

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082560.D
 Acq On : 27 Oct 2015 21:42
 Operator : UM/IZ
 Sample : G4157-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Quant Time: Oct 28 12:21:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	82143	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	313954	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	154150	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	284838	20.00	ng	-0.02
75) Chrysene-d12	13.89	240	187740	20.00	ng	-0.02
86) Perylene-d12	15.30	264	165404	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	550966	132.41	ng	0.02
7) Phenol-d6	6.39	99	676173	124.68	ng	0.01
23) Nitrobenzene-d5	7.29	82	473815	97.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	158517	137.32	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	985086	101.62	ng	-0.01
78) Terphenyl-d14	12.82	244	796175	122.18	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.39	88	73079	34.99	ng	91
3) Pyridine	3.07	79	166512m	34.20	ng	
4) n-Nitrosodimethylamine	2.99	42	88479	41.33	ng	99
6) Aniline	6.40	93	35565	5.20	ng	# 1
8) 2-Chlorophenol	6.50	128	212669	43.58	ng	90
9) Benzaldehyde	6.26	77	77554	26.68	ng	99
10) Phenol	6.40	94	235585	38.26	ng	# 74
11) bis(2-Chloroethyl)ether	6.46	93	211773	43.34	ng	97
12) 1,3-Dichlorobenzene	6.65	146	234491m	40.28	ng	
13) 1,4-Dichlorobenzene	6.73	146	238142	39.76	ng	96
14) 1,2-Dichlorobenzene	6.88	146	228857m	41.17	ng	
15) Benzyl Alcohol	6.88	79	175700	46.54	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	290725	43.95	ng	77
17) 2-Methylphenol	7.01	107	163229	41.70	ng	98
18) Hexachloroethane	7.21	117	80694	39.58	ng	91
19) n-Nitroso-di-n-propylamine	7.14	70	164478	46.55	ng	97
20) 3+4-Methylphenols	7.17	107	221577	44.31	ng	96
22) Acetophenone	7.13	105	297921	43.74	ng	# 96
24) Nitrobenzene	7.31	77	216855	39.91	ng	90
25) Isophorone	7.55	82	401521	41.53	ng	96
26) 2-Nitrophenol	7.62	139	116220	44.27	ng	# 75
27) 2,4-Dimethylphenol	7.68	122	190293	44.60	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	253039	44.63	ng	99
29) 2,4-Dichlorophenol	7.87	162	196689	46.22	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	203423	42.28	ng	98
31) Naphthalene	8.02	128	635441	44.29	ng	99
32) Benzoic acid	7.82	122	44926	18.80	ng	95
33) 4-Chloroaniline	8.09	127	30903	5.56	ng	# 93
34) Hexachlorobutadiene	8.14	225	118273	42.49	ng	99
35) Caprolactam	8.48	113	45505m	38.47	ng	
36) 4-Chloro-3-methylphenol	8.59	107	194342	46.96	ng	98
37) 2-Methylnaphthalene	8.72	142	436519	45.03	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	214536	46.11	ng	99
40) Hexachlorocyclopentadiene	8.86	237	66305	57.50	ng	99

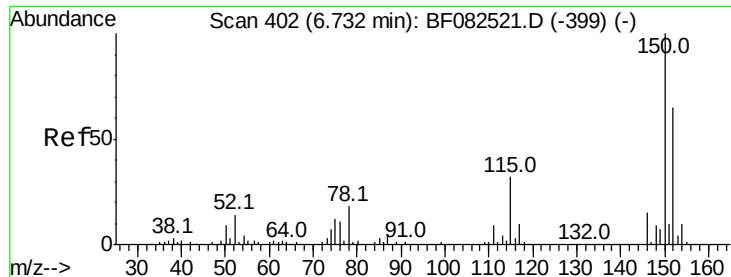
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	125026	43.11	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	125882	41.39	nq #	92
45) 1,1'-Biphenyl	9.18	154	509018	44.37	nq	97
46) 2-Chloronaphthalene	9.20	162	404865	44.77	nq	96
47) 2-Nitroaniline	9.31	65	113370	43.17	nq	99
48) Acenaphthylene	9.62	152	648415	44.77	nq	98
49) Dimethylphthalate	9.49	163	486198	45.33	nq	99
50) 2,6-Dinitrotoluene	9.55	165	99565	42.34	nq #	40
51) Acenaphthene	9.79	154	379638	45.71	nq	99
52) 3-Nitroaniline	9.74	138	19163	7.51	nq #	98
53) 2,4-Dinitrophenol	9.85	184	48303	50.65	nq #	92
54) Dibenzofuran	9.97	168	576879	47.60	nq	94
55) 4-Nitrophenol	9.93	139	61483m	58.42	nq	
56) 2,4-Dinitrotoluene	9.97	165	138838	48.68	nq #	84
57) Fluorene	10.31	166	461622	46.40	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	113627	48.80	nq	94
59) Diethylphthalate	10.18	149	460786	44.14	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	225992	48.30	nq #	85
61) 4-Nitroaniline	10.35	138	85424	33.43	nq	96
62) Azobenzene	10.46	77	479459	47.55	nq	85
64) 4,6-Dinitro-2-methylphenol	10.38	198	58595	35.06	nq	88
65) n-Nitrosodiphenylamine	10.42	169	406554	47.18	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	129021	48.27	nq #	76
67) Hexachlorobenzene	10.85	284	132062	46.32	nq #	82
68) Atrazine	10.96	200	140197	52.55	nq	96
69) Pentachlorophenol	11.06	266	76074	66.74	nq	99
70) Phenanthrene	11.27	178	690791	47.12	nq	98
71) Anthracene	11.31	178	677581	45.90	nq	100
72) Carbazole	11.49	167	601189	46.18	nq	99
73) Di-n-butylphthalate	11.81	149	786508	50.65	nq #	98
74) Fluoranthene	12.45	202	643920	42.79	nq	98
76) Benzidine	12.58	184	128740	24.99	nq	98
77) Pyrene	12.67	202	650805	56.36	nq	99
79) Butylbenzylphthalate	13.30	149	285551	58.81	nq #	78
80) Benzo(a)anthracene	13.88	228	458918	45.60	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	49156	14.08	nq	96
82) Chrysene	13.91	228	443681	46.67	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	358850	55.19	nq #	95
84) Di-n-octyl phthalate	14.48	149	510337	47.56	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	448750	51.37	nq	100
87) Benzo(b)fluoranthene	14.90	252	395257m	40.24	nq	
88) Benzo(k)fluoranthene	14.93	252	408614m	51.03	nq	
89) Benzo(a)pyrene	15.25	252	393555	46.25	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	378918	53.22	nq	100
91) Benzo(g,h,i)perylene	17.06	276	385232	54.68	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

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BNA_F

ClientSampleId :

SB-1MSD

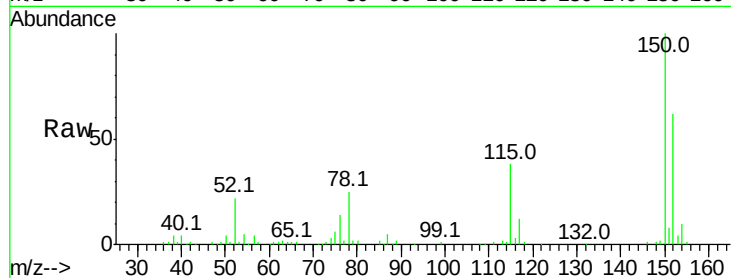
Tot Ion:152 Resp: 82143

Ion Ratio Lower Upper

152 100

150 160.3 123.4 185.0

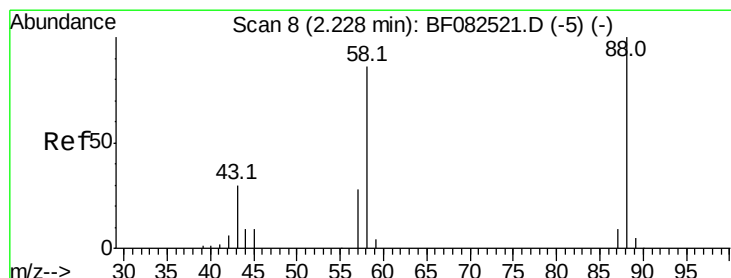
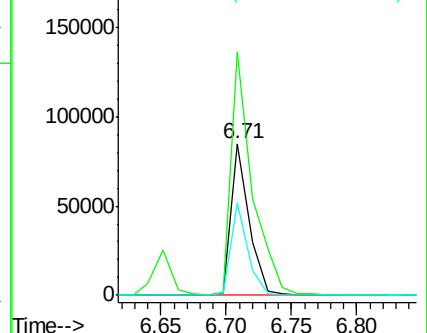
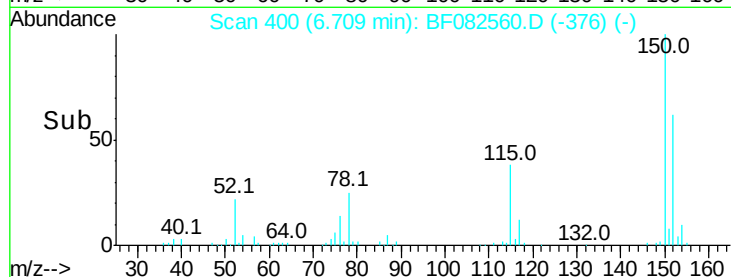
115 61.2 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.99 ng

RT: 2.39 min Scan# 22

Delta R.T. 0.16 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

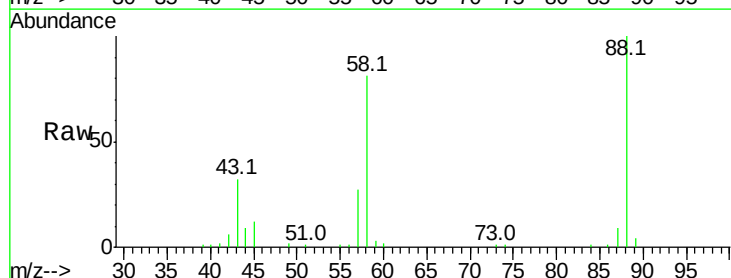
Tgt Ion: 88 Resp: 73079

Ion Ratio Lower Upper

88 100

58 88.3 63.0 94.4

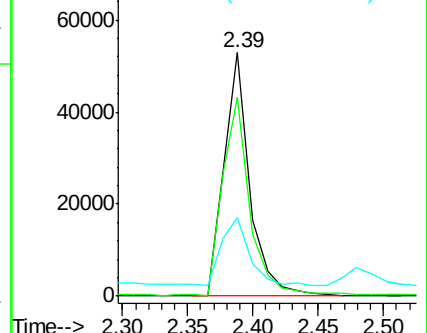
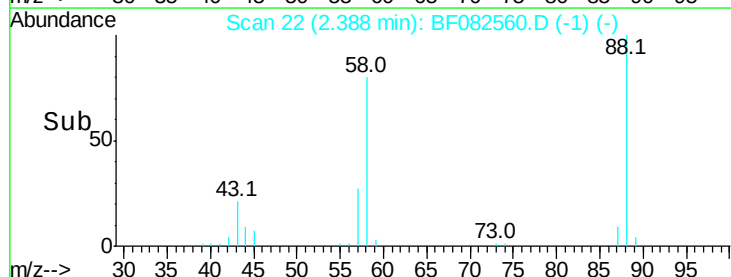
43 30.5 22.5 33.7

