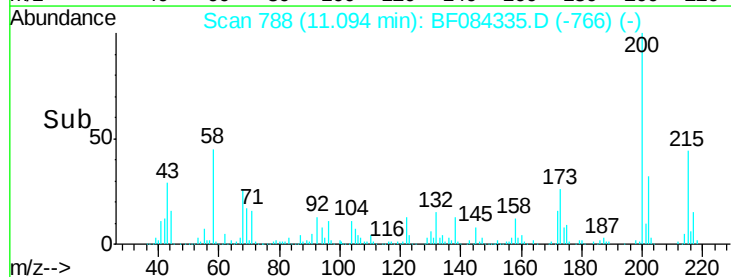
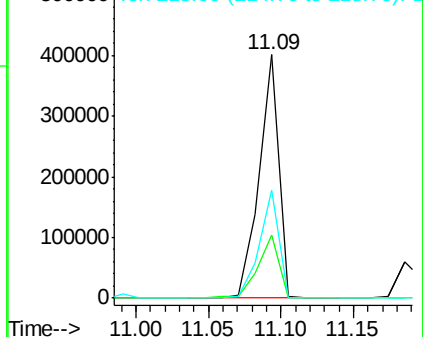


#68
Atrazine
Concen: 35.64 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Tgt Ion:200 Resp: 377377
Ion Ratio Lower Upper
200 100
173 26.1 9.5 49.5
215 44.2 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

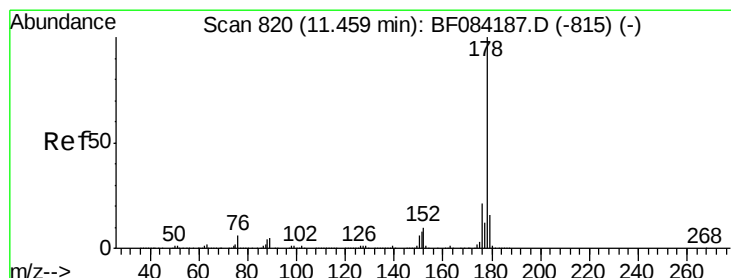
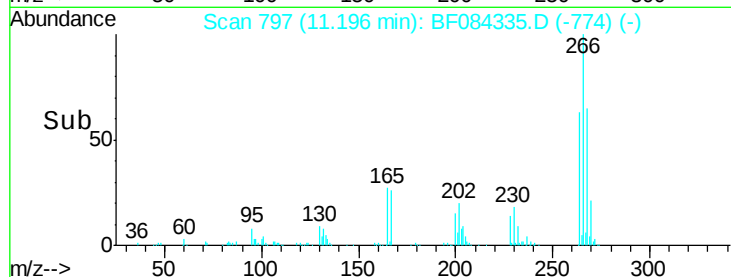
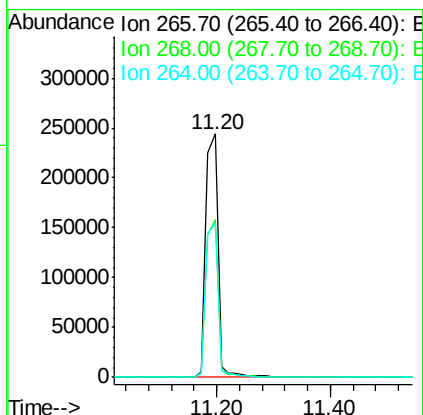
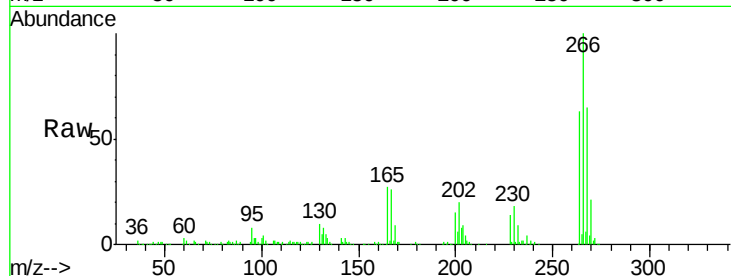




#69
 Pentachlorophenol
 Concen: 54.94 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

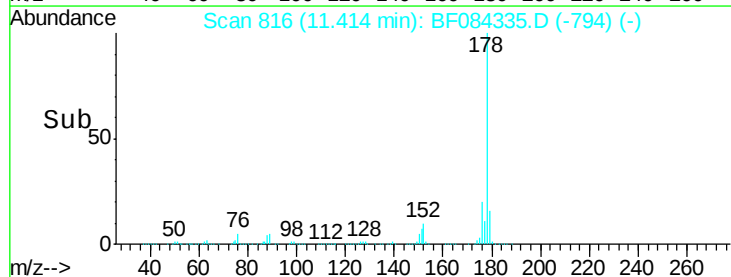
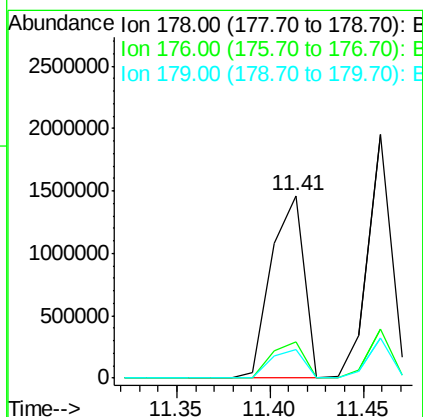
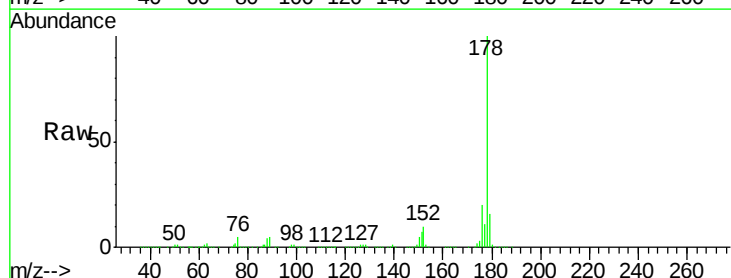
Instrument :
 BNA_F
 ClientSampleId :
 PB87715BS

Tgt Ion:266 Resp: 349263
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.4 78.6
 264 63.1 50.2 75.2



#70
 Phenanthrene
 Concen: 33.86 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Tgt Ion:178 Resp: 1792589
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.3 22.9
 179 15.9 12.0 18.0





#71

Anthracene

Concen: 32.63 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.04 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

