

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084117.D
 Acq On : 25 Dec 2015 9:18
 Operator : UM/SJ
 Sample : G4951-10MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Quant Time: Dec 26 00:33:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	48627	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	186863	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	84480	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	158722	20.00	ng	0.00
75) Chrysene-d12	13.96	240	119512	20.00	ng	0.00
86) Perylene-d12	15.38	264	95121	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	188979	65.89	ng	0.00
7) Phenol-d6	6.45	99	146563	41.30	ng	0.00
23) Nitrobenzene-d5	7.37	82	272710	85.43	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	138260	153.47	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	528292	85.56	ng	0.00
78) Terphenyl-d14	12.90	244	435355	65.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	19445	16.54	ng	98
3) Pyridine	3.13	79	40420	14.08	ng	98
4) n-Nitrosodimethylamine	3.04	42	23654	18.70	ng	98
6) Aniline	6.46	93	93200	20.77	ng	95
8) 2-Chlorophenol	6.59	128	127368	35.76	ng	96
9) Benzaldehyde	6.35	77	44013	23.19	ng	88
10) Phenol	6.46	94	62544	15.41	ng	# 19
11) bis(2-Chloroethyl)ether	6.53	93	122079	41.71	ng	95
12) 1,3-Dichlorobenzene	6.74	146	144389	37.13	ng	98
13) 1,4-Dichlorobenzene	6.74	146	144389	36.90	ng	94
14) 1,2-Dichlorobenzene	6.97	146	136036	37.73	ng	98
15) Benzyl Alcohol	6.96	79	80586	29.98	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	111271	38.91	ng	# 29
17) 2-Methylphenol	7.08	107	81298	29.73	ng	# 83
18) Hexachloroethane	7.31	117	52156	36.52	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	89269	40.84	ng	# 86
20) 3+4-Methylphenols	7.23	107	101839	29.19	ng	# 50
22) Acetophenone	7.22	105	202125	43.29	ng	# 86
24) Nitrobenzene	7.39	77	148893	43.93	ng	90
25) Isophorone	7.63	82	265814	45.01	ng	96
26) 2-Nitrophenol	7.71	139	74939	43.20	ng	93
27) 2,4-Dimethylphenol	7.76	122	121044	42.04	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	148679	43.19	ng	98
29) 2,4-Dichlorophenol	7.96	162	109010	40.76	ng	92
30) 1,2,4-Trichlorobenzene	8.03	180	121426	41.43	ng	98
31) Naphthalene	8.11	128	434451	43.70	ng	98
32) Benzoic acid	7.87	122	20393	14.77	ng	96
33) 4-Chloroaniline	8.17	127	85249	21.55	ng	# 91
34) Hexachlorobutadiene	8.22	225	64040	38.32	ng	97
35) Caprolactam	8.61	113	7496	10.11	ng	# 83
36) 4-Chloro-3-methylphenol	8.66	107	126678	42.13	ng	98
37) 2-Methylnaphthalene	8.90	142	271347	43.60	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	123754	46.47	ng	98
40) Hexachlorocyclopentadiene	8.96	237	50189	68.72	ng	98

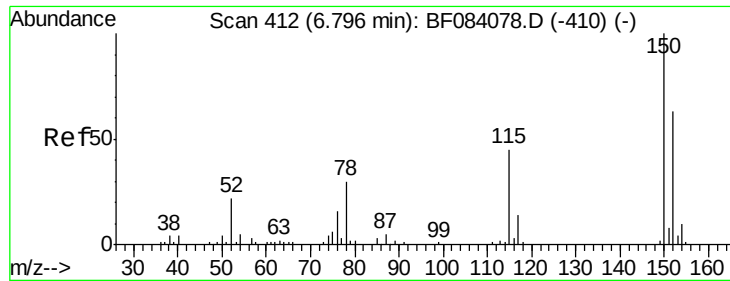
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084117.D
 Acq On : 25 Dec 2015 9:18
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 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	74612	42.97	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	82312	47.36	ng	98
45) 1,1'-Biphenyl	9.26	154	366128	47.97	ng	97
46) 2-Chloronaphthalene	9.29	162	267267	46.06	ng	97
47) 2-Nitroaniline	9.39	65	80907	52.48	ng	# 77
48) Acenaphthylene	9.70	152	393010	41.24	ng	99
49) Dimethylphthalate	9.57	163	363817	52.00	ng	# 91
50) 2,6-Dinitrotoluene	9.63	165	71451	48.11	ng	# 71
51) Acenaphthene	9.87	154	235624	42.52	ng	100
52) 3-Nitroaniline	9.80	138	36810	23.10	ng	86
53) 2,4-Dinitrophenol	9.92	184	57164	92.96	ng	93
54) Dibenzofuran	10.04	168	353191	46.34	ng	# 90
55) 4-Nitrophenol	10.00	139	30442	37.42	ng	82
56) 2,4-Dinitrotoluene	10.04	165	100722	51.38	ng	93
57) Fluorene	10.38	166	280731	43.34	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	65295	52.70	ng	# 98
59) Diethylphthalate	10.27	149	338887	47.68	ng	100
60) 4-Chlorophenyl-phenylether	10.37	204	126011	42.18	ng	# 76
61) 4-Nitroaniline	10.42	138	68170	46.28	ng	96
62) Azobenzene	10.53	77	295903	50.53	ng	87
64) 4,6-Dinitro-2-methylphenol	10.45	198	45945	52.15	ng	94
65) n-Nitrosodiphenylamine	10.50	169	255312	45.12	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	78802	42.86	ng	# 68
67) Hexachlorobenzene	10.94	284	90761	45.09	ng	# 86
68) Atrazine	11.05	200	76888	45.12	ng	99
69) Pentachlorophenol	11.14	266	80285	117.27	ng	97
70) Phenanthrene	11.34	178	405199	43.06	ng	99
71) Anthracene	11.40	178	451915	45.93	ng	100
72) Carbazole	11.56	167	428947	51.25	ng	98
73) Di-n-butylphthalate	11.88	149	480551	44.56	ng	# 97
74) Fluoranthene	12.53	202	423305	42.89	ng	98
77) Pyrene	12.76	202	440516	42.72	ng	99
79) Butylbenzylphthalate	13.38	149	210189	49.25	ng	90
80) Benzo(a)anthracene	13.95	228	332459	45.22	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	21525	9.67	ng	# 92
82) Chrysene	13.99	228	297279	43.85	ng	100
83) Bis(2-ethylhexyl)phthalate	13.94	149	271222	49.18	ng	# 97
84) Di-n-octyl phthalate	14.55	149	399439	51.47	ng	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	314481	46.33	ng	99
87) Benzo(b)fluoranthene	14.98	252	567562	80.35	ng	98
88) Benzo(k)fluoranthene	14.98	252	567569	118.56	ng	98
89) Benzo(a)pyrene	15.32	252	272058	46.75	ng	# 98
90) Dibenzo(a,h)anthracene	16.77	278	264246	46.53	ng	98
91) Benzo(g,h,i)perylene	17.19	276	271339	46.81	ng	99

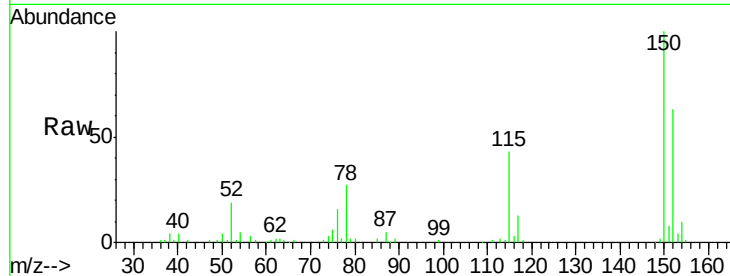
(#) = qualifier out of range (m) = manual integration (+) = signals summed



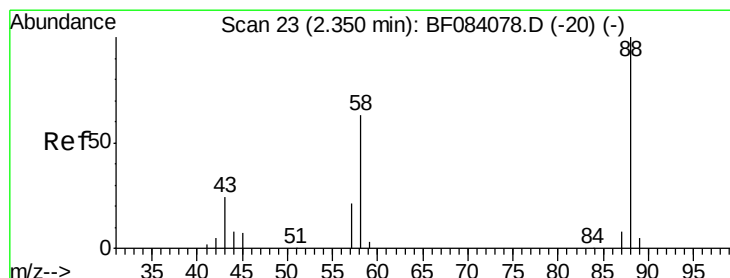
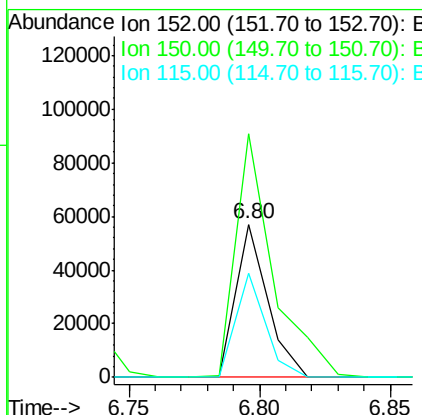
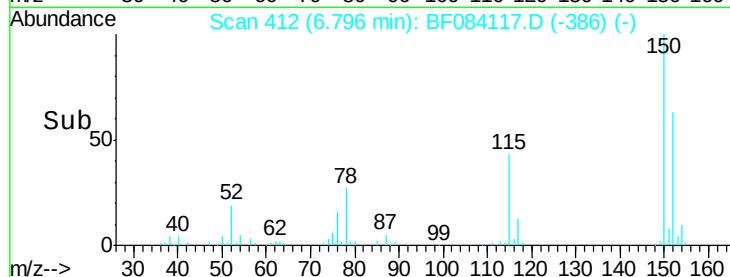
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tgt Ion:152 Resp: 48627
 Ion Ratio Lower Upper
 152 100
 150 159.2 123.0 184.4
 115 67.7 51.4 77.2

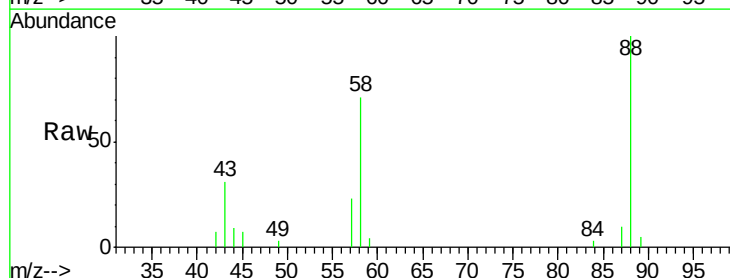


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

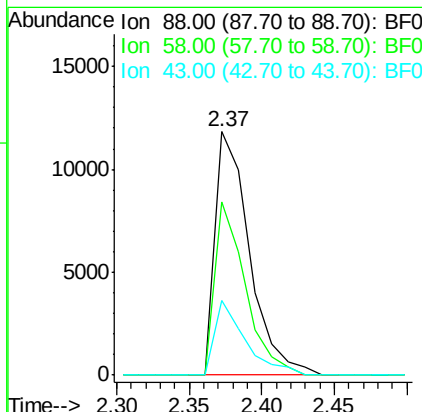
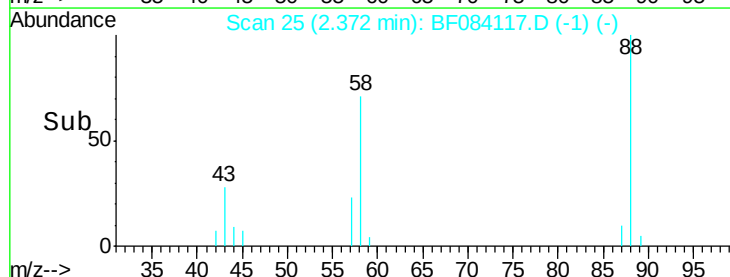


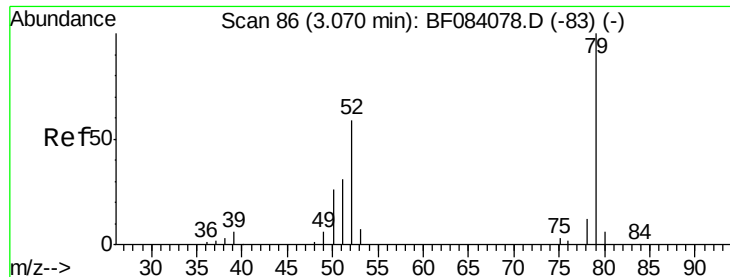
#2
 1,4-Dioxane
 Concen: 16.54 ng
 RT: 2.37 min Scan# 25
 Delta R.T. 0.02 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion: 88 Resp: 19445
 Ion Ratio Lower Upper
 88 100
 58 63.2 51.2 76.8
 43 27.1 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: 14.08 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.06 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

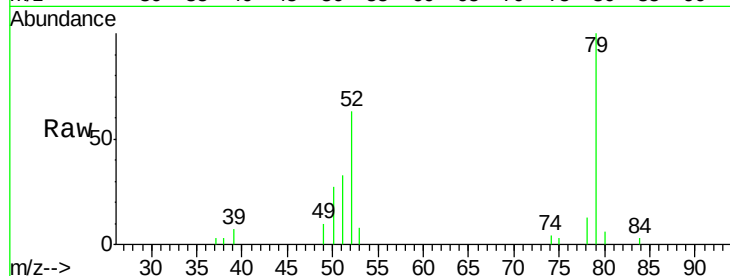
Tgt Ion: 79 Resp: 40420

Ion Ratio Lower Upper

79 100

52 62.8 49.0 73.4

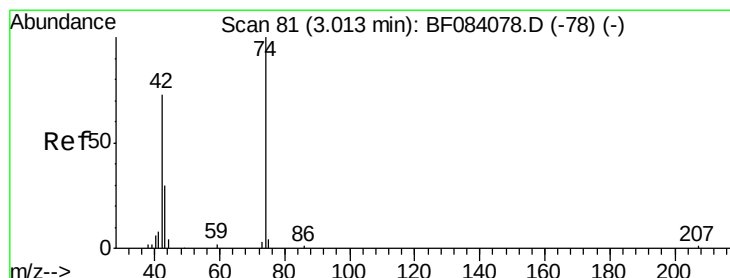
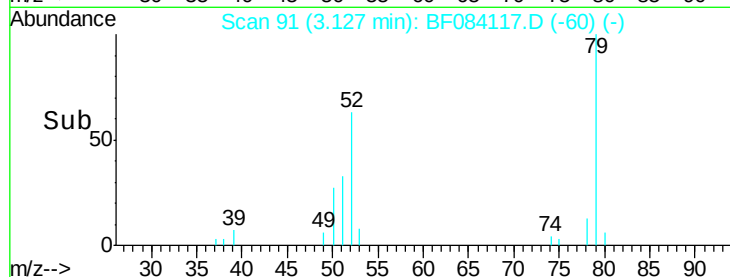
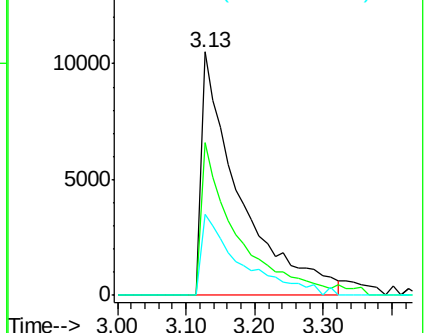
51 33.3 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 18.70 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.02 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

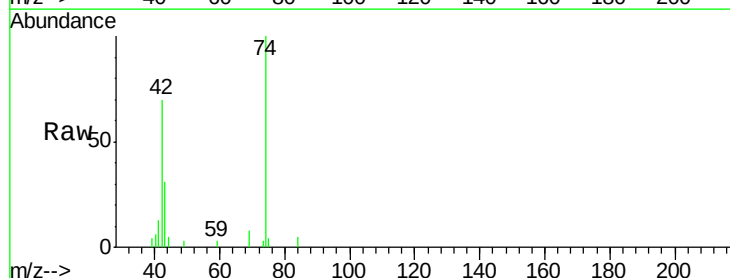
Tgt Ion: 42 Resp: 23654

Ion Ratio Lower Upper

42 100

74 141.9 115.7 173.5

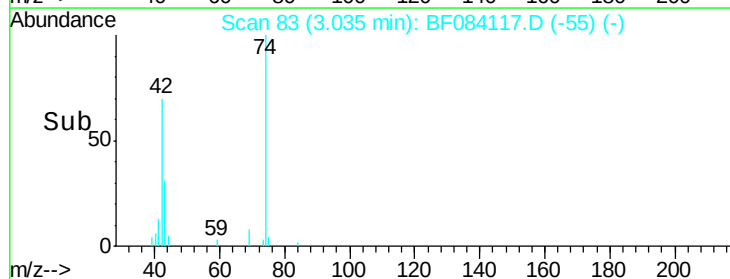
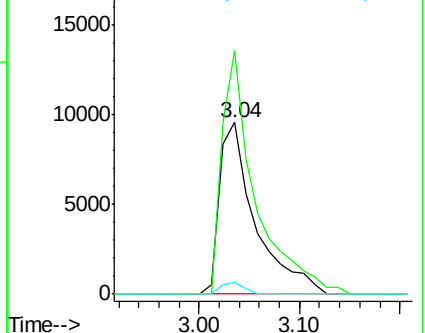
44 6.8 5.1 7.7

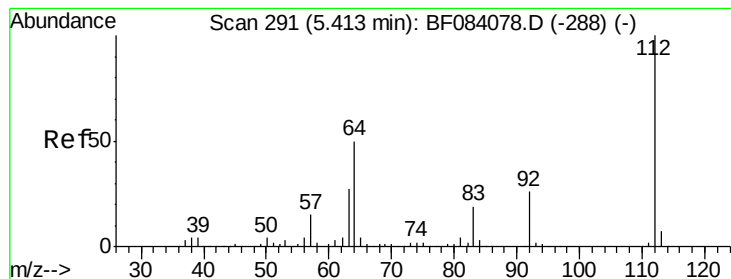


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 65.89 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

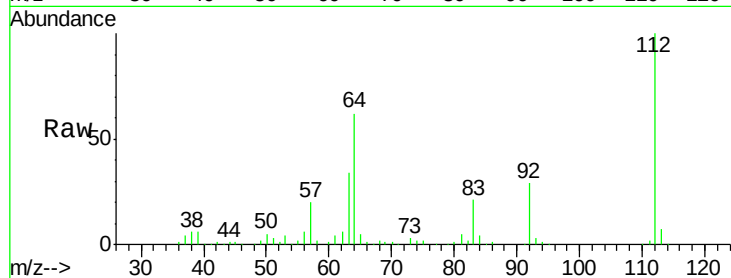
Tgt Ion: 112 Resp: 188979

Ion Ratio Lower Upper

112 100

64 62.1 36.6 55.0#

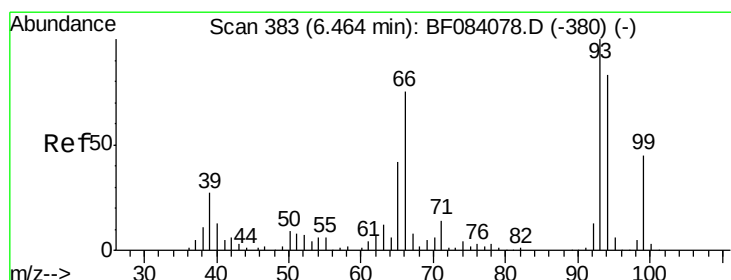
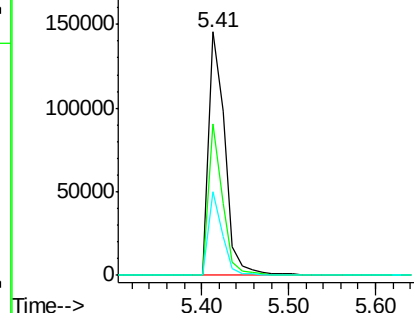
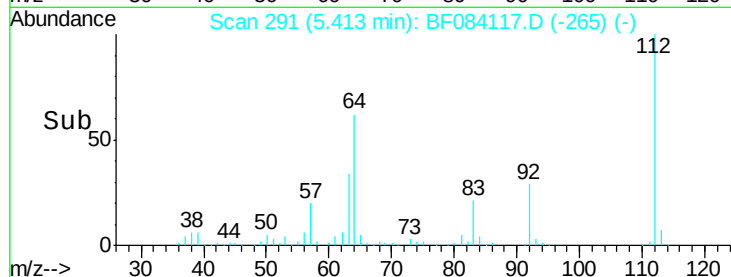
63 34.1 19.4 29.0#



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: 20.77 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

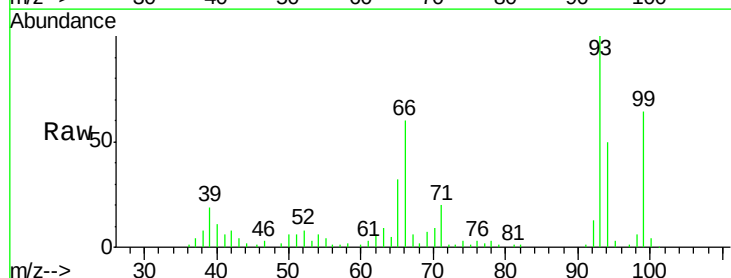
Tgt Ion: 93 Resp: 93200

Ion Ratio Lower Upper

93 100

66 59.9 44.9 67.3

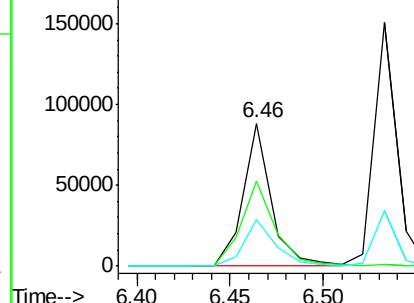
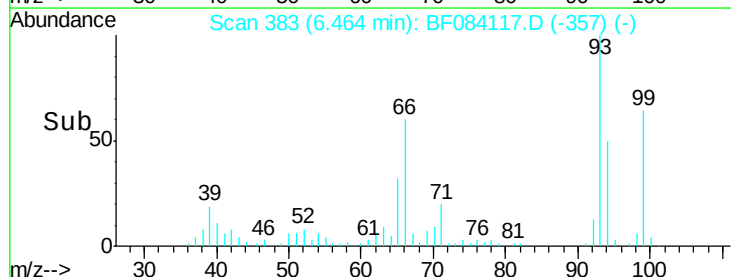
65 32.2 23.7 35.5

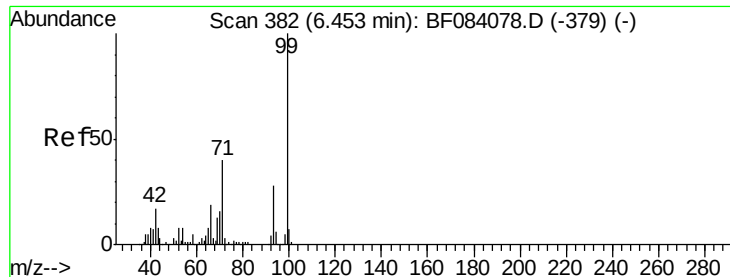


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 41.30 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

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PZ-1-122315MS

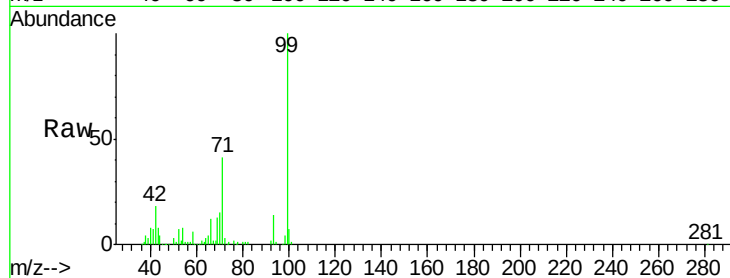
Tgt Ion: 99 Resp: 146563

Ion Ratio Lower Upper

99 100

42 17.9 12.8 19.2

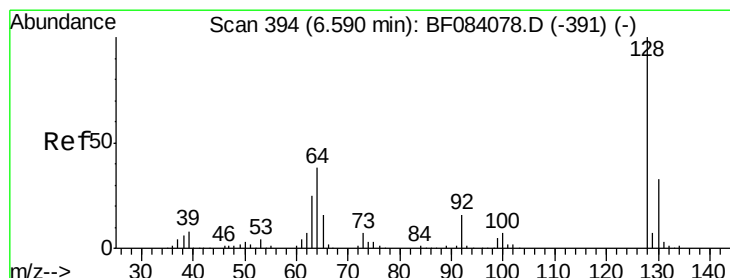
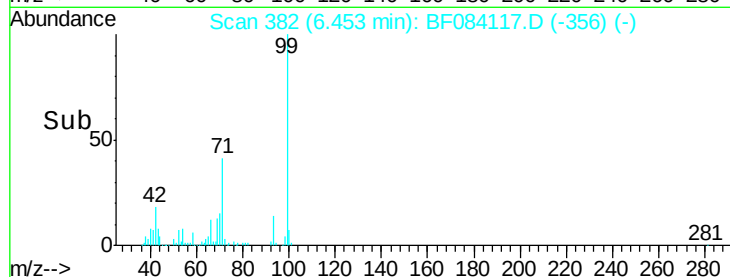
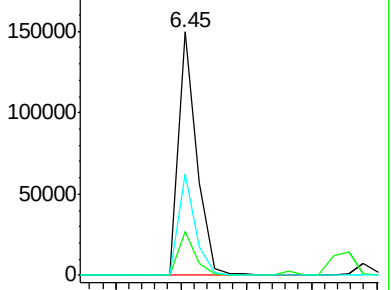
71 41.4 30.9 46.3



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: 35.76 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

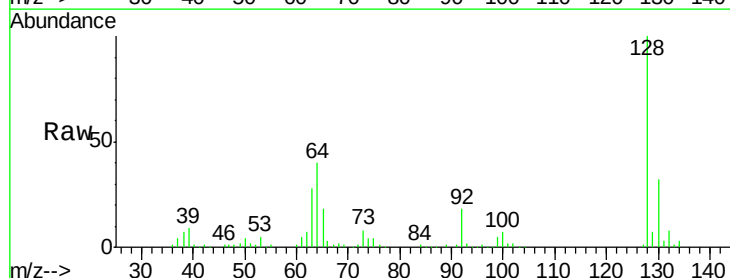
Tgt Ion: 128 Resp: 127368

Ion Ratio Lower Upper

128 100

130 32.4 11.6 51.6

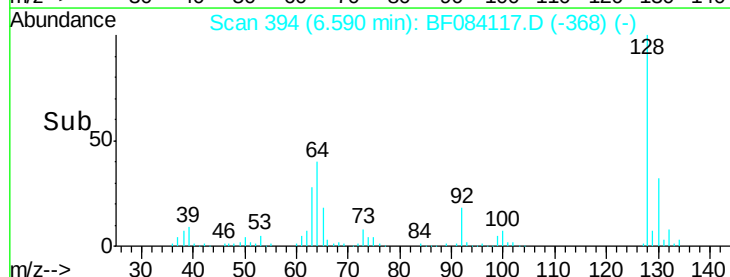
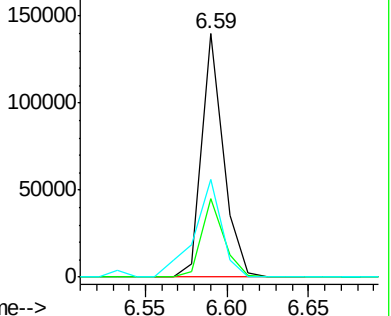
64 40.3 23.8 63.8

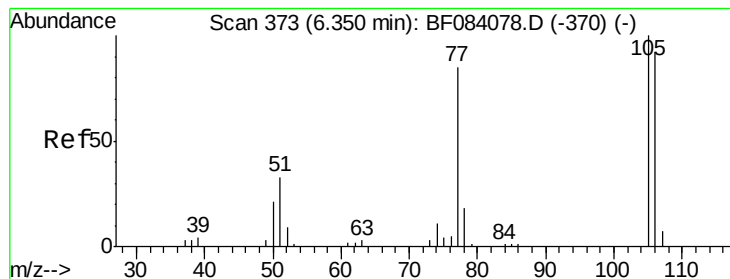


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.19 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

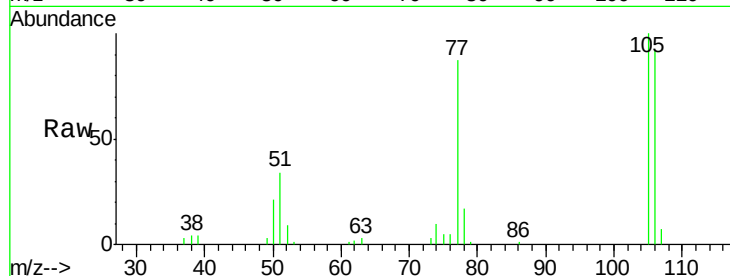
Tgt Ion: 77 Resp: 44013

Ion Ratio Lower Upper

77 100

105 114.8 83.0 123.0

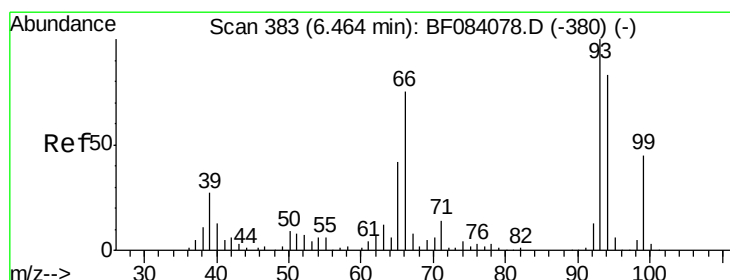
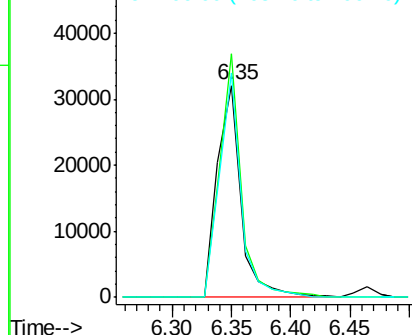
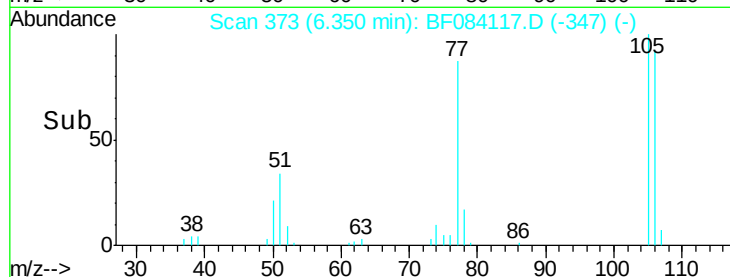
106 105.9 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 15.41 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

