

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084118.D
 Acq On : 25 Dec 2015 9:46
 Operator : UM/SJ
 Sample : G4951-11MSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

Quant Time: Dec 26 00:34:27 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	51806	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	197417	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	89436	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	159192	20.00	ng	0.00
75) Chrysene-d12	13.96	240	108880	20.00	ng	0.00
86) Perylene-d12	15.38	264	95321	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	191733	62.75	ng	0.01
7) Phenol-d6	6.45	99	151943	40.19	ng	0.00
23) Nitrobenzene-d5	7.37	82	294902	87.44	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	142995	149.93	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	561851	85.96	ng	0.00
78) Terphenyl-d14	12.90	244	387671	64.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	20514	16.38	ng	# 90
3) Pyridine	3.14	79	47620	15.57	ng	96
4) n-Nitrosodimethylamine	3.05	42	24307	18.04	ng	89
6) Aniline	6.46	93	116083	24.29	ng	97
8) 2-Chlorophenol	6.59	128	135764	35.78	ng	98
9) Benzaldehyde	6.35	77	46569	23.03	ng	88
10) Phenol	6.46	94	65049	15.04	ng	# 1
11) bis(2-Chloroethyl)ether	6.53	93	131844	42.28	ng	96
12) 1,3-Dichlorobenzene	6.74	146	163099	39.37	ng	99
13) 1,4-Dichlorobenzene	6.74	146	163099	39.12	ng	95
14) 1,2-Dichlorobenzene	6.97	146	150640	39.21	ng	98
15) Benzyl Alcohol	6.96	79	87035	30.40	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	122872	40.33	ng	# 31
17) 2-Methylphenol	7.08	107	84741	29.08	ng	# 81
18) Hexachloroethane	7.31	117	59515	39.12	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	95408	40.97	ng	# 85
20) 3+4-Methylphenols	7.23	107	105823	28.47	ng	# 51
22) Acetophenone	7.22	105	217438	44.08	ng	# 85
24) Nitrobenzene	7.39	77	165158	46.12	ng	91
25) Isophorone	7.63	82	283339	45.42	ng	97
26) 2-Nitrophenol	7.71	139	83067	45.33	ng	93
27) 2,4-Dimethylphenol	7.76	122	126805	41.69	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	159032	43.72	ng	99
29) 2,4-Dichlorophenol	7.96	162	118170	41.83	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	130908	42.28	ng	98
31) Naphthalene	8.11	128	460640	43.86	ng	99
32) Benzoic acid	7.88	122	20949	14.36	ng	96
33) 4-Chloroaniline	8.17	127	124091	29.69	ng	# 90
34) Hexachlorobutadiene	8.22	225	71472	40.48	ng	98
35) Caprolactam	8.66	113	12144	15.50	ng	# 24
36) 4-Chloro-3-methylphenol	8.66	107	130118	40.96	ng	98
37) 2-Methylnaphthalene	8.80	142	296706	45.13	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	128012	45.40	ng	99
40) Hexachlorocyclopentadiene	8.96	237	54454	69.94	ng	96

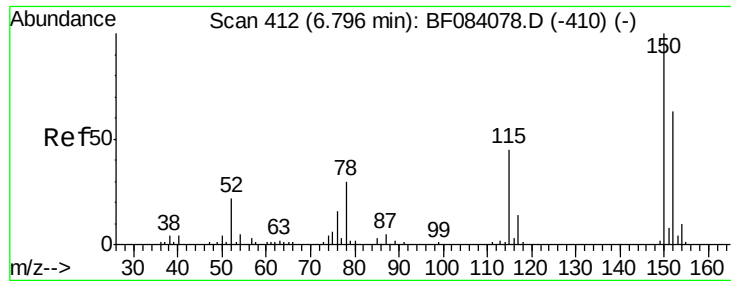
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	77609	42.22	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	86322	46.91	ng	94
45) 1,1'-Biphenyl	9.26	154	385276	47.68	ng	98
46) 2-Chloronaphthalene	9.29	162	275632	44.87	ng	98
47) 2-Nitroaniline	9.39	65	86468	52.98	ng	# 85
48) Acenaphthylene	9.70	152	410587	40.70	ng	99
49) Dimethylphthalate	9.57	163	365431	49.34	ng	# 91
50) 2,6-Dinitrotoluene	9.63	165	70083	44.57	ng	# 65
51) Acenaphthene	9.87	154	249581	42.54	ng	100
52) 3-Nitroaniline	9.80	138	44638	26.45	ng	87
53) 2,4-Dinitrophenol	9.92	184	56235	88.31	ng	91
54) Dibenzofuran	10.04	168	362645	44.95	ng	# 89
55) 4-Nitrophenol	10.00	139	28747	33.38	ng	# 79
56) 2,4-Dinitrotoluene	10.04	165	104300	50.25	ng	93
57) Fluorene	10.38	166	290781	42.40	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	68036	51.87	ng	# 93
59) Diethylphthalate	10.27	149	351141	46.67	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	129698	41.01	ng	# 75
61) 4-Nitroaniline	10.42	138	68104	43.67	ng	96
62) Azobenzene	10.53	77	303491	48.96	ng	88
64) 4,6-Dinitro-2-methylphenol	10.45	198	42705	48.33	ng	98
65) n-Nitrosodiphenylamine	10.50	169	258332	45.52	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	82517	44.74	ng	# 70
67) Hexachlorobenzene	10.94	284	94883	46.99	ng	# 87
68) Atrazine	11.05	200	70125	41.03	ng	99
69) Pentachlorophenol	11.14	266	81445	118.52	ng	98
70) Phenanthrene	11.34	178	406359	43.06	ng	98
71) Anthracene	11.40	178	452945	45.90	ng	100
72) Carbazole	11.56	167	406079	48.37	ng	98
73) Di-n-butylphthalate	11.88	149	481093	44.48	ng	# 97
74) Fluoranthene	12.53	202	408915	40.75	ng	98
77) Pyrene	12.76	202	419613	44.67	ng	100
79) Butylbenzylphthalate	13.38	149	187987	48.34	ng	87
80) Benzo(a)anthracene	13.95	228	311633	46.53	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	24121	11.89	ng	# 94
82) Chrysene	13.99	228	269365	43.61	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	240893	47.94	ng	# 97
84) Di-n-octyl phthalate	14.55	149	359839	50.90	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.77	276	327374	52.93	ng	99
87) Benzo(b)fluoranthene	14.98	252	556179	78.57	ng	99
88) Benzo(k)fluoranthene	14.98	252	556179	115.94	ng	# 97
89) Benzo(a)pyrene	15.32	252	270443	46.37	ng	# 98
90) Dibenzo(a,h)anthracene	16.77	278	271932	47.78	ng	98
91) Benzo(g,h,i)perylene	17.19	276	276754	47.64	ng	98

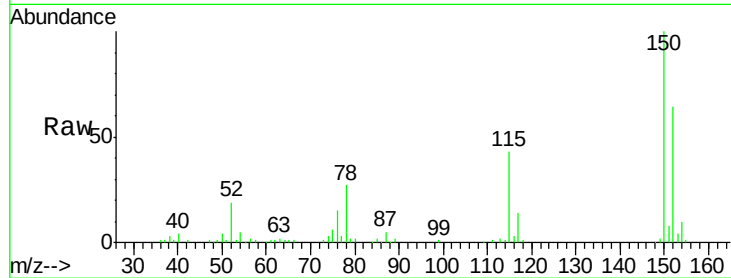
(#) = qualifier out of range (m) = manual integration (+) = signals summed



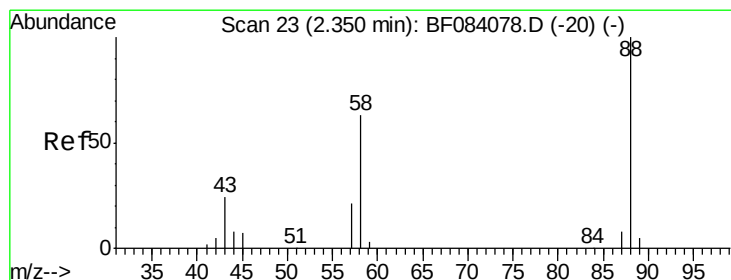
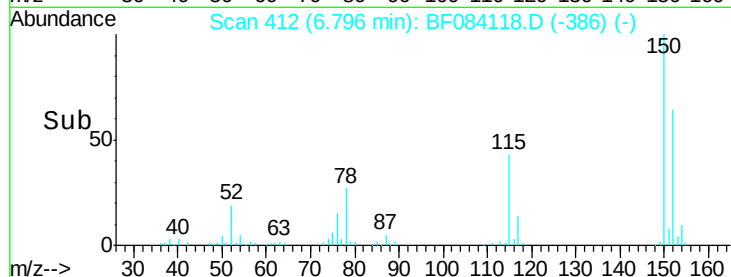
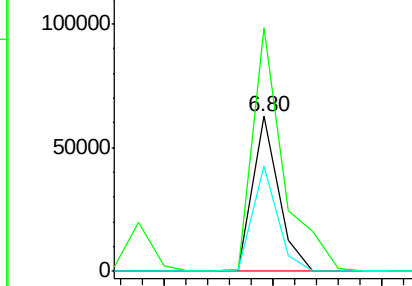
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

Tgt Ion:152 Resp: 51806
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.0 184.4
 115 68.3 51.4 77.2

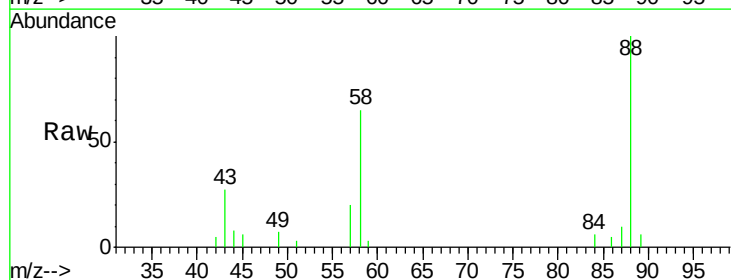


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

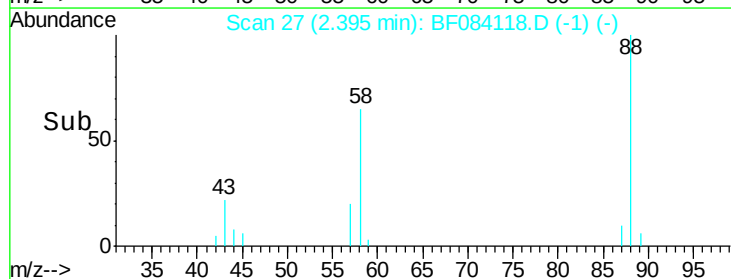
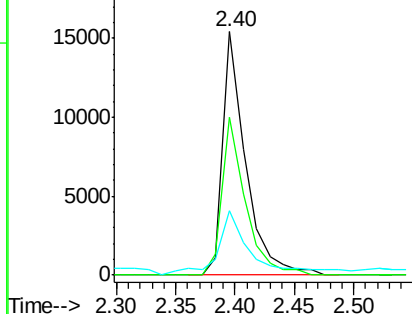


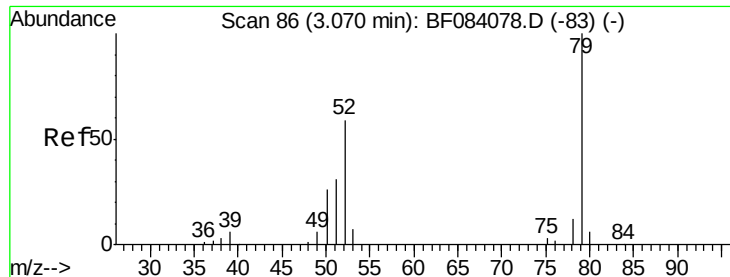
#2
 1,4-Dioxane
 Concen: 16.38 ng
 RT: 2.40 min Scan# 27
 Delta R.T. 0.05 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion: 88 Resp: 20514
 Ion Ratio Lower Upper
 88 100
 58 65.9 51.2 76.8
 43 39.9 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

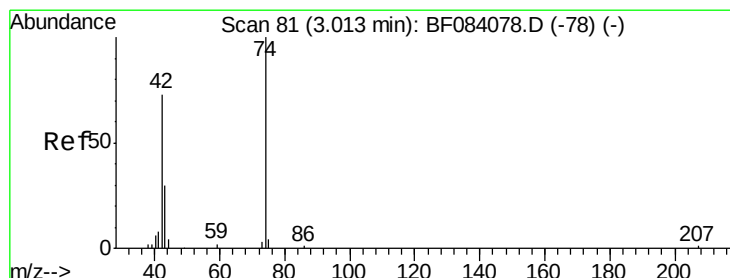
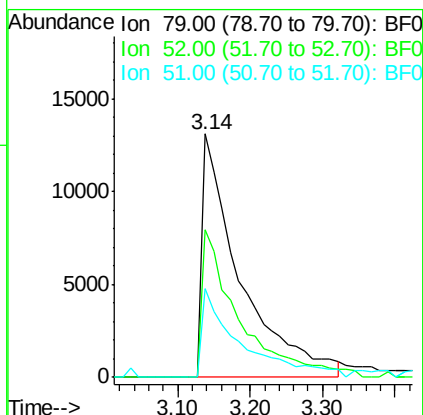
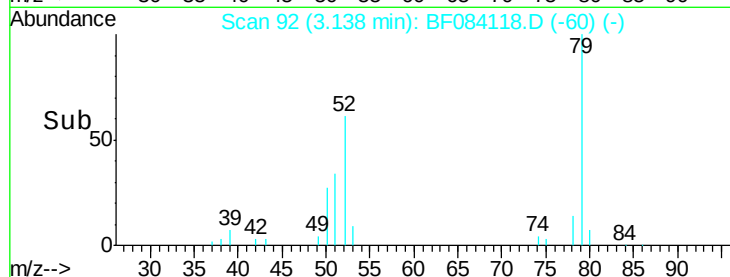
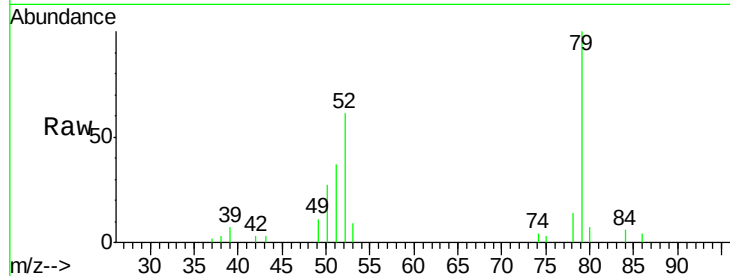




#3
Pyridine
 Concen: 15.57 ng
 RT: 3.14 min Scan# 92
 Delta R.T. 0.07 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

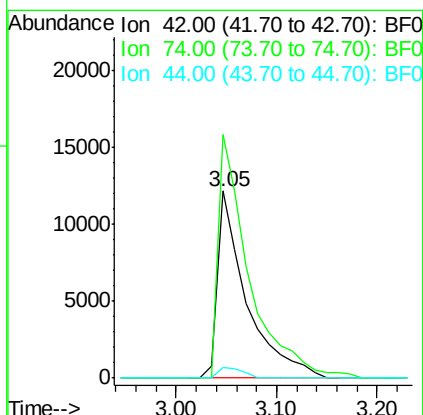
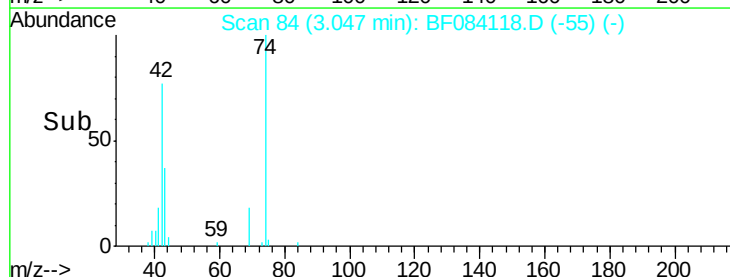
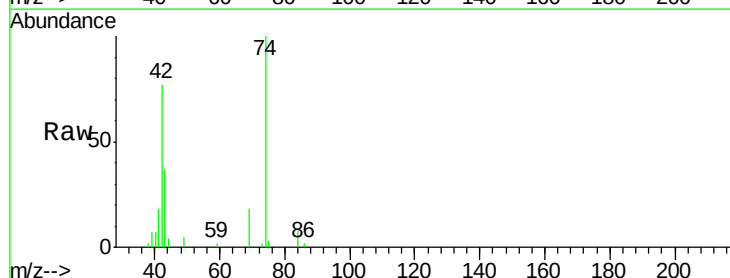
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

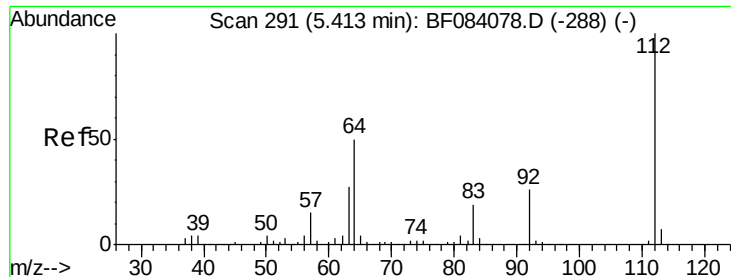
Tgt Ion: 79 Resp: 47620
 Ion Ratio Lower Upper
 79 100
 52 60.7 49.0 73.4
 51 36.6 25.2 37.8



#4
n-Nitrosodimethylamine
 Concen: 18.04 ng
 RT: 3.05 min Scan# 84
 Delta R.T. 0.03 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion: 42 Resp: 24307
 Ion Ratio Lower Upper
 42 100
 74 130.1 115.7 173.5
 44 5.7 5.1 7.7





#5

2-Fluorophenol

Concen: 62.75 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

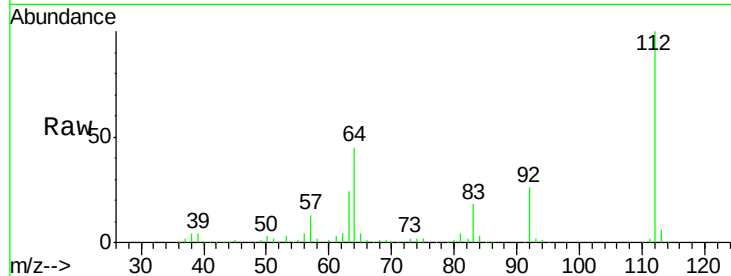
Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

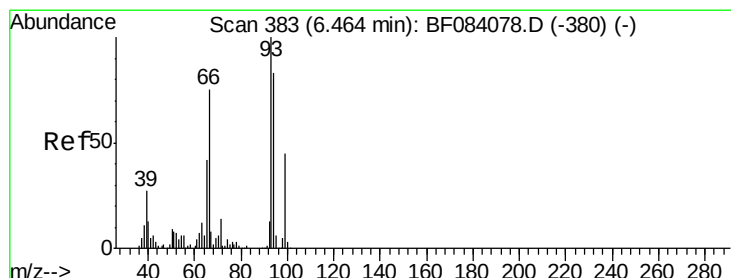
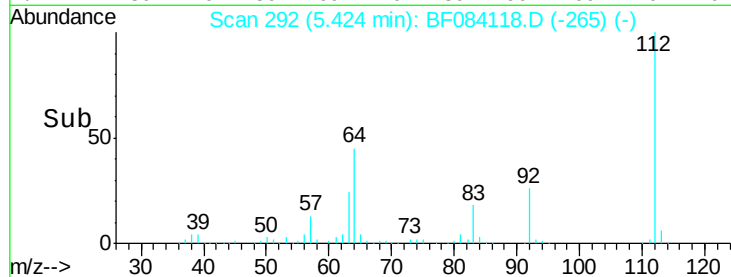
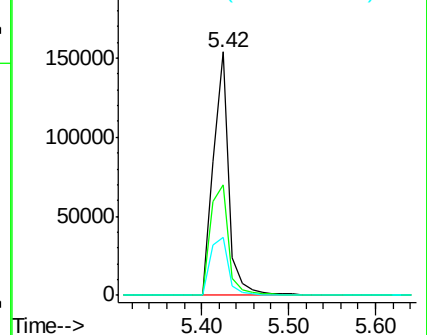
Tgt Ion:	112	Resp:	191733
Ion Ratio	Lower	Upper	
112	100		
64	45.4	36.6	55.0
63	24.1	19.4	29.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.29 ng

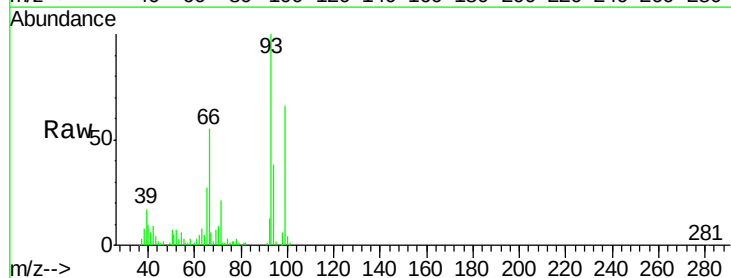
RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

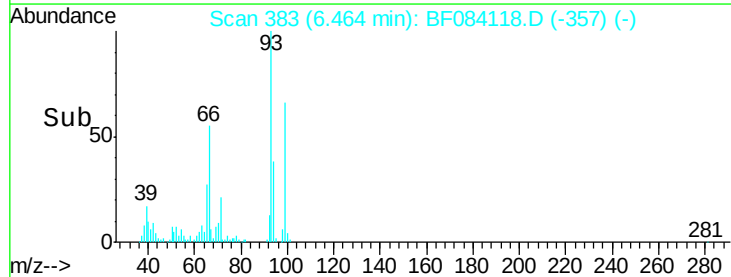
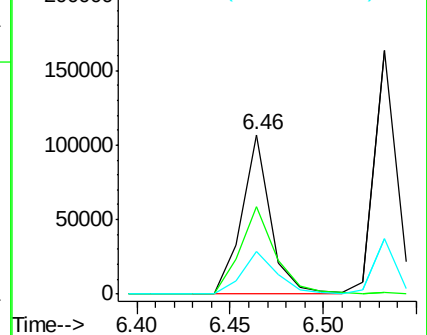
Tgt Ion:	93	Resp:	116083
Ion Ratio	Lower	Upper	
93	100		
66	54.7	44.9	67.3
65	27.1	23.7	35.5

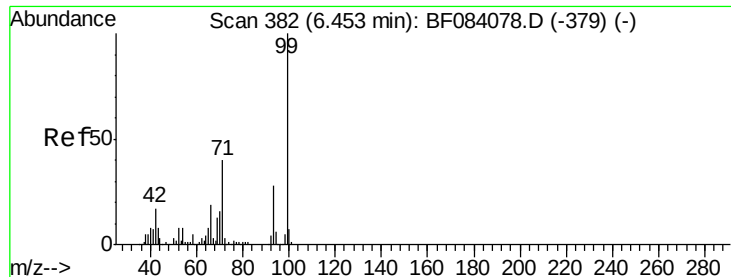


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 40.19 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

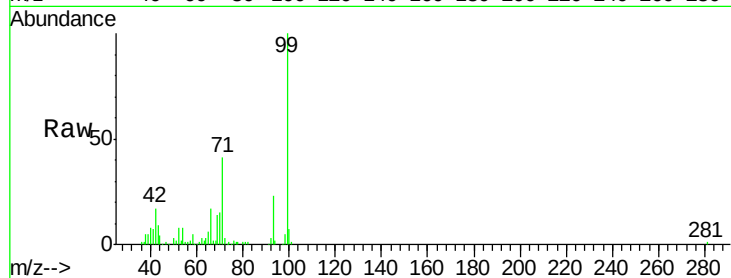
Tgt Ion: 99 Resp: 151943

Ion Ratio Lower Upper

99 100

42 17.5 12.8 19.2

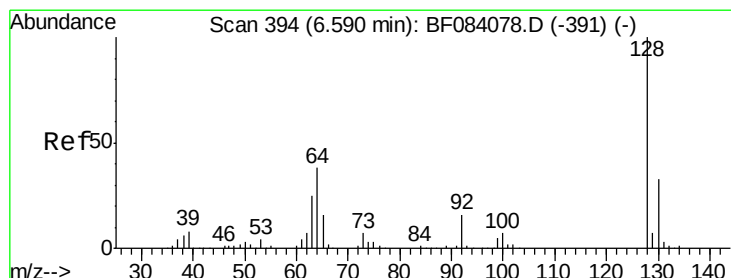
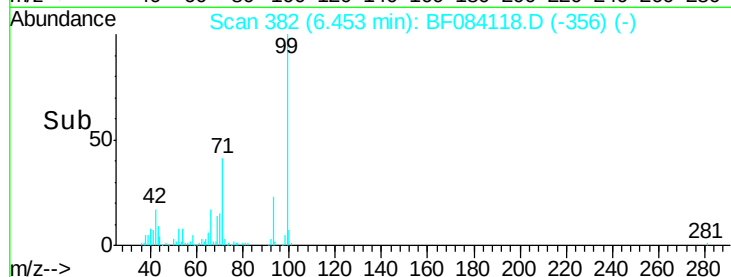
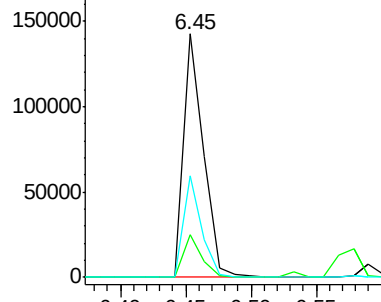
71 41.5 30.9 46.3



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: 35.78 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

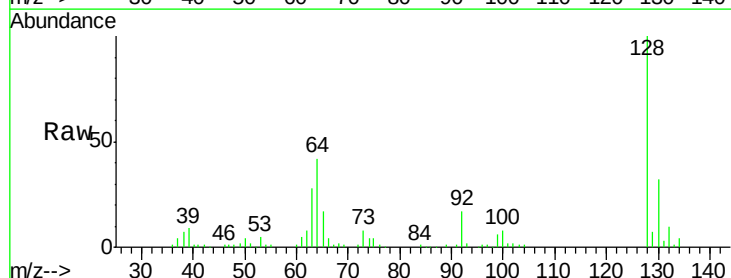
Tgt Ion: 128 Resp: 135764

Ion Ratio Lower Upper

128 100

130 31.7 11.6 51.6

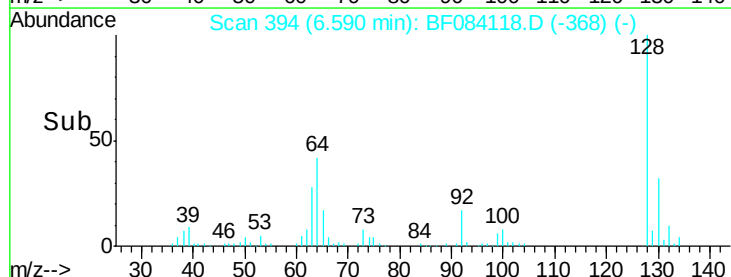
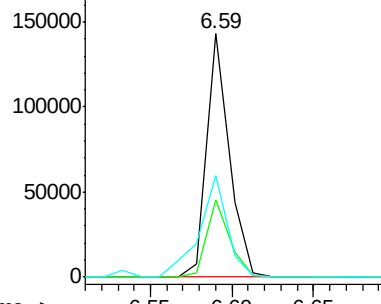
64 41.9 23.8 63.8

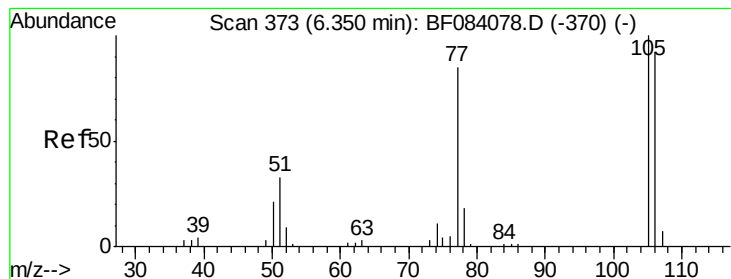


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.03 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

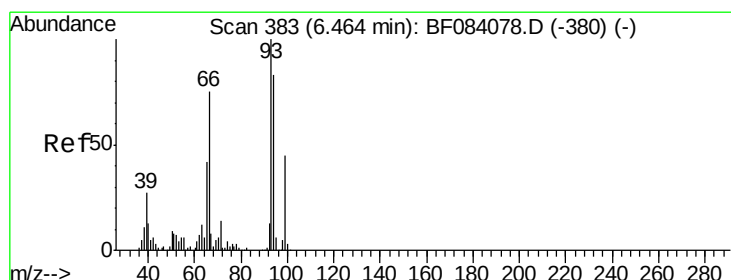
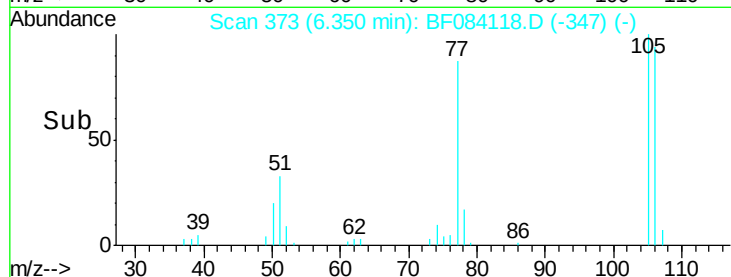
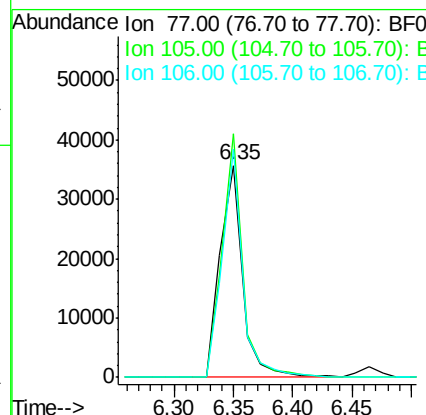
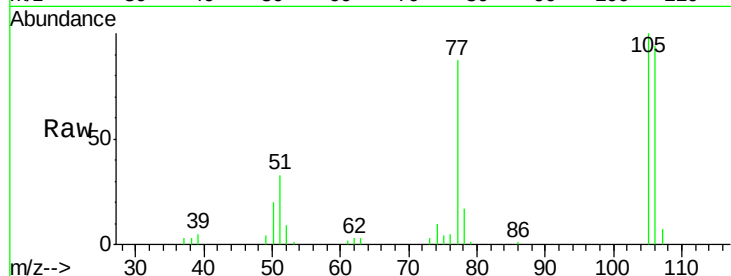
Tgt Ion: 77 Resp: 46569