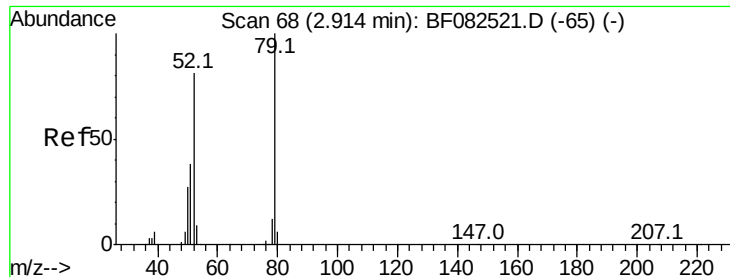


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

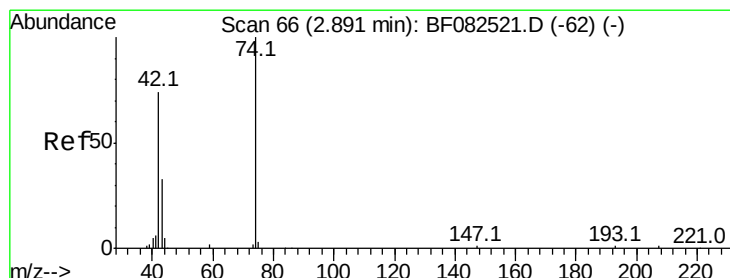
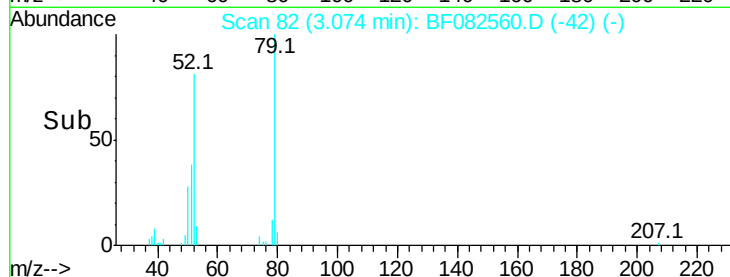
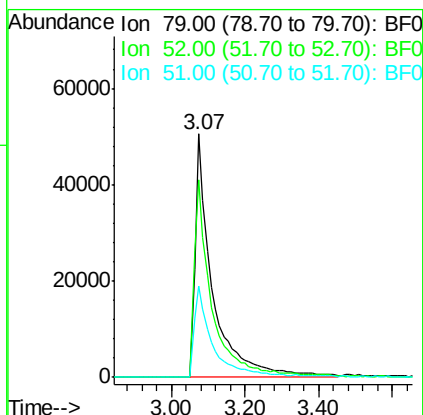
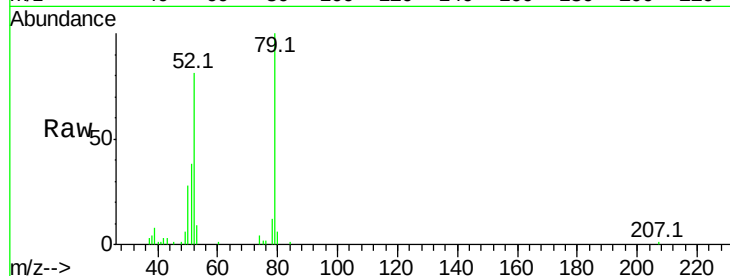




#3
 Pvridine
 Concen: 34.20 ng/ml
 RT: 3.07 min Scan# 82
 Delta R.T. 0.16 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

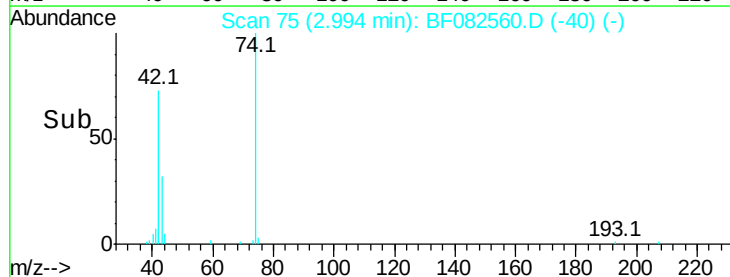
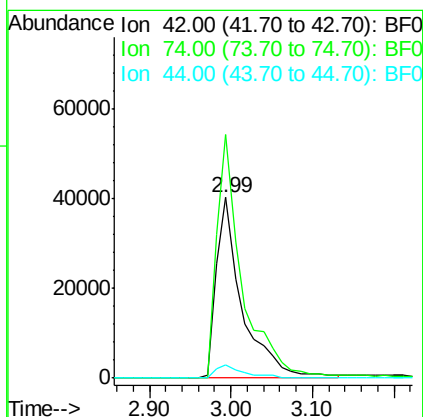
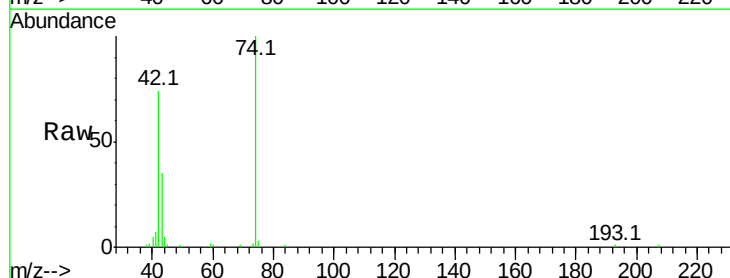
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

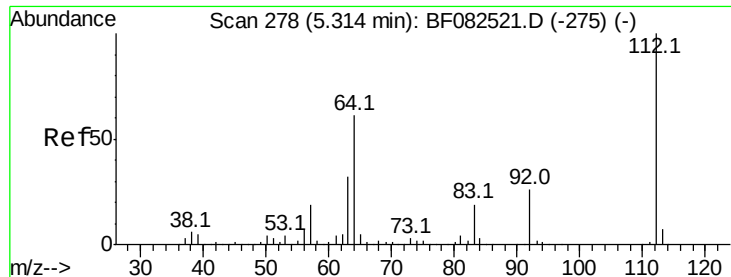
Tot Ion: 79 Resp: 166512
 Ion Ratio Lower Upper
 79 100
 52 81.2 64.4 96.6
 51 37.6 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 41.33 ng
 RT: 2.99 min Scan# 75
 Delta R.T. 0.10 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion: 42 Resp: 88479
 Ion Ratio Lower Upper
 42 100
 74 134.8 108.3 162.5
 44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 132.41 ng

RT: 5.34 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

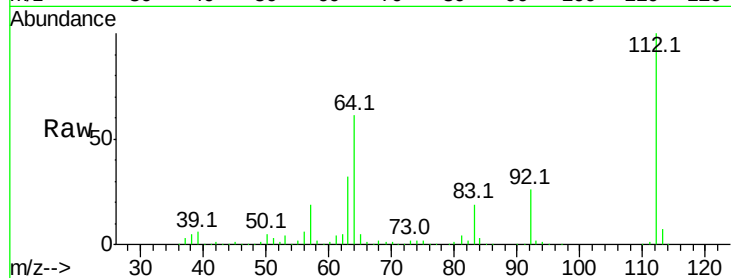
Tot Ion:112 Resp: 550966

Ion Ratio Lower Upper

112 100

64 60.7 49.0 73.4

63 32.0 25.8 38.6

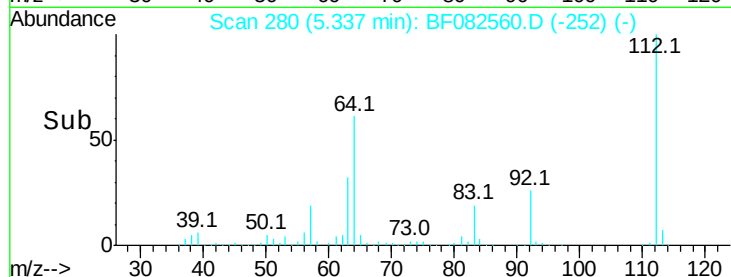


Abundance Ion 112.00 (111.70 to 112.70): E

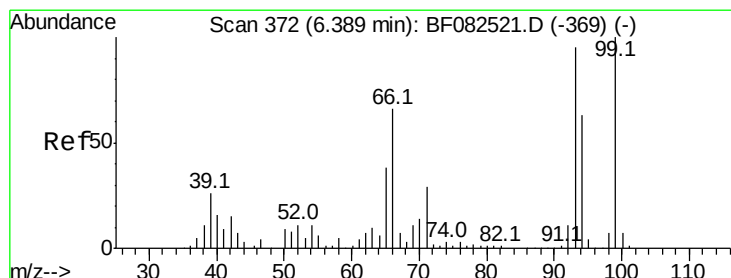
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 5.20 ng

RT: 6.40 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

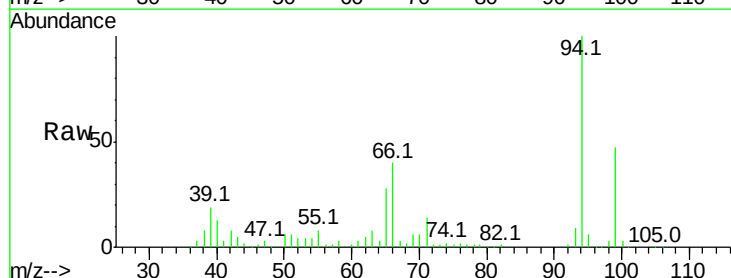
Tgt Ion: 93 Resp: 35565

Ion Ratio Lower Upper

93 100

66 452.0 55.9 83.9#

65 318.6 31.8 47.6#

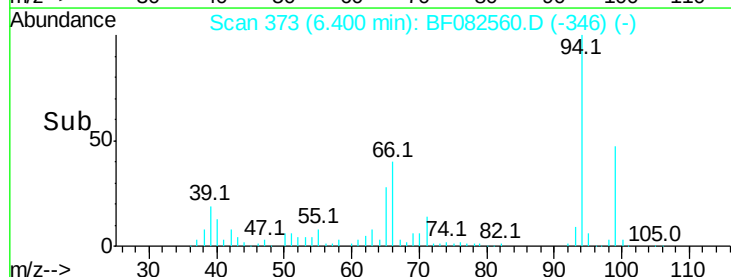


Abundance Ion 93.00 (92.70 to 93.70): BF0

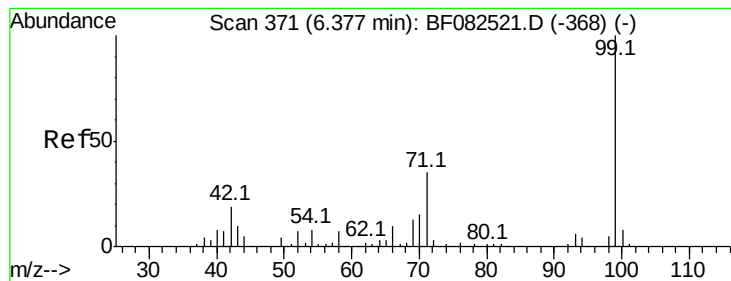
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 124.68 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

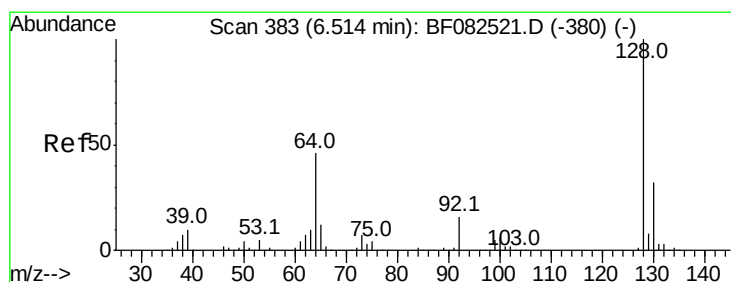
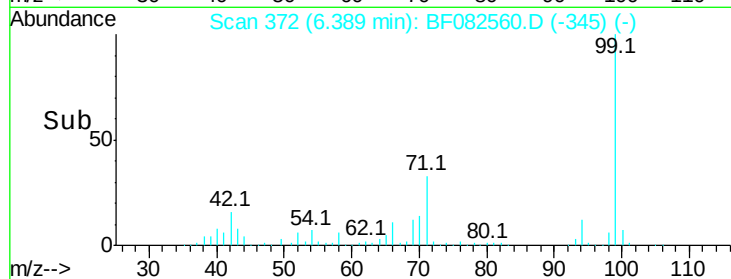
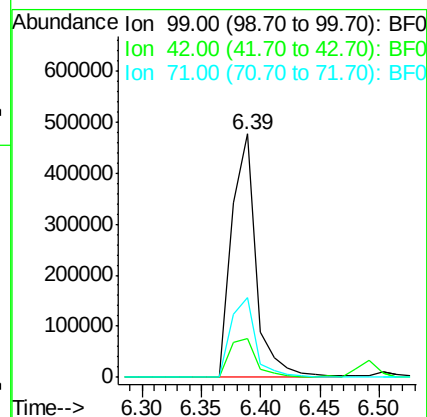
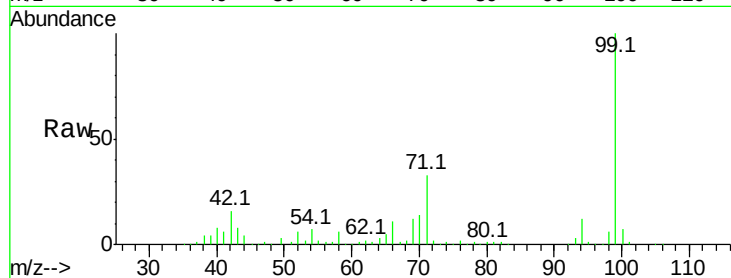
Tot Ion: 99 Resp: 676173