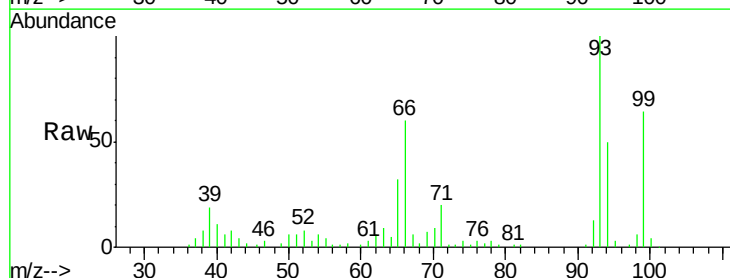
Tgt Ion: 94 Resp: 62544

Ion Ratio Lower Upper

94 100

65 64.7 12.9 52.9#

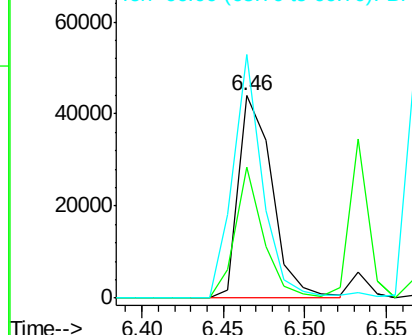
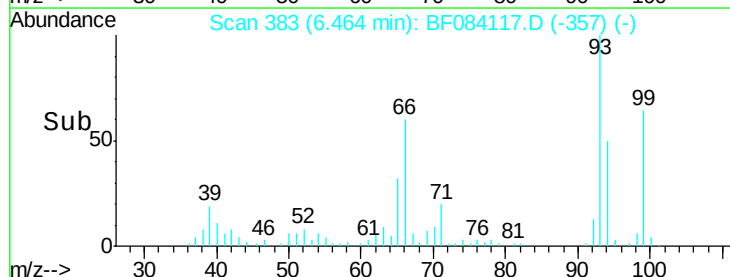
66 120.4 32.7 72.7#

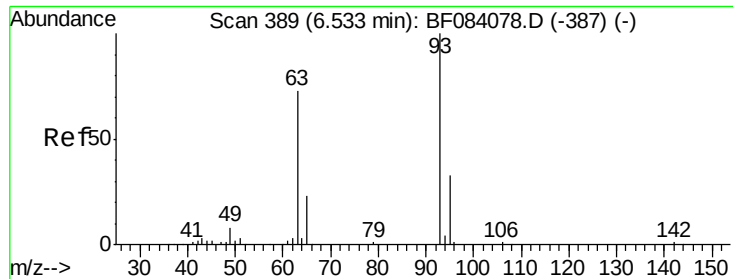


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

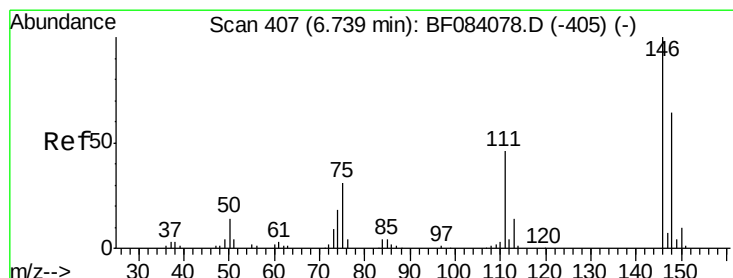
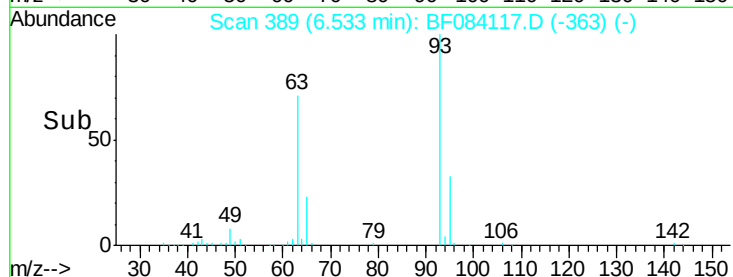
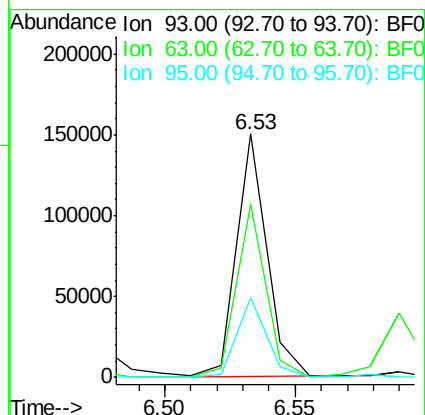
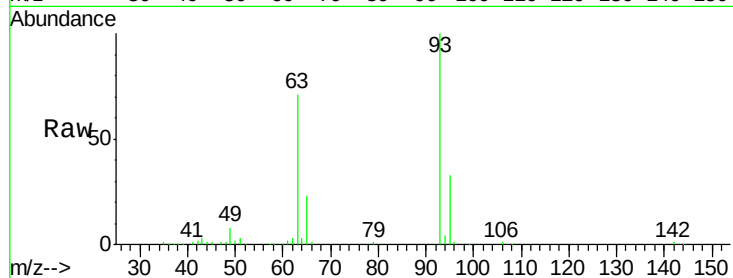




#11
bis(2-Chloroethyl)ether
Concen: 41.71 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

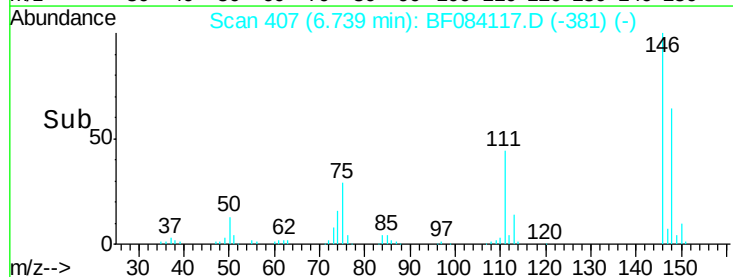
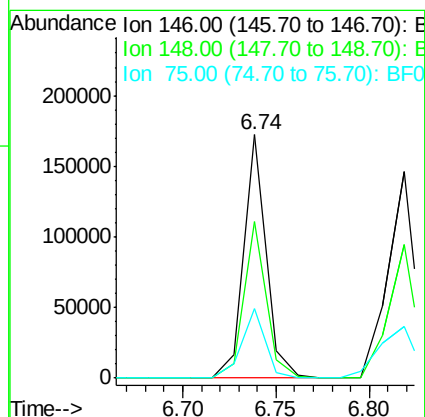
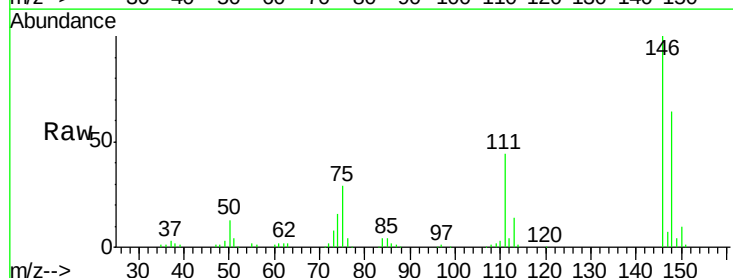
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

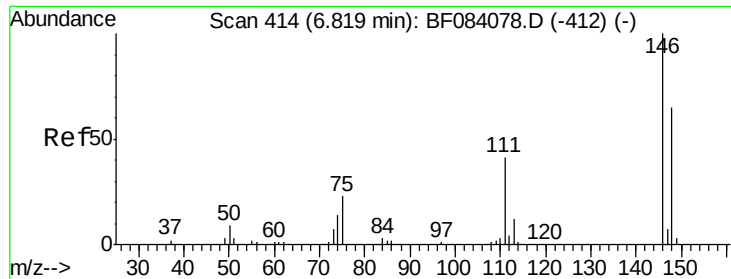
Tgt Ion:	93	Resp:	122079
Ion	Ratio	Lower	Upper
93	100		
63	71.3	45.9	85.9
95	32.7	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 37.13 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion:	146	Resp:	144389
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
75	28.6	20.5	30.7

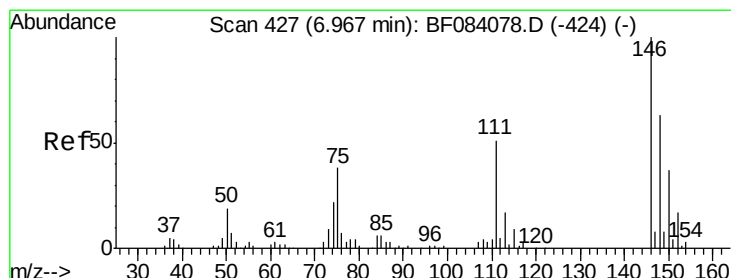
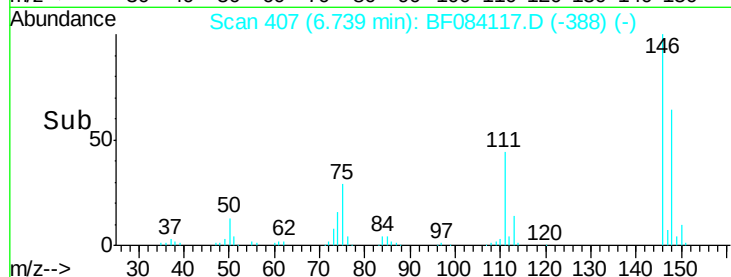
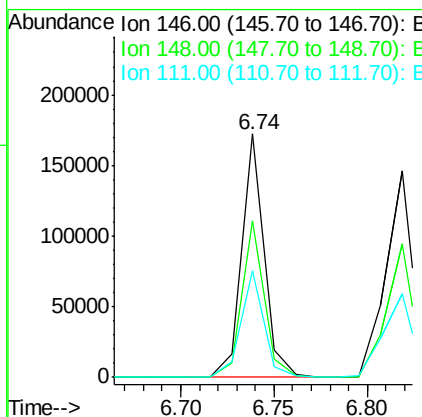
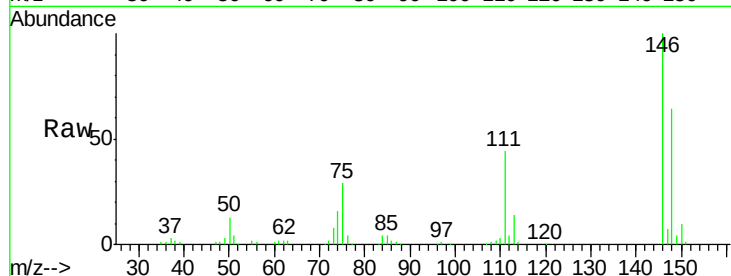




#13
 1,4-Dichlorobenzene
 Concen: 36.90 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.08 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

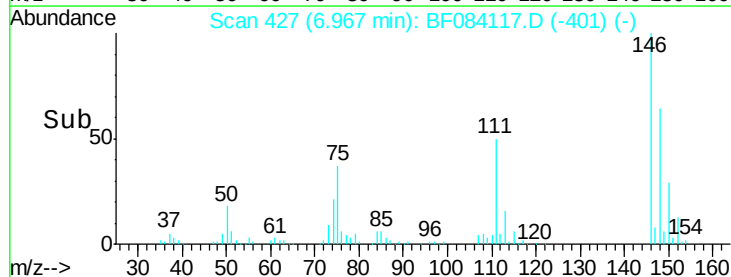
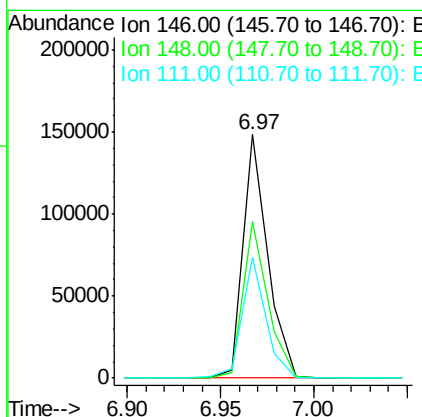
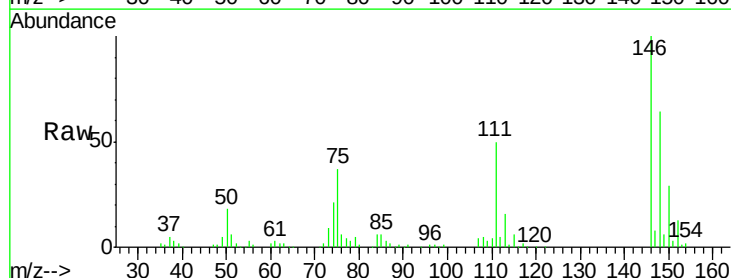
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

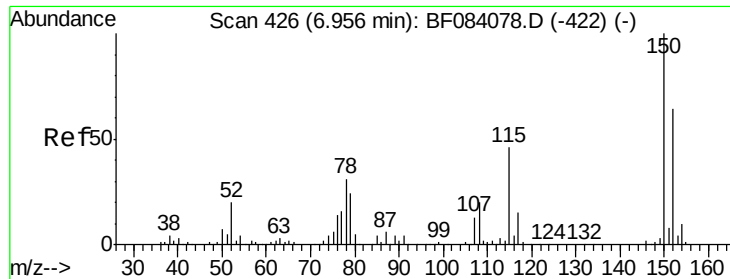
Tgt Ion:146 Resp: 144389
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 43.6 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 37.73 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion:146 Resp: 136036
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.6 77.4
 111 49.6 38.0 57.0





#15

Benzyl Alcohol

Concen: 29.98 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

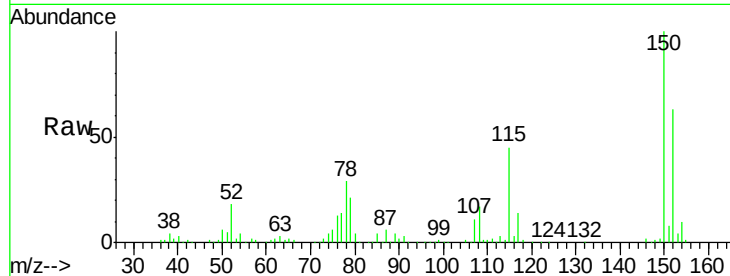
Tgt Ion: 79 Resp: 80586

Ion Ratio Lower Upper

79 100

108 79.2 69.0 103.4

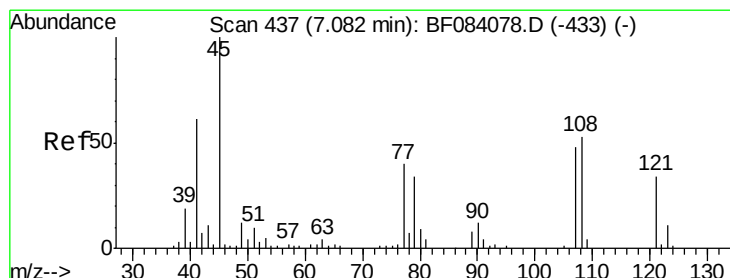
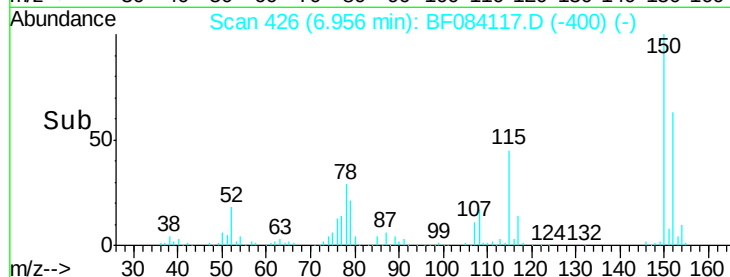
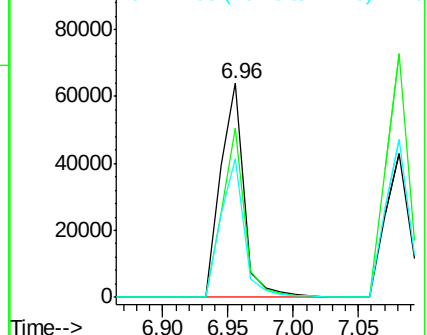
77 65.0 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.91 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

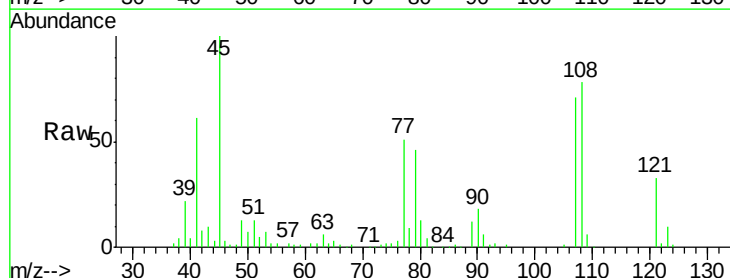
Tgt Ion: 45 Resp: 111271

Ion Ratio Lower Upper

45 100

77 50.7 0.0 39.6#

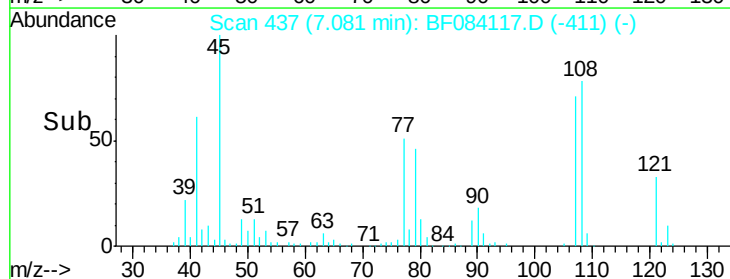
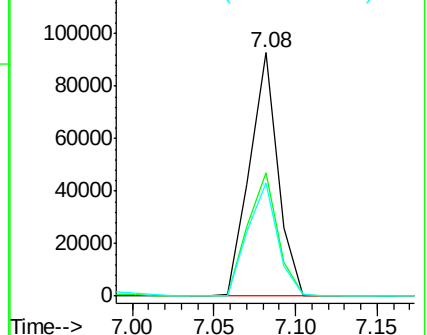
79 46.3 0.0 35.0#

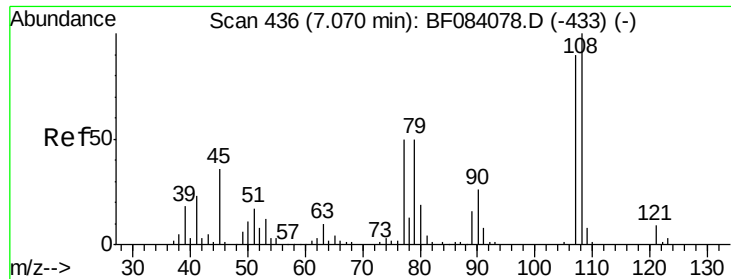


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 29.73 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.01 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

Tgt Ion:107 Resp: 81298

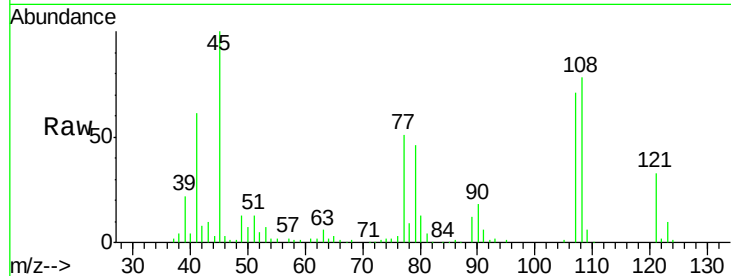
Ion Ratio Lower Upper

107 100

108 110.0 89.8 134.6

77 71.2 35.7 53.5#

79 64.9 35.7 53.5#

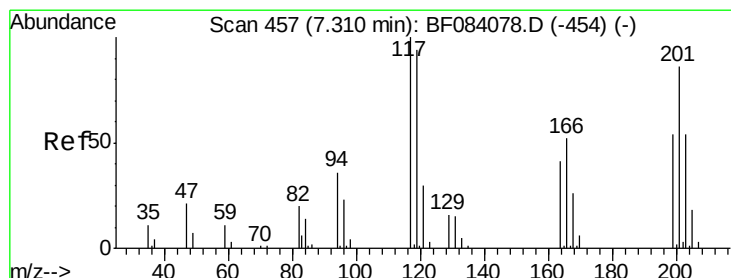
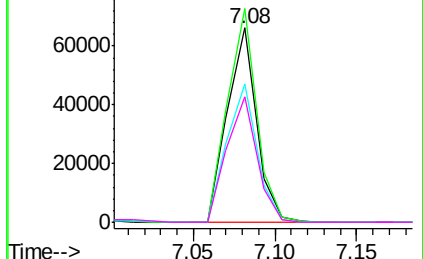
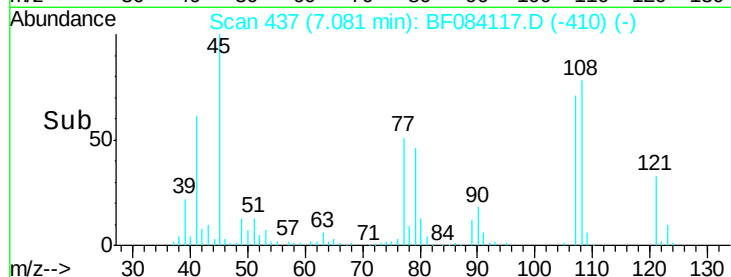


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.52 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

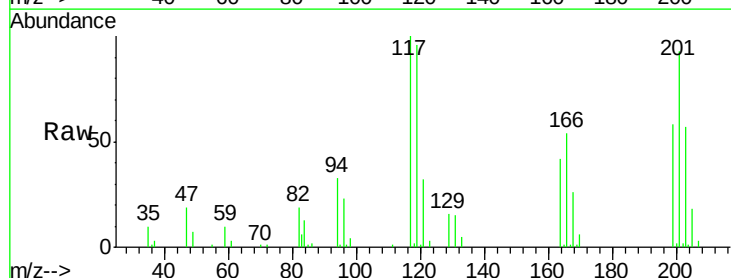
Tgt Ion:117 Resp: 52156

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.0

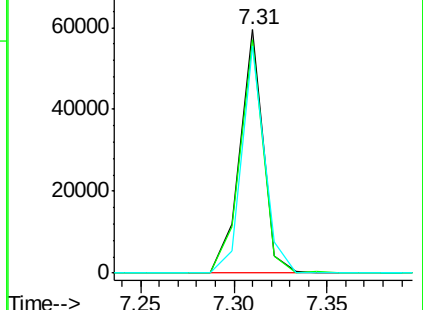
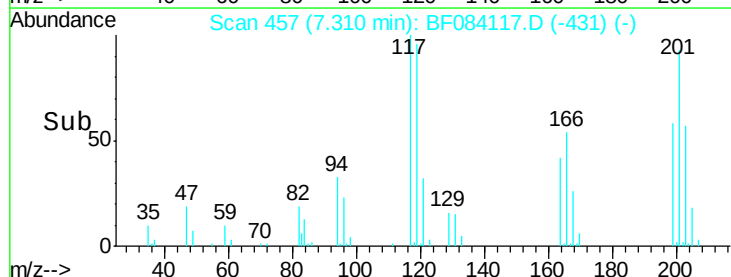
201 93.4 68.6 103.0

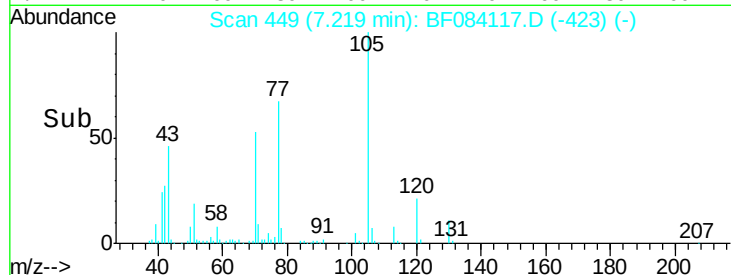
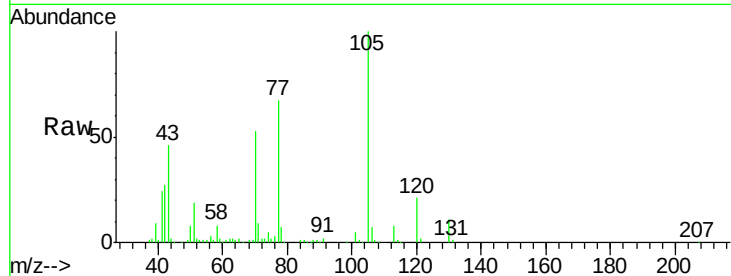
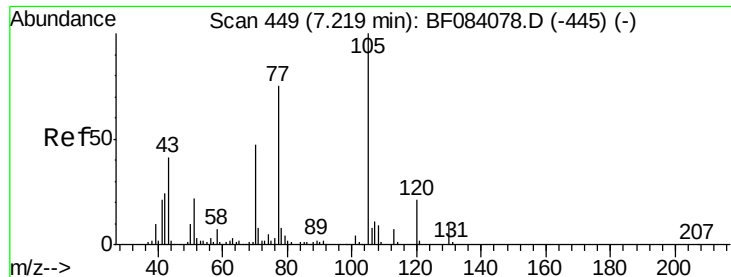


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

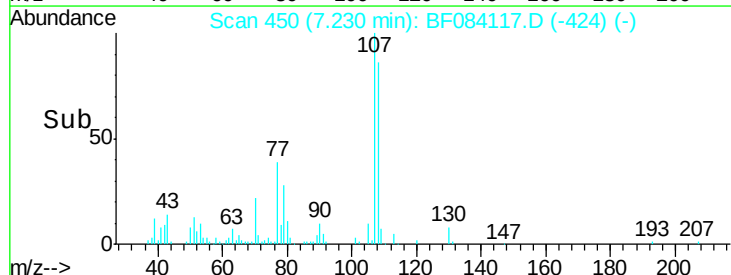
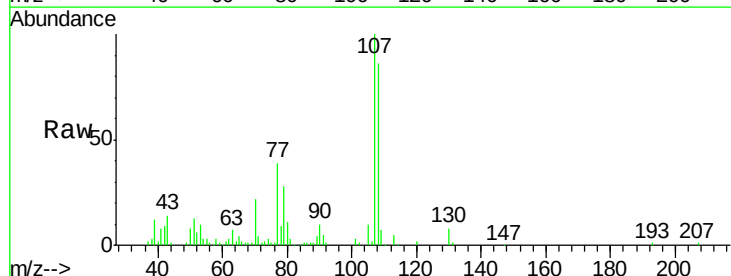
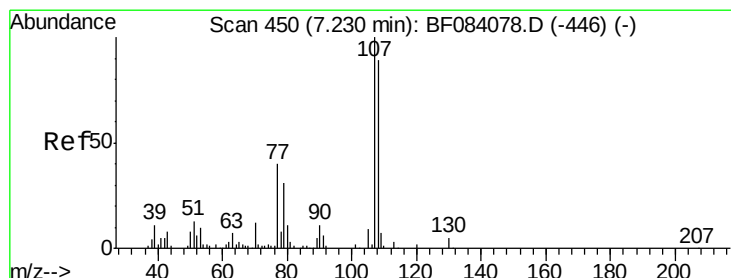
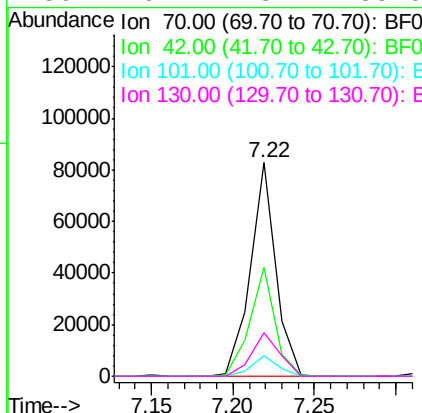




#19
n-Nitroso-di-n-propylamine
Concen: 40.84 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

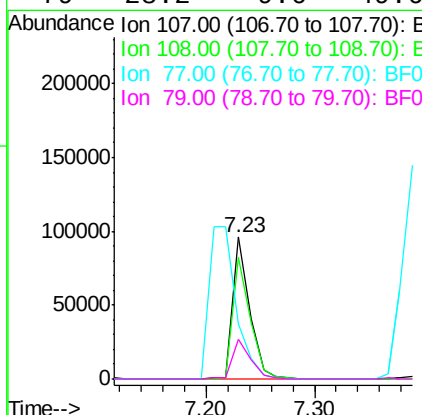
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

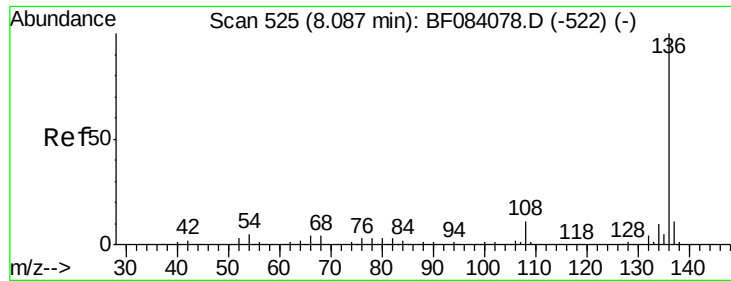
Tgt Ion: 70 Resp: 89269
Ion Ratio Lower Upper
70 100
42 50.7 33.3 49.9#
101 9.7 9.3 13.9
130 20.7 23.4 35.0#



#20
3+4-Methylphenols
Concen: 29.19 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion: 107 Resp: 101839
Ion Ratio Lower Upper
107 100
108 85.9 64.1 104.1
77 39.1 128.9 168.9#
79 28.2 9.6 49.6

