

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084126.D
 Acq On : 25 Dec 2015 13:34
 Operator : UM/SJ
 Sample : G4961-02MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Quant Time: Dec 26 00:37:28 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	49425	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	191096	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	89528	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	165976	20.00	ng	0.00
75) Chrysene-d12	13.96	240	116411	20.00	ng	0.00
86) Perylene-d12	15.38	264	98336	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	379765	130.27	ng	0.01
7) Phenol-d6	6.46	99	490631	136.01	ng	0.01
23) Nitrobenzene-d5	7.37	82	292881	89.71	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	141771	148.49	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	567211	86.69	ng	0.00
78) Terphenyl-d14	12.90	244	491094	76.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	45709	38.26	ng	98
3) Pyridine	3.13	79	125671	43.07	ng	99
4) n-Nitrosodimethylamine	3.08	42	59595	46.35	ng	99
6) Aniline	6.46	93	109587	24.03	ng	# 70
8) 2-Chlorophenol	6.59	128	163187	45.08	ng	100
9) Benzaldehyde	6.35	77	46323	24.01	ng	91
10) Phenol	6.48	94	210894	51.12	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	133981	45.03	ng	91
12) 1,3-Dichlorobenzene	6.74	146	170080	43.03	ng	97
13) 1,4-Dichlorobenzene	6.74	146	170080	42.76	ng	95
14) 1,2-Dichlorobenzene	6.97	146	154461	42.14	ng	98
15) Benzyl Alcohol	6.96	79	140951	51.60	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.08	45	120056	41.31	ng	# 1
17) 2-Methylphenol	7.08	107	127351	45.81	ng	# 89
18) Hexachloroethane	7.31	117	61988	42.70	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	95067	42.79	ng	# 86
20) 3+4-Methylphenols	7.23	107	168413	47.49	ng	# 51
22) Acetophenone	7.22	105	222005	46.50	ng	# 88
24) Nitrobenzene	7.39	77	163464	47.16	ng	91
25) Isophorone	7.63	82	279836	46.34	ng	95
26) 2-Nitrophenol	7.71	139	85030	47.93	ng	93
27) 2,4-Dimethylphenol	7.76	122	149363	50.73	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	160016	45.45	ng	99
29) 2,4-Dichlorophenol	7.96	162	130652	47.78	ng	91
30) 1,2,4-Trichlorobenzene	8.03	180	137774	45.97	ng	98
31) Naphthalene	8.11	128	473270	46.55	ng	99
32) Benzoic acid	7.88	122	34412	24.37	ng	93
33) 4-Chloroaniline	8.17	127	50439	12.47	ng	# 89
34) Hexachlorobutadiene	8.22	225	73388	42.94	ng	98
35) Caprolactam	8.53	113	28943	38.16	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	156739	50.97	ng	94
37) 2-Methylnaphthalene	8.80	142	302177	47.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	131062	46.44	ng	99
40) Hexachlorocyclopentadiene	8.96	237	72157	85.45	ng	98

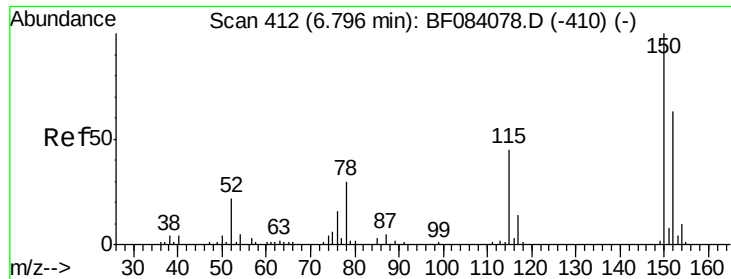
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	80534	43.76	ng	96
43) 2,4,5-Trichlorophenol	9.14	196	88556	48.08	ng	98
45) 1,1'-Biphenyl	9.26	154	400541	49.52	ng	97
46) 2-Chloronaphthalene	9.29	162	289985	47.16	ng	95
47) 2-Nitroaniline	9.39	65	88818	54.36	ng	# 76
48) Acenaphthylene	9.70	152	434626	43.04	ng	99
49) Dimethylphthalate	9.57	163	521704	70.36	ng	# 91
50) 2,6-Dinitrotoluene	9.63	165	73325	46.59	ng	# 66
51) Acenaphthene	9.87	154	256145	43.61	ng	99
52) 3-Nitroaniline	9.80	138	44052	26.08	ng	# 76
53) 2,4-Dinitrophenol	9.92	184	35654	63.99	ng	90
54) Dibenzofuran	10.04	168	375065	46.44	ng	# 89
55) 4-Nitrophenol	10.00	139	82788	96.03	ng	97
56) 2,4-Dinitrotoluene	10.04	165	106973	51.49	ng	91
57) Fluorene	10.38	166	300378	43.76	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	66526	50.67	ng	97
59) Diethylphthalate	10.27	149	362690	48.15	ng	100
60) 4-Chlorophenyl-phenylether	10.37	204	129671	40.96	ng	# 79
61) 4-Nitroaniline	10.42	138	74400	47.66	ng	97
62) Azobenzene	10.53	77	309415	49.86	ng	89
64) 4,6-Dinitro-2-methylphenol	10.45	198	41764	45.33	ng	88
65) n-Nitrosodiphenylamine	10.50	169	280044	47.33	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	87750	45.64	ng	# 76
67) Hexachlorobenzene	10.93	284	93206	44.28	ng	# 73
68) Atrazine	11.04	200	88921	49.90	ng	92
69) Pentachlorophenol	11.14	266	66415	94.38	ng	99
70) Phenanthrene	11.34	178	434406	44.15	ng	99
71) Anthracene	11.40	178	472711	45.94	ng	99
72) Carbazole	11.55	167	407722	46.58	ng	99
73) Di-n-butylphthalate	11.88	149	491580	43.59	ng	# 98
74) Fluoranthene	12.53	202	455807	44.65	ng	97
76) Benzidine	12.65	184	141186	35.68	ng	100
77) Pyrene	12.76	202	478642	47.66	ng	100
79) Butylbenzylphthalate	13.38	149	203329	48.91	ng	# 76
80) Benzo(a)anthracene	13.95	228	332387	46.42	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	80370	37.06	ng	# 95
82) Chrysene	13.99	228	316048	47.86	ng	100
83) Bis(2-ethylhexyl)phthalate	13.94	149	267770	49.85	ng	# 96
84) Di-n-octyl phthalate	14.55	149	402786	53.29	ng	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	322584	48.79	ng	99
87) Benzo(b)fluoranthene	15.00	252	580808	79.53	ng	98
88) Benzo(k)fluoranthene	15.00	252	580808	117.36	ng	# 98
89) Benzo(a)pyrene	15.32	252	280310	46.59	ng	99
90) Dibenzo(a,h)anthracene	16.77	278	267461	45.55	ng	96
91) Benzo(g,h,i)perylene	17.19	276	271117	45.24	ng	98

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

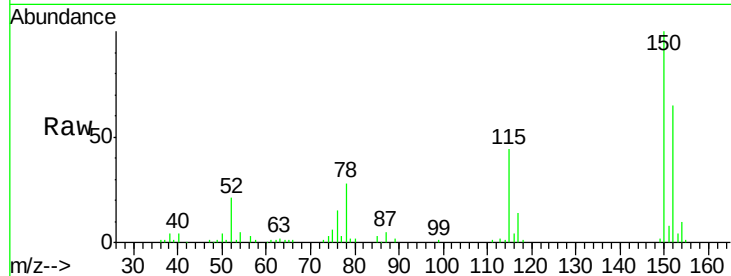


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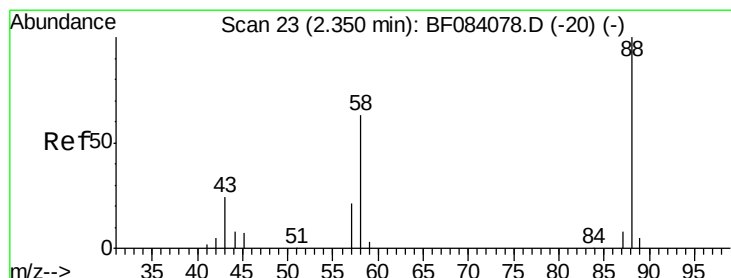
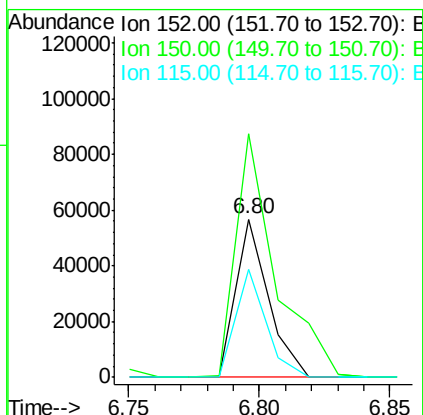
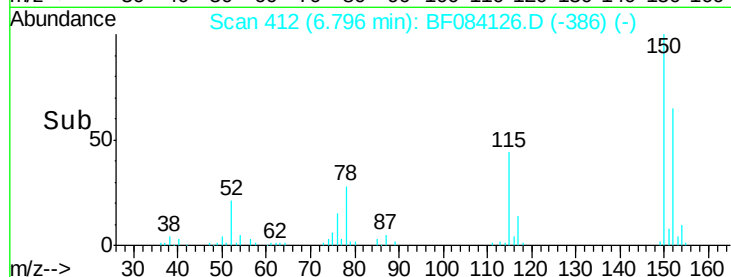
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tgt Ion:152 Resp: 49425
Ion Ratio Lower Upper
152 100
150 153.9 123.0 184.4
115 68.3 51.4 77.2



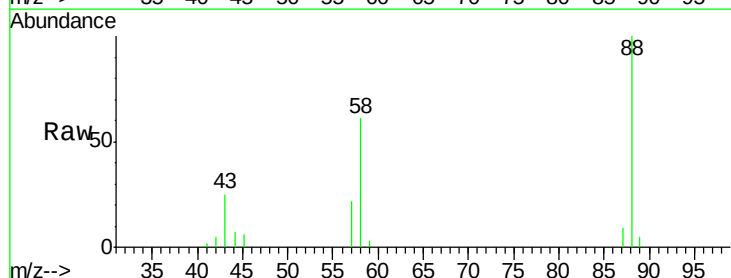
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



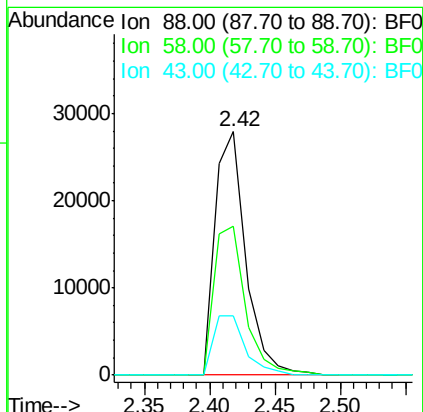
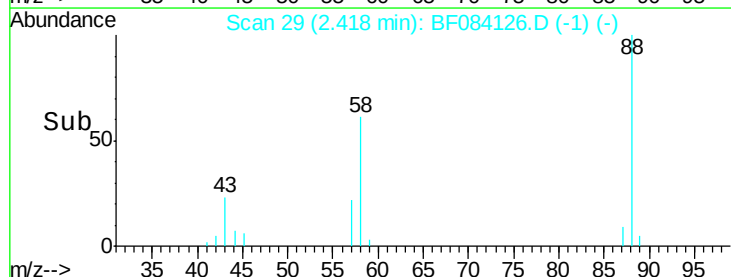
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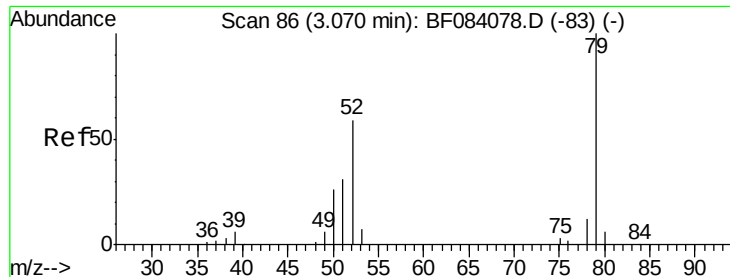
1,4-Dioxane
Concen: 38.26 ng
RT: 2.42 min Scan# 29
Delta R.T. 0.07 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion: 88 Resp: 45709
Ion Ratio Lower Upper
88 100
58 63.0 51.2 76.8
43 25.9 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: 43.07 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.06 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

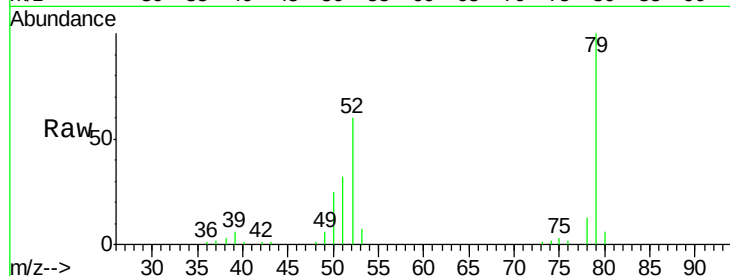
Tgt Ion: 79 Resp: 125671

Ion Ratio Lower Upper

79 100

52 60.0 49.0 73.4

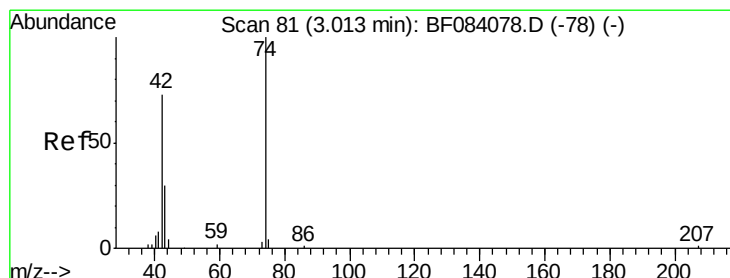
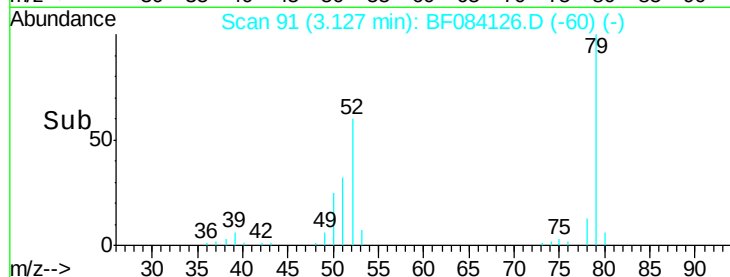
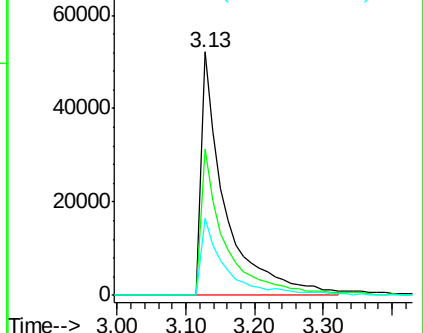
51 31.6 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 46.35 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.07 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

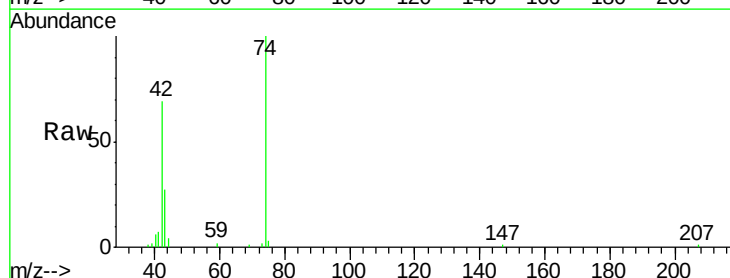
Tgt Ion: 42 Resp: 59595

Ion Ratio Lower Upper

42 100

74 144.0 115.7 173.5

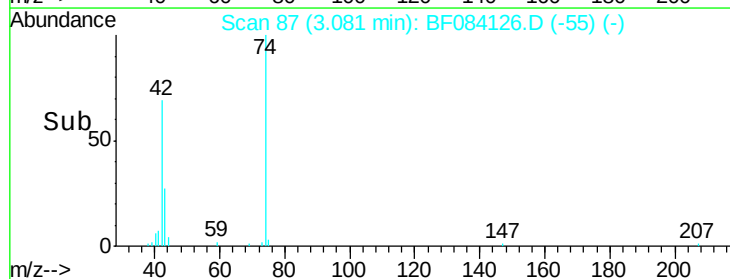
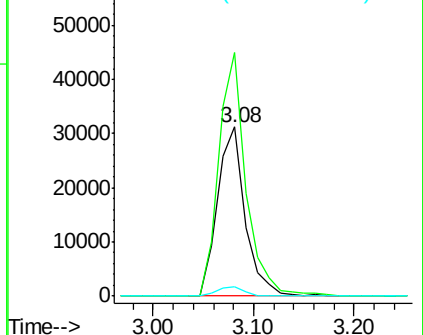
44 5.9 5.1 7.7

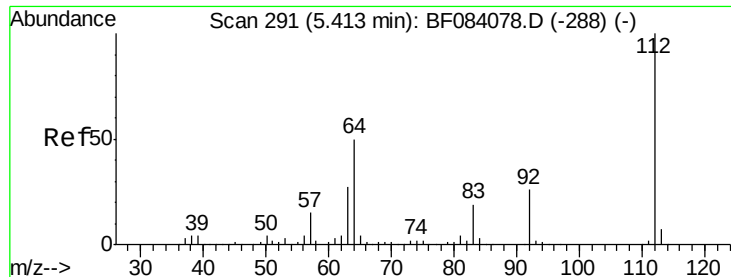


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.27 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

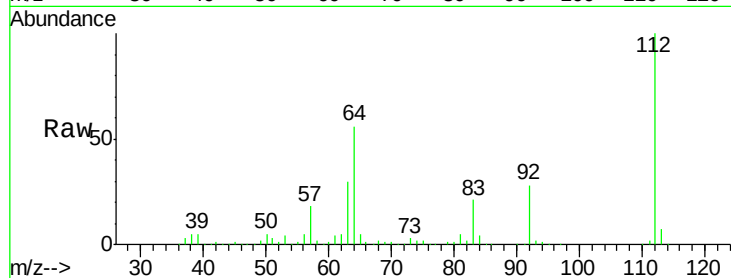
Tgt Ion: 112 Resp: 379765

Ion Ratio Lower Upper

112 100

64 55.6 36.6 55.0#

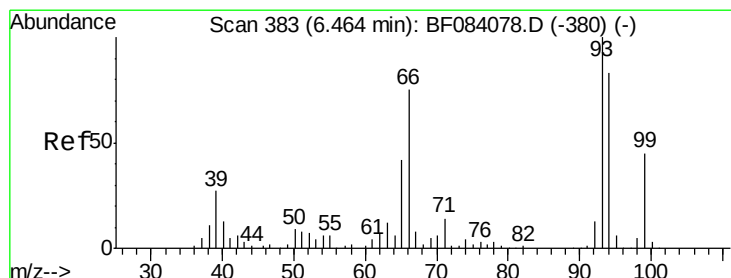
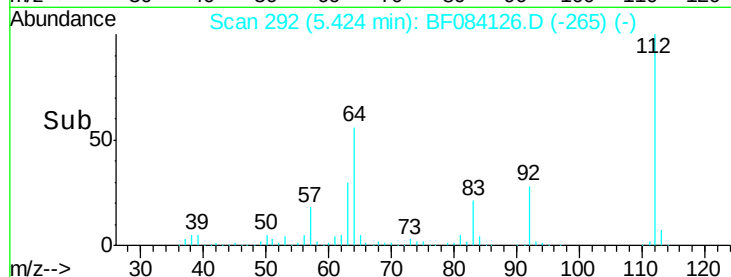
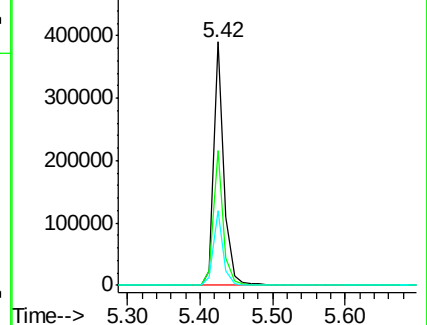
63 30.4 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.03 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

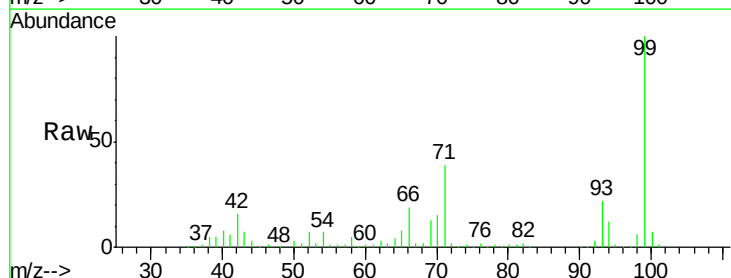
Tgt Ion: 93 Resp: 109587

Ion Ratio Lower Upper

93 100

66 84.1 44.9 67.3#

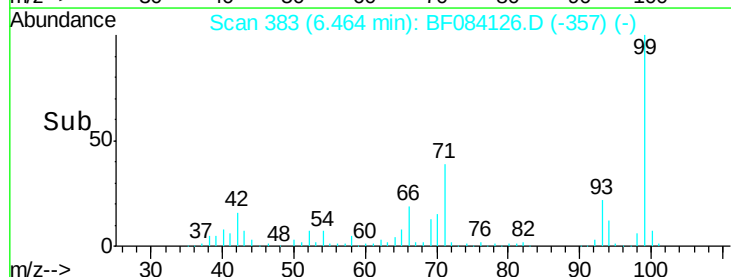
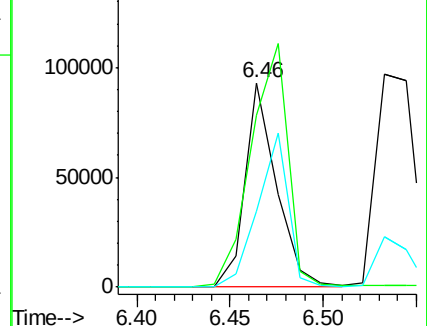
65 37.1 23.7 35.5#

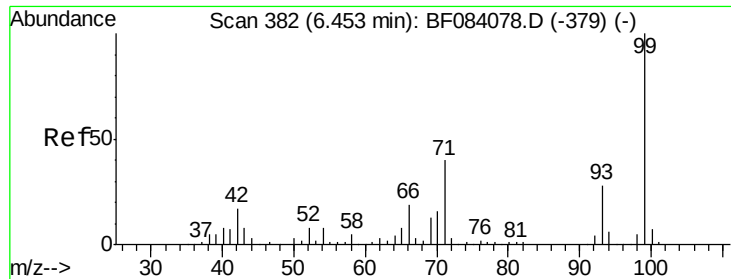


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.01 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

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PJ-SB-7(21.0-21.5)MSD

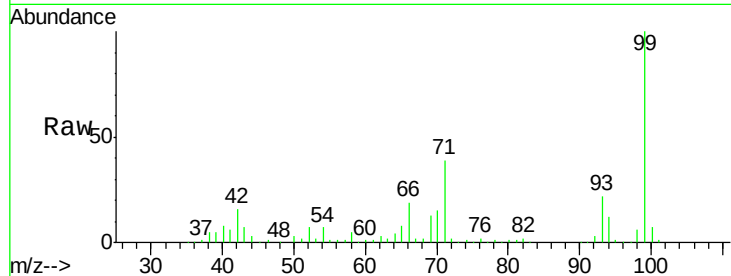
Tgt Ion: 99 Resp: 490631

Ion Ratio Lower Upper

99 100

42 15.7 12.8 19.2

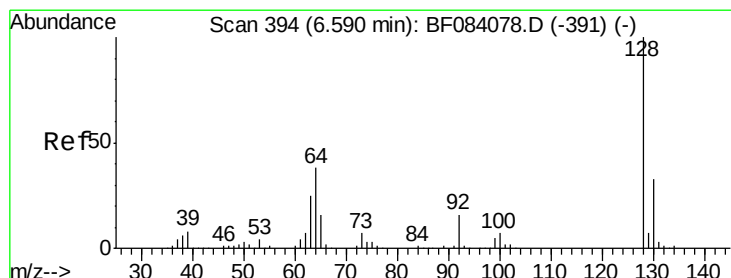
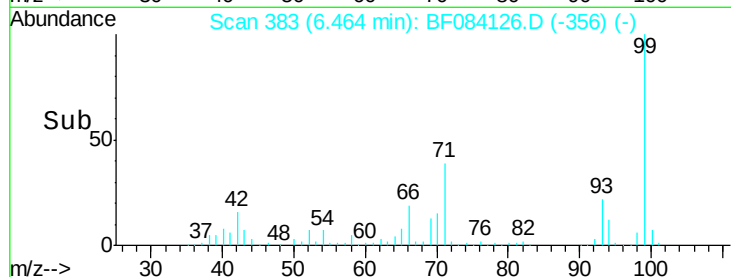
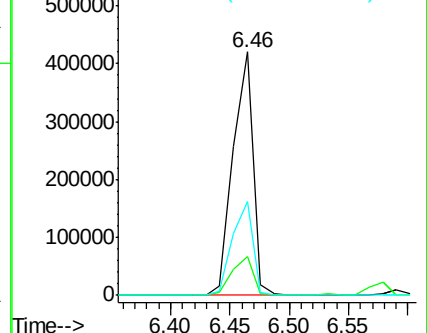
71 38.7 30.9 46.3



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: 45.08 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

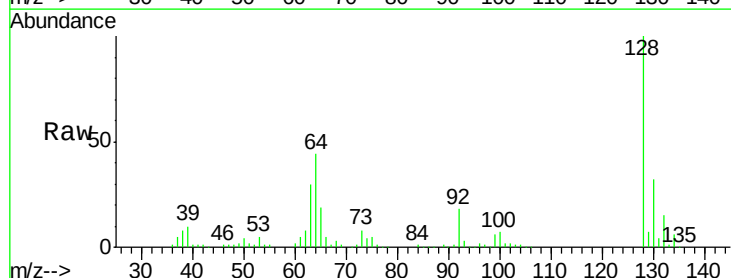
Tgt Ion: 128 Resp: 163187

Ion Ratio Lower Upper

128 100

130 31.6 11.6 51.6

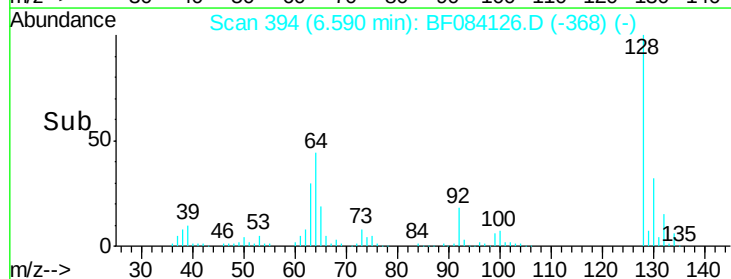
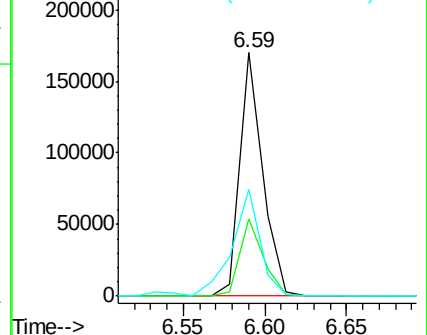
64 43.7 23.8 63.8

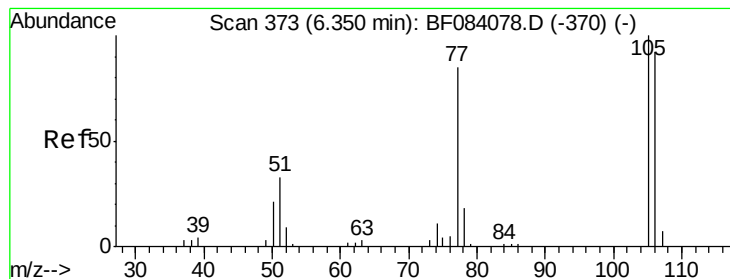


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.01 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

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ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

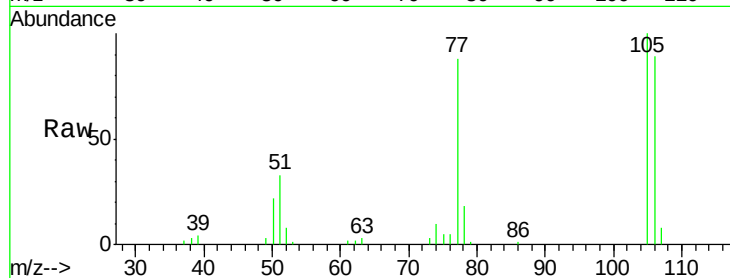
Tgt Ion: 77 Resp: 46323

Ion Ratio Lower Upper

77 100

105 113.8 83.0 123.0

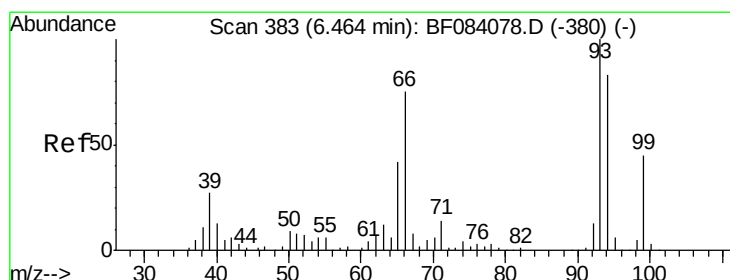
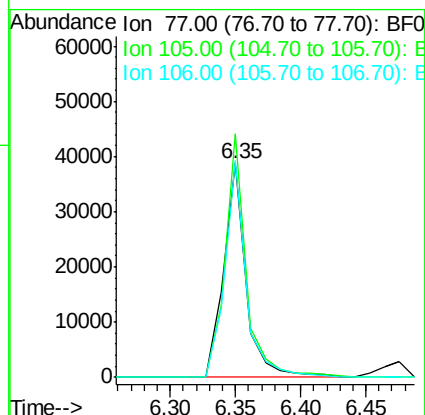
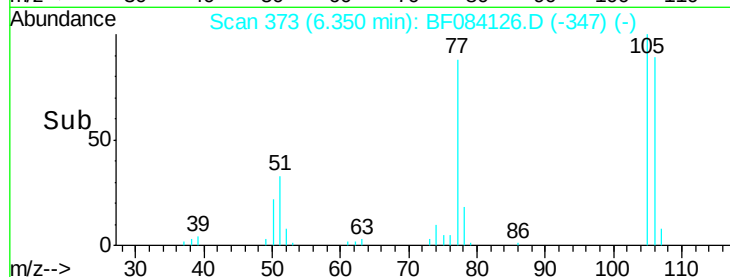
106 101.4 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 51.12 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