Ion Ratio Lower Upper

77 100

105 114.9 83.0 123.0

106 107.5 74.6 114.6



#10

Phenol

Concen: 15.04 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

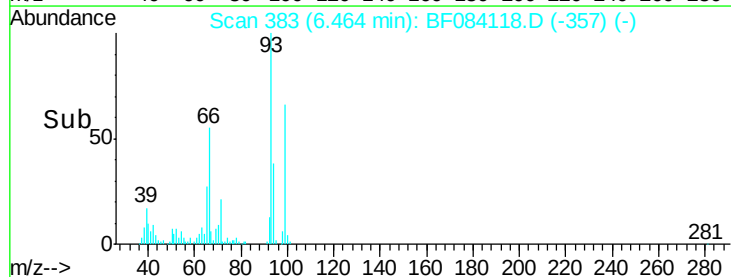
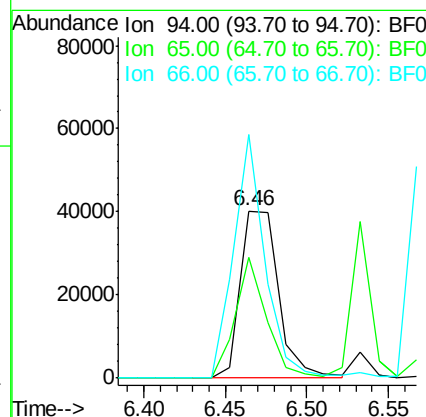
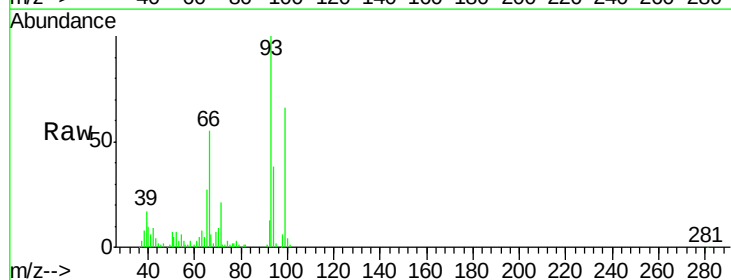
Tgt Ion: 94 Resp: 65049

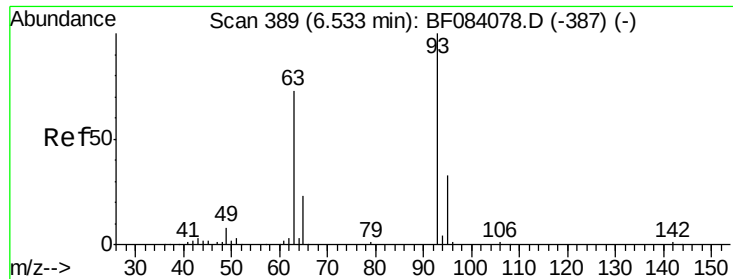
Ion Ratio Lower Upper

94 100

65 72.0 12.9 52.9#

66 145.5 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 42.28 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

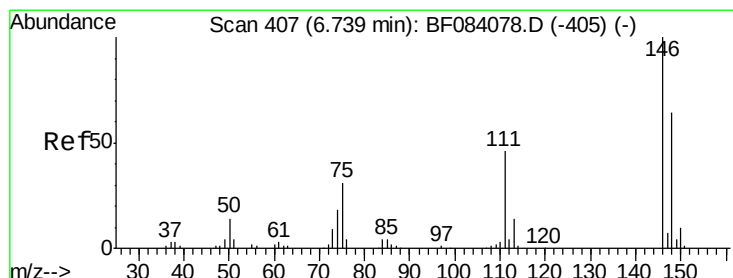
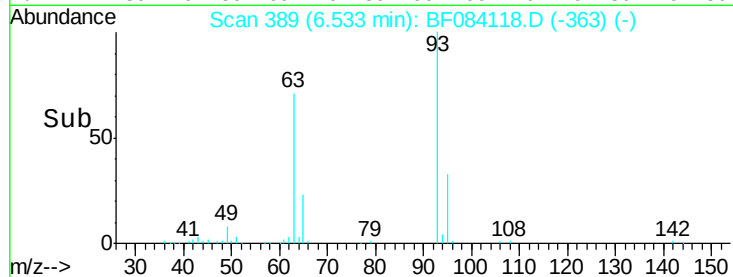
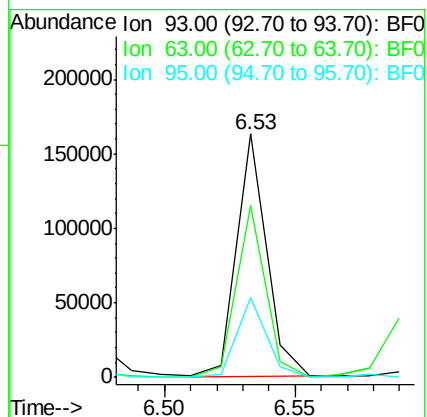
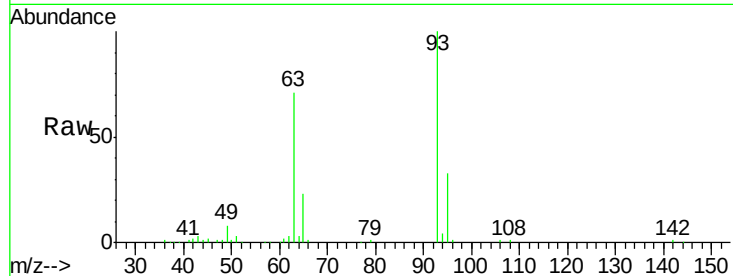
Tgt Ion: 93 Resp: 131844

Ion Ratio Lower Upper

93 100

63 70.8 45.9 85.9

95 32.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.37 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

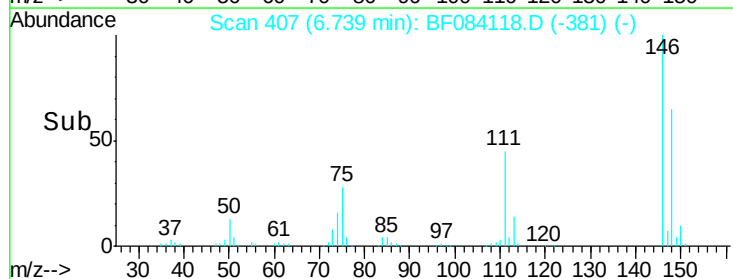
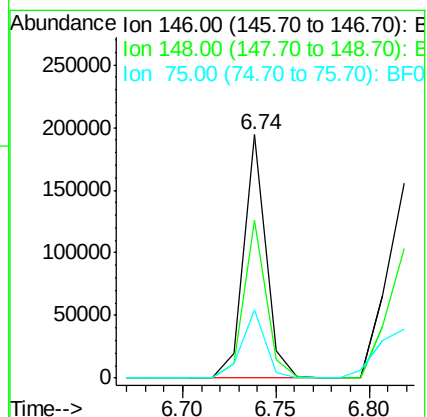
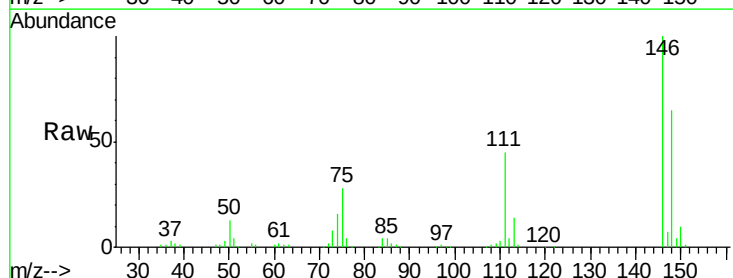
Tgt Ion: 146 Resp: 163099

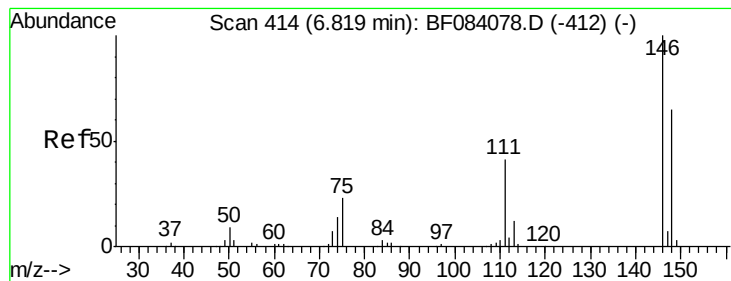
Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

75 28.1 20.5 30.7

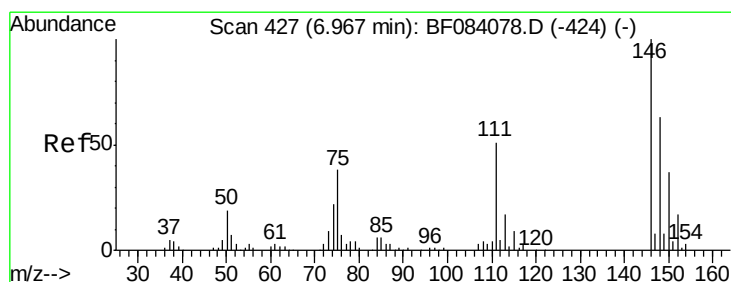
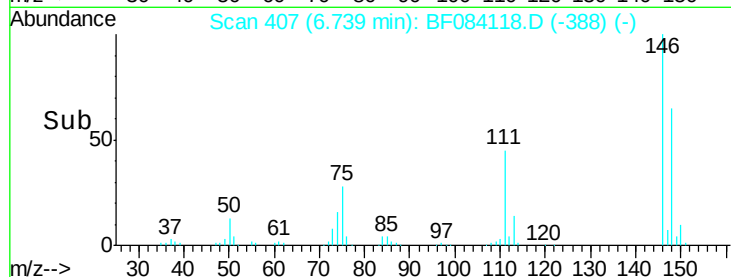
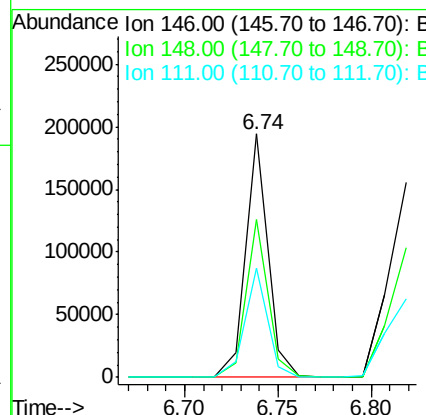
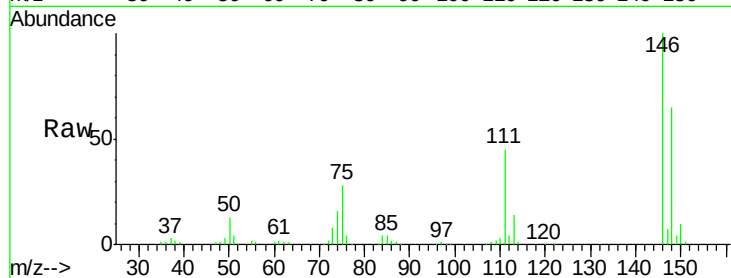




#13
 1,4-Dichlorobenzene
 Concen: 39.12 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.08 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

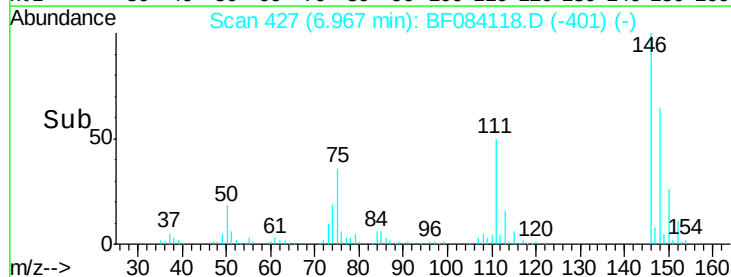
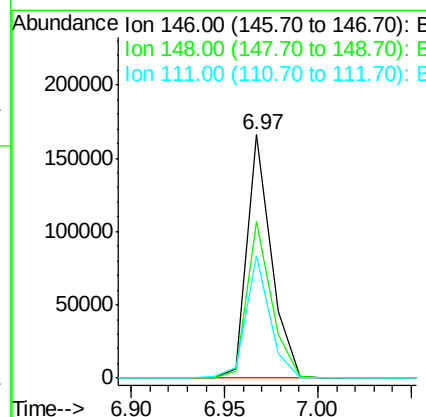
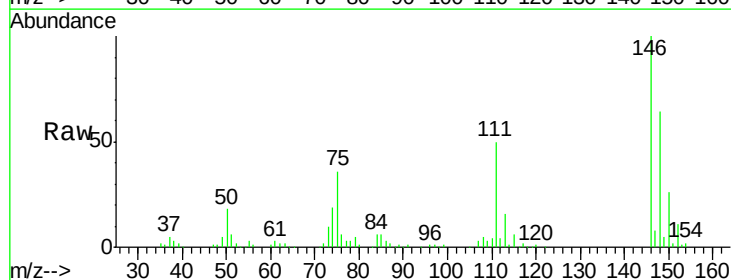
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

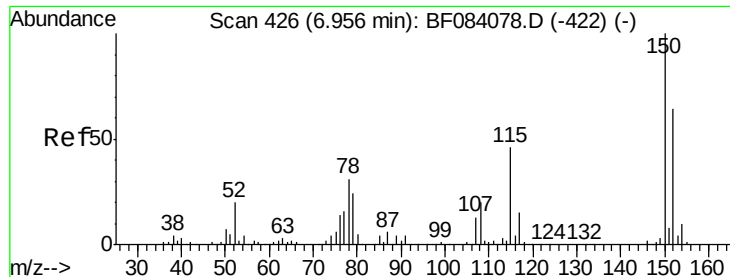
Tgt Ion:146 Resp: 163099
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 44.6 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 39.21 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion:146 Resp: 150640
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.6 77.4
 111 49.9 38.0 57.0

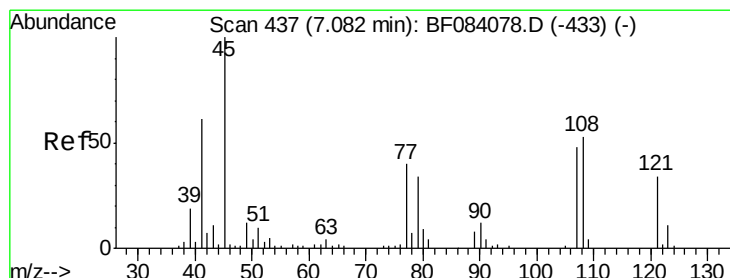
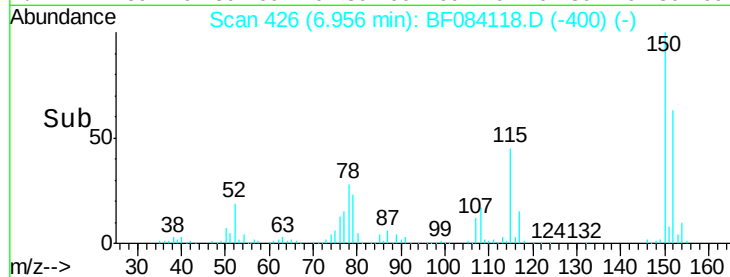
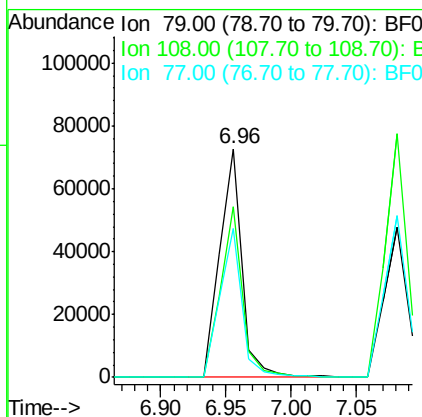
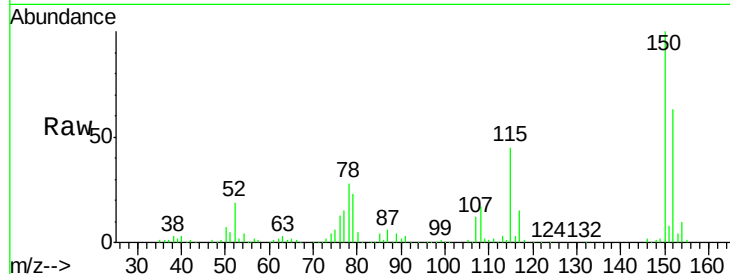




#15
Benzyl Alcohol
Concen: 30.40 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

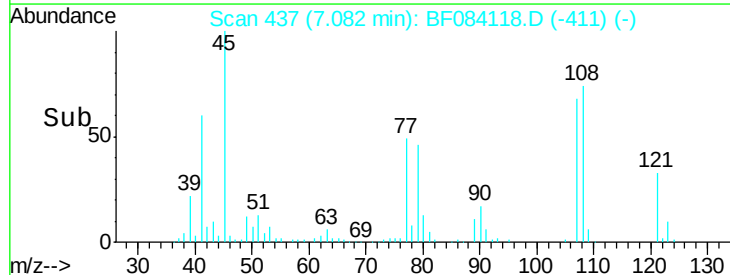
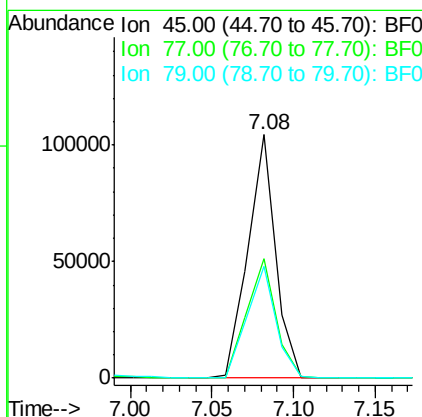
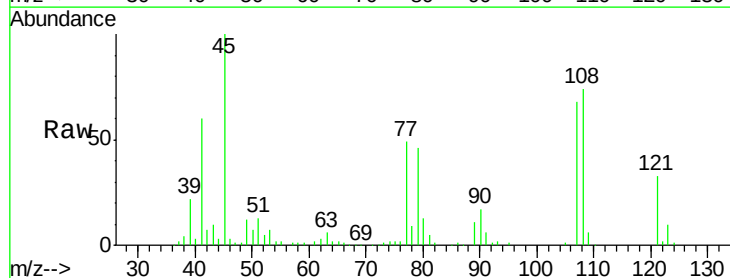
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MSD

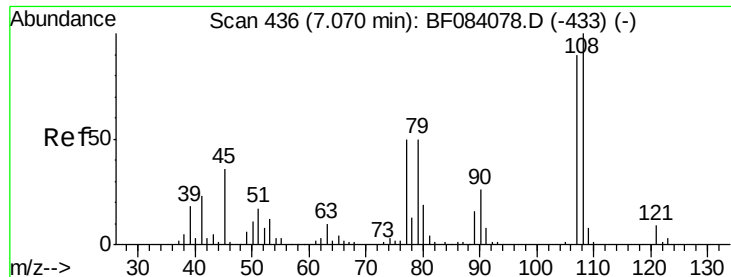
Tgt Ion: 79 Resp: 87035
Ion Ratio Lower Upper
79 100
108 74.7 69.0 103.4
77 65.1 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.33 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Tgt Ion: 45 Resp: 122872
Ion Ratio Lower Upper
45 100
77 49.2 0.0 39.6#
79 45.9 0.0 35.0#





#17

2-Methylphenol

Concen: 29.08 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.01 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

Tgt Ion:107 Resp: 84741

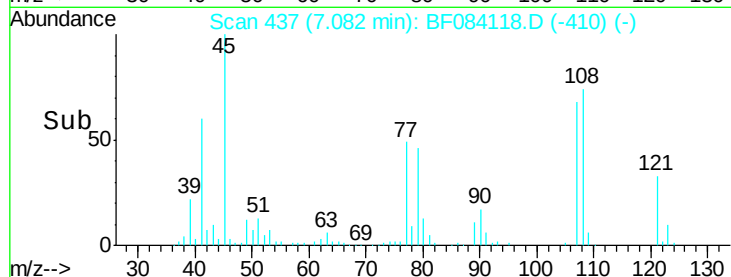
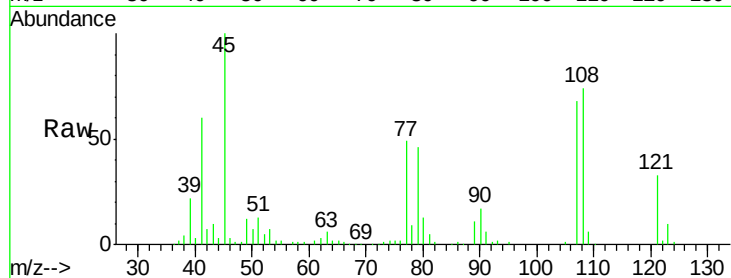
Ion Ratio Lower Upper

107 100

108 109.2 89.8 134.6

77 72.3 35.7 53.5#

79 67.6 35.7 53.5#



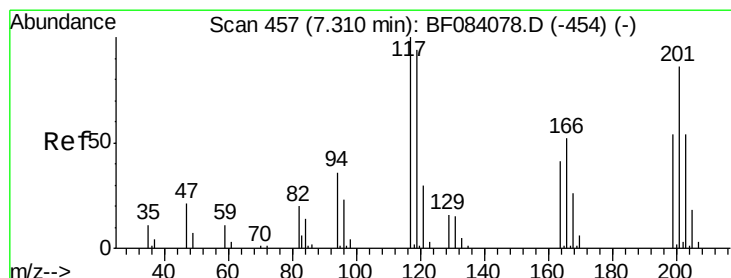
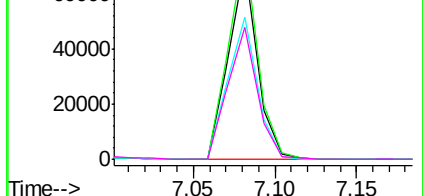
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 39.12 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

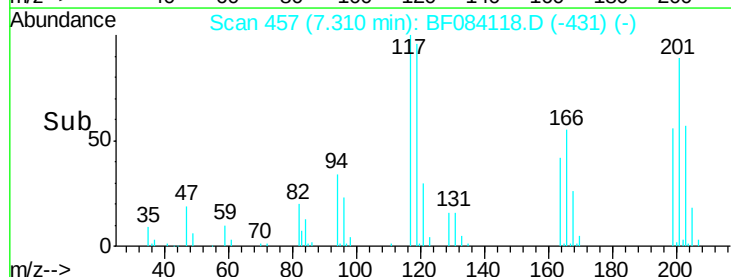
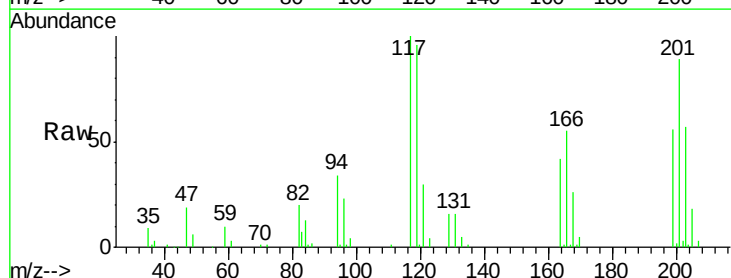
Tgt Ion:117 Resp: 59515

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

201 89.3 68.6 103.0

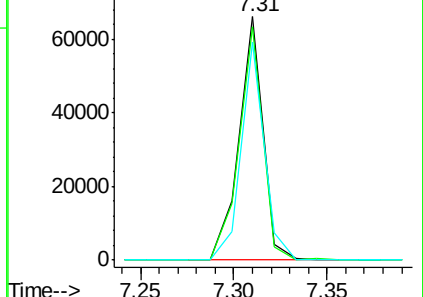


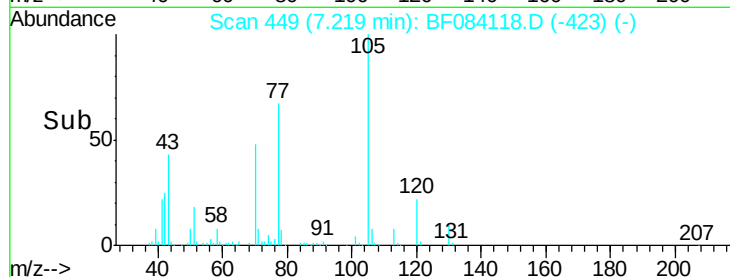
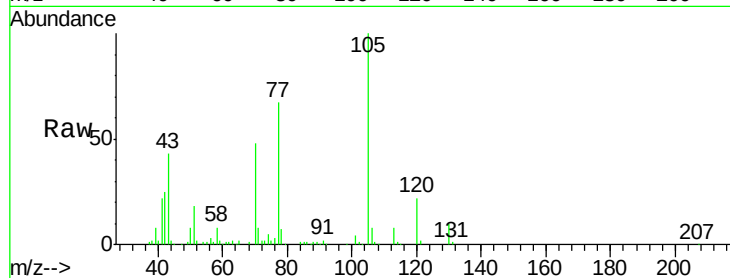
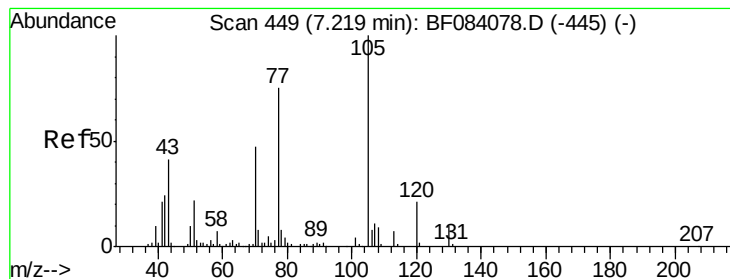
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 40.97 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

Tgt Ion: 70 Resp: 95408

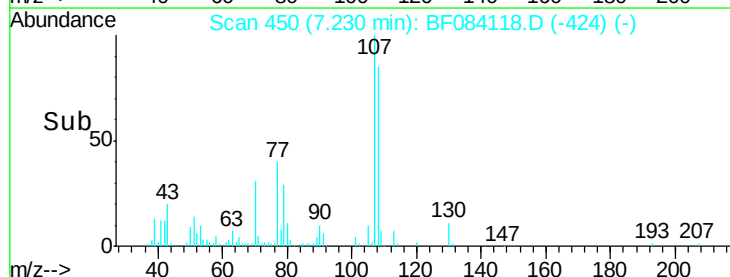
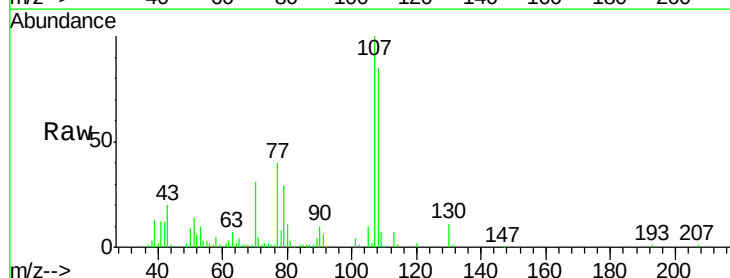
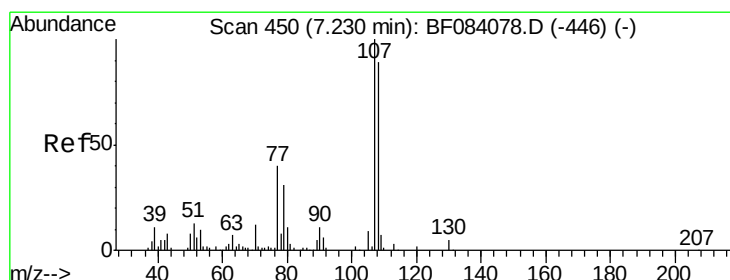
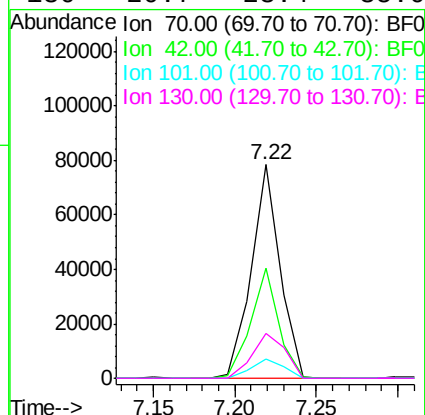
Ion Ratio Lower Upper

70 100

42 51.8 33.3 49.9#

101 9.3 9.3 13.9#

130 20.7 23.4 35.0#



#20

3+4-Methylphenols

Concen: 28.47 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Tgt Ion: 107 Resp: 105823