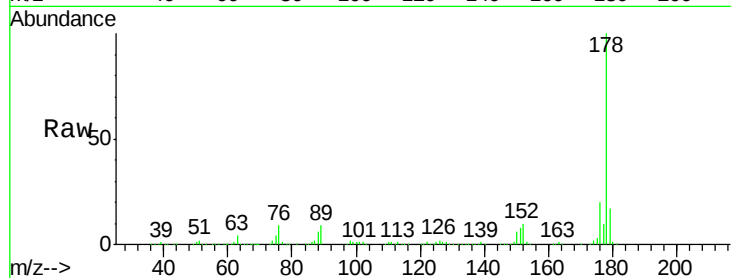
Tgt Ion:178 Resp: 1693345

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

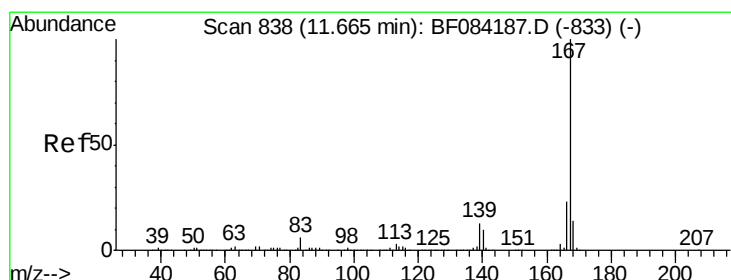
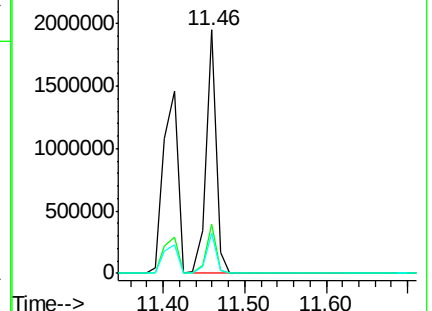
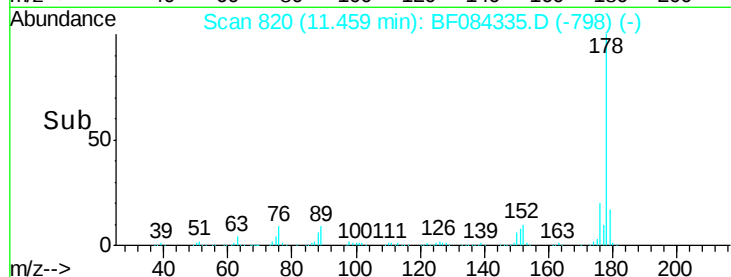
179 16.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.45 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

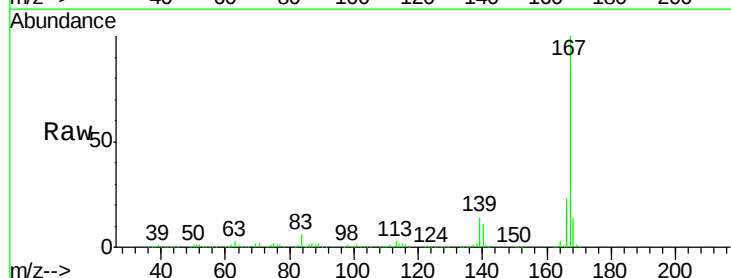
Tgt Ion:167 Resp: 1697251

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

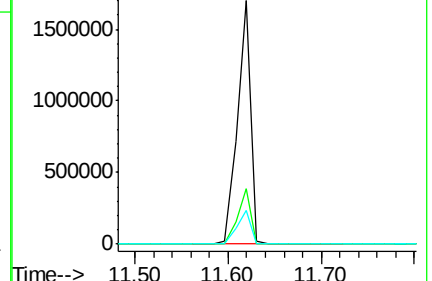
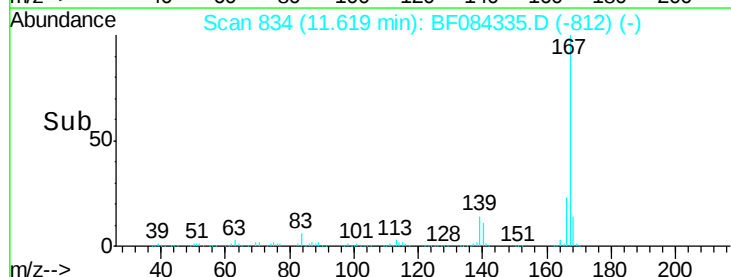
139 14.0 11.8 17.8

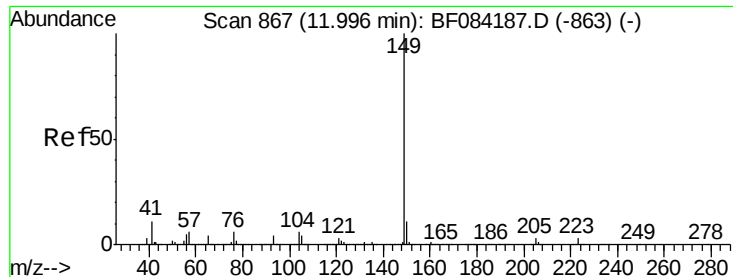


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.24 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

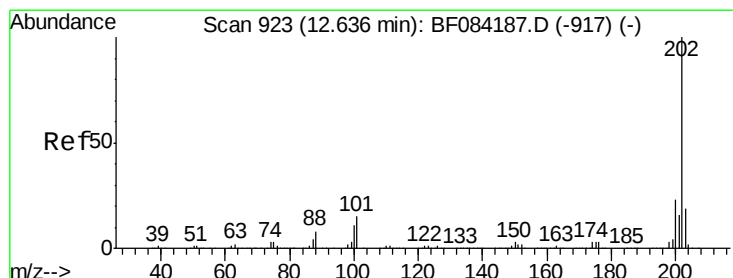
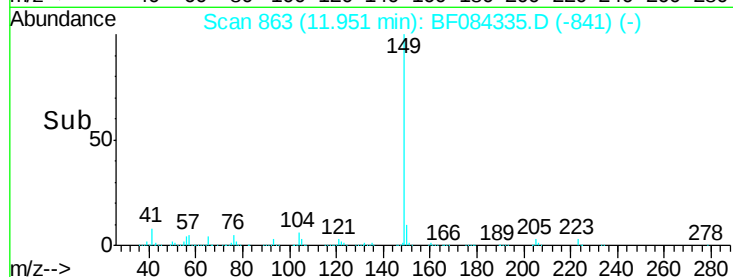
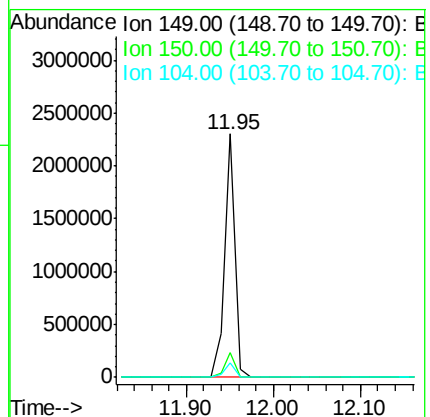
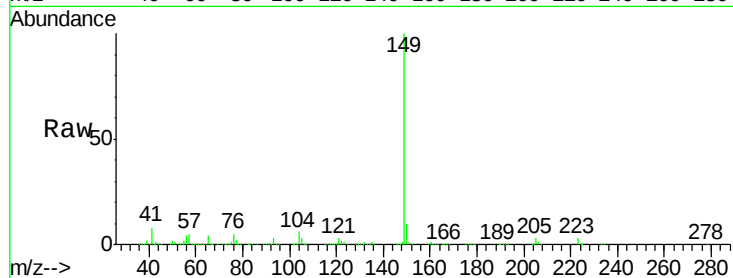
Tgt Ion:149 Resp: 1926165