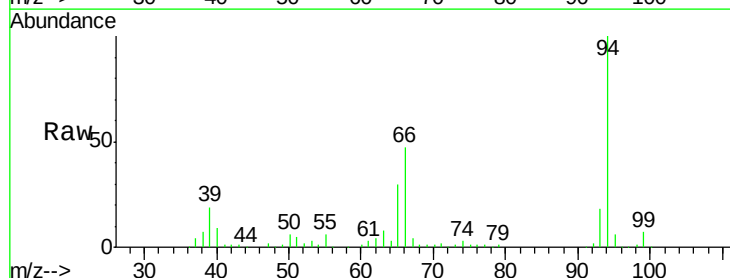
Tgt Ion: 94 Resp: 210894

Ion Ratio Lower Upper

94 100

65 29.5 12.9 52.9

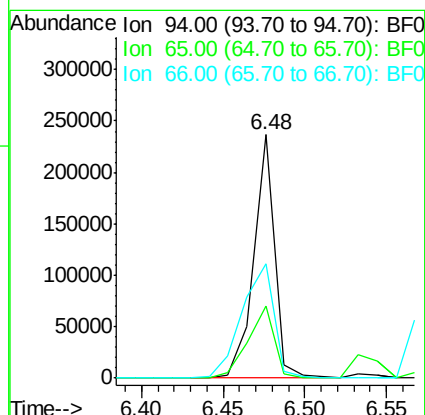
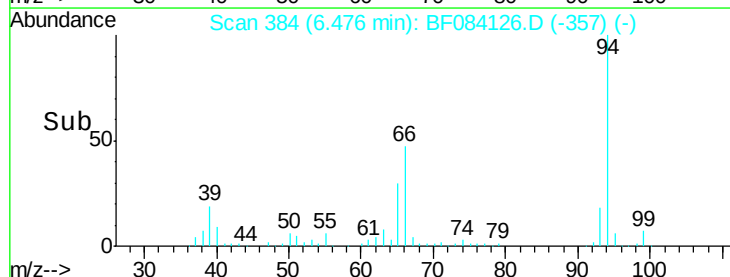
66 46.9 32.7 72.7

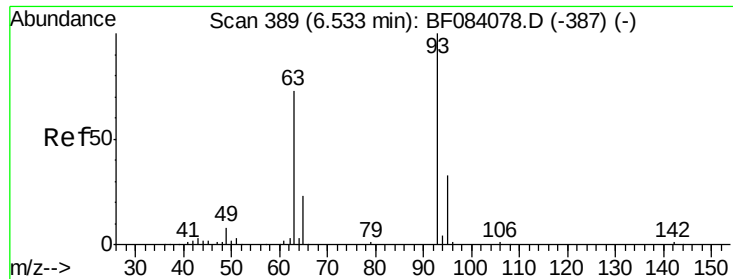


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.03 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

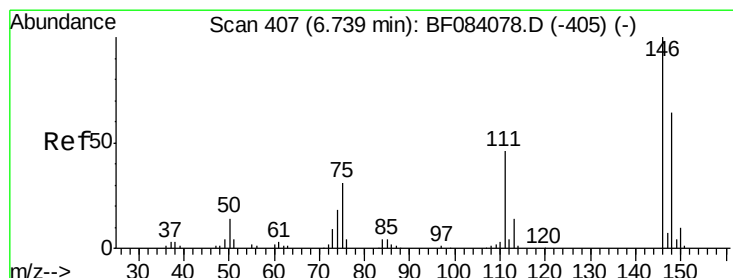
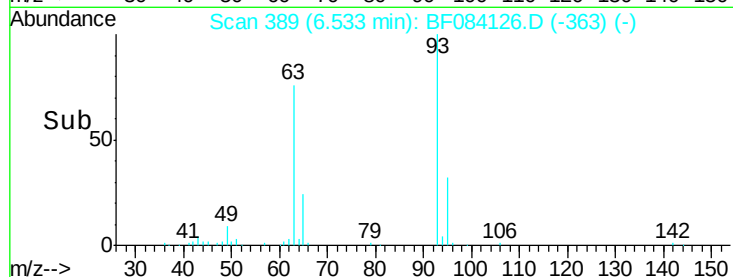
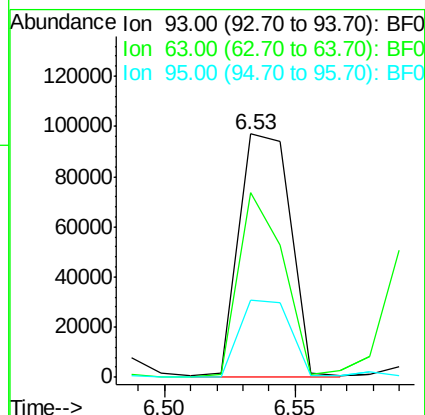
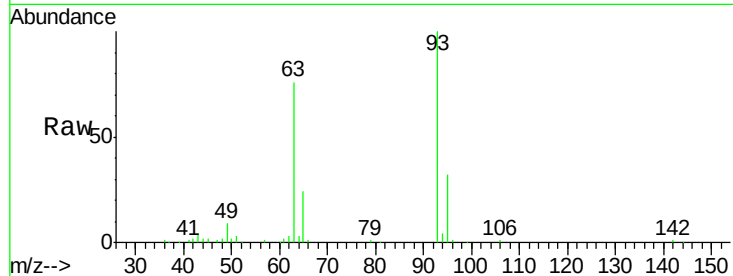
Tgt Ion: 93 Resp: 133981

Ion Ratio Lower Upper

93 100

63 76.0 45.9 85.9

95 31.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 43.03 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

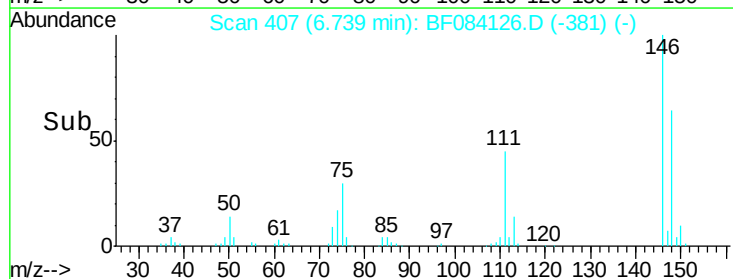
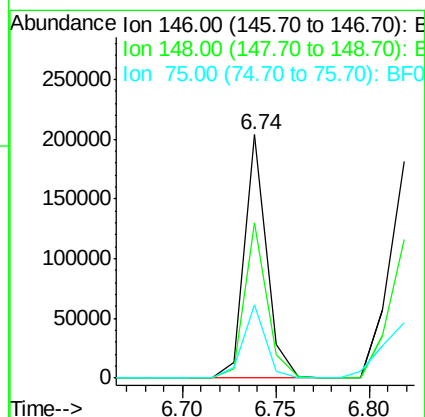
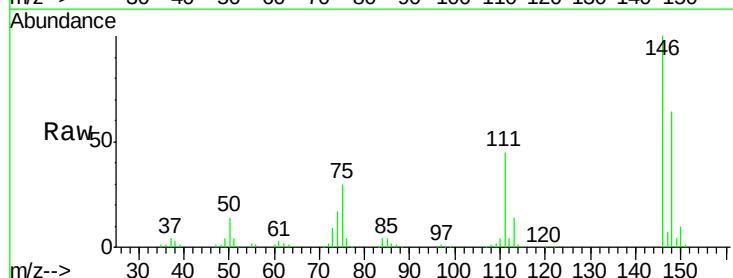
Tgt Ion: 146 Resp: 170080

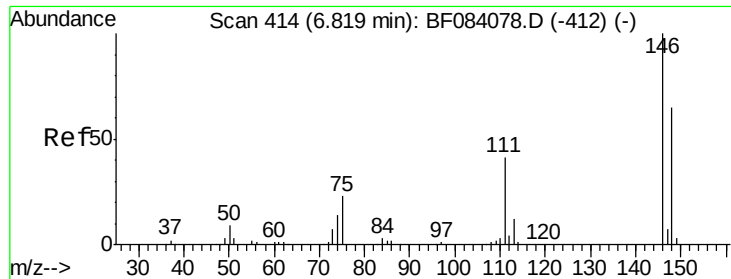
Ion Ratio Lower Upper

146 100

148 64.0 51.9 77.9

75 30.3 20.5 30.7

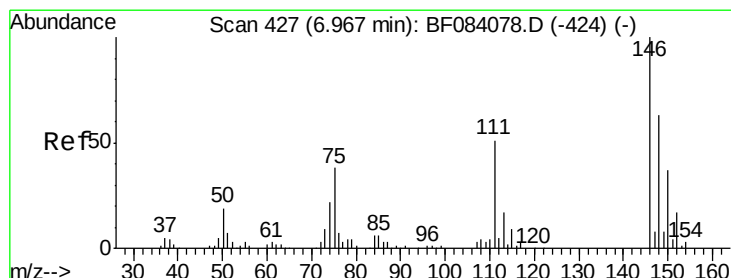
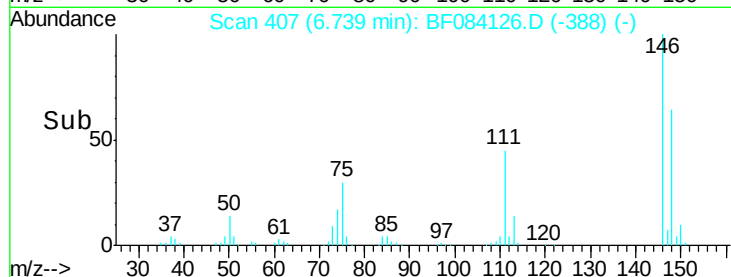
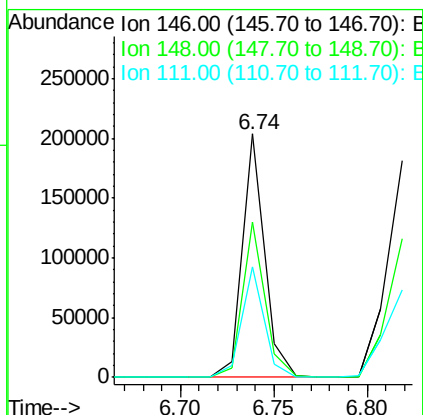
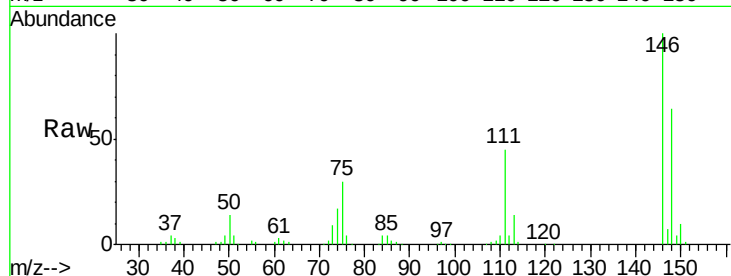




#13
 1,4-Dichlorobenzene
 Concen: 42.76 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.08 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

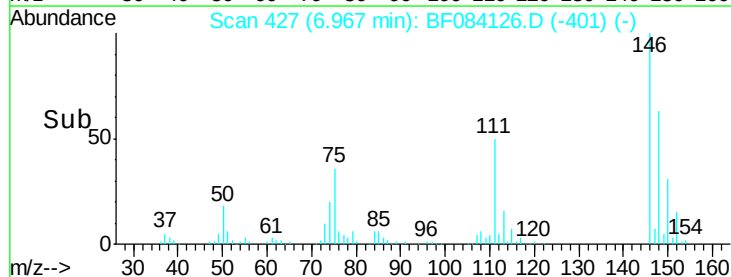
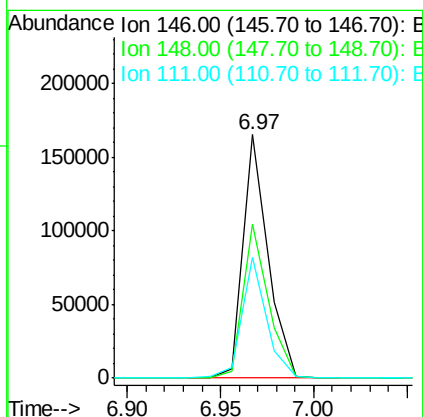
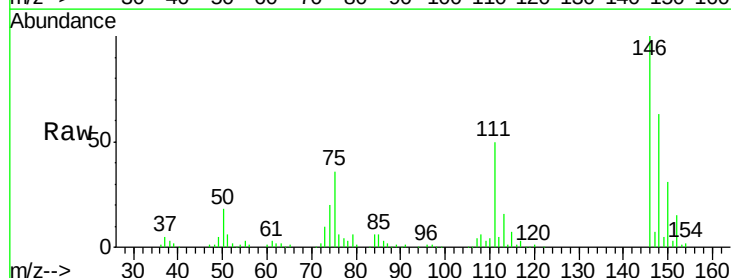
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

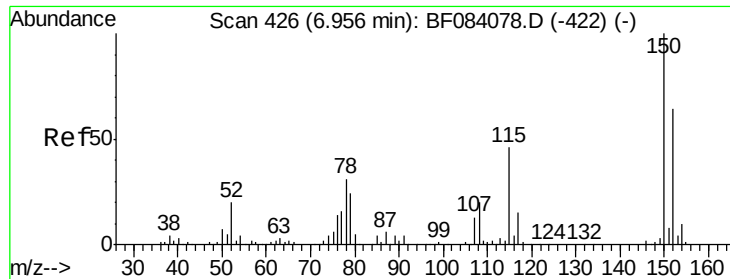
Tgt Ion:146 Resp: 170080
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.9 77.9
 111 45.5 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 42.14 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion:146 Resp: 154461
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.6 77.4
 111 49.6 38.0 57.0

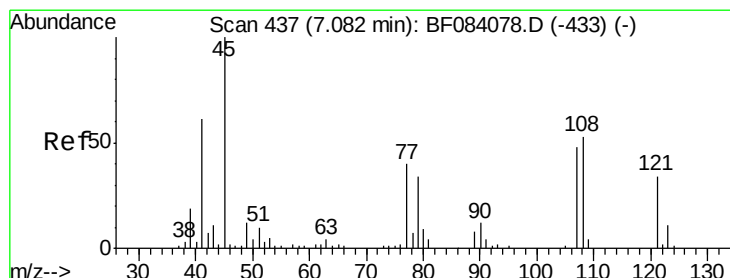
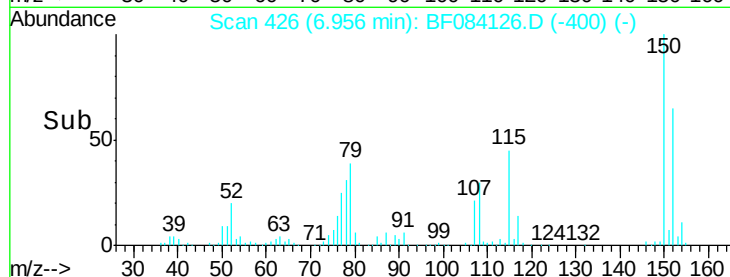
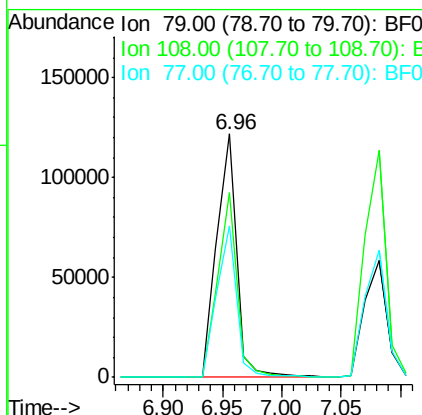
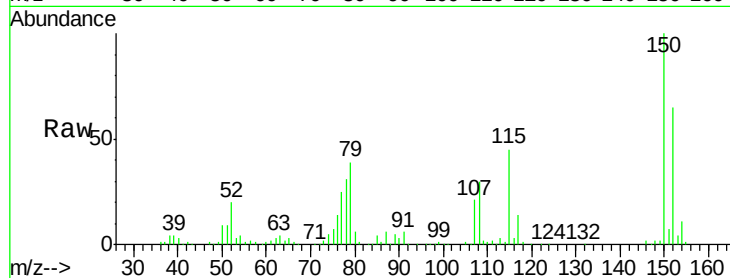




#15
Benzyl Alcohol
Concen: 51.60 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

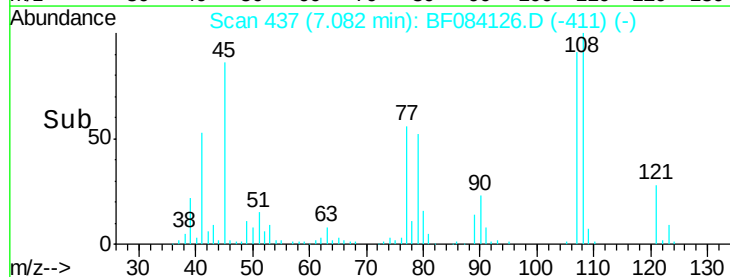
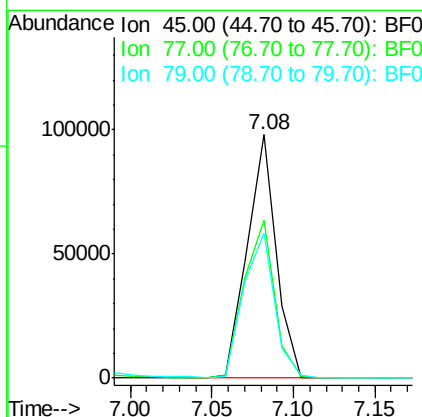
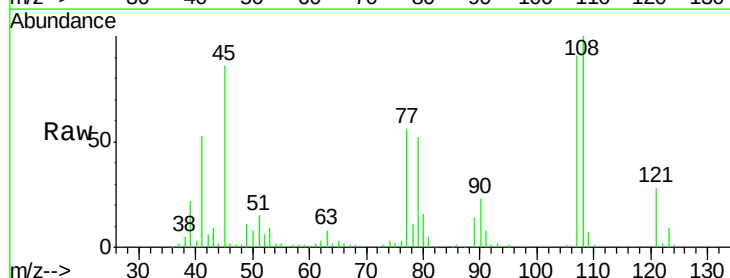
Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

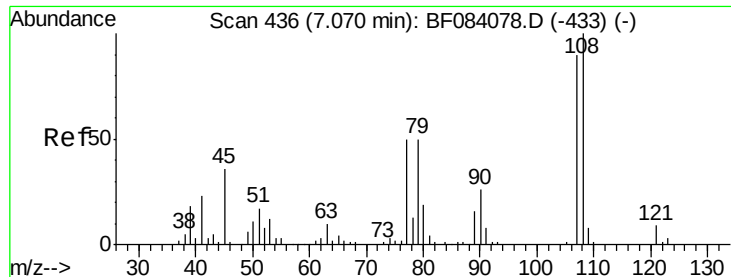
Tgt Ion: 79 Resp: 140951
Ion Ratio Lower Upper
79 100
108 75.9 69.0 103.4
77 62.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.31 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion: 45 Resp: 120056
Ion Ratio Lower Upper
45 100
77 64.9 0.0 39.6#
79 59.8 0.0 35.0#

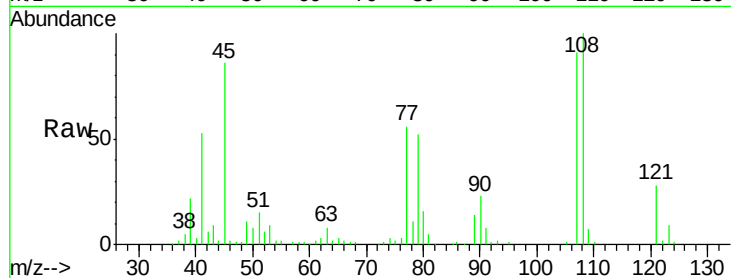




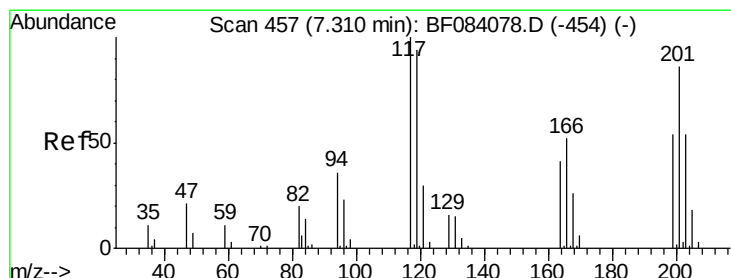
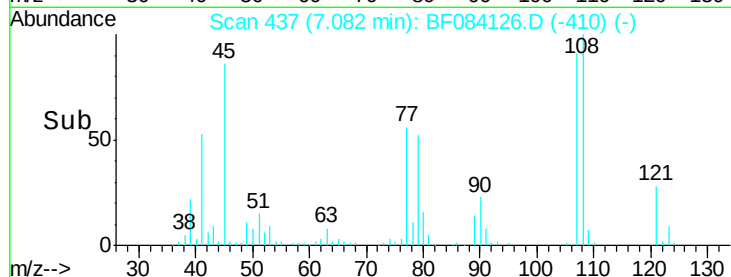
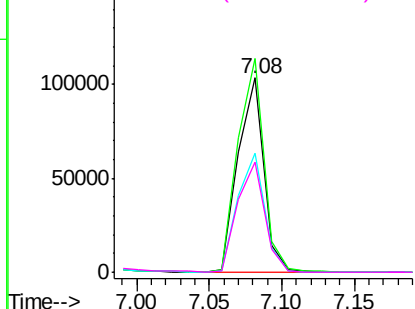
#17
2-Methylphenol
Concen: 45.81 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.01 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tgt Ion:107 Resp: 127351
Ion Ratio Lower Upper
107 100
108 109.9 89.8 134.6
77 61.5 35.7 53.5#
79 56.6 35.7 53.5#

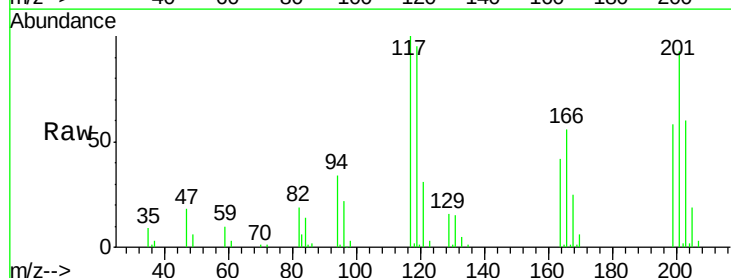


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

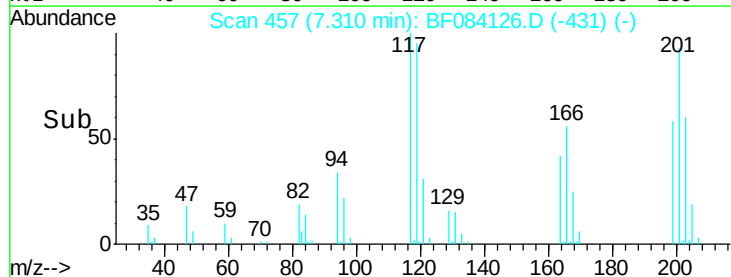
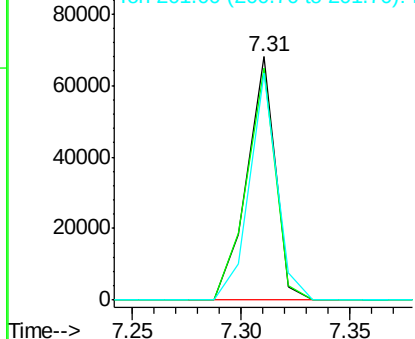


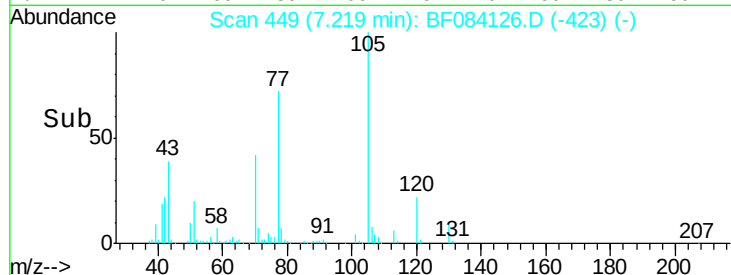
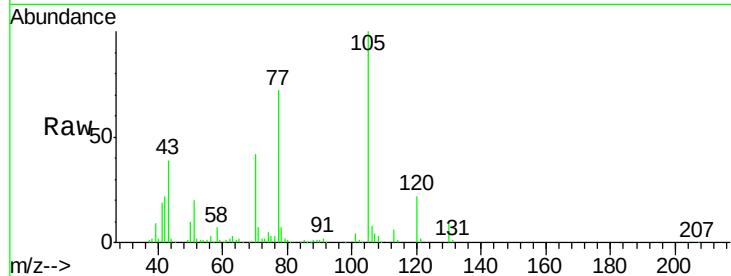
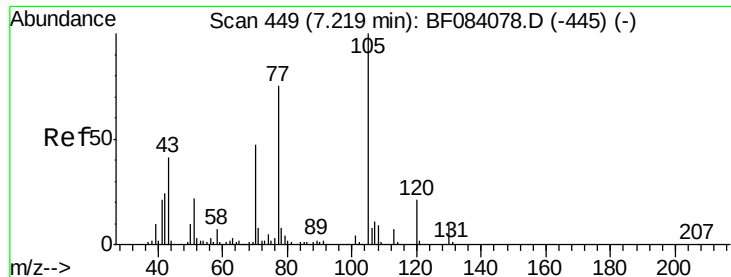
#18
Hexachloroethane
Concen: 42.70 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion:117 Resp: 61988
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0
201 93.4 68.6 103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

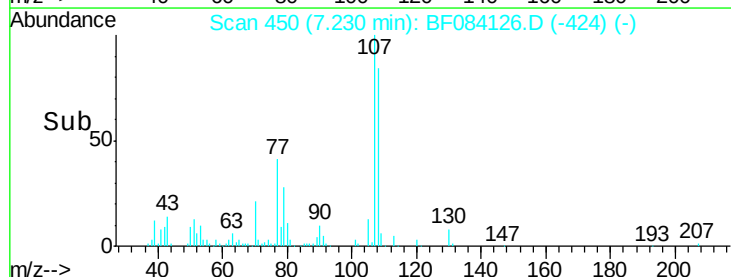
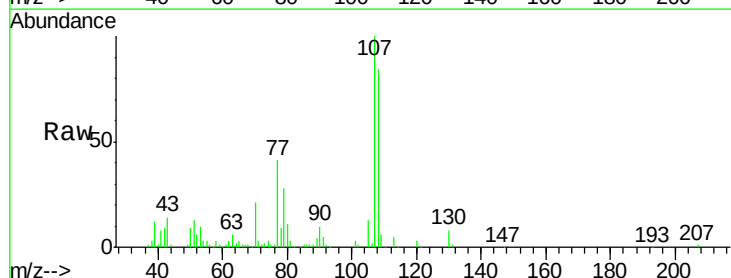
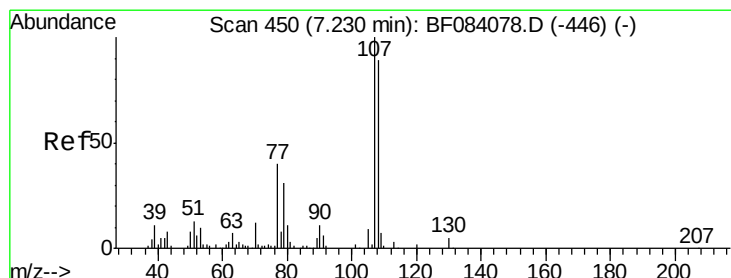
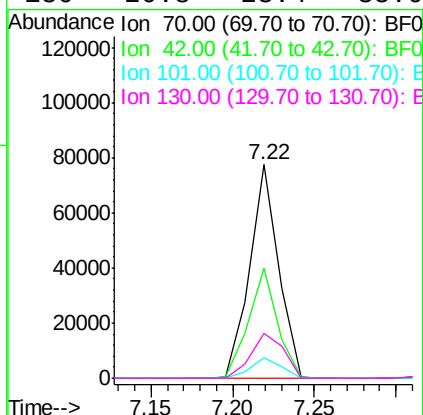




#19
n-Nitroso-di-n-propylamine
Concen: 42.79 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

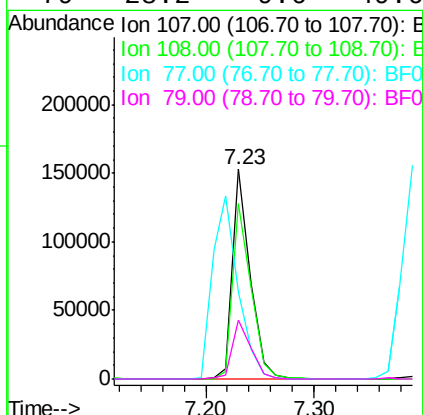
Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

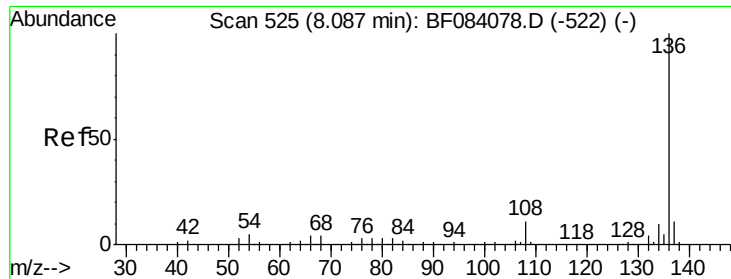
Tgt Ion: 70 Resp: 95067
Ion Ratio Lower Upper
70 100
42 51.3 33.3 49.9#
101 9.8 9.3 13.9
130 20.8 23.4 35.0#



#20
3+4-Methylphenols
Concen: 47.49 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion: 107 Resp: 168413
Ion Ratio Lower Upper
107 100
108 83.6 64.1 104.1
77 41.3 128.9 168.9#
79 28.2 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tgt Ion:136 Resp: 191096

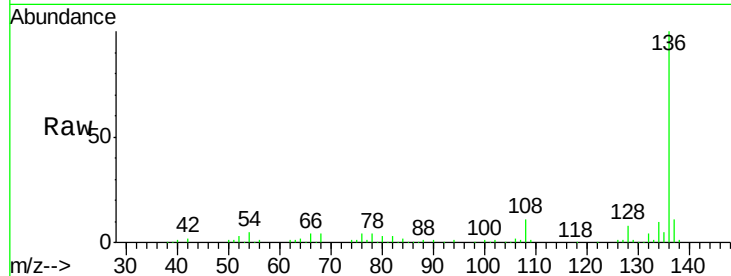
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.1 5.8 8.8#