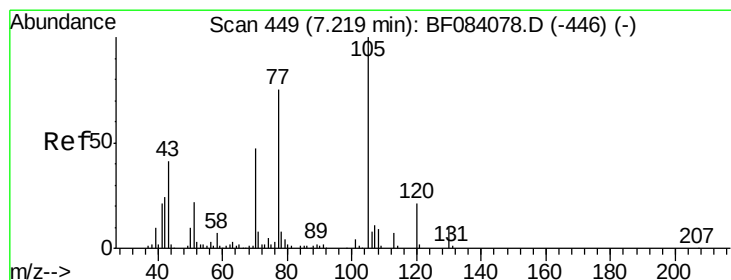
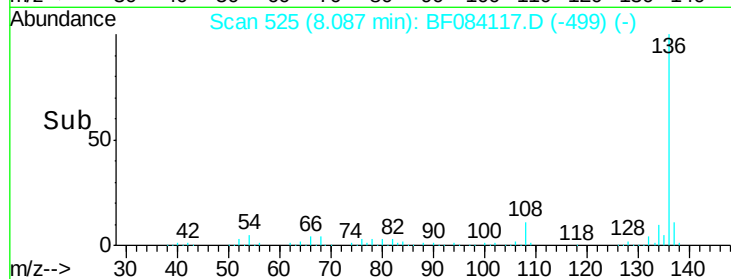
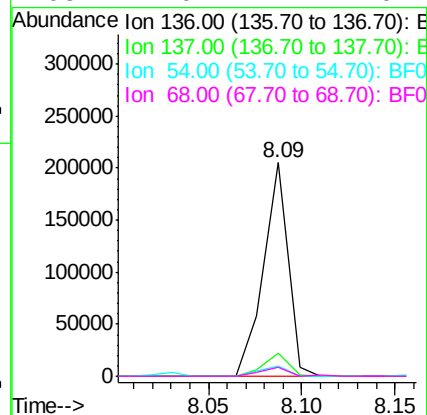
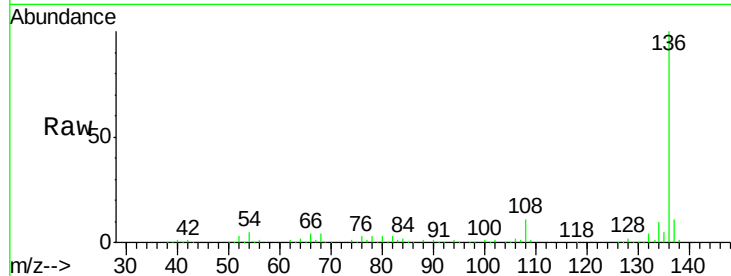




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

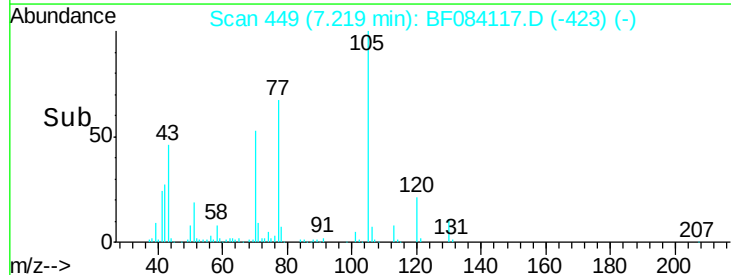
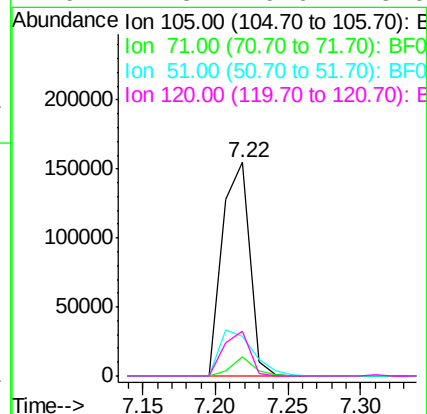
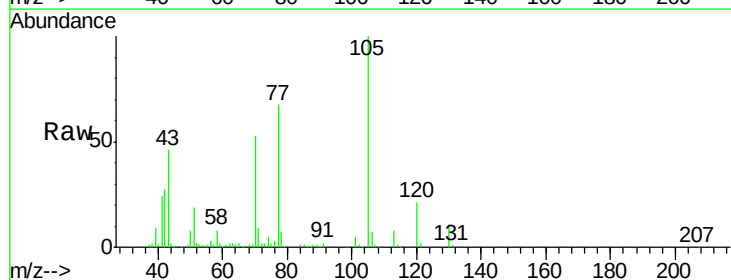
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

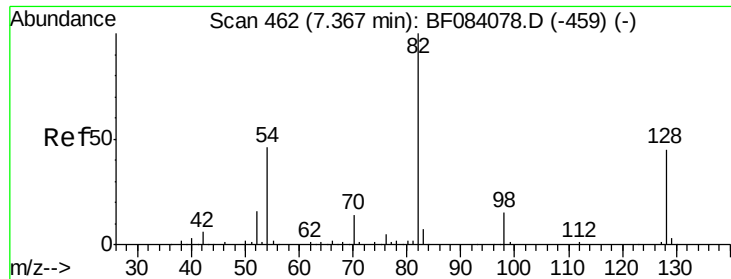
Tgt Ion:	136	Resp:	186863
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	5.0	5.8	8.8#
68	4.0	4.2	6.2#



#22
Acetophenone
Concen: 43.29 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion:	105	Resp:	202125
Ion Ratio	Lower	Upper	
105	100		
71	8.8	3.7	5.5#
51	18.6	25.1	37.7#
120	21.3	16.6	25.0

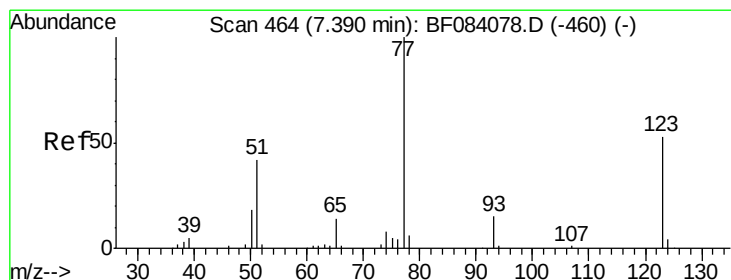
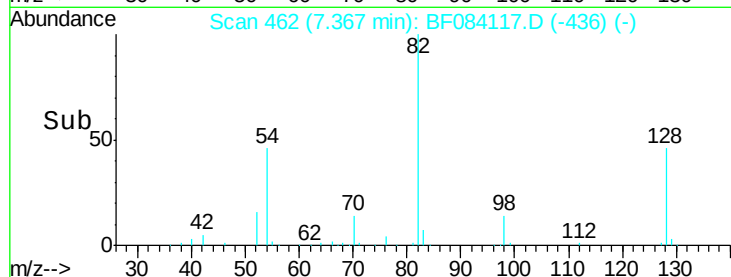
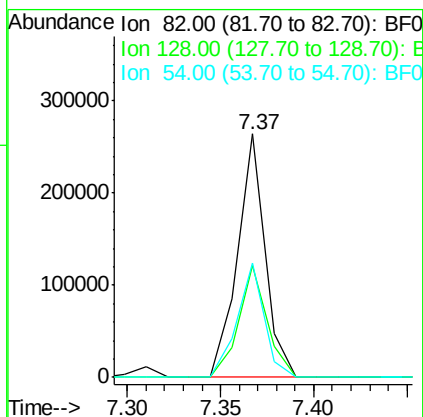
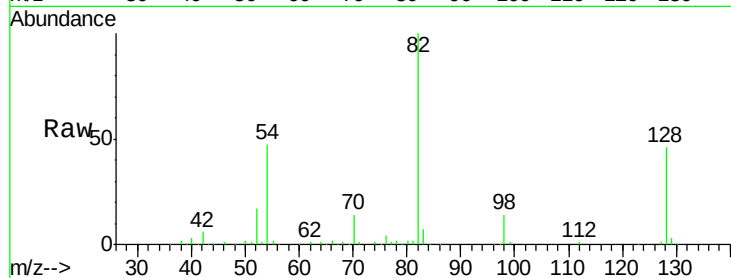




#23
 Nitrobenzene-d5
 Concen: 85.43 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

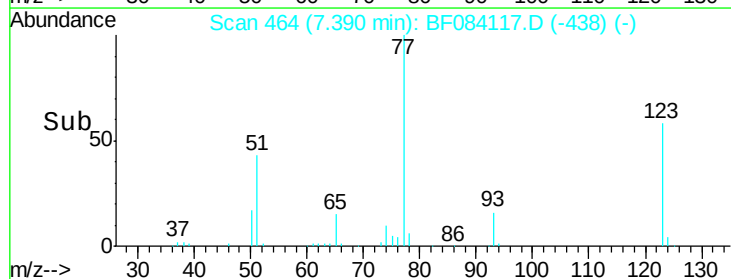
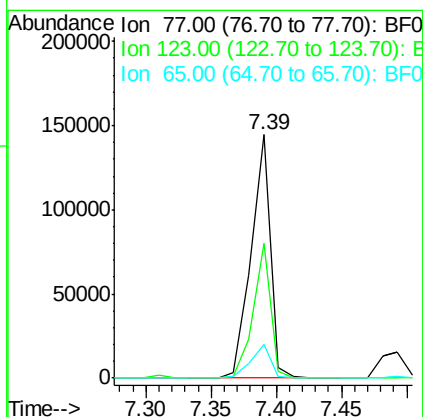
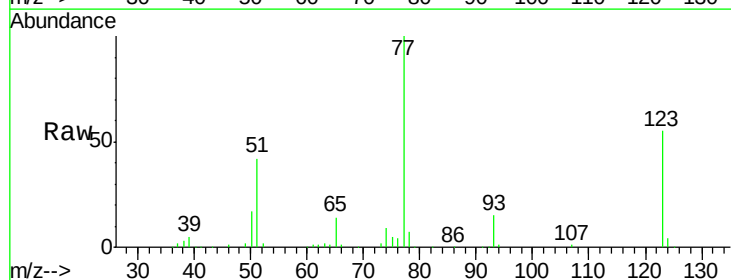
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

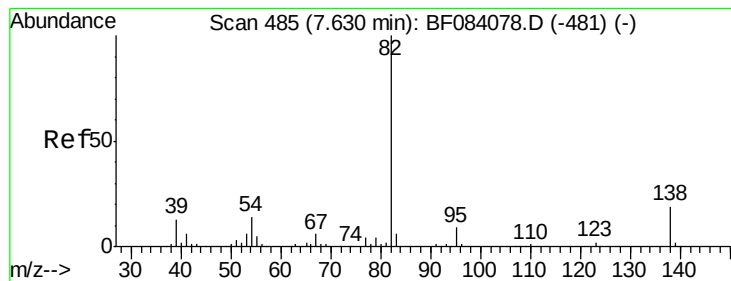
Tgt Ion: 82 Resp: 272710
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.6 51.8
 54 47.0 38.4 57.6



#24
 Nitrobenzene
 Concen: 43.93 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion: 77 Resp: 148893
 Ion Ratio Lower Upper
 77 100
 123 55.4 37.4 56.2
 65 13.7 10.9 16.3





#25

Isophorone

Concen: 45.01 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

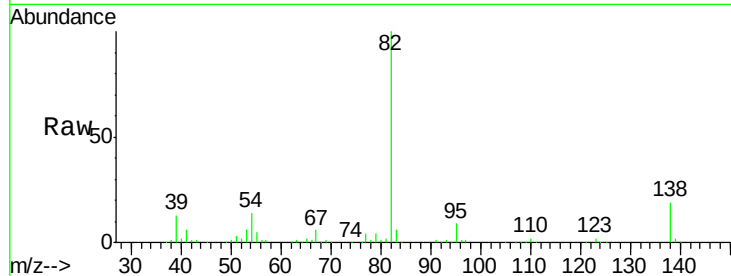
Tgt Ion: 82 Resp: 265814

Ion Ratio Lower Upper

82 100

95 8.5 6.6 10.0

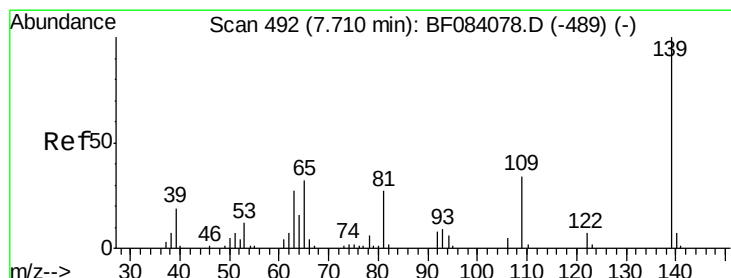
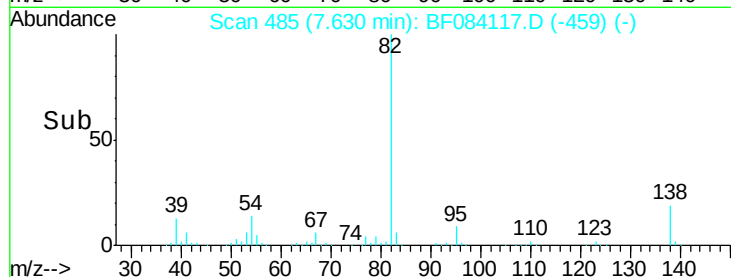
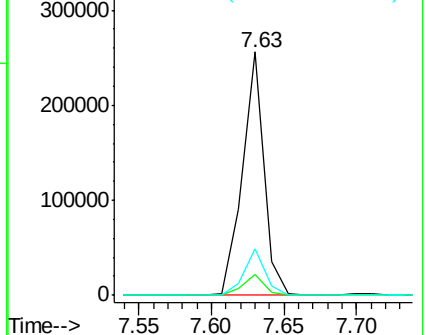
138 19.2 13.6 20.4



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: 43.20 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

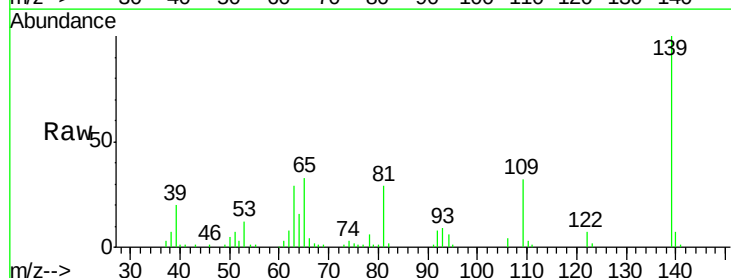
Tgt Ion: 139 Resp: 74939

Ion Ratio Lower Upper

139 100

109 31.9 25.4 38.2

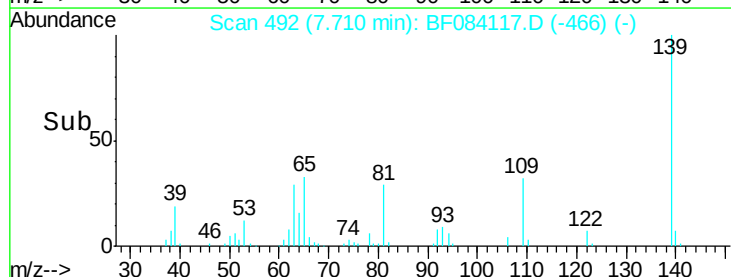
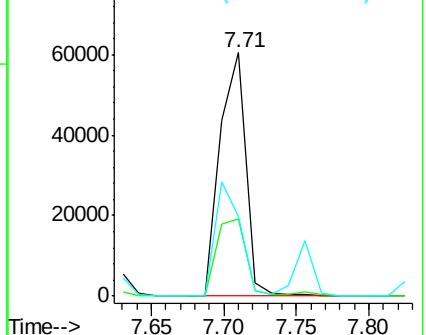
65 32.9 32.3 48.5

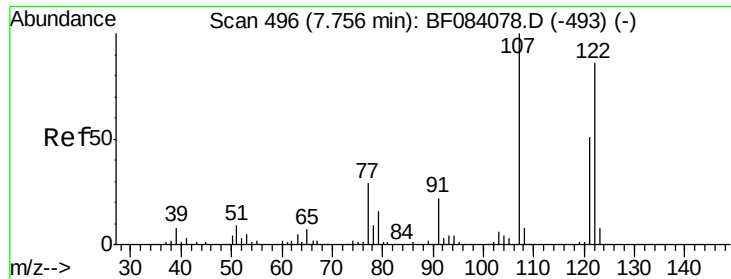


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

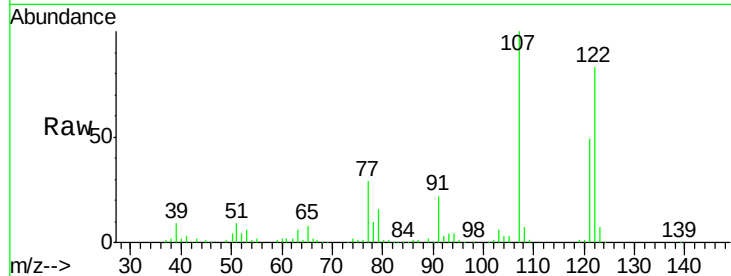




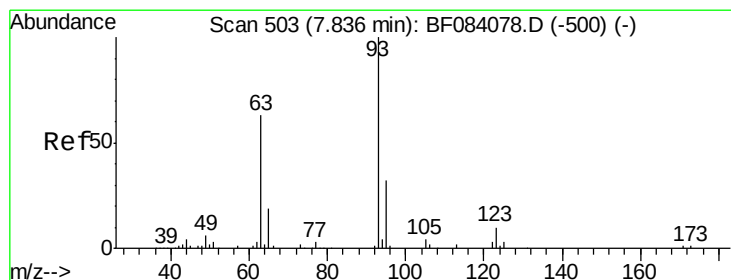
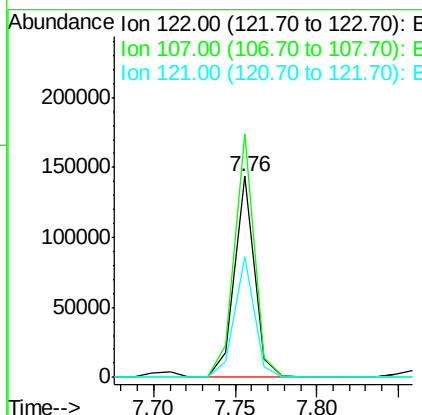
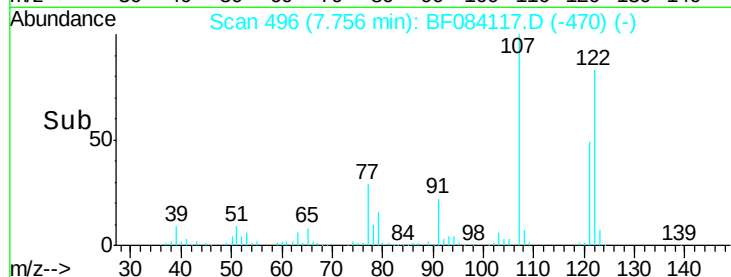
#27
 2,4-Dimethylphenol
 Concen: 42.04 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tgt Ion:122 Resp: 121044
 Ion Ratio Lower Upper
 122 100
 107 121.0 99.1 148.7
 121 59.8 47.9 71.9

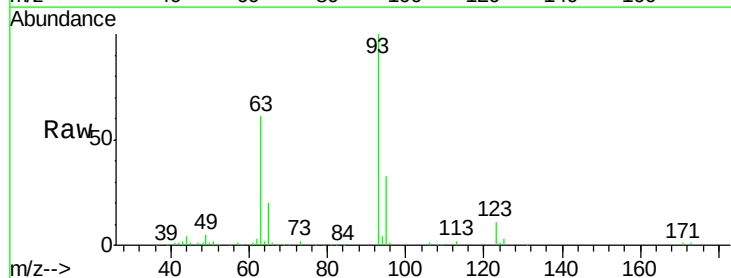


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

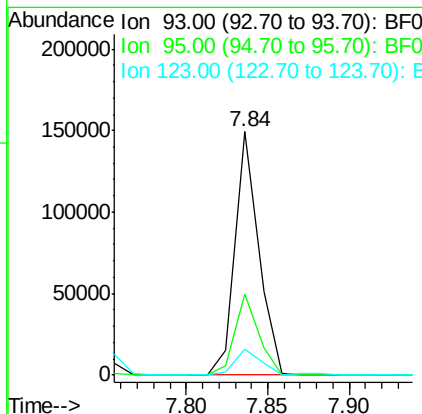
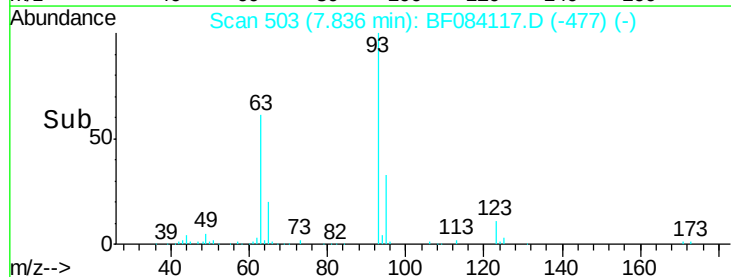


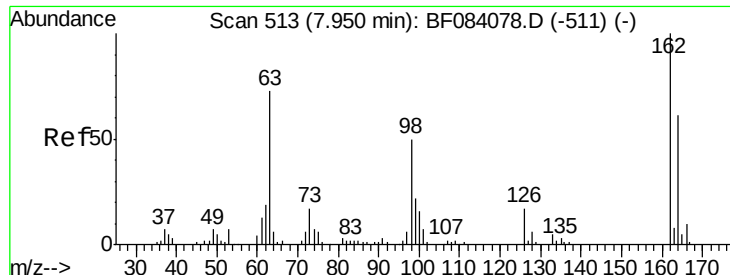
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.19 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion: 93 Resp: 148679
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.8 38.6
 123 10.6 8.6 12.8



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

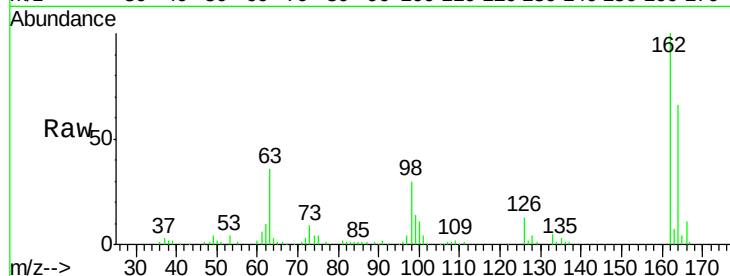




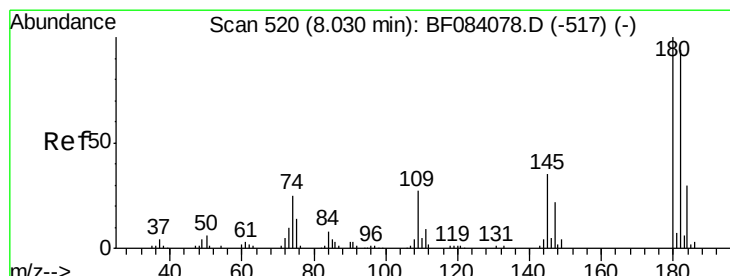
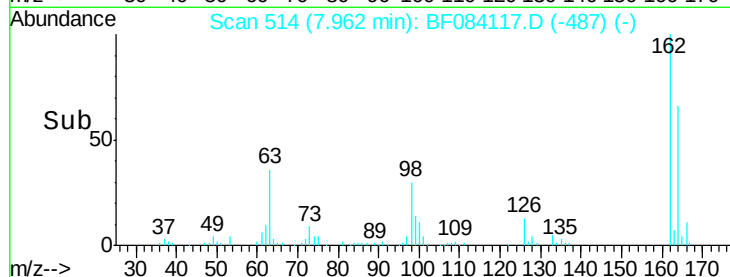
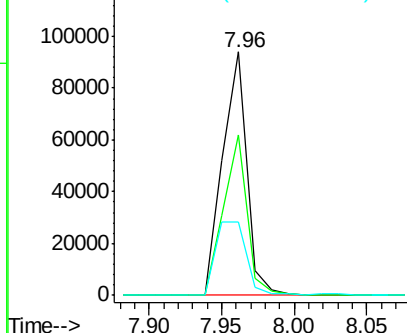
#29
2,4-Dichlorophenol
Concen: 40.76 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.1	84.1
98	29.9	20.2	60.2

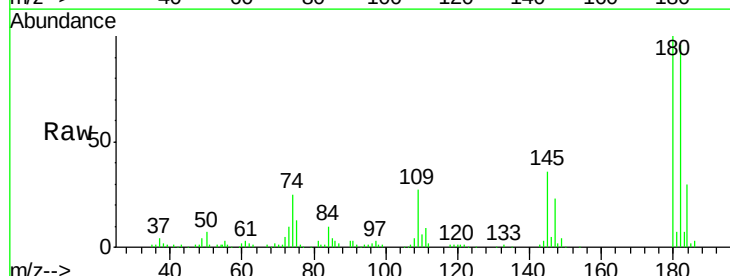


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

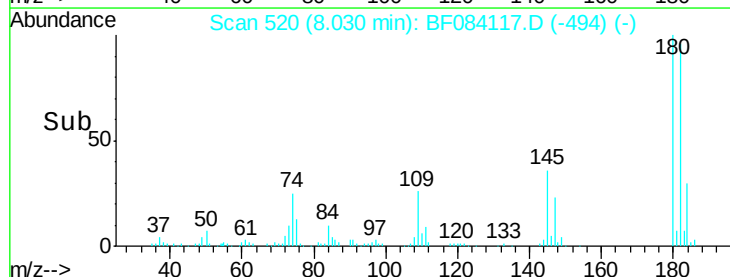
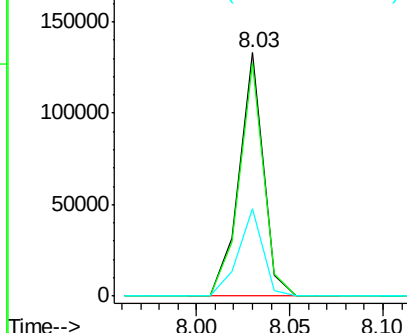


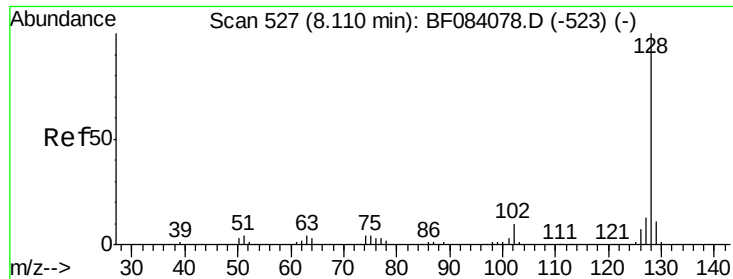
#30
1,2,4-Trichlorobenzene
Concen: 41.43 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	35.8	31.6	47.4



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

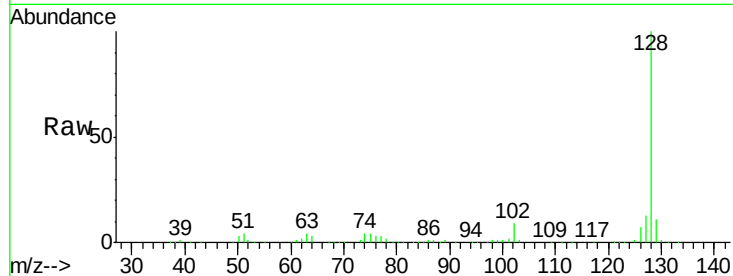




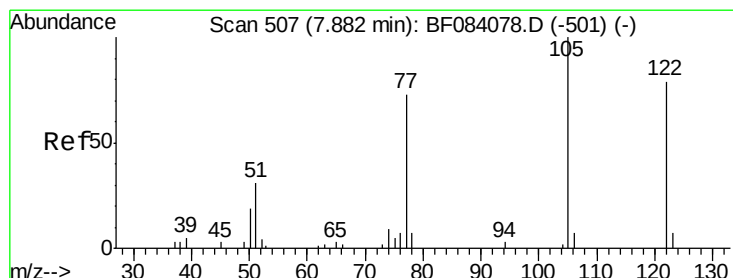
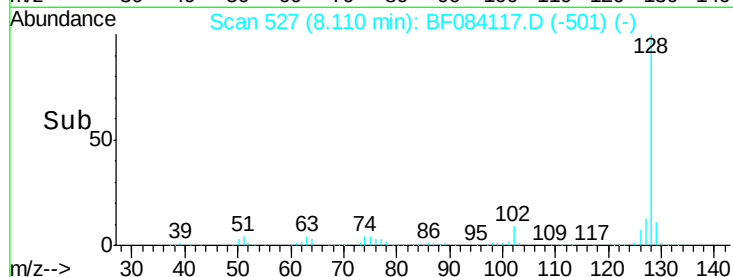
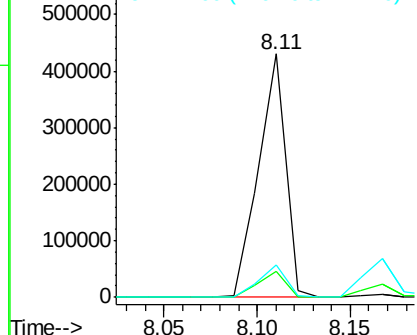
#31
Naphthalene
Concen: 43.70 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tgt Ion:128 Resp: 434451
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.4 11.1 16.7

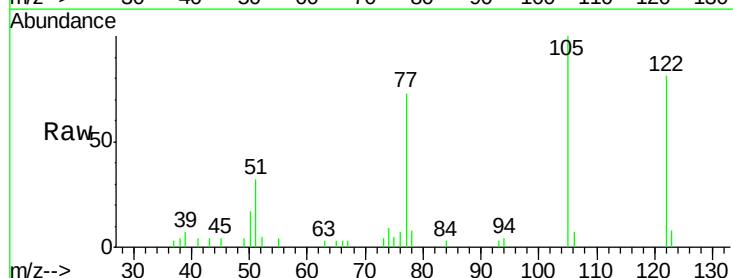


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

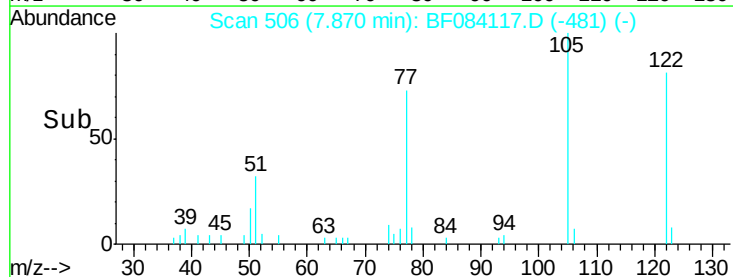
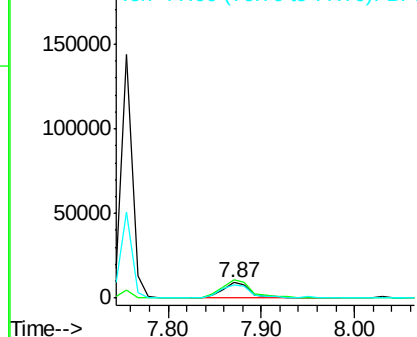