Ion Ratio Lower Upper

149 100

150 10.2 7.1 10.7

104 5.7 3.2 4.8#



#74

Fluoranthene

Concen: 30.00 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

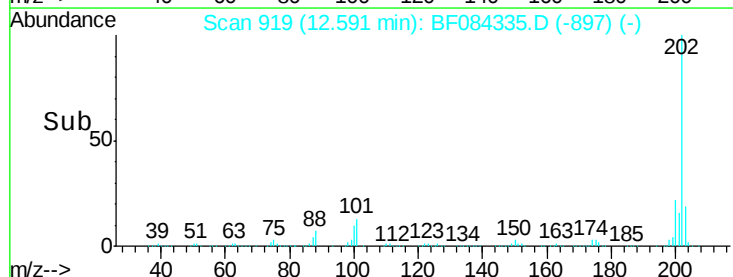
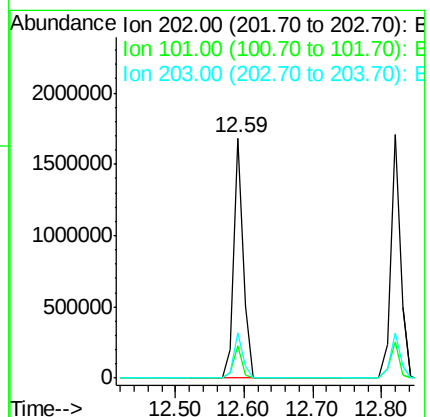
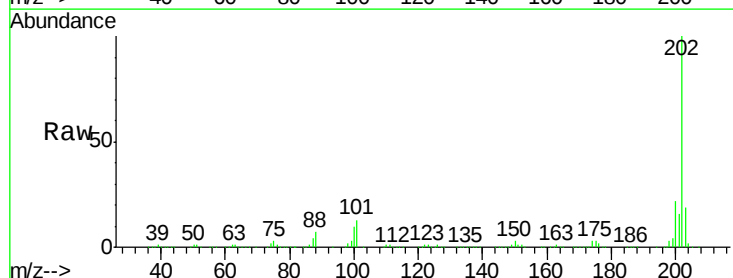
Tgt Ion:202 Resp: 1658855

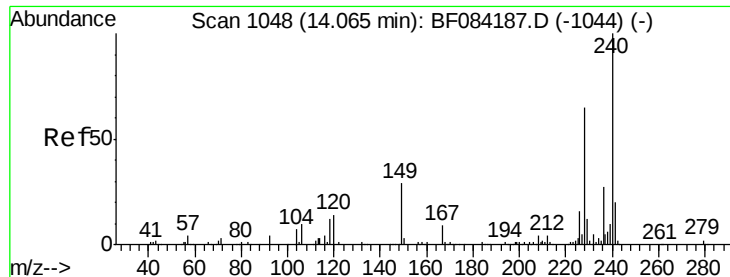
Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.8

203 18.6 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

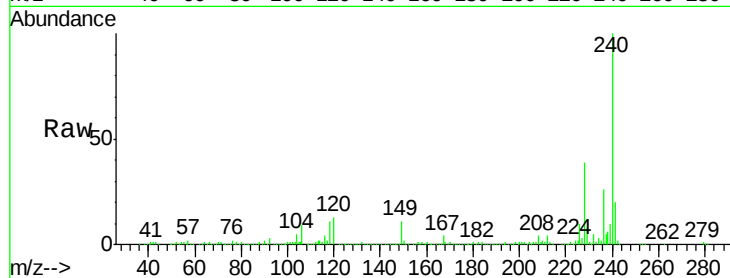
Tgt Ion:240 Resp: 796943

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

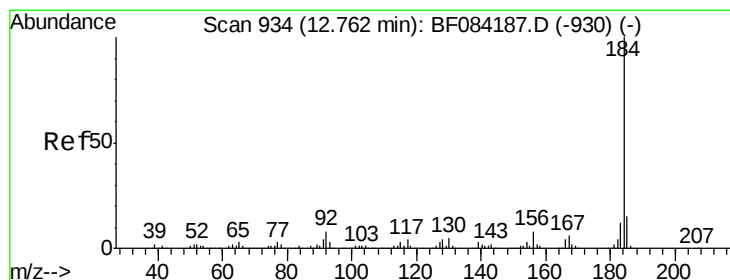
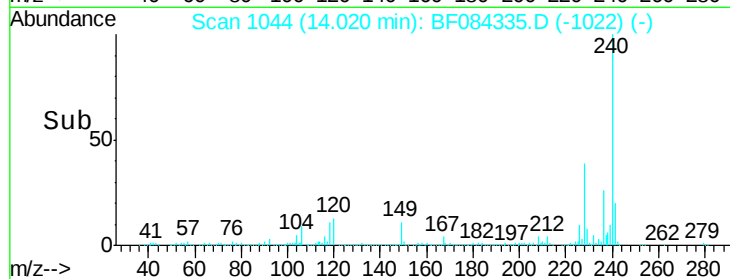
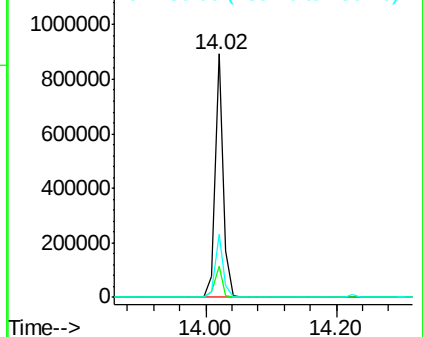
236 25.9 20.6 31.0



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: 25.11 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

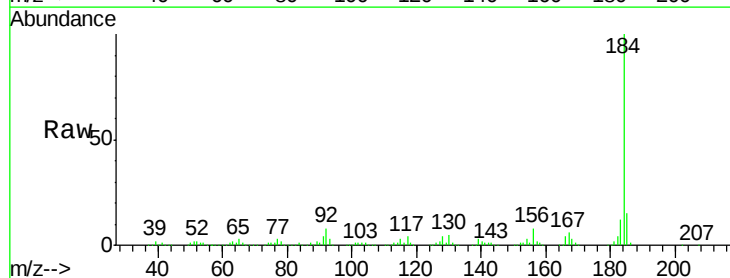
Tgt Ion:184 Resp: 717460

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

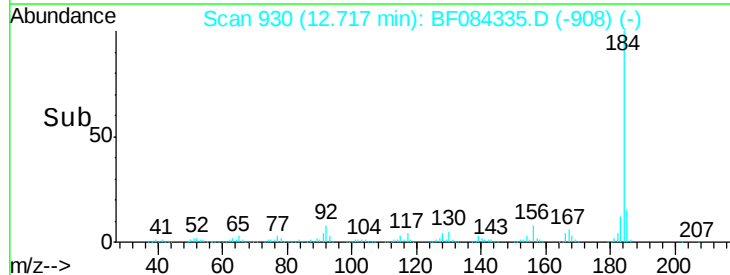
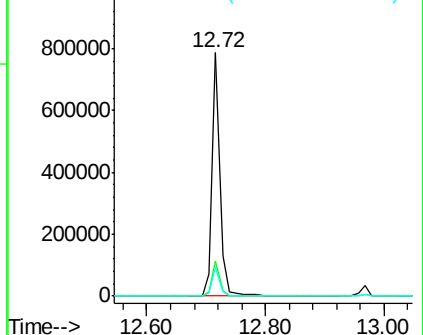
183 11.9 9.8 14.8

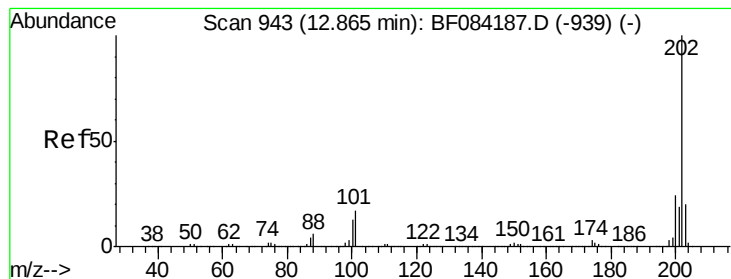


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 27.06 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