68 3.6 4.2 6.2#

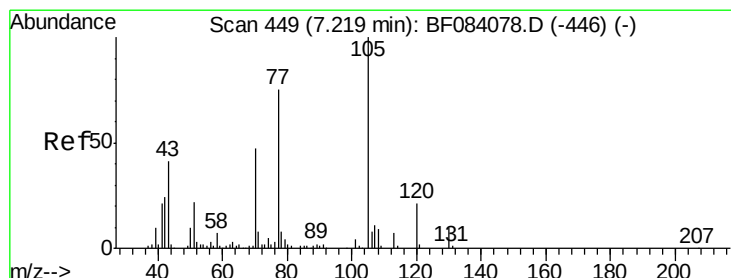
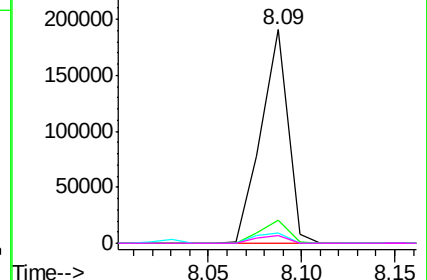
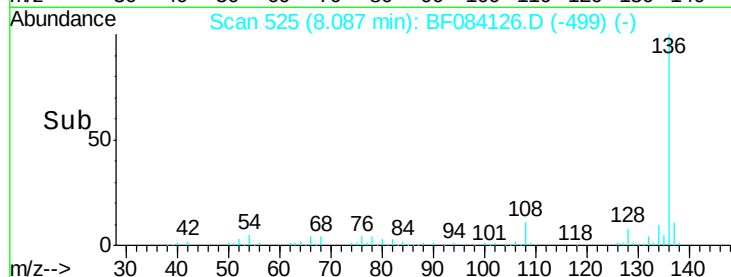


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.50 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:105 Resp: 222005

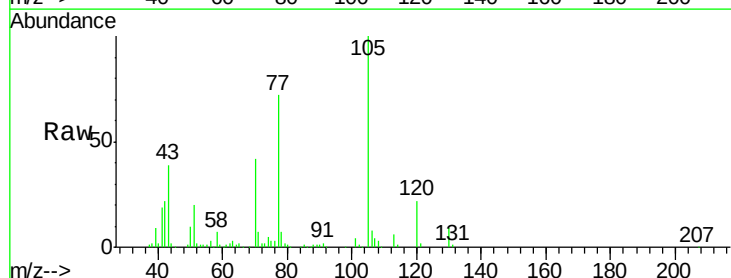
Ion Ratio Lower Upper

105 100

71 7.1 3.7 5.5#

51 20.5 25.1 37.7#

120 21.6 16.6 25.0

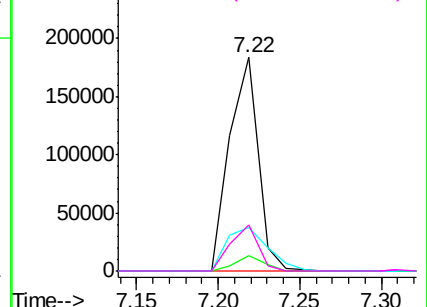
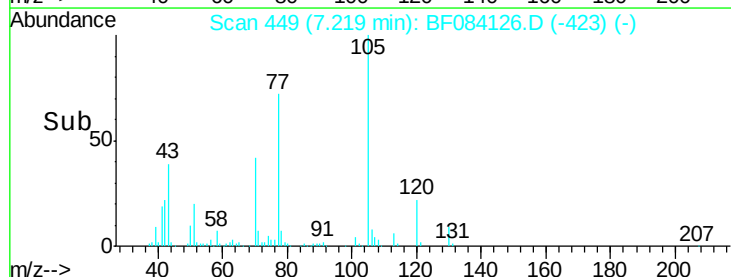


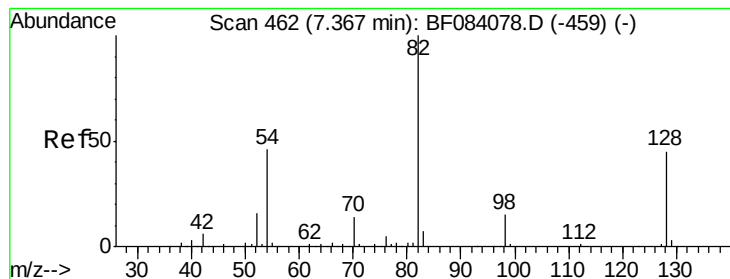
Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.71 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

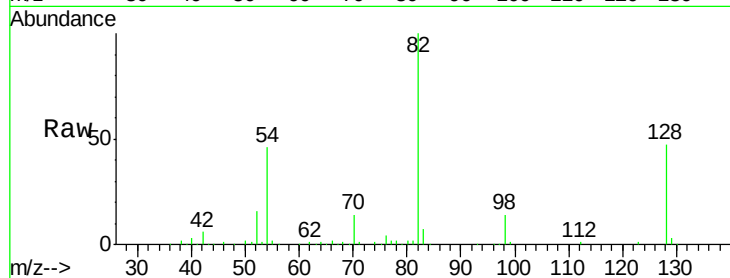
Tgt Ion: 82 Resp: 292881

Ion Ratio Lower Upper

82 100

128 46.5 34.6 51.8

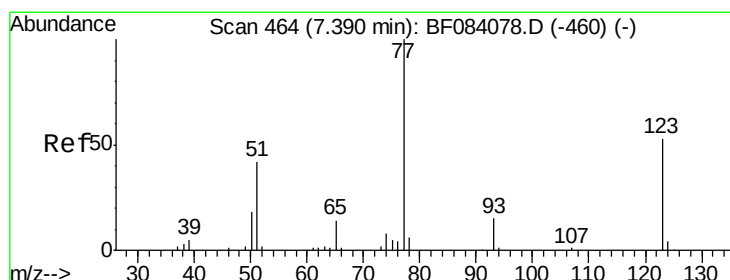
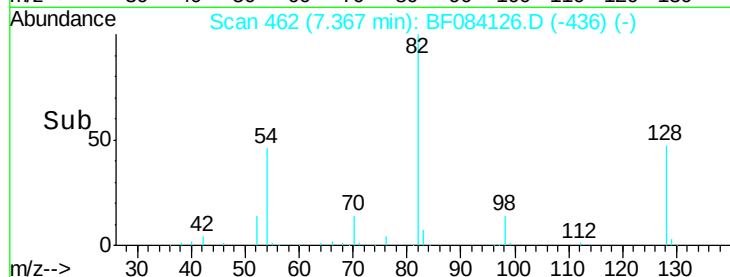
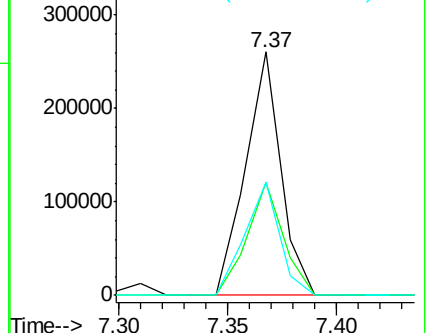
54 46.4 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 47.16 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

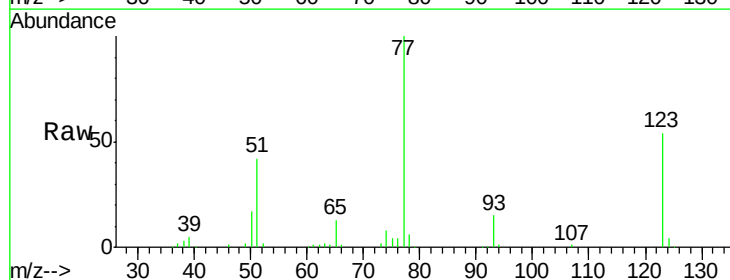
Tgt Ion: 77 Resp: 163464

Ion Ratio Lower Upper

77 100

123 54.3 37.4 56.2

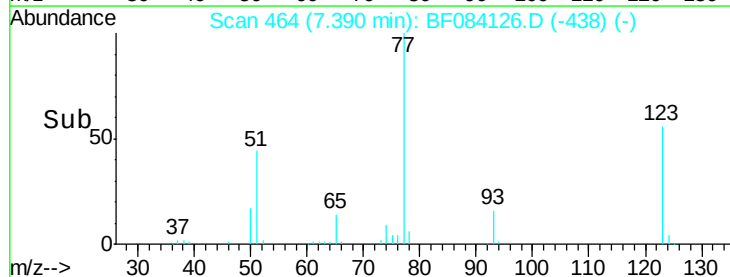
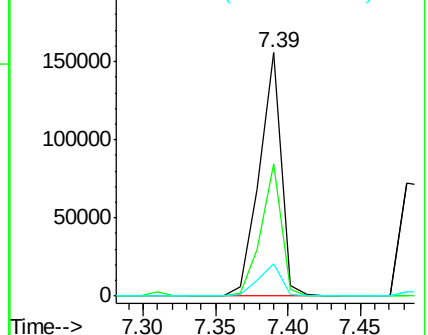
65 13.3 10.9 16.3

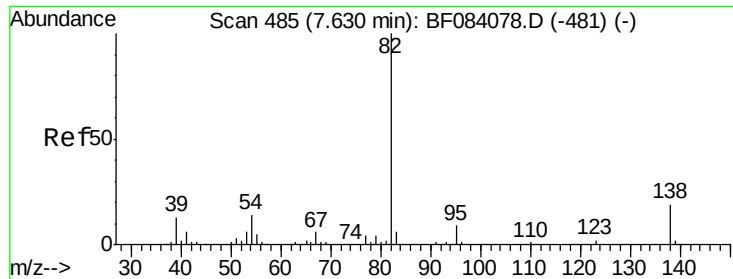


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.34 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

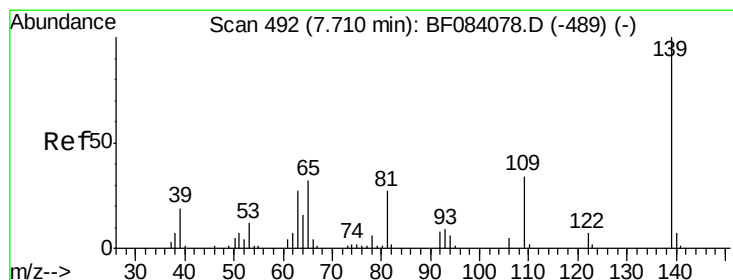
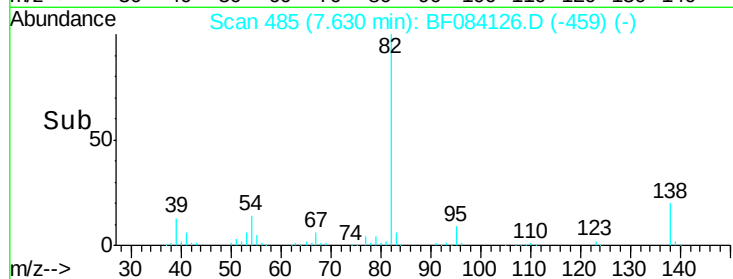
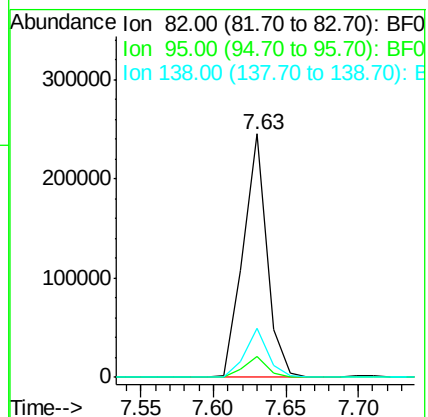
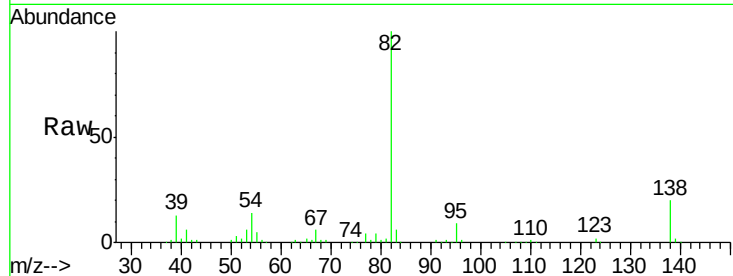
Tgt Ion: 82 Resp: 279836

Ion Ratio Lower Upper

82 100

95 8.7 6.6 10.0

138 20.1 13.6 20.4



#26

2-Nitrophenol

Concen: 47.93 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

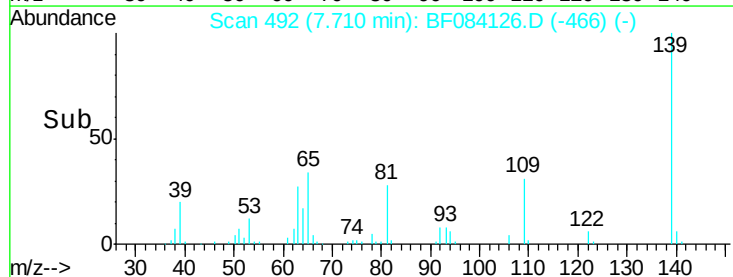
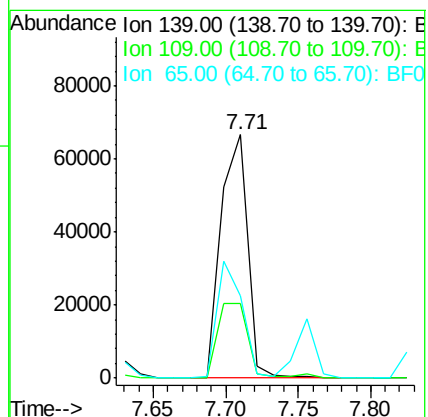
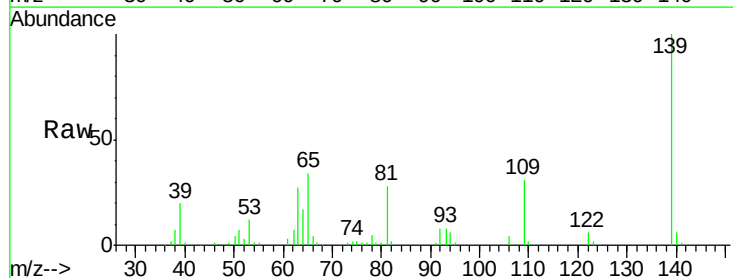
Tgt Ion: 139 Resp: 85030

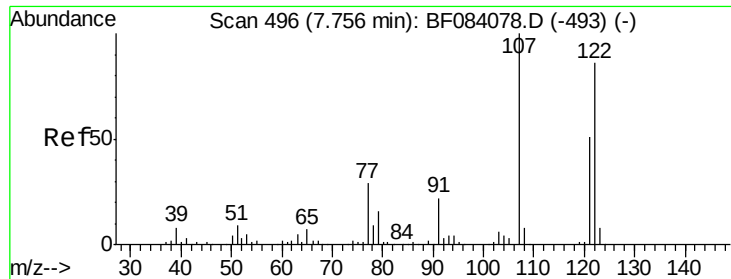
Ion Ratio Lower Upper

139 100

109 30.6 25.4 38.2

65 33.8 32.3 48.5





#27

2,4-Dimethylphenol

Concen: 50.73 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

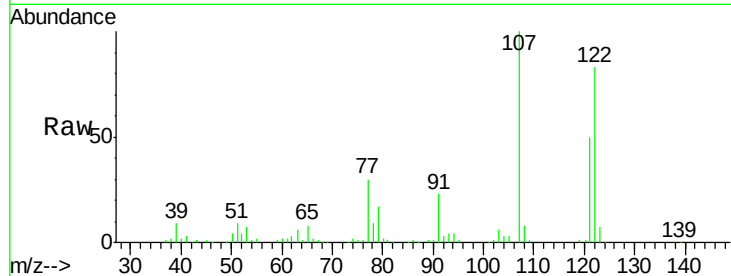
Tgt Ion:122 Resp: 149363

Ion Ratio Lower Upper

122 100

107 119.8 99.1 148.7

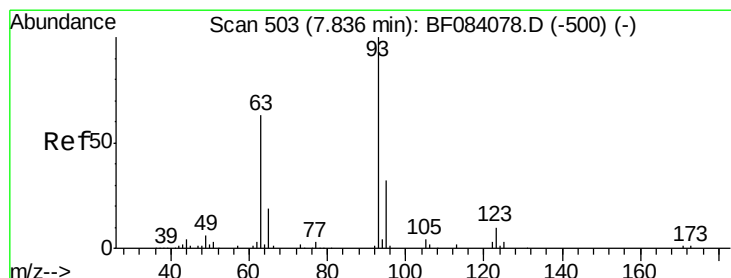
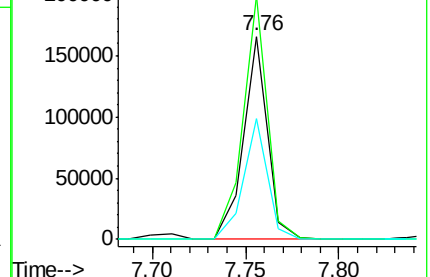
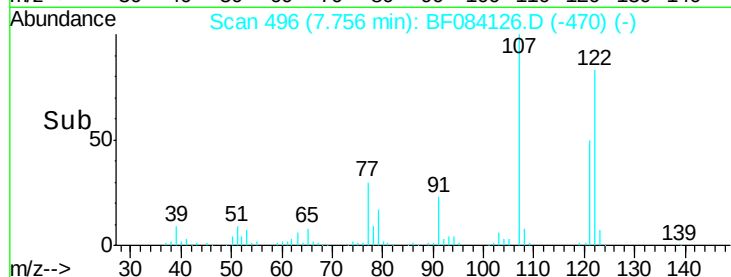
121 59.7 47.9 71.9



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: 45.45 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

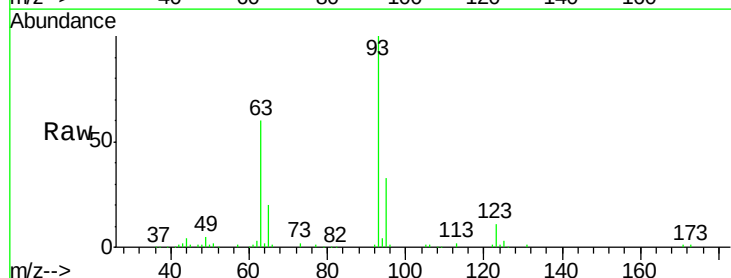
Tgt Ion: 93 Resp: 160016

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

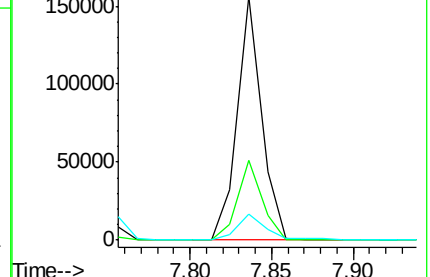
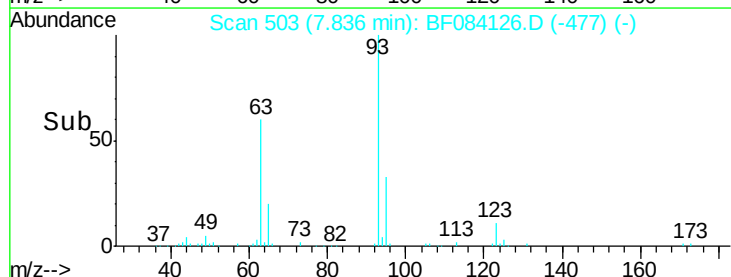
123 10.8 8.6 12.8

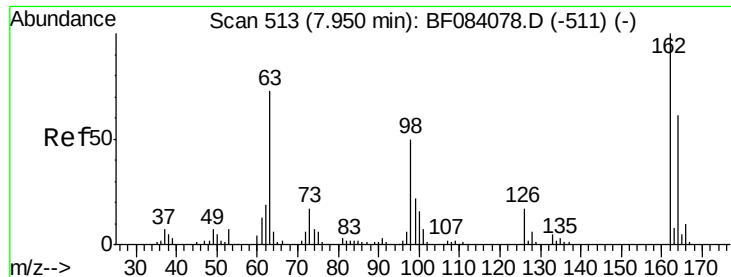


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

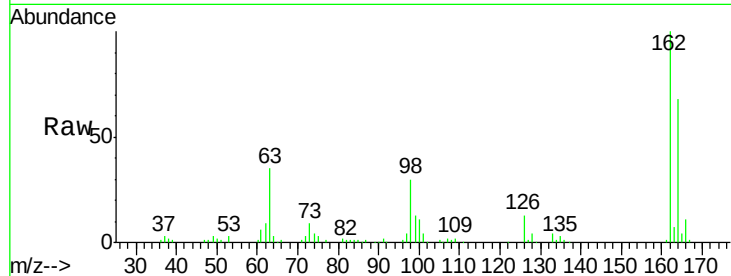




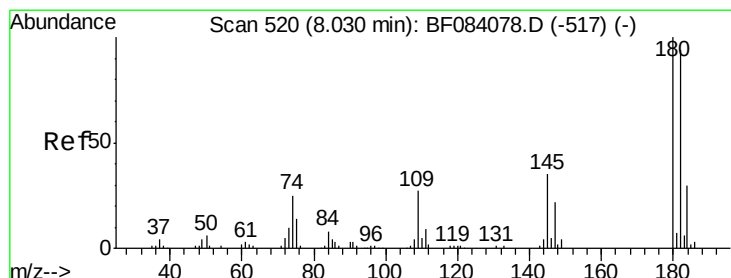
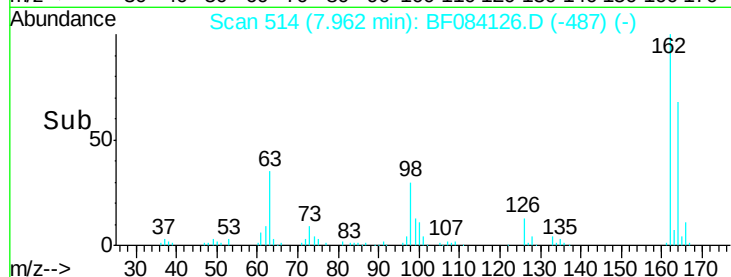
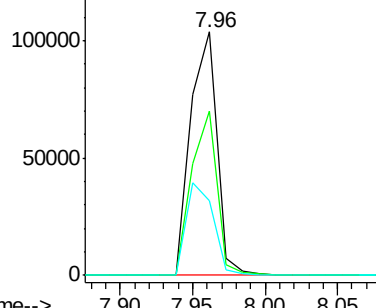
#29
2,4-Dichlorophenol
Concen: 47.78 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.01 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.6	44.1	84.1
98	30.5	20.2	60.2

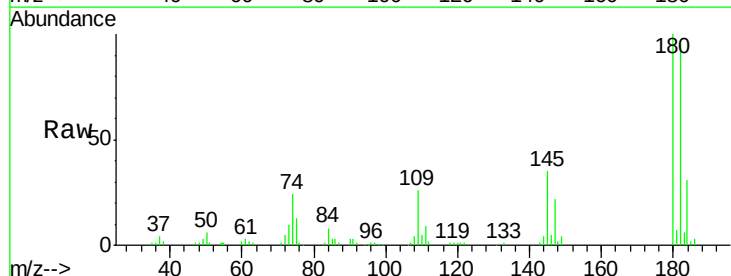


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

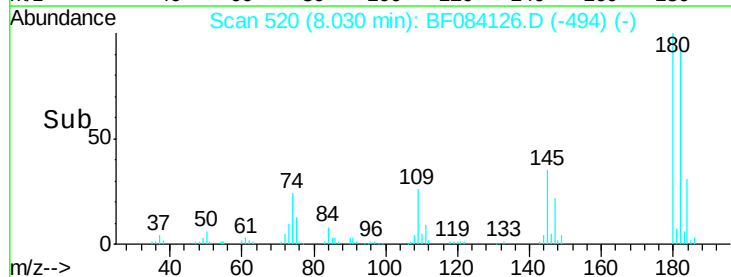
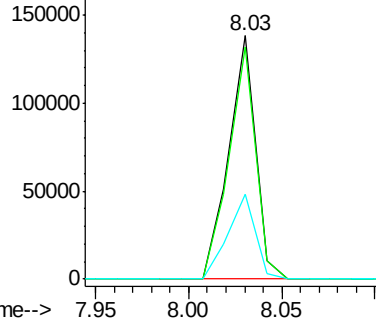


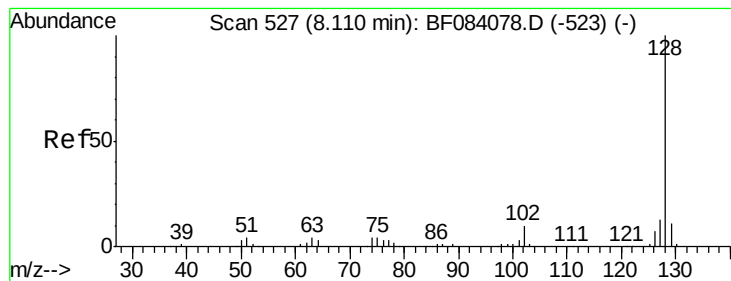
#30
1,2,4-Trichlorobenzene
Concen: 45.97 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.4	114.6
145	35.0	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

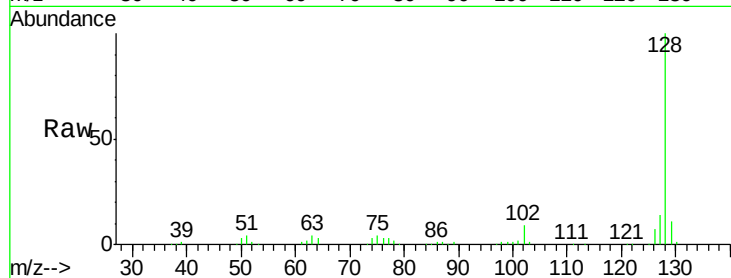




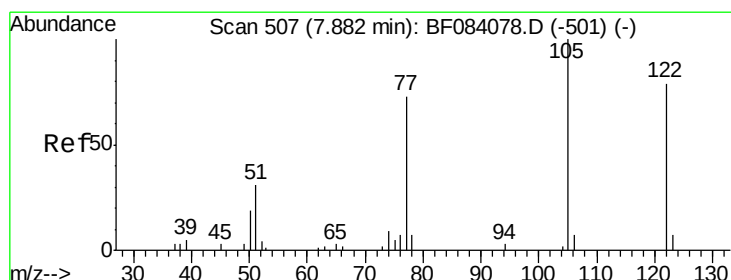
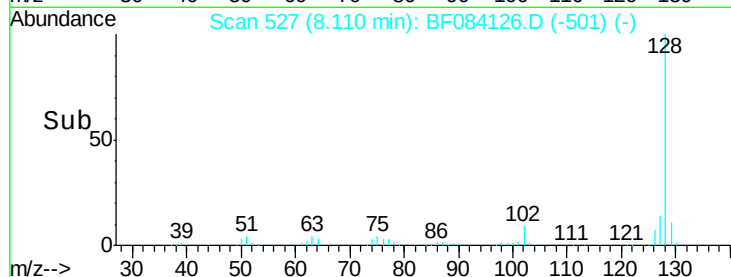
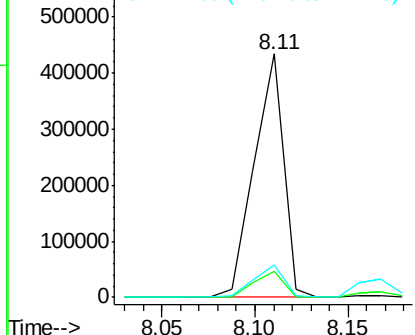
#31
Naphthalene
Concen: 46.55 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tgt Ion:128 Resp: 473270
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.5 11.1 16.7

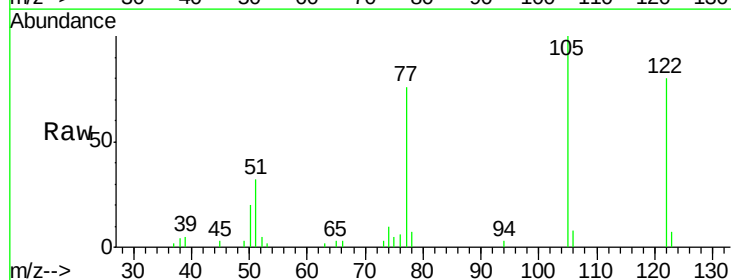


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

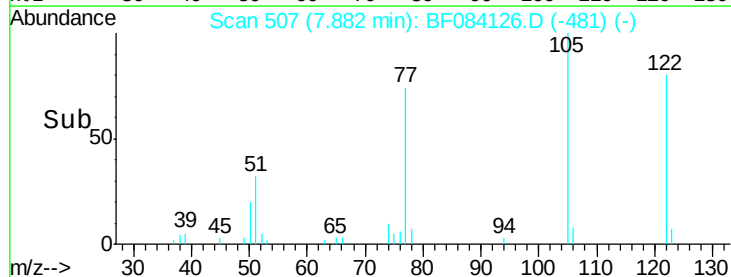
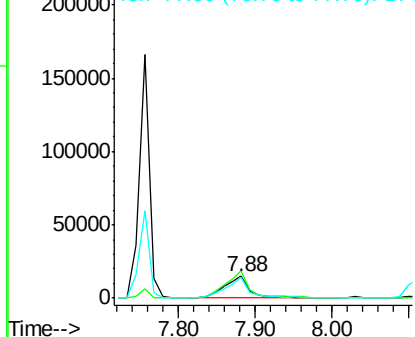


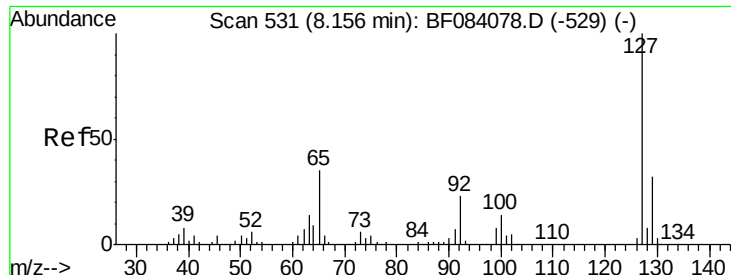
#32
Benzoic acid
Concen: 24.37 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion:122 Resp: 34412
Ion Ratio Lower Upper
122 100
105 124.3 100.3 140.3
77 94.1 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