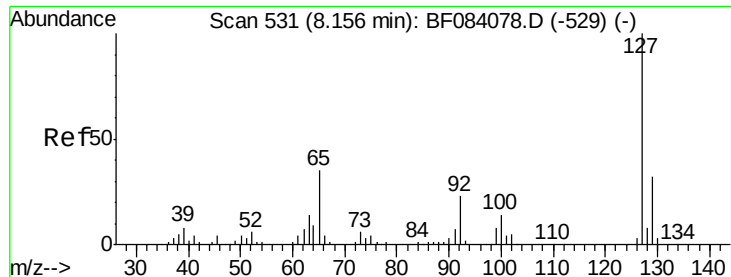
#32
Benzoic acid
Concen: 14.77 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion:122 Resp: 20393
Ion Ratio Lower Upper
122 100
105 123.2 100.3 140.3
77 90.0 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

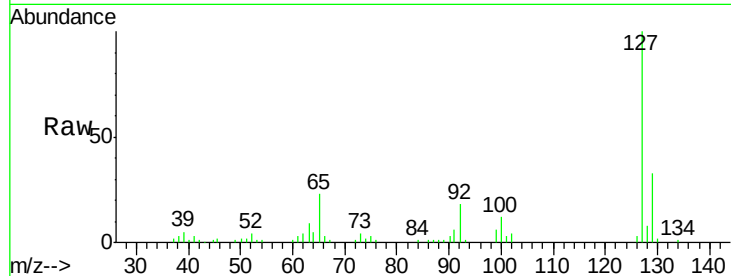




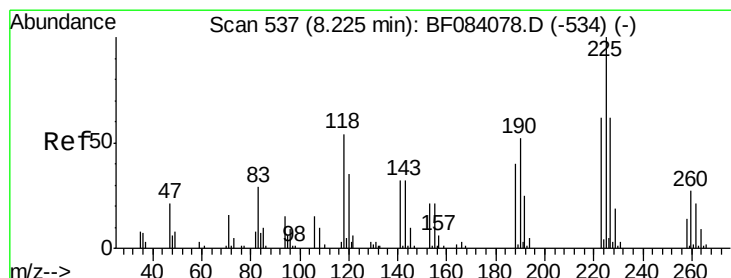
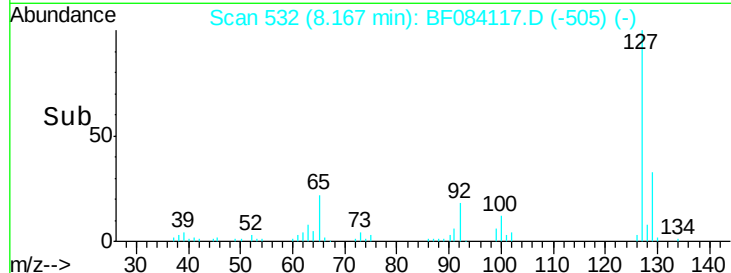
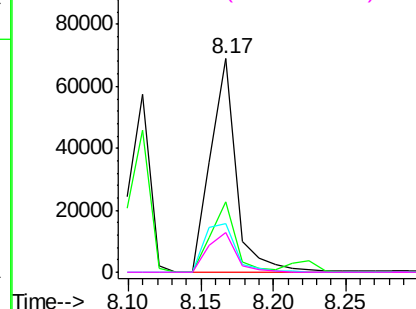
#33
4-Chloroaniline
Concen: 21.55 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tgt Ion:	127	Resp:	85249
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	22.8	27.2	40.8#
92	18.3	17.7	26.5

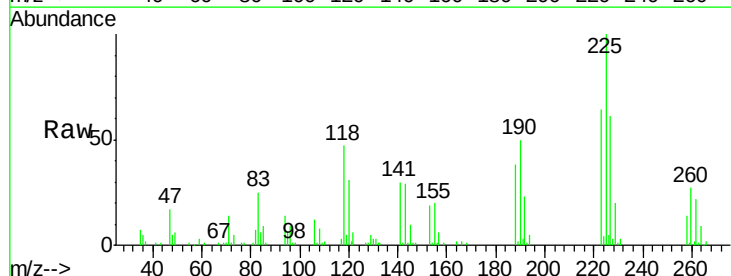


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

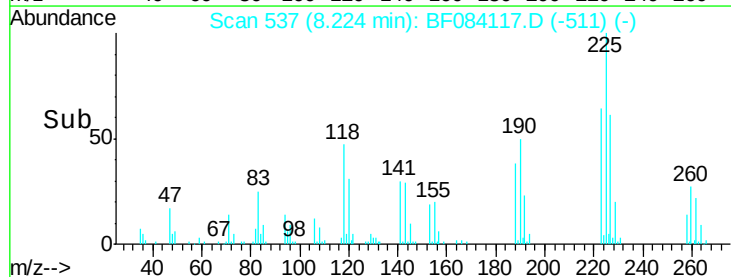
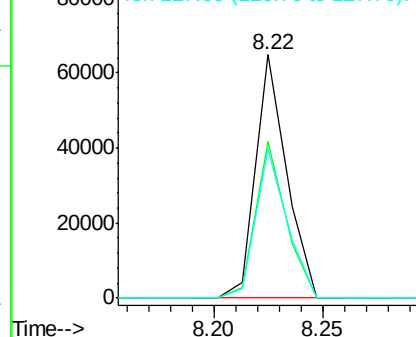


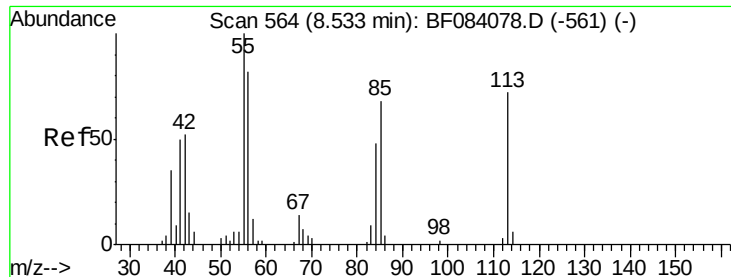
#34
Hexachlorobutadiene
Concen: 38.32 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion:	225	Resp:	64040
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.4	74.0
227	61.2	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

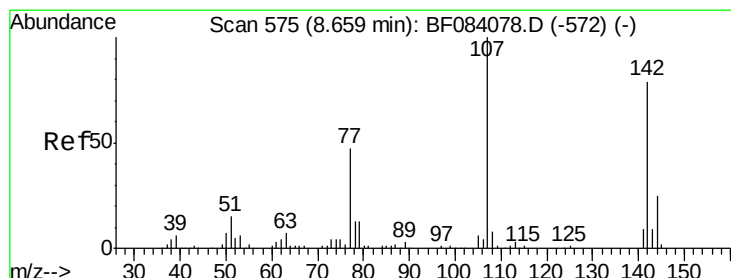
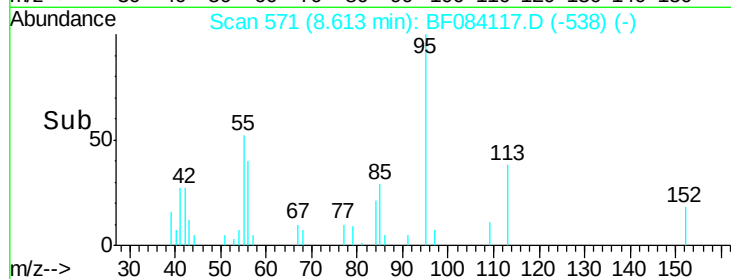
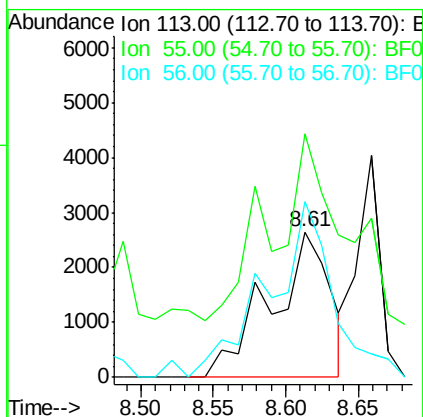
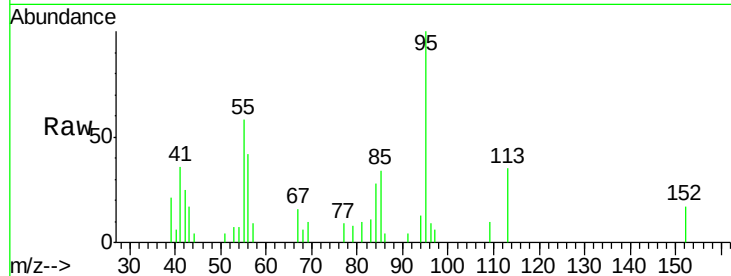




#35
 Caprolactam
 Concen: 10.11 ng
 RT: 8.61 min Scan# 571
 Delta R.T. 0.08 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

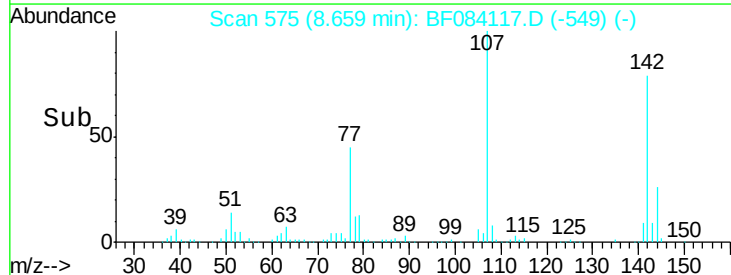
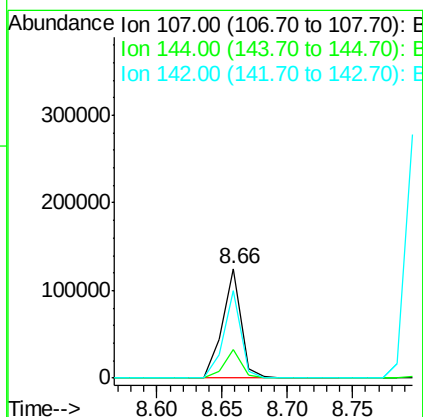
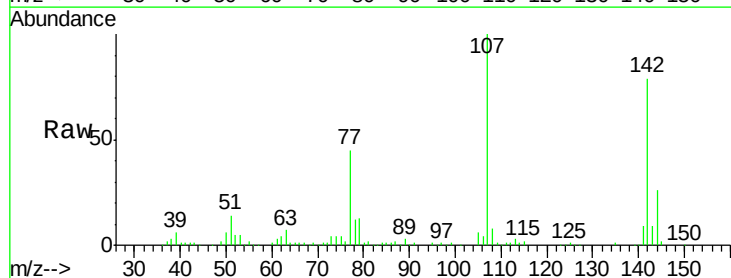
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

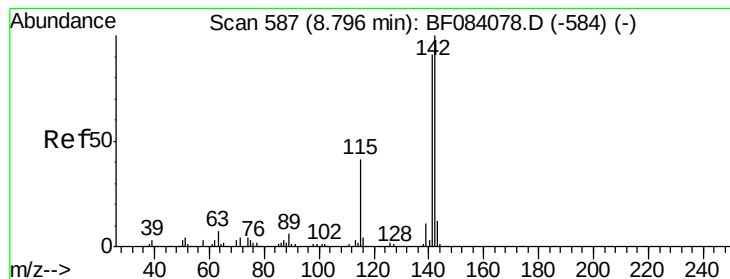
Tgt Ion:113 Resp: 7496
 Ion Ratio Lower Upper
 113 100
 55 167.8 116.9 156.9#
 56 120.9 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.13 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion:107 Resp: 126678
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.7 29.5
 142 79.4 61.8 92.6





#37

2-Methylnaphthalene

Concen: 43.60 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.10 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

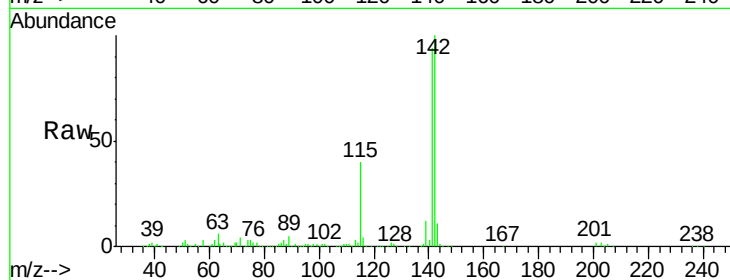
Tgt Ion:142 Resp: 271347

Ion Ratio Lower Upper

142 100

141 94.0 72.4 108.6

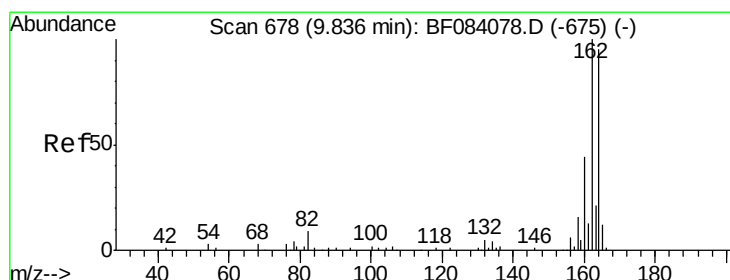
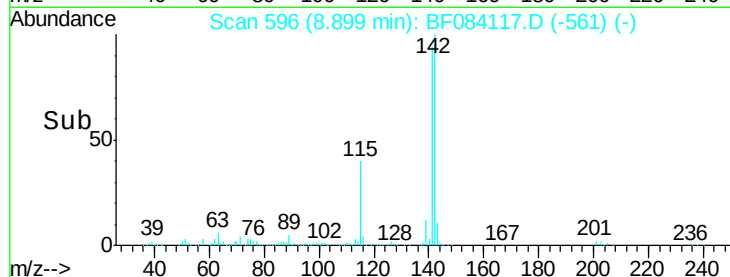
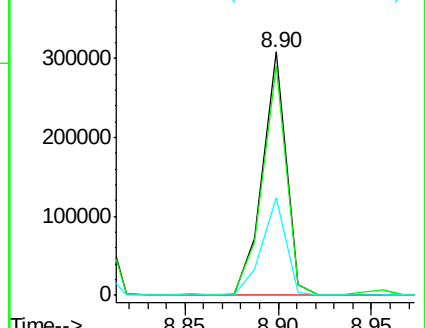
115 40.1 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

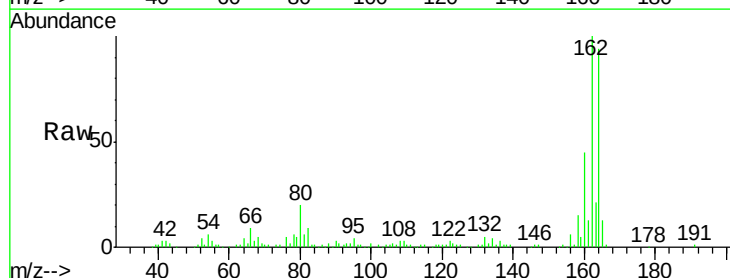
Tgt Ion:164 Resp: 84480

Ion Ratio Lower Upper

164 100

162 106.5 85.1 127.7

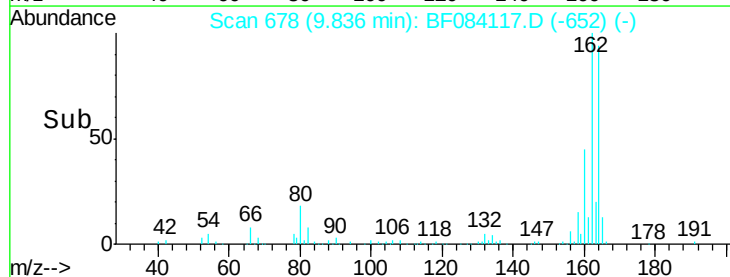
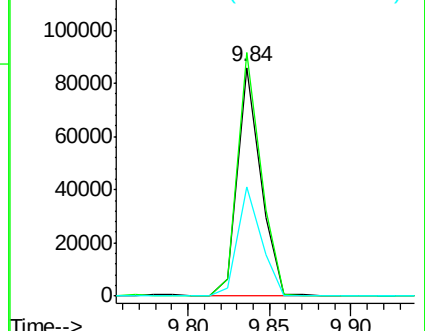
160 47.9 37.5 56.3

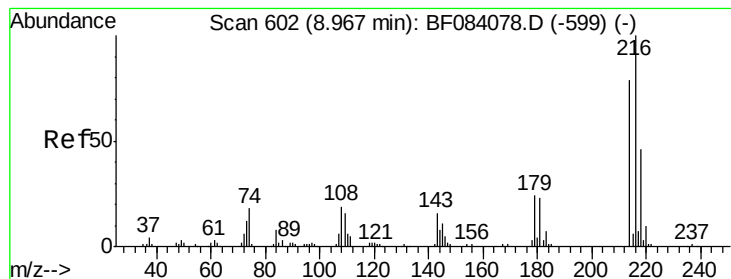


Abundance Ion 164.00 (163.70 to 164.70): E

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: 46.47 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

Tgt Ion:216 Resp: 123754

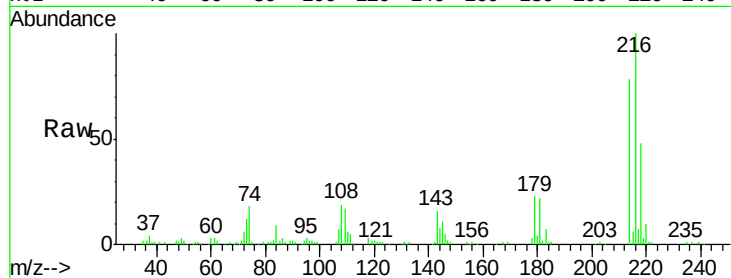
Ion Ratio Lower Upper

216 100

214 78.5 64.2 96.2

179 23.7 18.7 28.1

108 22.6 16.8 25.2

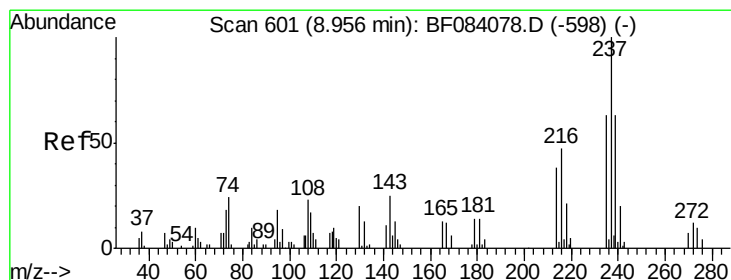
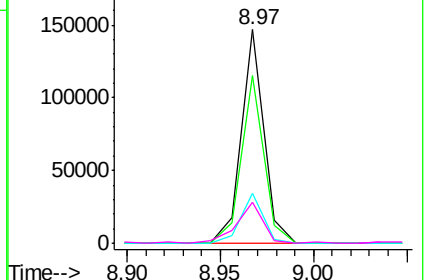
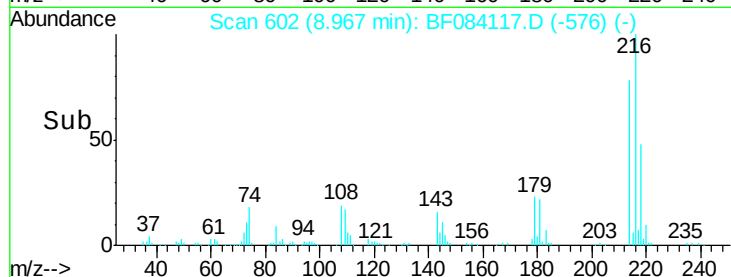


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.72 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

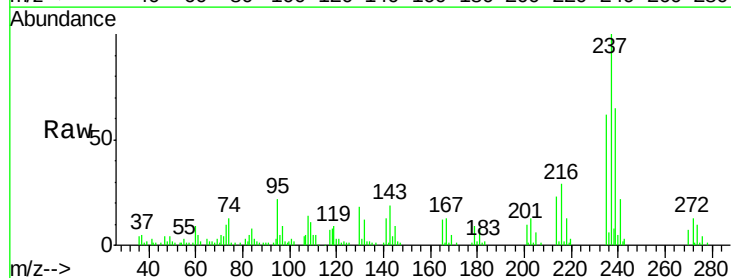
Tgt Ion:237 Resp: 50189

Ion Ratio Lower Upper

237 100

235 62.5 43.1 83.1

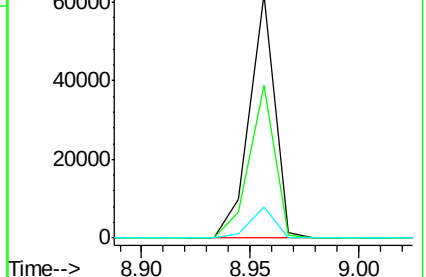
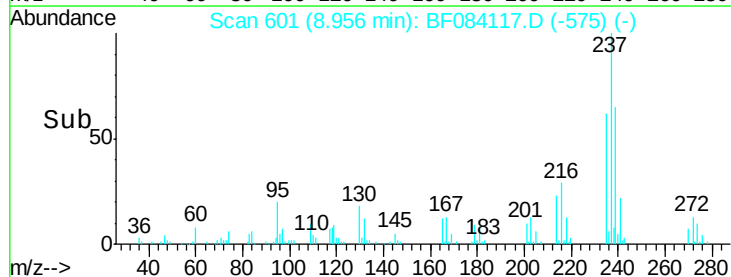
272 12.6 0.0 35.1

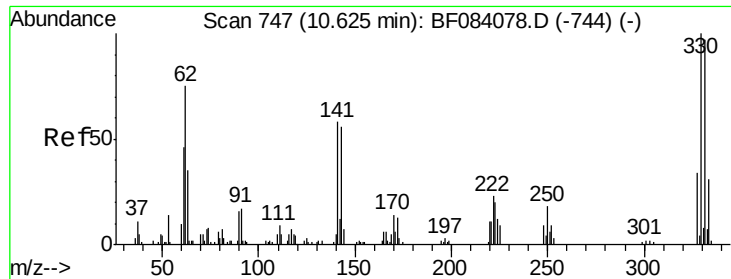


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

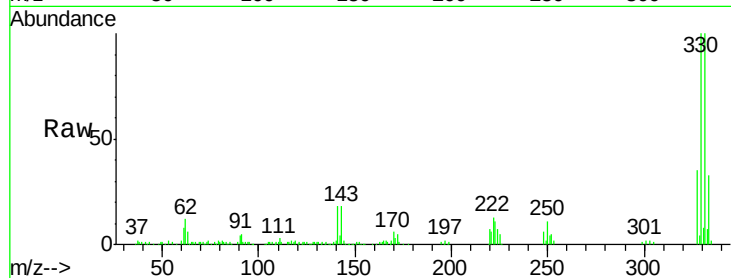




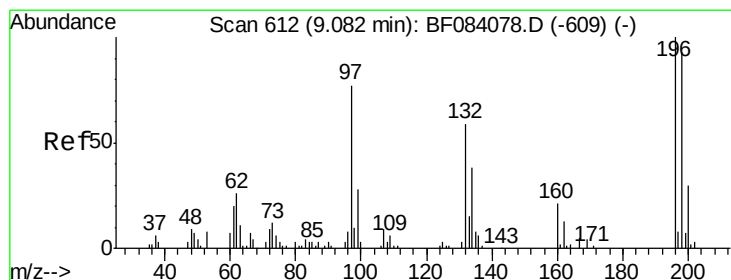
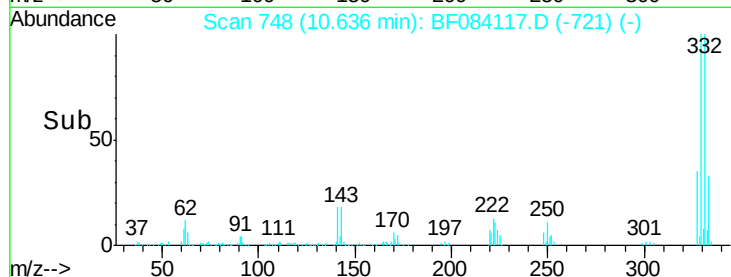
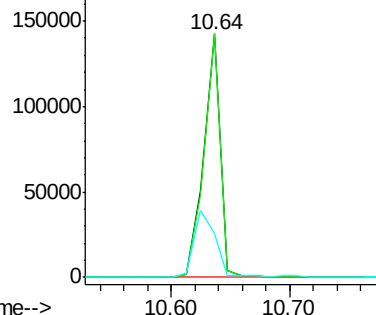
#41
 2,4,6-Tribromophenol
 Concen: 153.47 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tgt Ion:330 Resp: 138260
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 114.8
 141 35.2 27.8 41.6

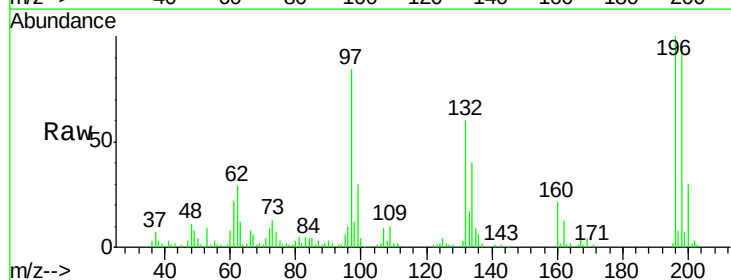


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

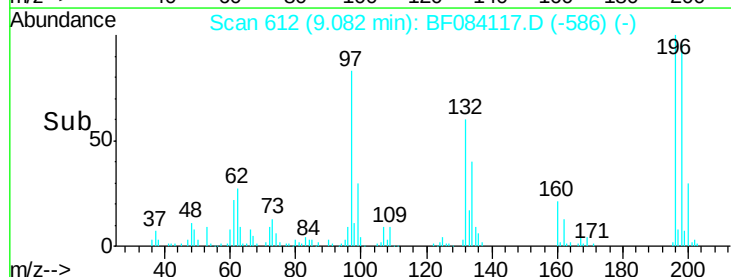
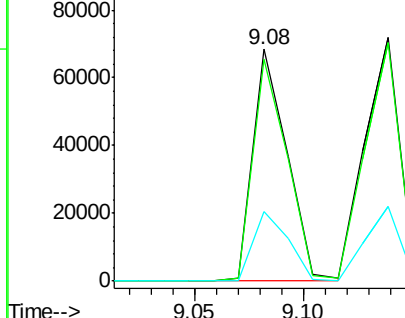


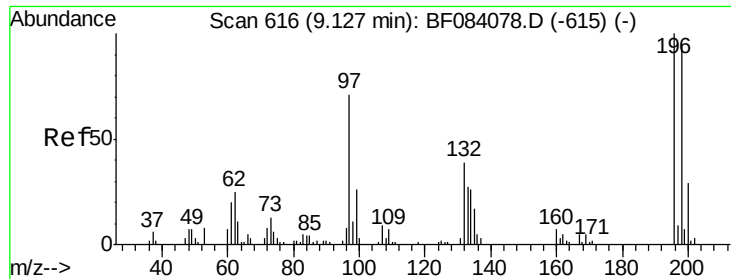
#42
 2,4,6-Trichlorophenol
 Concen: 42.97 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion:196 Resp: 74612
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.7 116.5
 200 30.1 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

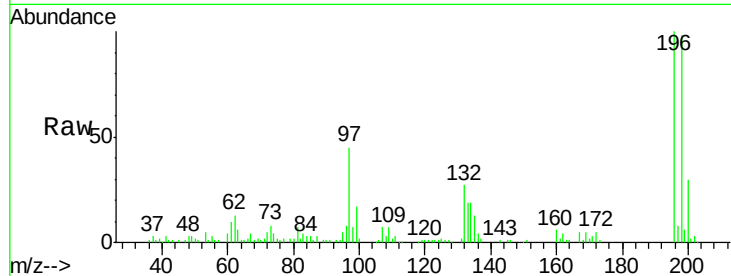




#43
 2,4,5-Trichlorophenol
 Concen: 47.36 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tgt Ion	Resp	Lower	Upper
196	82312		
198	97.8	79.0	118.6
97	45.0	33.0	49.6
132	27.2	21.1	31.7



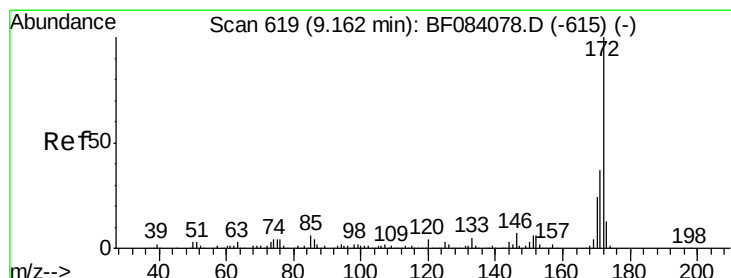
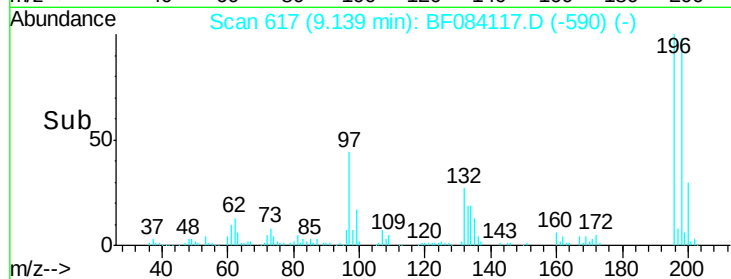
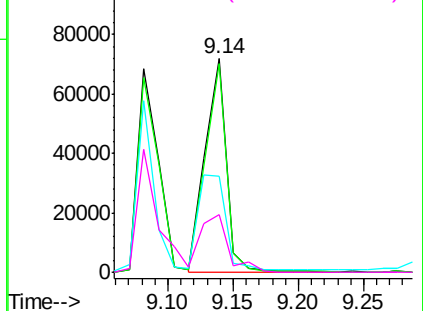
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