Ion Ratio Lower Upper

99 100

42 16.1 15.1 22.7

71 32.6 28.2 42.2



#8

2-Chlorophenol

Concen: 43.58 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

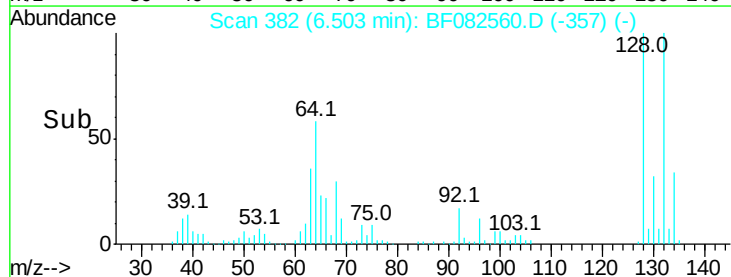
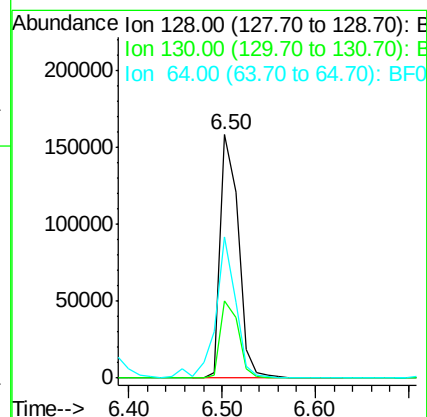
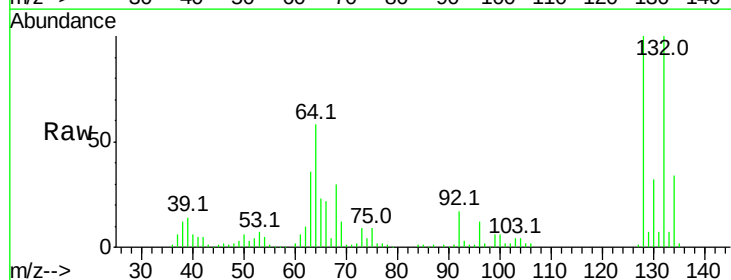
Tgt Ion: 128 Resp: 212669

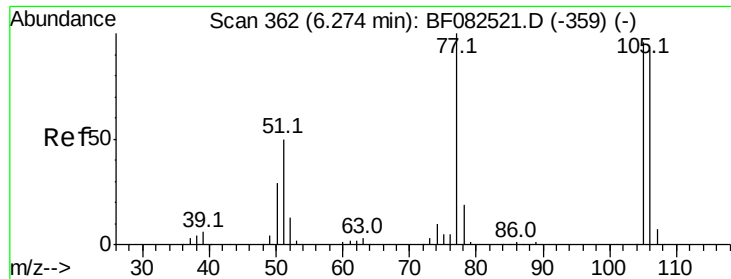
Ion Ratio Lower Upper

128 100

130 31.7 12.1 52.1

64 58.1 26.7 66.7

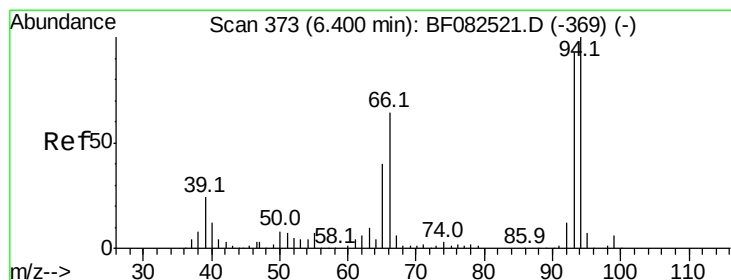
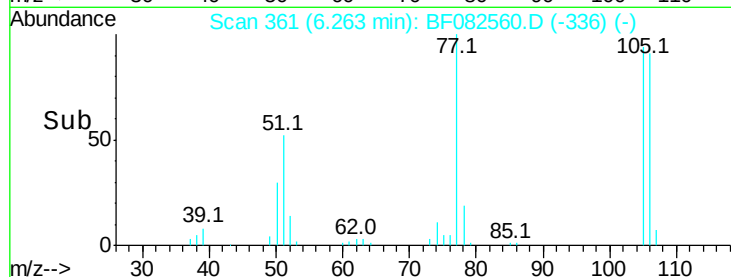
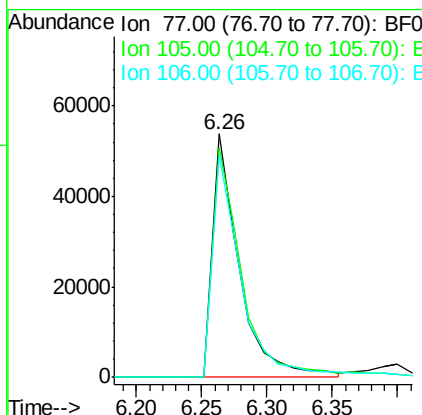
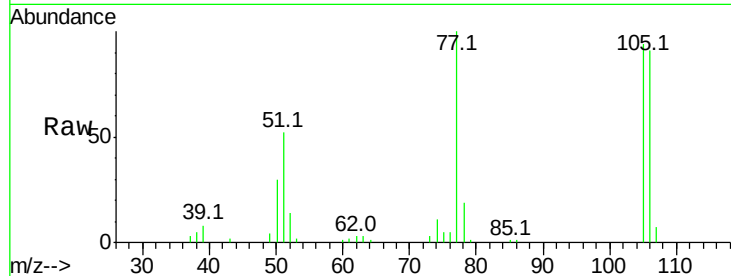




#9
Benzaldehyde
Concen: 26.68 ng
RT: 6.26 min Scan# 361
Delta R.T. -0.01 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

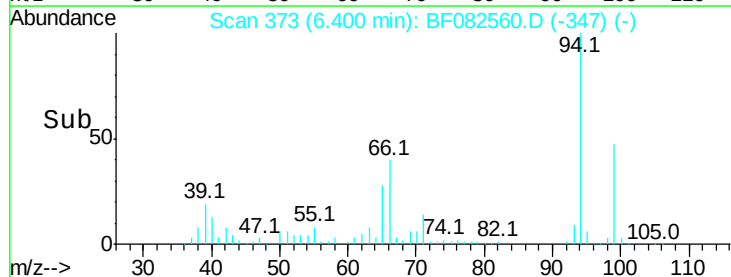
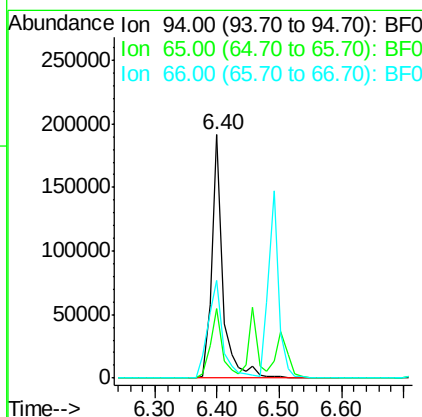
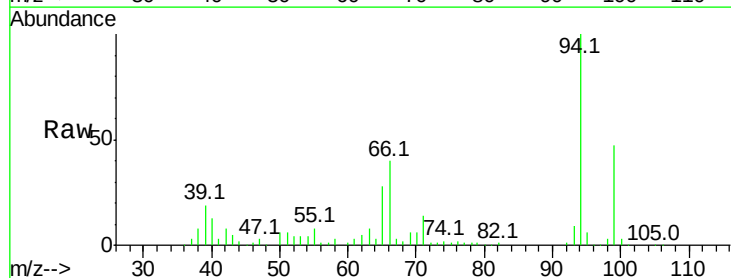
Instrument :
BNA_F
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SB-1MSD

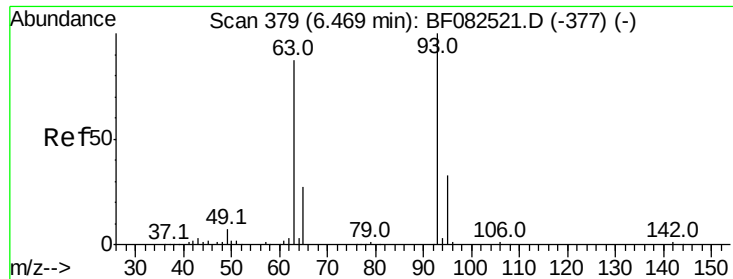
Tot Ion: 77 Resp: 77554
Ion Ratio Lower Upper
77 100
105 94.5 75.9 115.9
106 90.9 71.8 111.8



#10
Phenol
Concen: 38.26 ng
RT: 6.40 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Tgt Ion: 94 Resp: 235585
Ion Ratio Lower Upper
94 100
65 28.5 19.9 59.9
66 40.4 44.1 84.1#





#11

bis(2-Chloroethyl)ether

Concen: 43.34 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

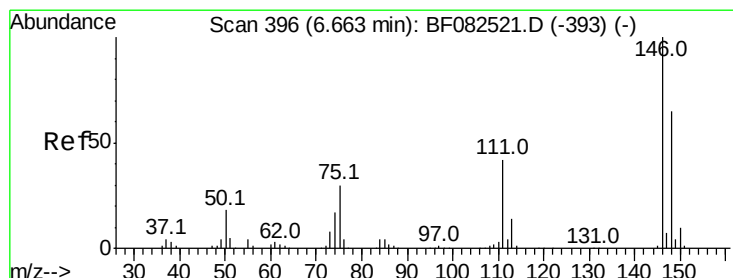
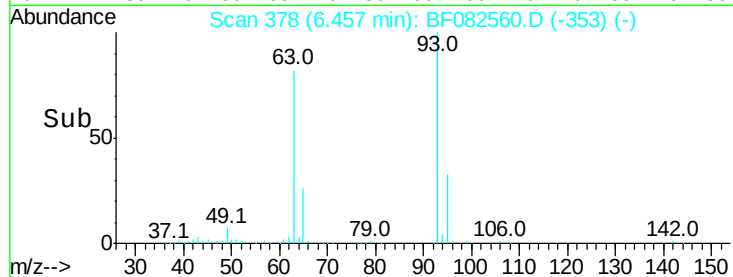
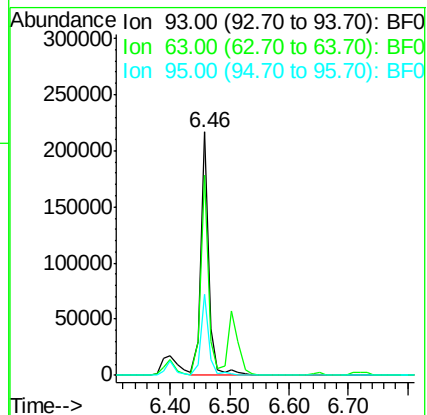
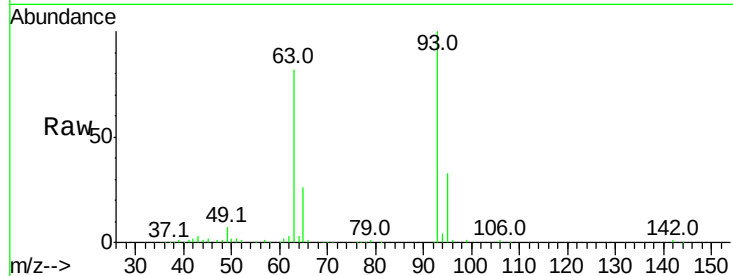
Tot Ion: 93 Resp: 211773

Ion Ratio Lower Upper

93 100

63 82.3 65.2 105.2

95 33.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 40.28 ng m

RT: 6.65 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

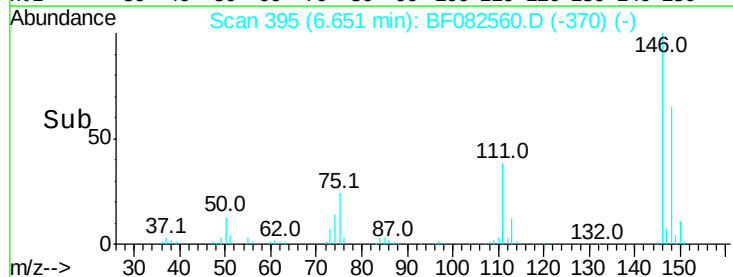
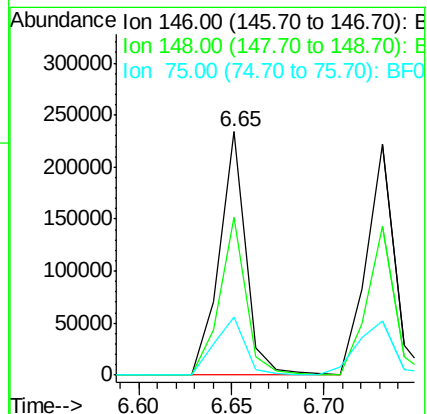
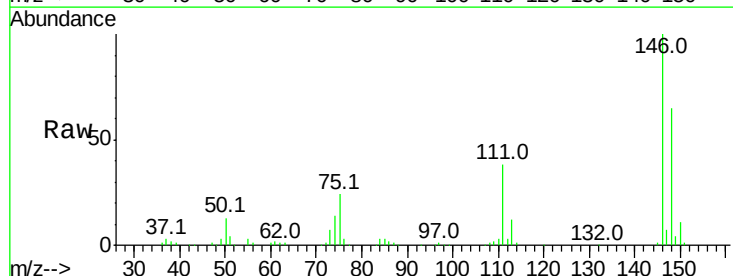
Tgt Ion: 146 Resp: 234491