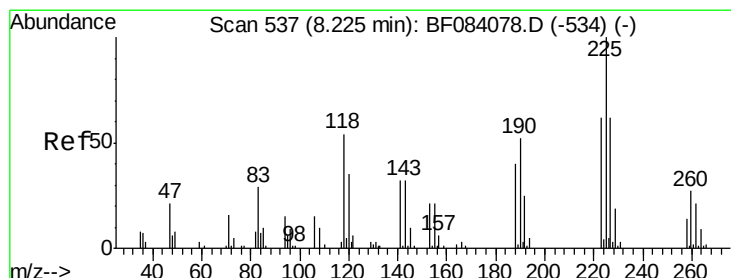
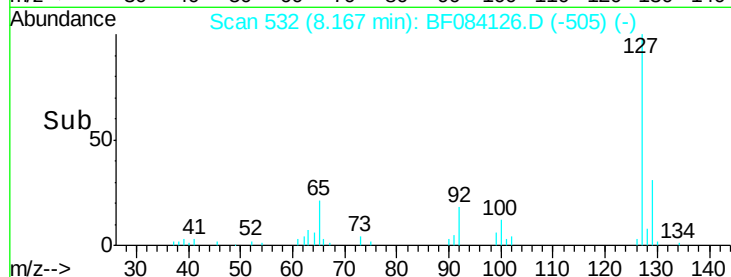
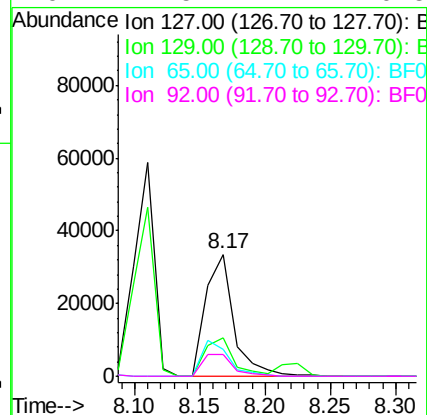
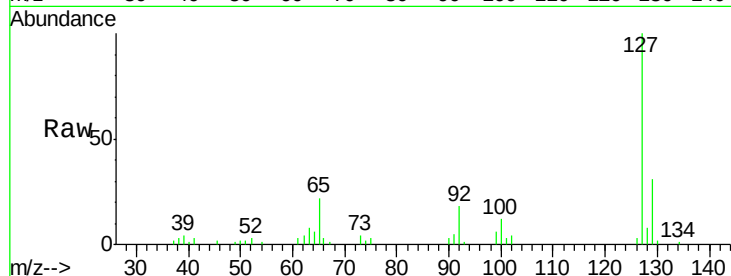




#33
4-Chloroaniline
Concen: 12.47 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

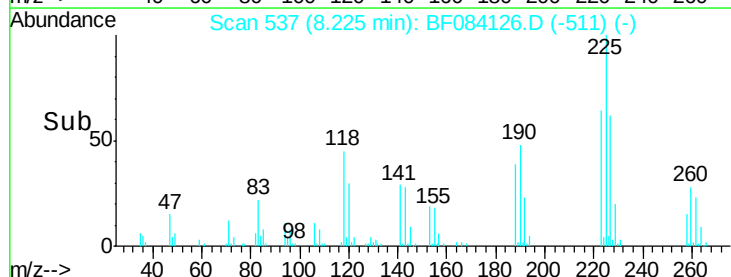
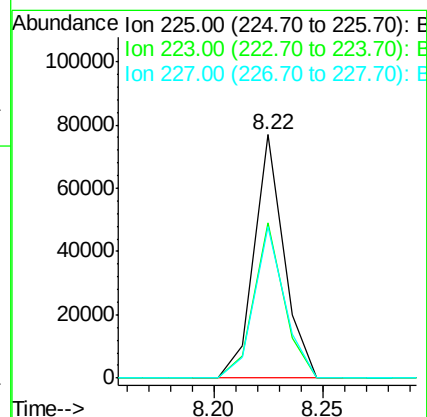
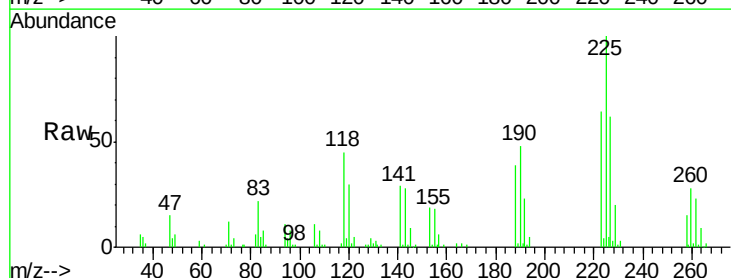
Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

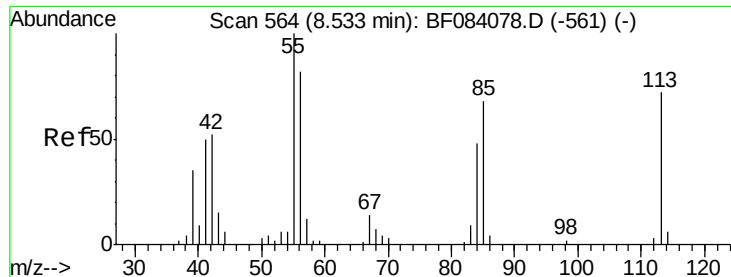
Tgt Ion:	127	Resp:	50439
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.5	39.7
65	22.0	27.2	40.8#
92	17.5	17.7	26.5#



#34
Hexachlorobutadiene
Concen: 42.94 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion:	225	Resp:	73388
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.4	74.0
227	62.2	50.8	76.2

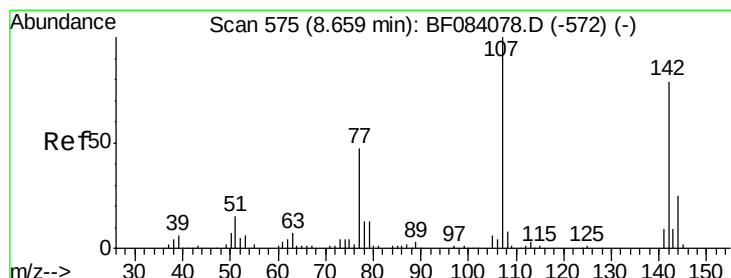
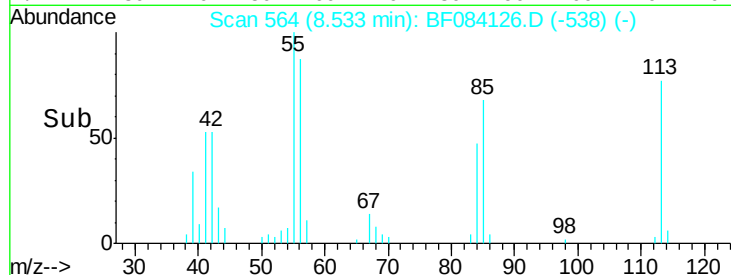
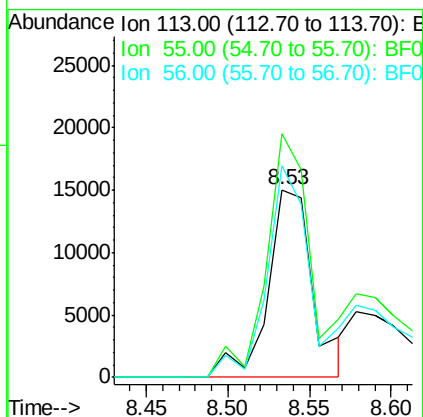
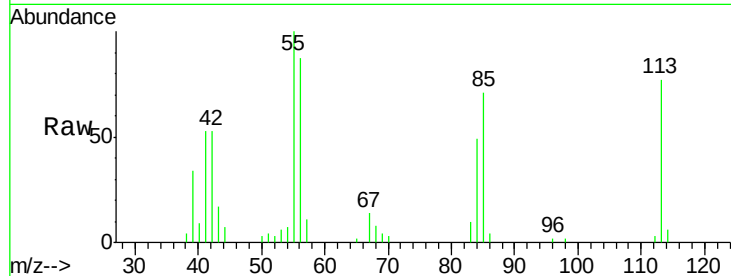




#35
 Caprolactam
 Concen: 38.16 ng
 RT: 8.53 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

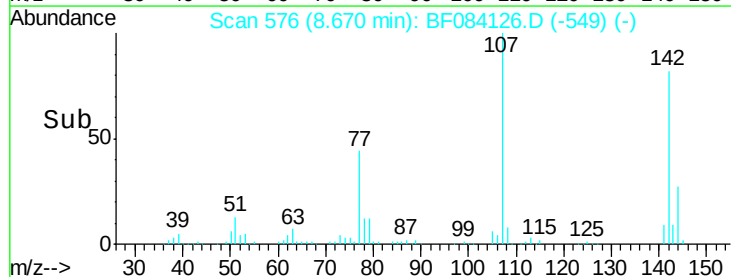
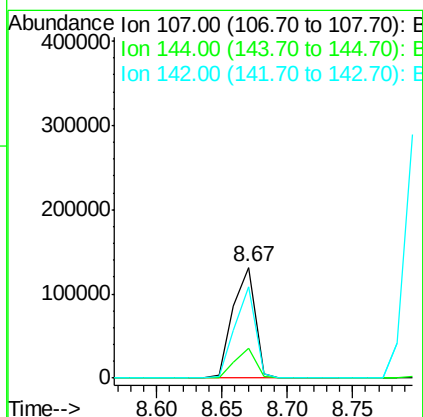
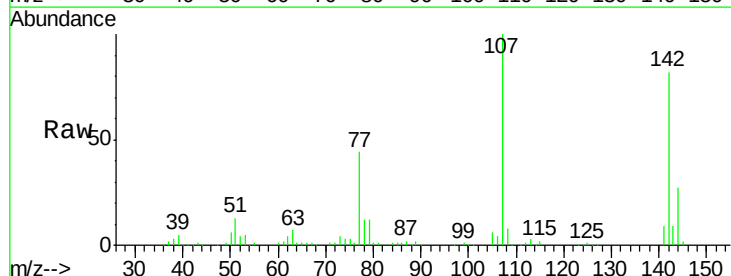
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

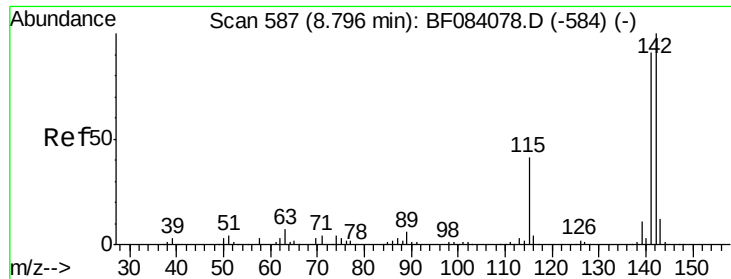
Tgt Ion:113 Resp: 28943
 Ion Ratio Lower Upper
 113 100
 55 129.8 116.9 156.9
 56 113.1 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 50.97 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion:107 Resp: 156739
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.7 29.5
 142 82.3 61.8 92.6

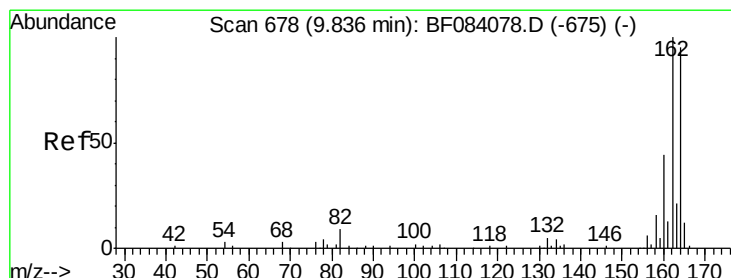
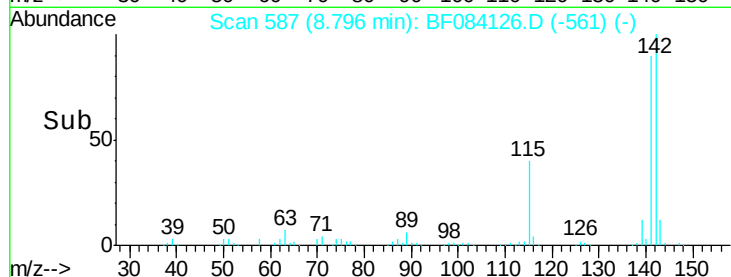
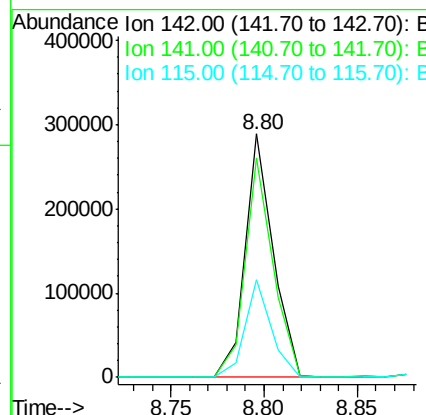
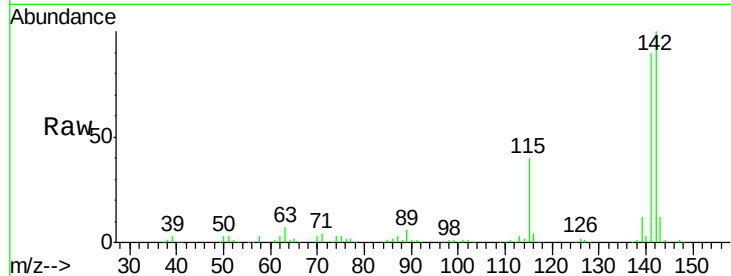




#37
 2-Methylnaphthalene
 Concen: 47.48 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

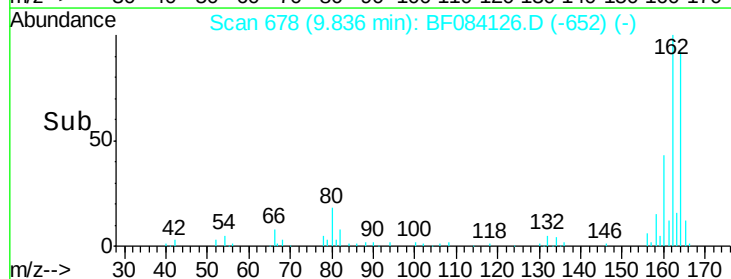
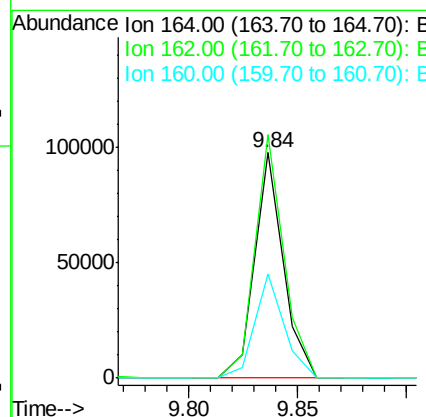
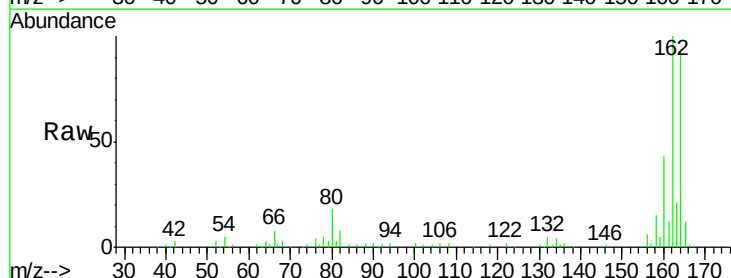
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

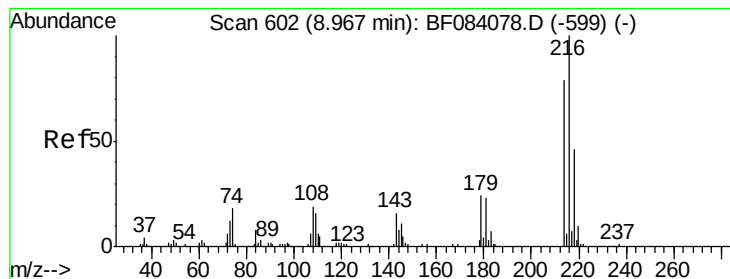
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.4	108.6
115	40.2	27.9	41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.1	85.1	127.7
160	46.0	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.44 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tgt Ion:216 Resp: 131062

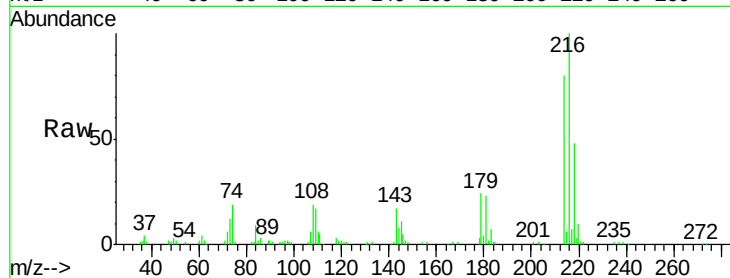
Ion Ratio Lower Upper

216 100

214 79.7 64.2 96.2

179 23.8 18.7 28.1

108 21.7 16.8 25.2

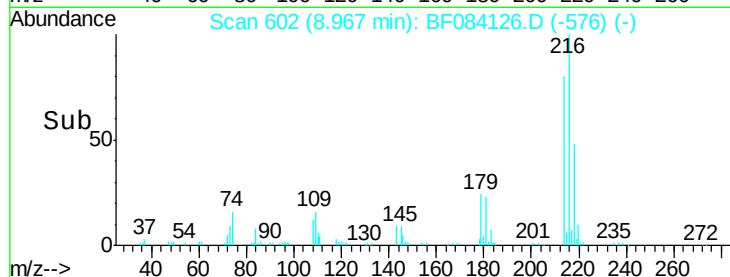


Abundance Ion 216.00 (215.70 to 216.70): E

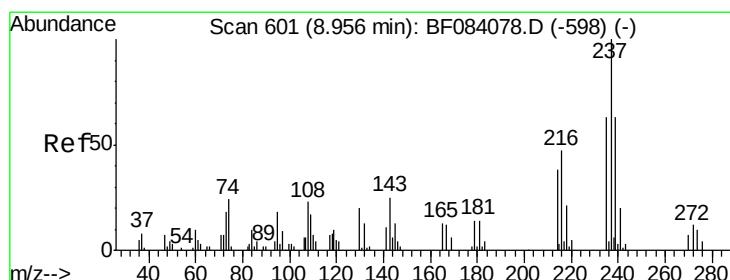
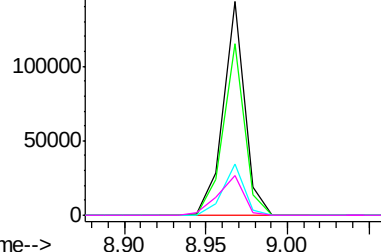
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 85.45 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

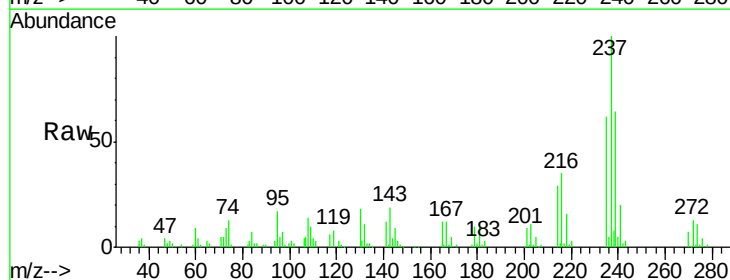
Tgt Ion:237 Resp: 72157

Ion Ratio Lower Upper

237 100

235 61.8 43.1 83.1

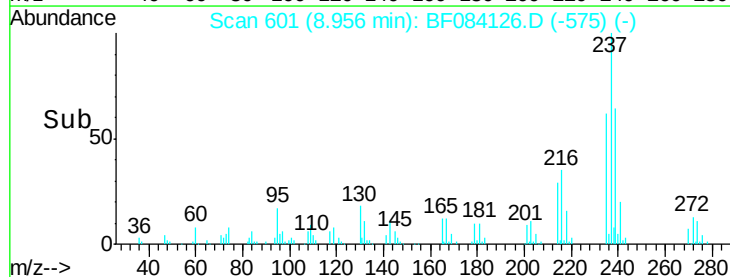
272 13.2 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

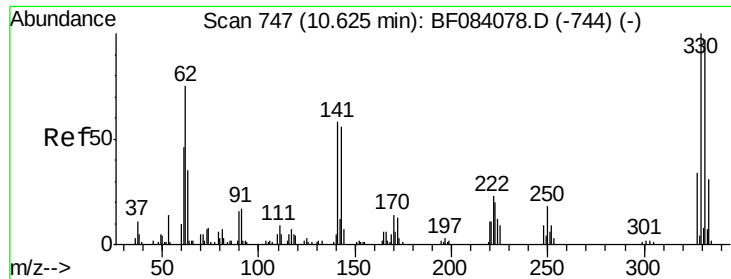
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

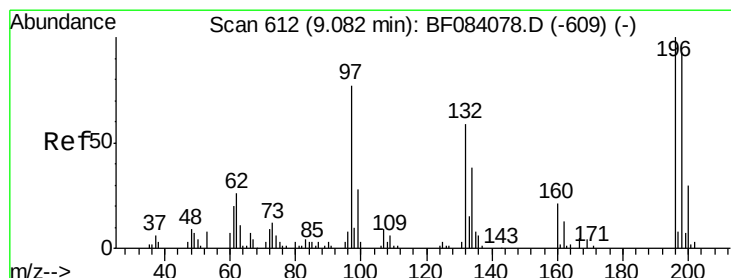
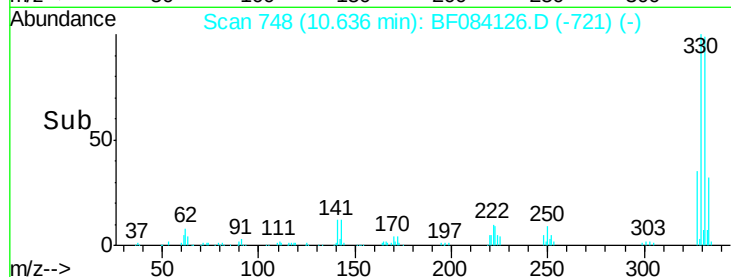
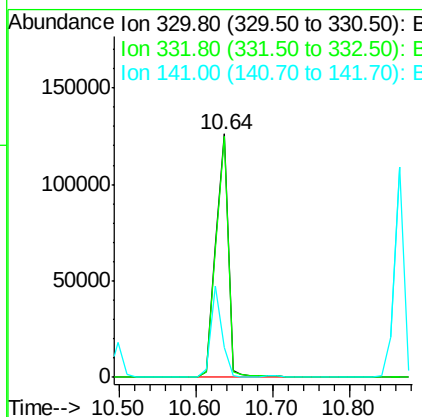
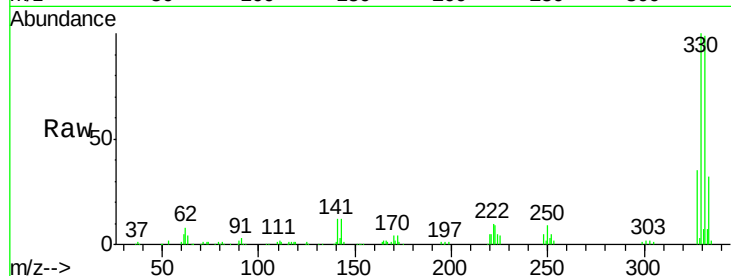




#41
 2,4,6-Tribromophenol
 Concen: 148.49 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

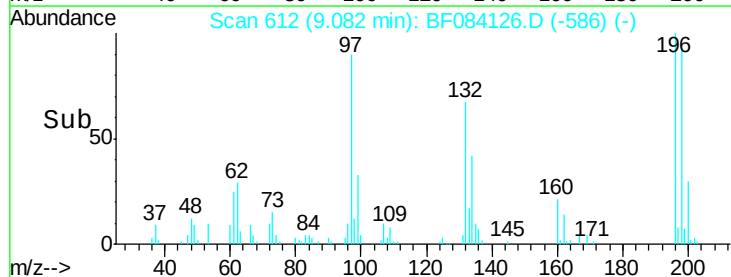
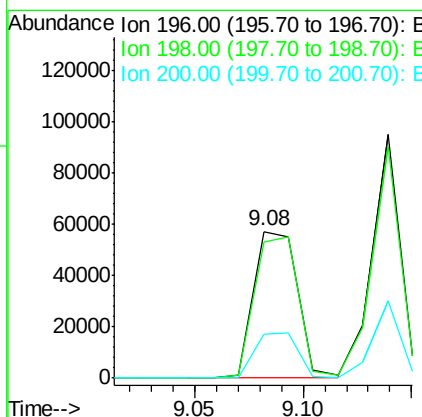
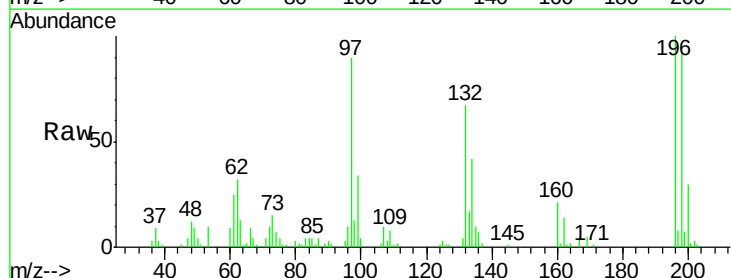
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

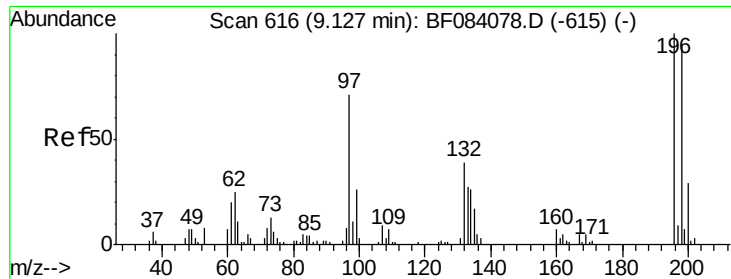
Tgt Ion:330 Resp: 141771
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 33.4 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 43.76 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion:196 Resp: 80534
 Ion Ratio Lower Upper
 196 100
 198 92.6 77.7 116.5
 200 29.9 24.6 37.0

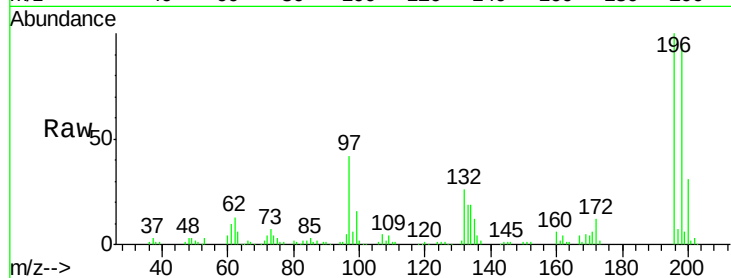




#43
 2,4,5-Trichlorophenol
 Concen: 48.08 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	79.0	118.6
97	42.0	33.0	49.6
132	26.4	21.1	31.7



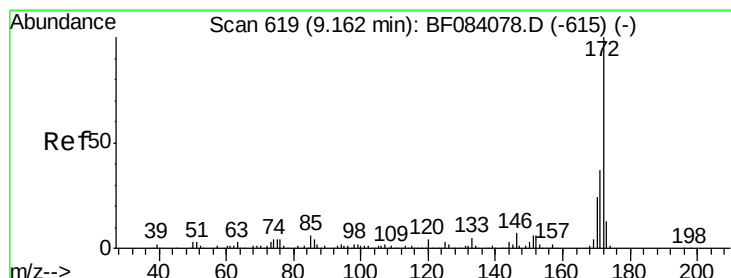
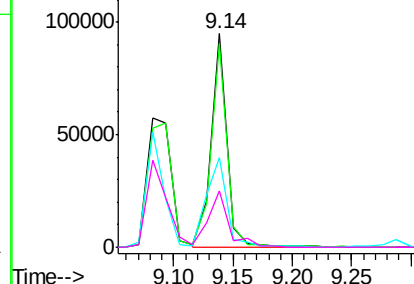
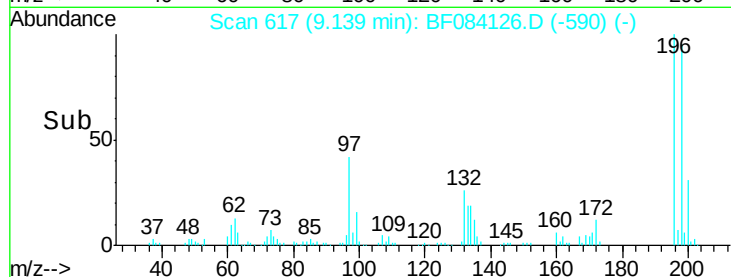
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

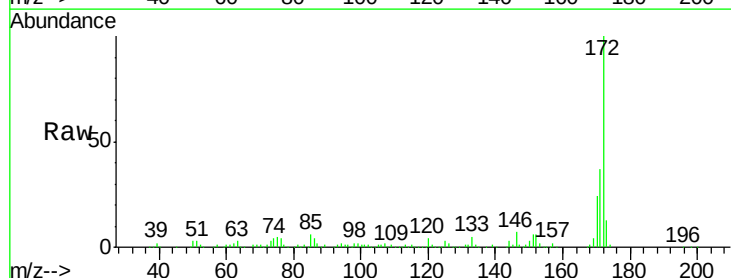
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.69 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	23.9	18.6	27.8

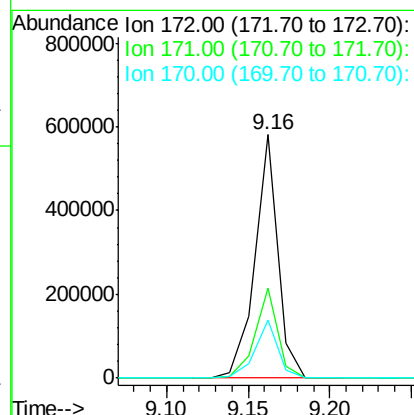
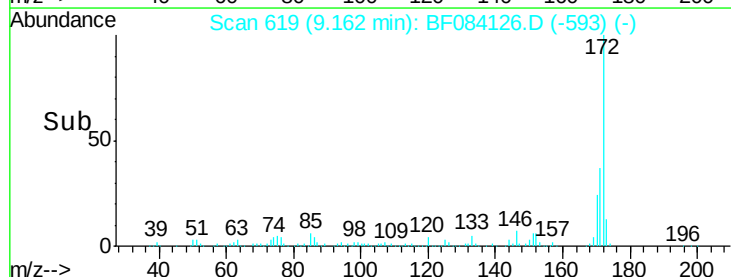