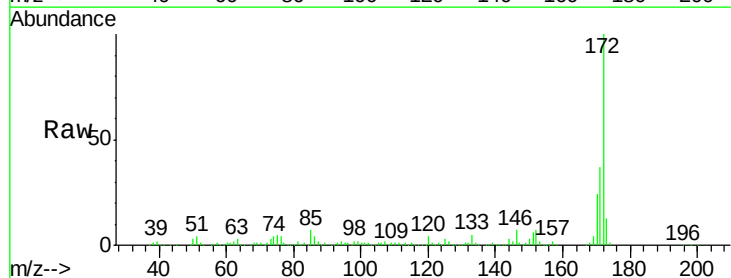
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.56 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion	Resp	Lower	Upper
172	528292		
171	36.5	28.9	43.3
170	24.2	18.6	27.8

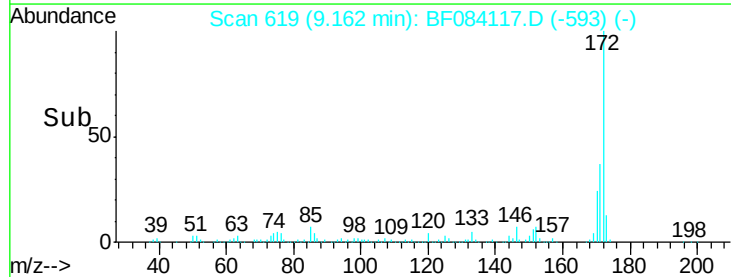
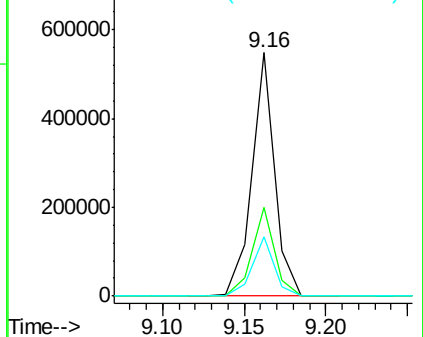


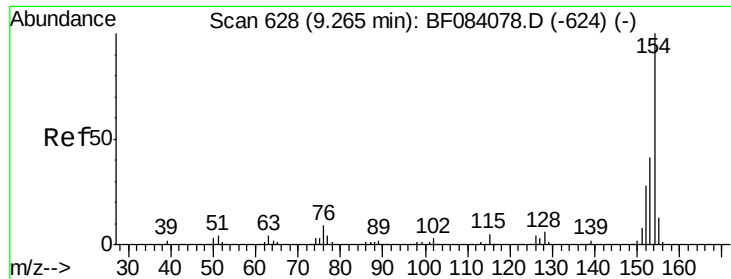
Abundance

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

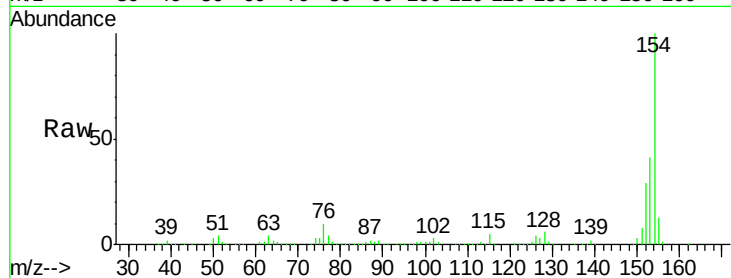




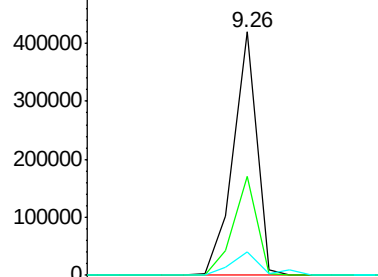
#45
 1,1'-Biphenyl
 Concen: 47.97 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

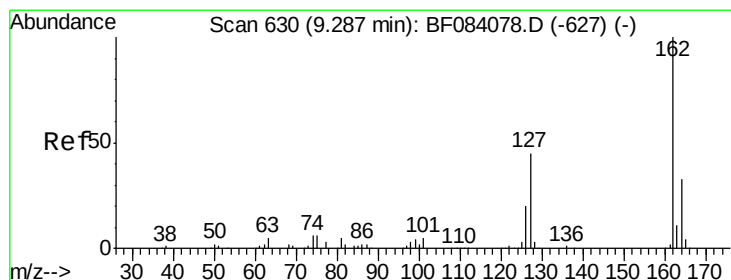
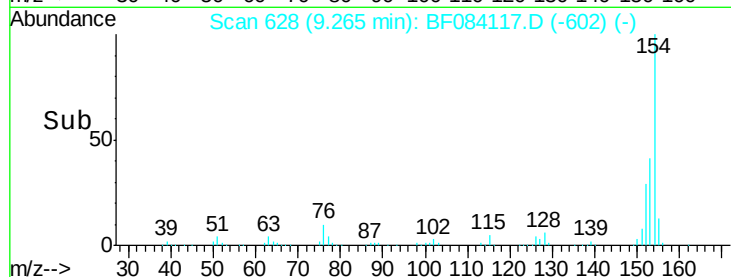
Tgt Ion:154 Resp: 366128
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.6 61.6
 76 9.6 0.0 32.7



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

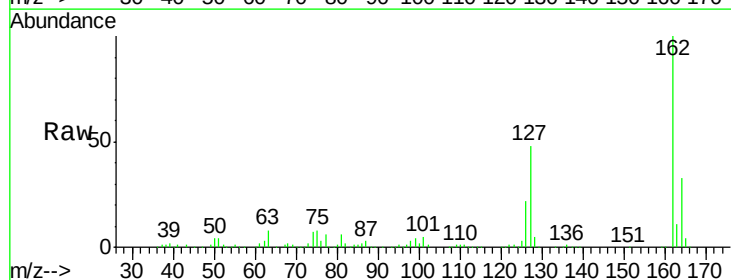


Time-->

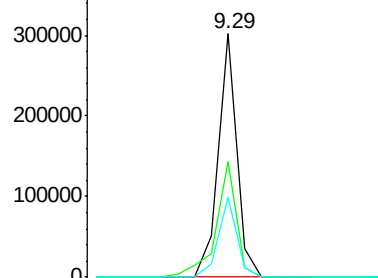


#46
 2-Chloronaphthalene
 Concen: 46.06 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

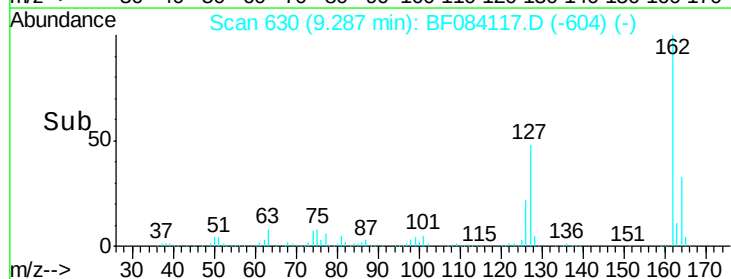
Tgt Ion:162 Resp: 267267
 Ion Ratio Lower Upper
 162 100
 127 47.6 40.2 60.4
 164 32.8 25.7 38.5

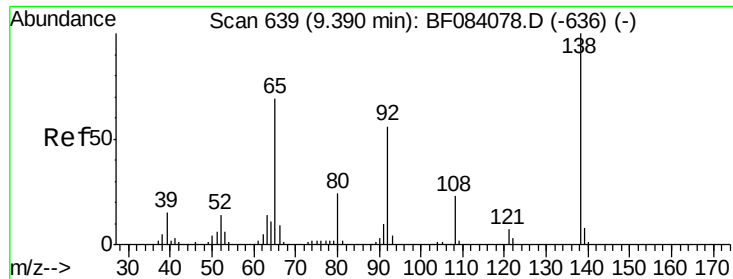


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->

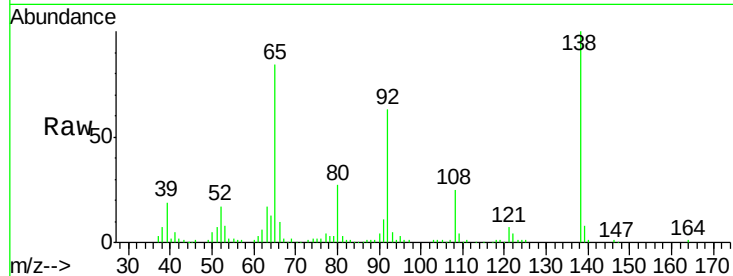




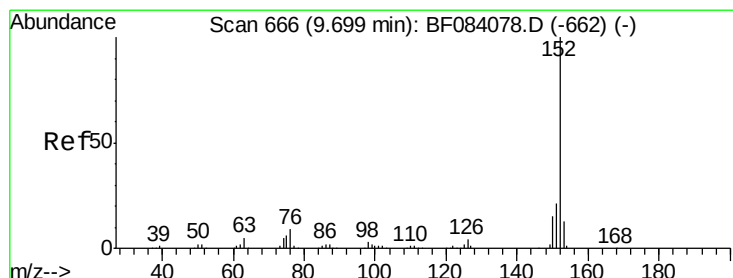
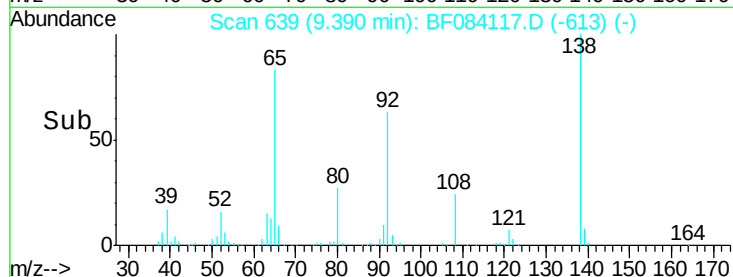
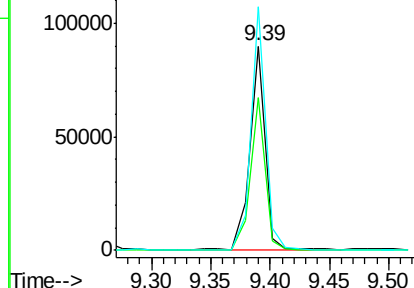
#47
2-Nitroaniline
Concen: 52.48 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tgt Ion: 65 Resp: 80907
Ion Ratio Lower Upper
65 100
92 74.8 53.4 80.2
138 119.3 71.1 106.7#

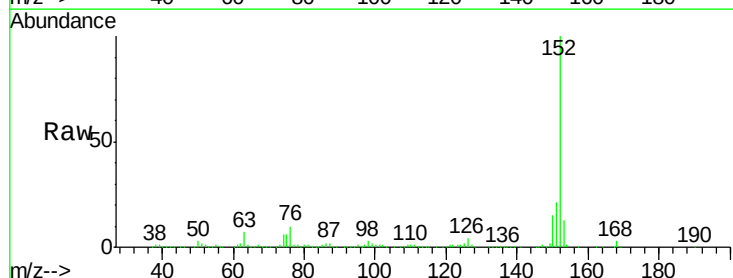


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

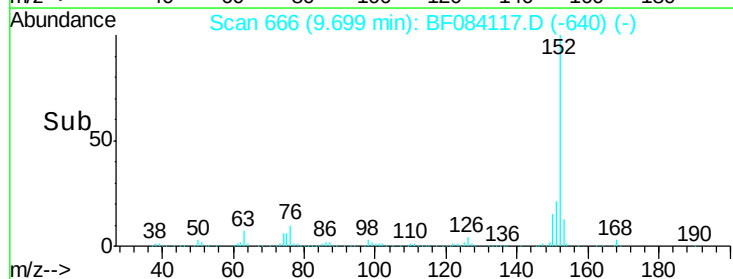
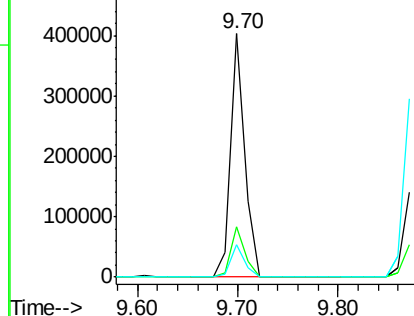


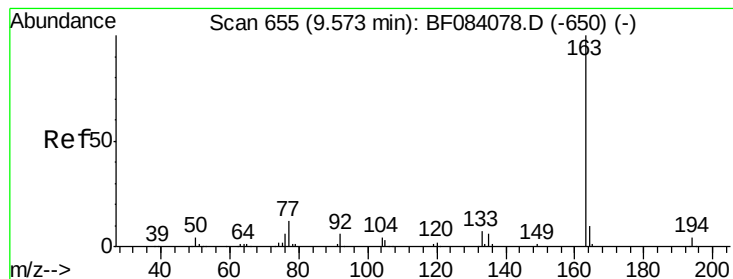
#48
Acenaphthylene
Concen: 41.24 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion: 152 Resp: 393010
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 52.00 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

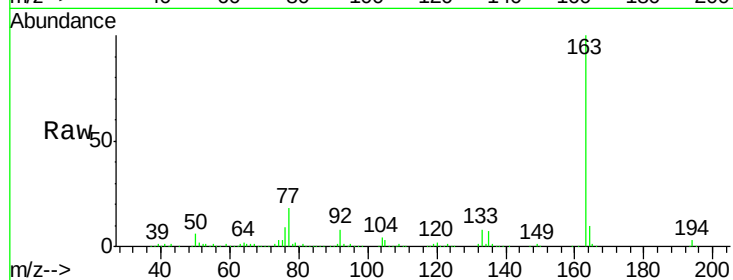
Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

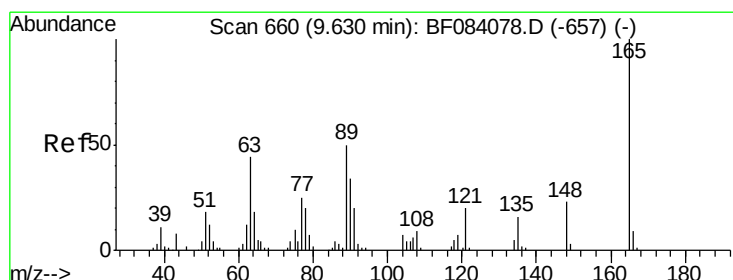
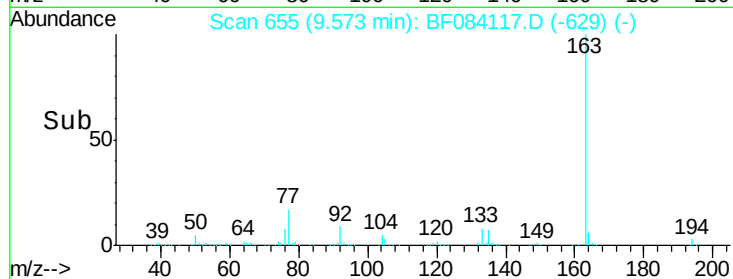
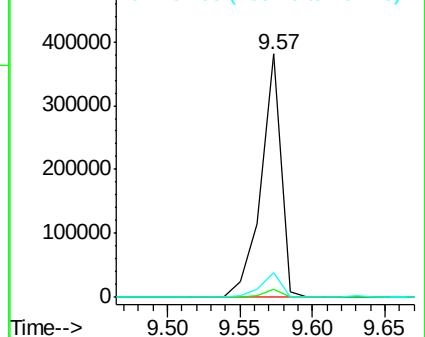
Tgt Ion:	163	Resp:	363817
Ion Ratio	Lower	Upper	
163	100		
194	3.4	8.0	12.0#
164	10.2	8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.11 ng

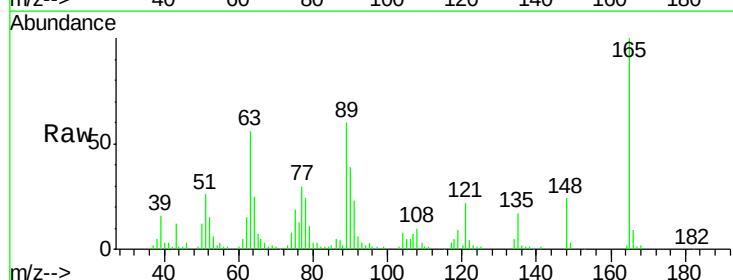
RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

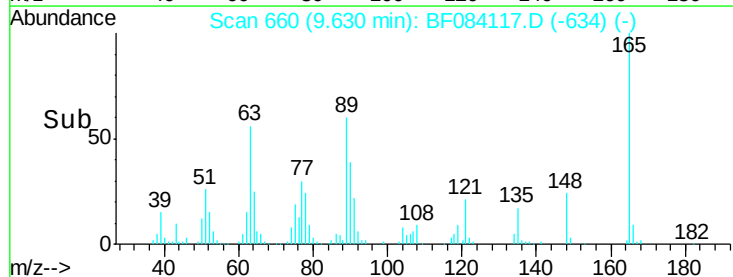
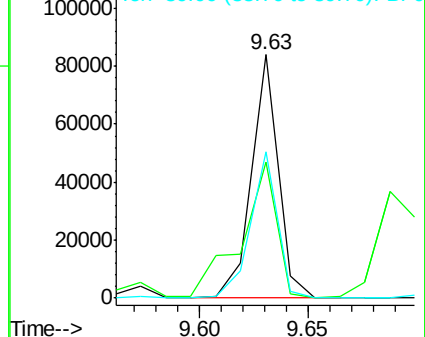
Tgt Ion:	165	Resp:	71451
Ion Ratio	Lower	Upper	
165	100		
63	56.1	28.8	43.2#
89	60.2	35.1	52.7#

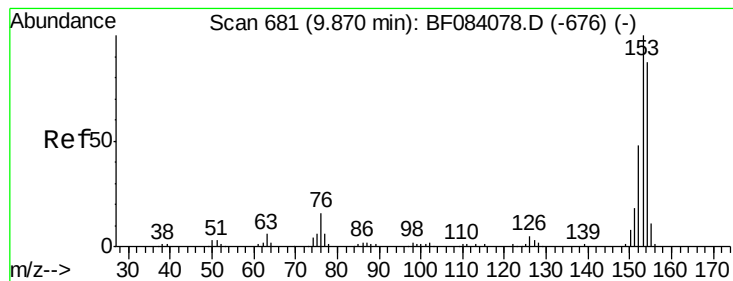


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.52 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

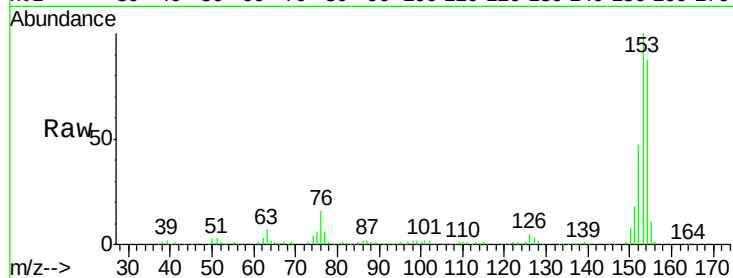
Tgt Ion:154 Resp: 235624

Ion Ratio Lower Upper

154 100

153 114.8 91.5 137.3

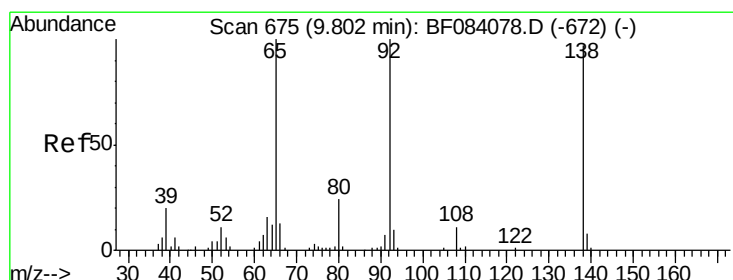
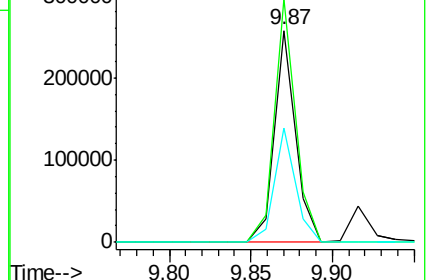
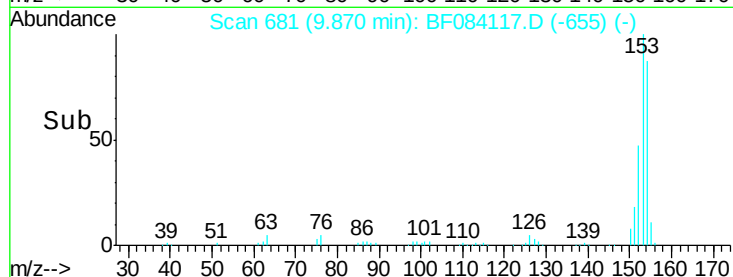
152 54.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.10 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

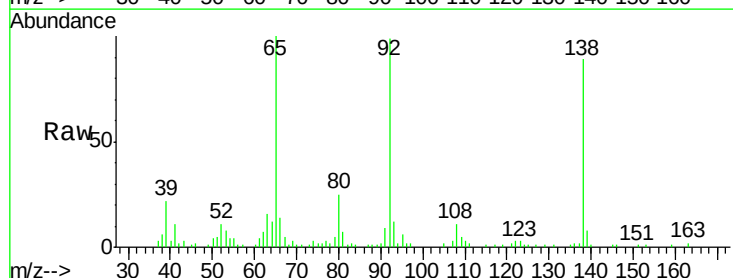
Tgt Ion:138 Resp: 36810

Ion Ratio Lower Upper

138 100

108 12.7 10.5 15.7

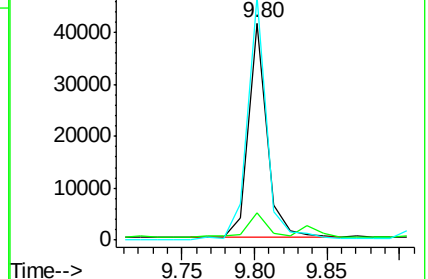
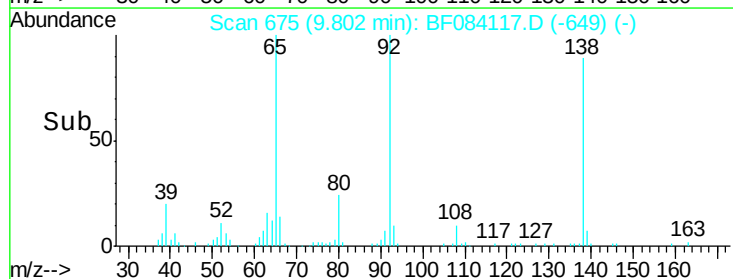
92 112.2 103.9 155.9

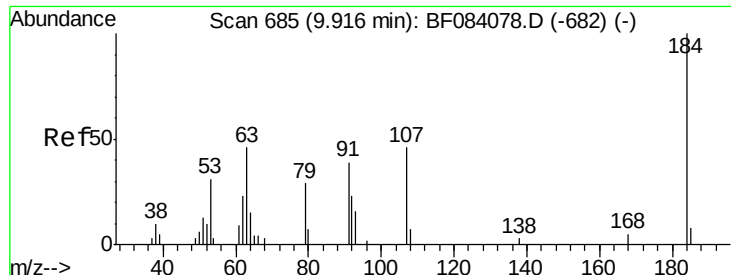


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

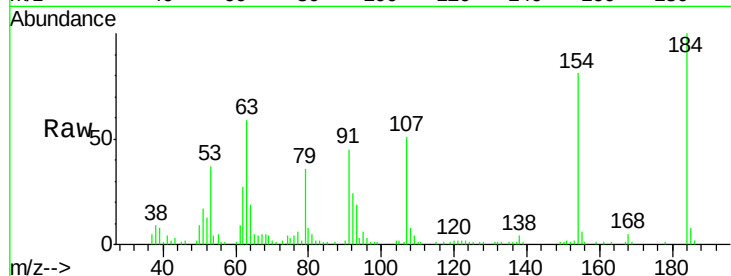




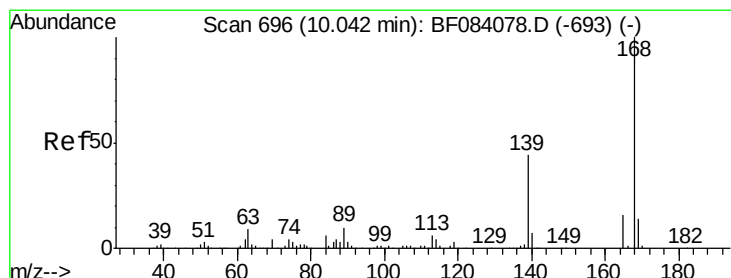
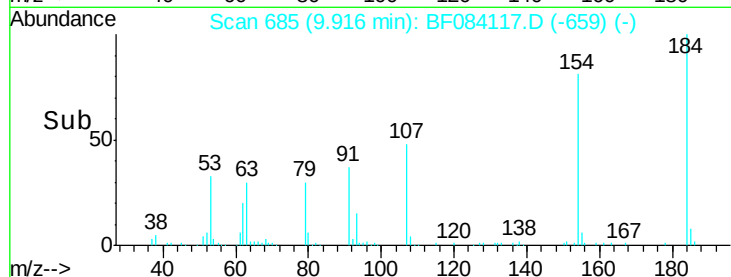
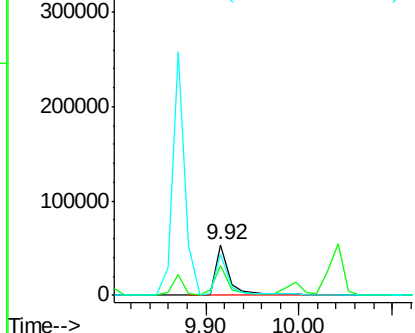
#53
 2,4-Dinitrophenol
 Concen: 92.96 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tgt Ion:184 Resp: 57164
 Ion Ratio Lower Upper
 184 100
 63 58.6 43.1 64.7
 154 81.2 60.5 90.7

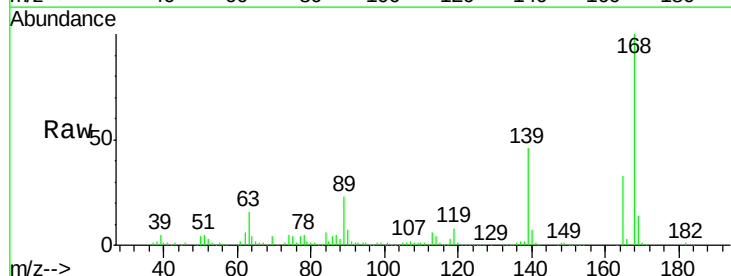


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

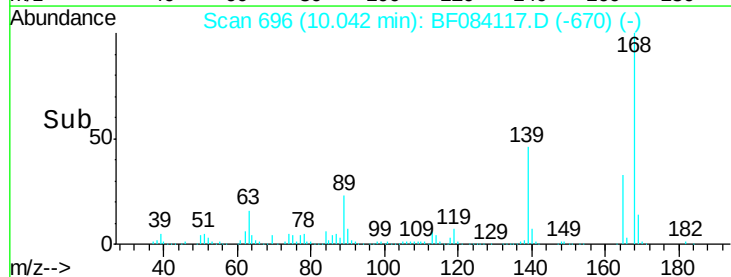
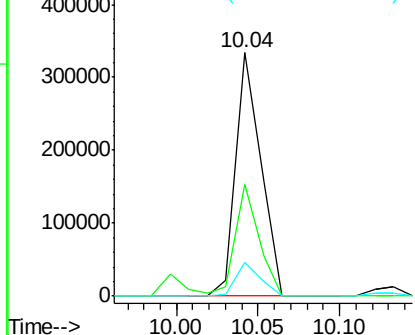


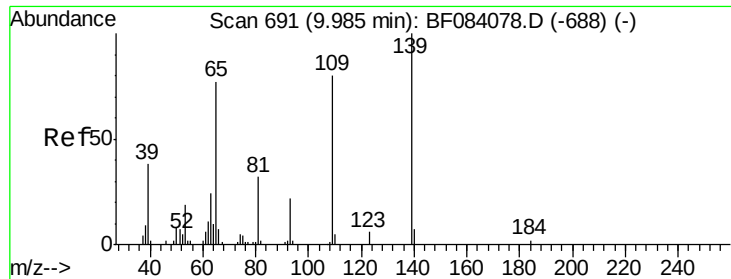
#54
 Dibenzofuran
 Concen: 46.34 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion:168 Resp: 353191
 Ion Ratio Lower Upper
 168 100
 139 46.1 30.5 45.7#
 169 13.9 10.4 15.6