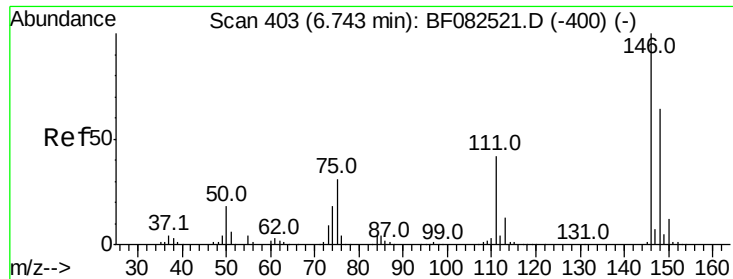
Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

75 23.9 24.3 36.5#

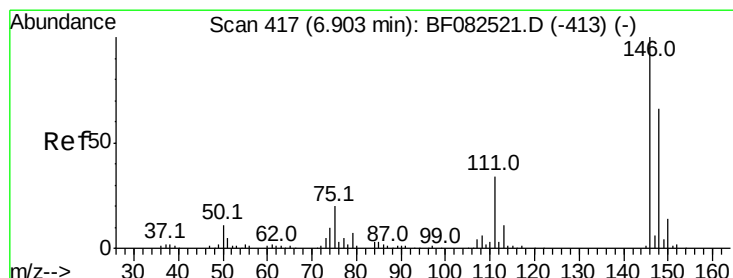
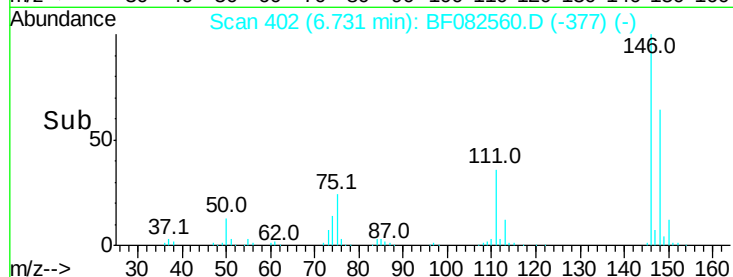
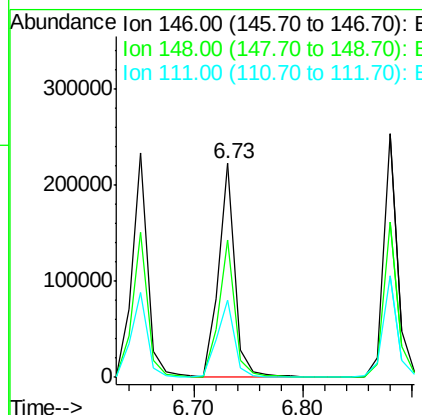
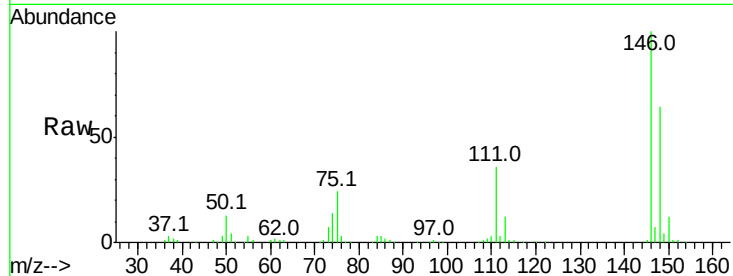




#13
 1,4-Dichlorobenzene
 Concen: 39.76 ng
 RT: 6.73 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

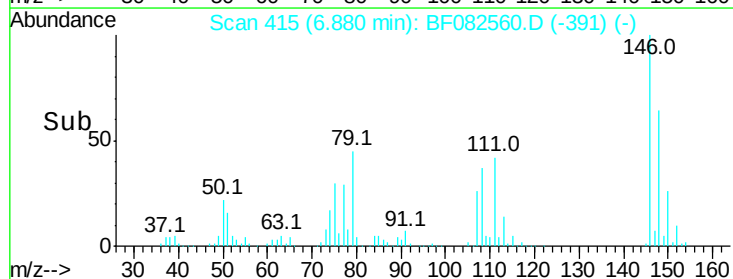
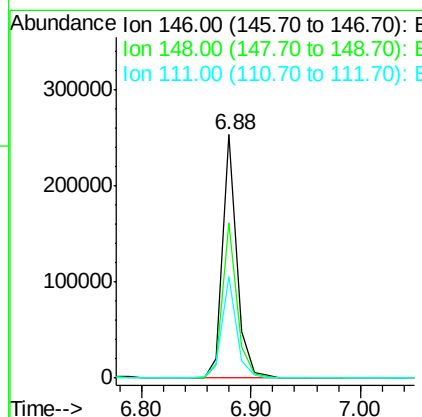
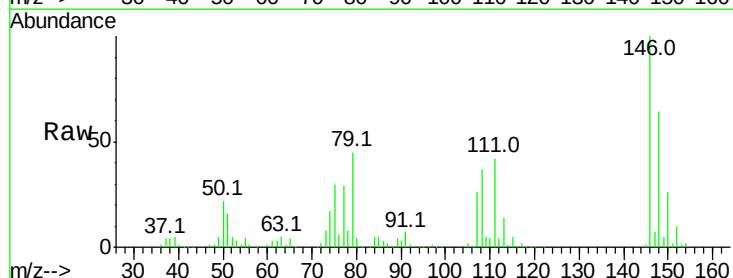
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

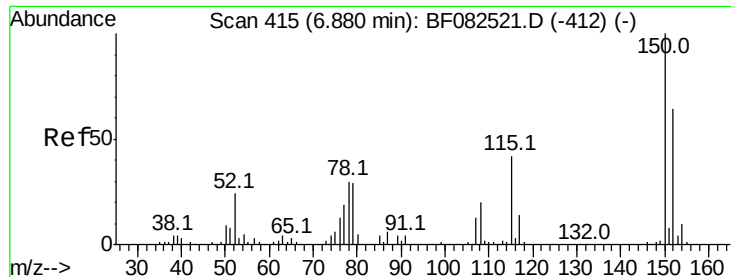
Tot Ion:146 Resp: 238142
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.0
 111 35.9 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 41.17 ng m
 RT: 6.88 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion:146 Resp: 228857
 Ion Ratio Lower Upper
 146 100
 148 63.8 53.0 79.4
 111 41.9 27.5 41.3#

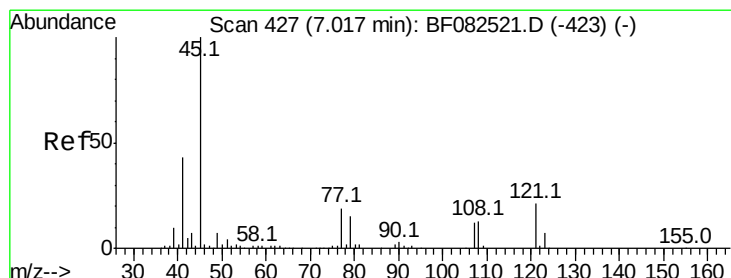
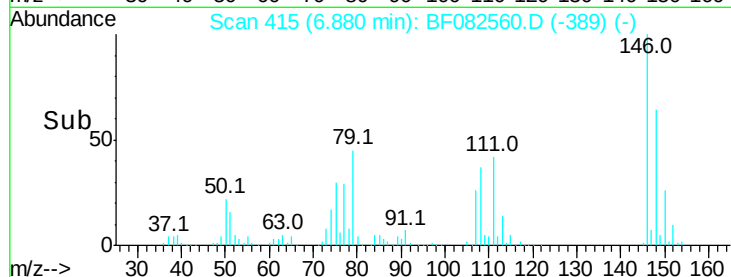
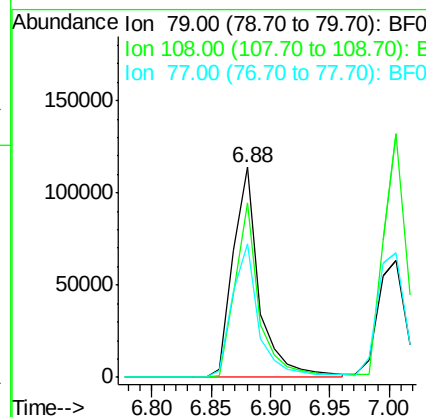
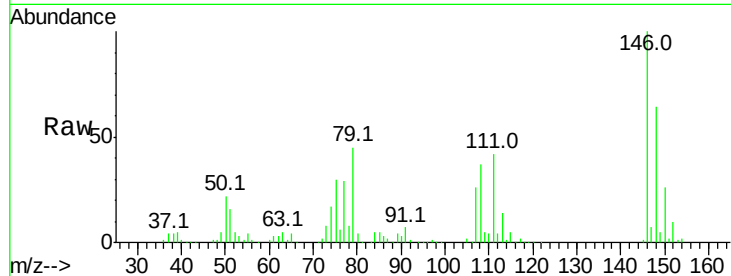




#15
Benzyl Alcohol
Concen: 46.54 ng
RT: 6.88 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

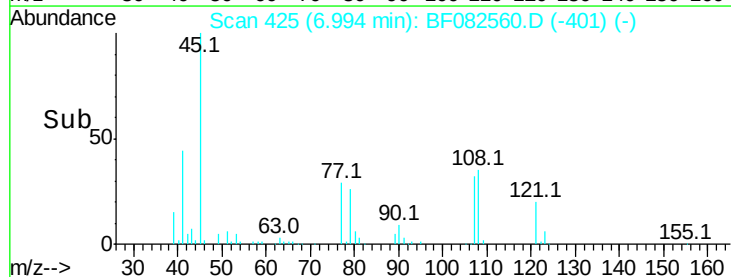
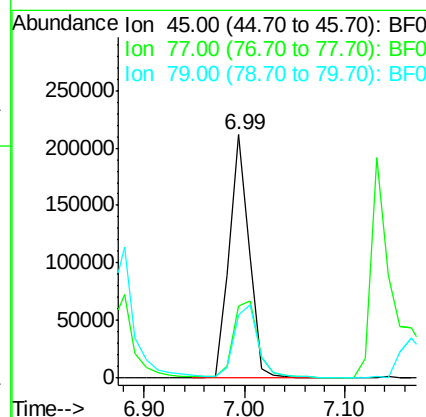
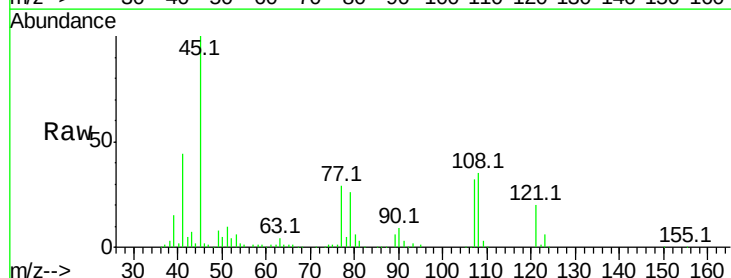
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

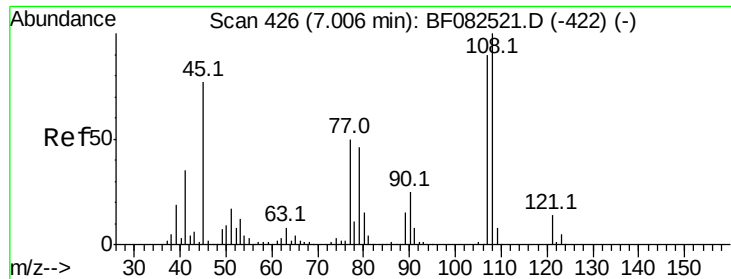
Tot Ion: 79 Resp: 175700
Ion Ratio Lower Upper
79 100
108 83.2 55.0 82.6#
77 63.9 52.5 78.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.95 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Tgt Ion: 45 Resp: 290725
Ion Ratio Lower Upper
45 100
77 29.5 0.0 39.3
79 26.0 0.0 35.7





#17

2-Methylphenol

Concen: 41.70 ng

RT: 7.01 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampled :