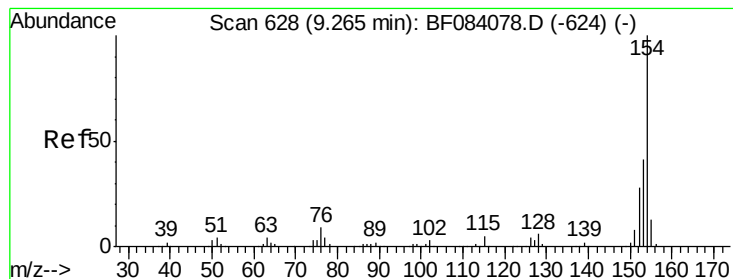
Abundance

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: 49.52 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

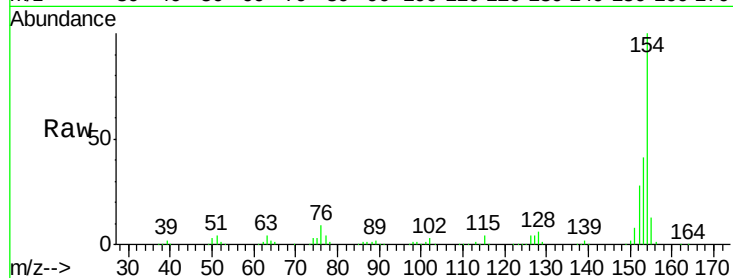
Tgt Ion:154 Resp: 400541

Ion Ratio Lower Upper

154 100

153 40.9 21.6 61.6

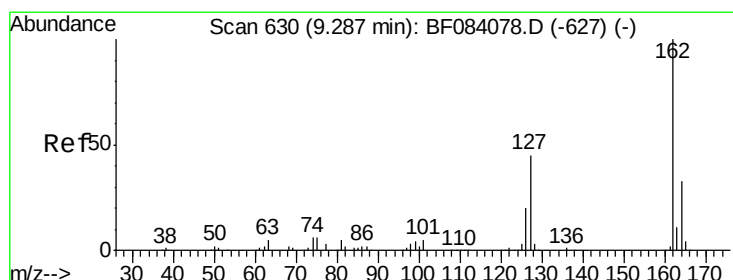
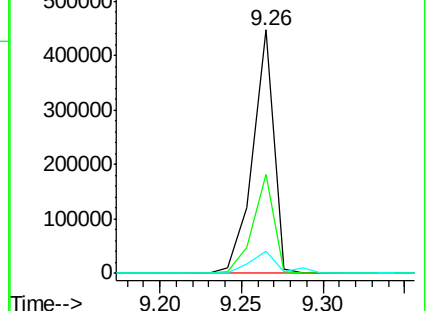
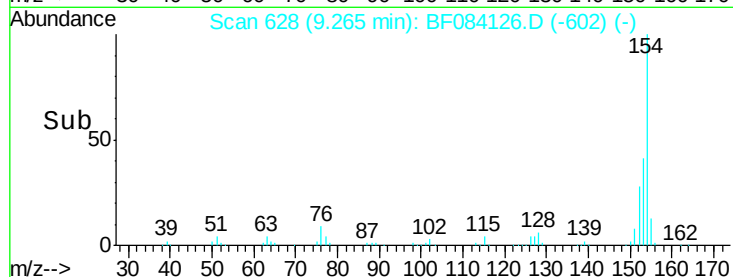
76 9.1 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.16 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

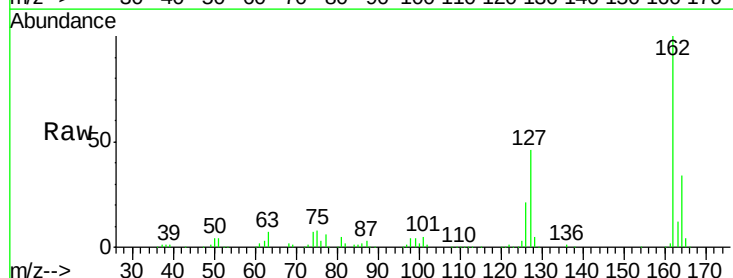
Tgt Ion:162 Resp: 289985

Ion Ratio Lower Upper

162 100

127 46.3 40.2 60.4

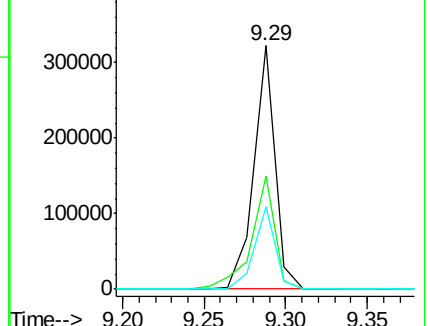
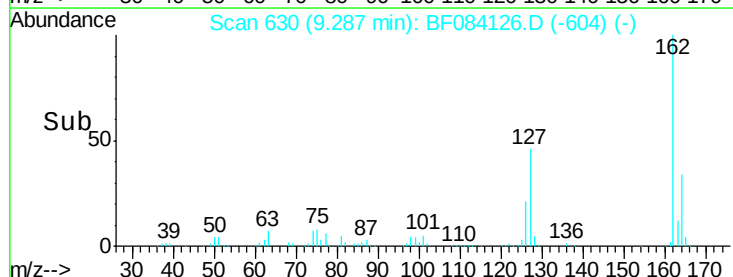
164 33.6 25.7 38.5

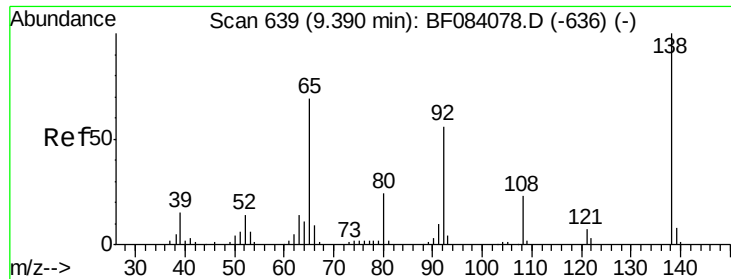


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

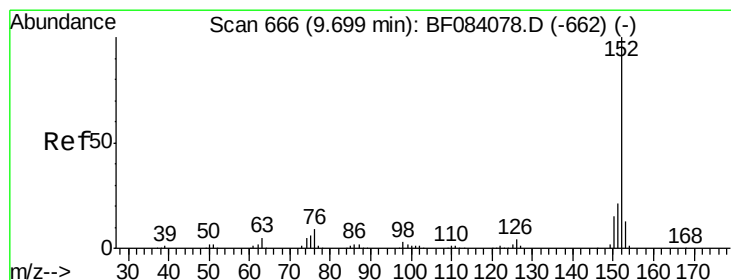
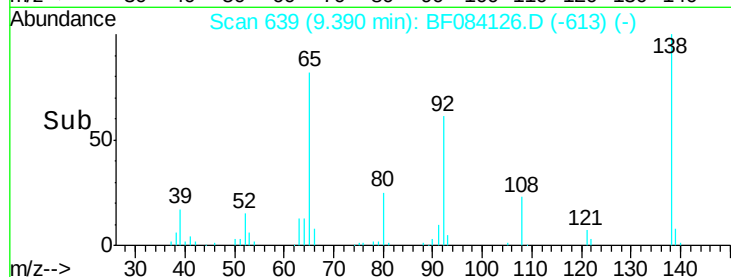
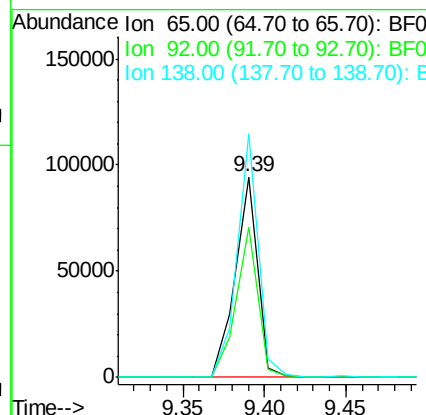
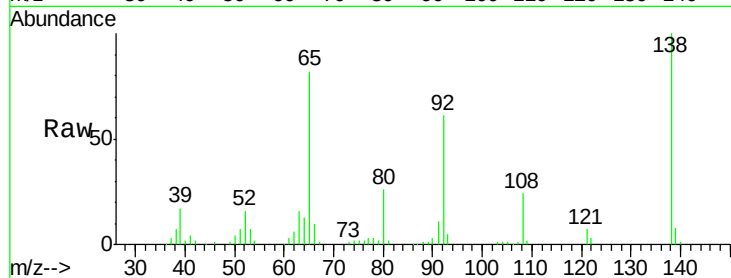




#47
2-Nitroaniline
Concen: 54.36 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

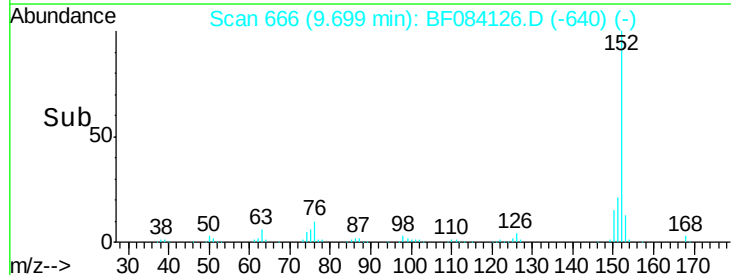
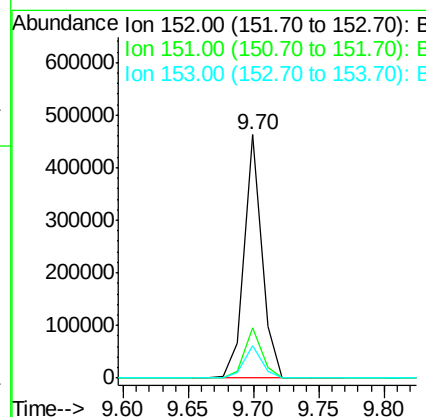
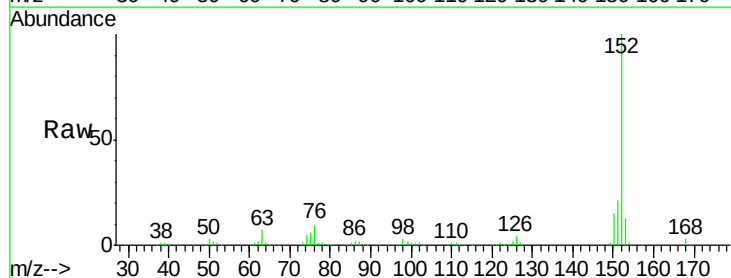
Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

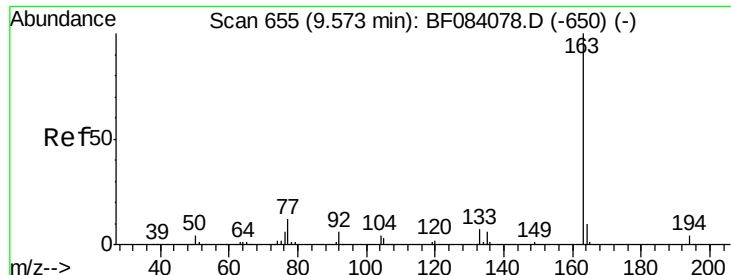
Tgt Ion: 65 Resp: 88818
Ion Ratio Lower Upper
65 100
92 74.7 53.4 80.2
138 121.6 71.1 106.7#



#48
Acenaphthylene
Concen: 43.04 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion: 152 Resp: 434626
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.4 10.4 15.6

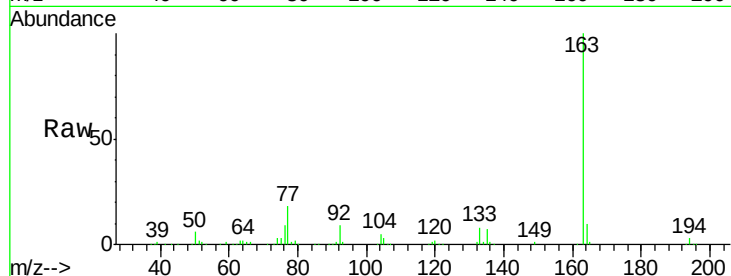




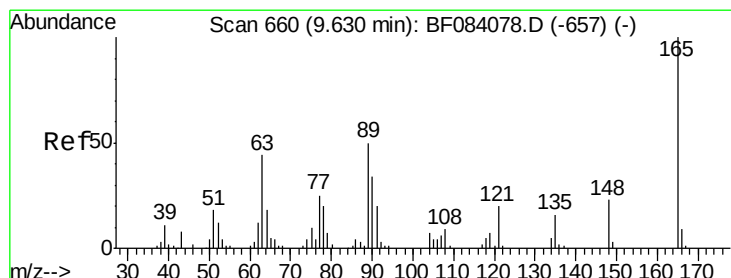
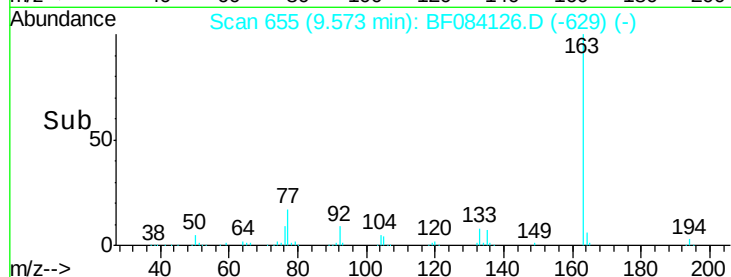
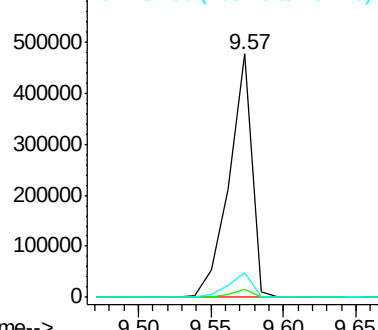
#49
Dimethylphthalate
Concen: 70.36 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tgt Ion:163 Resp: 521704
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 10.0 8.0 12.0

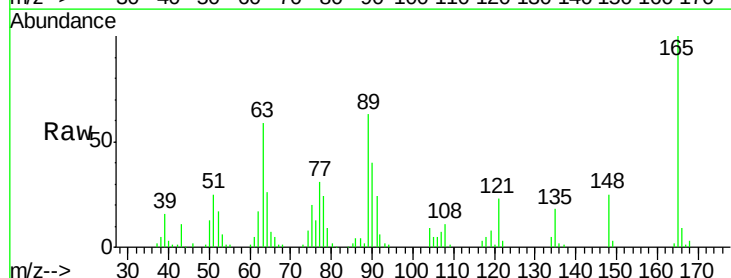


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

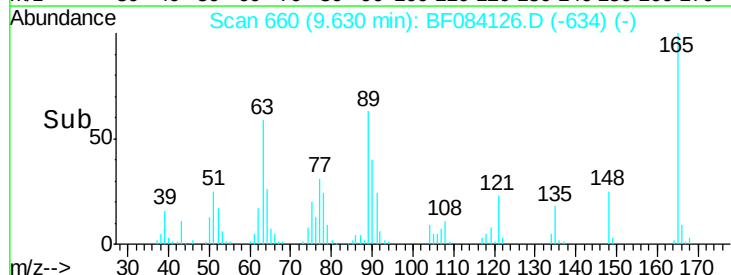
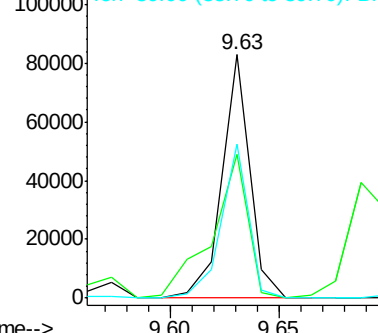


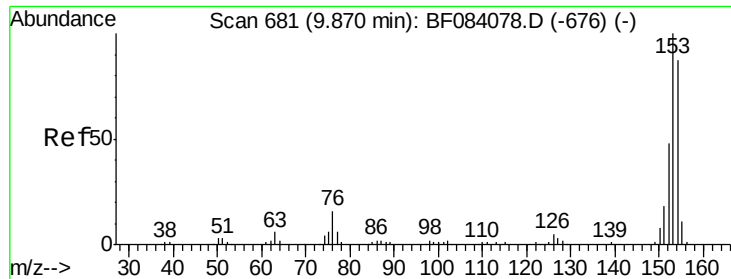
#50
2,6-Dinitrotoluene
Concen: 46.59 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion:165 Resp: 73325
Ion Ratio Lower Upper
165 100
63 59.1 28.8 43.2#
89 63.4 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.61 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

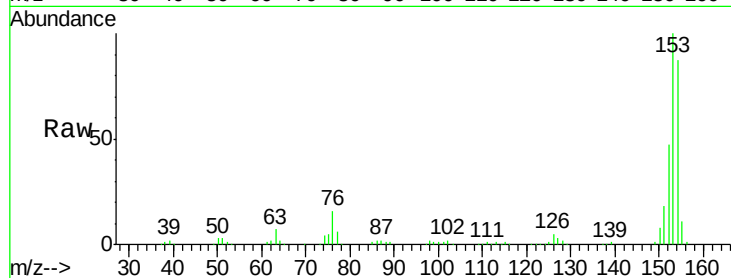
Tgt Ion:154 Resp: 256145

Ion Ratio Lower Upper

154 100

153 114.9 91.5 137.3

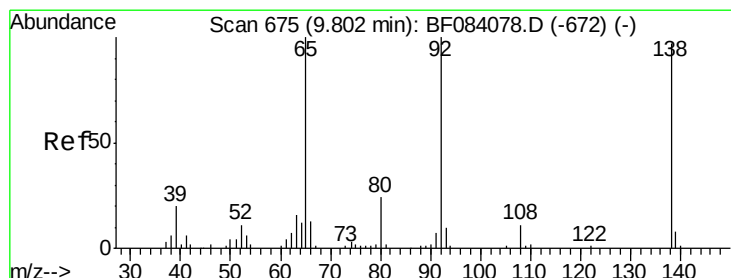
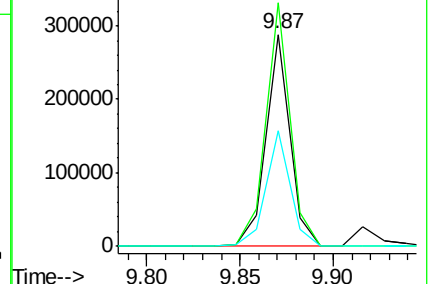
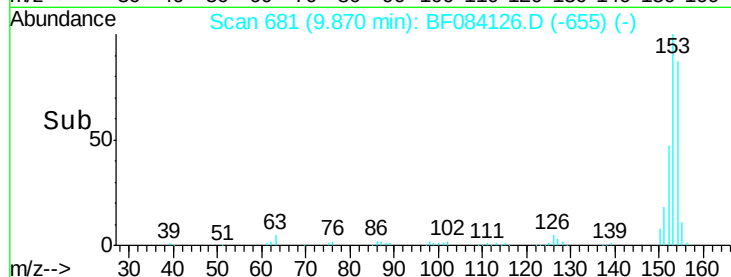
152 54.3 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.08 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

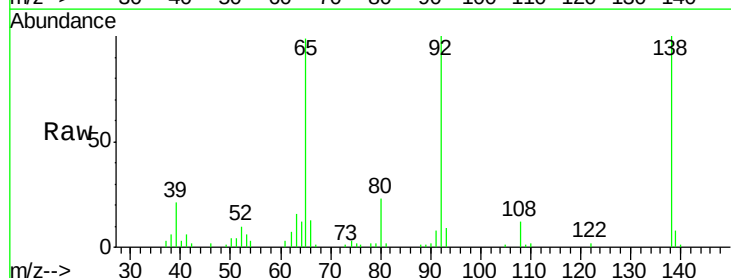
Tgt Ion:138 Resp: 44052

Ion Ratio Lower Upper

138 100

108 11.6 10.5 15.7

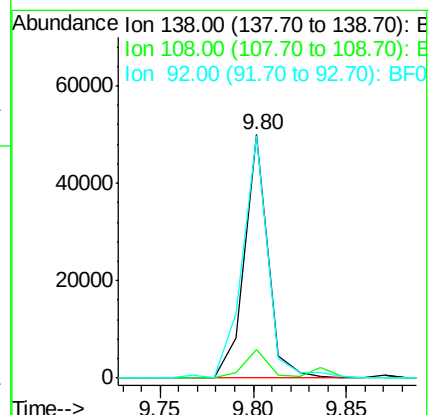
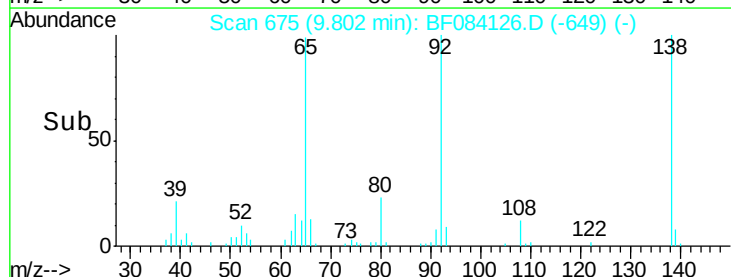
92 99.8 103.9 155.9#

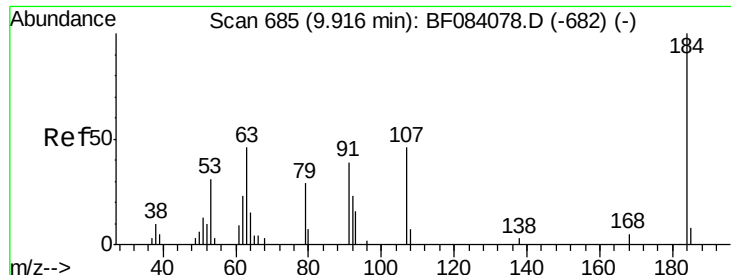


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

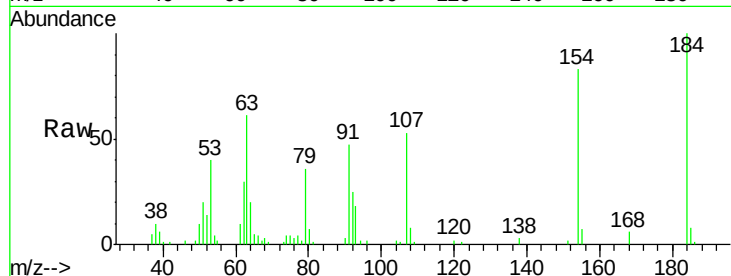




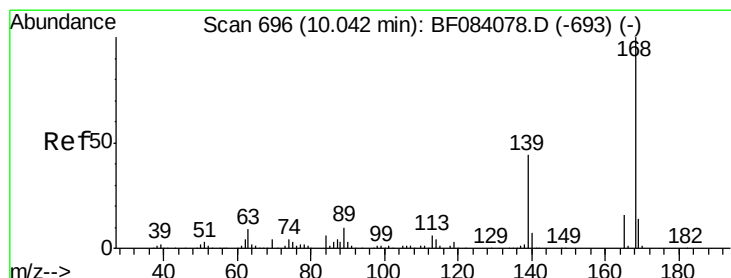
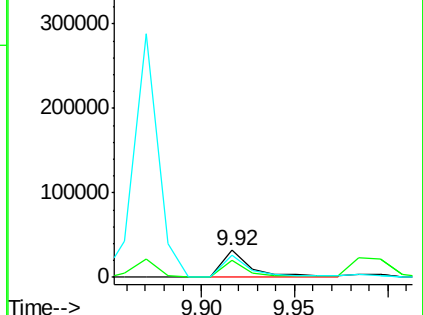
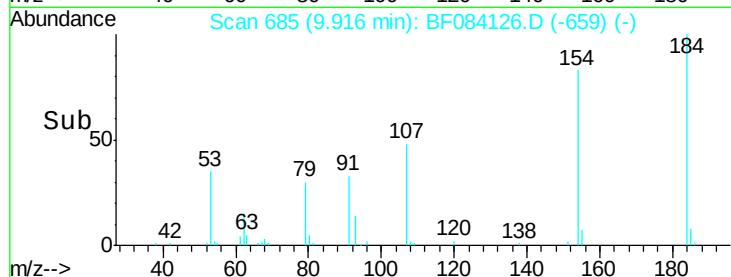
#53
2,4-Dinitrophenol
Concen: 63.99 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tgt Ion:184 Resp: 35654
Ion Ratio Lower Upper
184 100
63 61.4 43.1 64.7
154 83.3 60.5 90.7

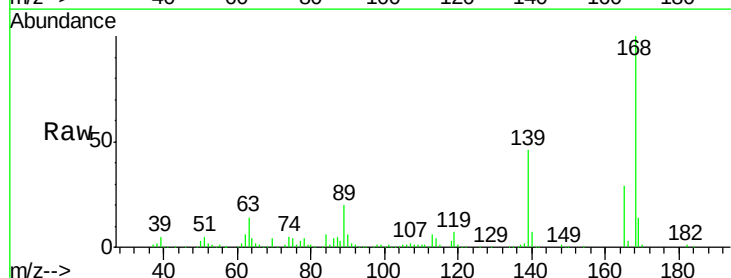


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

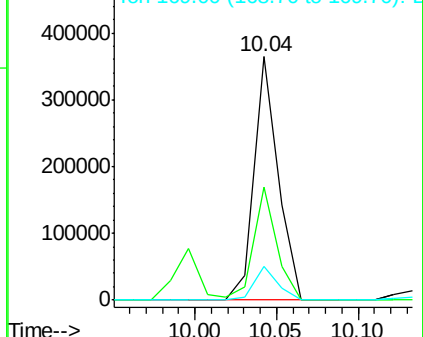
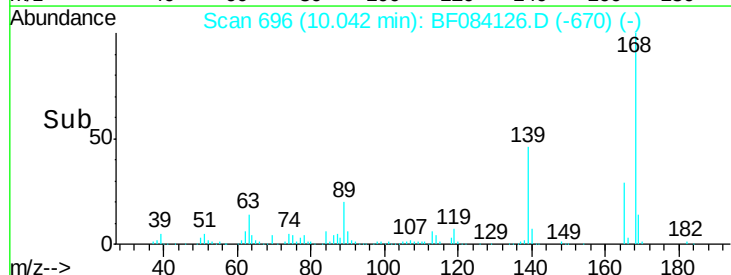


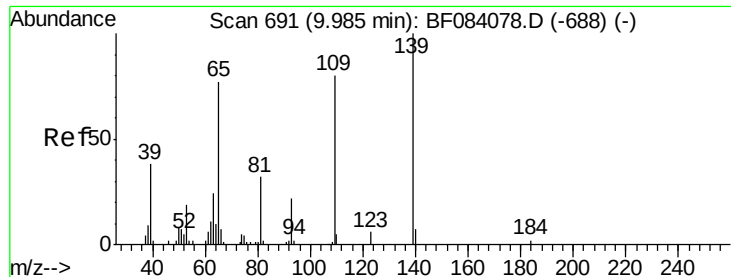
#54
Dibenzofuran
Concen: 46.44 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion:168 Resp: 375065
Ion Ratio Lower Upper
168 100
139 46.4 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: 96.03 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

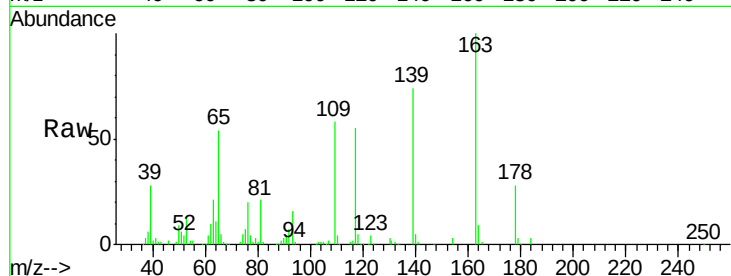
Tgt Ion:139 Resp: 82788

Ion Ratio Lower Upper

139 100

109 78.6 58.5 98.5

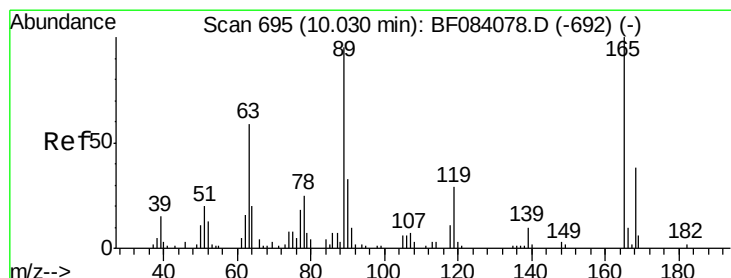
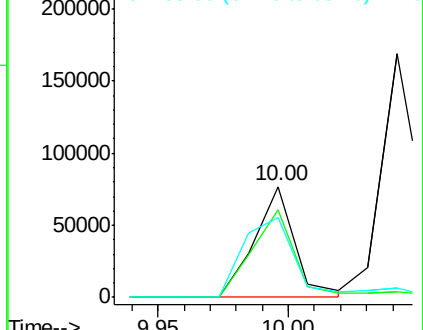
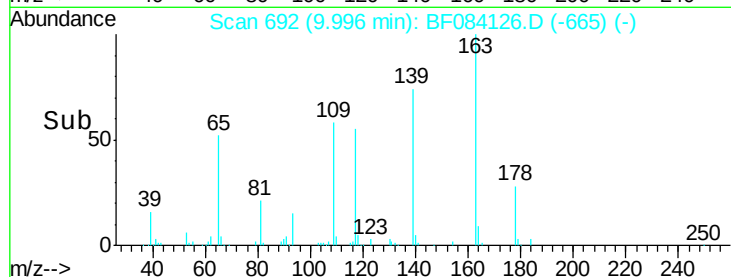
65 72.3 57.6 97.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 51.49 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:165 Resp: 106973

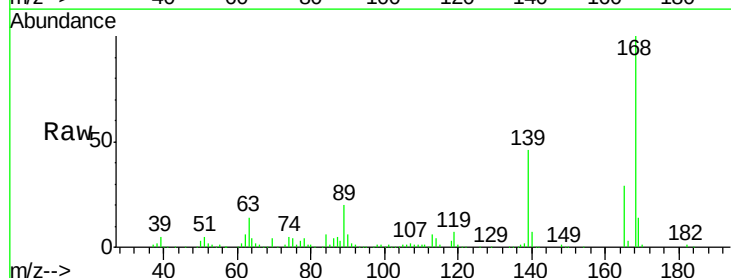
Ion Ratio Lower Upper

165 100

63 49.1 36.7 55.1

89 67.9 61.9 92.9

182 2.8 2.0 3.0

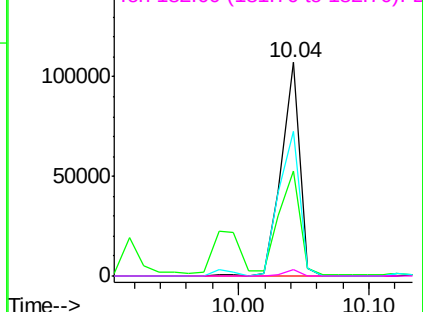
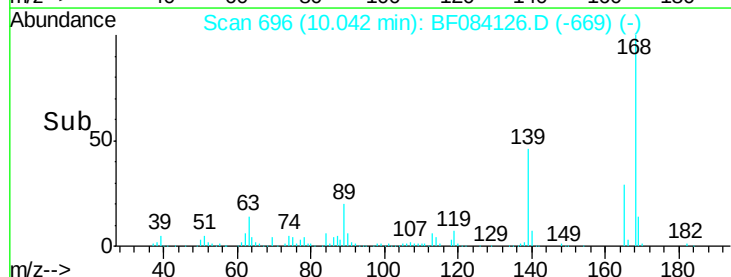