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





#55

4-Nitrophenol

Concen: 37.42 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

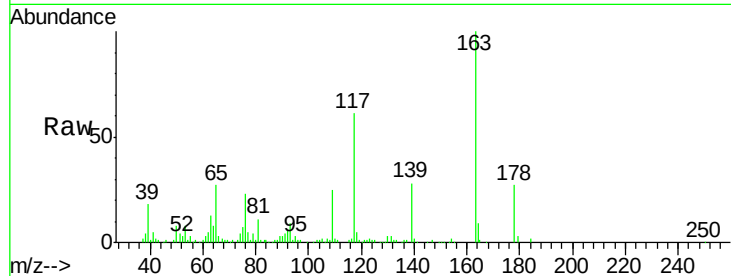
Tgt Ion:139 Resp: 30442

Ion Ratio Lower Upper

139 100

109 91.4 58.5 98.5

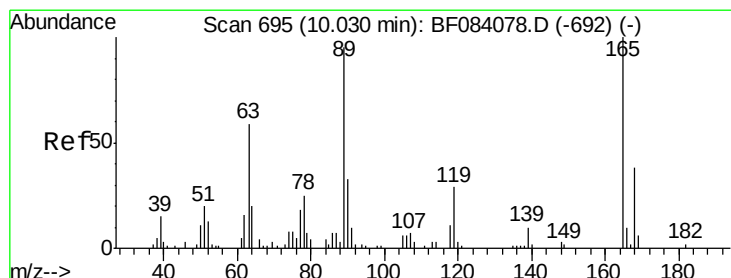
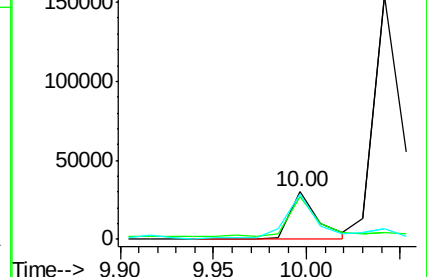
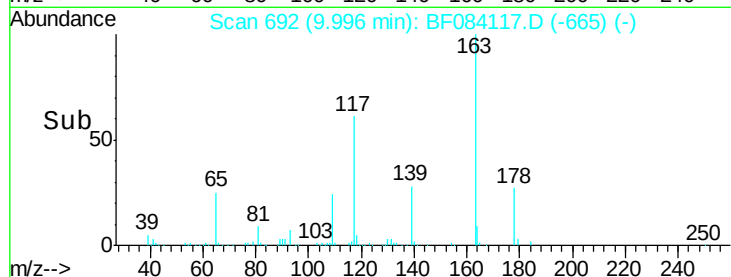
65 95.9 57.6 97.6



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: 51.38 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:165 Resp: 100722

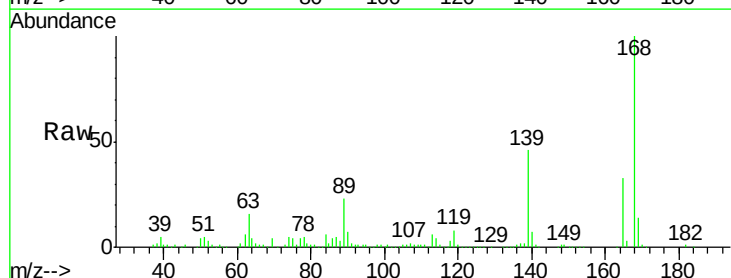
Ion Ratio Lower Upper

165 100

63 49.9 36.7 55.1

89 70.3 61.9 92.9

182 2.6 2.0 3.0

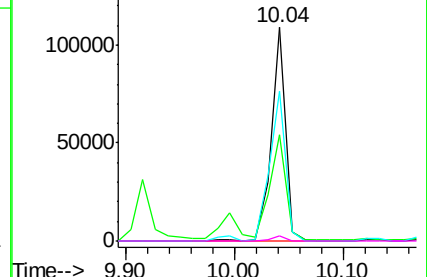
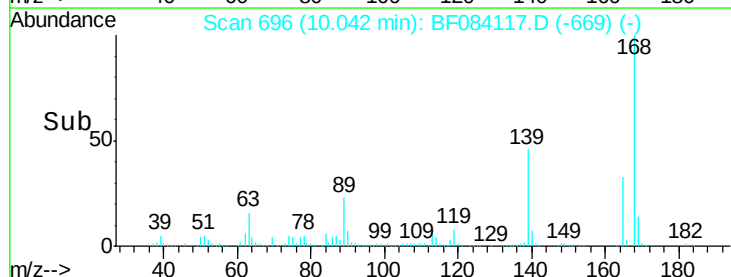


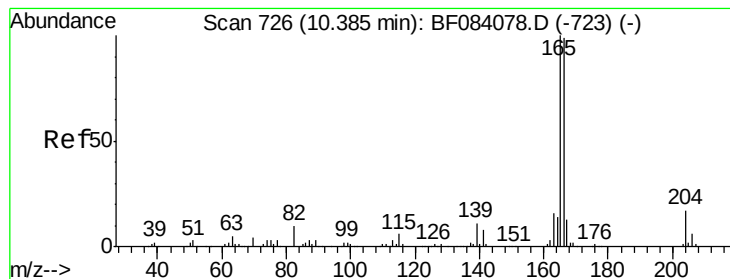
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.34 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

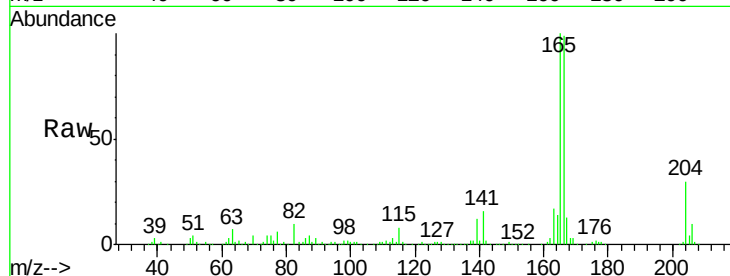
Tgt Ion:166 Resp: 280731

Ion Ratio Lower Upper

166 100

165 101.1 79.1 118.7

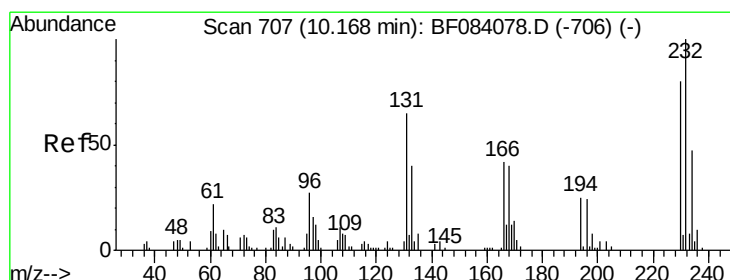
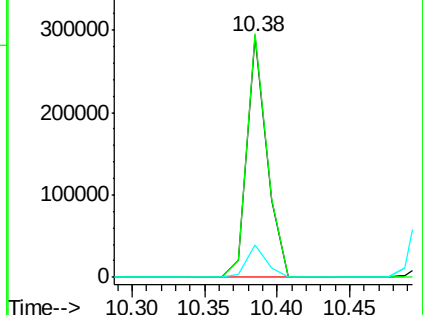
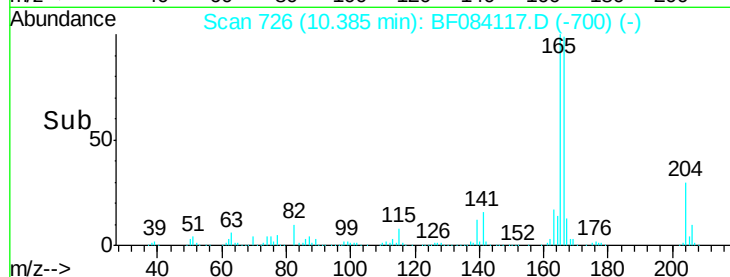
167 13.4 10.4 15.6



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: 52.70 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:232 Resp: 65295

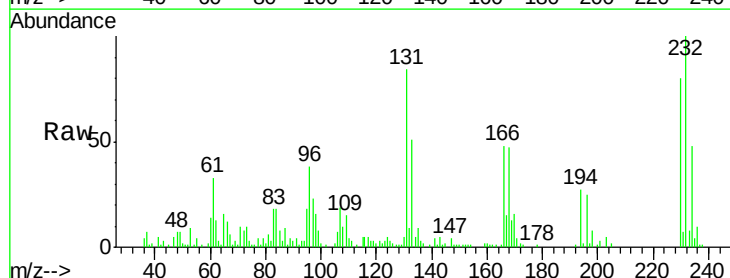
Ion Ratio Lower Upper

232 100

131 58.3 47.0 70.6

130 7.1 2.0 3.0#

166 36.3 30.5 45.7

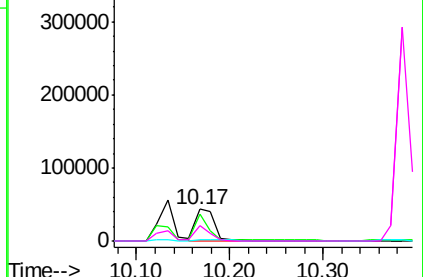
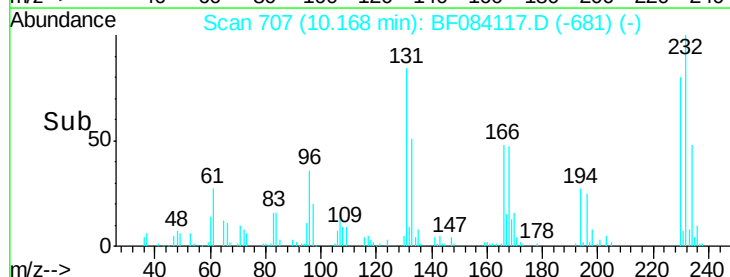


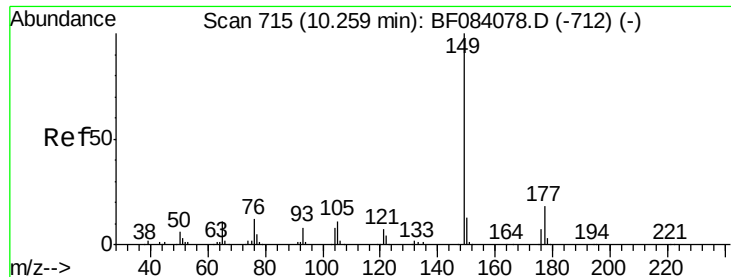
Abundance Ion 232.00 (231.70 to 232.70): E

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

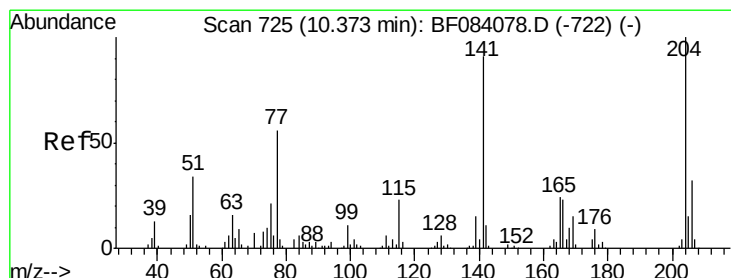
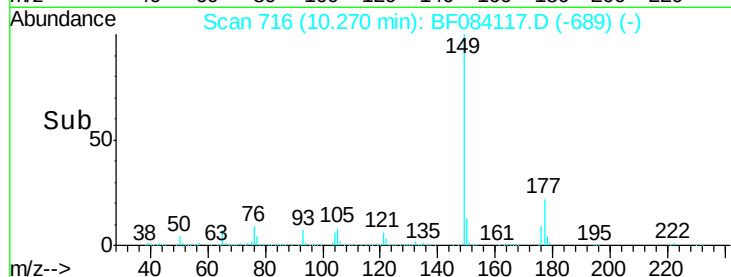
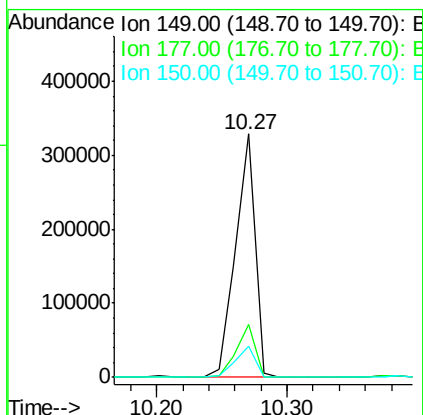
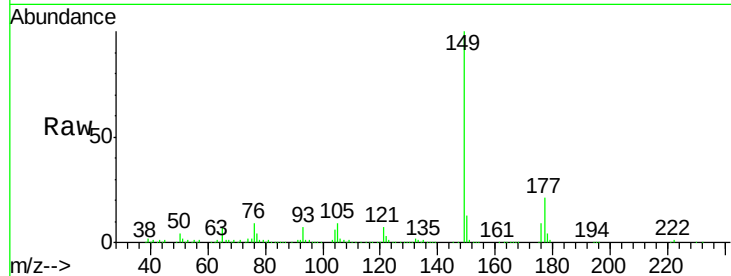




#59
Diethylphthalate
Concen: 47.68 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

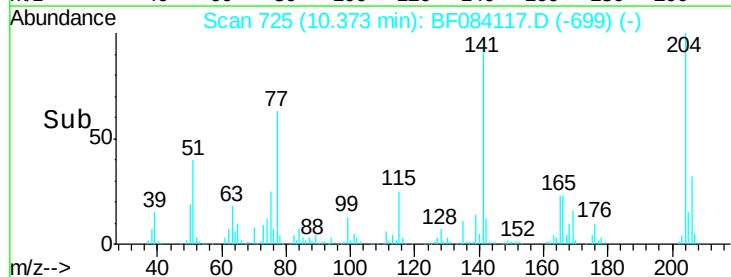
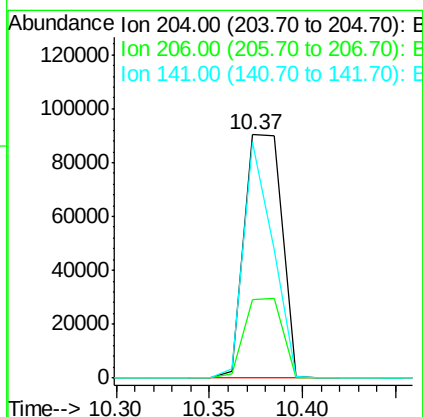
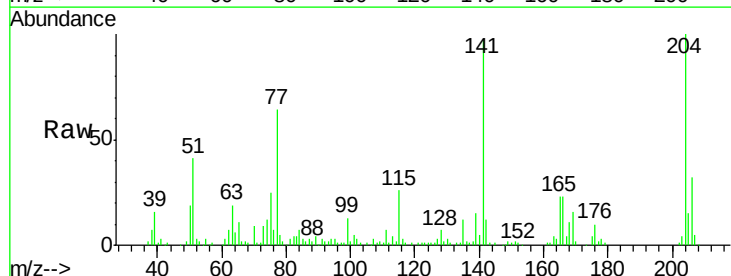
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

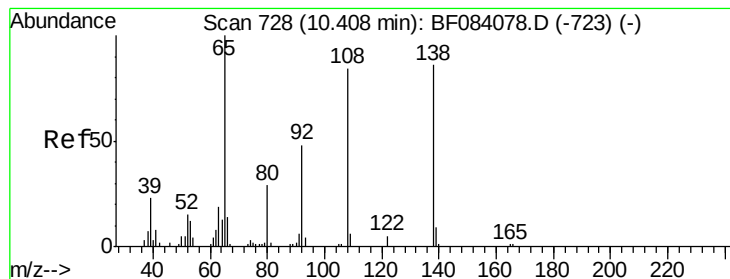
Tgt Ion:149 Resp: 338887
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.7 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 42.18 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion:204 Resp: 126011
Ion Ratio Lower Upper
204 100
206 32.4 25.7 38.5
141 96.9 55.1 82.7#





#61

4-Nitroaniline

Concen: 46.28 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

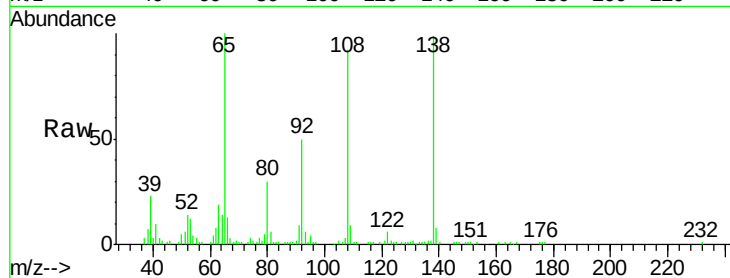
Tgt Ion:138 Resp: 68170

Ion Ratio Lower Upper

138 100

92 50.5 32.6 72.6

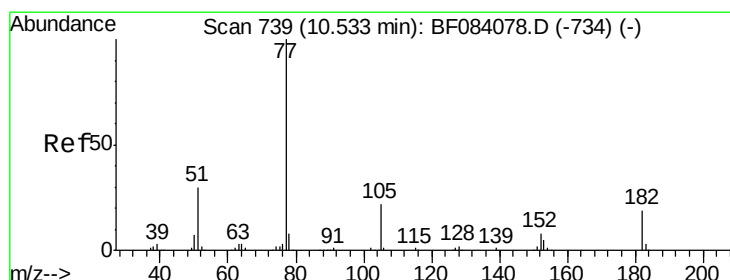
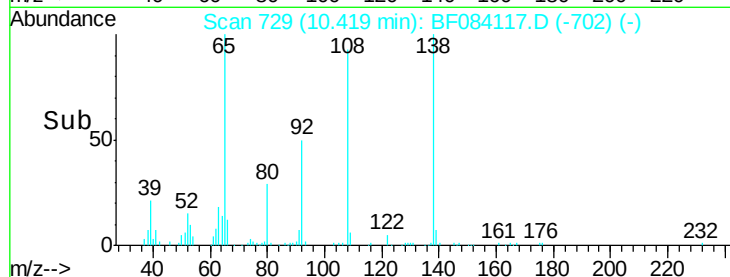
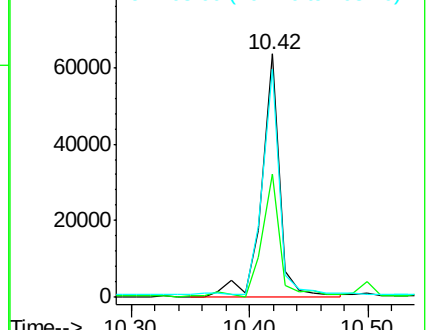
108 93.5 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.53 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion: 77 Resp: 295903

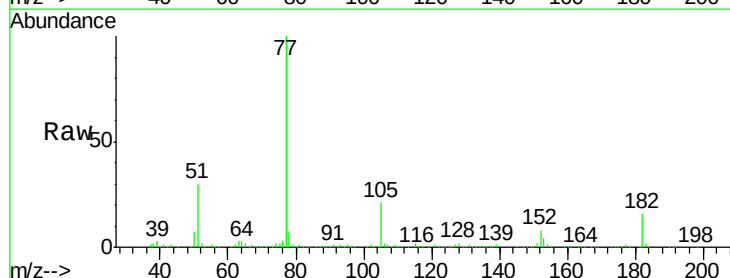
Ion Ratio Lower Upper

77 100

182 16.4 8.3 48.3

105 21.5 4.6 44.6

51 30.1 6.2 46.2

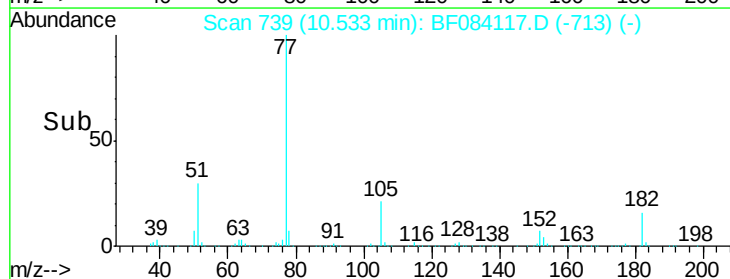
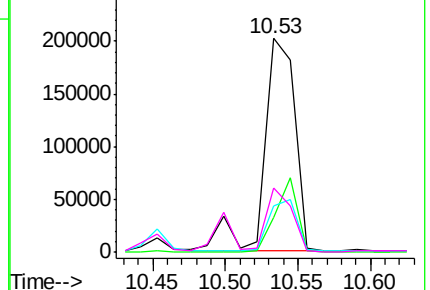


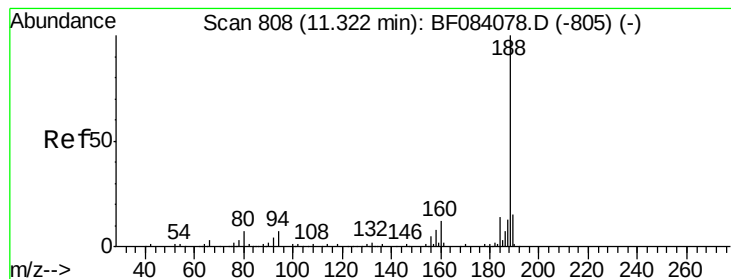
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

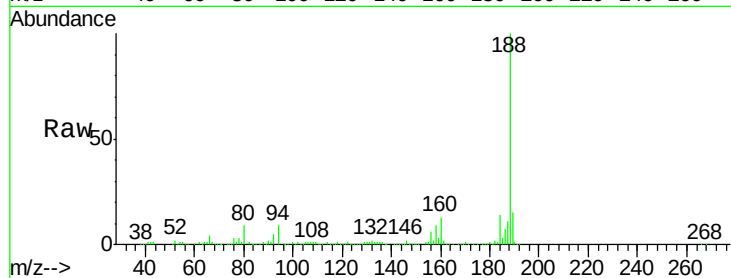
Tgt Ion:188 Resp: 158722

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.4

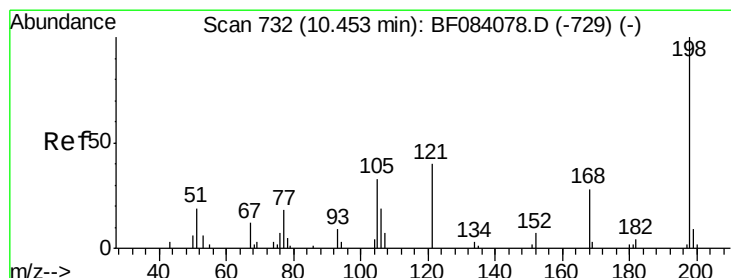
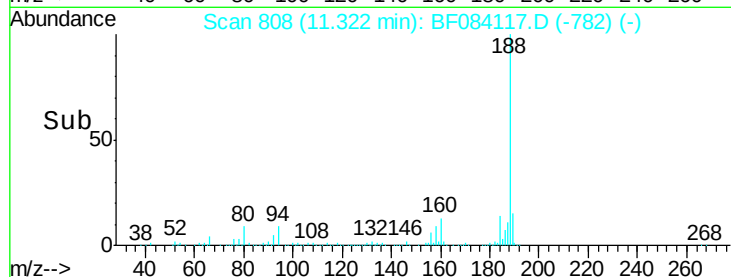
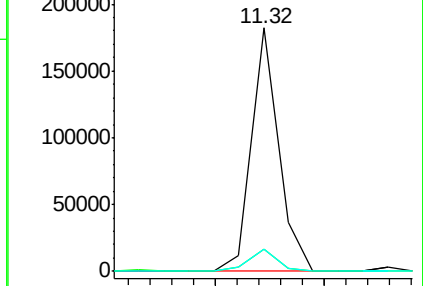
80 9.1 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 52.15 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

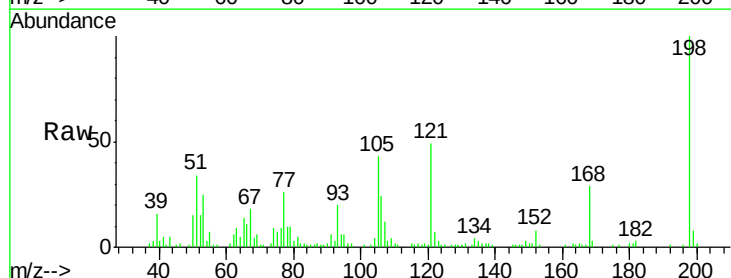
Tgt Ion:198 Resp: 45945

Ion Ratio Lower Upper

198 100

51 33.7 18.9 58.9

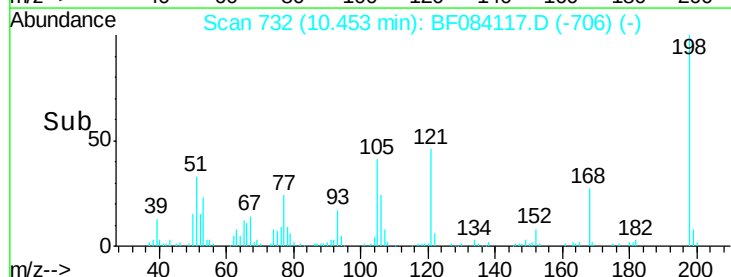
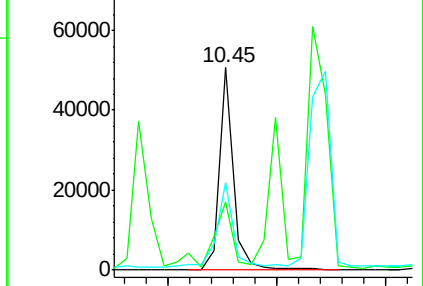
105 43.4 26.4 66.4

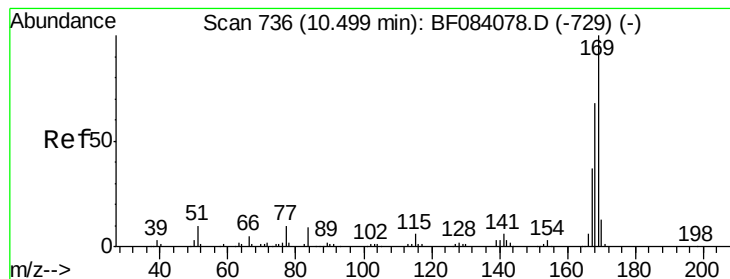


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.12 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

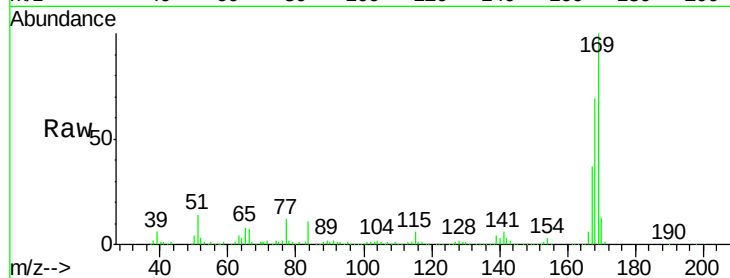
Tgt Ion:169 Resp: 255312

Ion Ratio Lower Upper

169 100

168 68.6 55.1 82.7

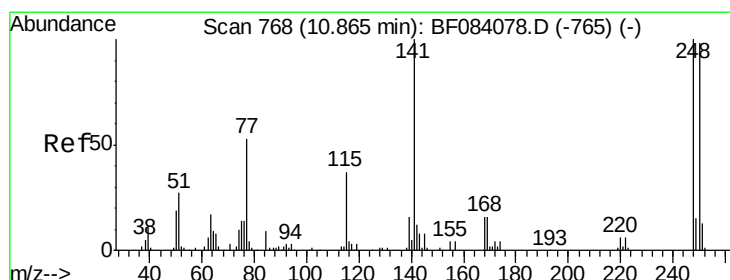
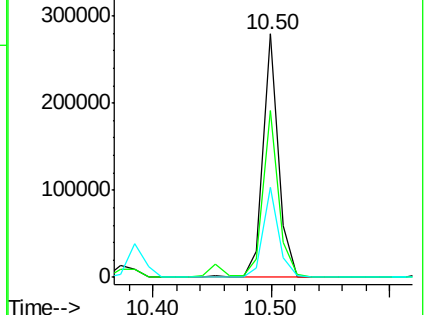
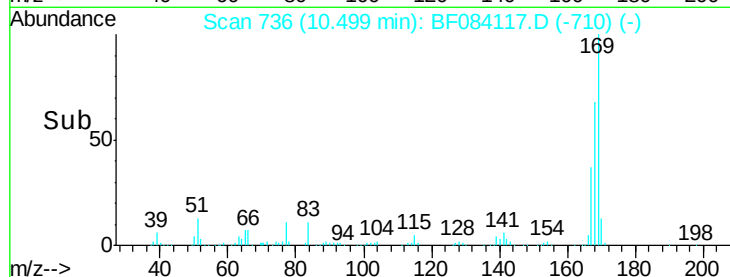
167 36.8 30.0 45.0



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: 42.86 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

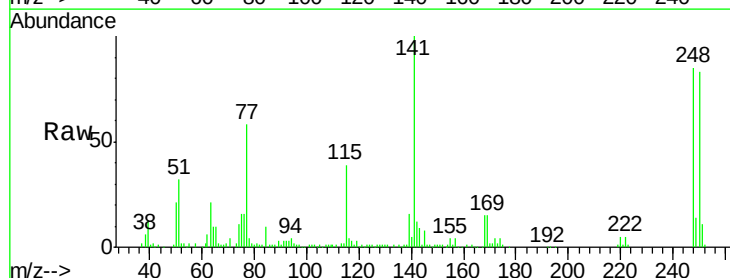
Tgt Ion:248 Resp: 78802

Ion Ratio Lower Upper

248 100

250 97.0 78.4 117.6

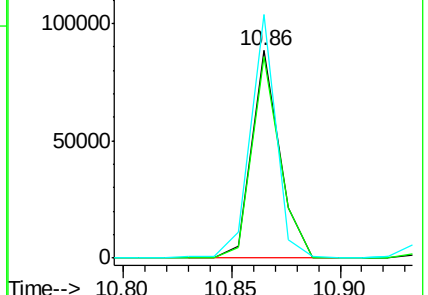
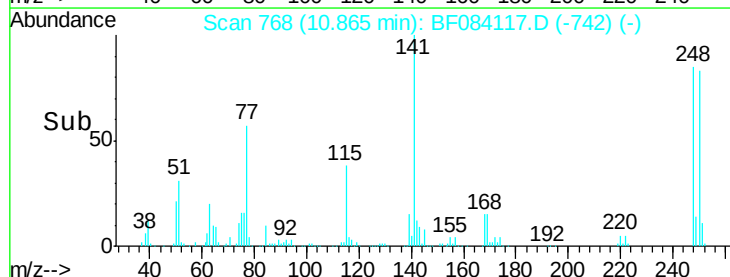
141 117.3 44.0 66.0#