SB-1MSD

Tot Ion:107 Resp: 163229

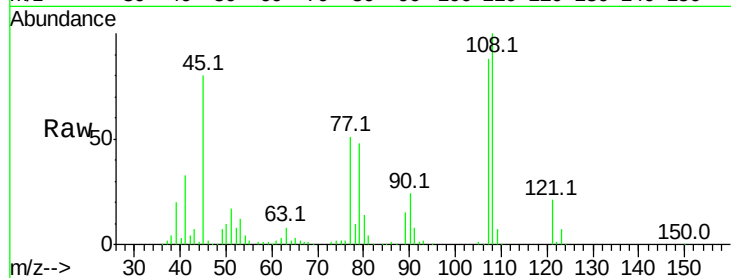
Ion Ratio Lower Upper

107 100

108 113.9 89.4 134.2

77 58.0 44.8 67.2

79 54.8 42.1 63.1

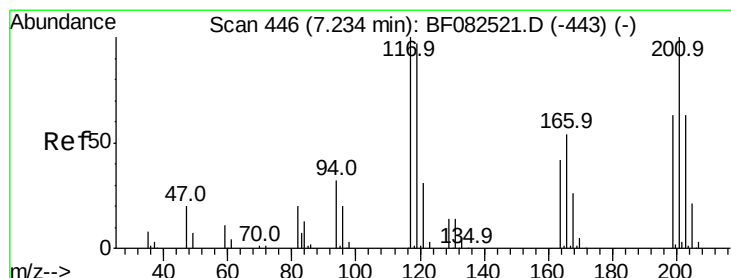
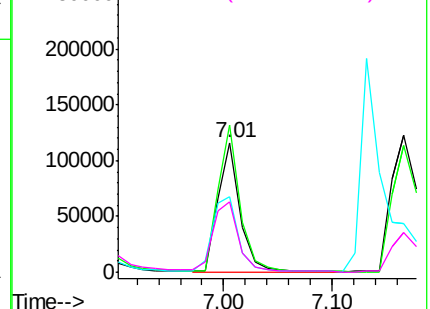
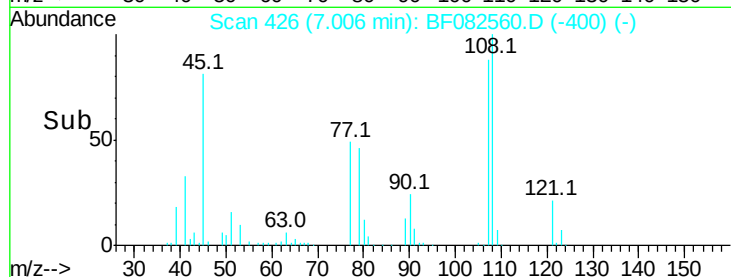


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.58 ng

RT: 7.21 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

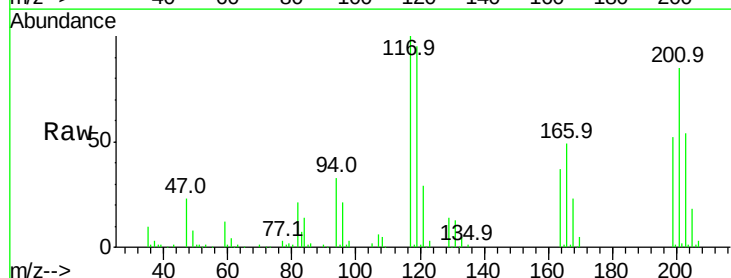
Tgt Ion:117 Resp: 80694

Ion Ratio Lower Upper

117 100

119 94.7 77.5 116.3

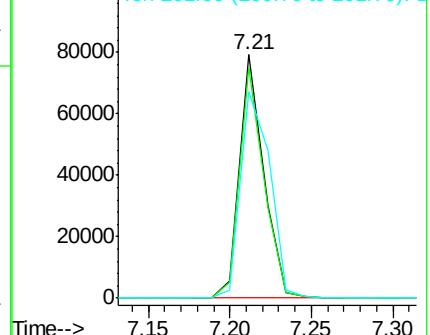
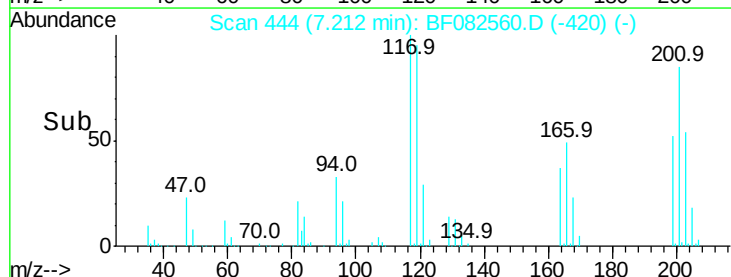
201 84.6 80.1 120.1

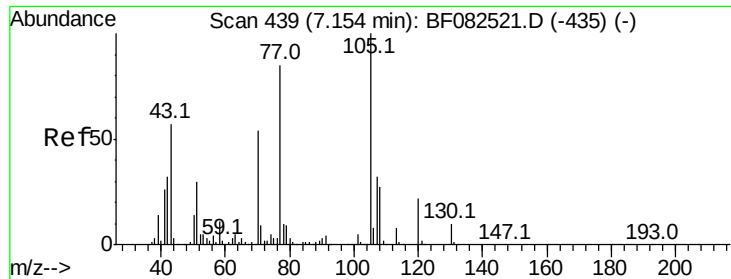


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

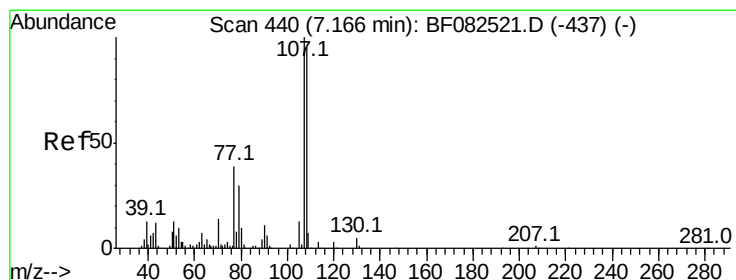
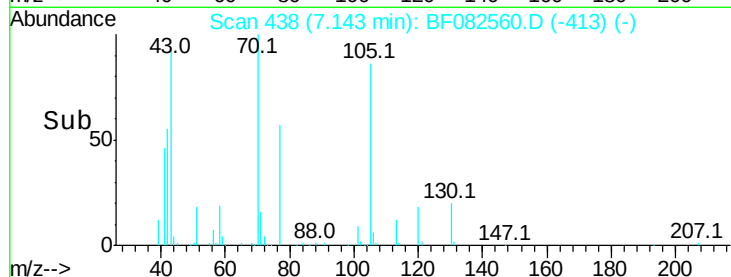
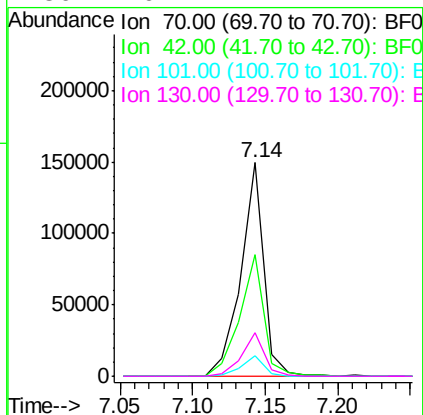
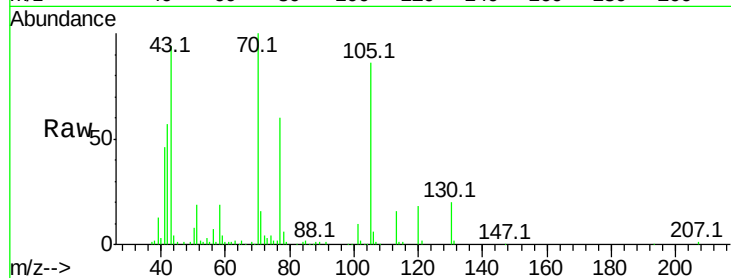




#19
n-Nitroso-di-n-propylamine
Concen: 46.55 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

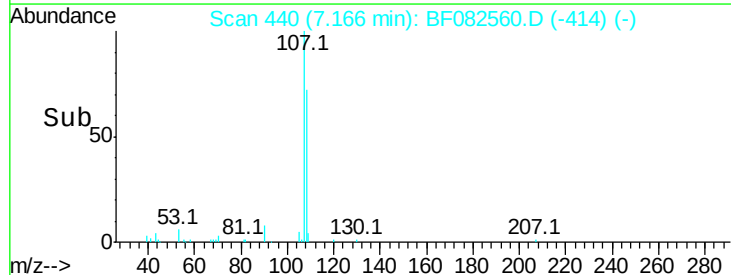
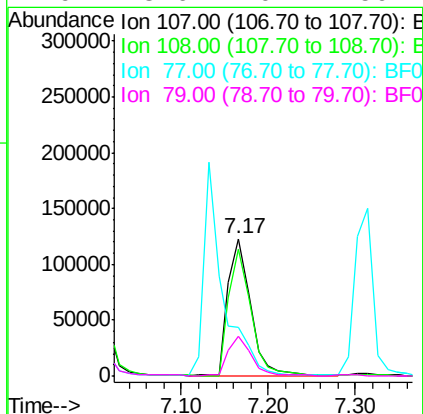
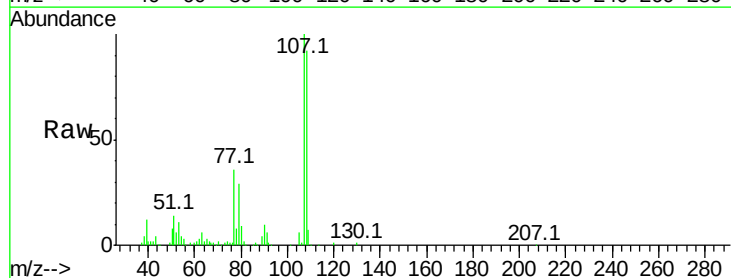
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

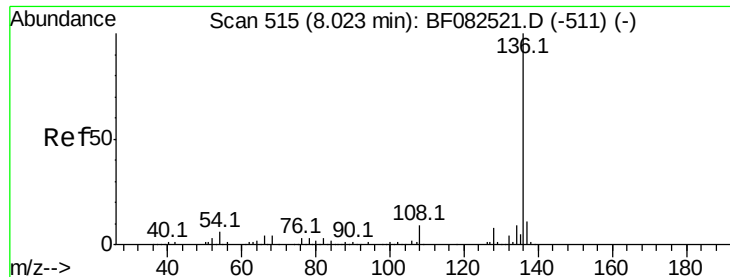
Tot Ion: 70 Resp: 164478
Ion Ratio Lower Upper
70 100
42 56.8 46.9 70.3
101 9.5 7.4 11.2
130 20.2 14.2 21.4



#20
3+4-Methylphenols
Concen: 44.31 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Tgt Ion:107 Resp: 221577
Ion Ratio Lower Upper
107 100
108 91.9 74.8 114.8
77 35.9 20.3 60.3
79 28.6 10.2 50.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

Tot Ion:136 Resp: 313954

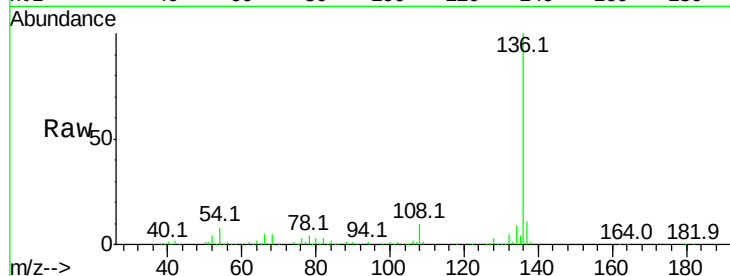
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.9 4.6 7.0#

68 5.1 3.2 4.8#

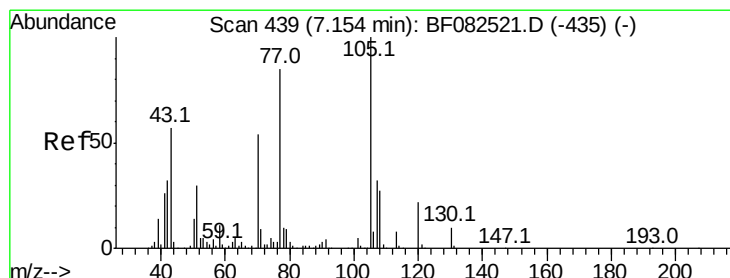
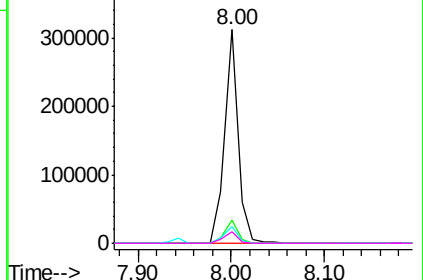
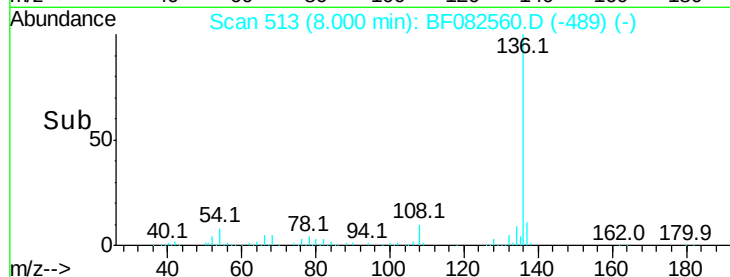


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.74 ng

RT: 7.13 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Tgt Ion:105 Resp: 297921