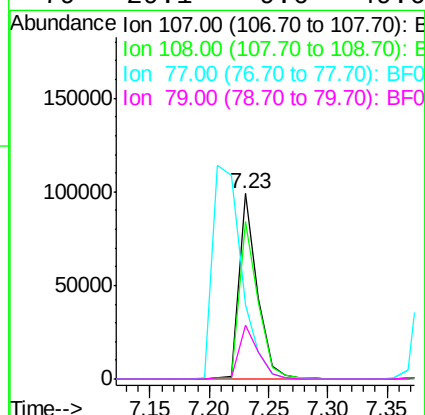
Ion Ratio Lower Upper

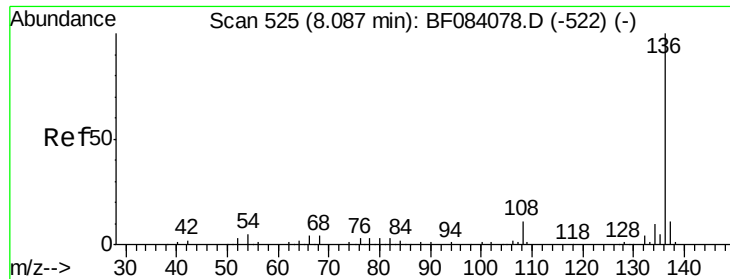
107 100

108 84.7 64.1 104.1

77 39.8 128.9 168.9#

79 29.1 9.6 49.6

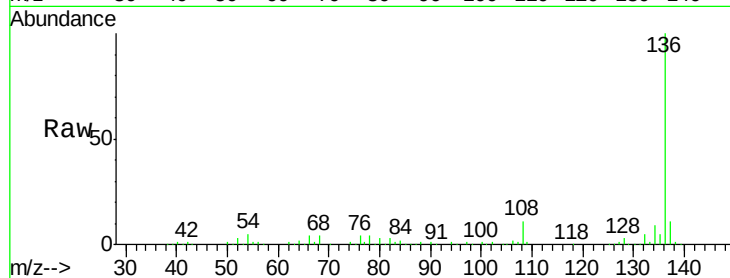




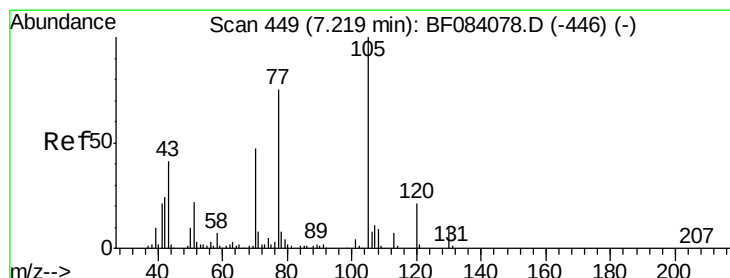
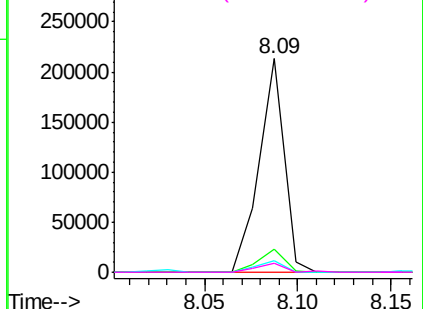
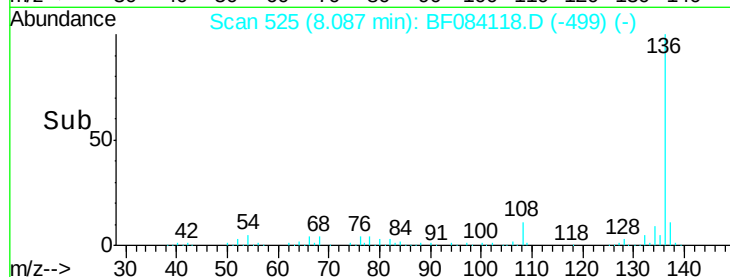
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MSD

Tgt Ion:	136	Resp:	197417
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	5.4	5.8	8.8#
68	4.0	4.2	6.2#

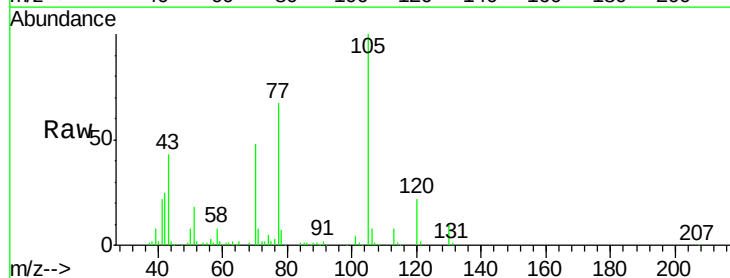


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

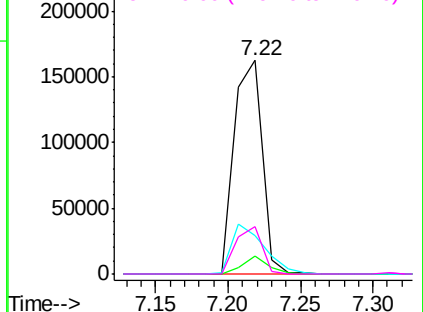
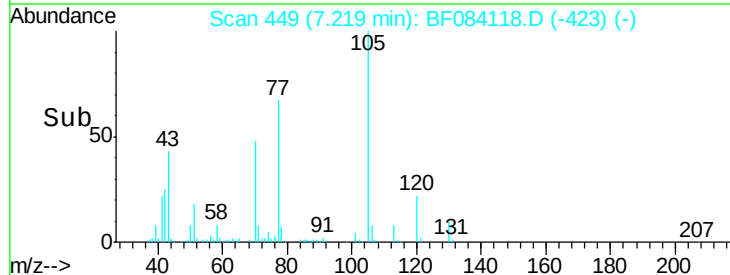


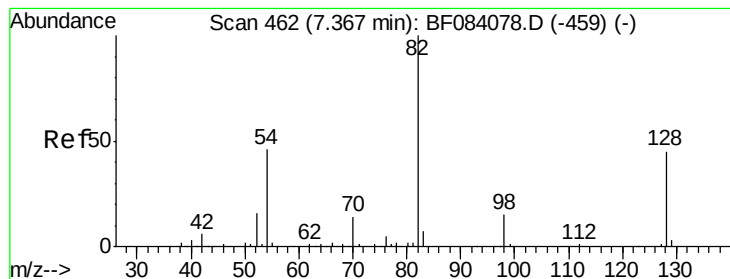
#22
Acetophenone
Concen: 44.08 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Tgt Ion:	105	Resp:	217438
Ion Ratio	Lower	Upper	
105	100		
71	8.1	3.7	5.5#
51	18.2	25.1	37.7#
120	21.9	16.6	25.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.44 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

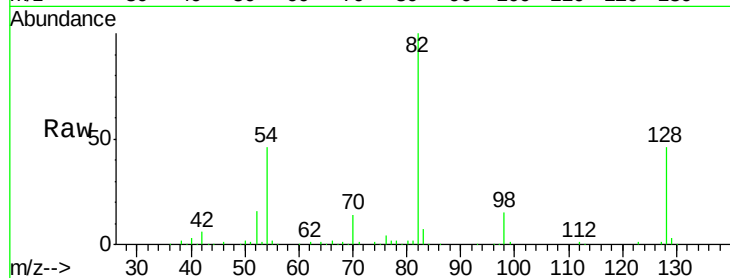
Tgt Ion: 82 Resp: 294902

Ion Ratio Lower Upper

82 100

128 45.8 34.6 51.8

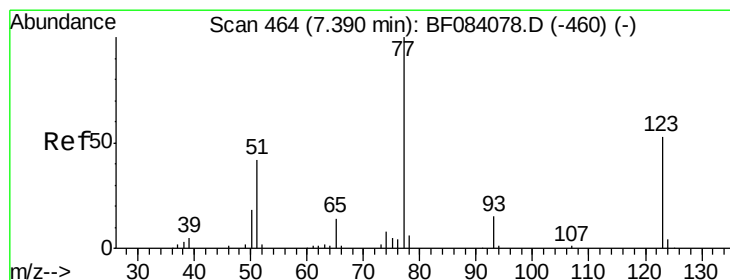
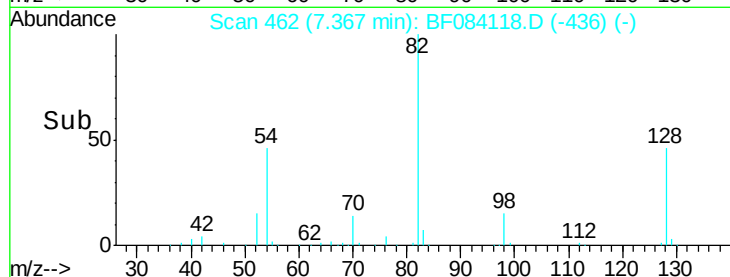
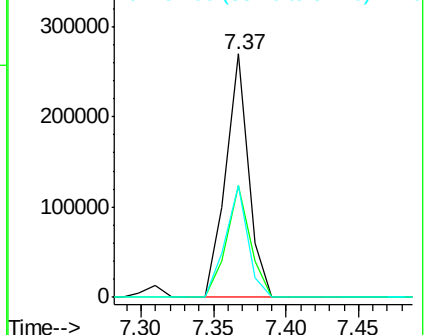
54 46.2 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 46.12 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

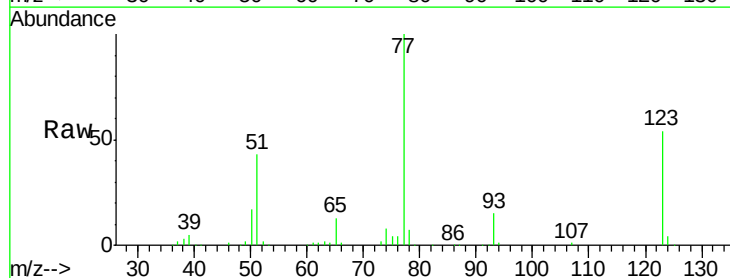
Tgt Ion: 77 Resp: 165158

Ion Ratio Lower Upper

77 100

123 54.2 37.4 56.2

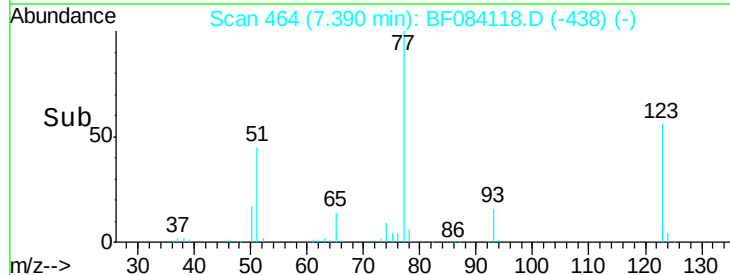
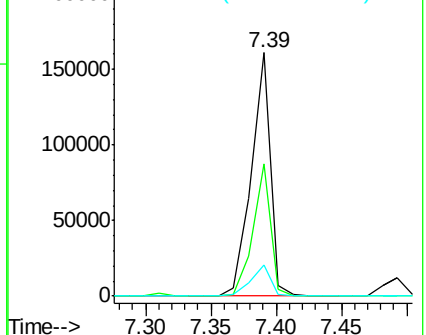
65 13.0 10.9 16.3

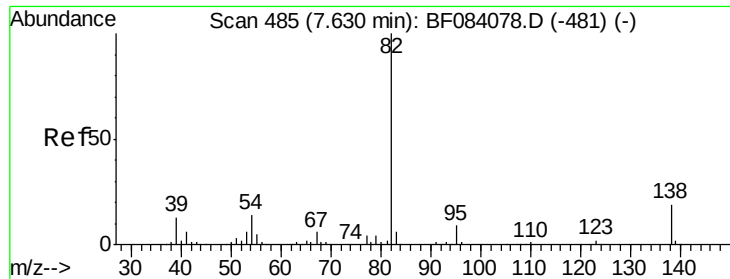


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.42 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

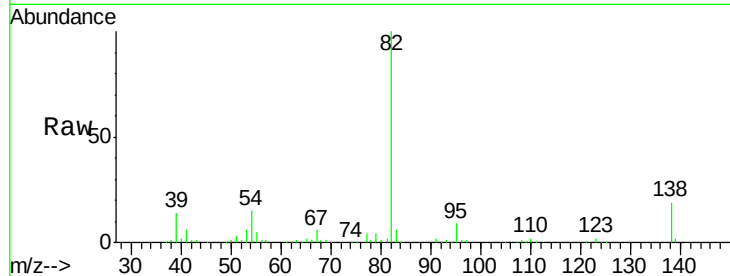
Tgt Ion: 82 Resp: 283339

Ion Ratio Lower Upper

82 100

95 8.5 6.6 10.0

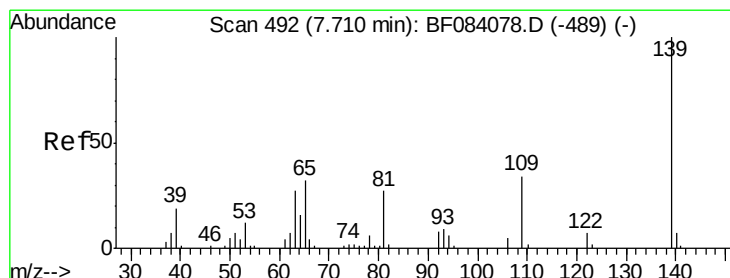
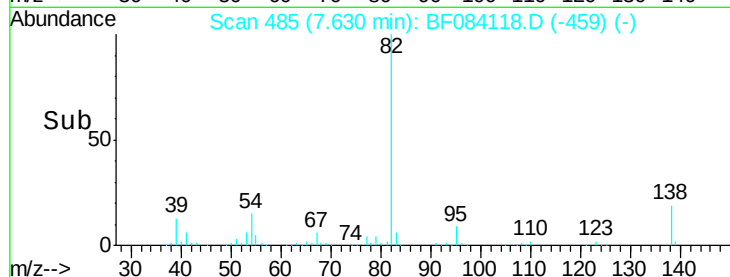
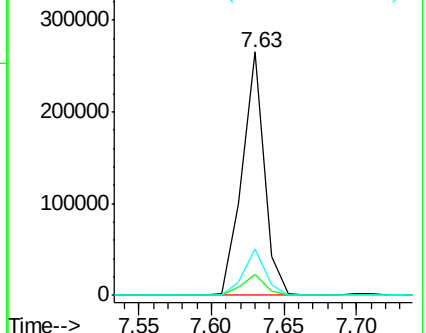
138 18.9 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.33 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

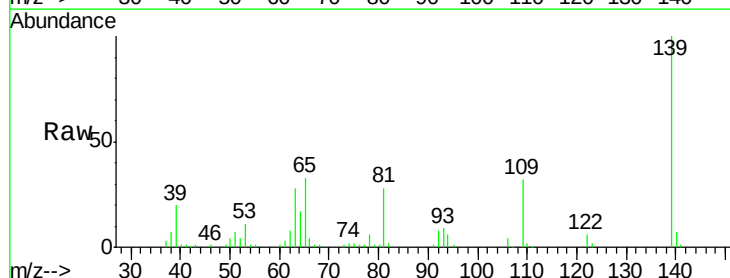
Tgt Ion: 139 Resp: 83067

Ion Ratio Lower Upper

139 100

109 32.1 25.4 38.2

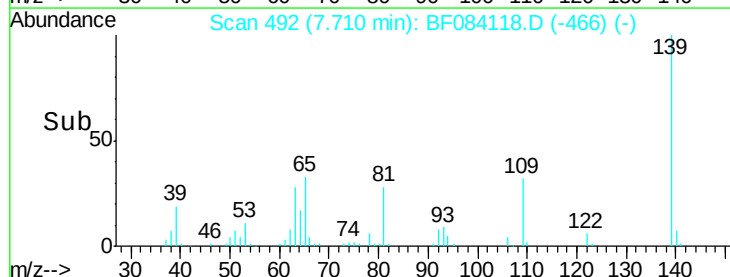
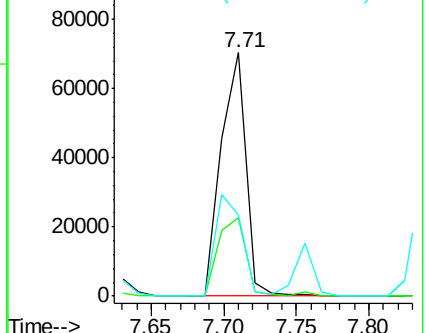
65 33.4 32.3 48.5

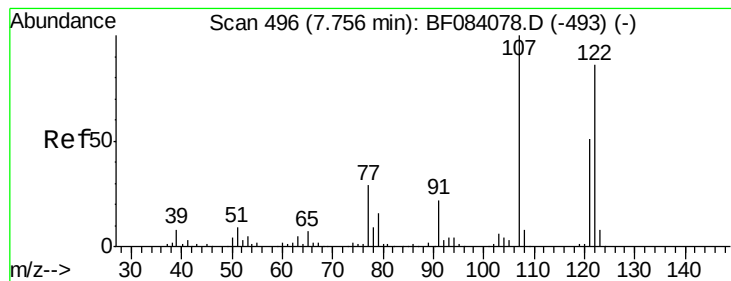


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.69 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

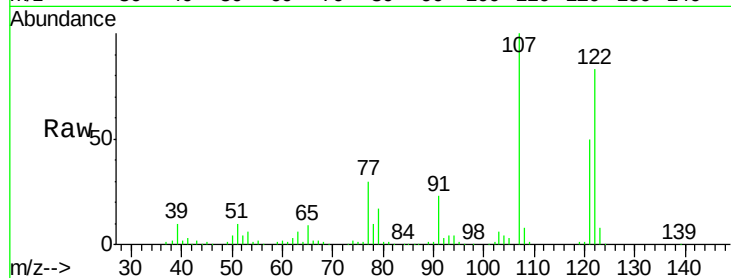
Tgt Ion: 122 Resp: 126805

Ion Ratio Lower Upper

122 100

107 120.5 99.1 148.7

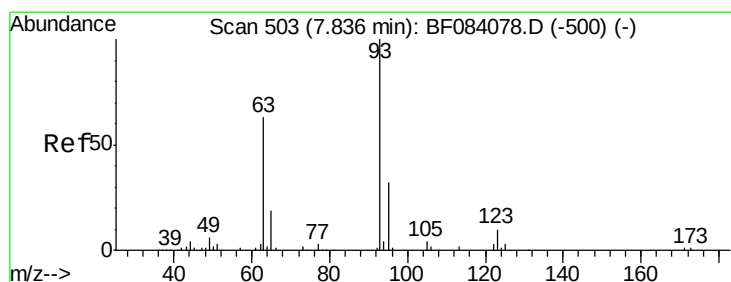
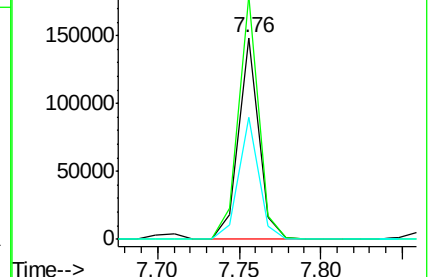
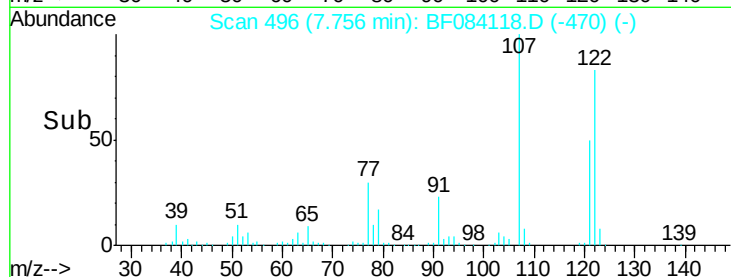
121 60.1 47.9 71.9



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: 43.72 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

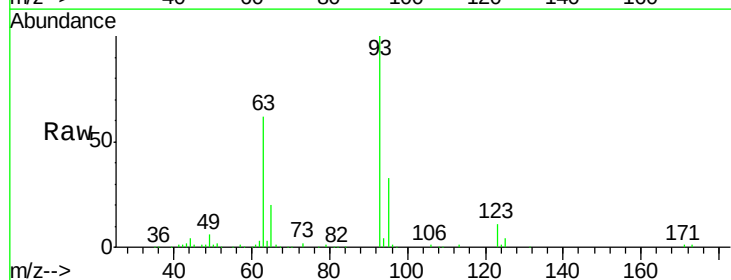
Tgt Ion: 93 Resp: 159032

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

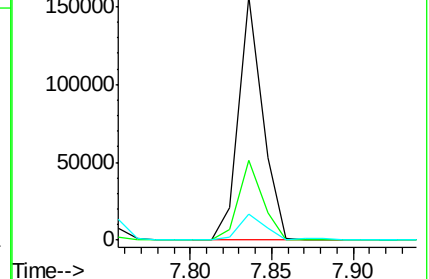
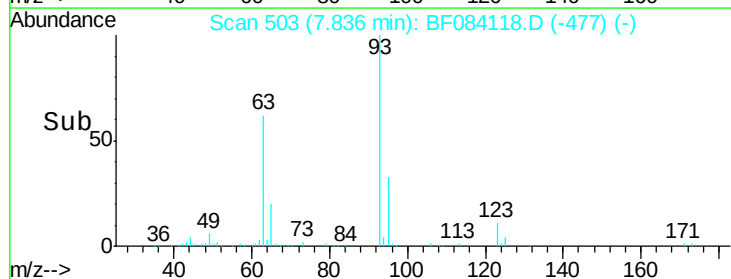
123 10.8 8.6 12.8

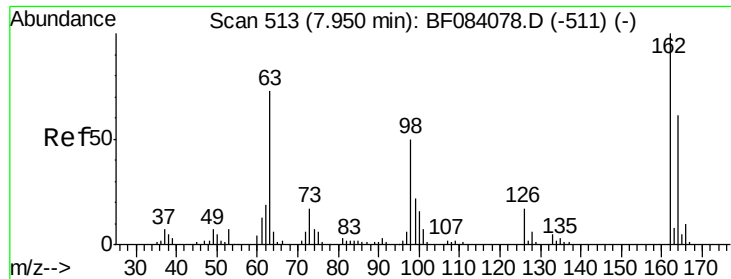


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

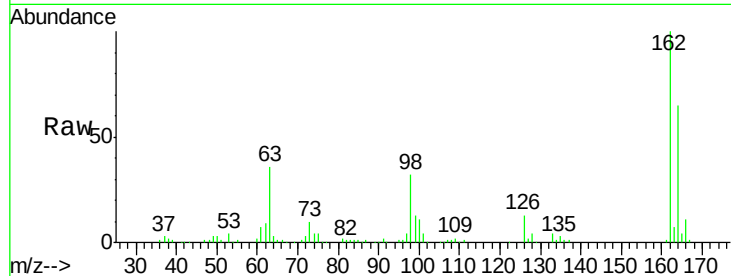




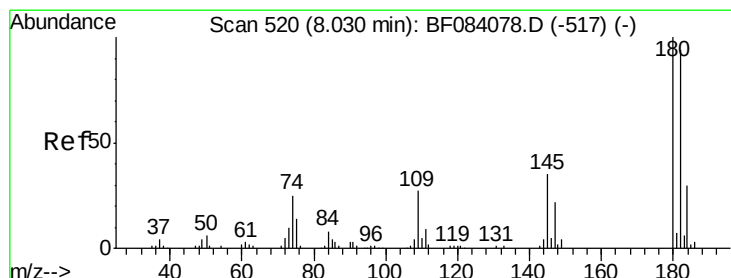
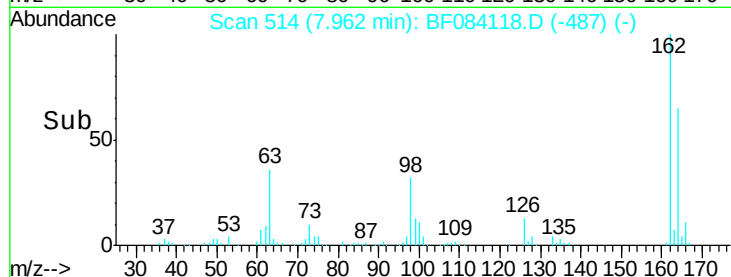
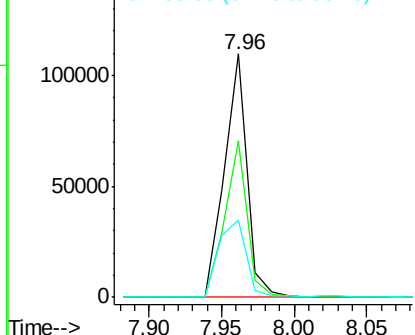
#29
2,4-Dichlorophenol
Concen: 41.83 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.01 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.1	84.1
98	31.9	20.2	60.2

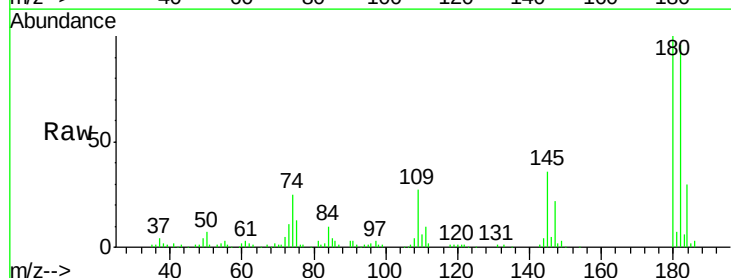


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BFO

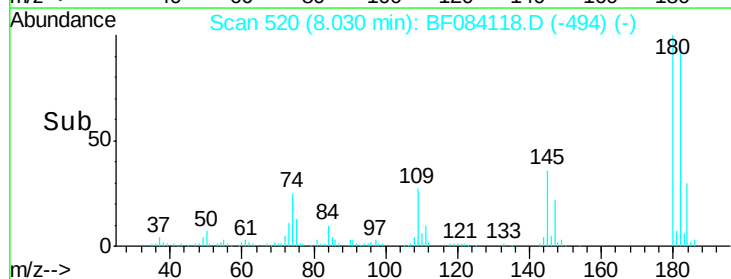
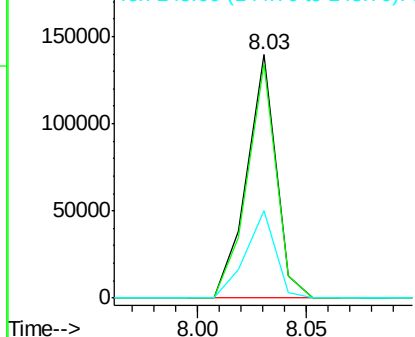


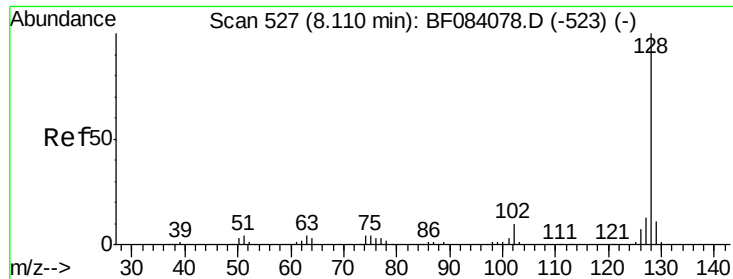
#30
1,2,4-Trichlorobenzene
Concen: 42.28 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	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

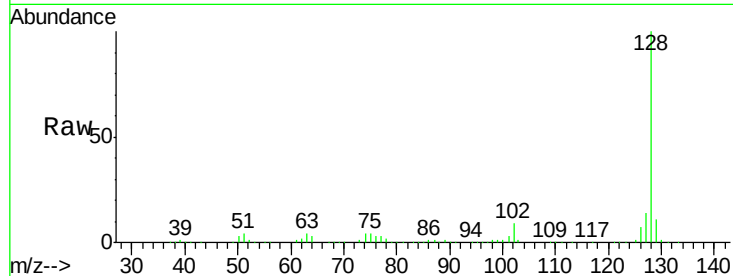




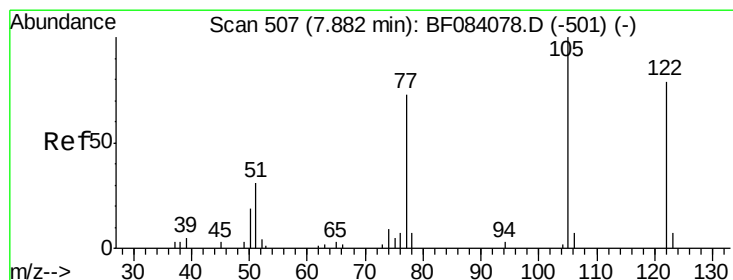
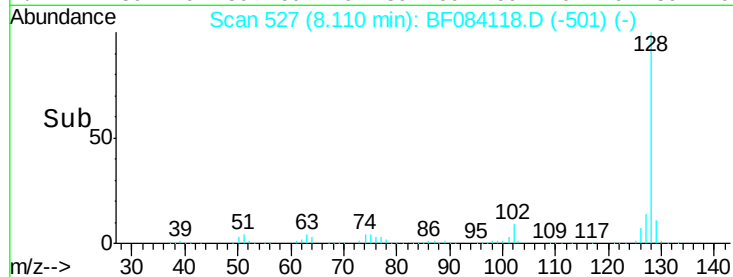
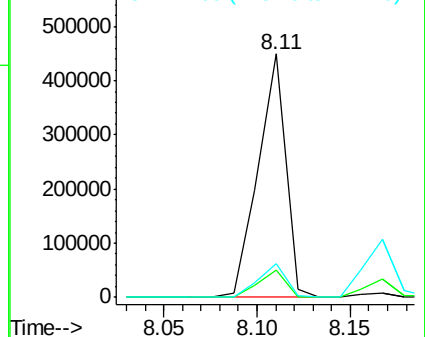
#31
Naphthalene
Concen: 43.86 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MSD

Tgt Ion:128 Resp: 460640
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.7 11.1 16.7

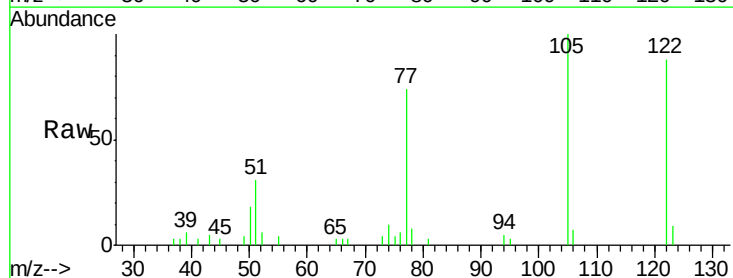


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

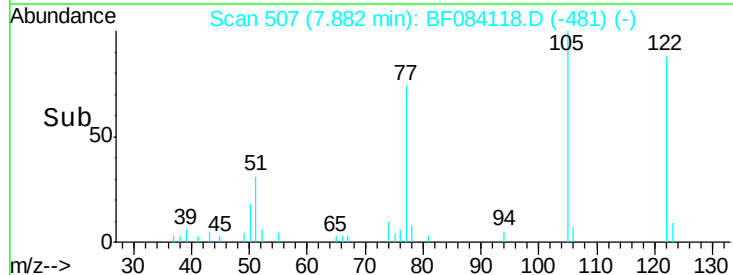
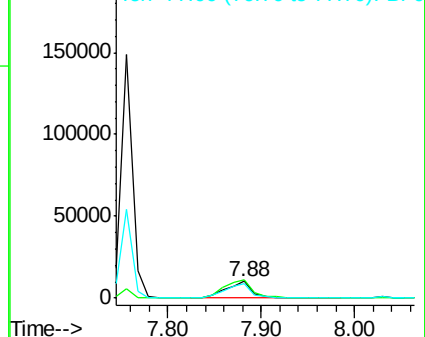


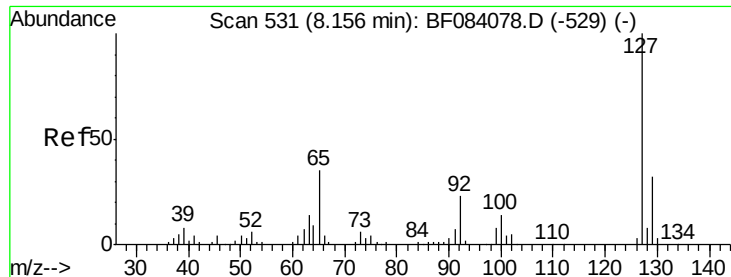
#32
Benzoic acid
Concen: 14.36 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Tgt Ion:122 Resp: 20949
Ion Ratio Lower Upper
122 100
105 114.0 100.3 140.3
77 84.0 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