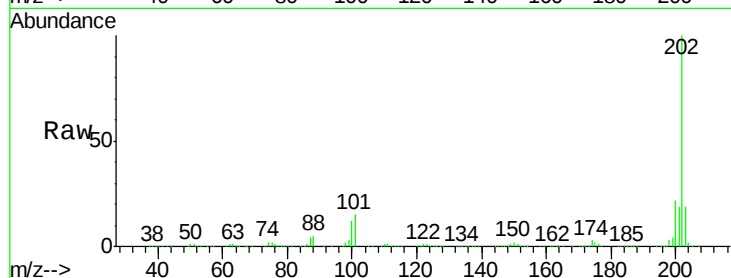
Tgt Ion:202 Resp: 1692534

Ion Ratio Lower Upper

202 100

200 22.5 17.2 25.8

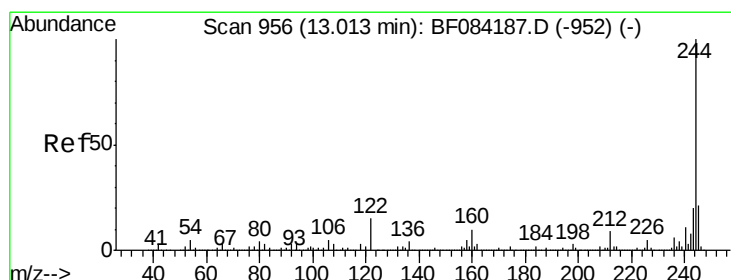
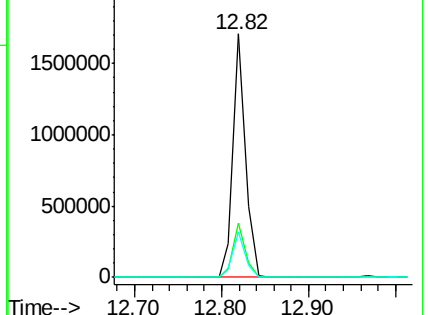
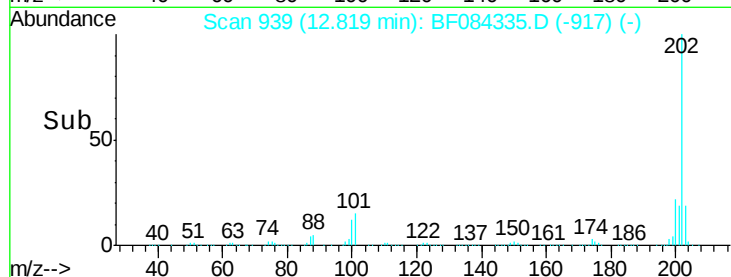
203 18.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 53.89 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

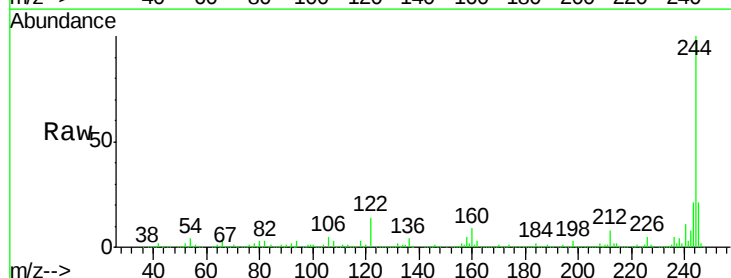
Tgt Ion:244 Resp: 1924067

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

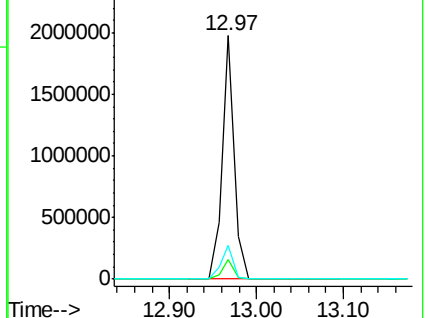
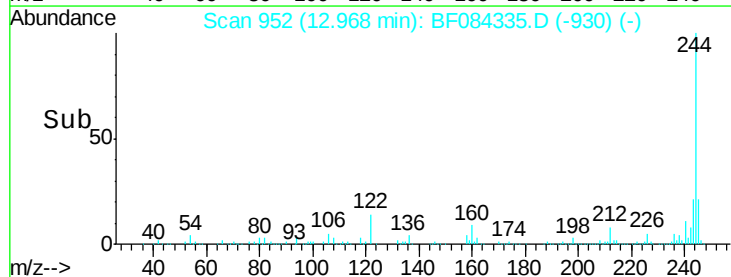
122 13.9 7.4 11.0#

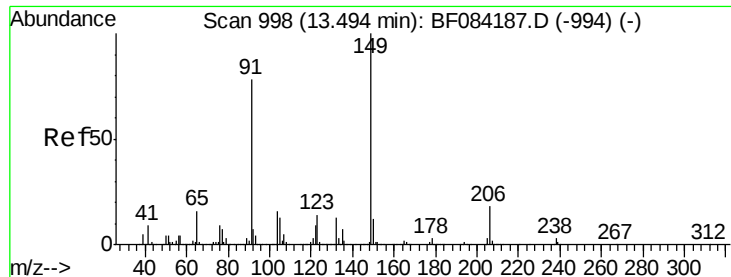


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

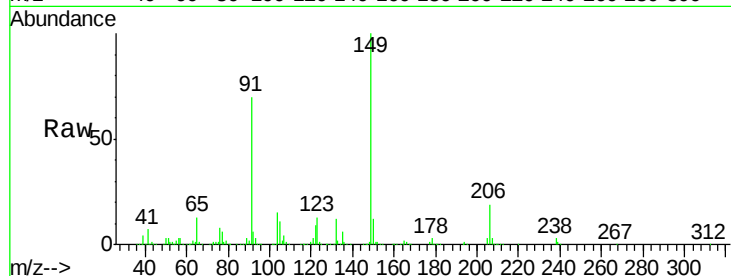




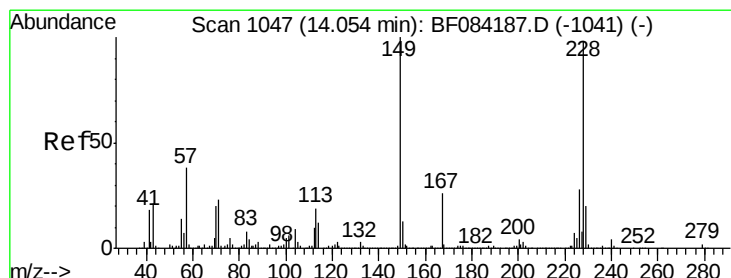
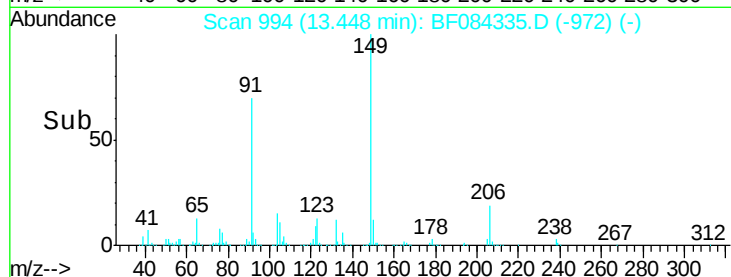
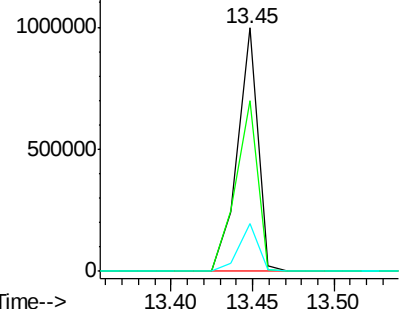
#79
Butylbenzylphthalate
Concen: 32.07 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB87715BS