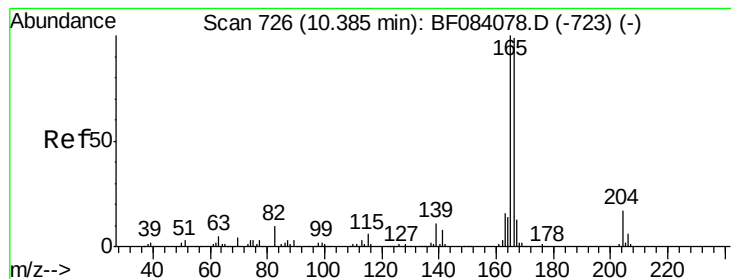
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.76 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

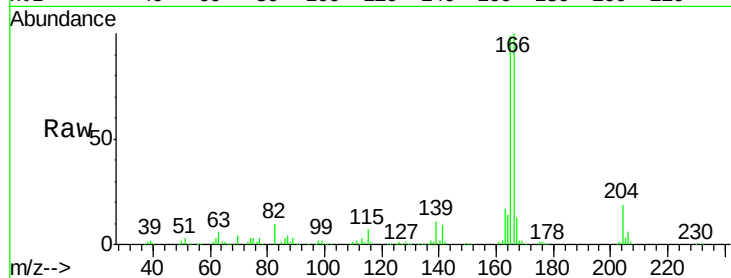
Tgt Ion:166 Resp: 300378

Ion Ratio Lower Upper

166 100

165 99.2 79.1 118.7

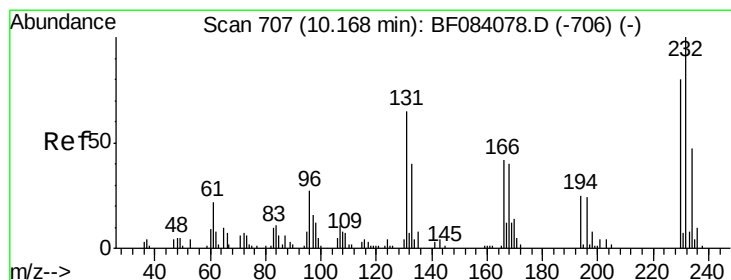
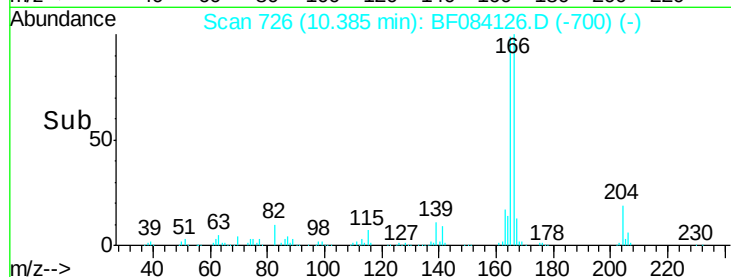
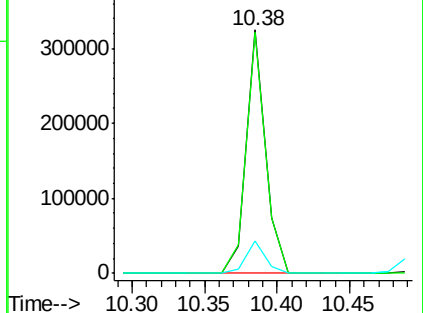
167 13.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.67 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:232 Resp: 66526

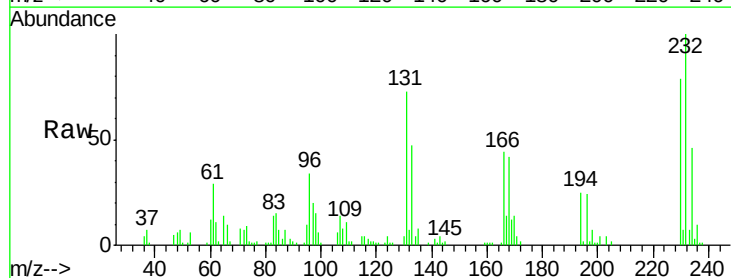
Ion Ratio Lower Upper

232 100

131 55.8 47.0 70.6

130 2.8 2.0 3.0

166 37.5 30.5 45.7

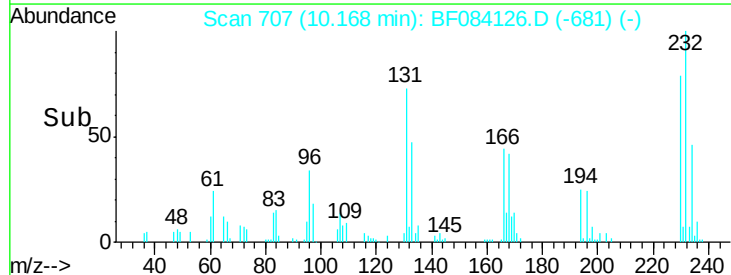
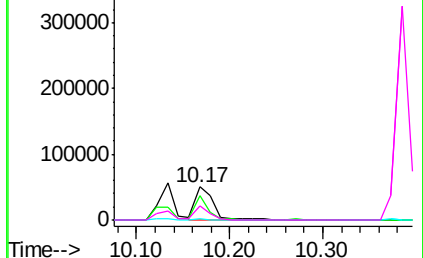


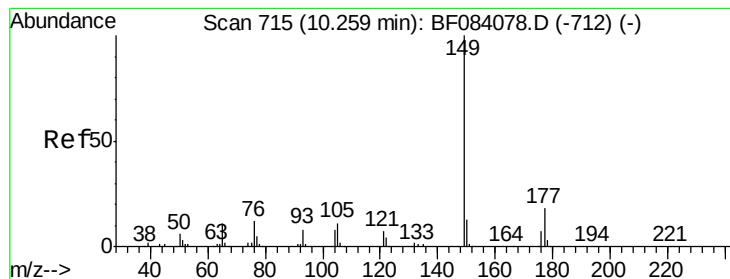
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.15 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

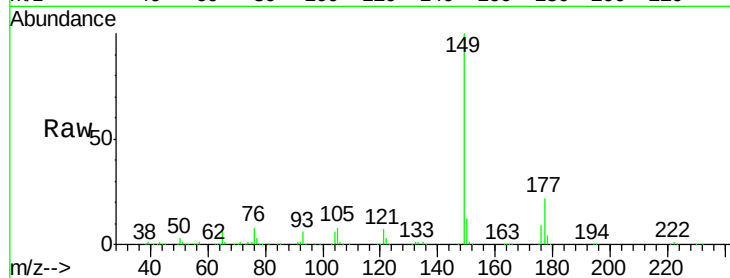
Tgt Ion:149 Resp: 362690

Ion Ratio Lower Upper

149 100

177 21.5 17.3 25.9

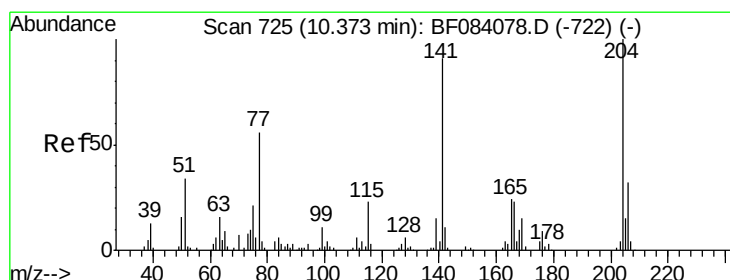
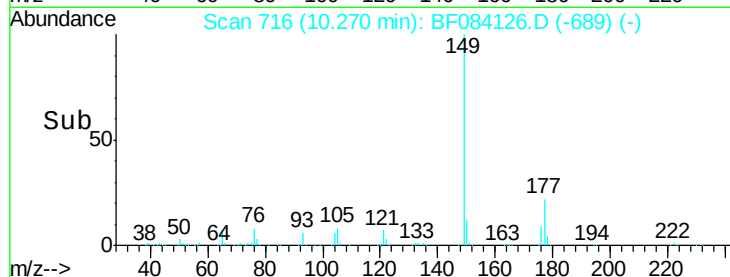
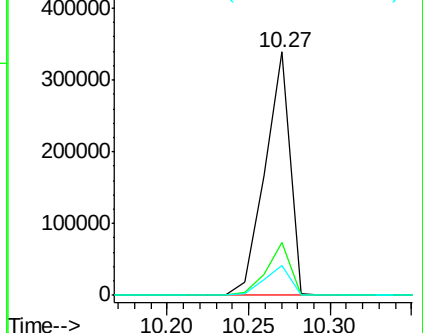
150 12.4 9.8 14.8



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: 40.96 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

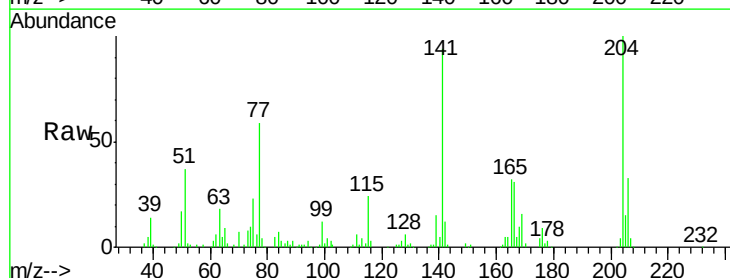
Tgt Ion:204 Resp: 129671

Ion Ratio Lower Upper

204 100

206 32.6 25.7 38.5

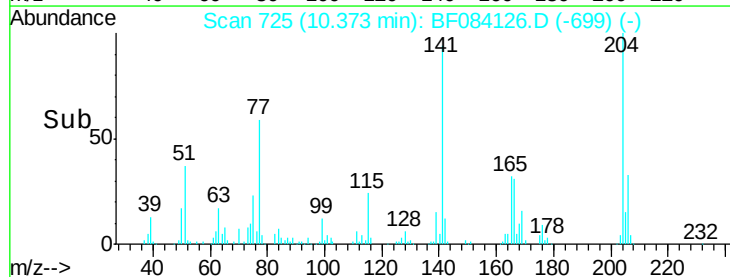
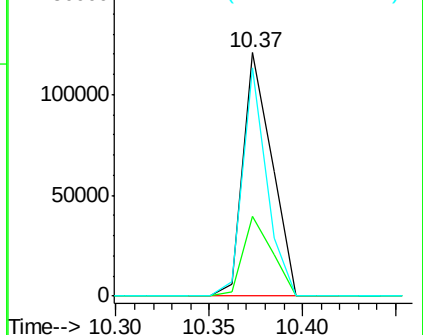
141 93.6 55.1 82.7#

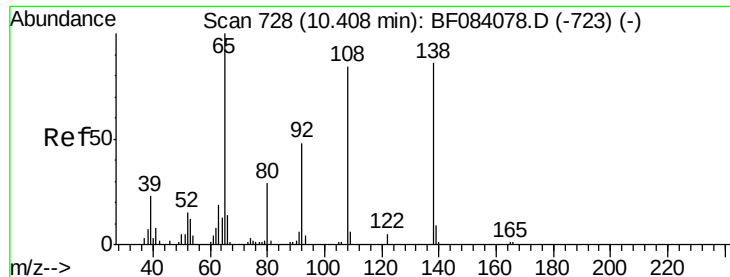


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

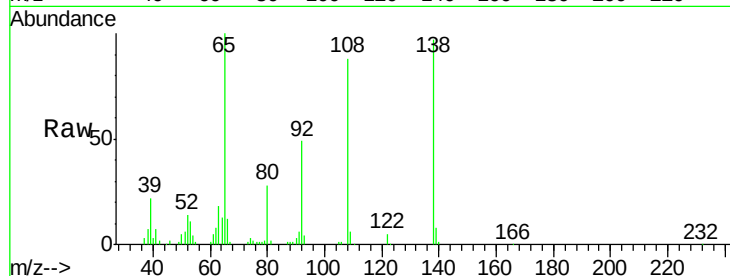




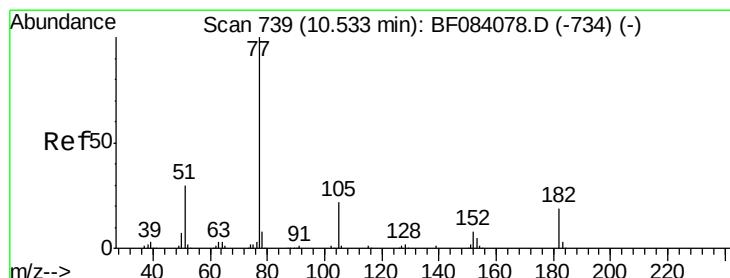
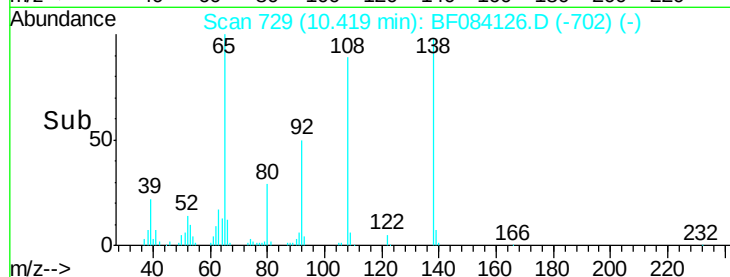
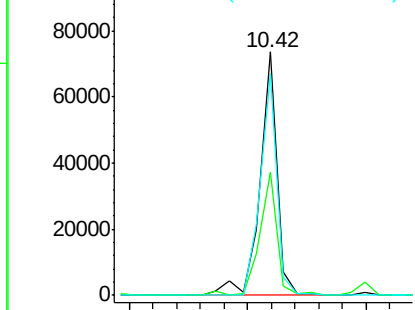
#61
4-Nitroaniline
Concen: 47.66 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tgt Ion:138 Resp: 74400
Ion Ratio Lower Upper
138 100
92 50.7 32.6 72.6
108 91.2 68.6 108.6

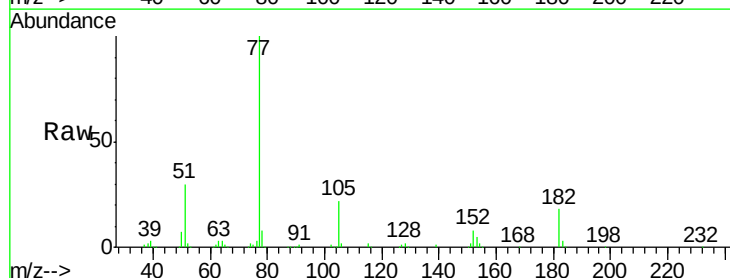


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

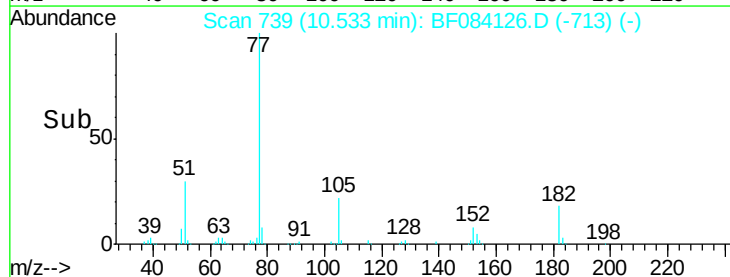
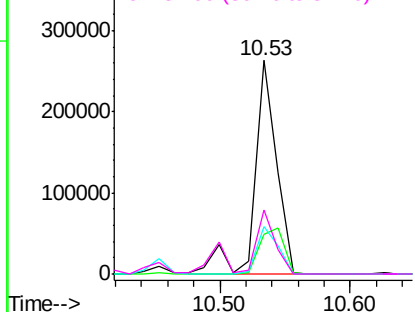


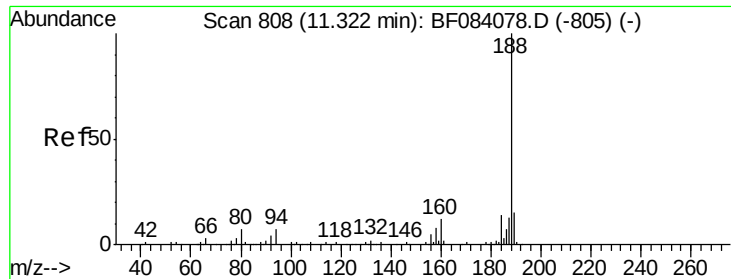
#62
Azobenzene
Concen: 49.86 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion: 77 Resp: 309415
Ion Ratio Lower Upper
77 100
182 18.3 8.3 48.3
105 22.2 4.6 44.6
51 30.2 6.2 46.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

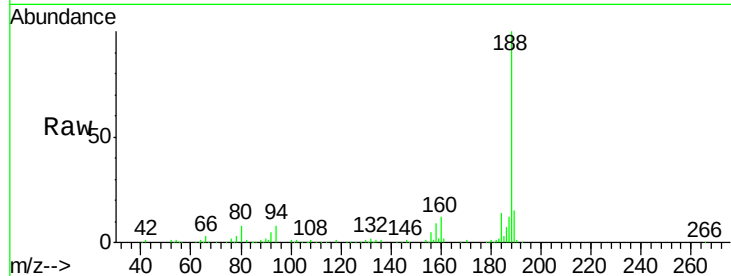
Tgt Ion:188 Resp: 165976

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.4#

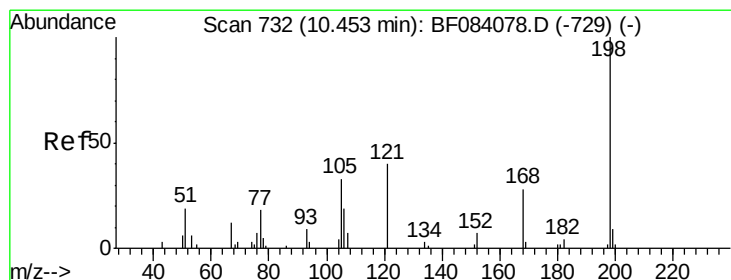
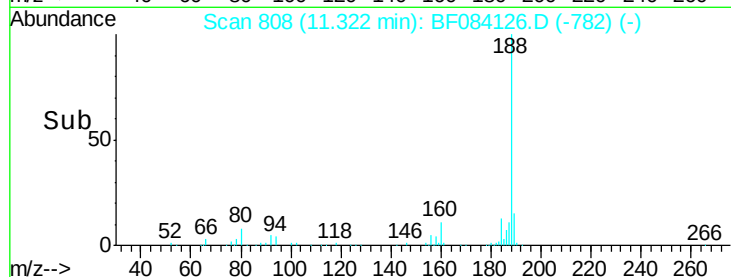
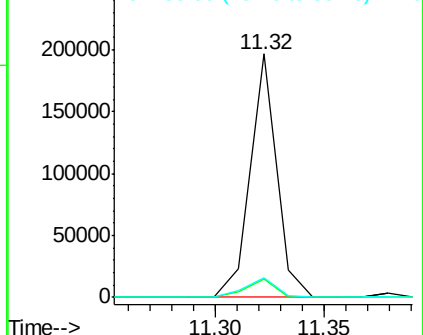
80 8.3 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.33 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

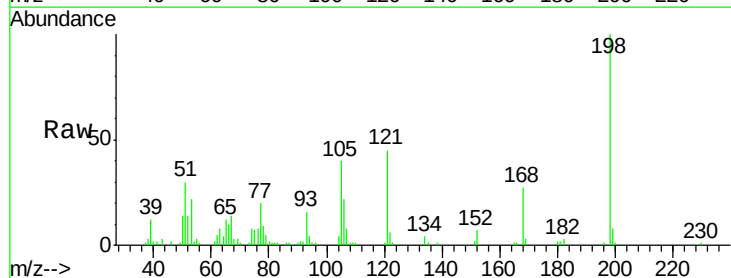
Tgt Ion:198 Resp: 41764

Ion Ratio Lower Upper

198 100

51 29.7 18.9 58.9

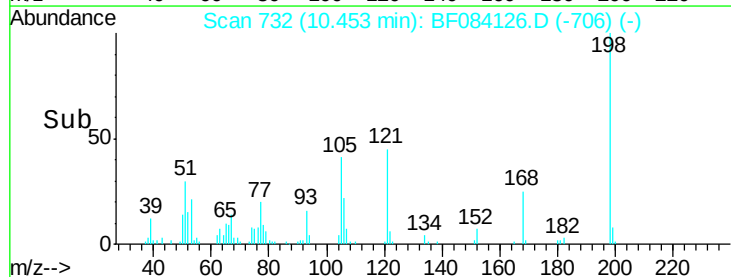
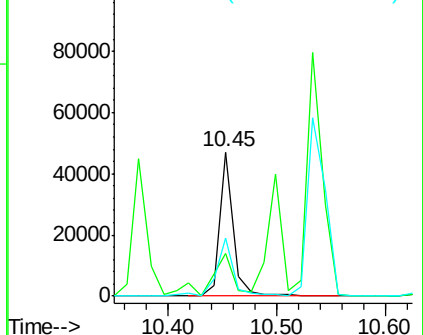
105 40.4 26.4 66.4

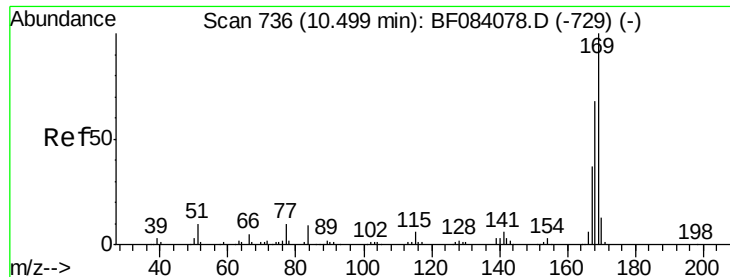


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

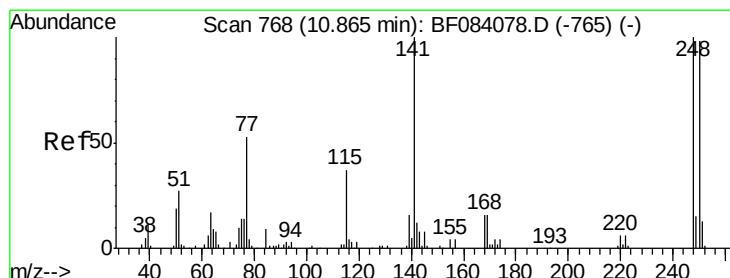
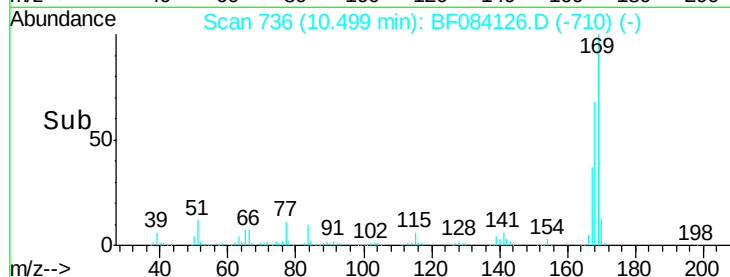
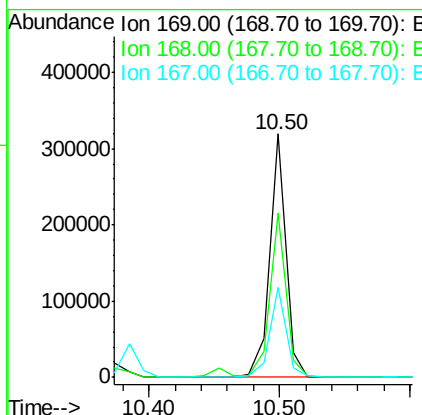
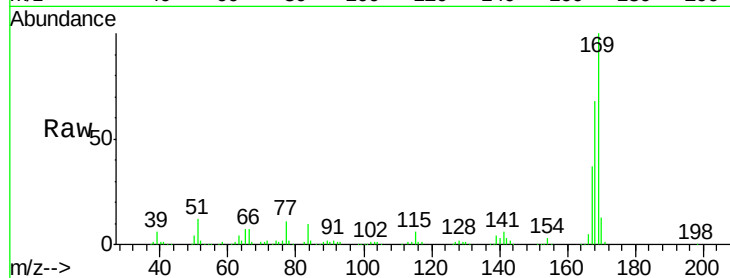




#65
 n-Nitrosodiphenylamine
 Concen: 47.33 ng
 RT: 10.50 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

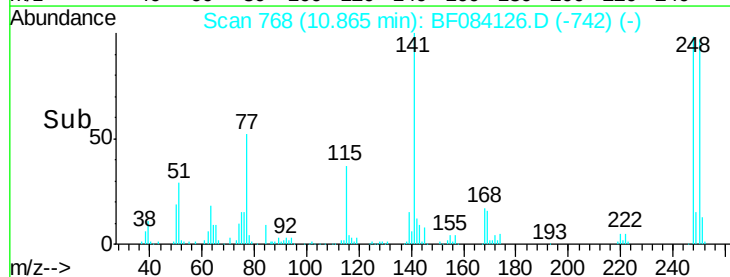
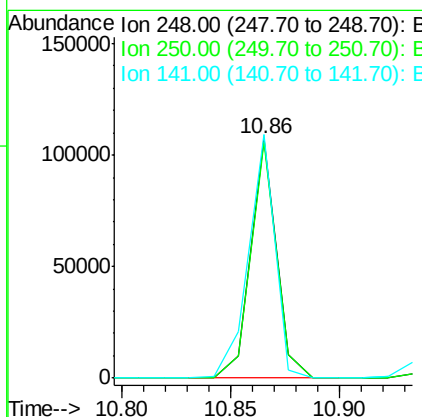
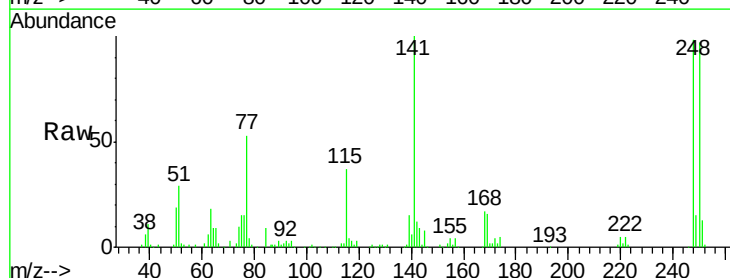
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

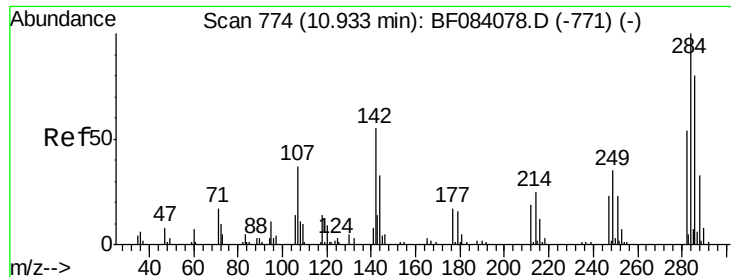
Tgt Ion:169 Resp: 280044
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.1 82.7
 167 36.7 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 45.64 ng
 RT: 10.86 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion:248 Resp: 87750
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.4 117.6
 141 101.6 44.0 66.0#

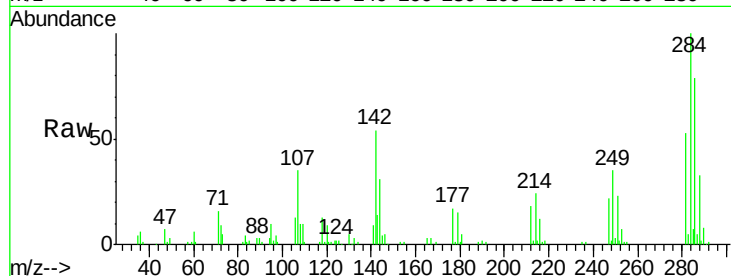




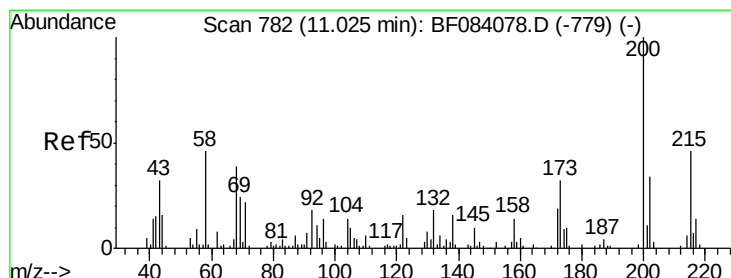
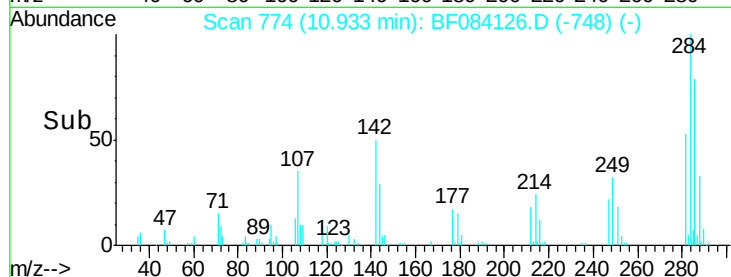
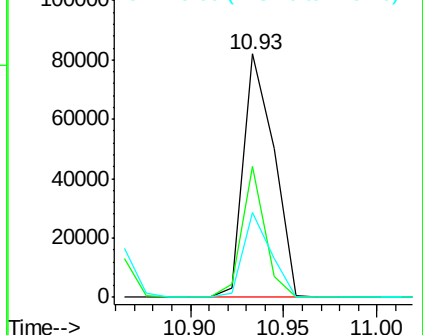
#67
Hexachlorobenzene
Concen: 44.28 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tgt Ion:284 Resp: 93206
Ion Ratio Lower Upper
284 100
142 53.5 22.2 33.4#
249 35.0 24.6 37.0