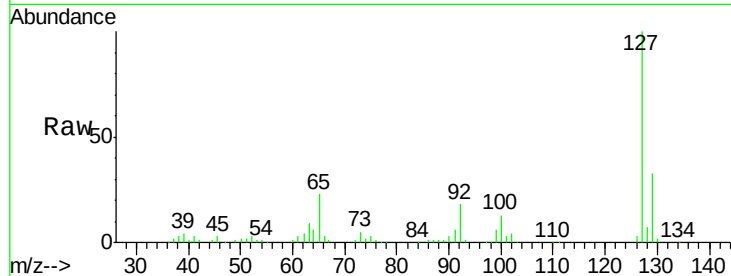




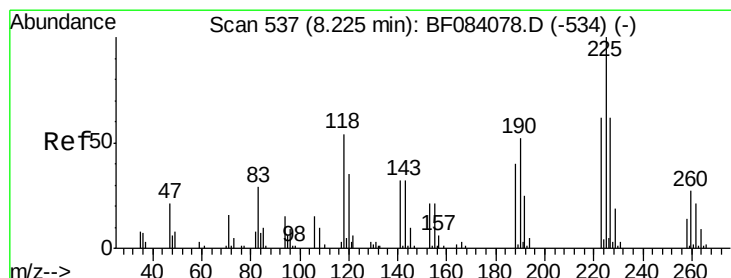
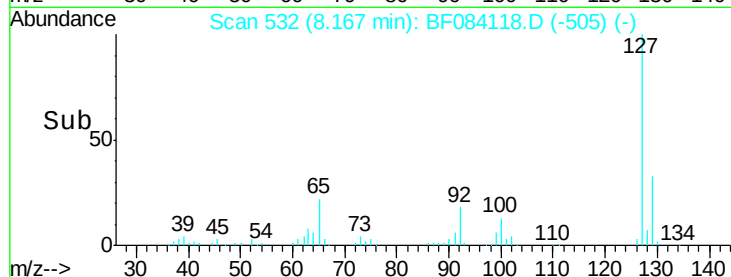
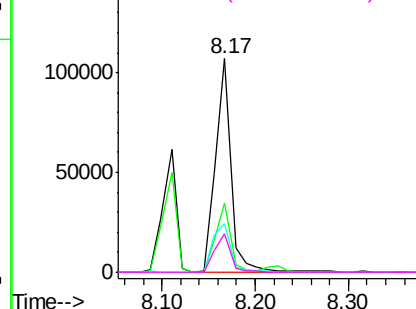
#33
4-Chloroaniline
Concen: 29.69 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MSD

Tgt Ion:	127	Resp:	124091
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	22.8	27.2	40.8#
92	18.3	17.7	26.5

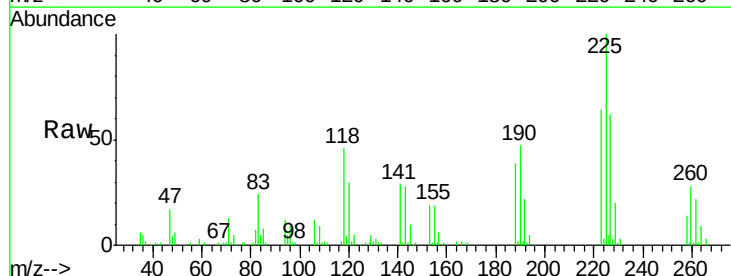


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

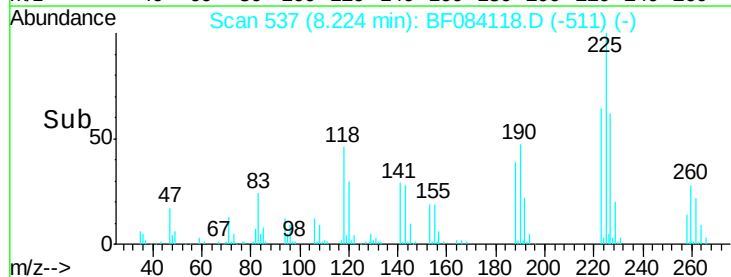
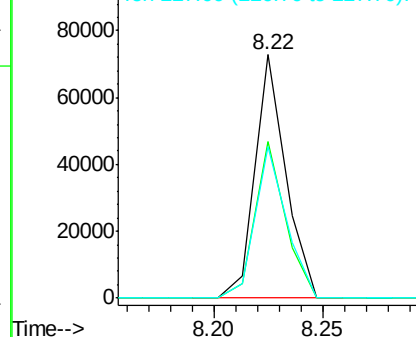


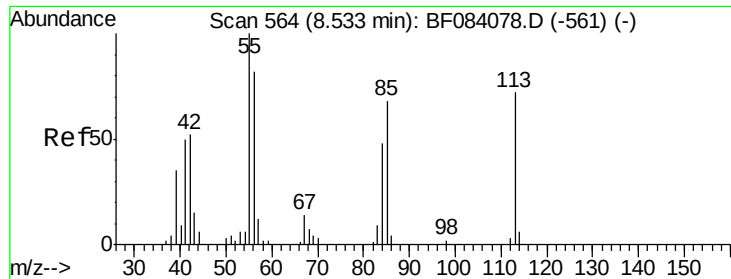
#34
Hexachlorobutadiene
Concen: 40.48 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Tgt Ion:	225	Resp:	71472
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.0
227	62.4	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

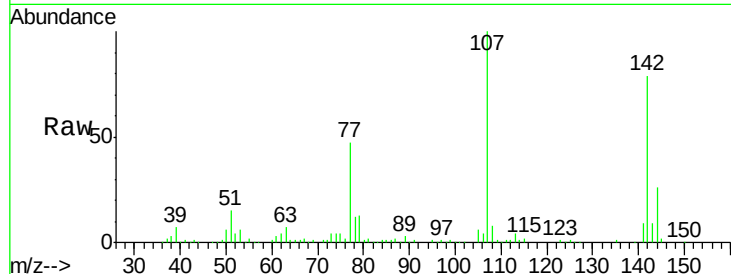




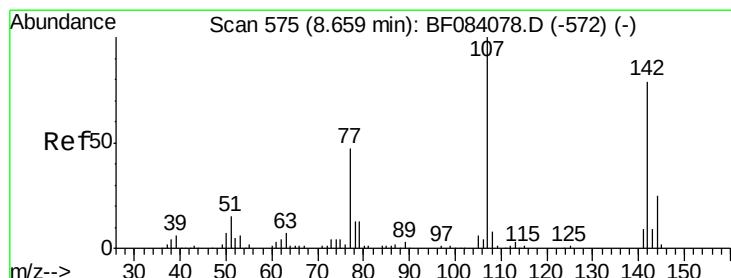
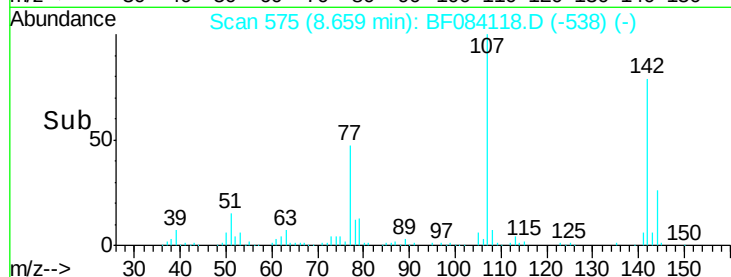
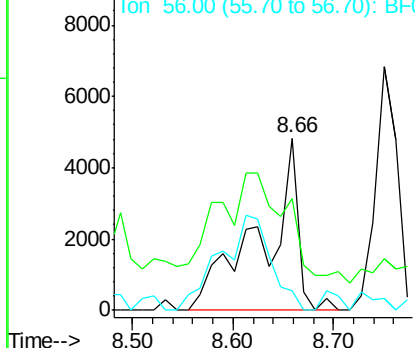
#35
 Caprolactam
 Concen: 15.50 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.13 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

Tgt Ion:113 Resp: 12144
 Ion Ratio Lower Upper
 113 100
 55 65.0 116.9 156.9#
 56 11.5 93.8 133.8#

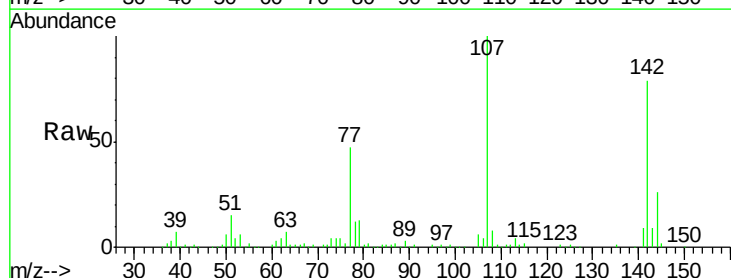


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

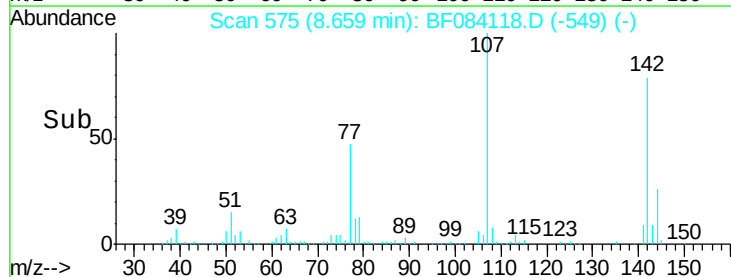
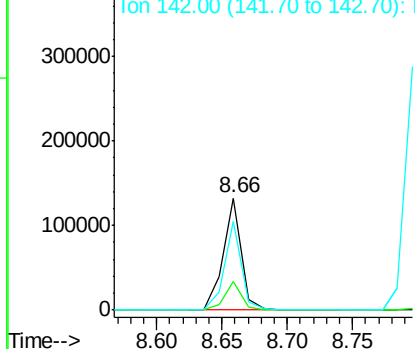


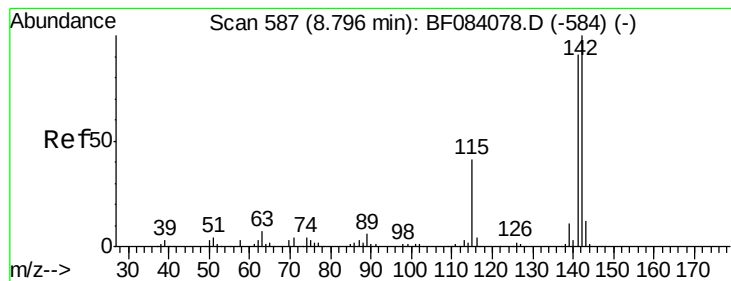
#36
 4-Chloro-3-methylphenol
 Concen: 40.96 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion:107 Resp: 130118
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.7 29.5
 142 79.3 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

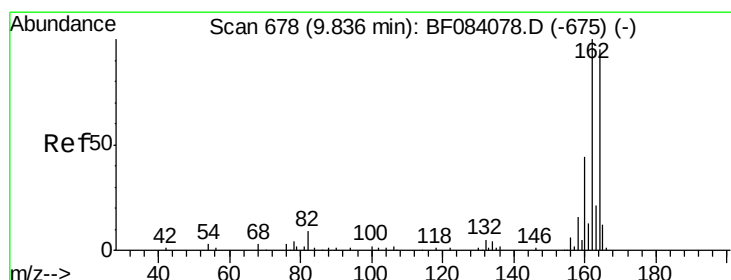
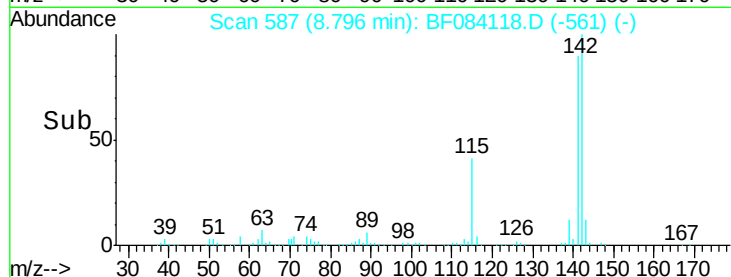
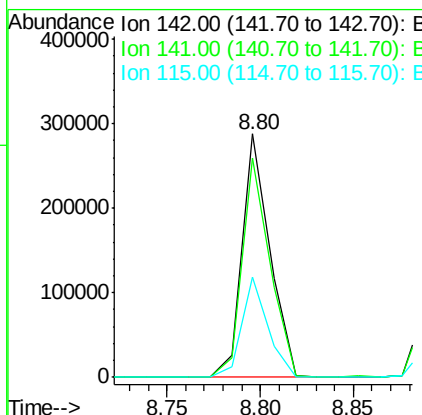
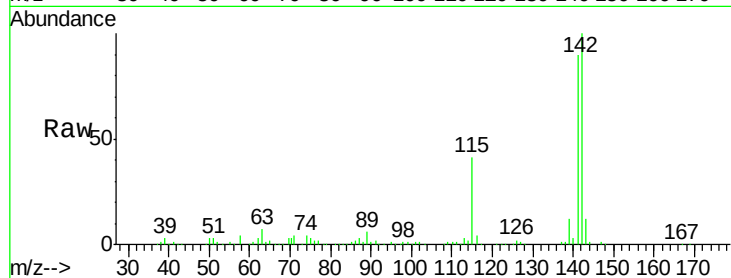




#37
 2-Methylnaphthalene
 Concen: 45.13 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

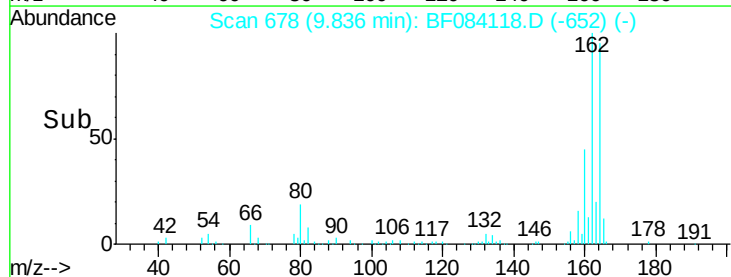
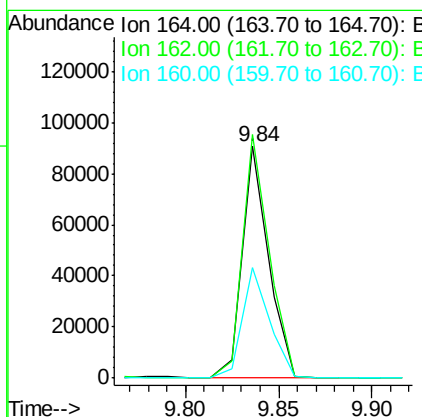
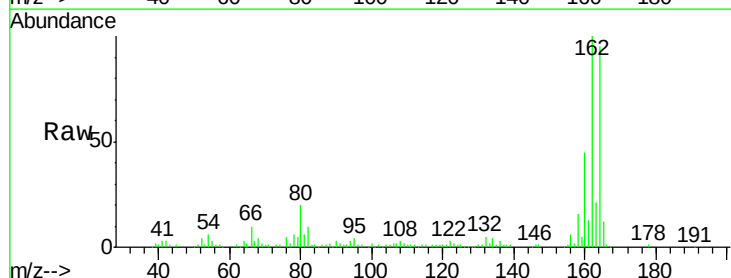
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

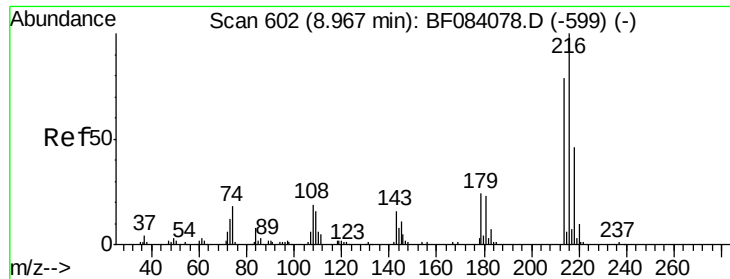
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.4	108.6
115	41.0	27.9	41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	47.6	37.5	56.3

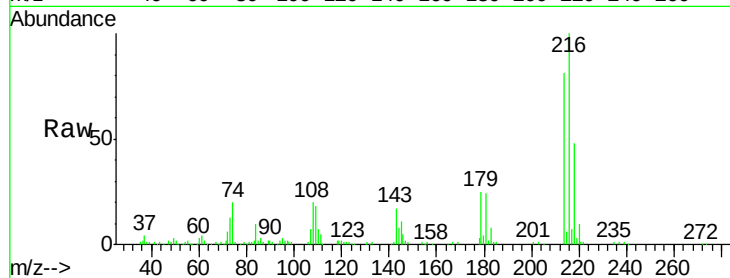




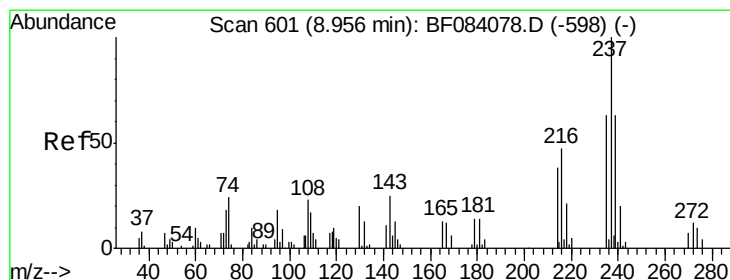
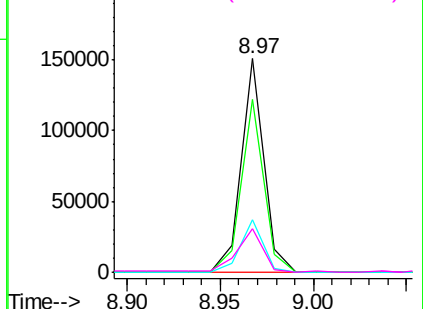
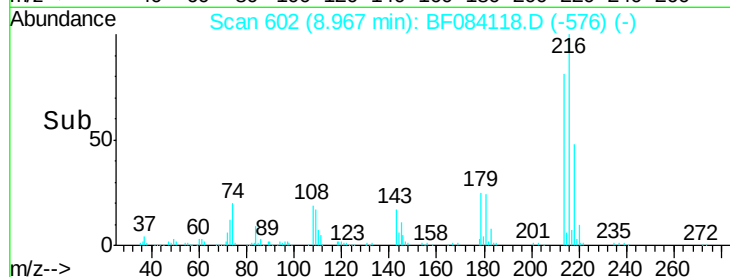
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.40 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

Tgt Ion:	216	Resp:	128012
Ion	Ratio	Lower	Upper
216	100		
214	80.5	64.2	96.2
179	24.7	18.7	28.1
108	22.1	16.8	25.2

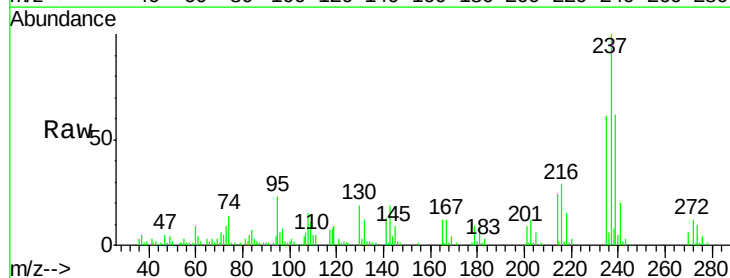


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

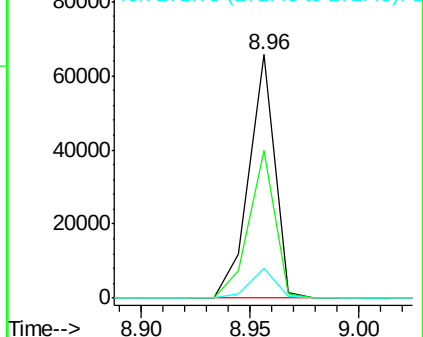
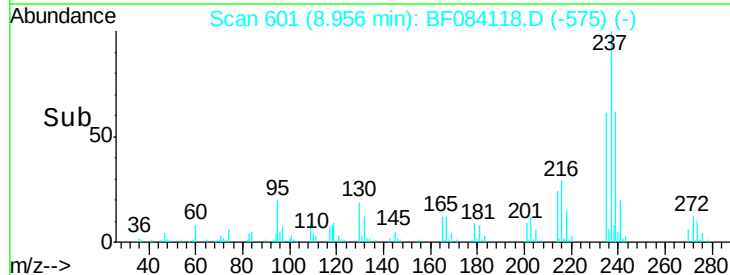


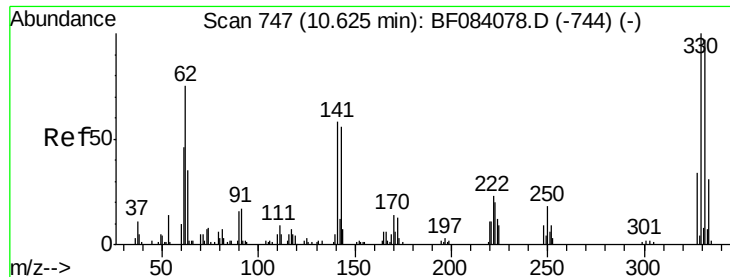
#40
 Hexachlorocyclopentadiene
 Concen: 69.94 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion:	237	Resp:	54454
Ion	Ratio	Lower	Upper
237	100		
235	60.5	43.1	83.1
272	12.4	0.0	35.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

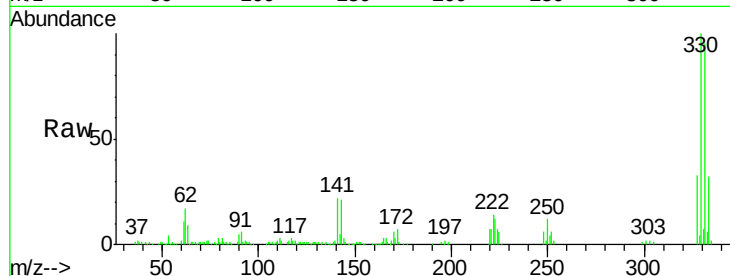




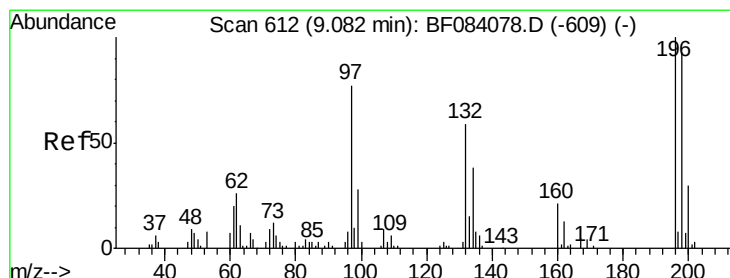
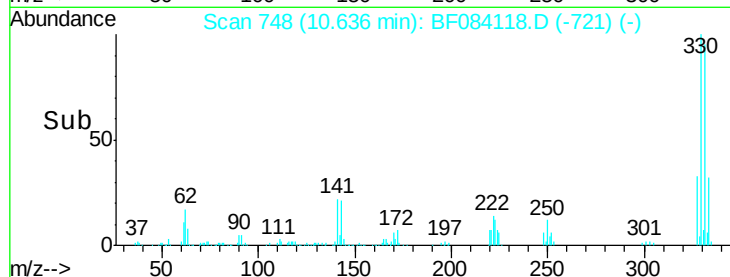
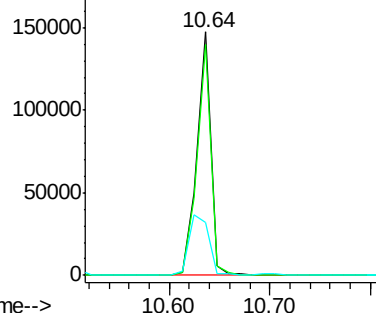
#41
 2,4,6-Tribromophenol
 Concen: 149.93 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	36.6	27.8	41.6

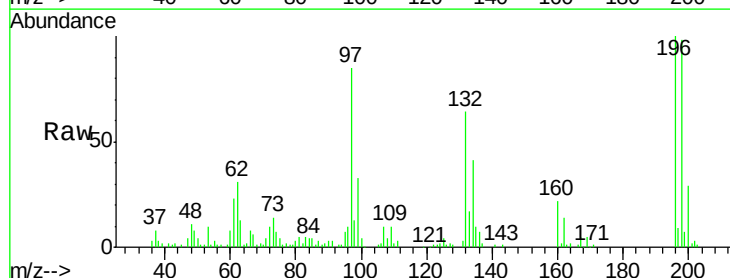


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

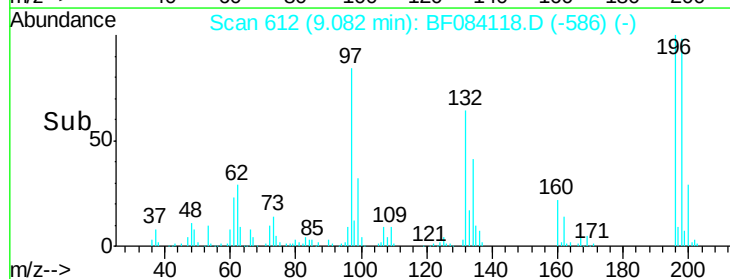
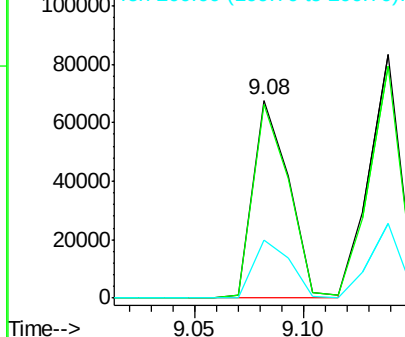


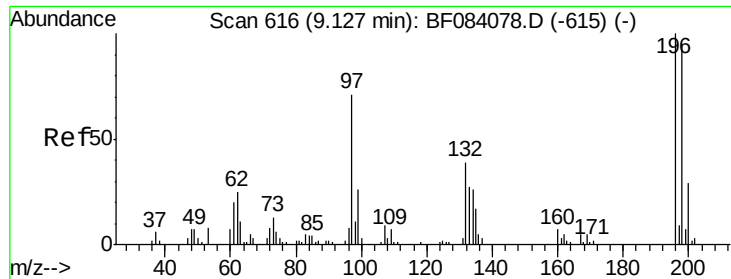
#42
 2,4,6-Trichlorophenol
 Concen: 42.22 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	77.7	116.5
200	29.2	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

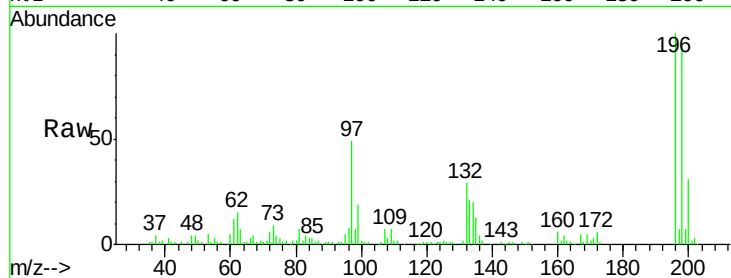




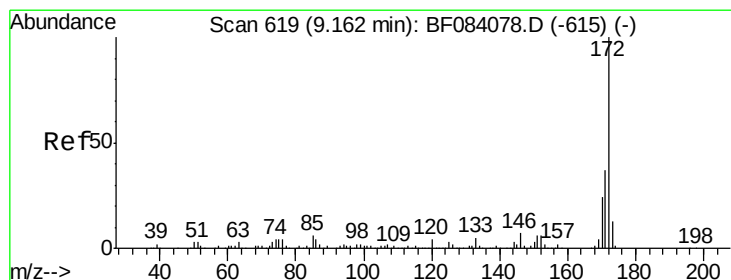
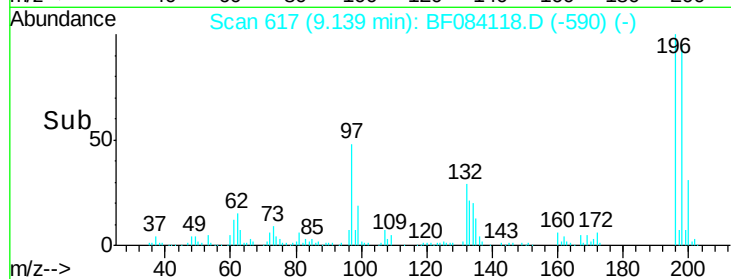
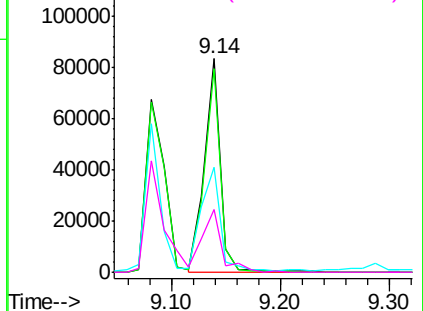
#43
 2,4,5-Trichlorophenol
 Concen: 46.91 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

Tgt Ion:	196	Resp:	86322
Ion	Ratio	Lower	Upper
196	100		
198	95.4	79.0	118.6
97	49.0	33.0	49.6
132	29.5	21.1	31.7

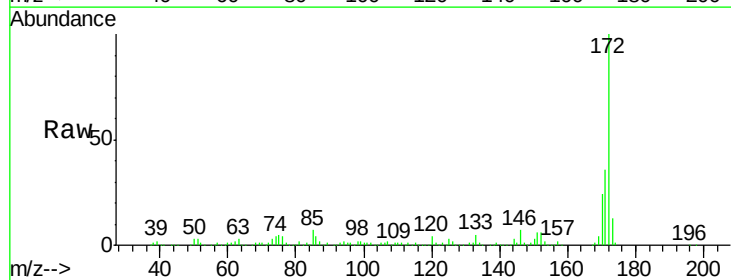


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

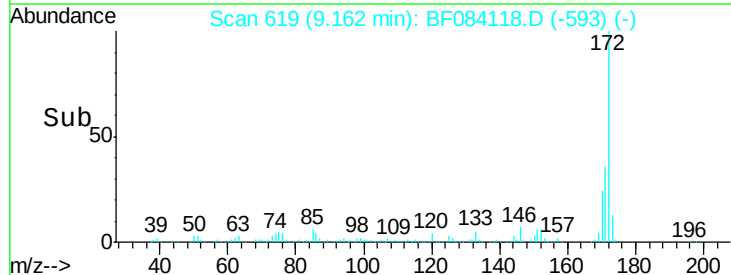
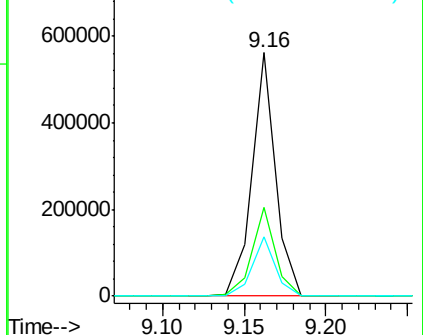