Tgt Ion:149 Resp: 867997
Ion Ratio Lower Upper
149 100
91 70.4 57.6 86.4
206 19.4 13.2 19.8

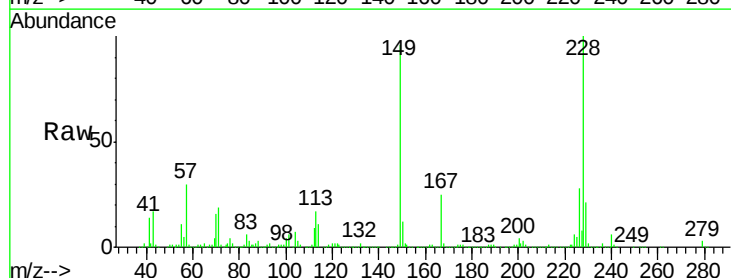


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

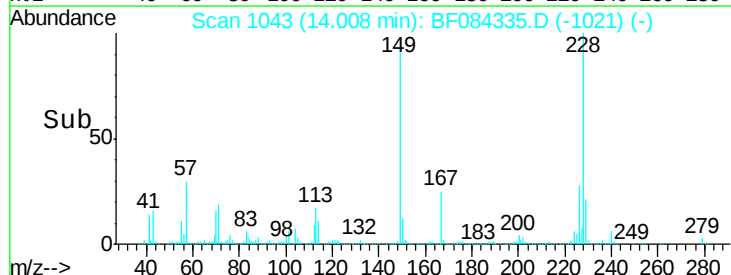
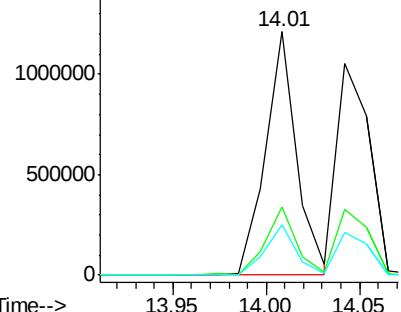


#80
Benzo(a)anthracene
Concen: 30.13 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Tgt Ion:228 Resp: 1409934
Ion Ratio Lower Upper
228 100
226 28.3 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

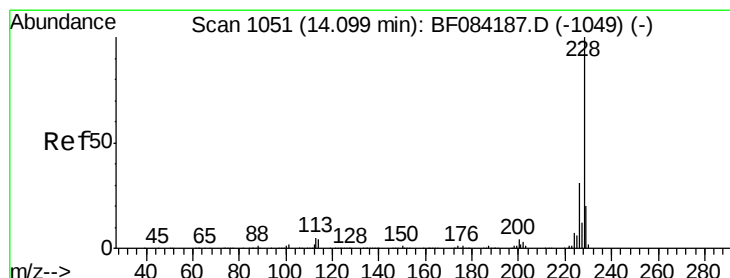
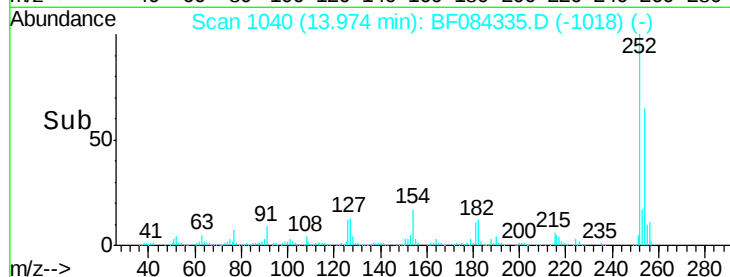
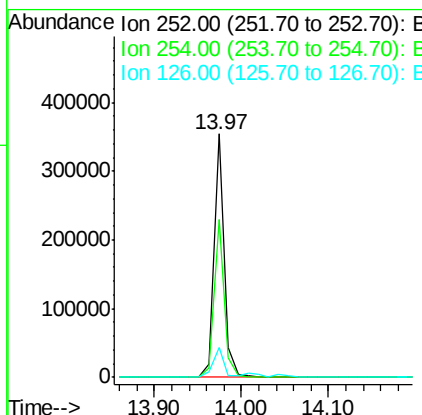
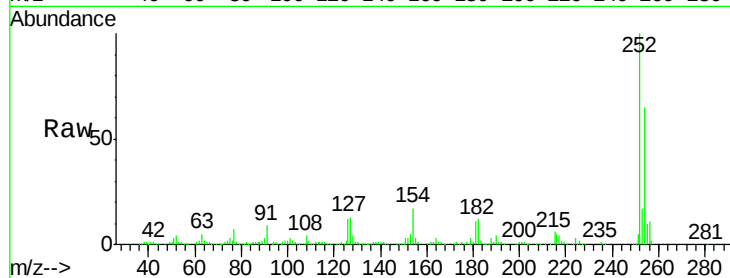




#81
 3,3'-Dichlorobenzidine
 Concen: 18.04 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

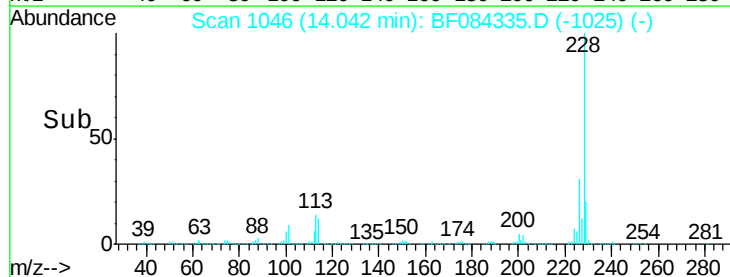
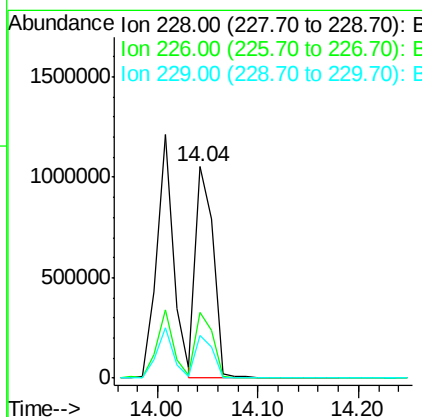
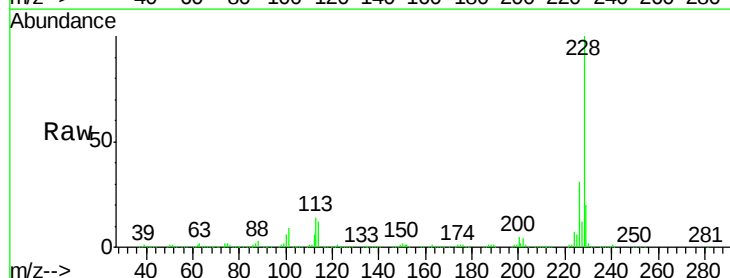
Instrument :
 BNA_F
 ClientSampleId :
 PB87715BS

Tgt Ion:252 Resp: 294583
 Ion Ratio Lower Upper
 252 100
 254 64.7 53.5 80.3
 126 12.4 4.9 7.3#



#82
 Chrysene
 Concen: 28.78 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.06 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Tgt Ion:228 Resp: 1294013
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.3 36.5
 229 20.5 16.1 24.1