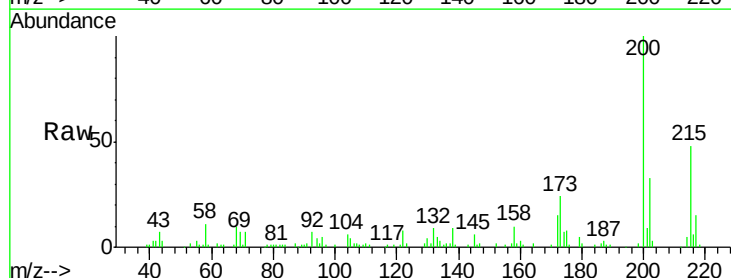


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

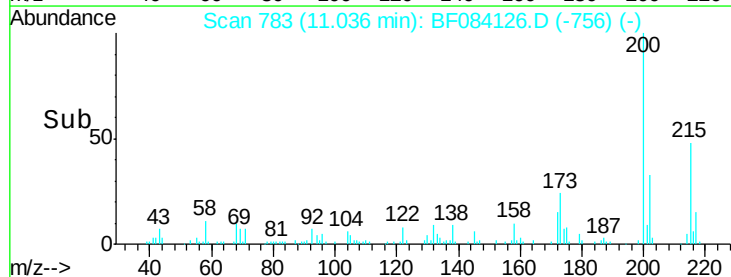
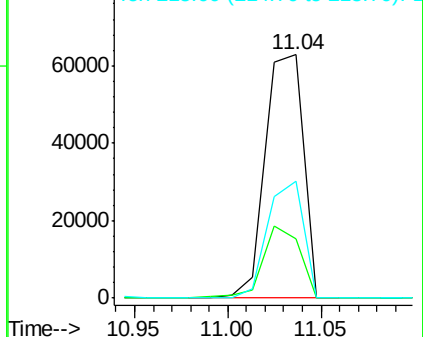


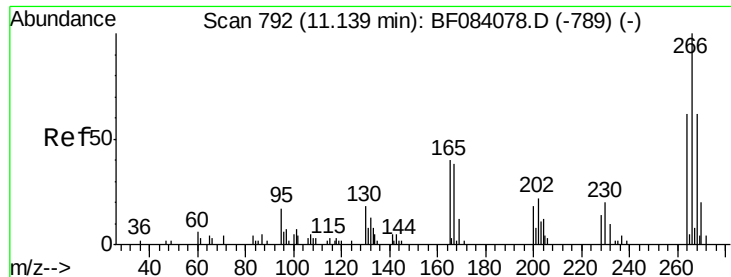
#68
Atrazine
Concen: 49.90 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion:200 Resp: 88921
Ion Ratio Lower Upper
200 100
173 24.2 9.5 49.5
215 48.1 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

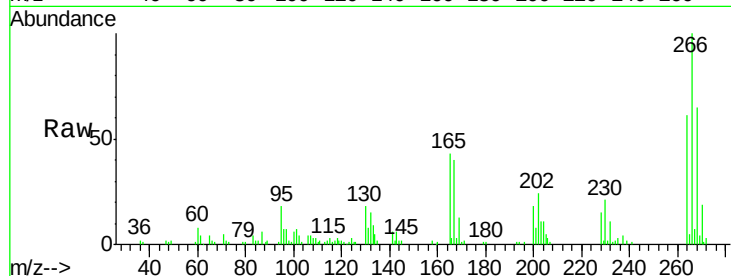




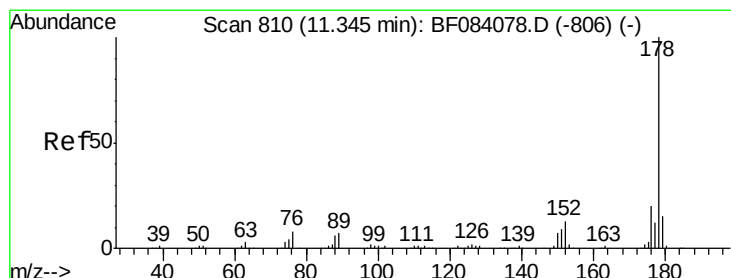
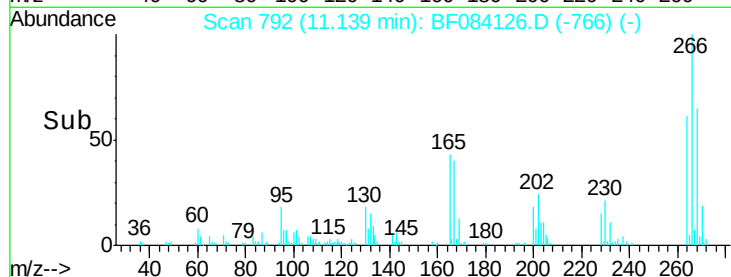
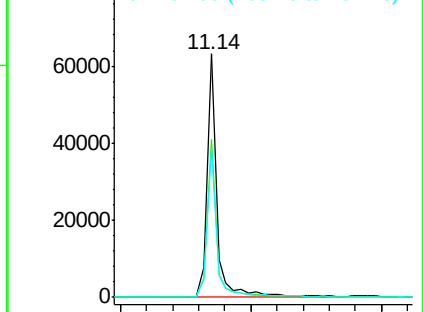
#69
 Pentachlorophenol
 Concen: 94.38 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tgt Ion:266 Resp: 66415
 Ion Ratio Lower Upper
 266 100
 268 64.8 52.4 78.6
 264 61.3 50.2 75.2

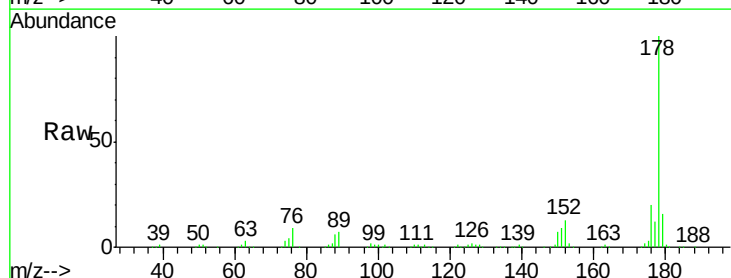


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

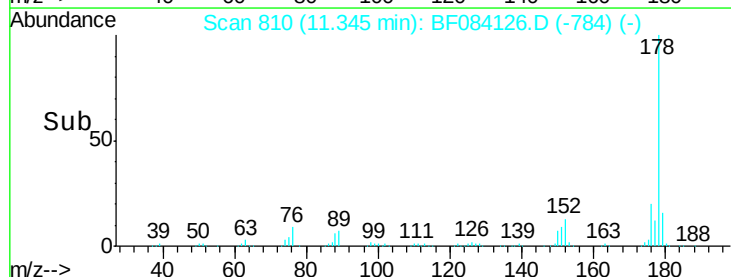
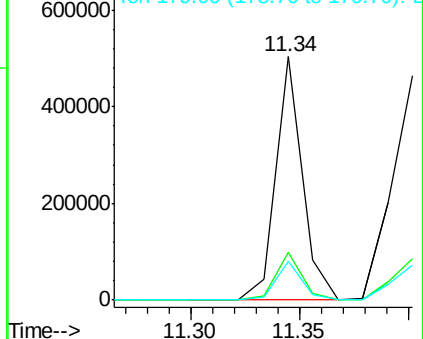


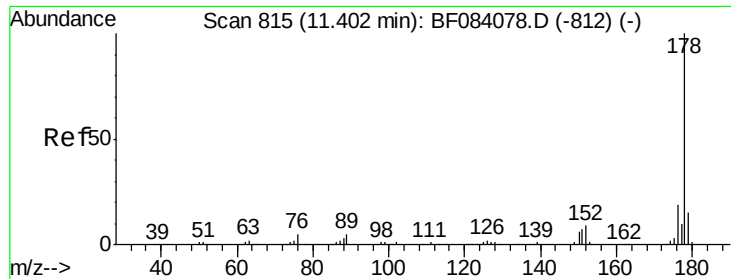
#70
 Phenanthrene
 Concen: 44.15 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion:178 Resp: 434406
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 15.8 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

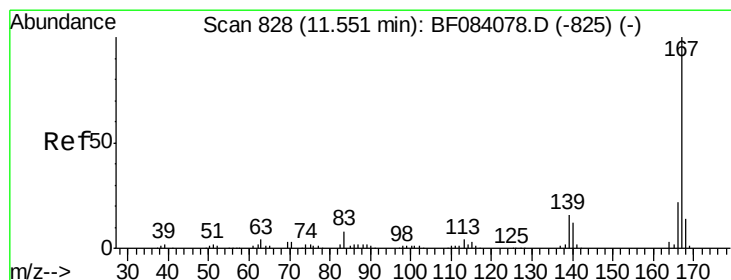
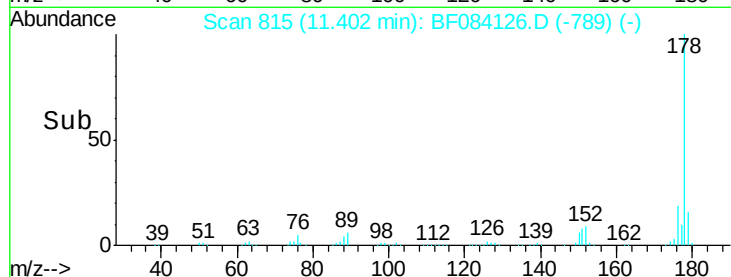
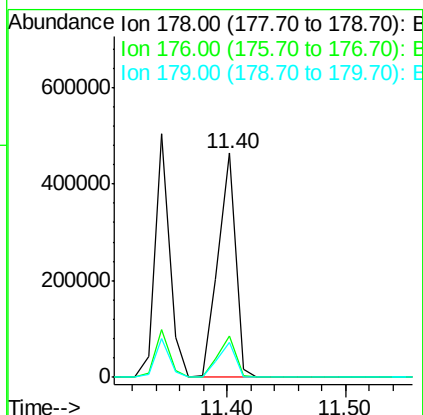
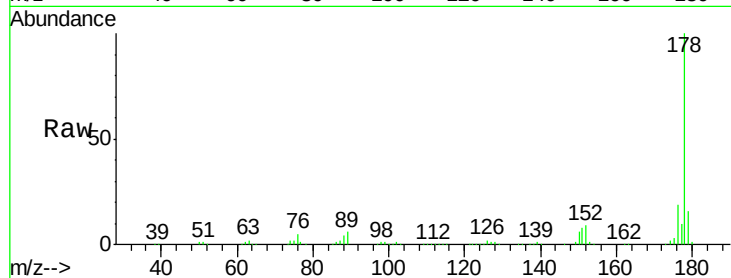




#71
 Anthracene
 Concen: 45.94 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

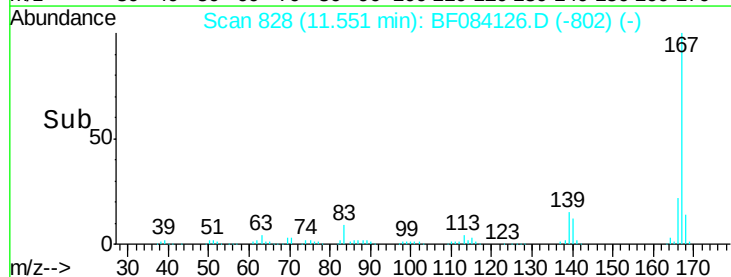
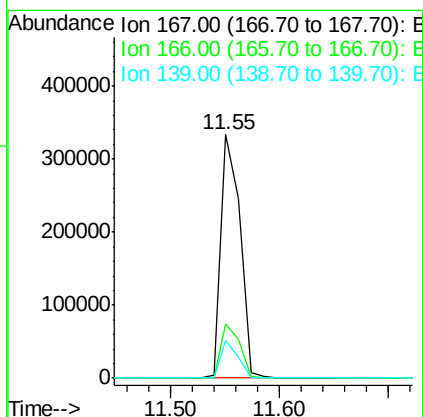
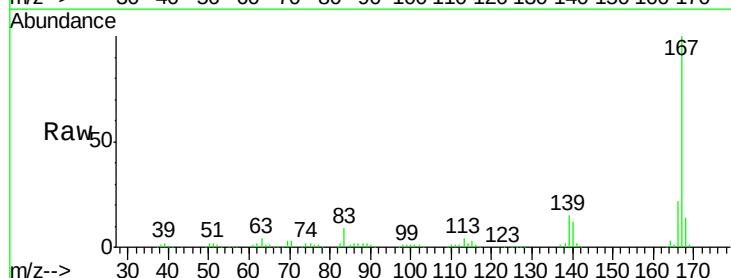
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

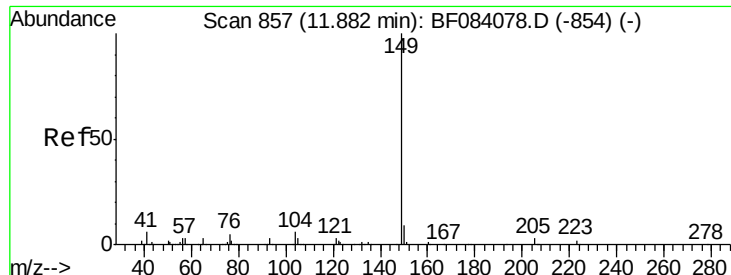
Tgt Ion:178 Resp: 472711
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 46.58 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion:167 Resp: 407722
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 15.3 11.8 17.8

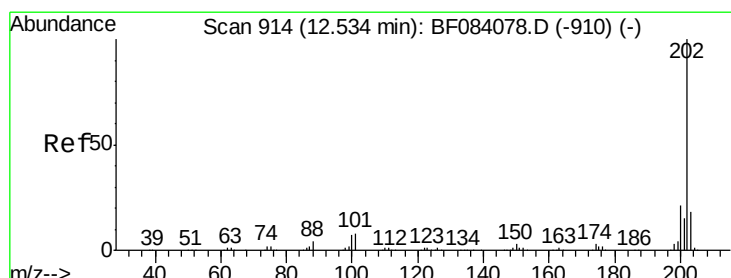
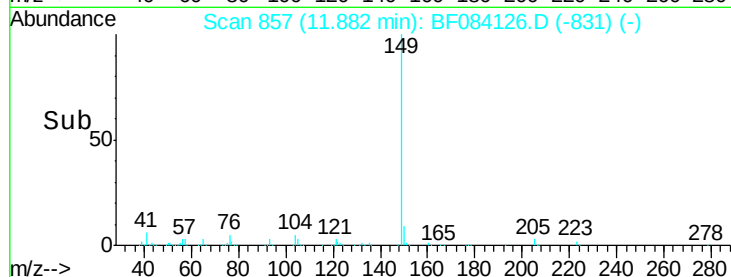
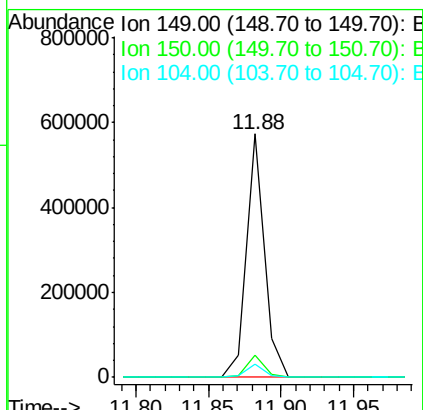
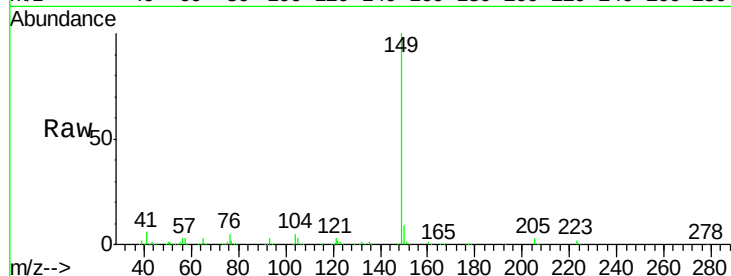




#73
Di-n-butylphthalate
Concen: 43.59 ng
RT: 11.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

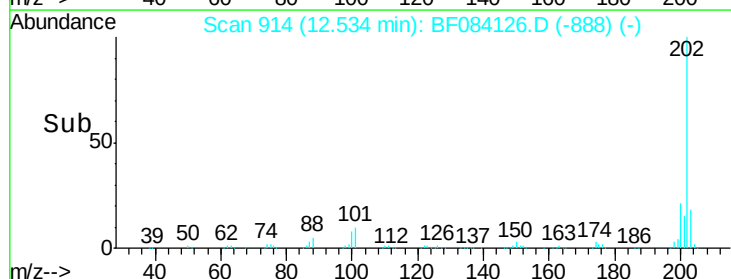
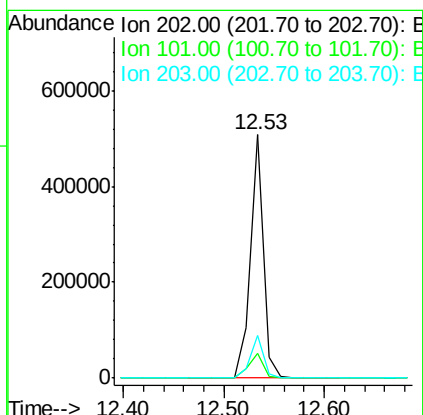
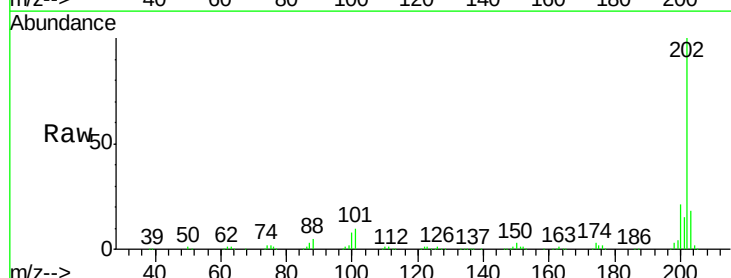
Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

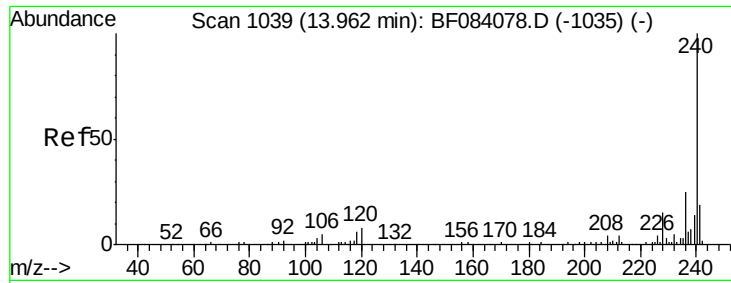
Tgt Ion:149 Resp: 491580
Ion Ratio Lower Upper
149 100
150 9.4 7.1 10.7
104 5.5 3.2 4.8#



#74
Fluoranthene
Concen: 44.65 ng
RT: 12.53 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion:202 Resp: 455807
Ion Ratio Lower Upper
202 100
101 9.9 0.0 32.8
203 17.7 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

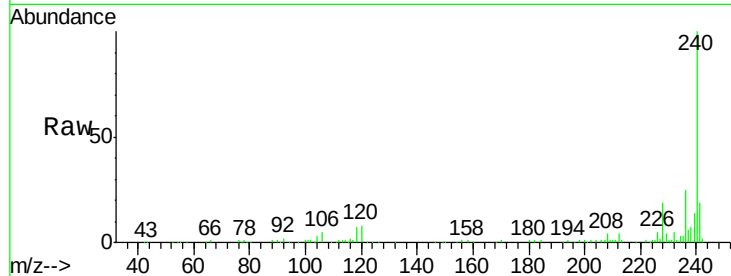
Tgt Ion:240 Resp: 116411

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

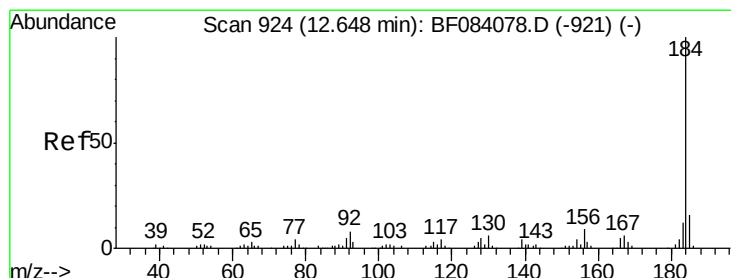
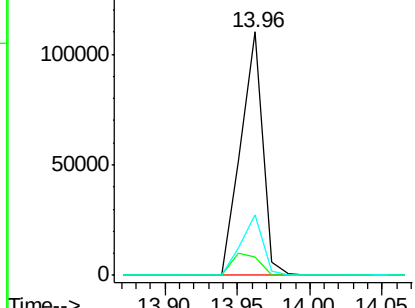
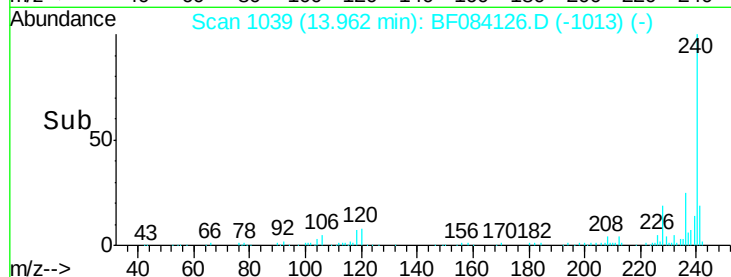
236 24.9 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.68 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

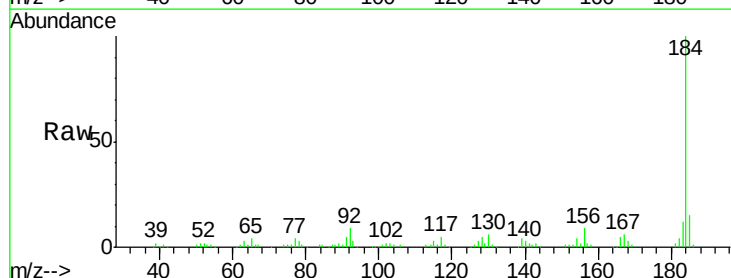
Tgt Ion:184 Resp: 141186

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

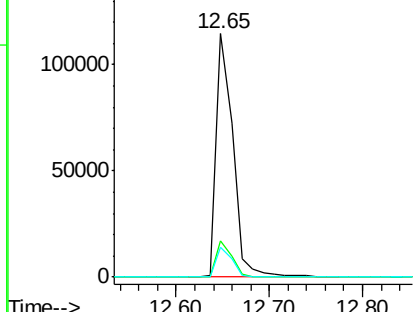
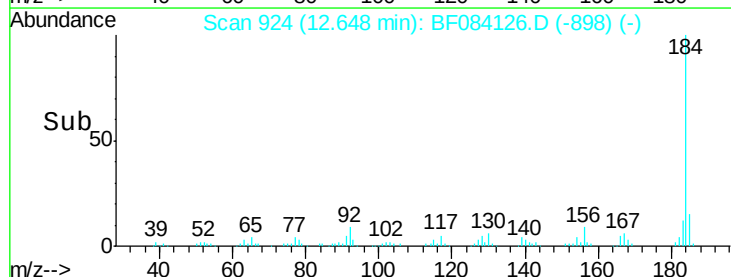
183 12.2 9.8 14.8

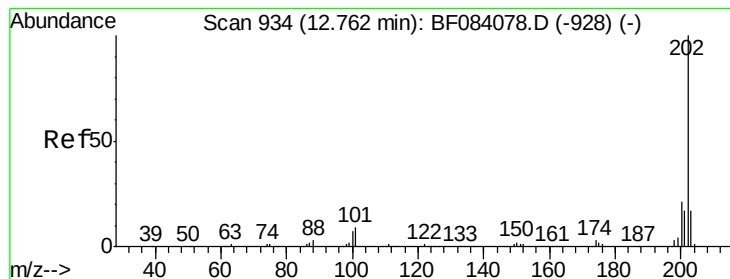


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.66 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

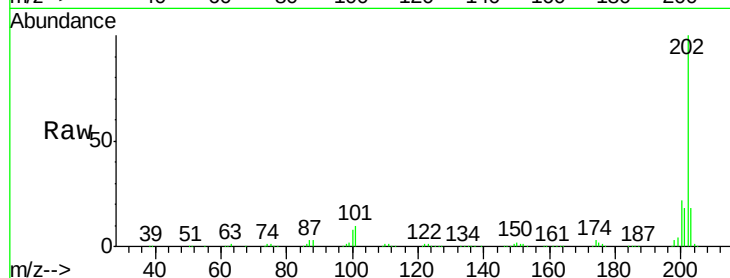
Tgt Ion:202 Resp: 478642

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

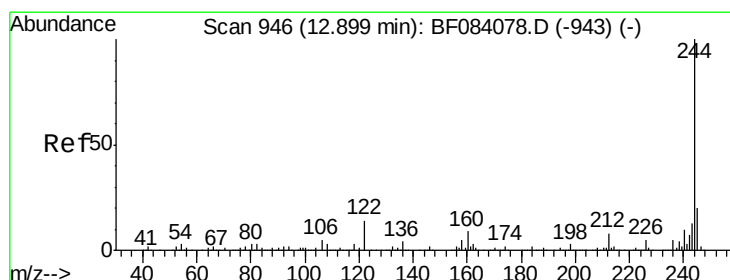
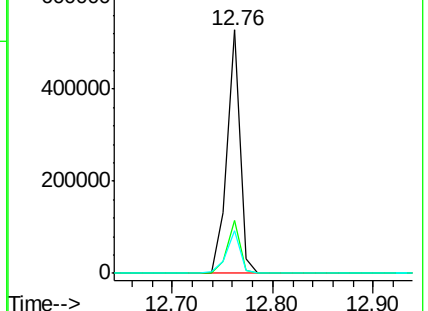
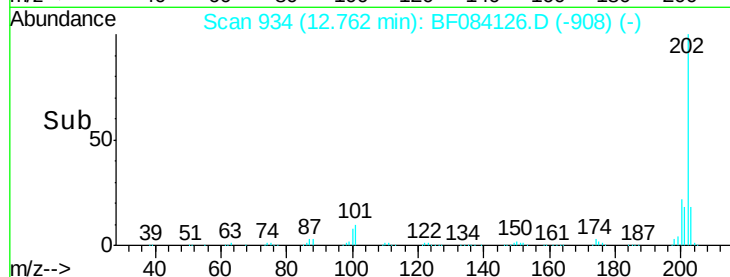
203 17.6 14.3 21.5



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: 76.34 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

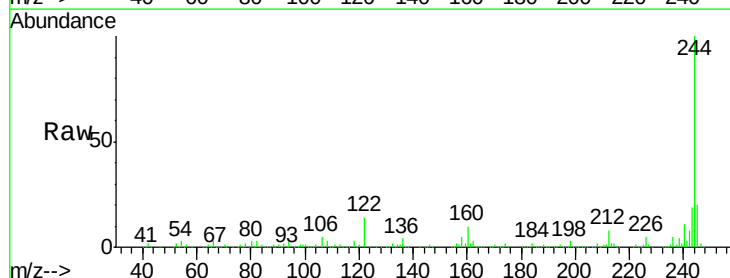
Tgt Ion:244 Resp: 491094

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

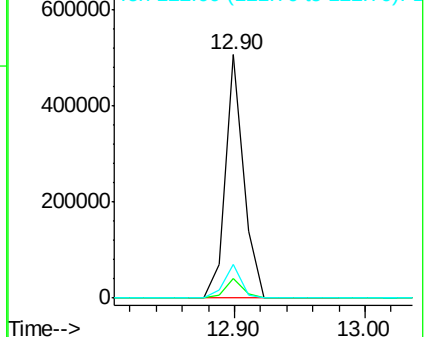
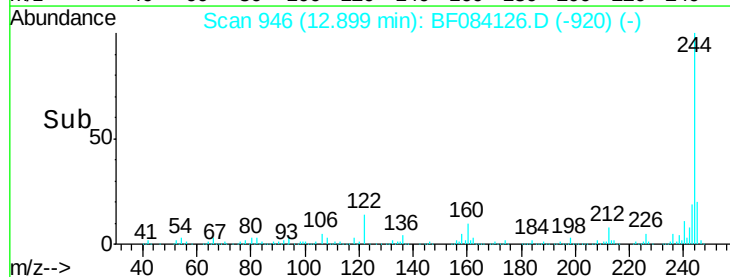
122 13.9 7.4 11.0#

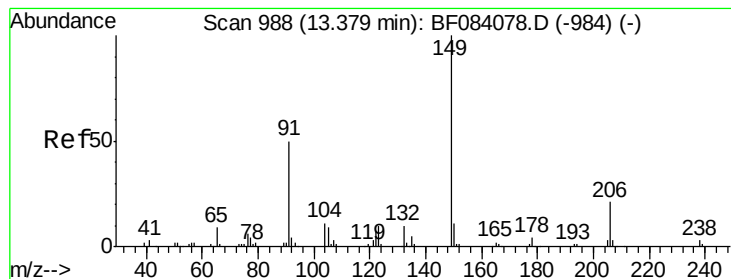


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.91 ng

RT: 13.38 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

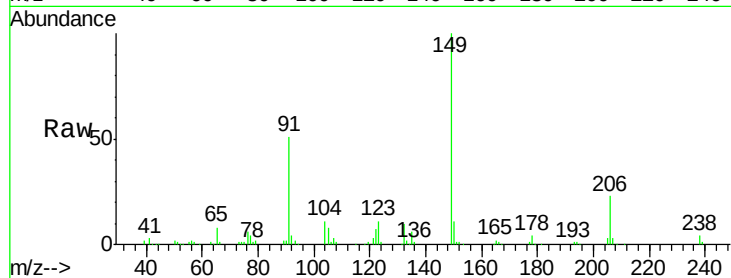
Tgt Ion:149 Resp: 203329

Ion Ratio Lower Upper

149 100

91 50.5 57.6 86.4#

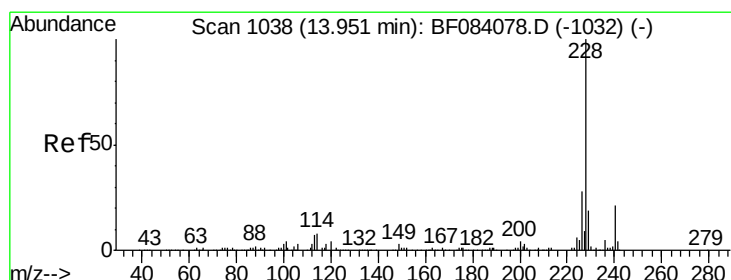
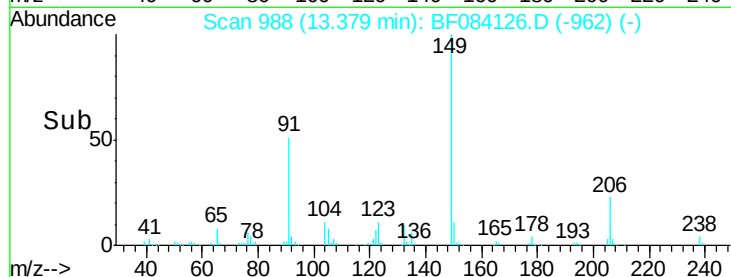
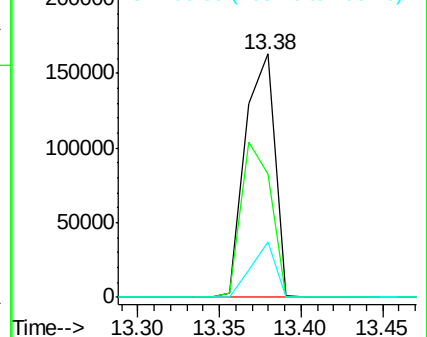
206 22.8 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.42 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