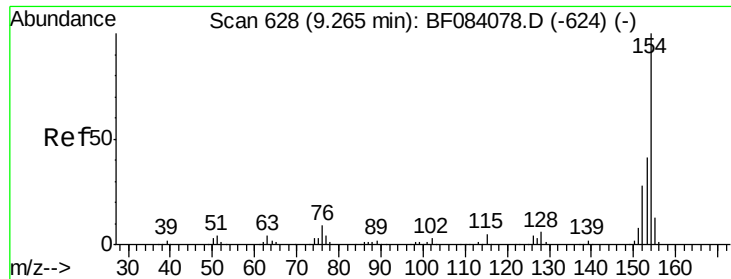
#44
 2-Fluorobiphenyl
 Concen: 85.96 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion:	172	Resp:	561851
Ion	Ratio	Lower	Upper
172	100		
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

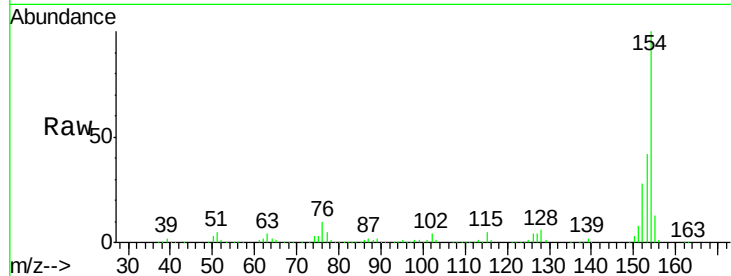




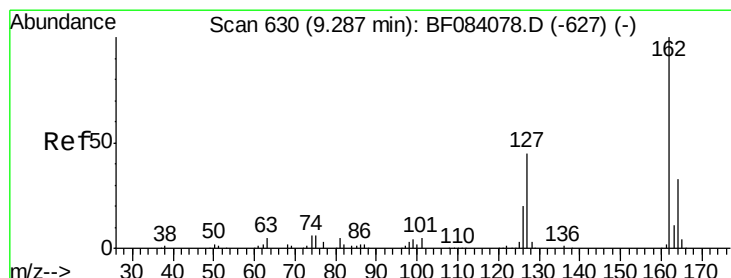
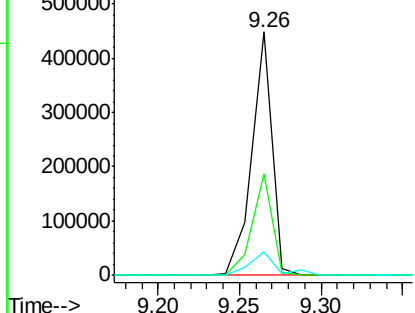
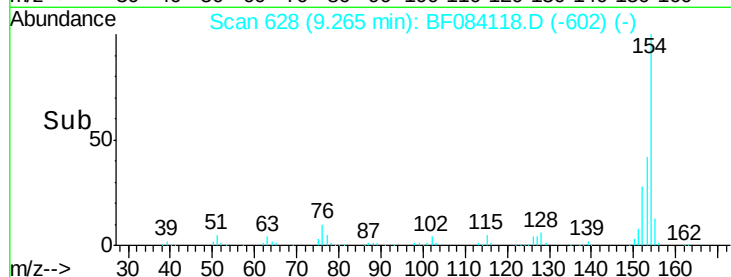
#45
 1,1'-Biphenyl
 Concen: 47.68 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

Tgt Ion:154 Resp: 385276
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.6 61.6
 76 9.8 0.0 32.7

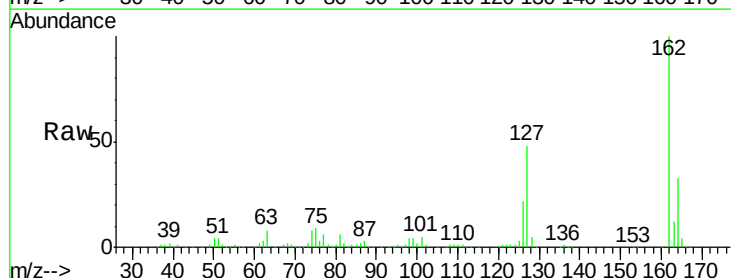


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

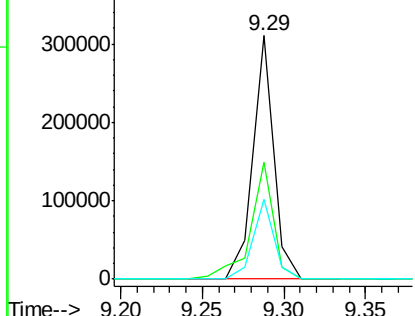
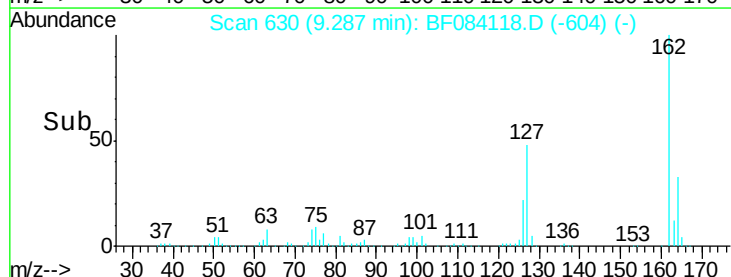


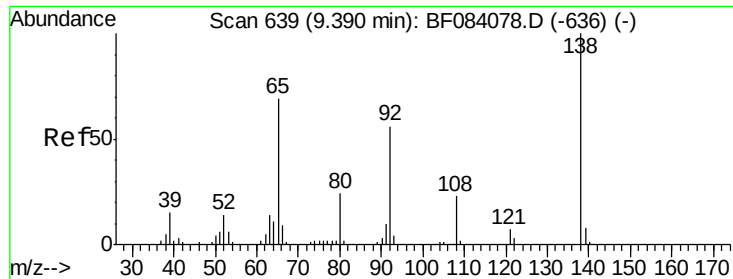
#46
 2-Chloronaphthalene
 Concen: 44.87 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion:162 Resp: 275632
 Ion Ratio Lower Upper
 162 100
 127 47.9 40.2 60.4
 164 32.5 25.7 38.5



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

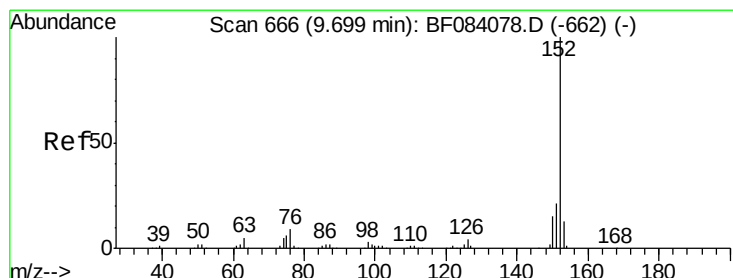
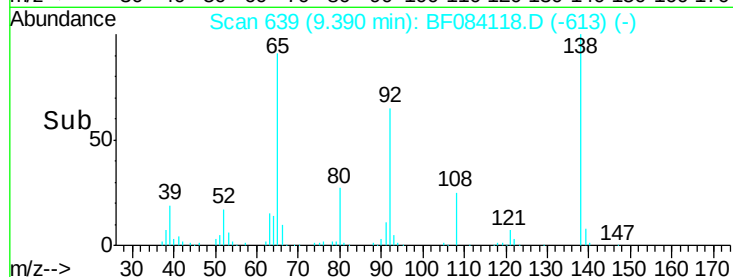
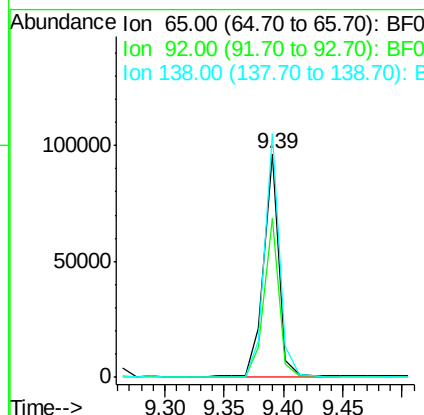
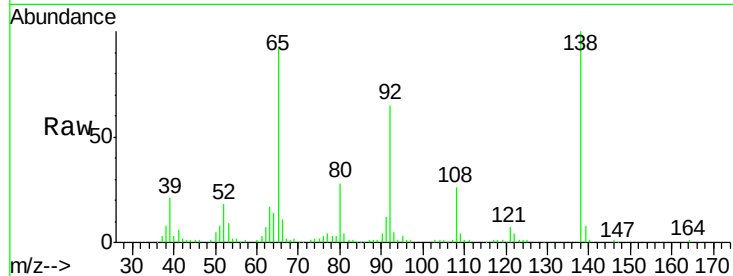




#47
2-Nitroaniline
Concen: 52.98 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

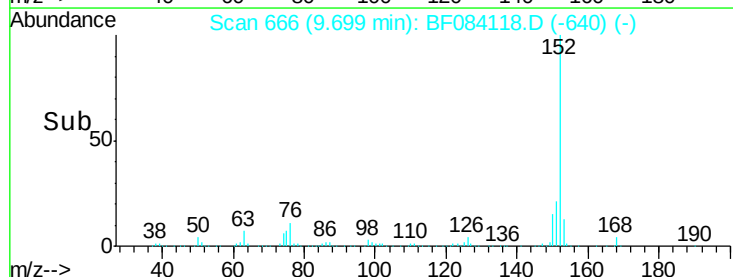
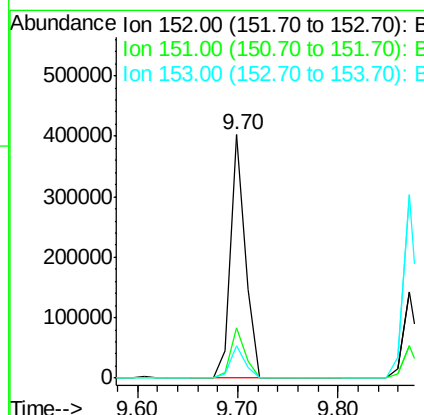
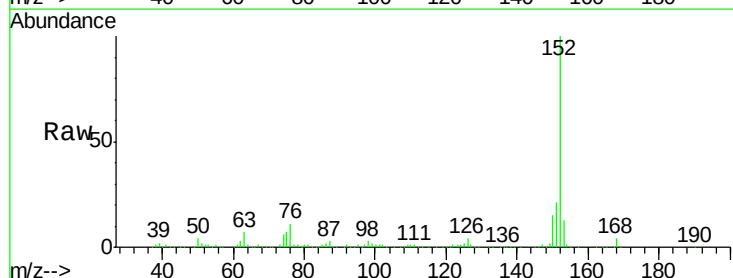
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MSD

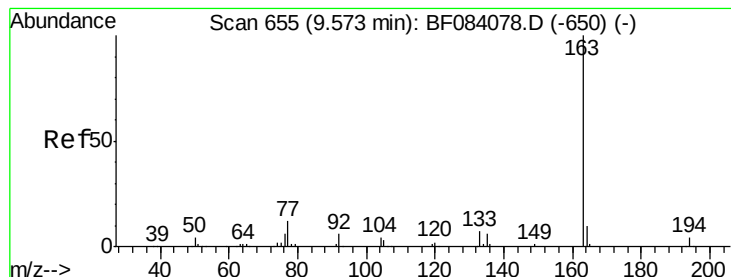
Tgt Ion: 65 Resp: 86468
Ion Ratio Lower Upper
65 100
92 71.1 53.4 80.2
138 108.9 71.1 106.7#



#48
Acenaphthylene
Concen: 40.70 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Tgt Ion: 152 Resp: 410587
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.4 10.4 15.6





#49

Dimethylphthalate

Concen: 49.34 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

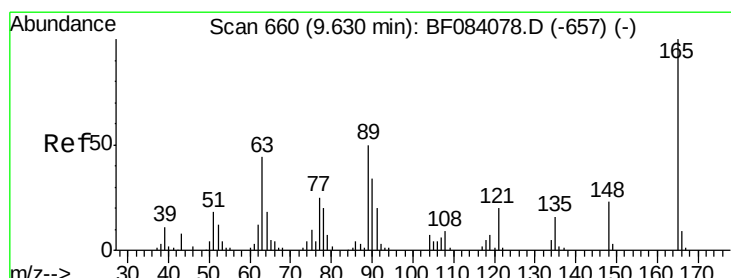
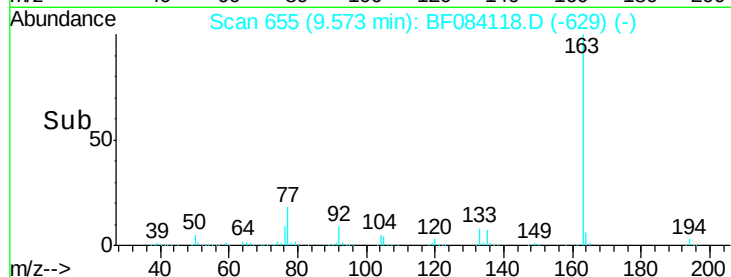
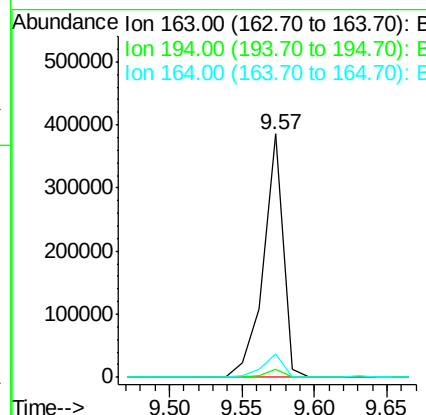
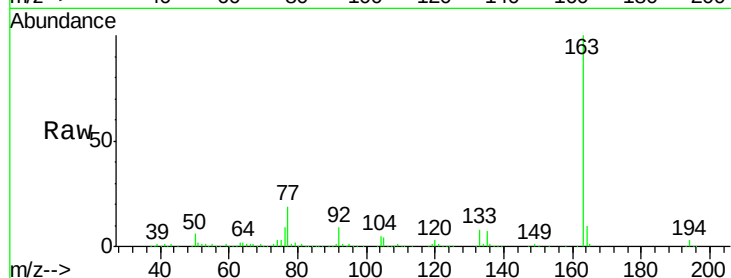
Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

Tgt Ion:	163	Resp:	365431
Ion Ratio	Lower	Upper	
163	100		
194	3.3	8.0	12.0#
164	9.8	8.0	12.0



#50

2,6-Dinitrotoluene

Concen: 44.57 ng

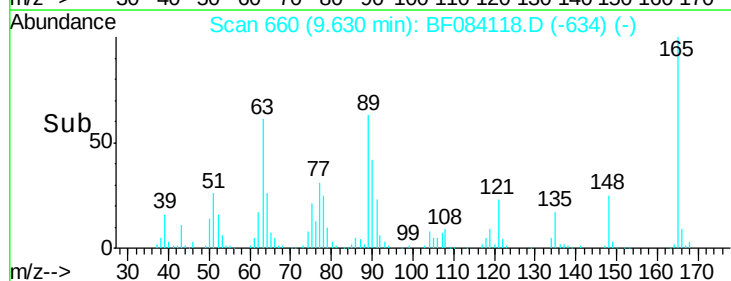
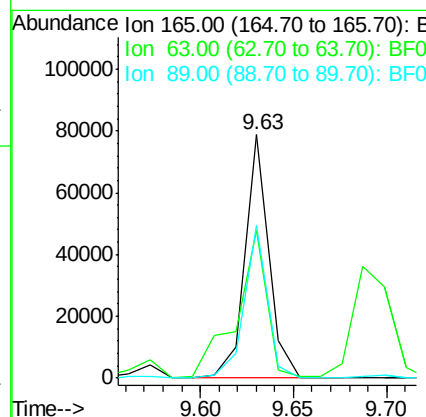
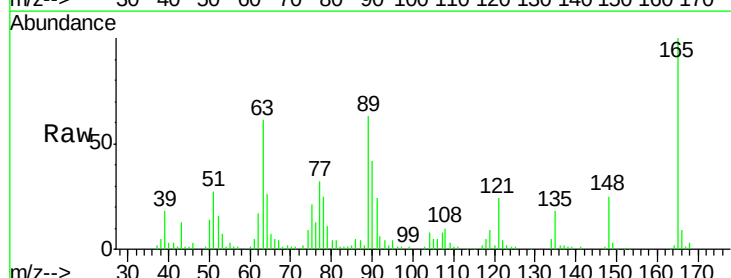
RT: 9.63 min Scan# 660

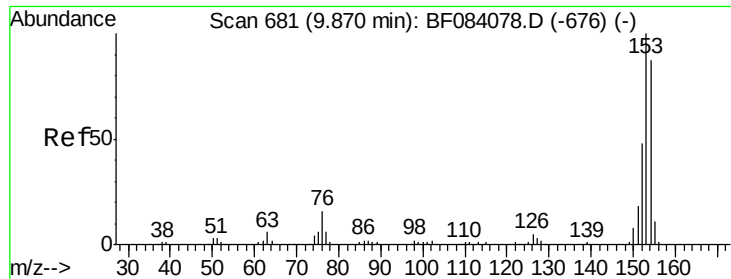
Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Tgt Ion:	165	Resp:	70083
Ion Ratio	Lower	Upper	
165	100		
63	60.7	28.8	43.2#
89	62.8	35.1	52.7#





#51

Acenaphthene

Concen: 42.54 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

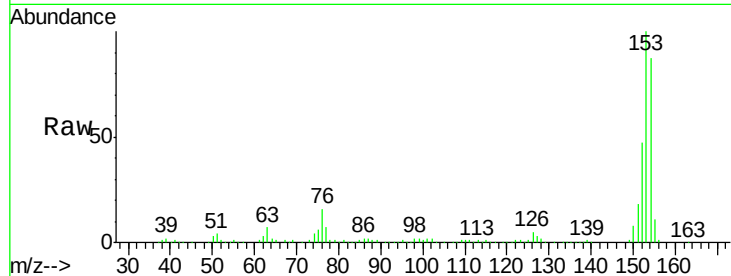
Tgt Ion:154 Resp: 249581

Ion Ratio Lower Upper

154 100

153 114.6 91.5 137.3

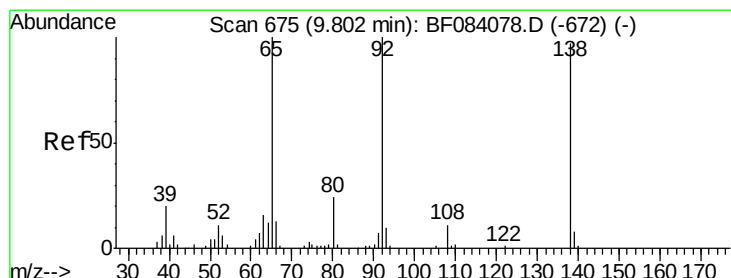
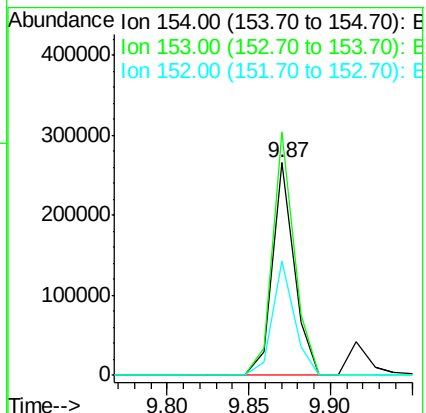
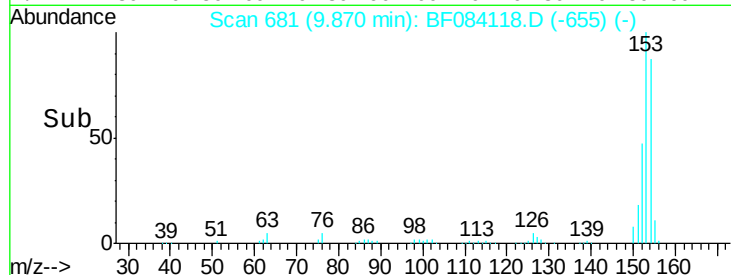
152 53.9 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.45 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

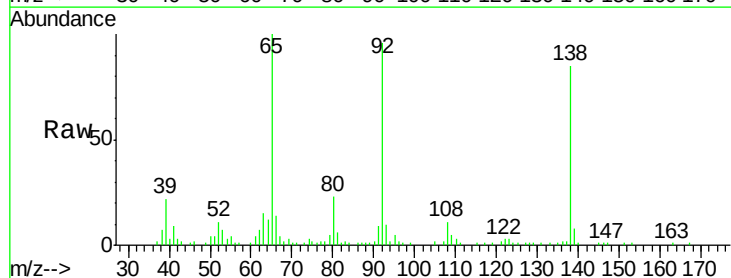
Tgt Ion:138 Resp: 44638

Ion Ratio Lower Upper

138 100

108 13.1 10.5 15.7

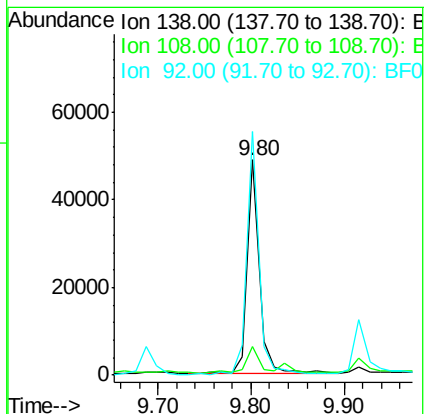
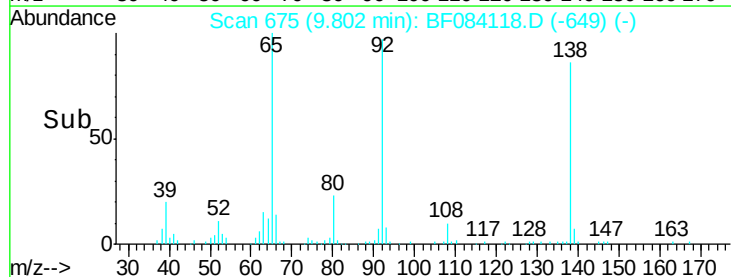
92 113.2 103.9 155.9

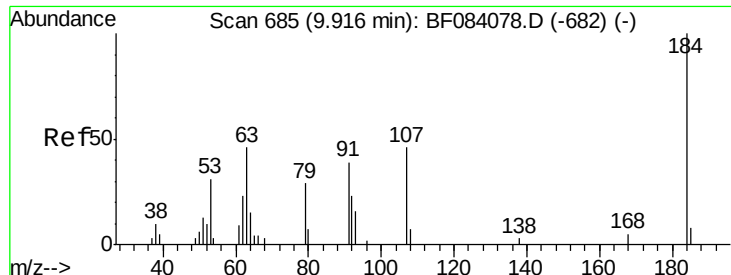


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

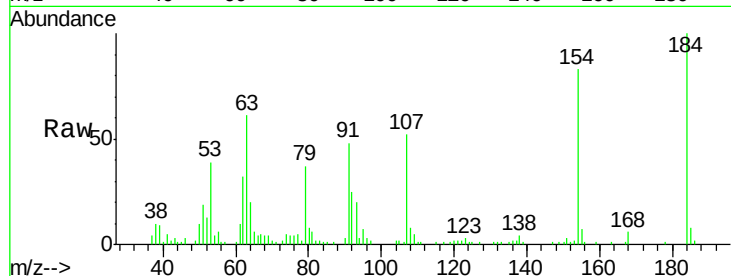




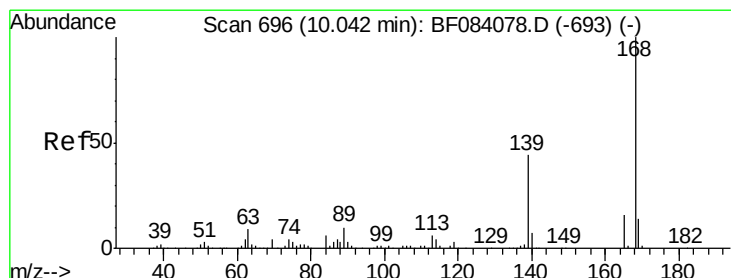
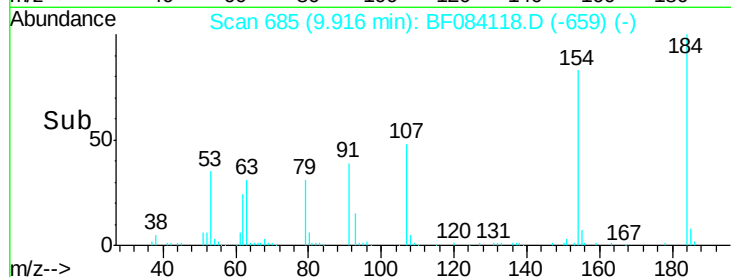
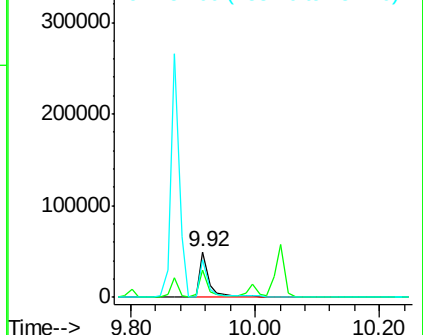
#53
 2,4-Dinitrophenol
 Concen: 88.31 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

Tgt Ion:184 Resp: 56235
 Ion Ratio Lower Upper
 184 100
 63 60.9 43.1 64.7
 154 82.8 60.5 90.7

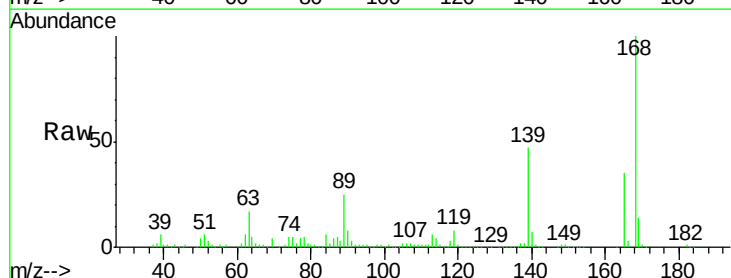


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

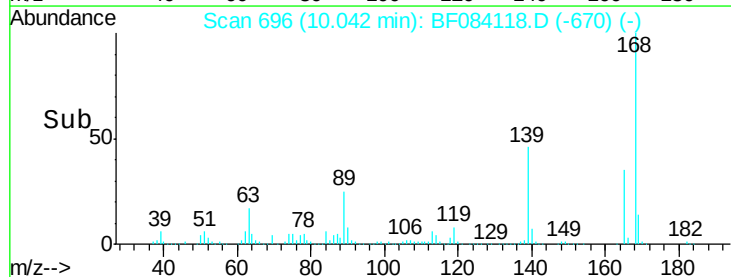
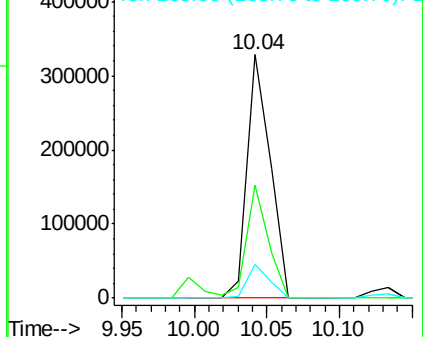


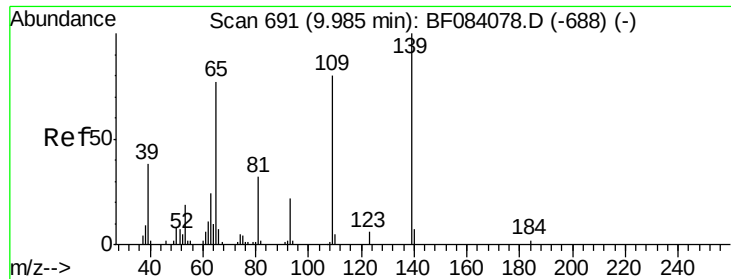
#54
 Dibenzofuran
 Concen: 44.95 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion:168 Resp: 362645
 Ion Ratio Lower Upper
 168 100
 139 46.6 30.5 45.7#
 169 13.7 10.4 15.6



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

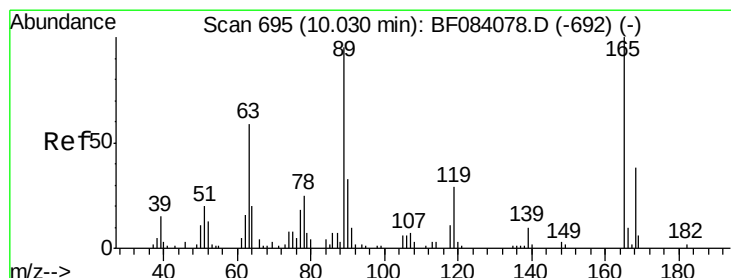
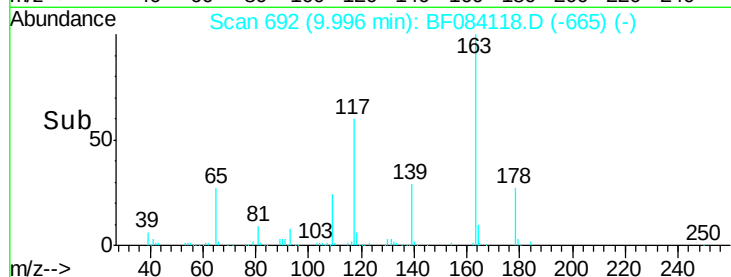
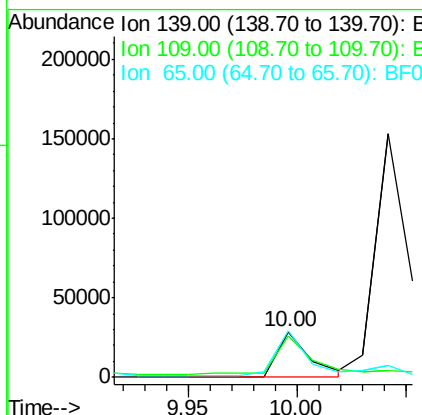
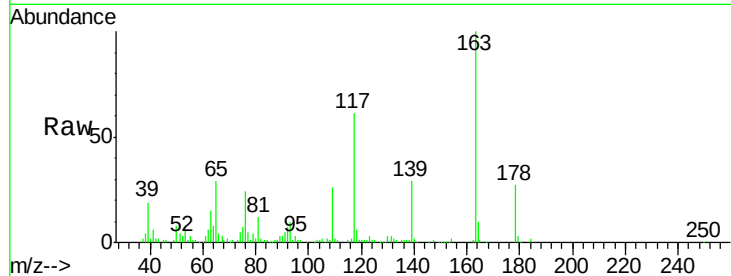