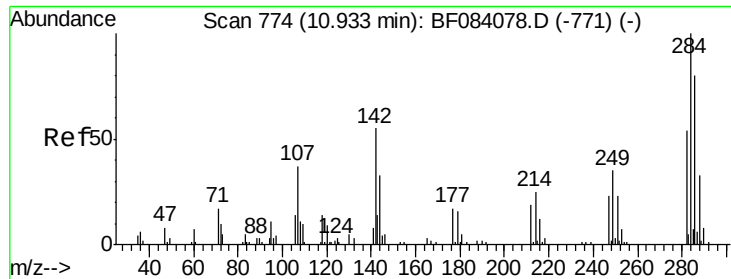


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

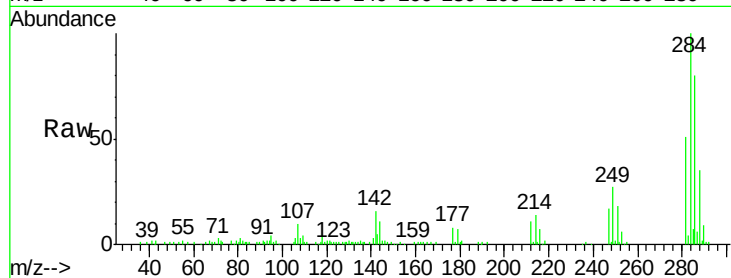




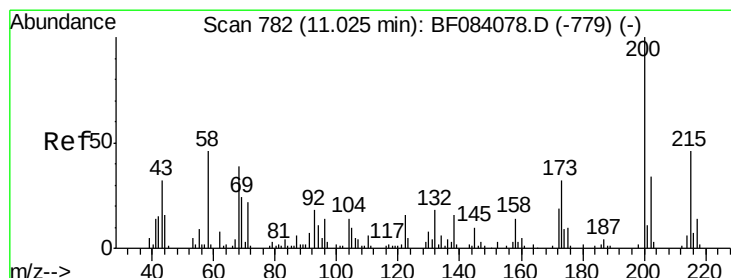
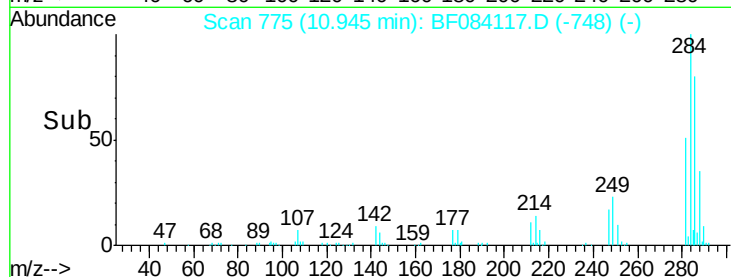
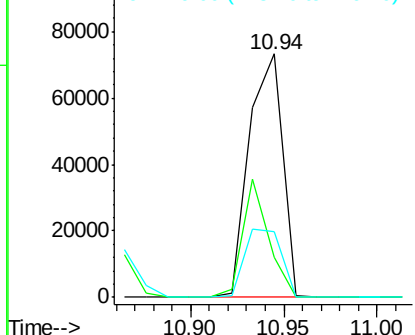
#67
Hexachlorobenzene
Concen: 45.09 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tgt Ion:284 Resp: 90761
Ion Ratio Lower Upper
284 100
142 16.4 22.2 33.4#
249 26.9 24.6 37.0

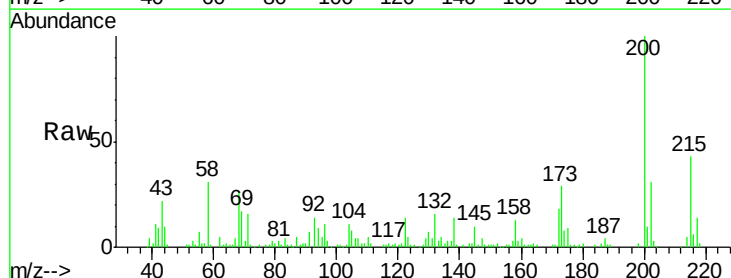


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

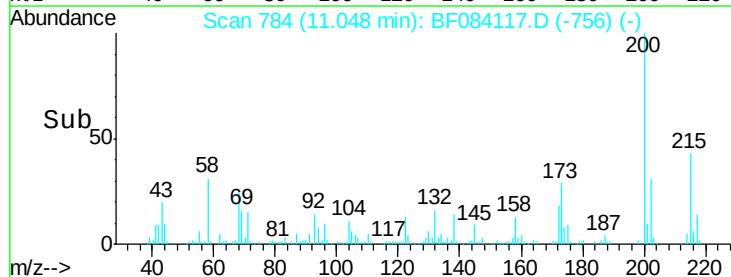
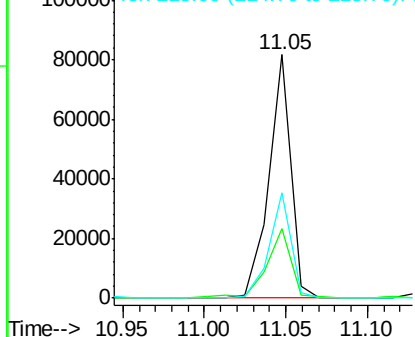


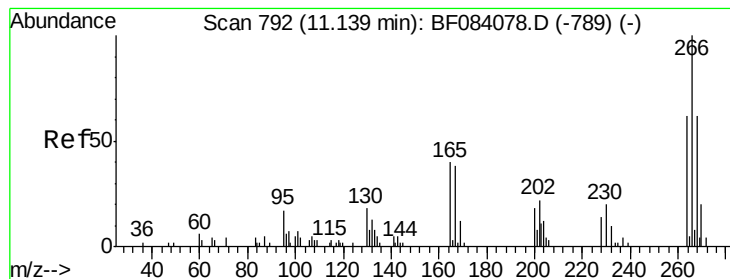
#68
Atrazine
Concen: 45.12 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.02 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion:200 Resp: 76888
Ion Ratio Lower Upper
200 100
173 28.6 9.5 49.5
215 43.5 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

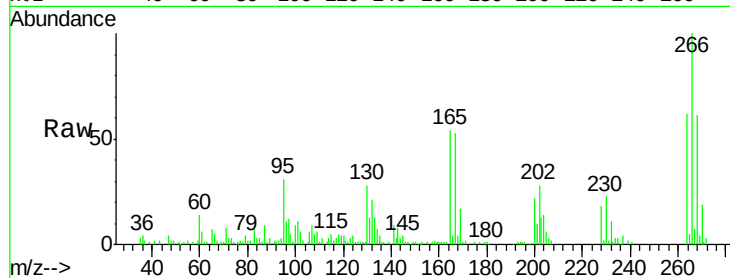




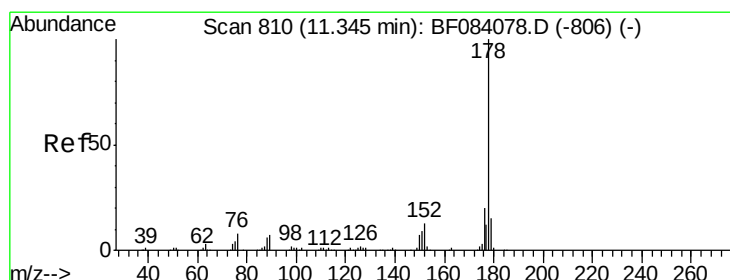
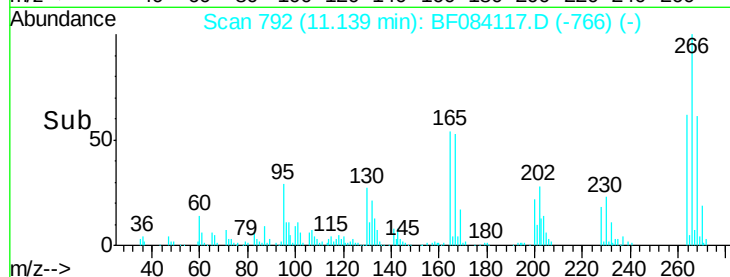
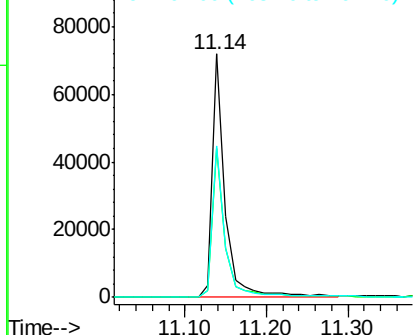
#69
 Pentachlorophenol
 Concen: 117.27 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tgt Ion: 266 Resp: 80285
 Ion Ratio Lower Upper
 266 100
 268 61.4 52.4 78.6
 264 62.4 50.2 75.2

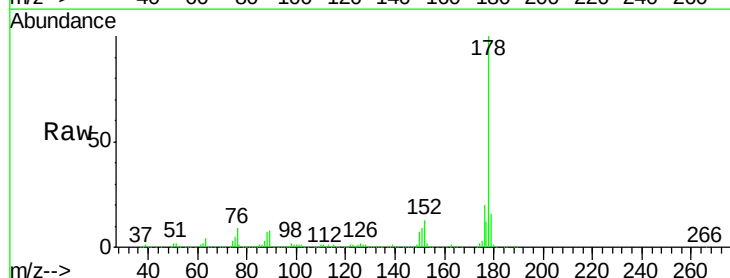


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

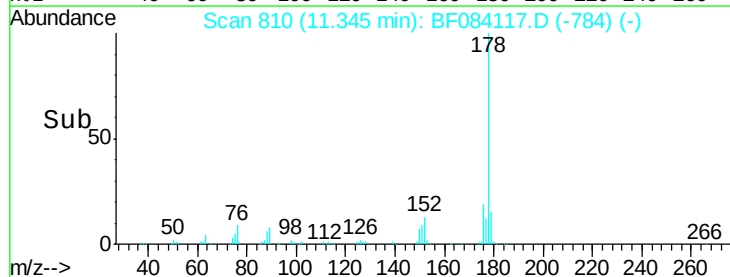
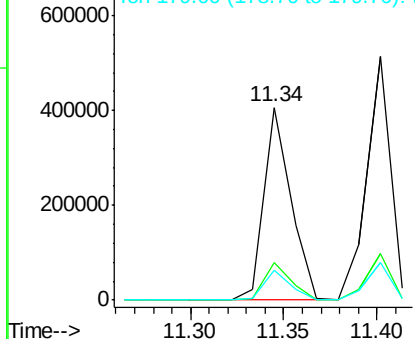


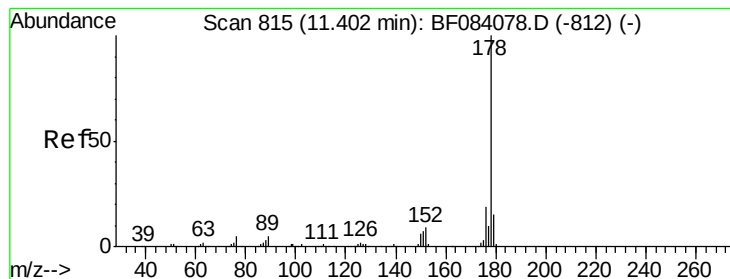
#70
 Phenanthrene
 Concen: 43.06 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion: 178 Resp: 405199
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.3 22.9
 179 15.6 12.0 18.0



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





#71

Anthracene

Concen: 45.93 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

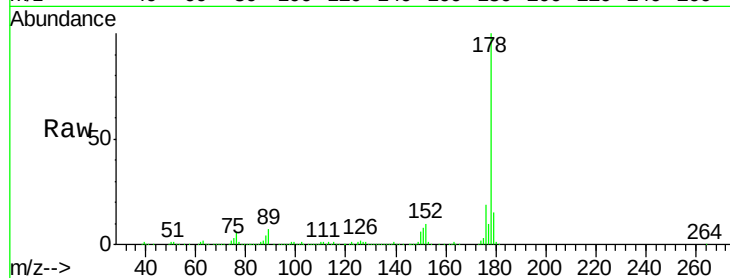
Tgt Ion:178 Resp: 451915

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

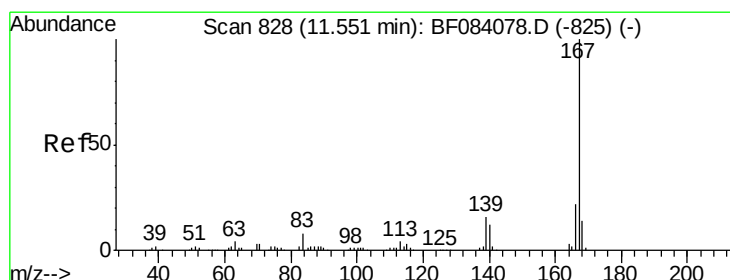
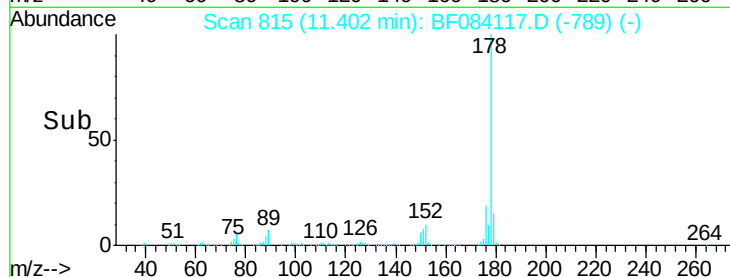
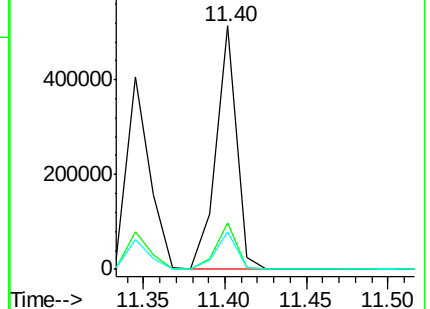
179 15.4 12.5 18.7



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: 51.25 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

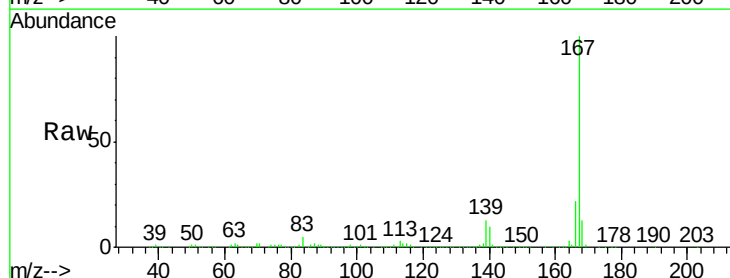
Tgt Ion:167 Resp: 428947

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

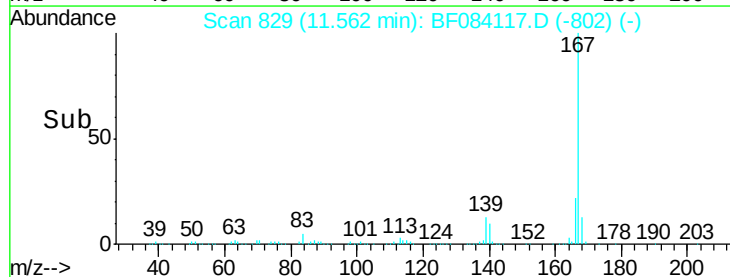
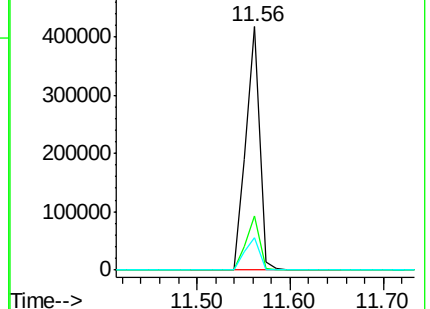
139 13.4 11.8 17.8

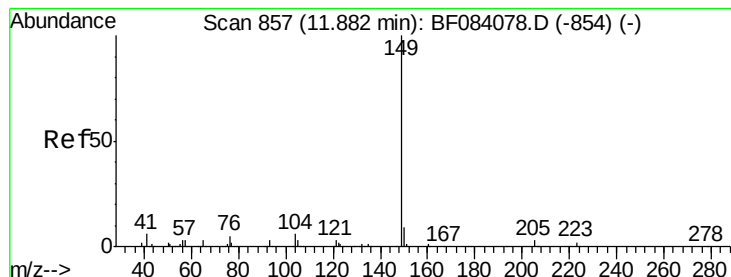


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.56 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

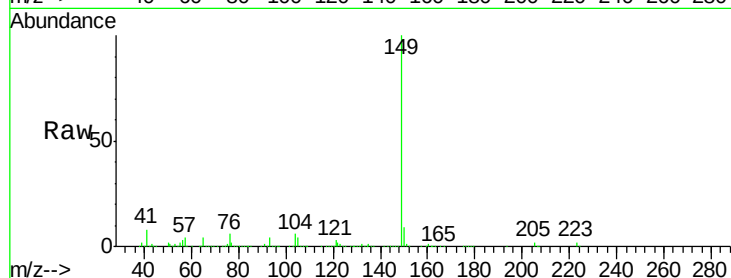
Tgt Ion:149 Resp: 480551

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

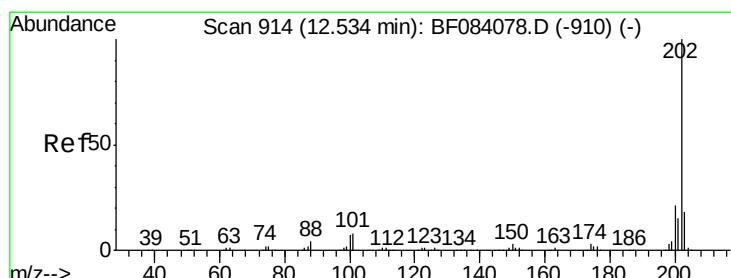
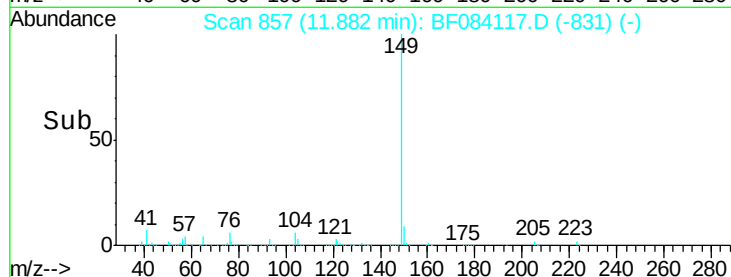
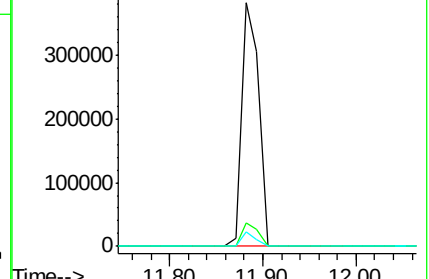
104 5.9 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.89 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

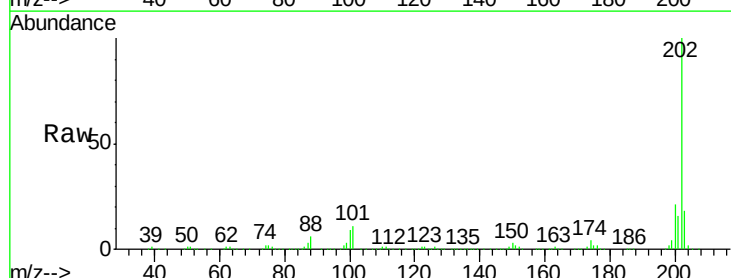
Tgt Ion:202 Resp: 423305

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.8

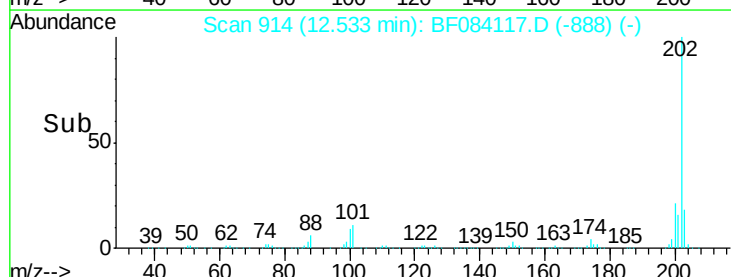
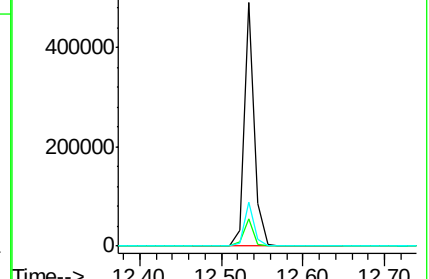
203 18.2 0.0 37.9

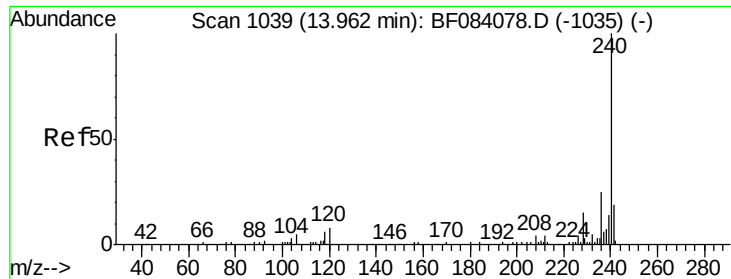


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

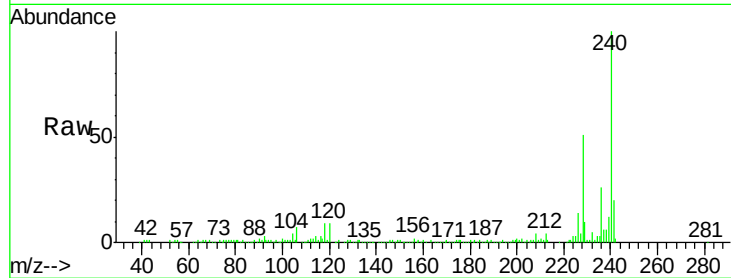
Tgt Ion:240 Resp: 119512

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

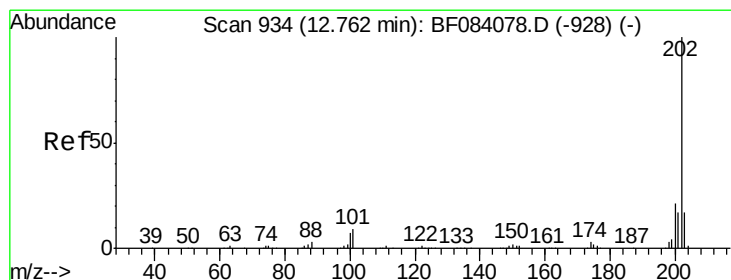
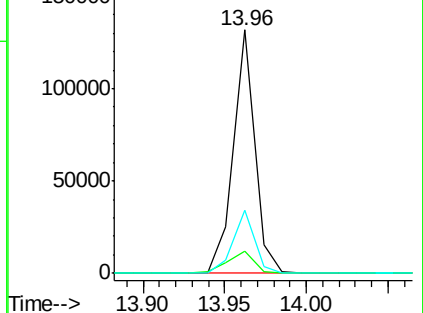
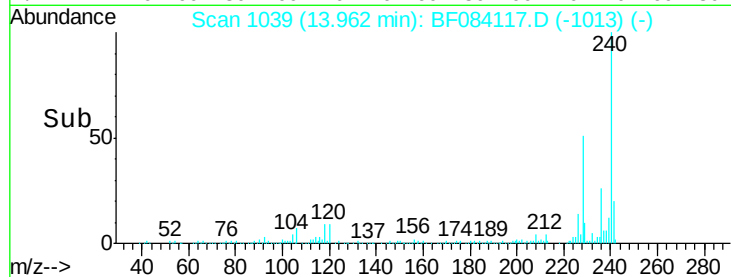
236 25.9 20.6 31.0



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



#77

Pyrene

Concen: 42.72 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

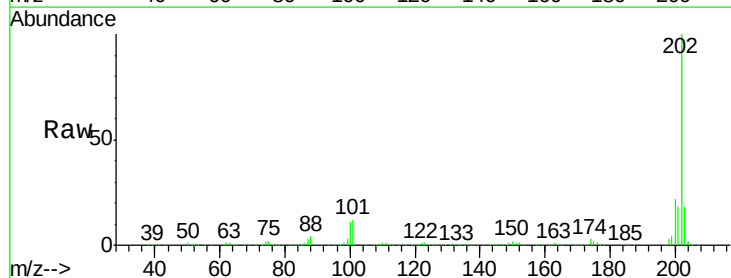
Tgt Ion:202 Resp: 440516

Ion Ratio Lower Upper

202 100

200 22.1 17.2 25.8

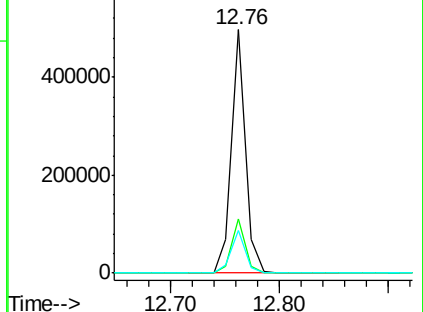
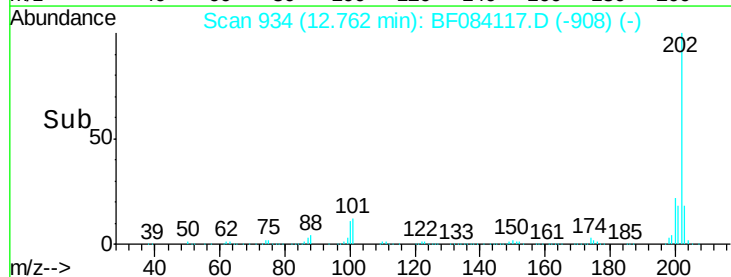
203 17.5 14.3 21.5

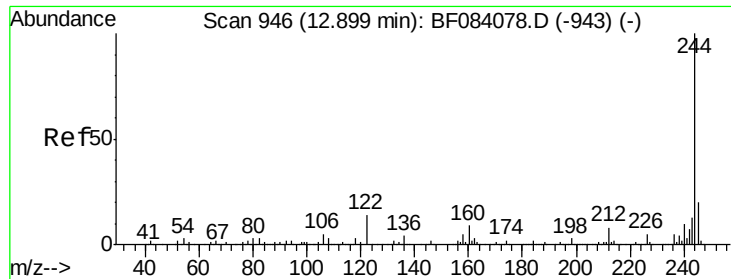


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 65.92 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

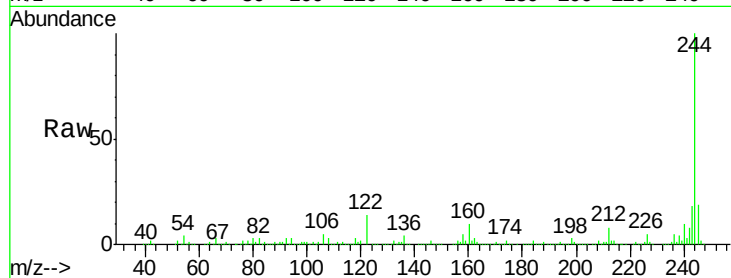
Tgt Ion:244 Resp: 435355

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

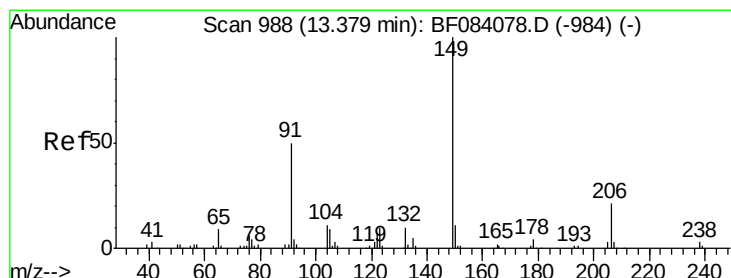
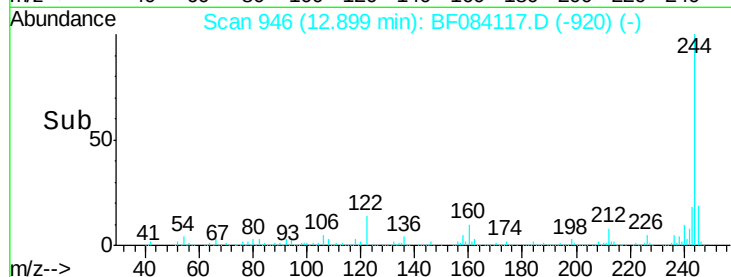
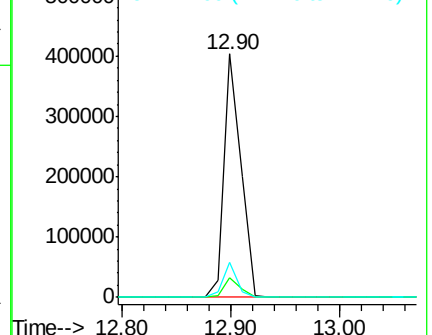
122 14.4 7.4 11.0#



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: 49.25 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

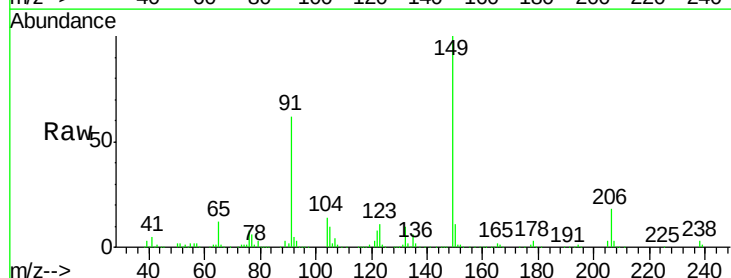
Tgt Ion:149 Resp: 210189

Ion Ratio Lower Upper

149 100

91 62.2 57.6 86.4

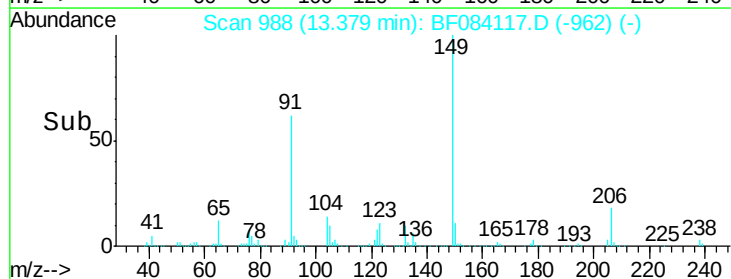
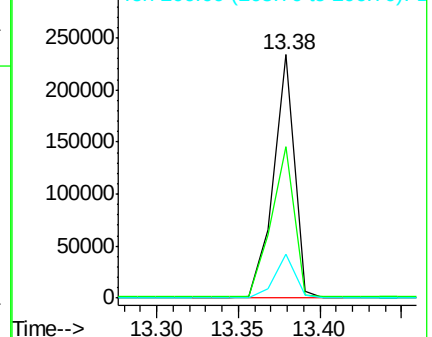
206 17.8 13.2 19.8