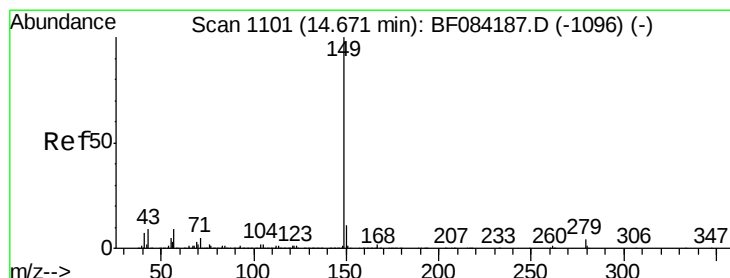
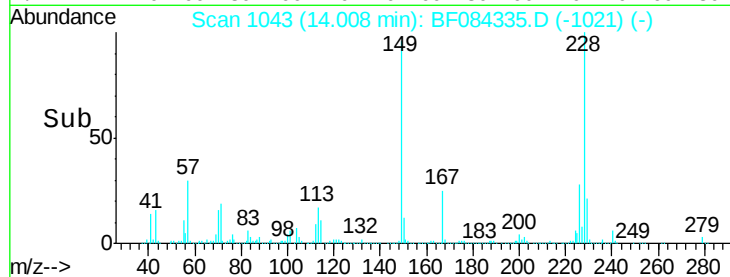
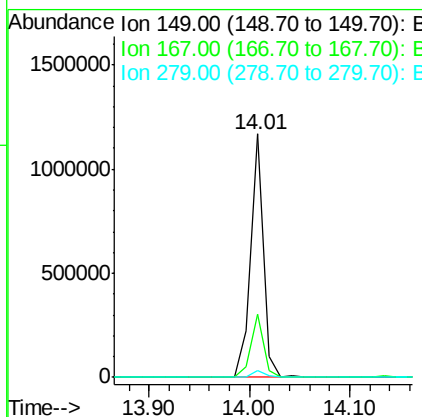
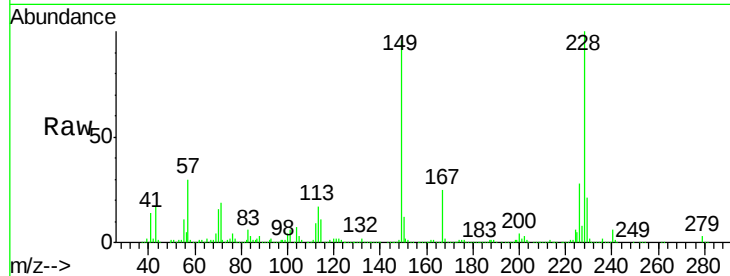




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.27 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

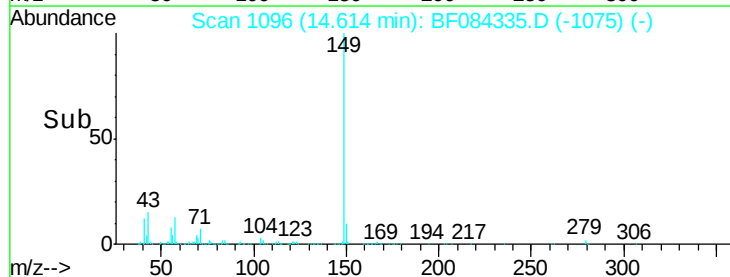
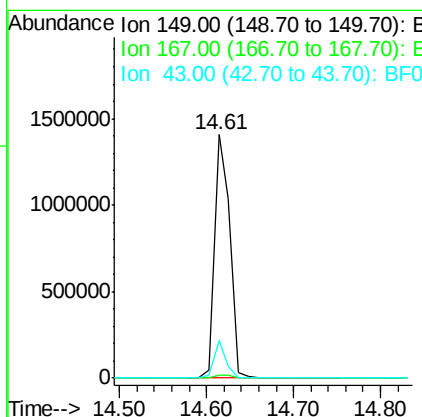
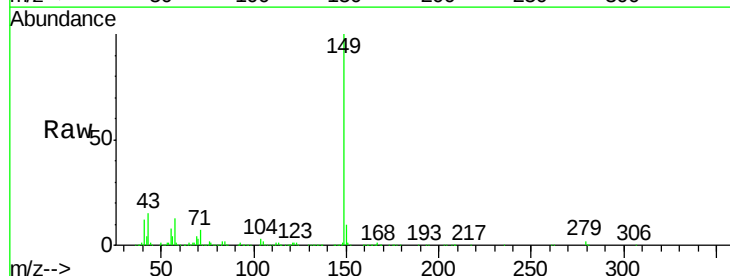
Instrument :
 BNA_F
 ClientSampleId :
 PB87715BS

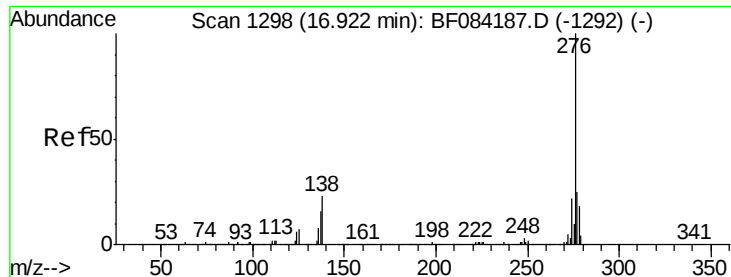
Tgt Ion:149 Resp: 1035087
 Ion Ratio Lower Upper
 149 100
 167 26.0 19.7 29.5
 279 2.9 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 30.22 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.06 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Tgt Ion:149 Resp: 1744247
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.8 5.6 8.4#

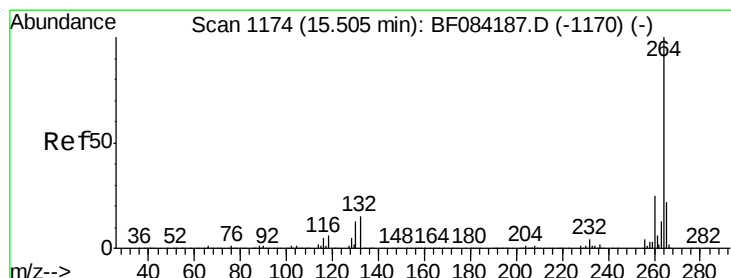
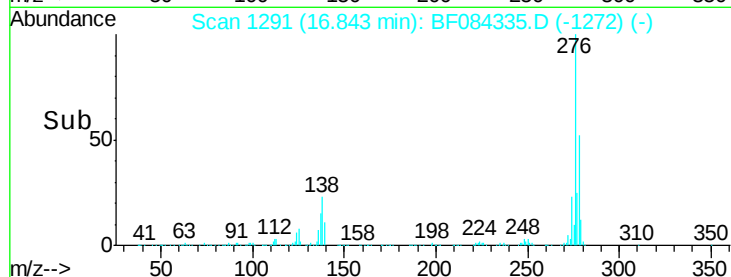
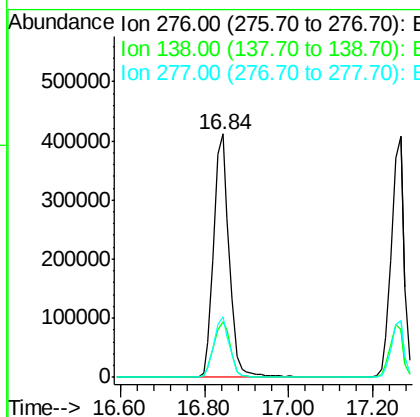
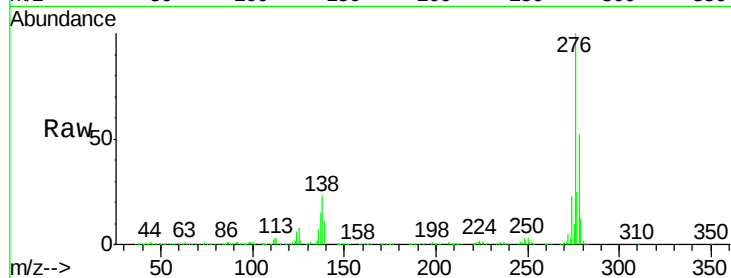