#55
4-Nitrophenol
Concen: 33.38 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

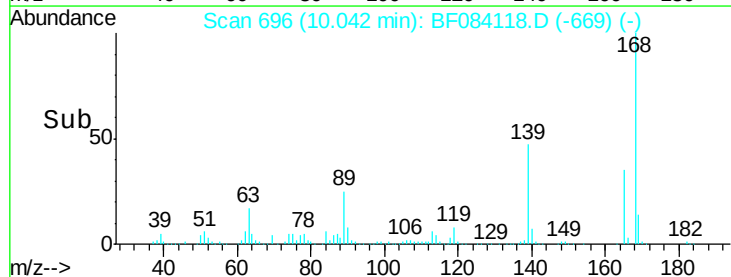
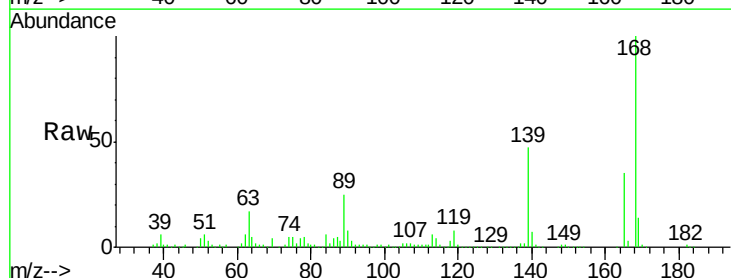
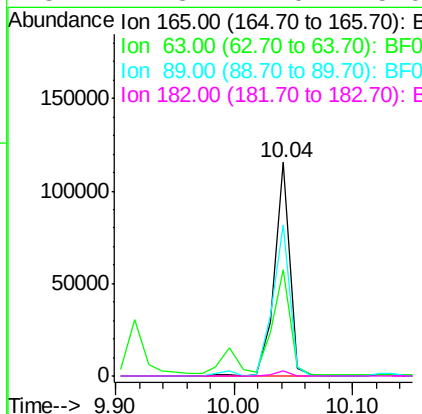
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MSD

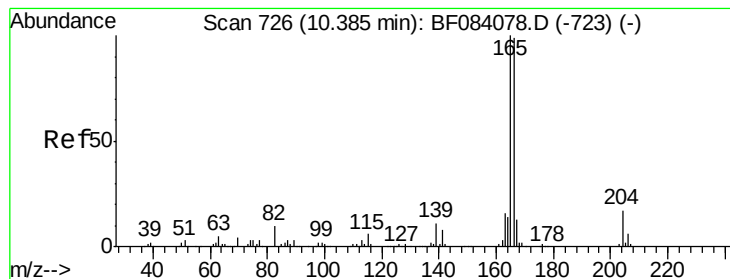
Tgt Ion:139 Resp: 28747
Ion Ratio Lower Upper
139 100
109 91.2 58.5 98.5
65 100.9 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 50.25 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Tgt Ion:165 Resp: 104300
Ion Ratio Lower Upper
165 100
63 49.7 36.7 55.1
89 70.9 61.9 92.9
182 2.3 2.0 3.0





#57

Fluorene

Concen: 42.40 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

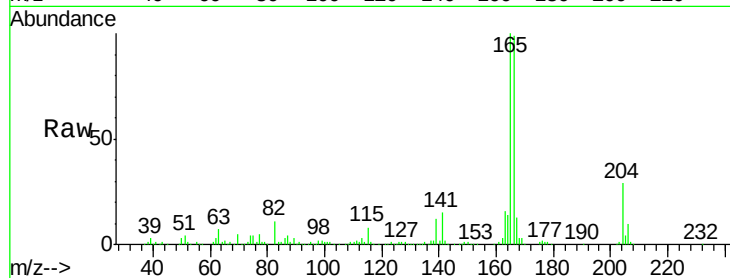
Tgt Ion:166 Resp: 290781

Ion Ratio Lower Upper

166 100

165 101.3 79.1 118.7

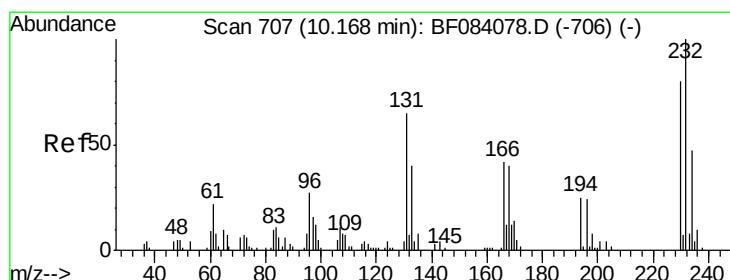
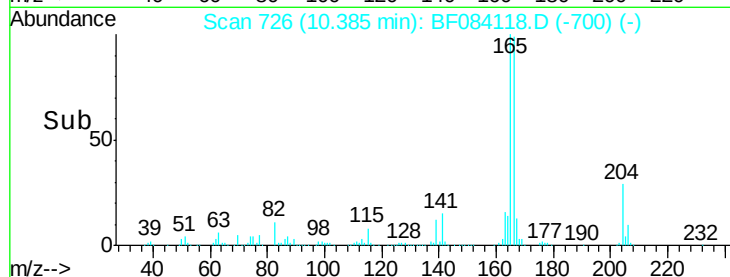
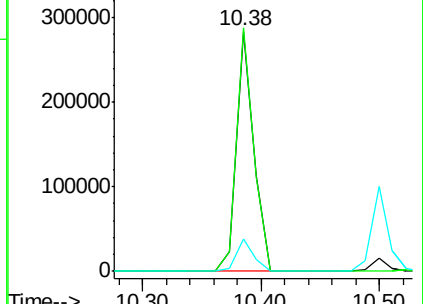
167 13.6 10.4 15.6



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: 51.87 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Tgt Ion:232 Resp: 68036

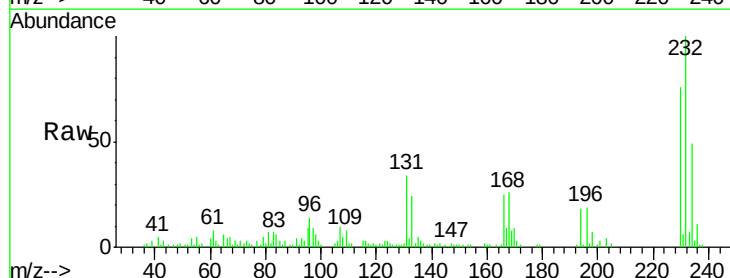
Ion Ratio Lower Upper

232 100

131 53.6 47.0 70.6

130 7.3 2.0 3.0#

166 34.0 30.5 45.7

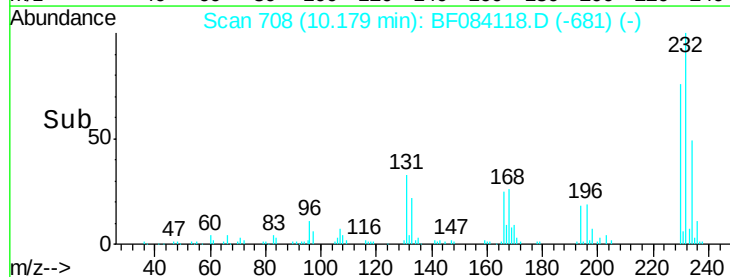
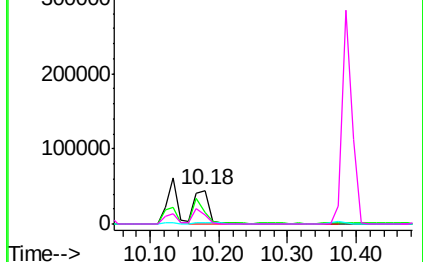


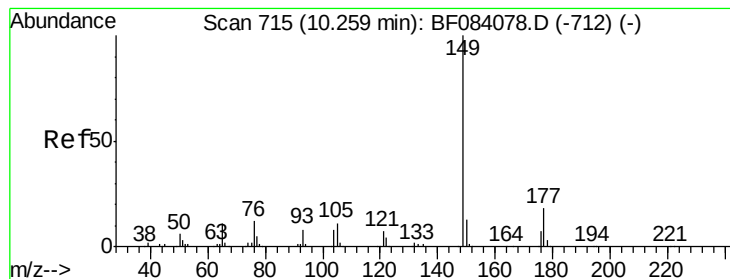
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.67 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

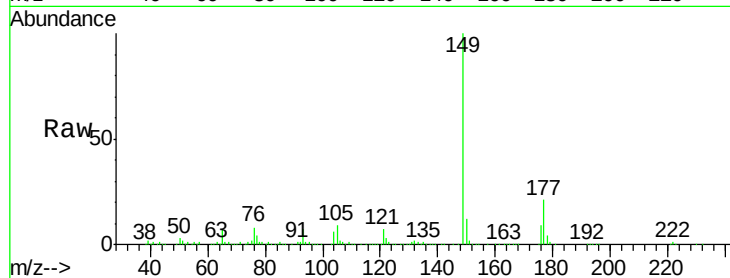
Tgt Ion:149 Resp: 351141

Ion Ratio Lower Upper

149 100

177 21.1 17.3 25.9

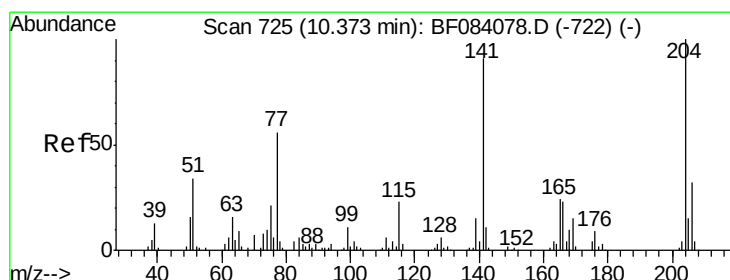
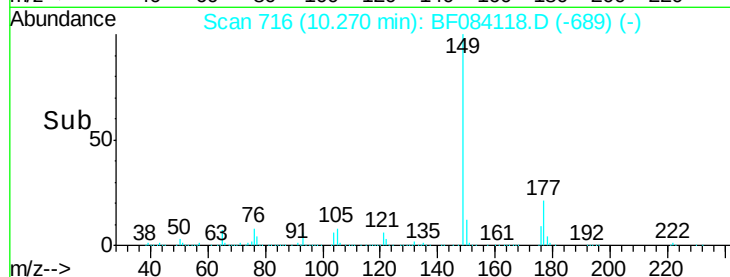
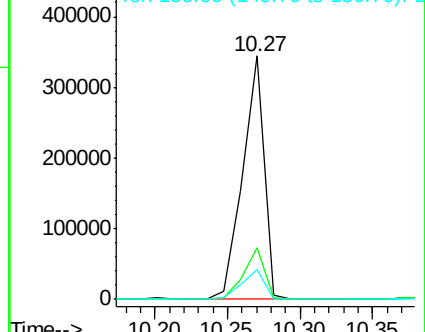
150 12.5 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.01 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

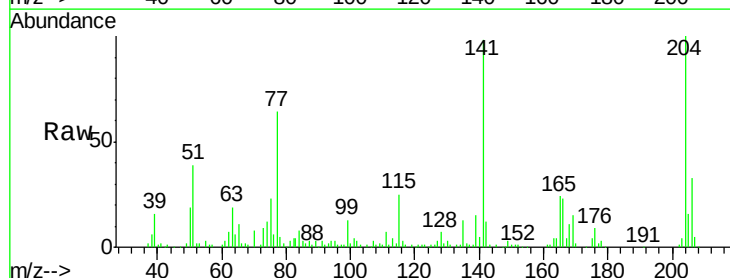
Tgt Ion:204 Resp: 129698

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

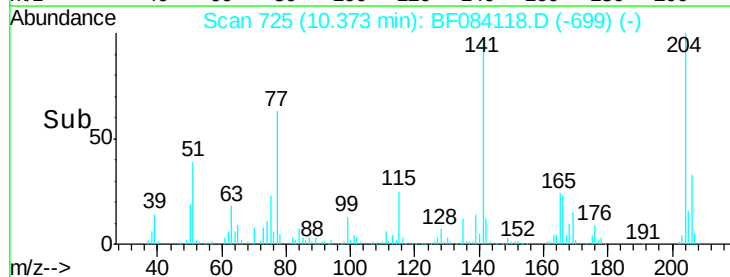
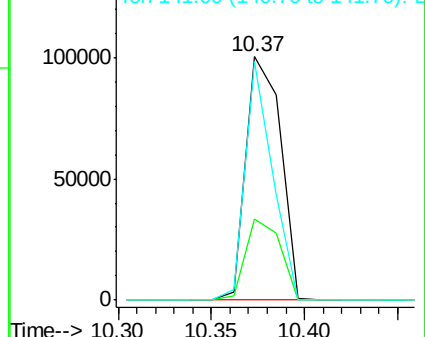
141 97.8 55.1 82.7#

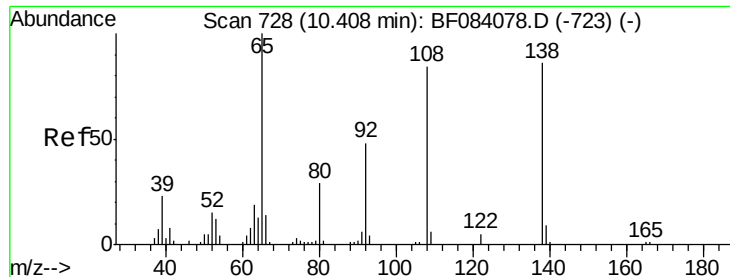


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

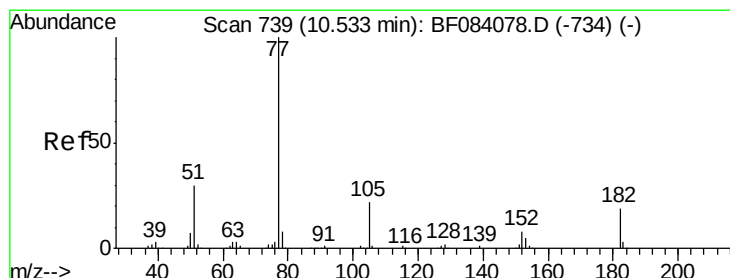
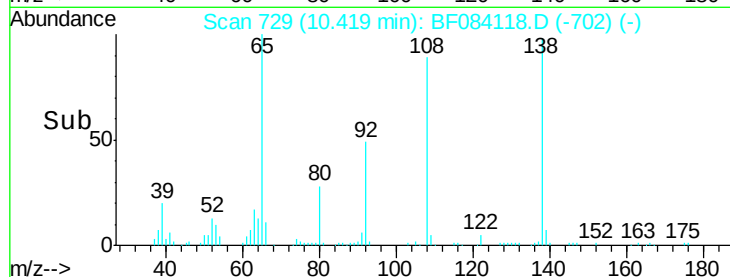
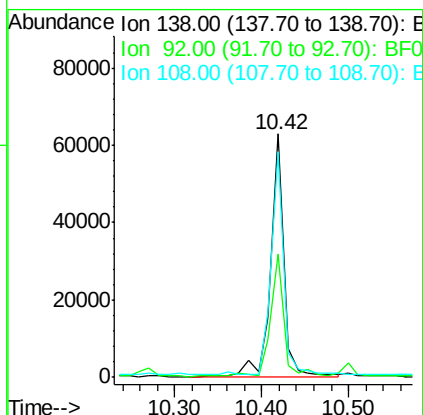
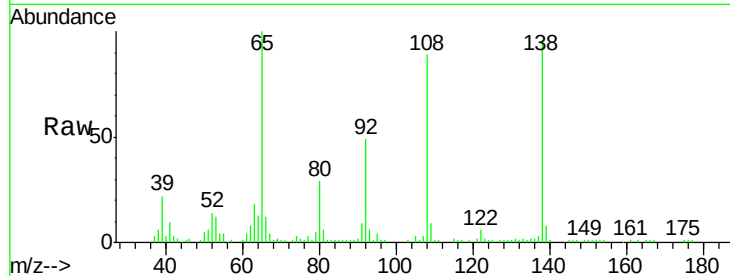




#61
4-Nitroaniline
Concen: 43.67 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

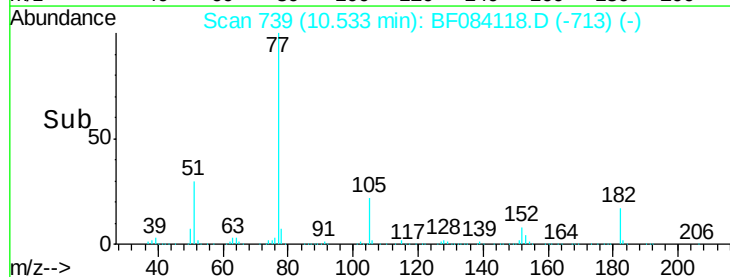
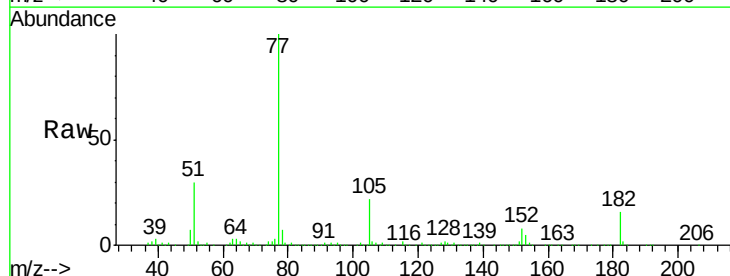
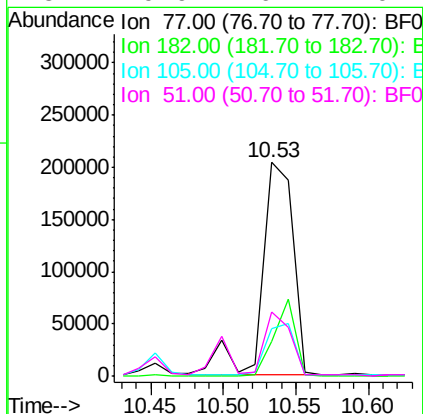
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MSD

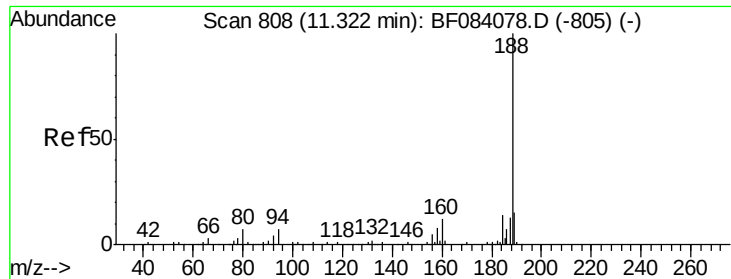
Tgt Ion:138 Resp: 68104
Ion Ratio Lower Upper
138 100
92 50.7 32.6 72.6
108 92.5 68.6 108.6



#62
Azobenzene
Concen: 48.96 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Tgt Ion: 77 Resp: 303491
Ion Ratio Lower Upper
77 100
182 16.5 8.3 48.3
105 22.3 4.6 44.6
51 29.9 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

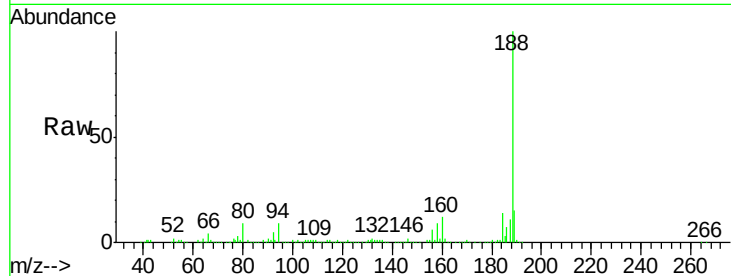
Tgt Ion:188 Resp: 159192

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

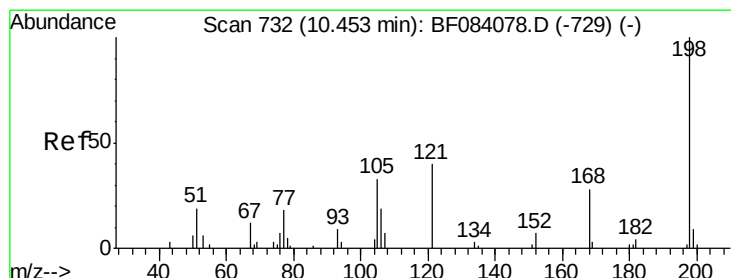
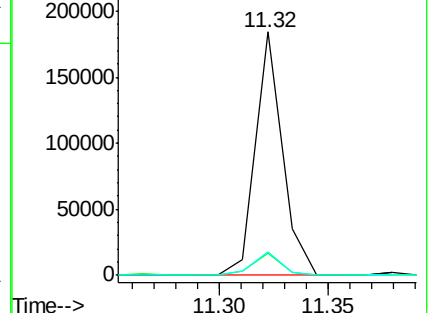
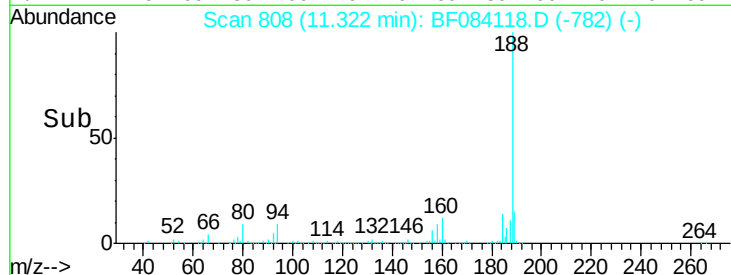
80 9.5 9.6 14.4#



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: 48.33 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

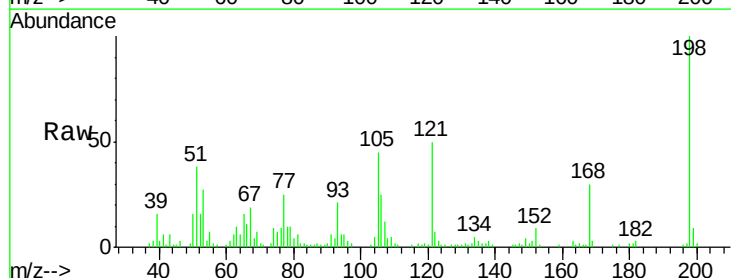
Tgt Ion:198 Resp: 42705

Ion Ratio Lower Upper

198 100

51 37.6 18.9 58.9

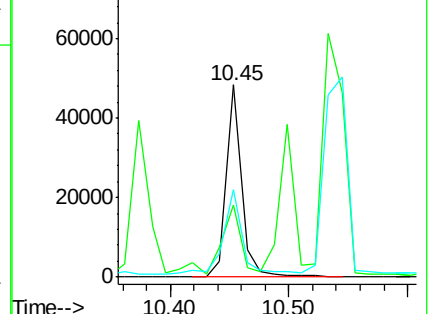
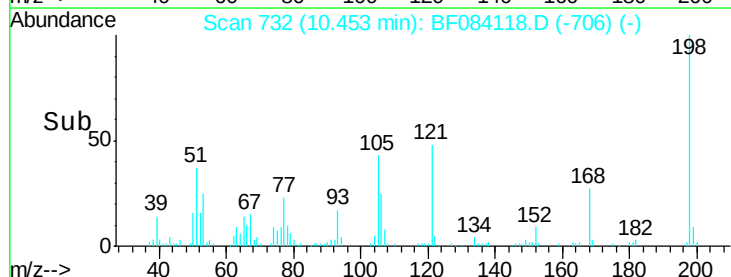
105 45.3 26.4 66.4

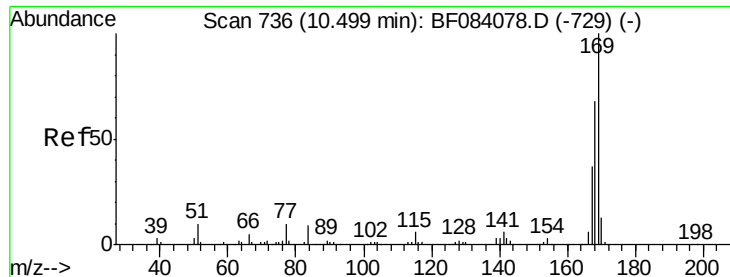


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

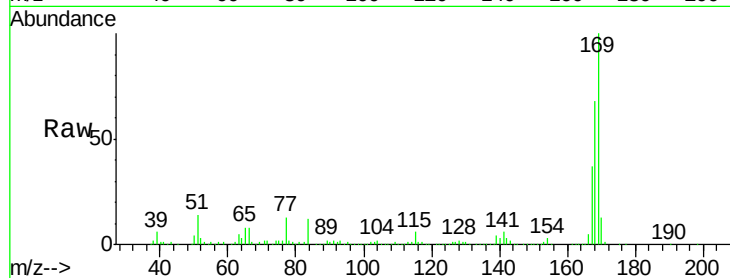




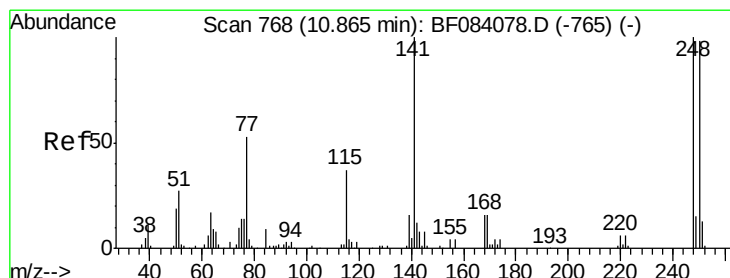
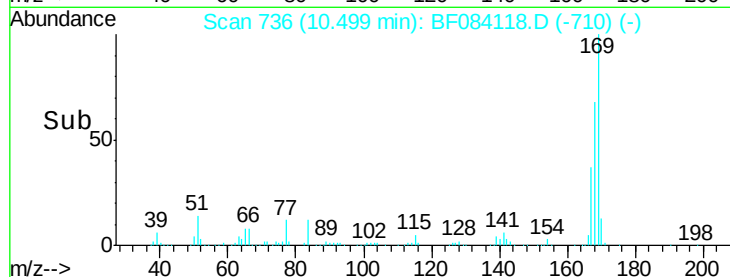
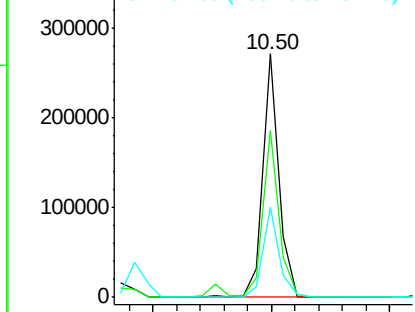
#65
 n-Nitrosodiphenylamine
 Concen: 45.52 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

Tgt Ion:169 Resp: 258332
 Ion Ratio Lower Upper
 169 100
 168 68.5 55.1 82.7
 167 36.7 30.0 45.0

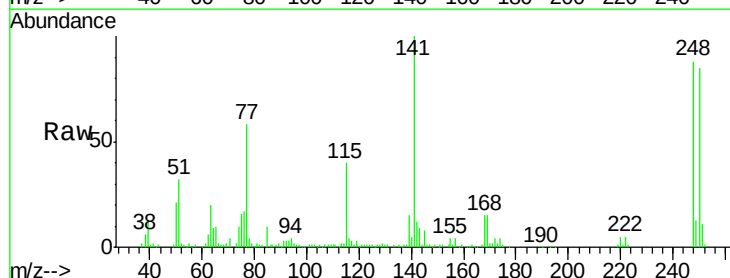


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

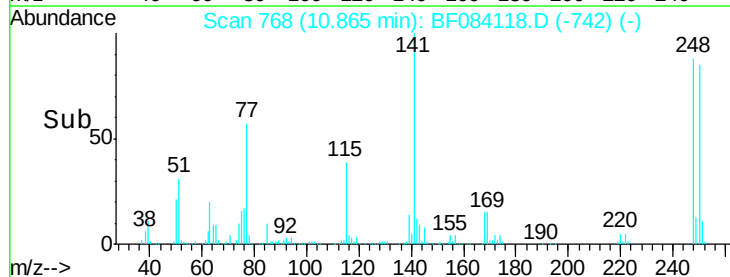
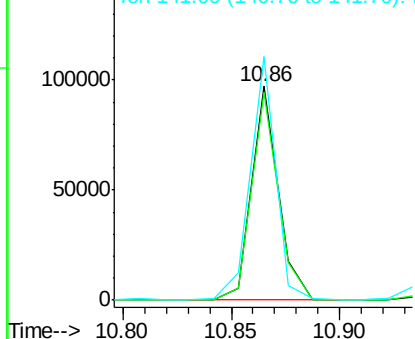


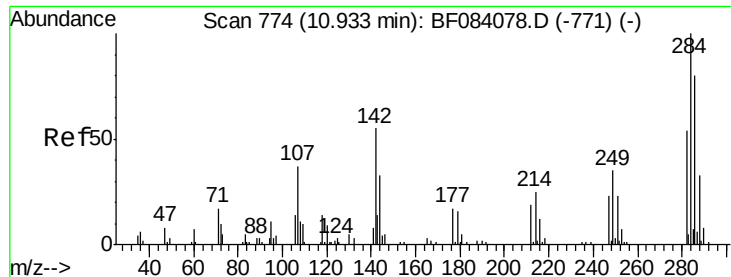
#66
 4-Bromophenyl-phenylether
 Concen: 44.74 ng
 RT: 10.86 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion:248 Resp: 82517
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.4 117.6
 141 114.0 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