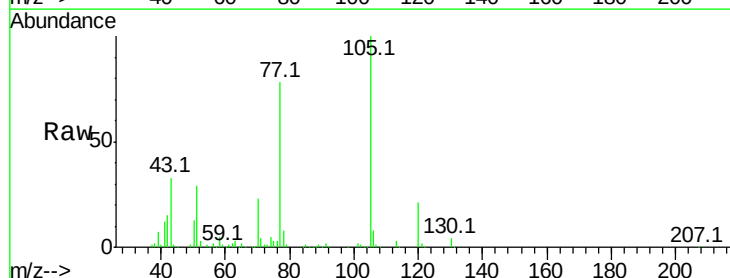
Ion Ratio Lower Upper

105 100

71 4.0 7.1 10.7#

51 28.7 24.4 36.6

120 20.5 17.3 25.9

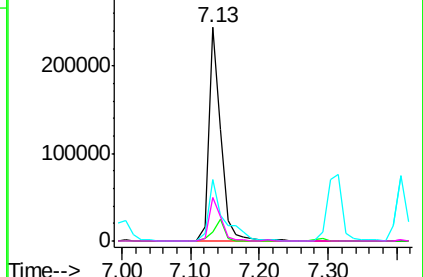
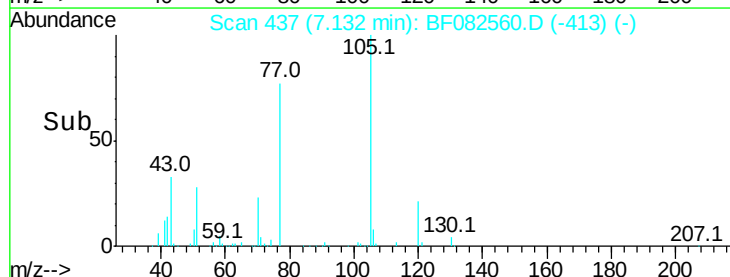


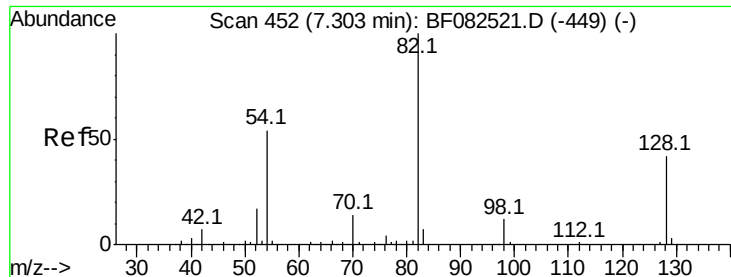
Abundance Ion 105.00 (104.70 to 105.70): E

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

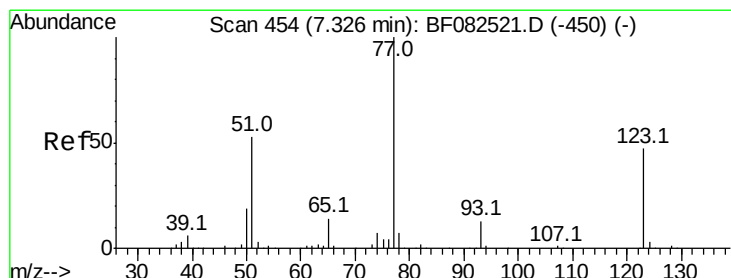
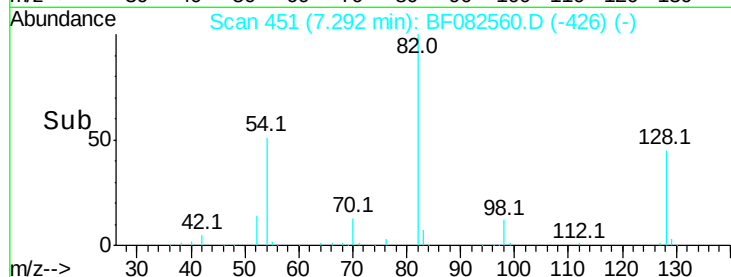
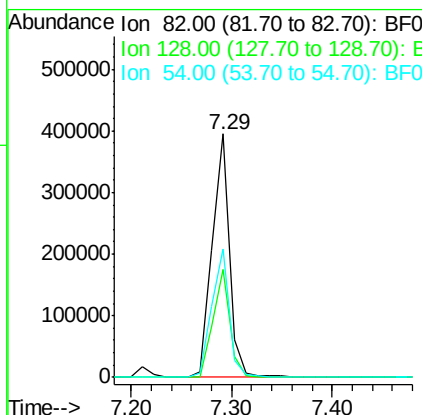
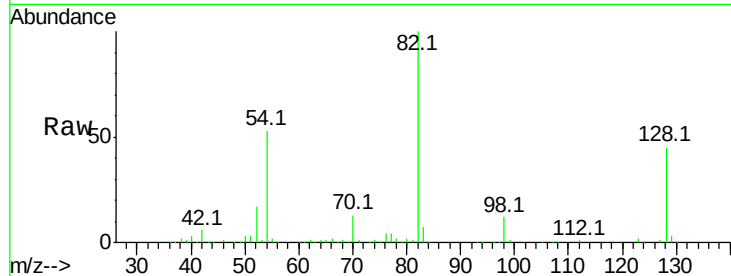




#23
Nitrobenzene-d5
Concen: 97.36 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

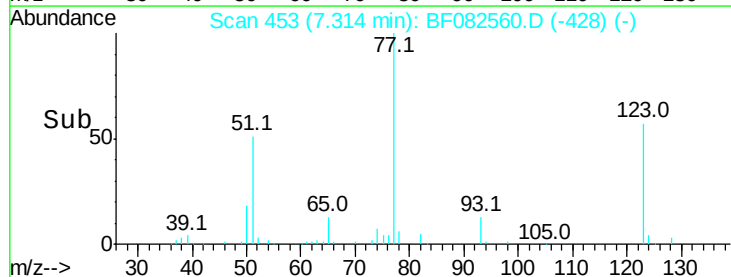
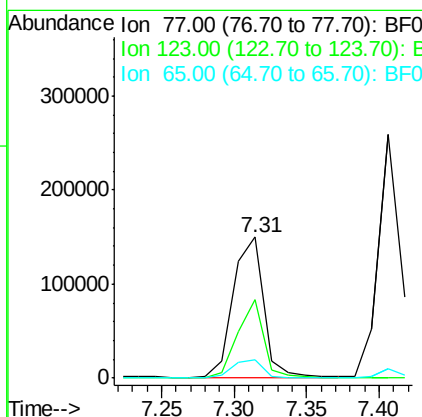
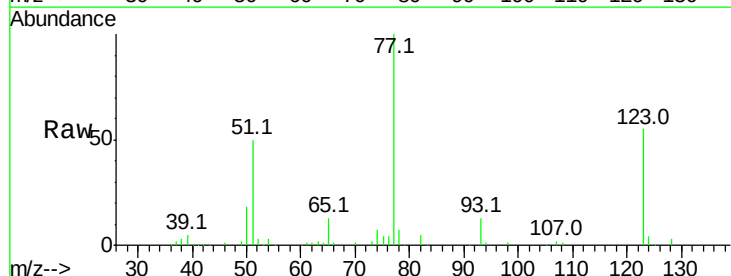
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

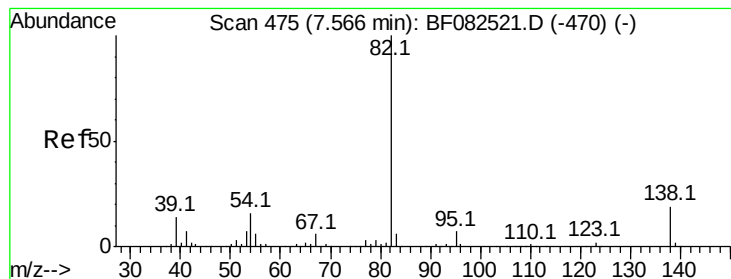
Tot Ion: 82 Resp: 473815
Ion Ratio Lower Upper
82 100
128 44.6 33.4 50.0
54 52.6 43.5 65.3



#24
Nitrobenzene
Concen: 39.91 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Tgt Ion: 77 Resp: 216855
Ion Ratio Lower Upper
77 100
123 55.3 37.4 56.0
65 13.2 11.0 16.4





#25

Isophorone

Concen: 41.53 ng

RT: 7.55 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

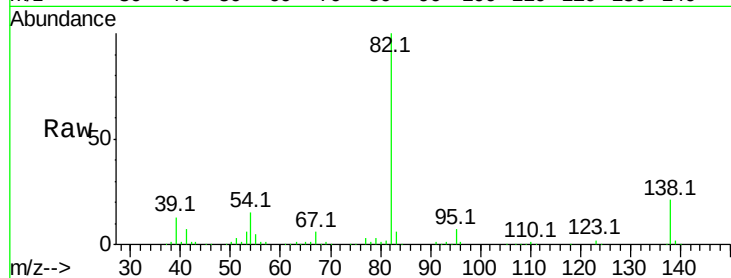
Tot Ion: 82 Resp: 401521

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

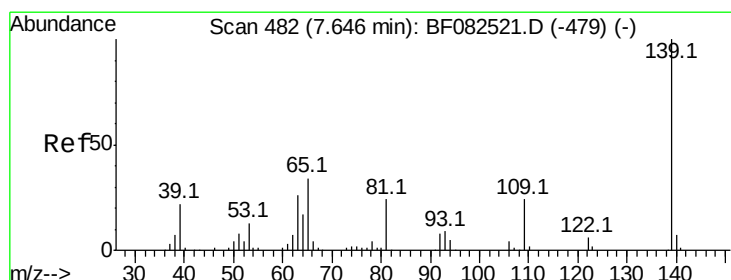
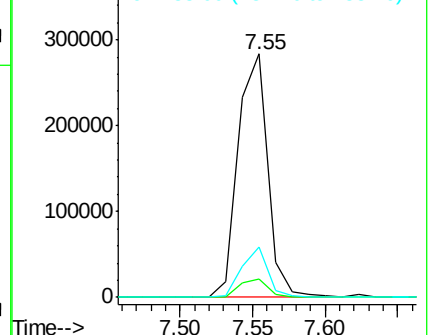
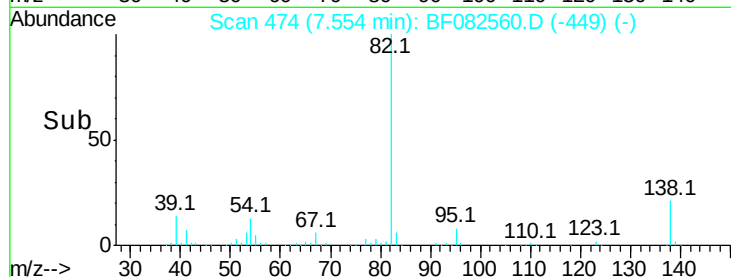
138 20.9 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.27 ng

RT: 7.62 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

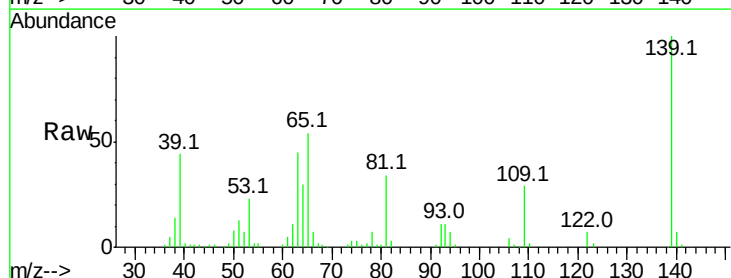
Tgt Ion: 139 Resp: 116220

Ion Ratio Lower Upper

139 100

109 28.7 19.3 28.9

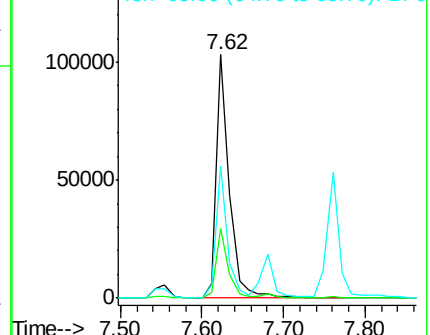
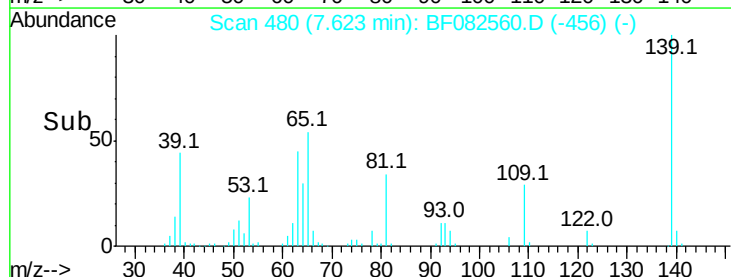
65 54.3 27.1 40.7#