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.00 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.08 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

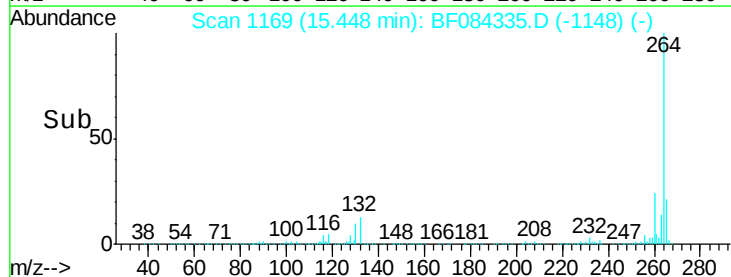
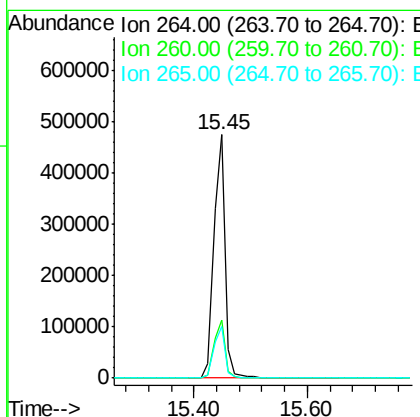
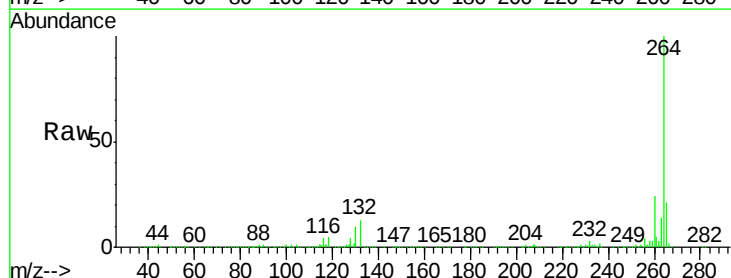
Instrument :
 BNA_F
 ClientSampleId :
 PB87715BS

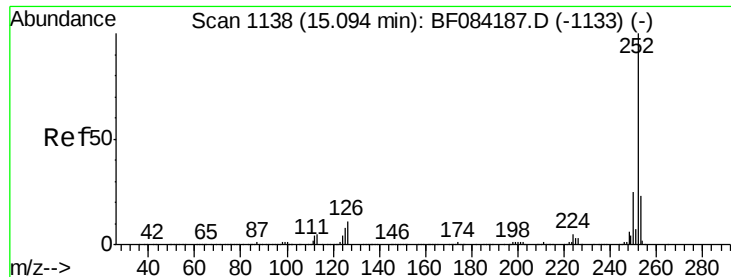
Tgt Ion:276 Resp: 1069450
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.6 30.8
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084335.D
 Acq: 8 Jan 2016 18:38

Tgt Ion:264 Resp: 629324
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.3 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 29.12 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.06 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

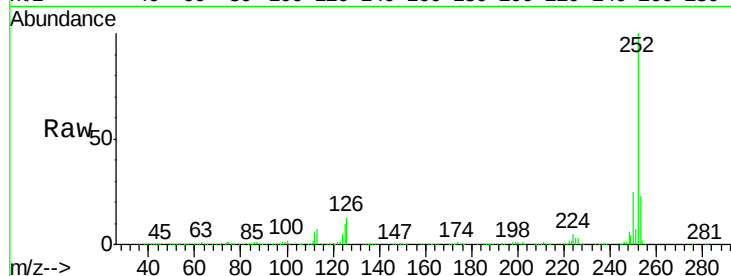
Tgt Ion:252 Resp: 1198855

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

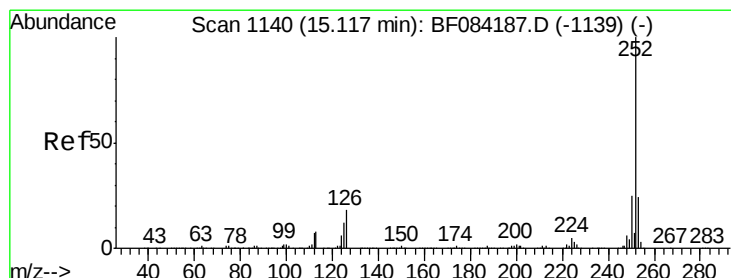
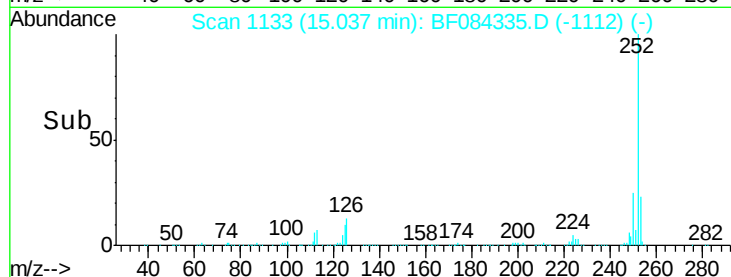
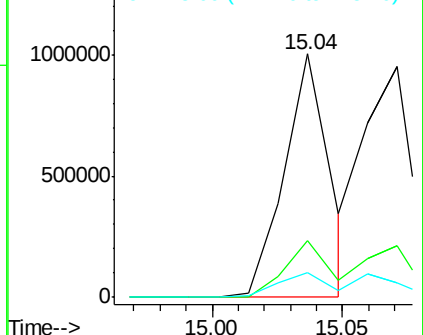
125 10.1 6.5 9.7#



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: 35.61 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.08 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

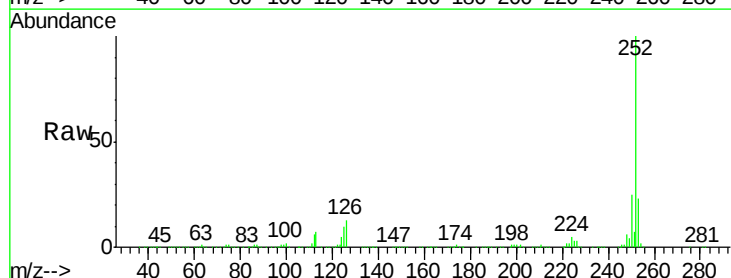
Tgt Ion:252 Resp: 1198855

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

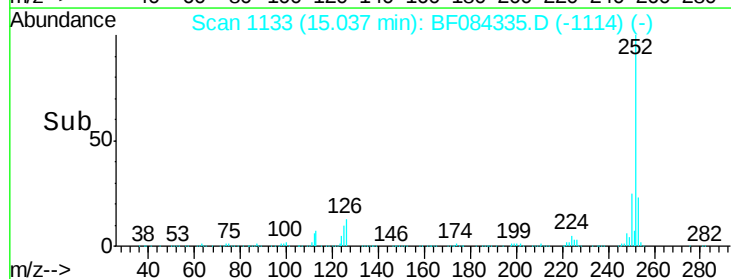
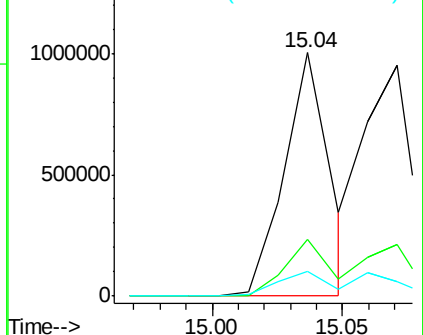
125 10.1 9.0 13.6