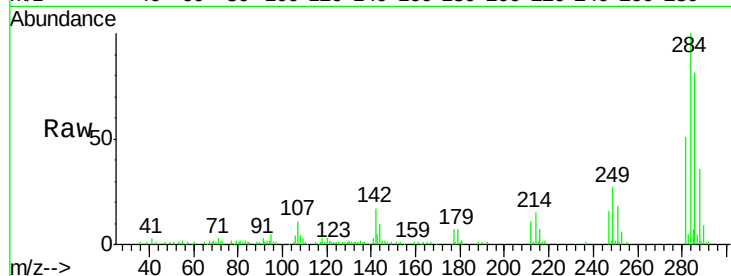




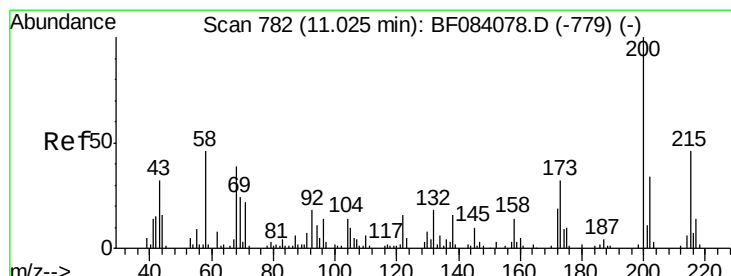
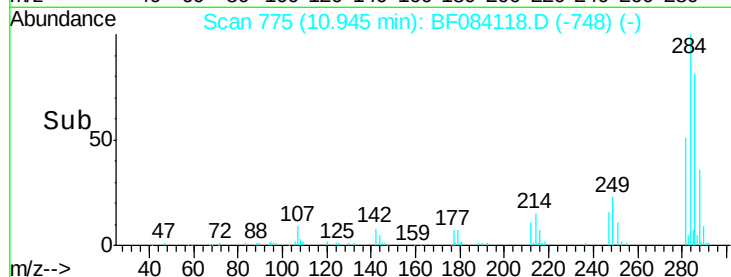
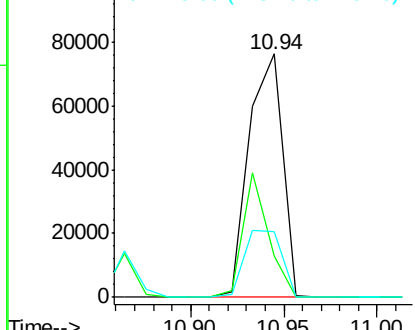
#67
Hexachlorobenzene
Concen: 46.99 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MSD

Tgt Ion:284 Resp: 94883
Ion Ratio Lower Upper
284 100
142 17.2 22.2 33.4#
249 27.0 24.6 37.0

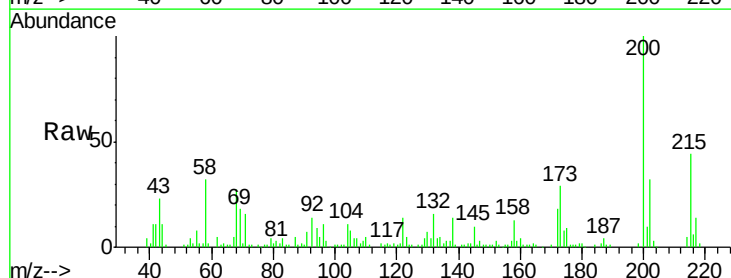


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

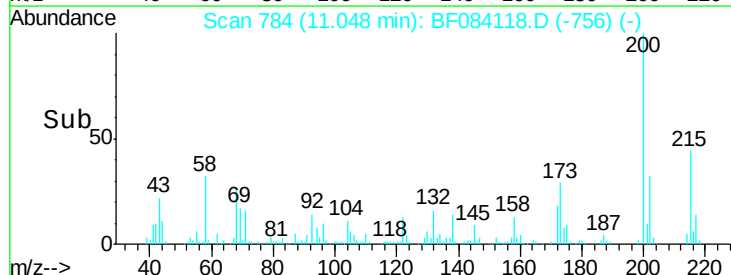
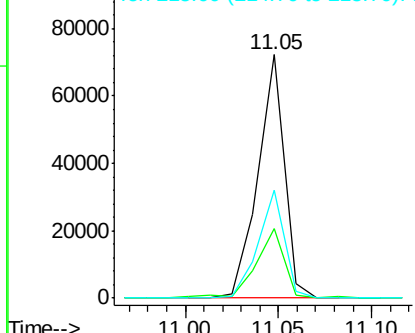


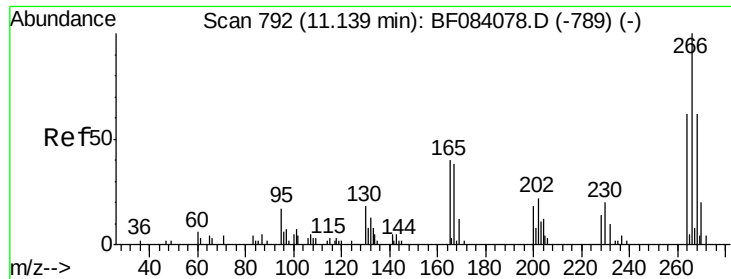
#68
Atrazine
Concen: 41.03 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.02 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Tgt Ion:200 Resp: 70125
Ion Ratio Lower Upper
200 100
173 28.7 9.5 49.5
215 44.2 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

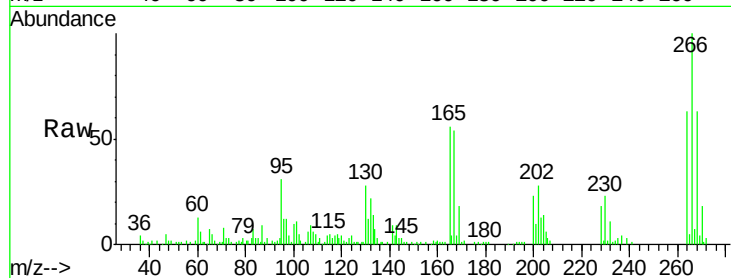




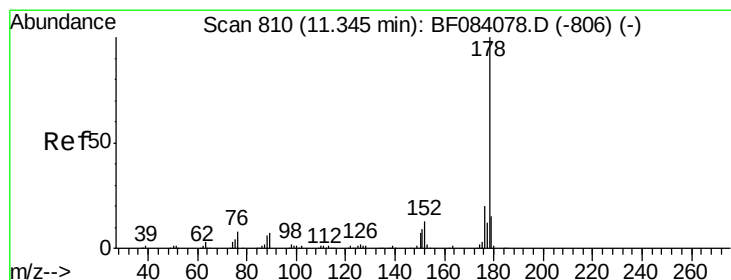
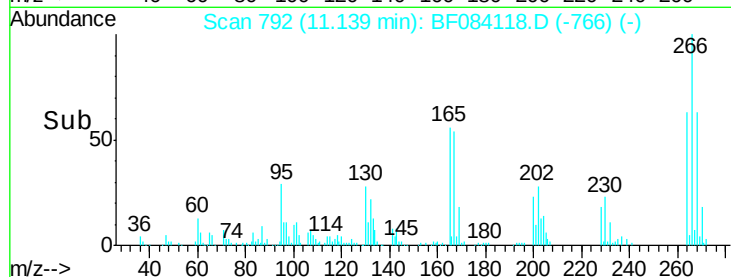
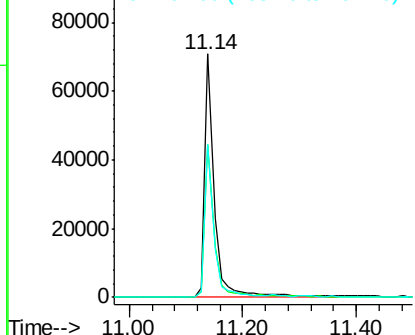
#69
 Pentachlorophenol
 Concen: 118.52 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

Tgt Ion: 266 Resp: 81445
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.4 78.6
 264 62.7 50.2 75.2

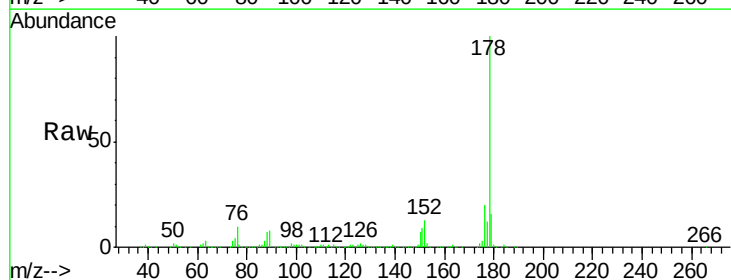


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

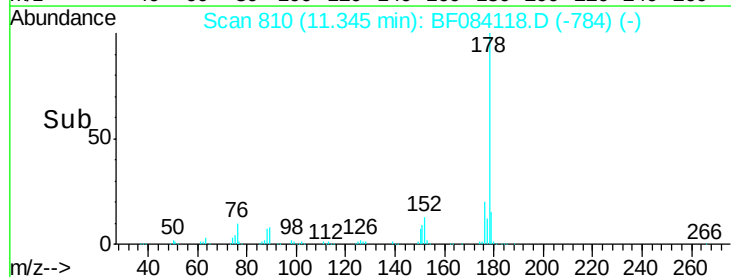
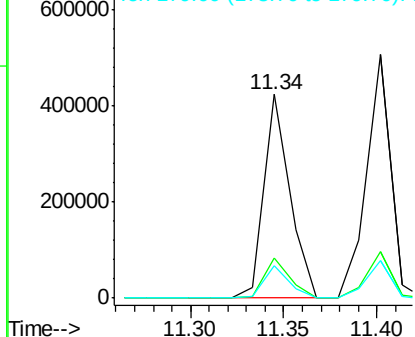


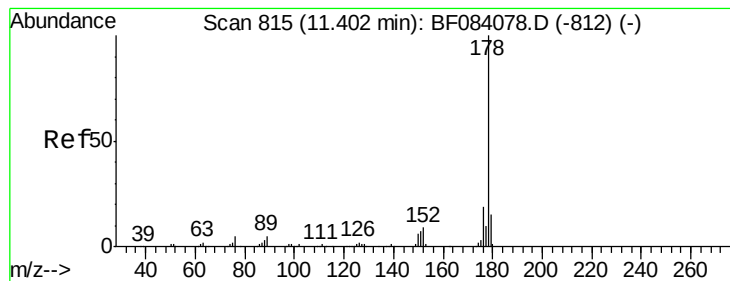
#70
 Phenanthrene
 Concen: 43.06 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion: 178 Resp: 406359
 Ion Ratio Lower Upper
 178 100
 176 19.8 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: 45.90 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

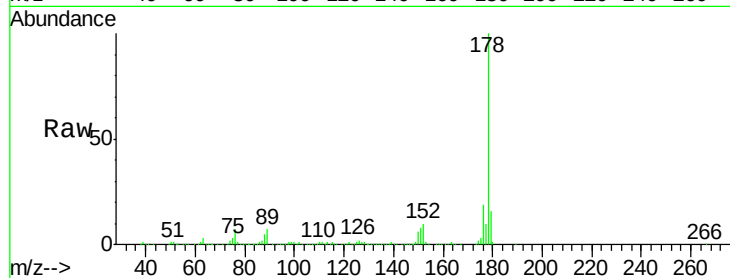
Tgt Ion:178 Resp: 452945

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

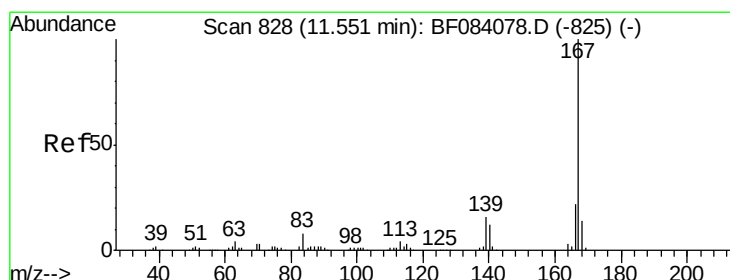
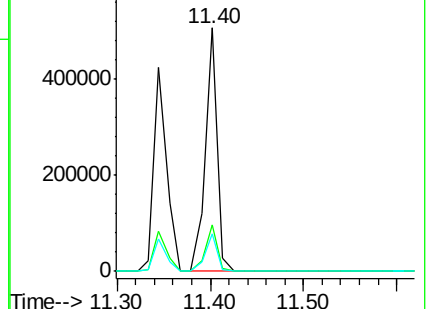
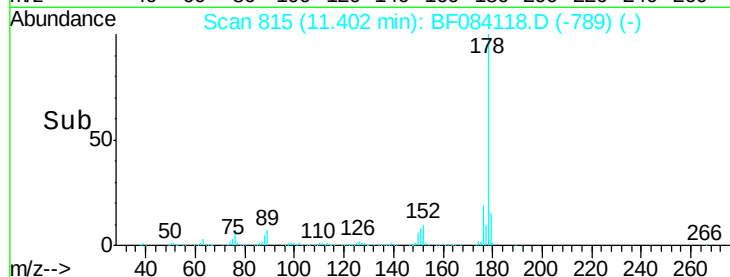
179 15.5 12.5 18.7



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: 48.37 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

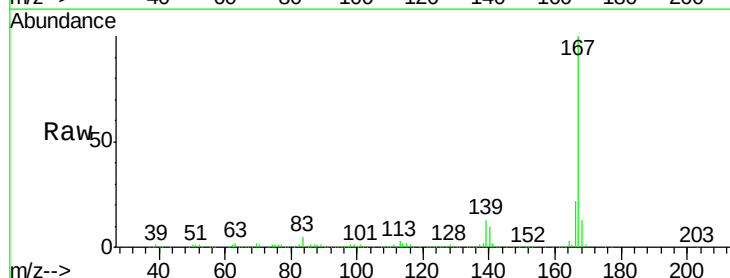
Tgt Ion:167 Resp: 406079

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

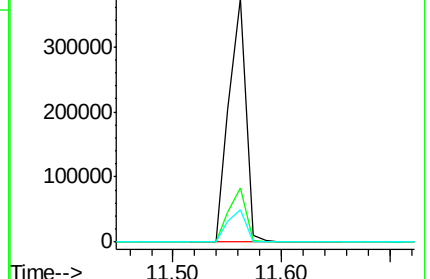
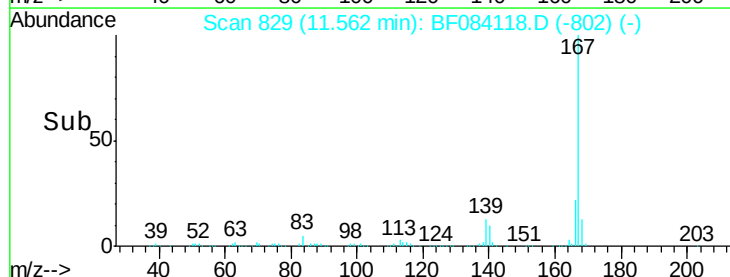
139 13.1 11.8 17.8

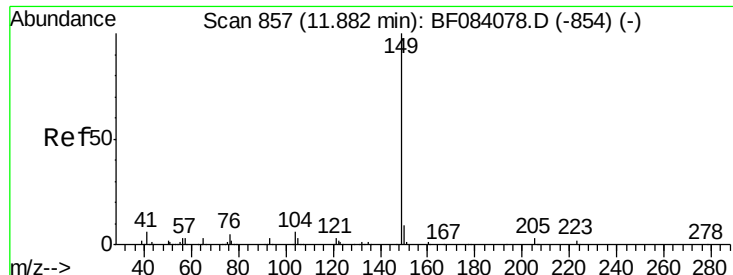


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.48 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

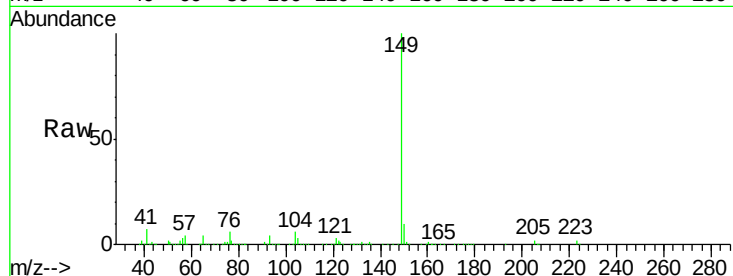
Tgt Ion:149 Resp: 481093

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

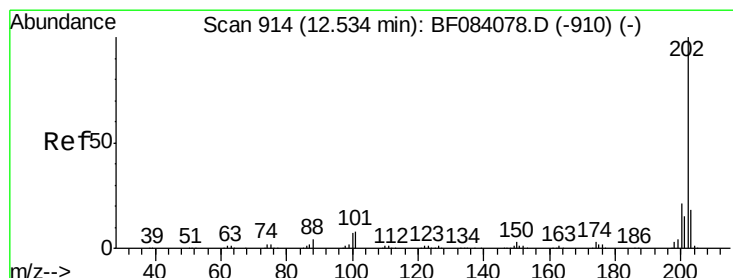
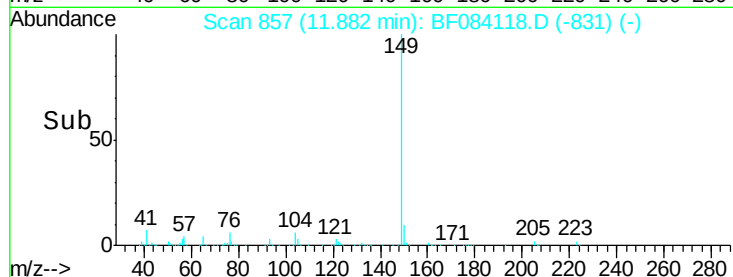
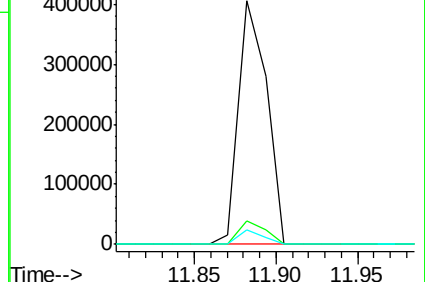
104 5.7 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.75 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

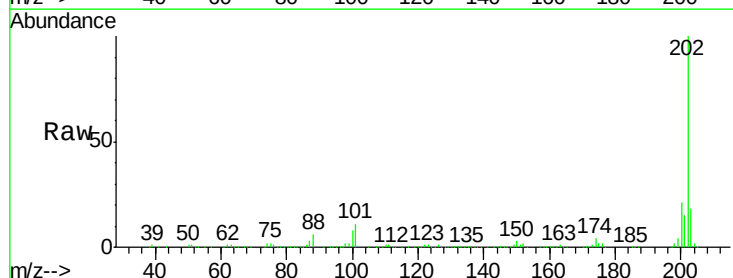
Tgt Ion:202 Resp: 408915

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.8

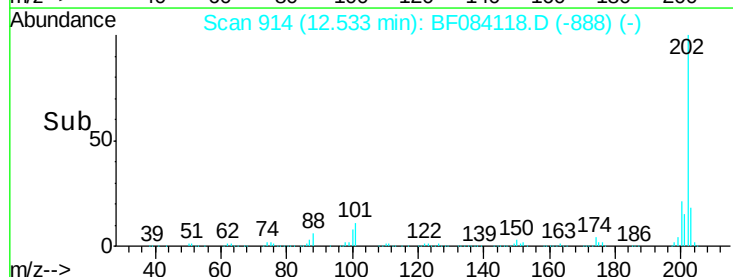
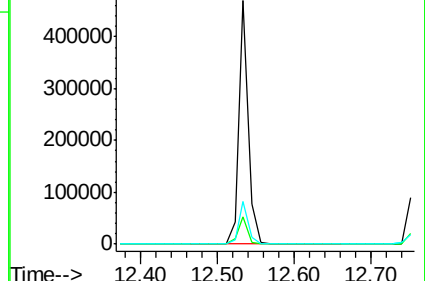
203 17.7 0.0 37.9

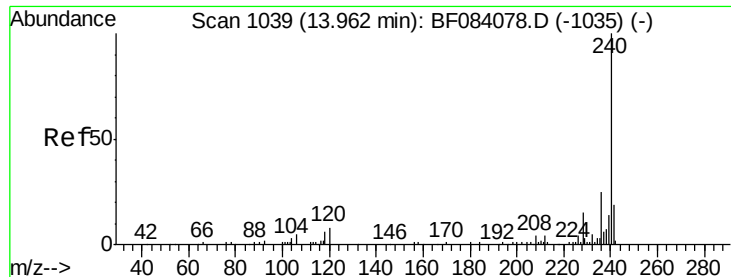


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

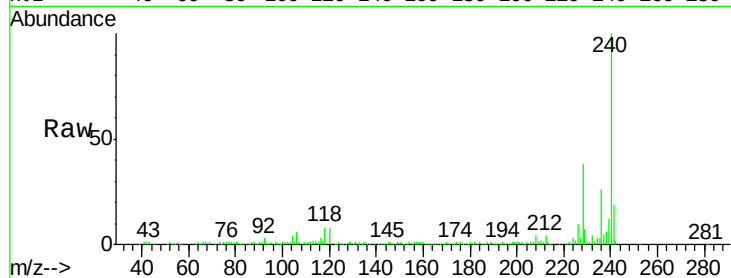
Tgt Ion:240 Resp: 108880

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

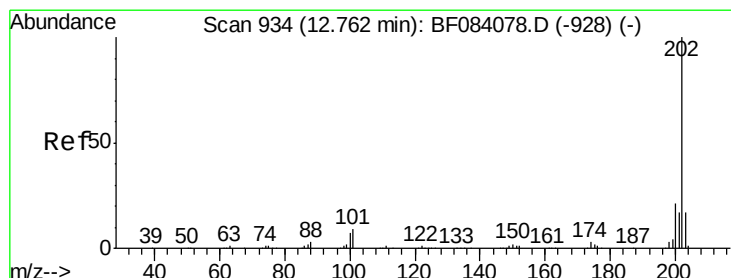
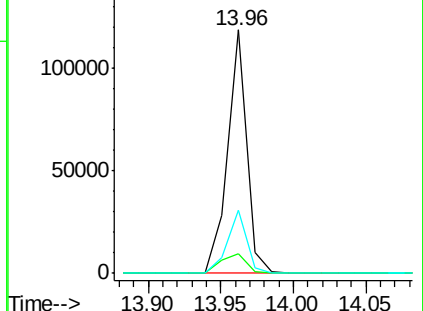
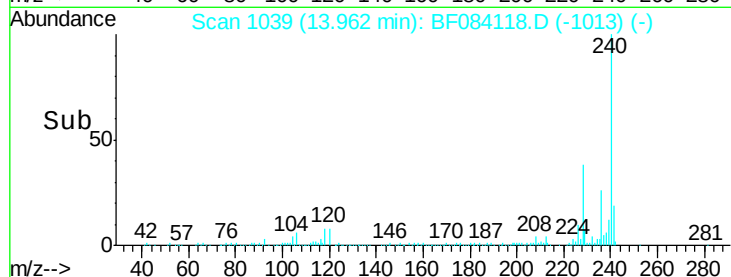
236 25.7 20.6 31.0



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: 44.67 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

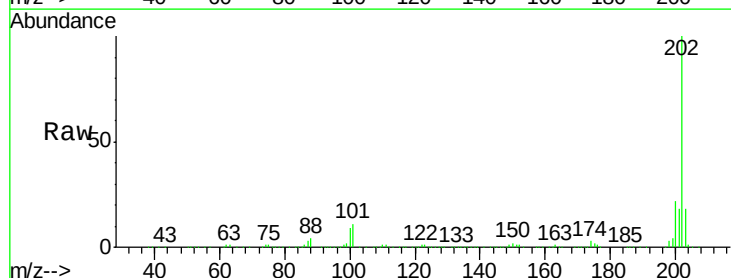
Tgt Ion:202 Resp: 419613

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

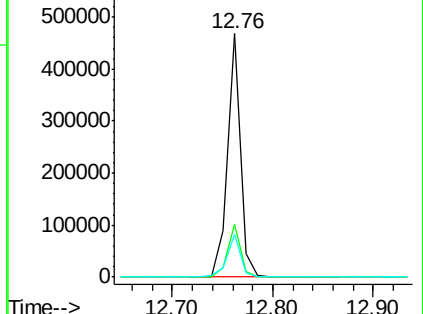
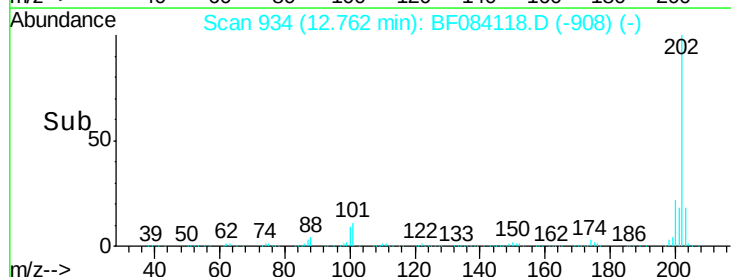
203 17.6 14.3 21.5

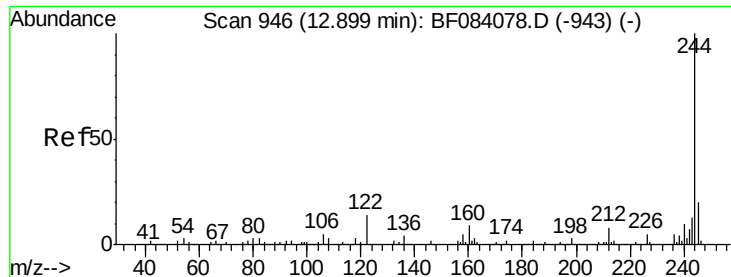


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.43 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

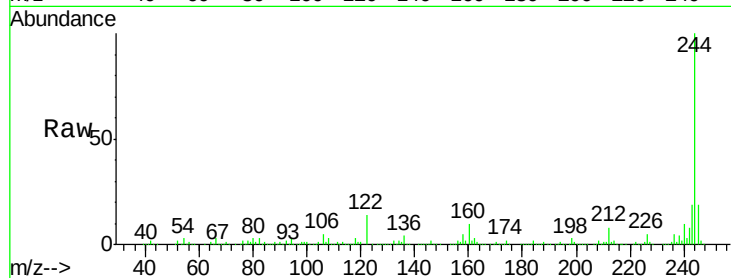
Tgt Ion:244 Resp: 387671

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

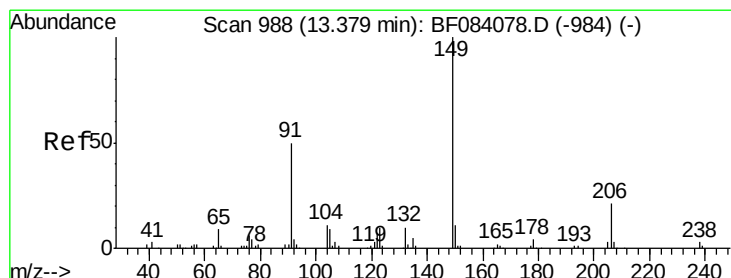
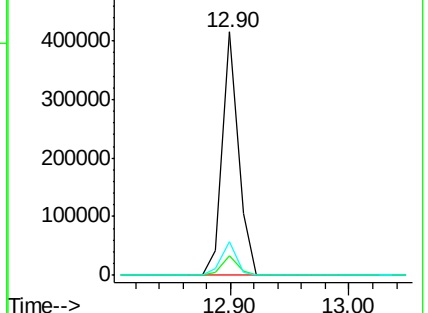
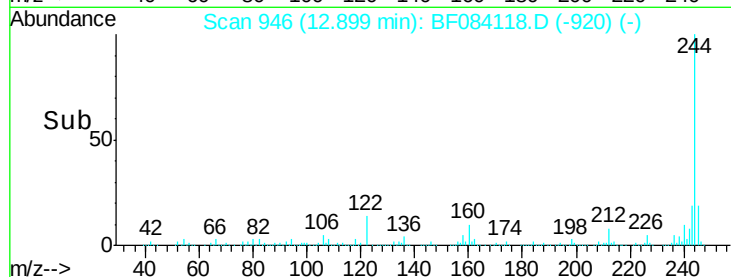
122 13.8 7.4 11.0#



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: 48.34 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

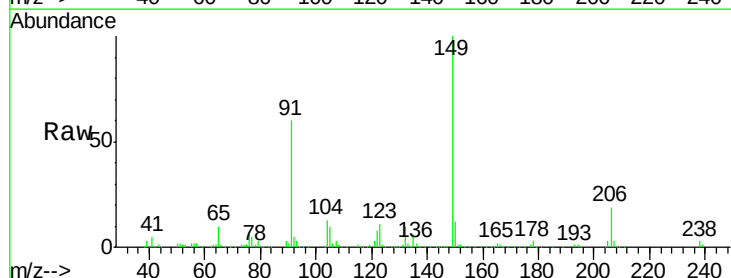
Tgt Ion:149 Resp: 187987

Ion Ratio Lower Upper

149 100

91 59.7 57.6 86.4

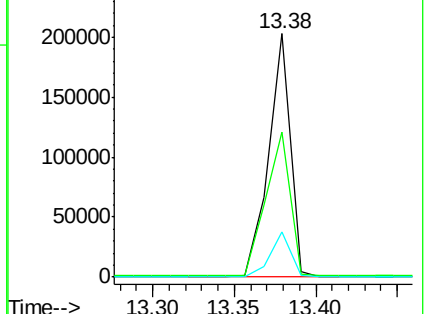
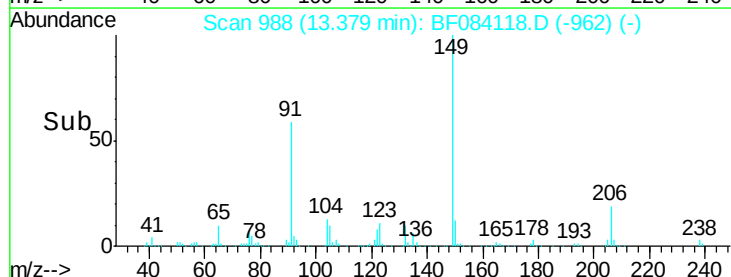
206 18.7 13.2 19.8

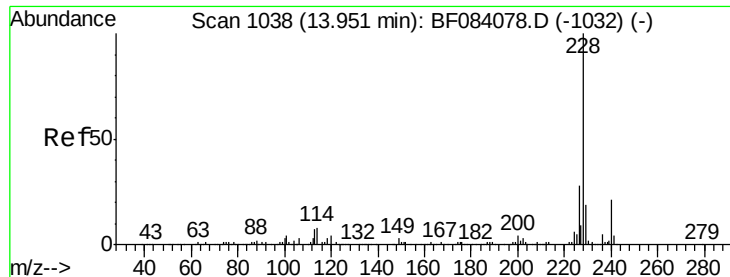


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.53 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