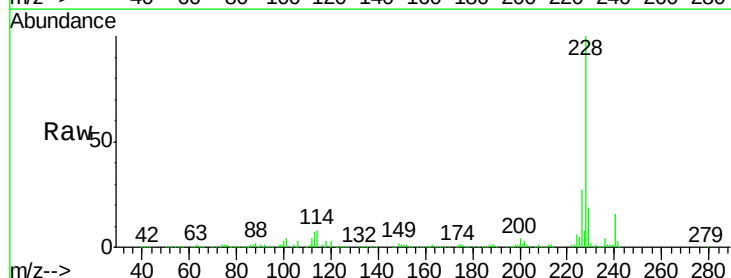
Tgt Ion:228 Resp: 332387

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

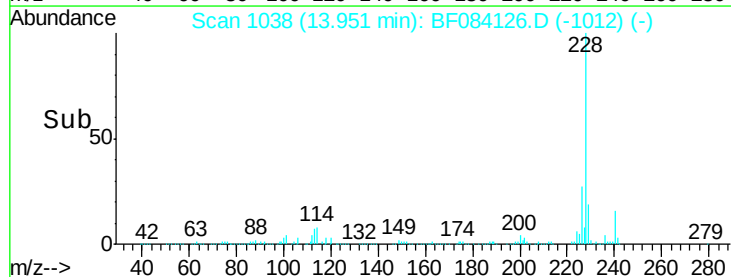
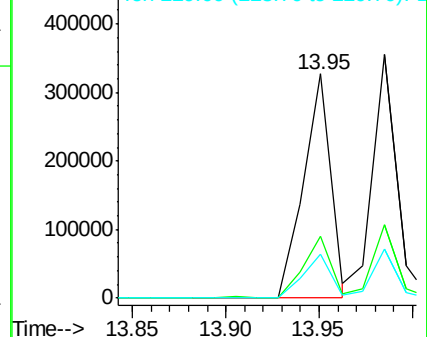
229 19.4 15.8 23.8

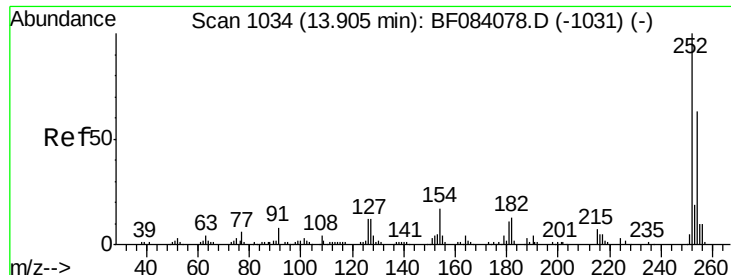


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

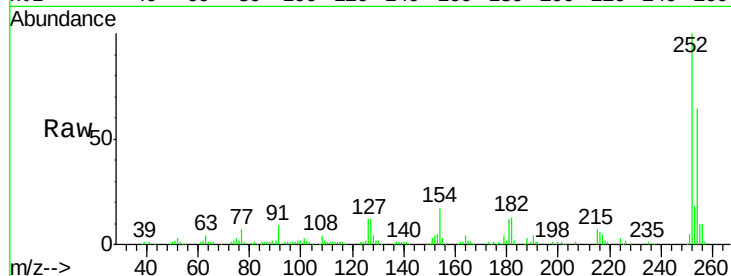




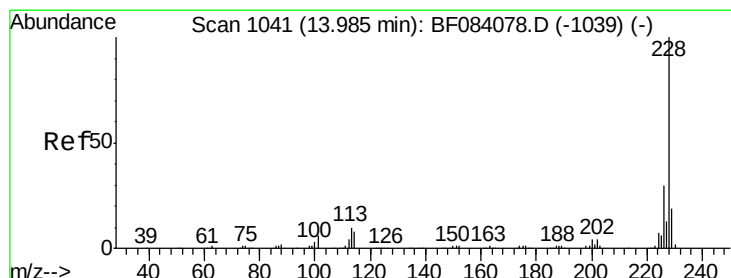
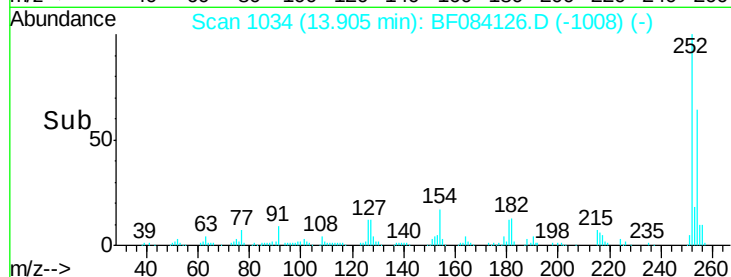
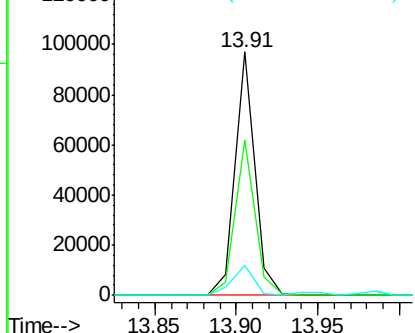
#81
 3,3'-Dichlorobenzidine
 Concen: 37.06 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tgt Ion:252 Resp: 80370
 Ion Ratio Lower Upper
 252 100
 254 63.6 53.5 80.3
 126 12.5 4.9 7.3#

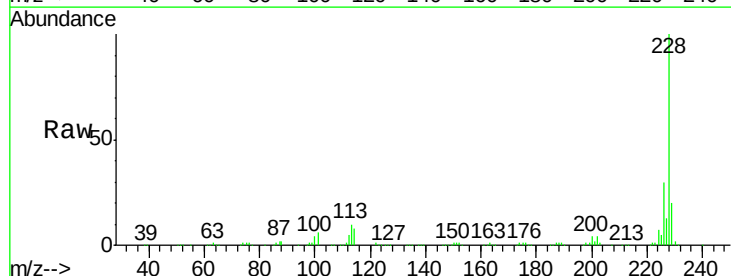


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

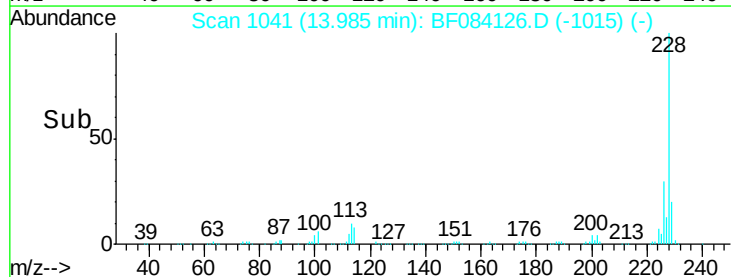
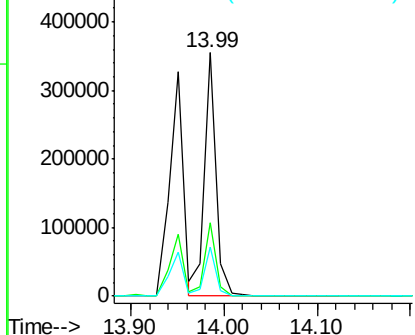


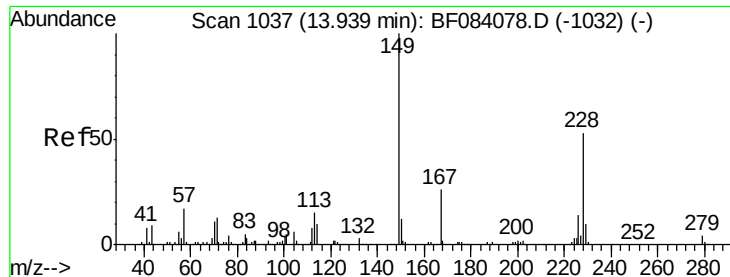
#82
 Chrysene
 Concen: 47.86 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion:228 Resp: 316048
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.3 36.5
 229 19.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.85 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

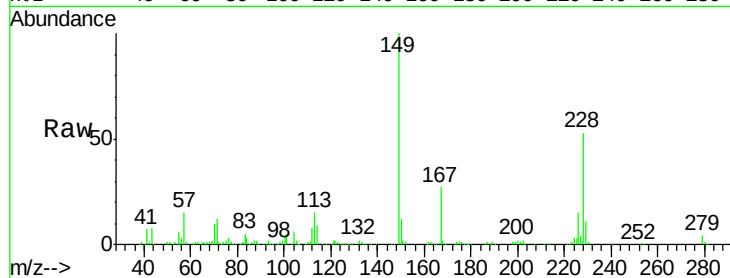
Tgt Ion:149 Resp: 267770

Ion Ratio Lower Upper

149 100

167 26.5 19.7 29.5

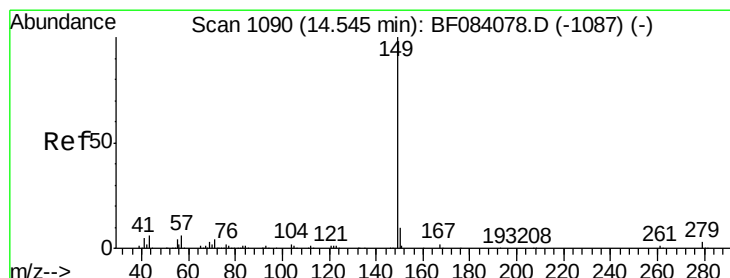
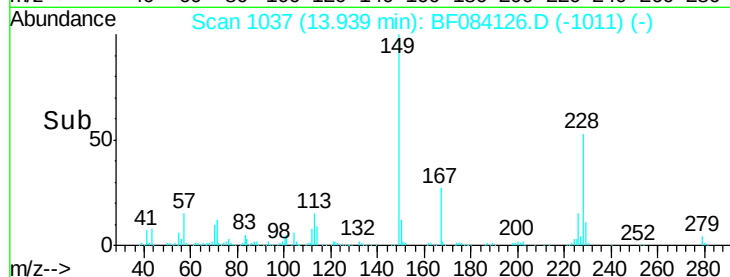
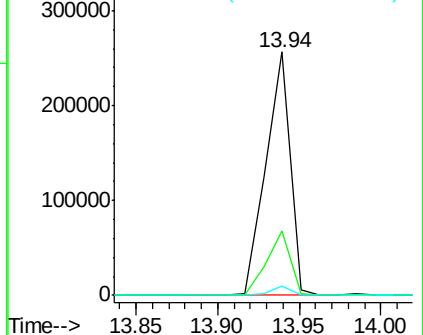
279 4.0 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.29 ng

RT: 14.55 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

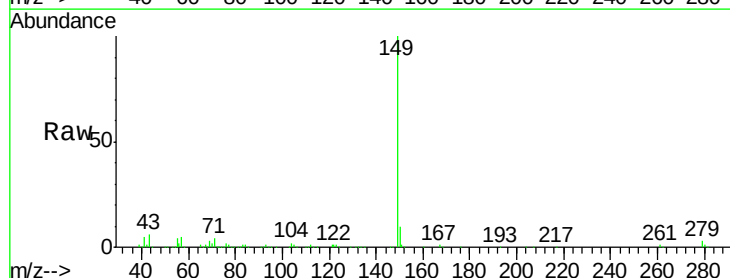
Tgt Ion:149 Resp: 402786

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

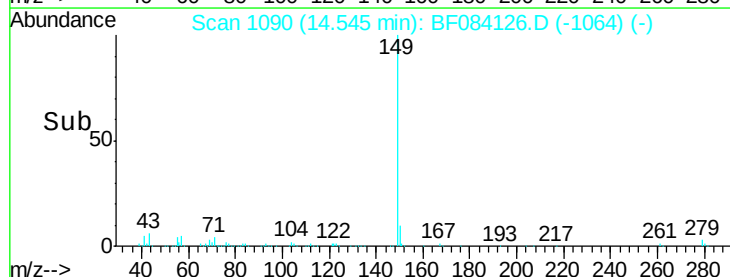
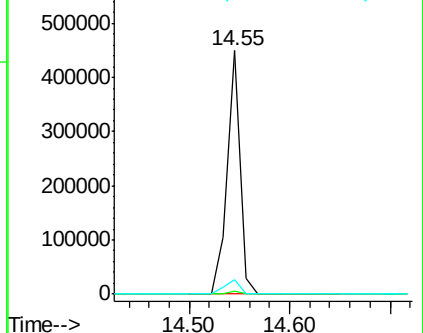
43 7.3 5.6 8.4

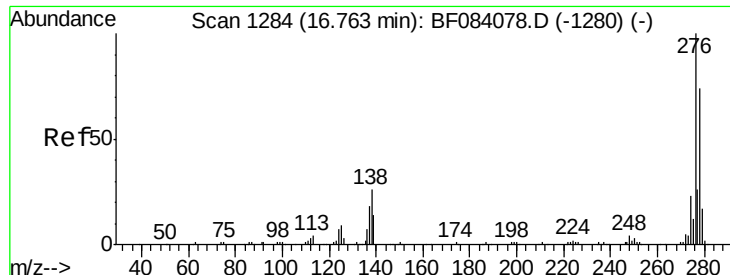


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

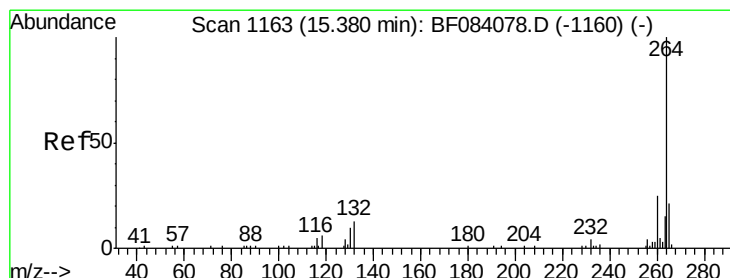
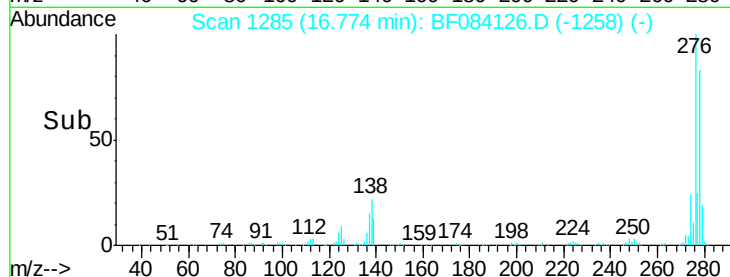
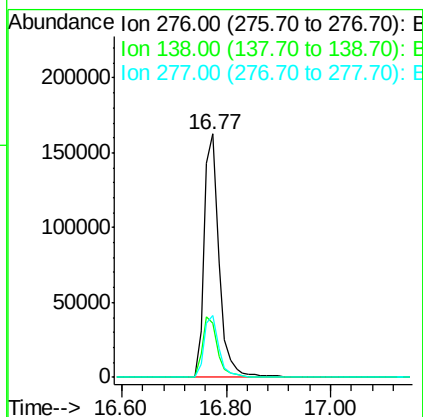
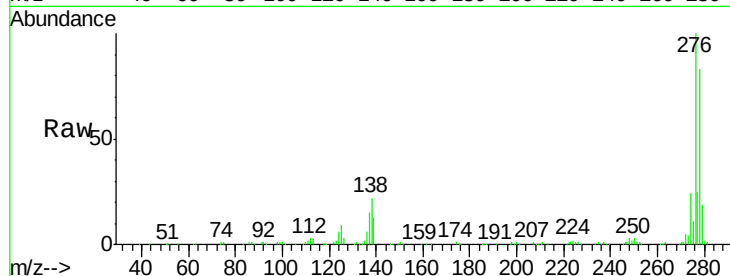




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.79 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

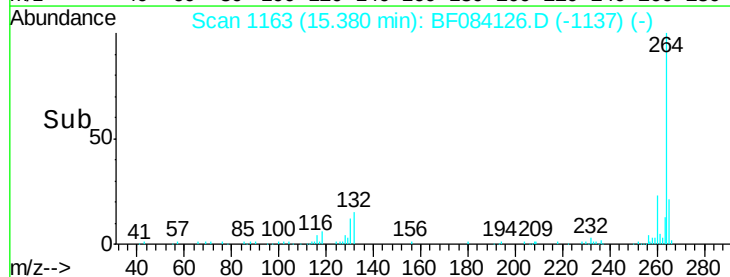
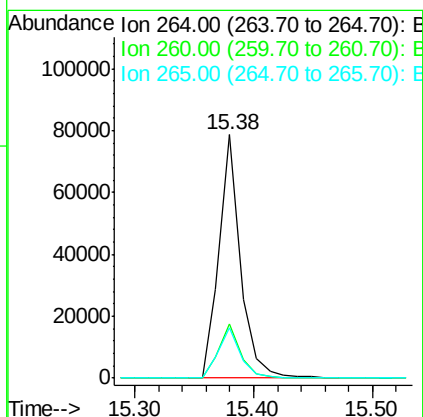
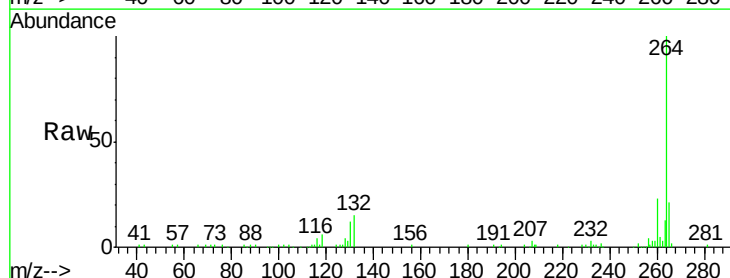
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

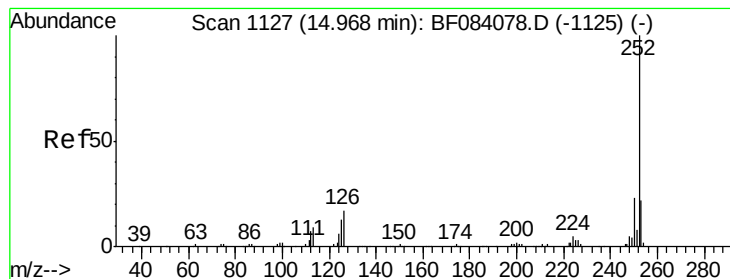
Tgt Ion: 276 Resp: 322584
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.6 30.8
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion: 264 Resp: 98336
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.4 29.2
 265 20.9 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 79.53 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.03 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

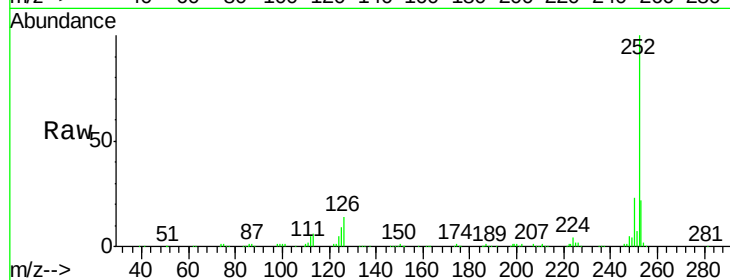
Tgt Ion:252 Resp: 580808

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

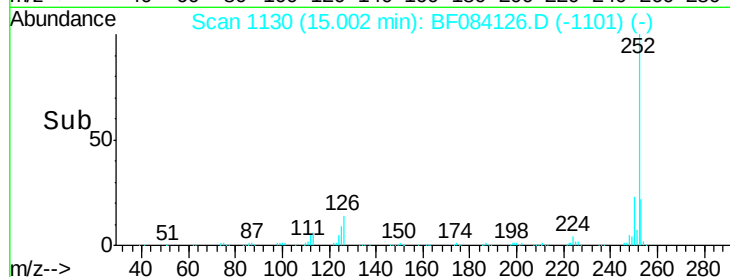
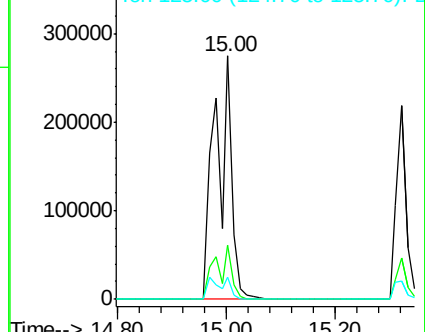
125 9.0 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 117.36 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

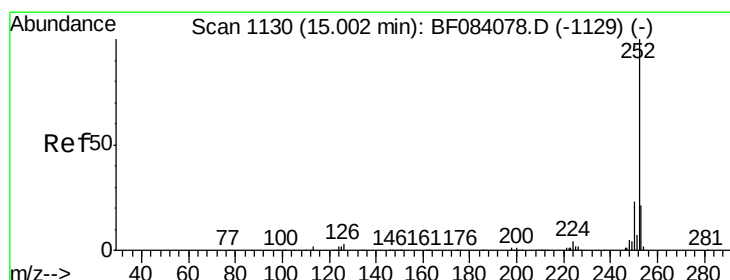
Tgt Ion:252 Resp: 580808

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

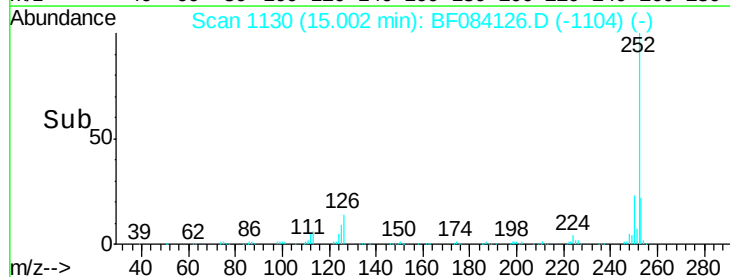
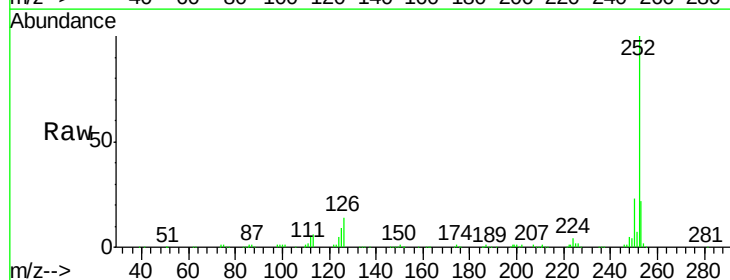
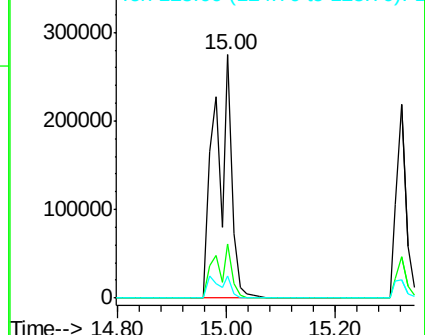
125 9.0 9.0 13.6#

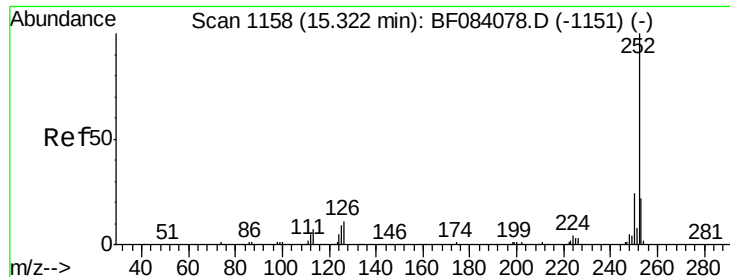


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.59 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

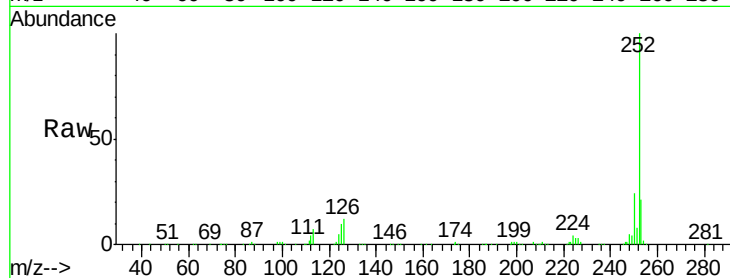
Tgt Ion:252 Resp: 280310

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

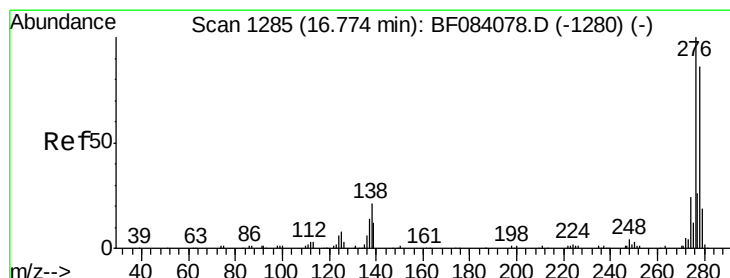
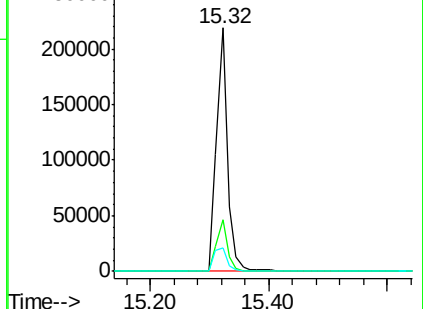
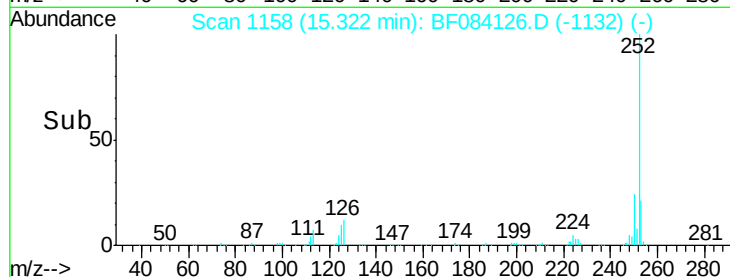
125 9.7 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.55 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

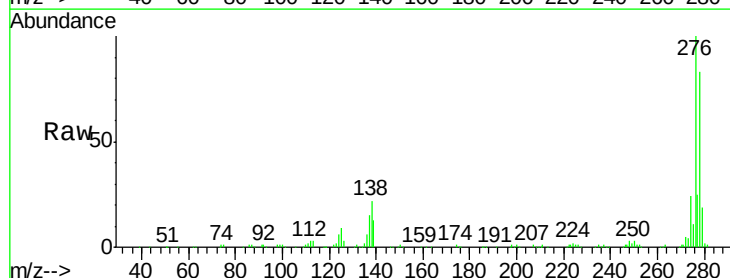
Tgt Ion:278 Resp: 267461

Ion Ratio Lower Upper

278 100

139 15.1 15.0 22.4

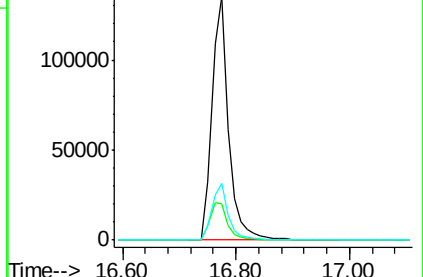
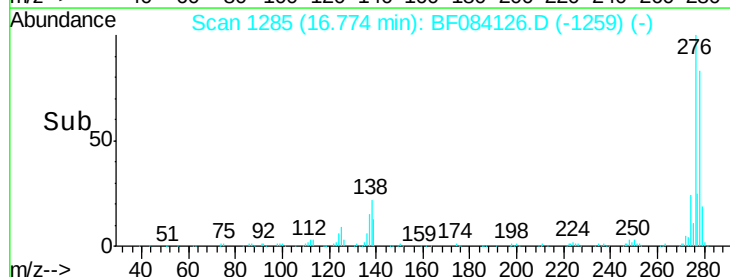
279 23.4 18.9 28.3

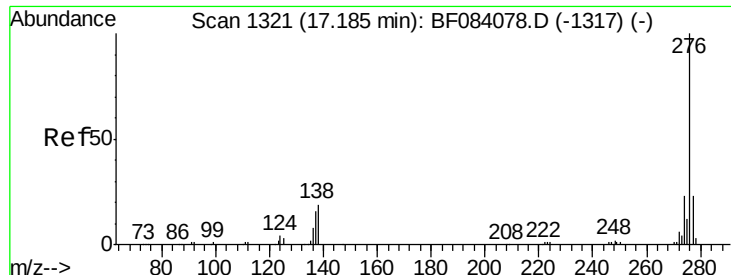


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.24 ng

RT: 17.19 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF084126.D

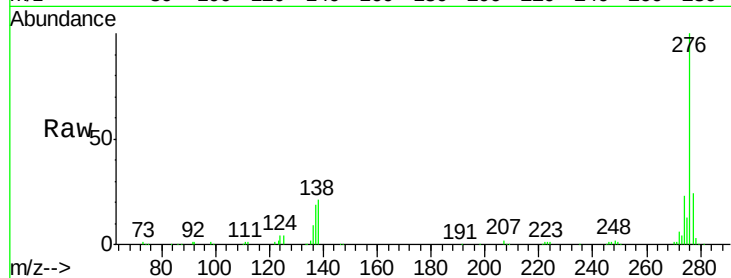
Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD



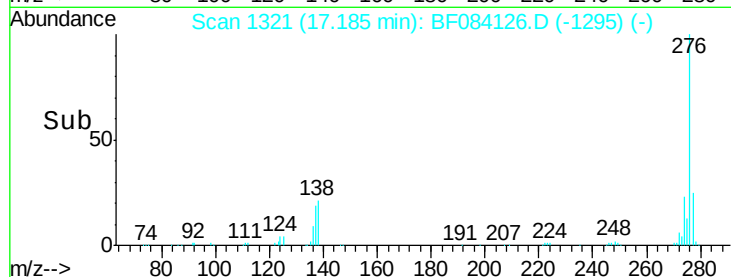
Tgt Ion: 276 Resp: 271117

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 21.2 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