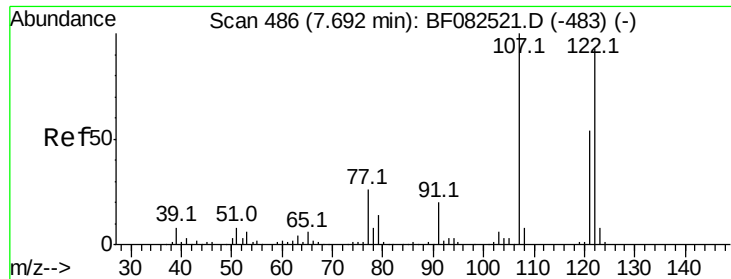


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

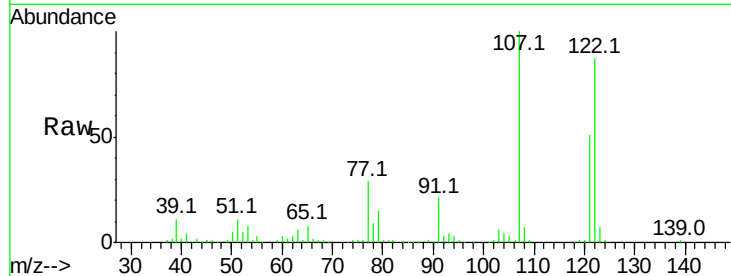




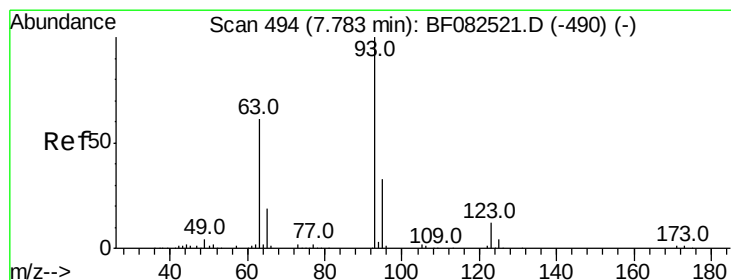
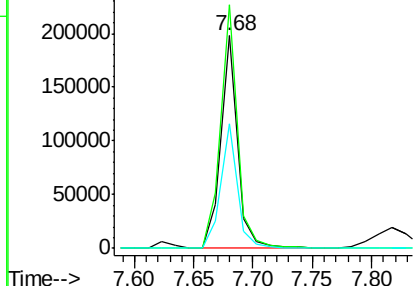
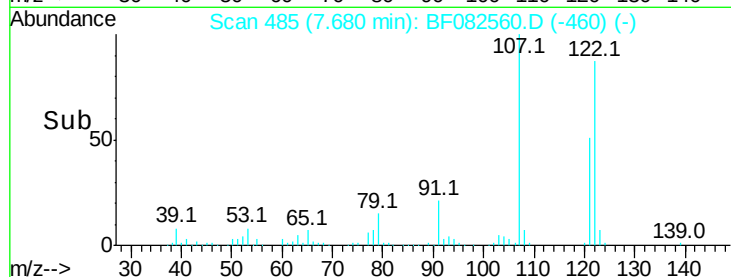
#27
 2,4-Dimethylphenol
 Concen: 44.60 ng
 RT: 7.68 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tot Ion:122 Resp: 190293
 Ion Ratio Lower Upper
 122 100
 107 114.6 85.8 128.8
 121 58.5 46.2 69.2

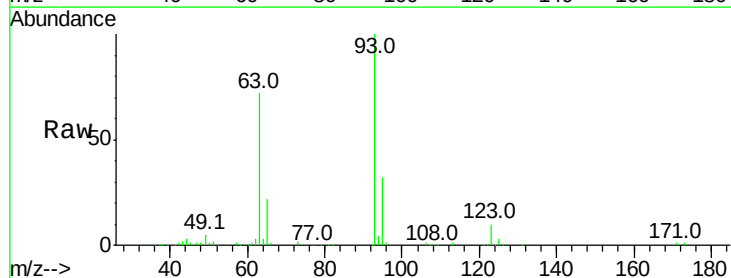


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

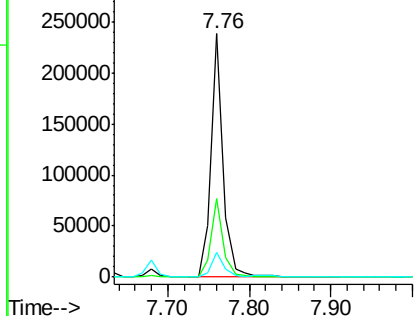
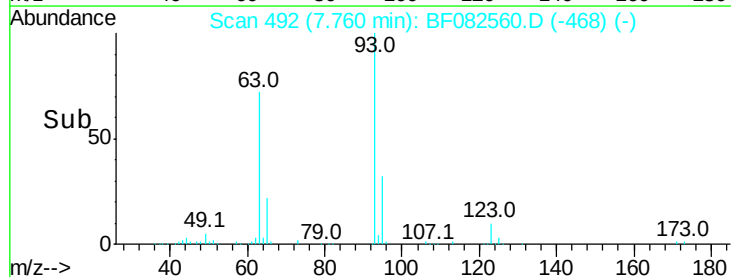


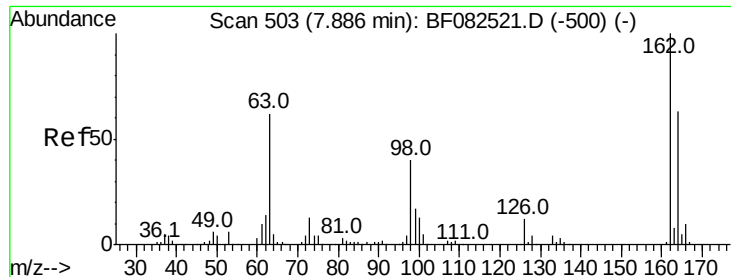
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.63 ng
 RT: 7.76 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion: 93 Resp: 253039
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.2 39.2
 123 10.2 9.3 13.9



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

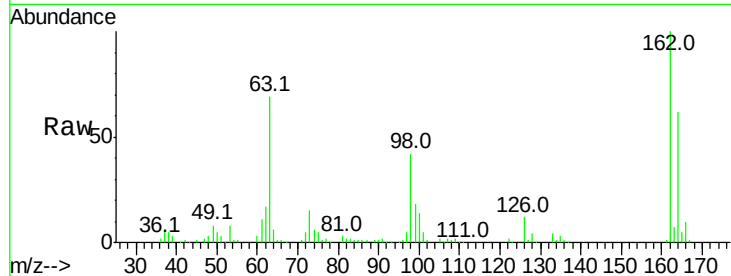




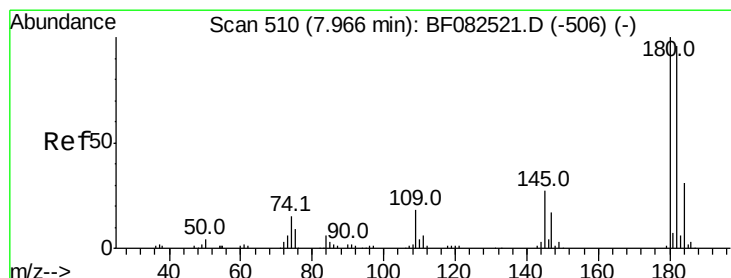
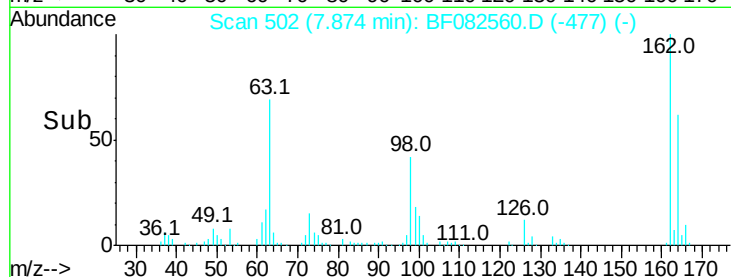
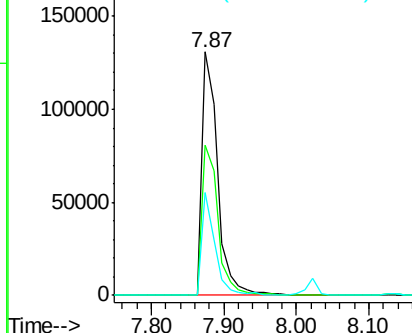
#29
 2,4-Dichlorophenol
 Concen: 46.22 ng
 RT: 7.87 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	43.1	83.1
98	42.2	19.6	59.6

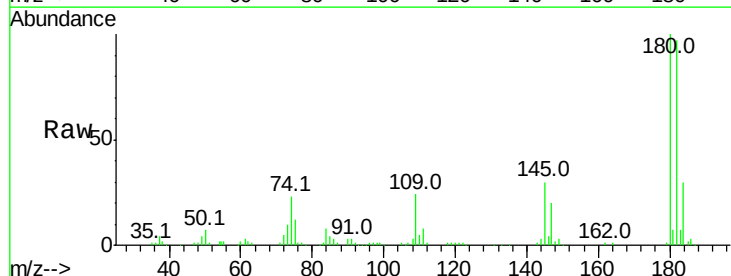


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

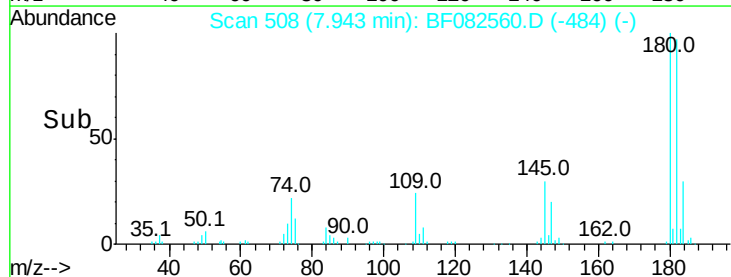
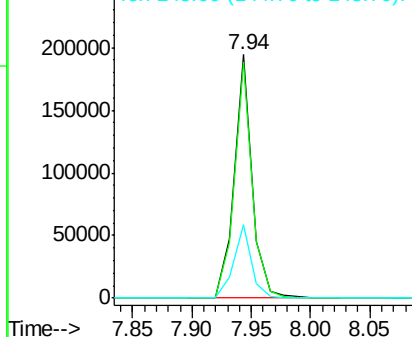


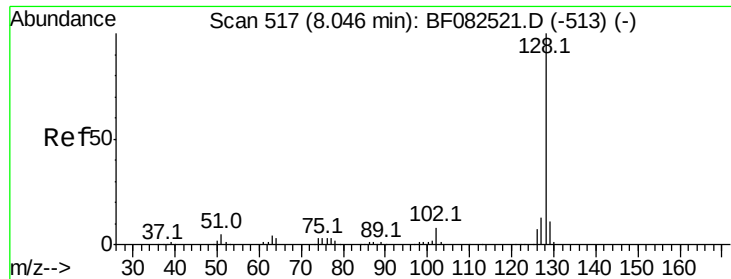
#30
 1,2,4-Trichlorobenzene
 Concen: 42.28 ng
 RT: 7.94 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.6	115.0
145	30.4	21.3	31.9



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

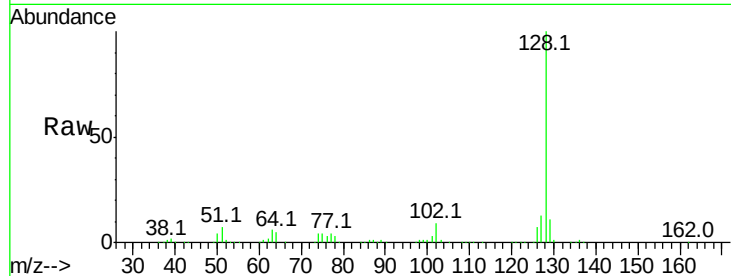




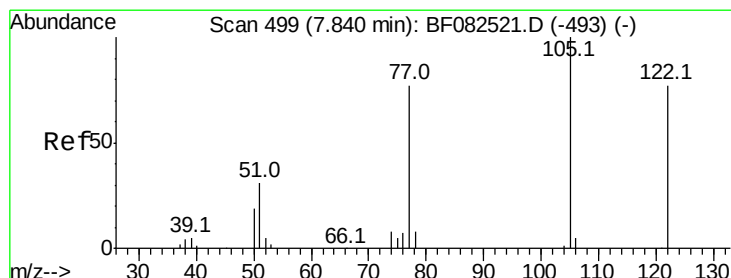
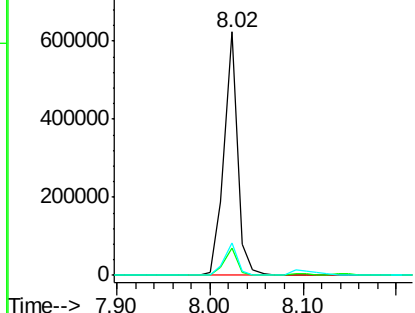
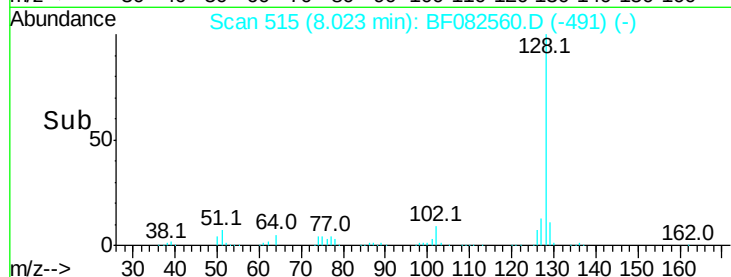
#31
Naphthalene
Concen: 44.29 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tot Ion:128 Resp: 635441
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.3 10.7 16.1