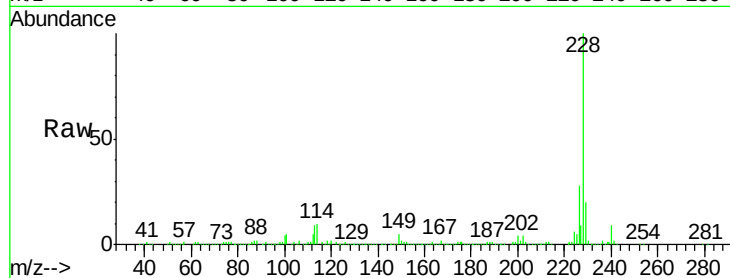
Tgt Ion:228 Resp: 311633

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.6

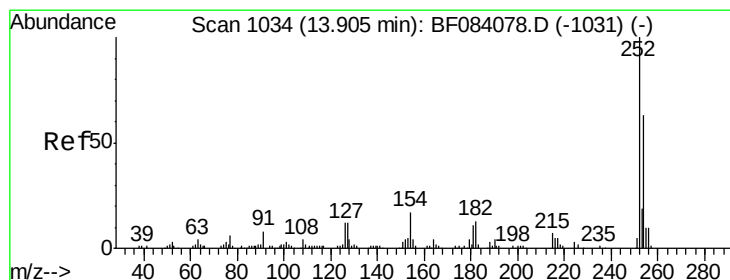
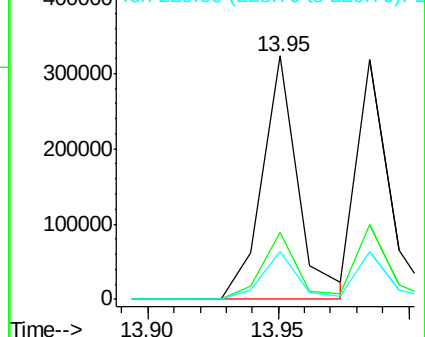
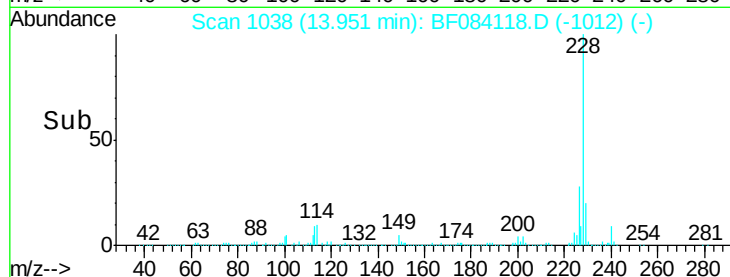
229 19.9 15.8 23.8



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: 11.89 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

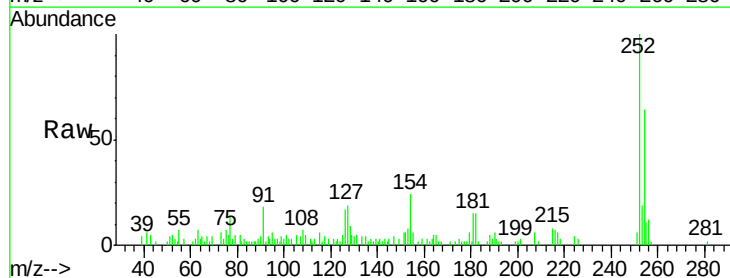
Tgt Ion:252 Resp: 24121

Ion Ratio Lower Upper

252 100

254 63.9 53.5 80.3

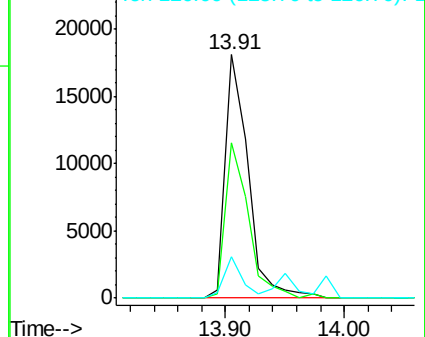
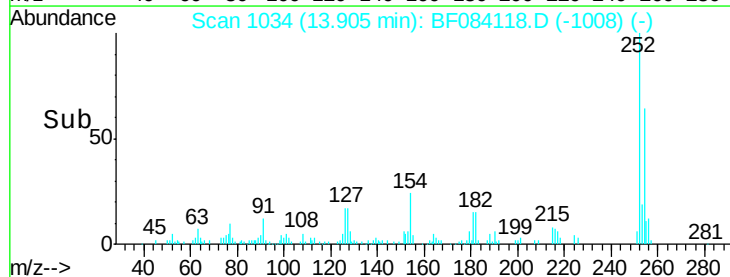
126 17.1 4.9 7.3#

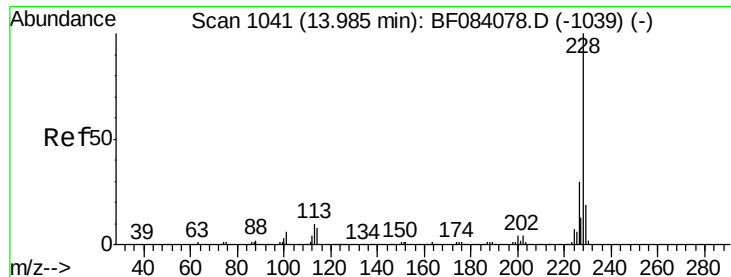


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

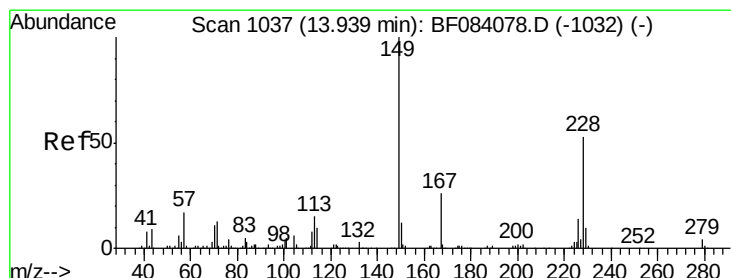
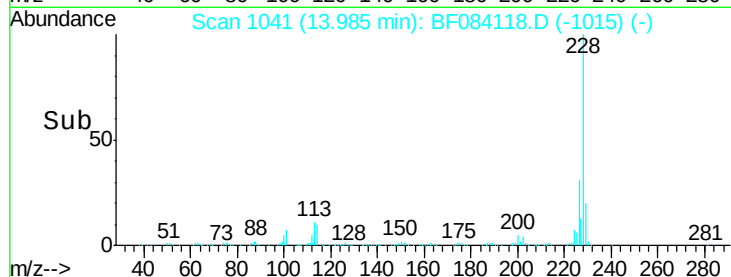
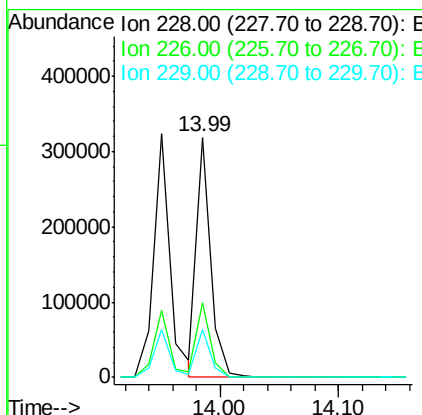
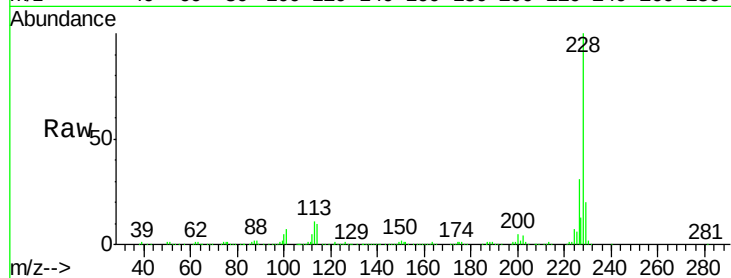




#82
Chrysene
 Concen: 43.61 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

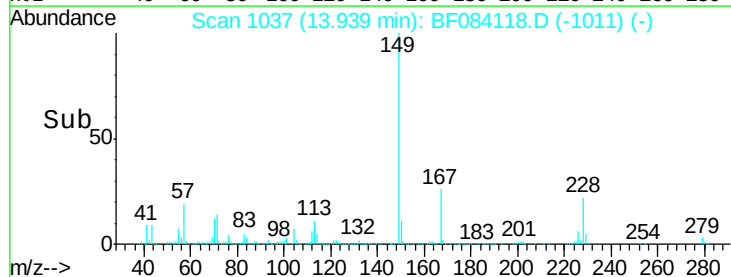
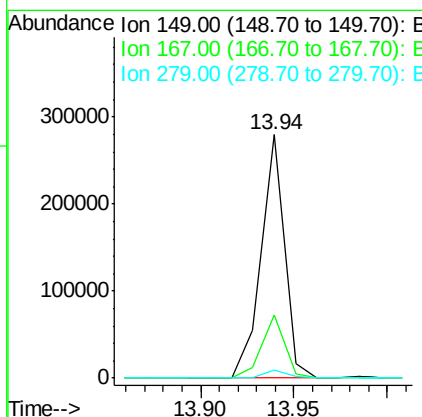
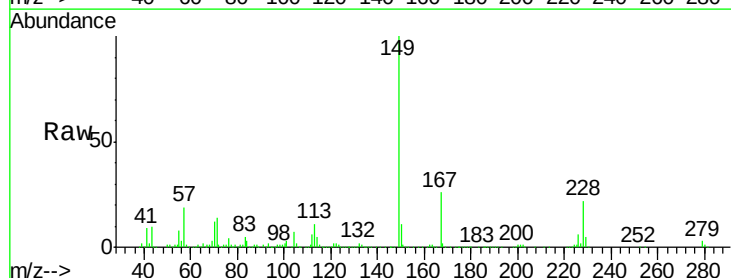
Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MSD

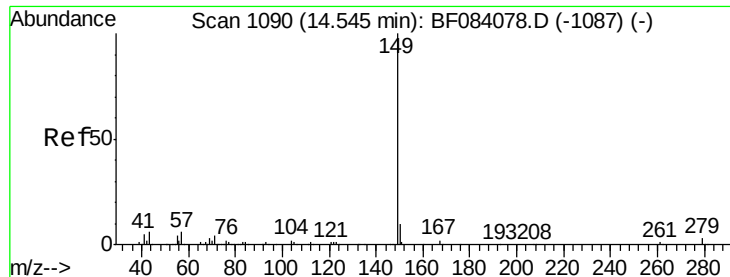
Tgt Ion: 228 Resp: 269365
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 19.7 16.1 24.1



#83
Bis(2-ethylhexyl)phthalate
 Concen: 47.94 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF084118.D
 Acq: 25 Dec 2015 9:46

Tgt Ion: 149 Resp: 240893
 Ion Ratio Lower Upper
 149 100
 167 25.9 19.7 29.5
 279 3.3 1.8 2.6#





#84

Di-n-octyl phthalate

Concen: 50.90 ng

RT: 14.55 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

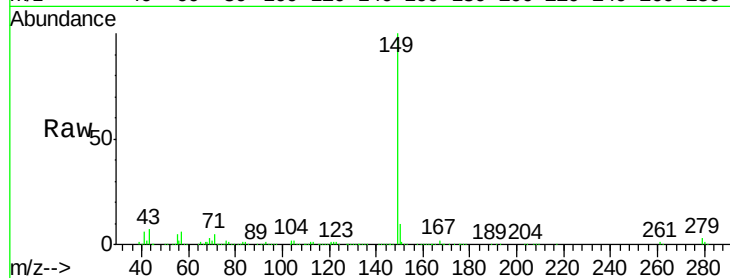
Tgt Ion:149 Resp: 359839

Ion Ratio Lower Upper

149 100

167 2.0 1.2 1.8#

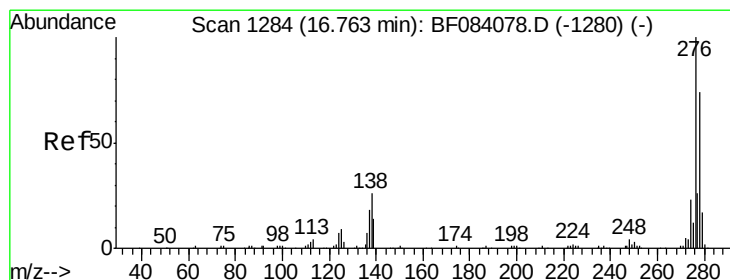
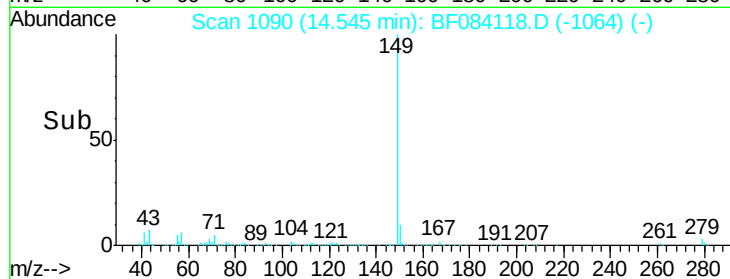
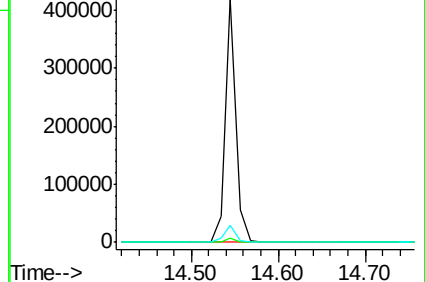
43 7.4 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 52.93 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

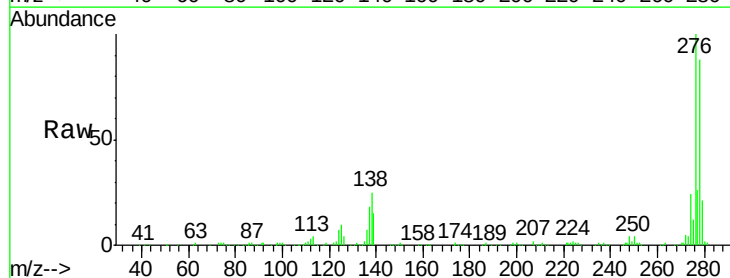
Tgt Ion:276 Resp: 327374

Ion Ratio Lower Upper

276 100

138 24.9 20.6 30.8

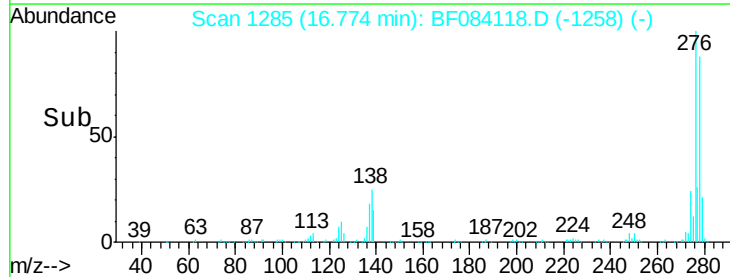
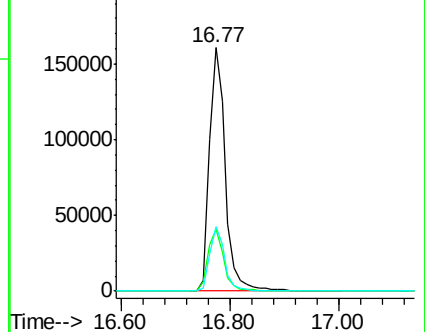
277 25.1 20.1 30.1

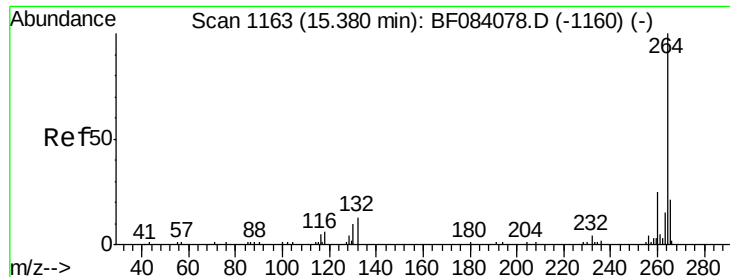


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



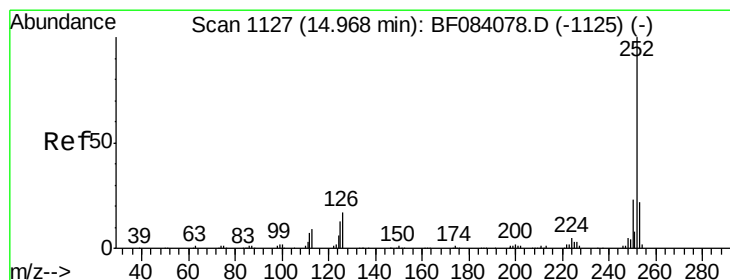
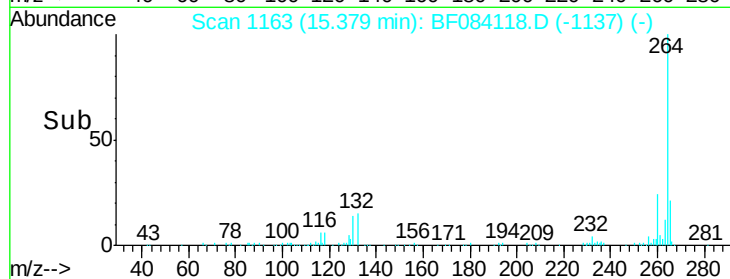
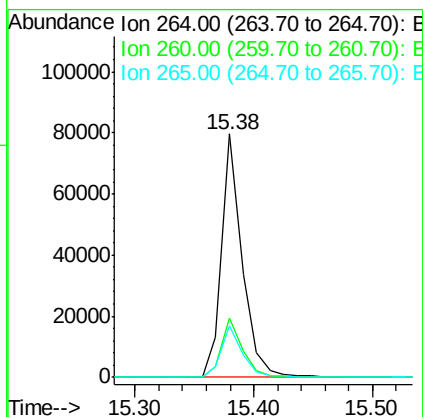
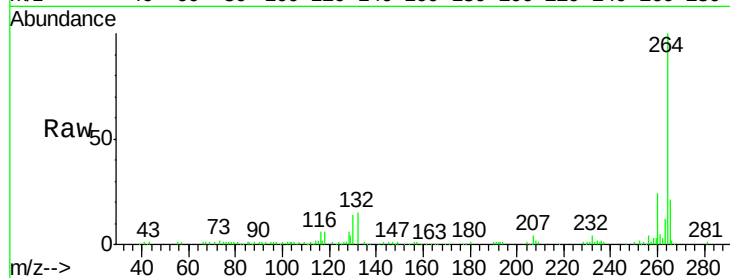


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MSD

Tgt Ion: 264 Resp: 95321

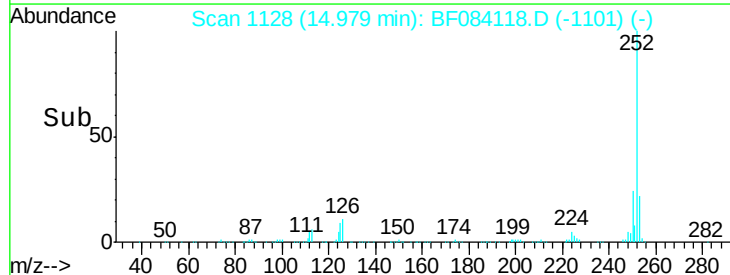
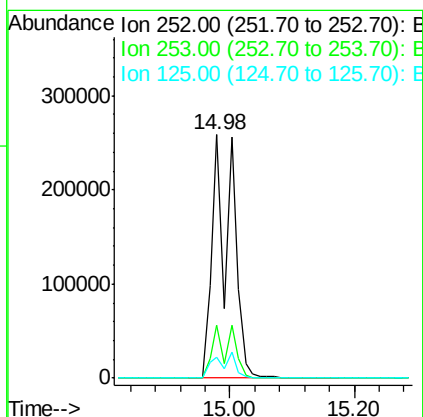
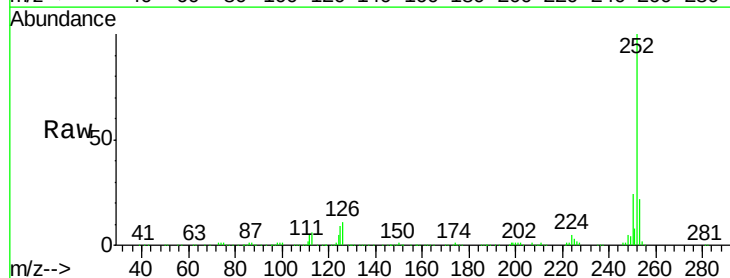
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.4	17.8	26.6

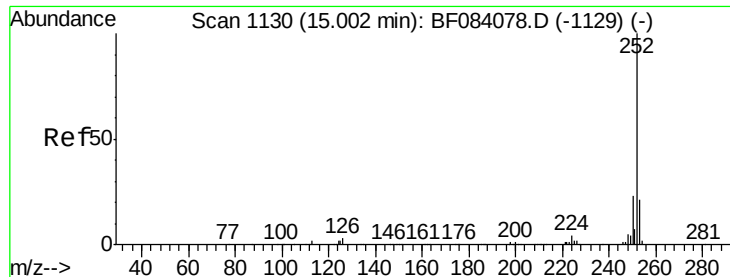


#87
Benzo(b)fluoranthene
Concen: 78.57 ng
RT: 14.98 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Tgt Ion: 252 Resp: 556179

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	8.7	6.5	9.7

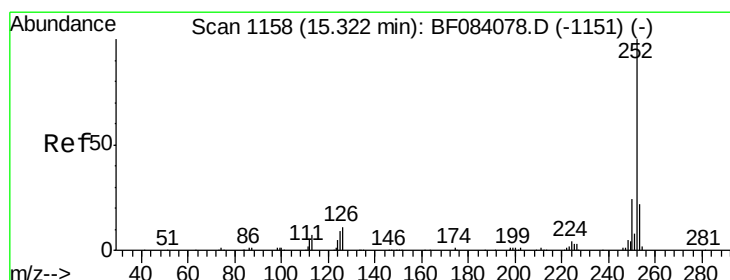
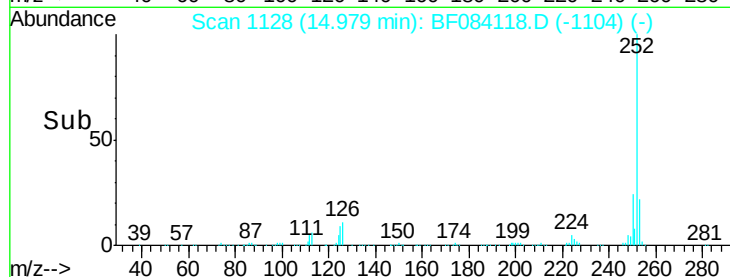
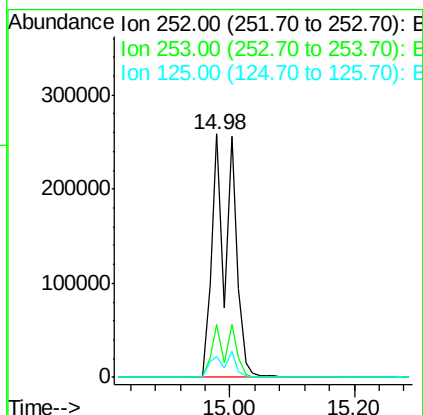
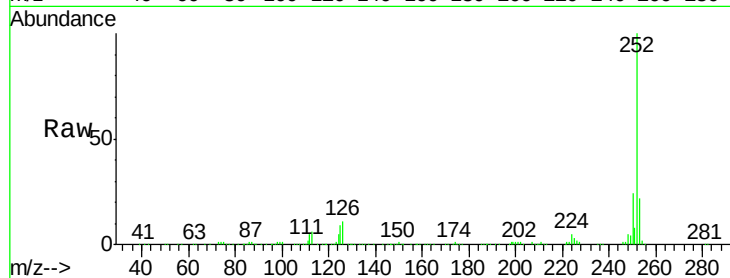




#88
Benzo(k)fluoranthene
Concen: 115.94 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

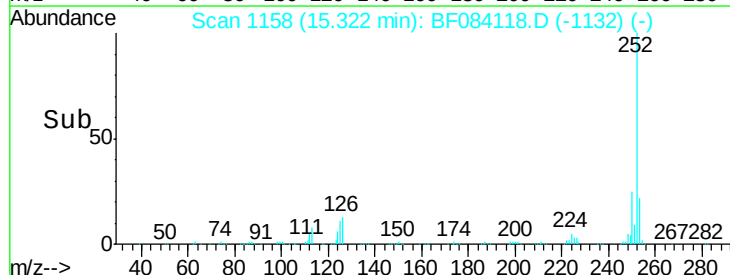
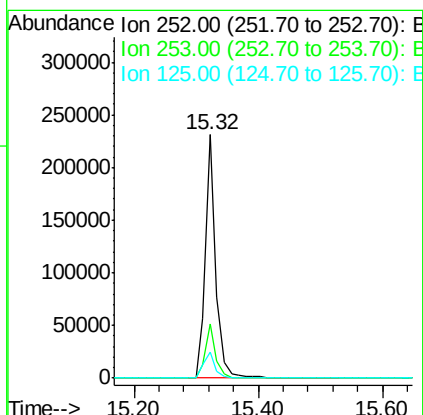
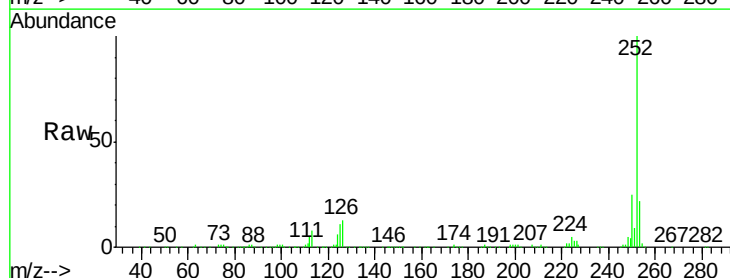
Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MSD

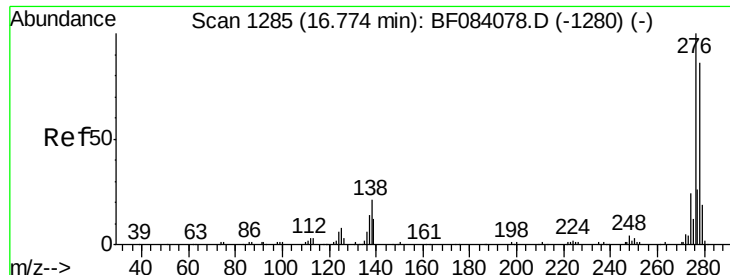
Tgt Ion: 252 Resp: 556179
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 8.7 9.0 13.6#



#89
Benzo(a)pyrene
Concen: 46.37 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF084118.D
Acq: 25 Dec 2015 9:46

Tgt Ion: 252 Resp: 270443
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 10.5 7.0 10.4#





#90

Dibenzo(a,h)anthracene

Concen: 47.78 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MSD

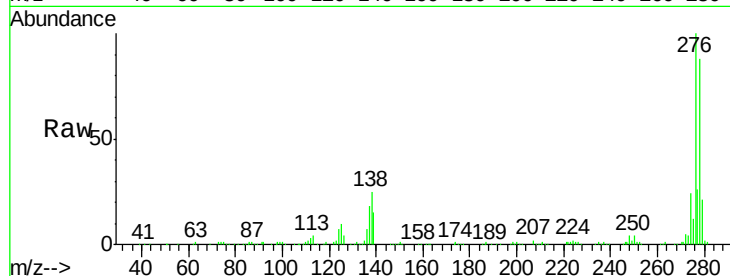
Tgt Ion:278 Resp: 271932

Ion Ratio Lower Upper

278 100

139 16.6 15.0 22.4

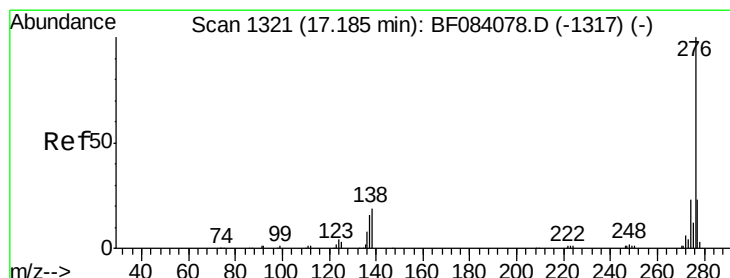
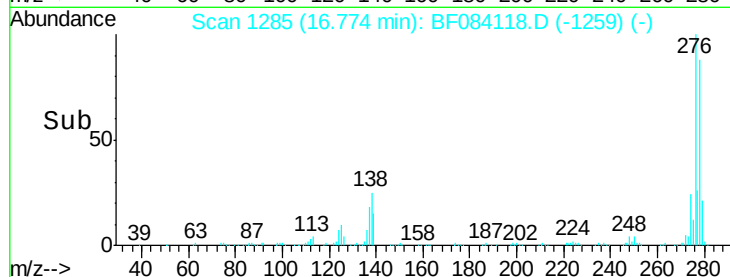
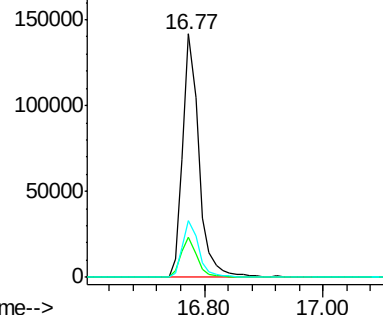
279 23.5 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 47.64 ng

RT: 17.19 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF084118.D

Acq: 25 Dec 2015 9:46

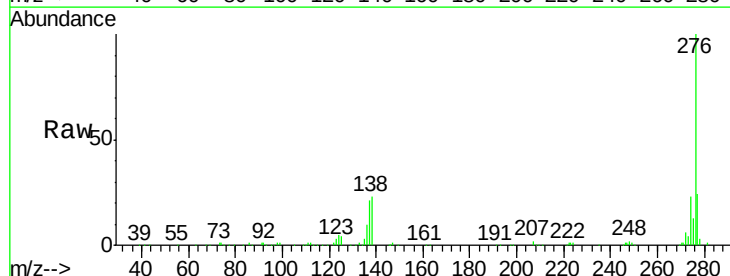
Tgt Ion:276 Resp: 276754

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 23.4 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