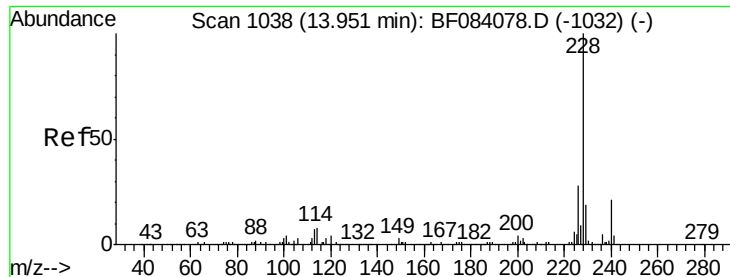


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 45.22 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

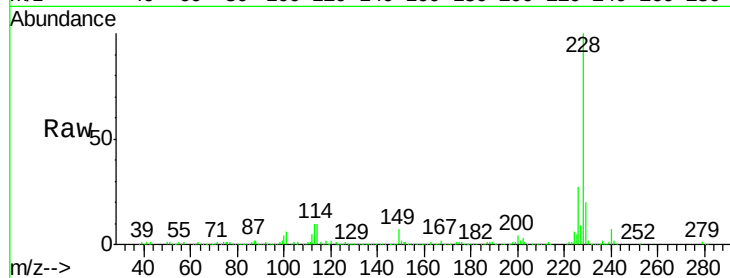
Tgt Ion:228 Resp: 332459

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

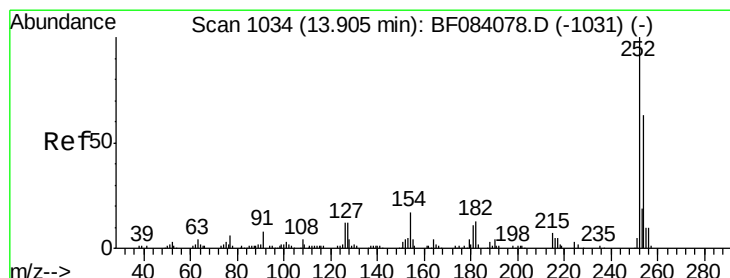
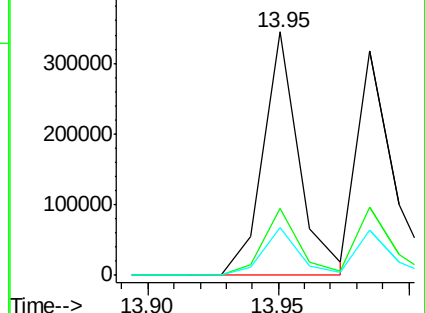
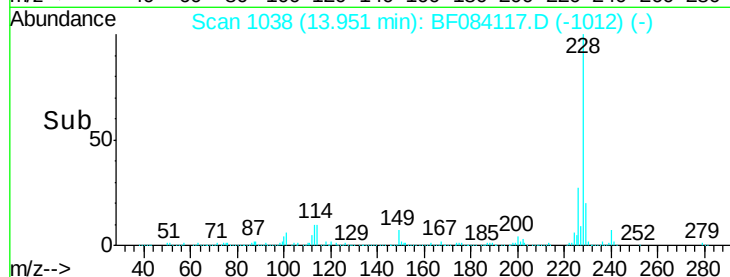
229 19.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 9.67 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

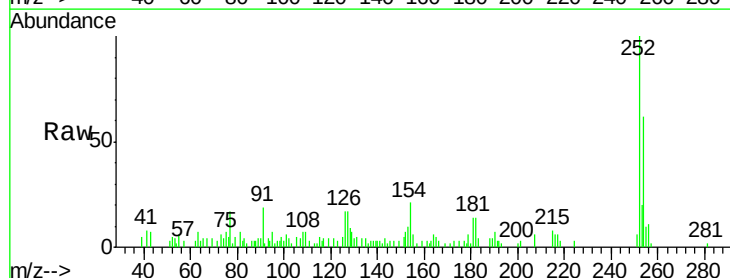
Tgt Ion:252 Resp: 21525

Ion Ratio Lower Upper

252 100

254 62.0 53.5 80.3

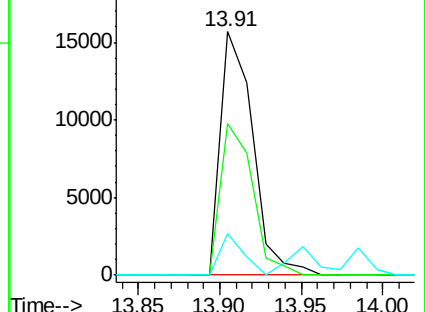
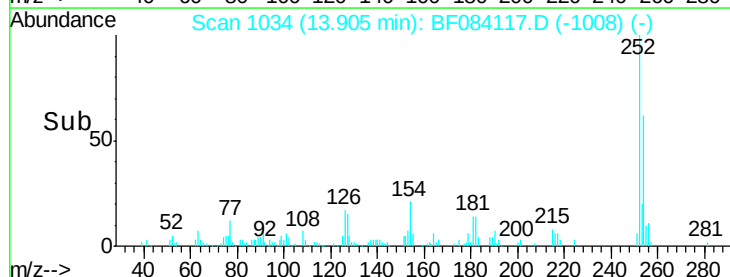
126 17.2 4.9 7.3#

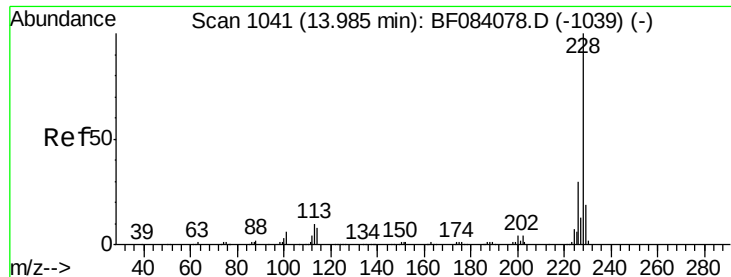


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.85 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

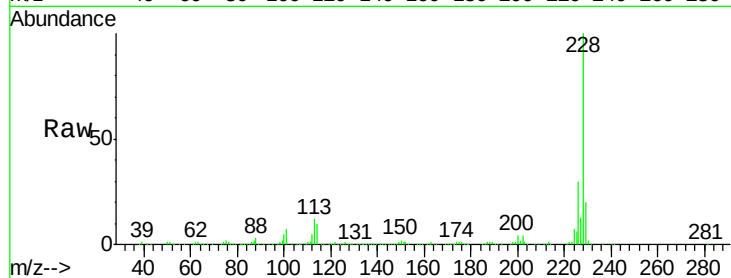
Tgt Ion: 228 Resp: 297279

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

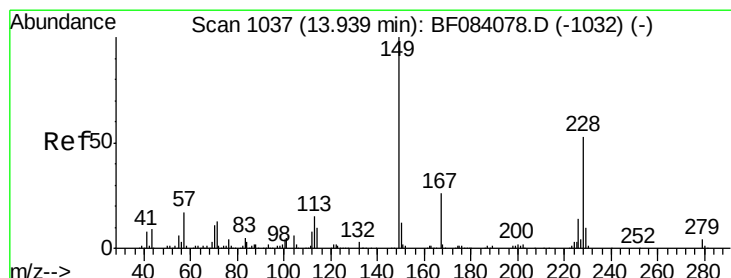
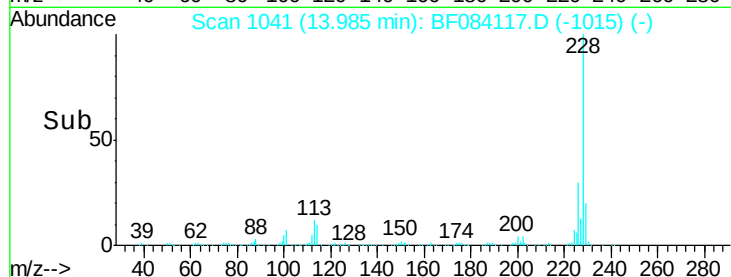
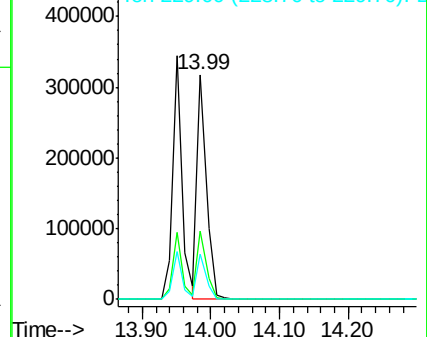
229 19.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 49.18 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

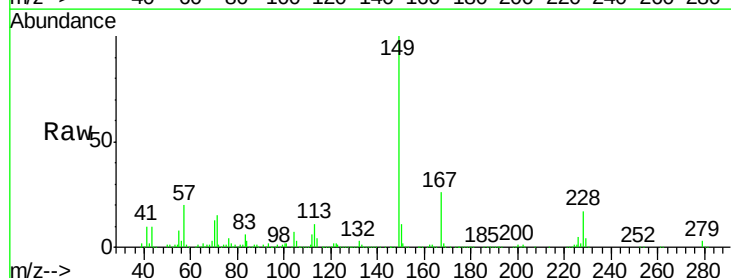
Tgt Ion: 149 Resp: 271222

Ion Ratio Lower Upper

149 100

167 25.9 19.7 29.5

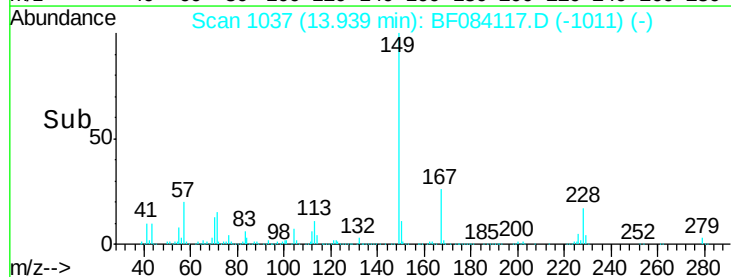
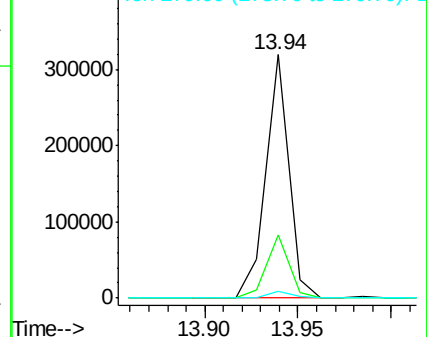
279 3.0 1.8 2.6#

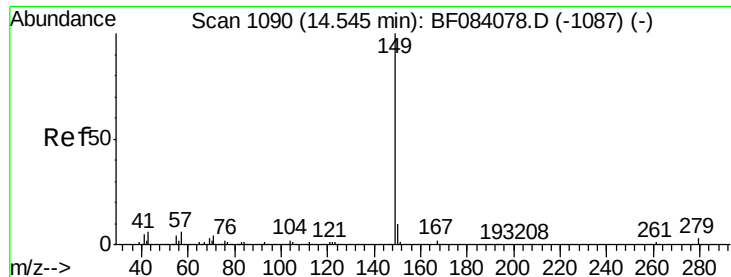


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 51.47 ng

RT: 14.55 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

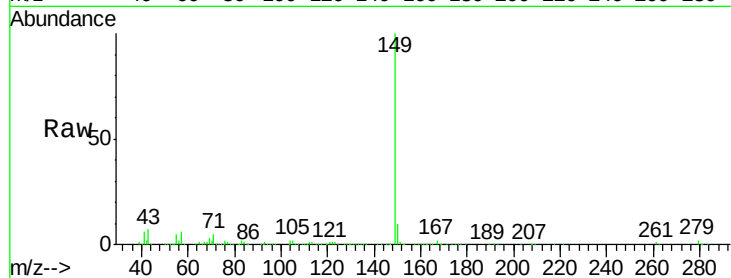
Tgt Ion:149 Resp: 399439

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

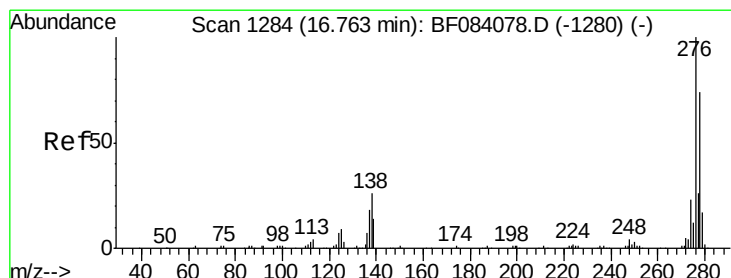
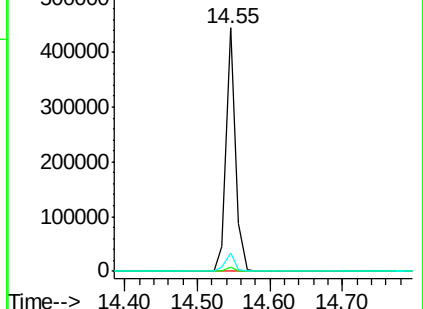
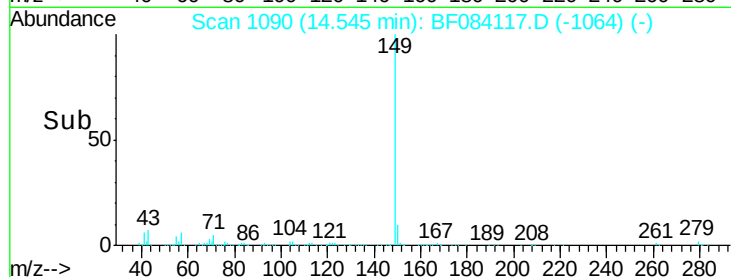
43 7.3 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 46.33 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

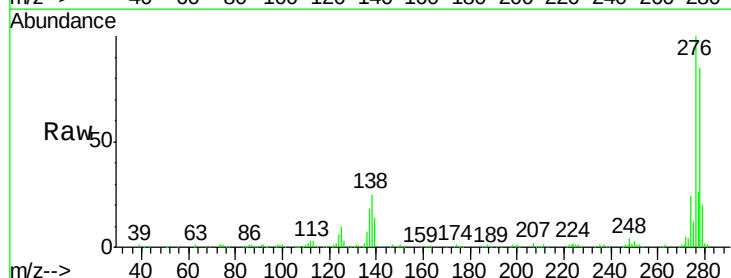
Tgt Ion:276 Resp: 314481

Ion Ratio Lower Upper

276 100

138 25.9 20.6 30.8

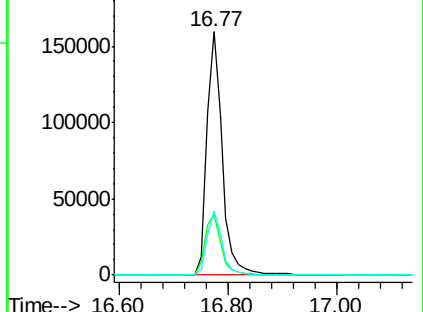
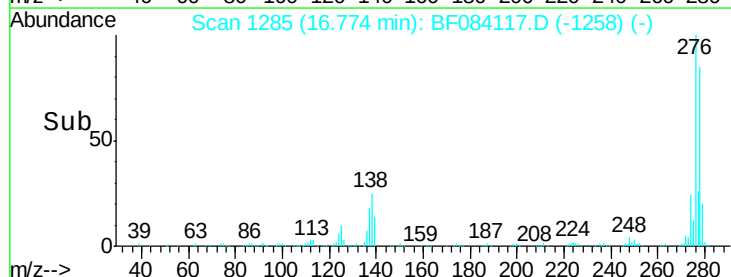
277 25.9 20.1 30.1

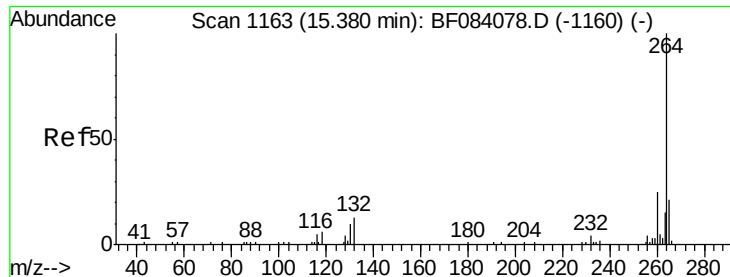


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

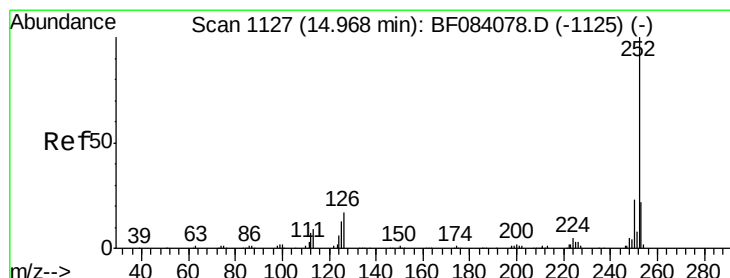
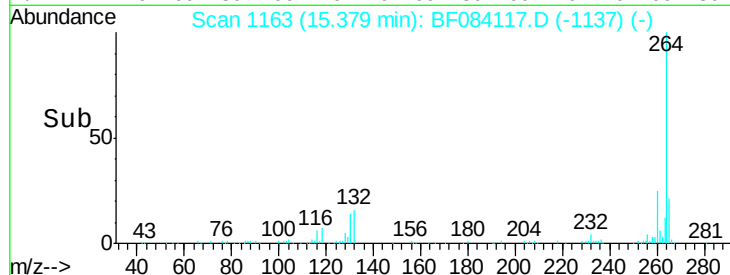
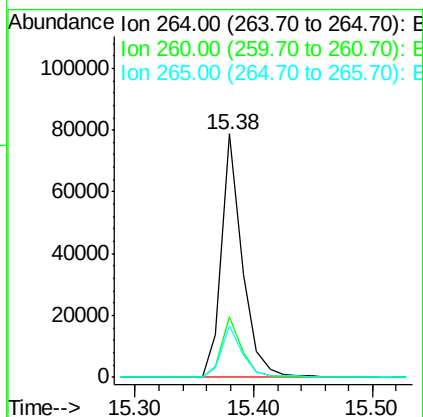
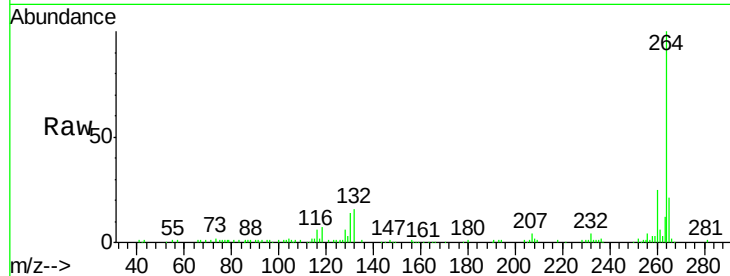




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

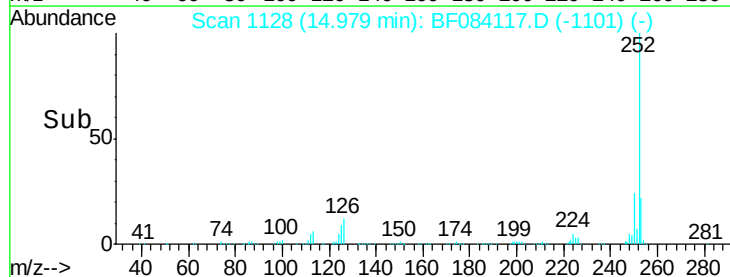
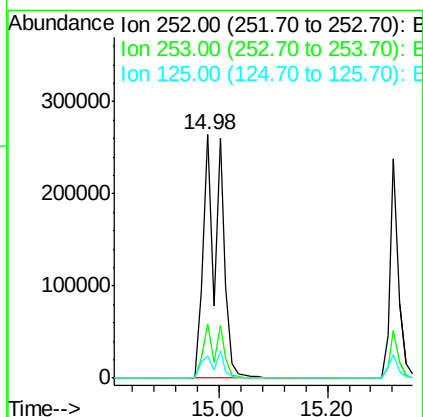
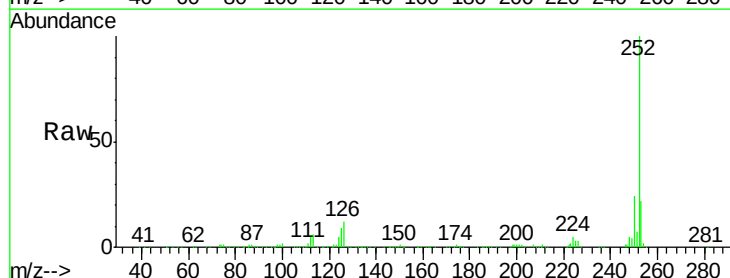
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

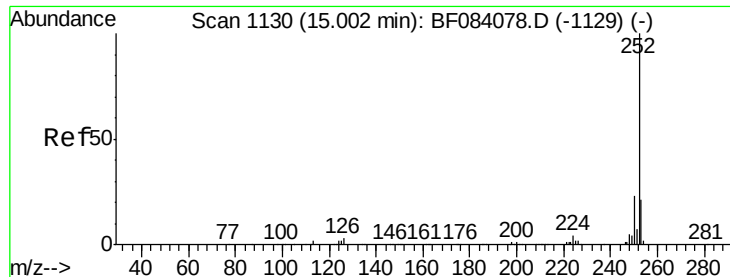
Tgt Ion:264 Resp: 95121
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.2
265 21.3 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 80.35 ng
RT: 14.98 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion:252 Resp: 567562
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.3 6.5 9.7

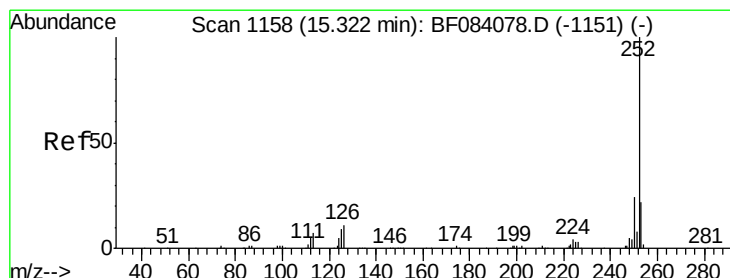
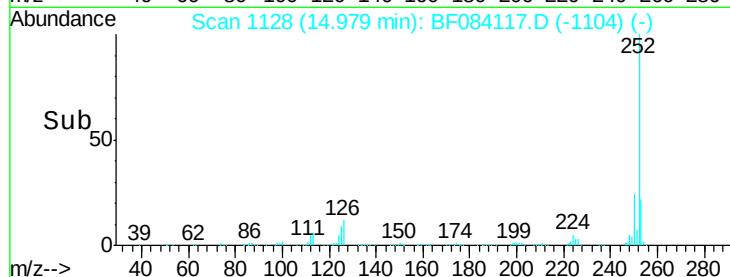
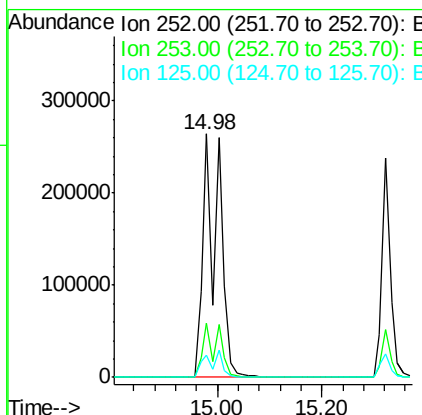
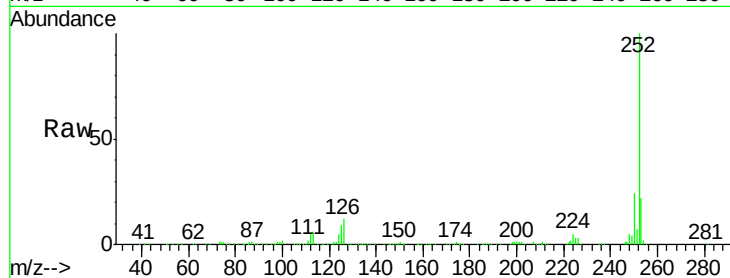




#88
Benzo(k)fluoranthene
Concen: 118.56 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

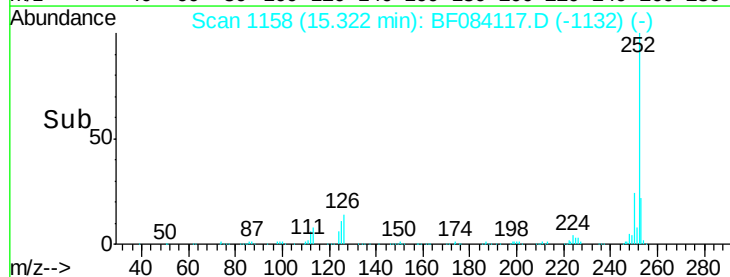
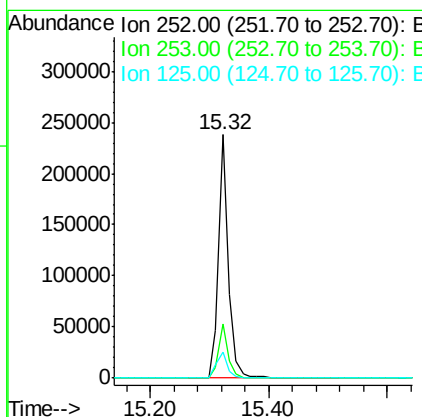
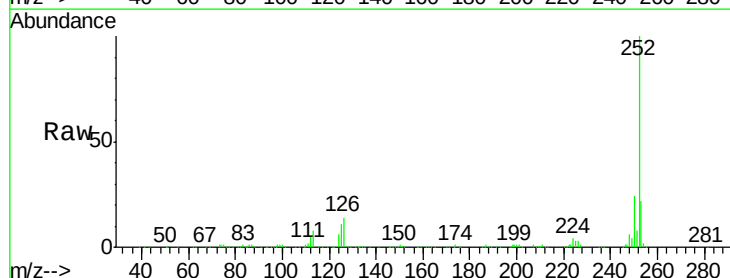
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

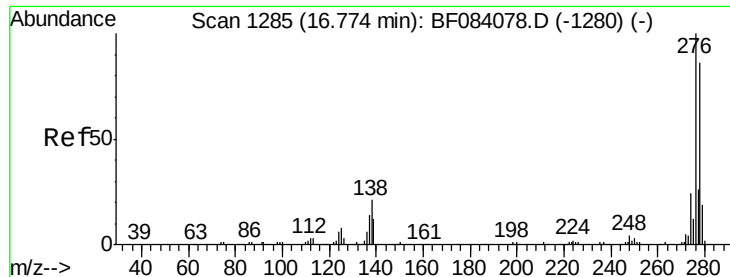
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.3	9.0	13.6



#89
Benzo(a)pyrene
Concen: 46.75 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.6	7.0	10.4





#90

Dibenzo(a,h)anthracene

Concen: 46.53 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

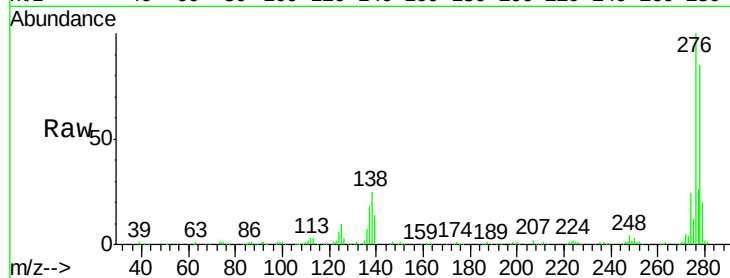
Tgt Ion:278 Resp: 264246

Ion Ratio Lower Upper

278 100

139 16.4 15.0 22.4

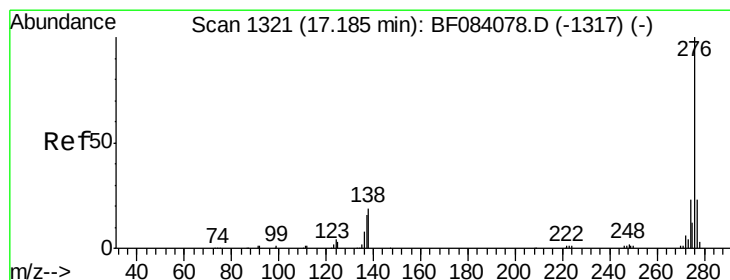
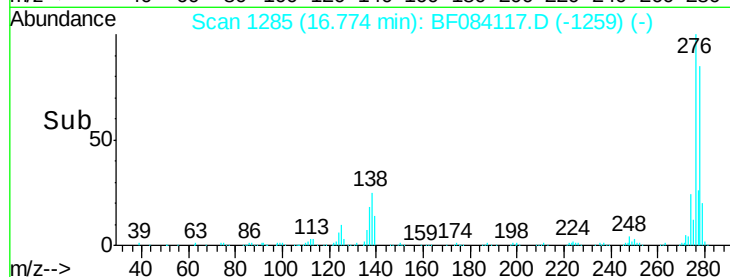
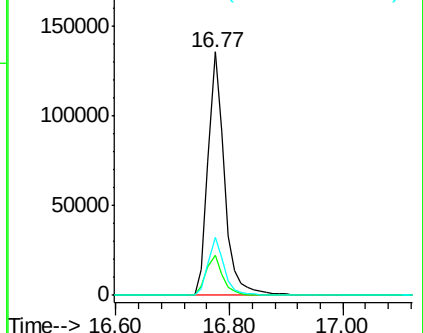
279 23.8 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 46.81 ng

RT: 17.19 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

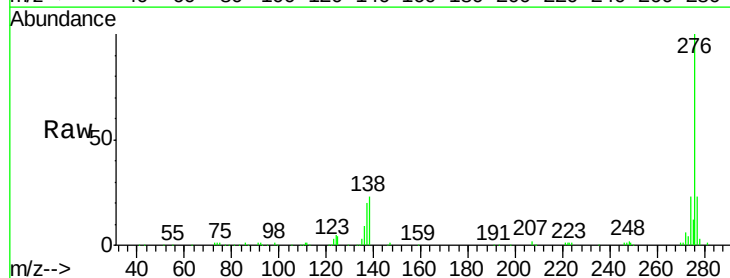
Tgt Ion:276 Resp: 271339

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 23.0 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