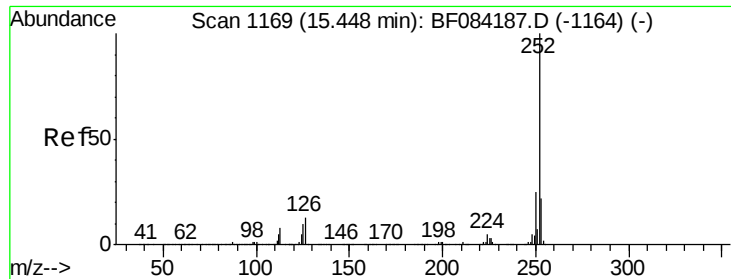


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

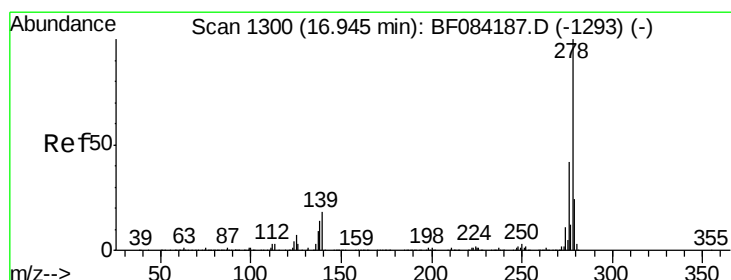
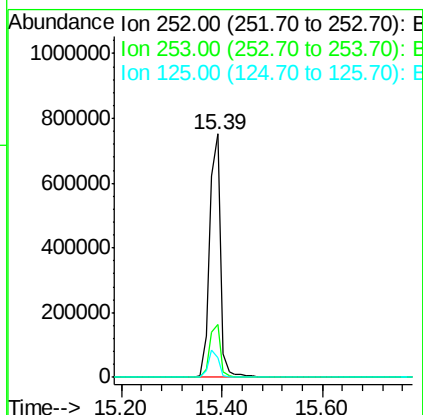
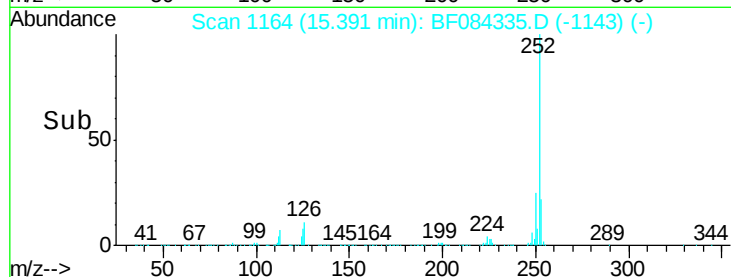
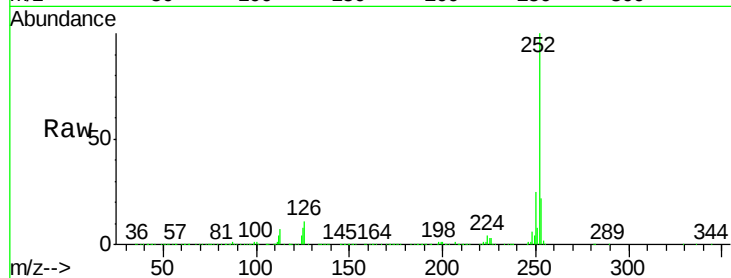




#89
Benzo(a)pyrene
Concen: 31.90 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

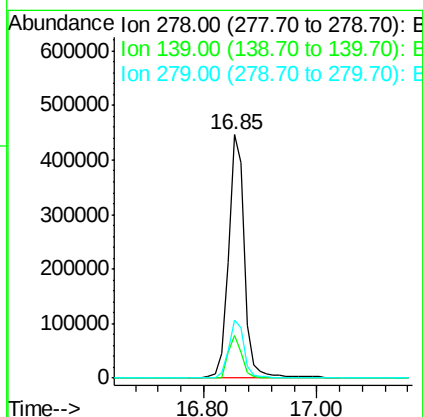
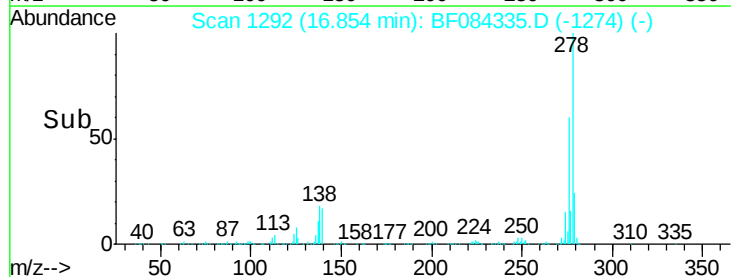
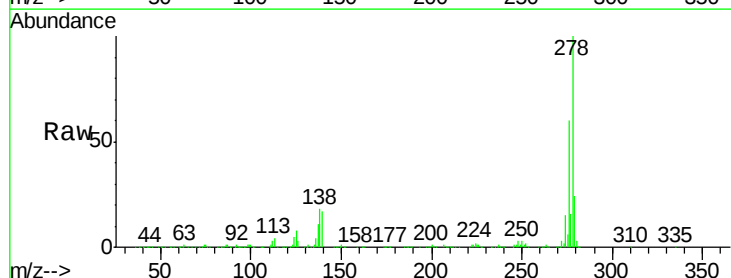
Instrument :
BNA_F
ClientSampleId :
PB87715BS

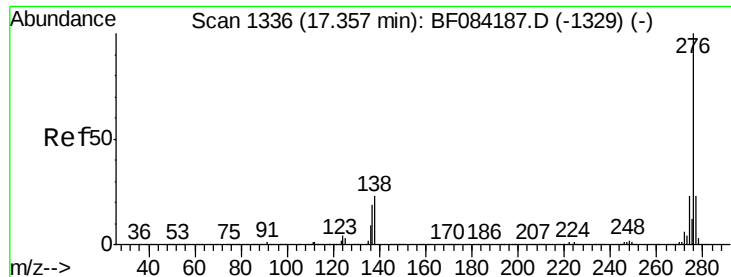
Tgt Ion:252 Resp: 1113713
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.2 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 29.29 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.09 min
Lab File: BF084335.D
Acq: 8 Jan 2016 18:38

Tgt Ion:278 Resp: 880028
Ion Ratio Lower Upper
278 100
139 17.4 15.0 22.4
279 24.0 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 28.26 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.09 min

Lab File: BF084335.D

Acq: 8 Jan 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB87715BS

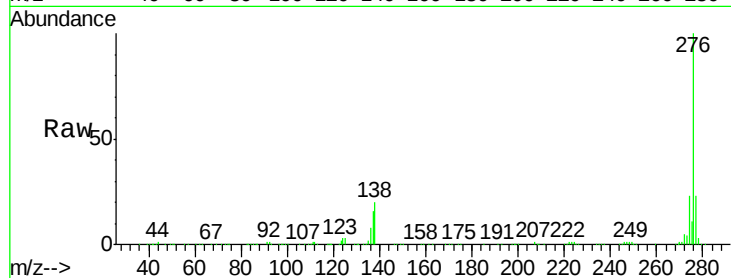
Tgt Ion: 276 Resp: 879412

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 19.9 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