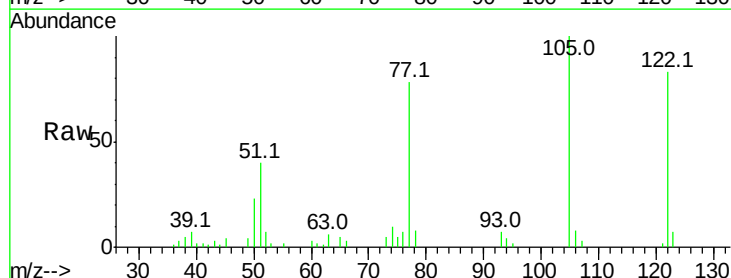


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

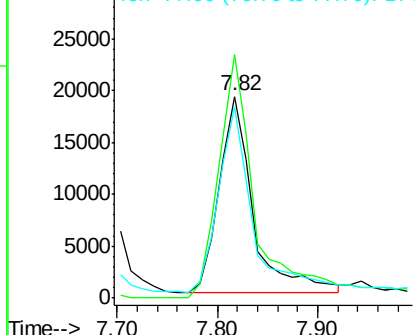
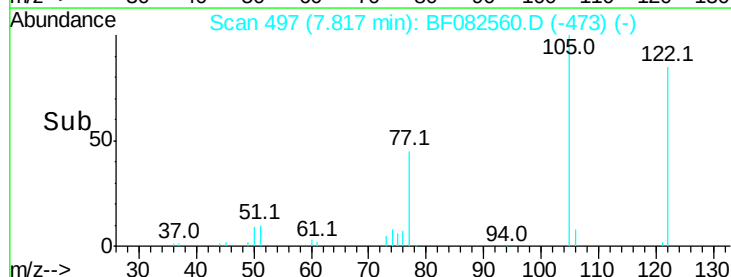


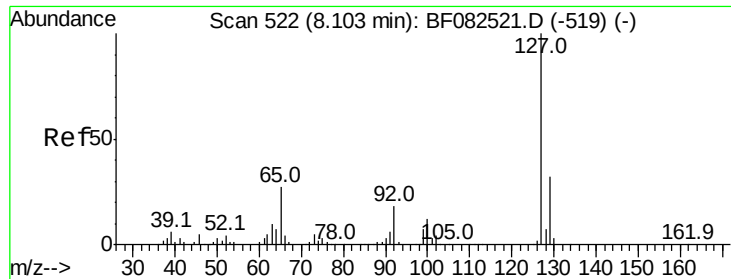
#32
Benzoic acid
Concen: 18.80 ng
RT: 7.82 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Tgt Ion:122 Resp: 44926
Ion Ratio Lower Upper
122 100
105 120.7 106.4 146.4
77 94.7 79.1 119.1



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

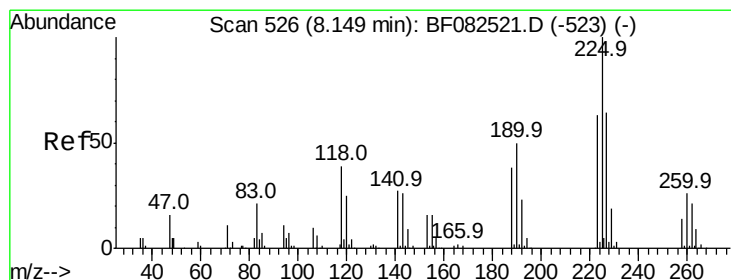
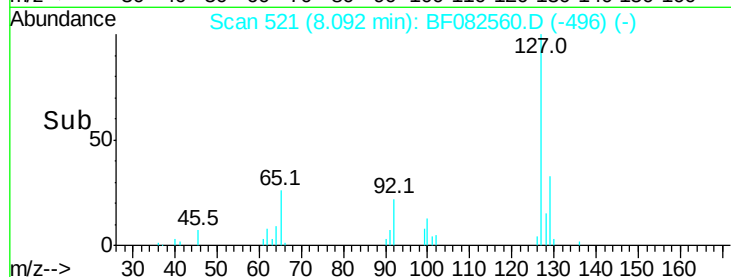
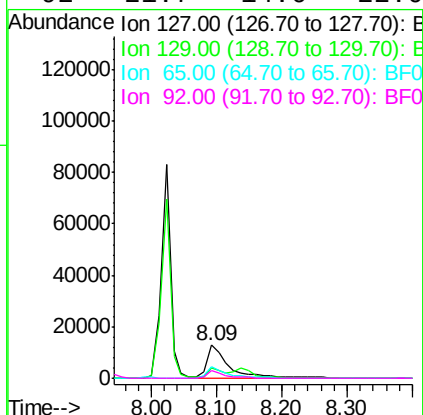
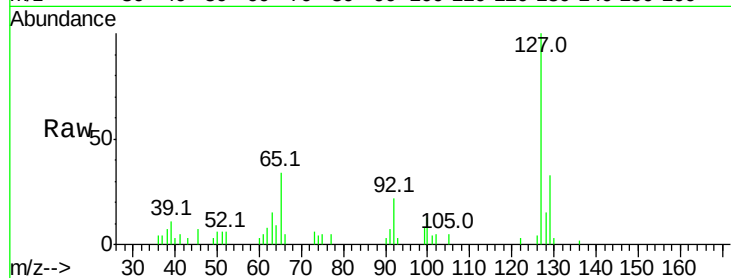




#33
4-Chloroaniline
Concen: 5.56 ng
RT: 8.09 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

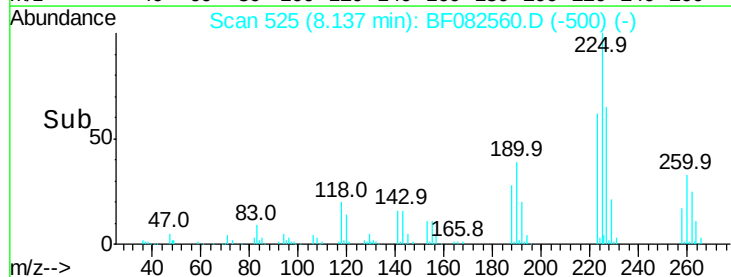
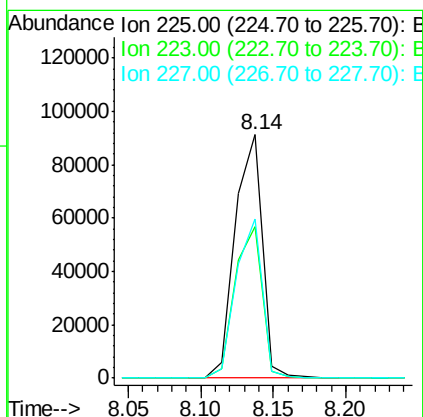
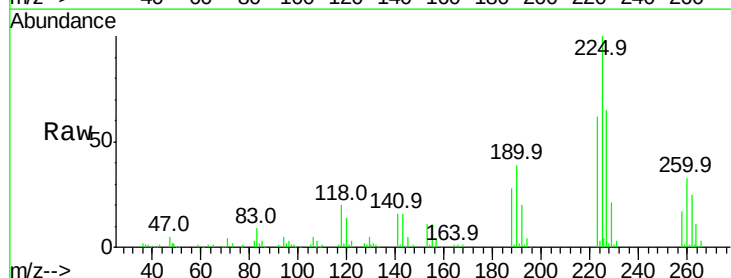
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

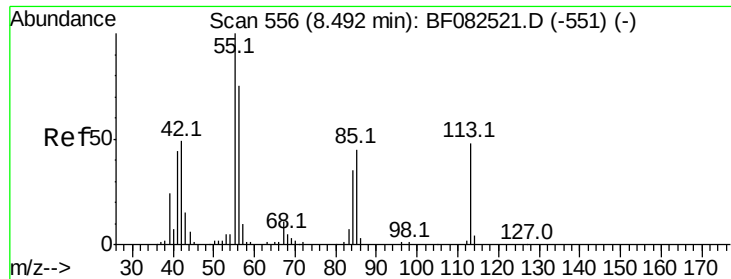
Tot Ion:	127	Resp:	30903
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.8
65	33.7	21.8	32.6#
92	21.7	14.6	22.0



#34
Hexachlorobutadiene
Concen: 42.49 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Tgt Ion:	225	Resp:	118273
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.2	75.4
227	65.5	51.4	77.0





#35

Caprolactam

Concen: 38.47 ng/ml

RT: 8.48 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampled :

SB-1MSD

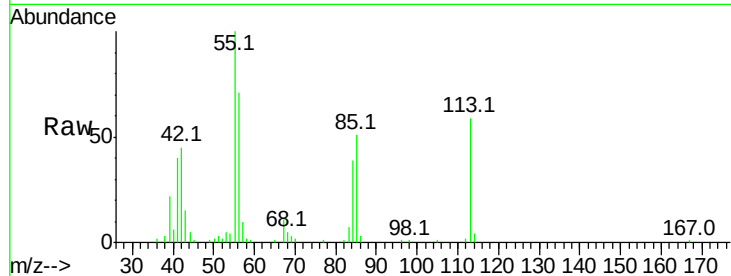
Tot Ion:113 Resp: 45505

Ion Ratio Lower Upper

113 100

55 169.5 188.9 228.9#

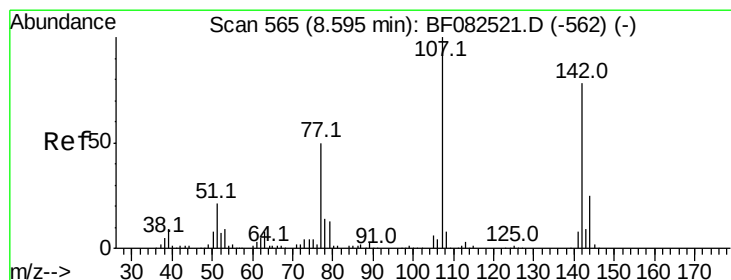
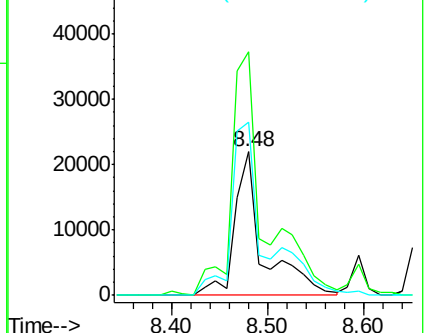
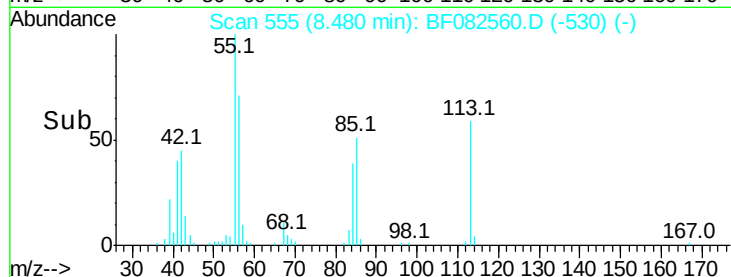
56 120.8 135.8 175.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.96 ng/ml

RT: 8.59 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

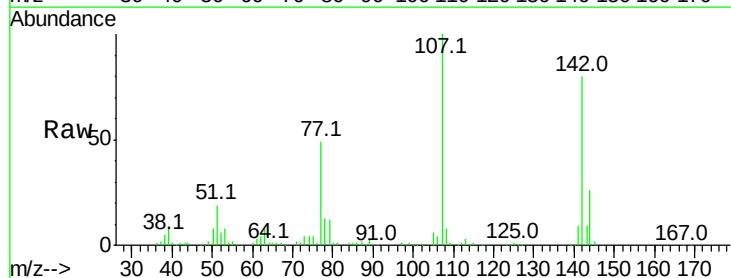
Tgt Ion:107 Resp: 194342

Ion Ratio Lower Upper

107 100

144 26.0 20.2 30.2

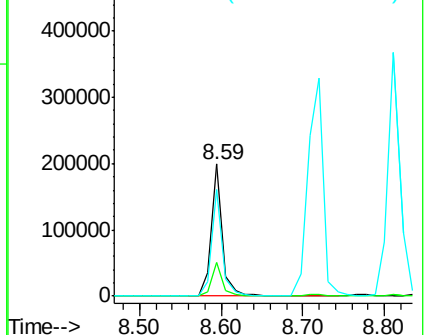
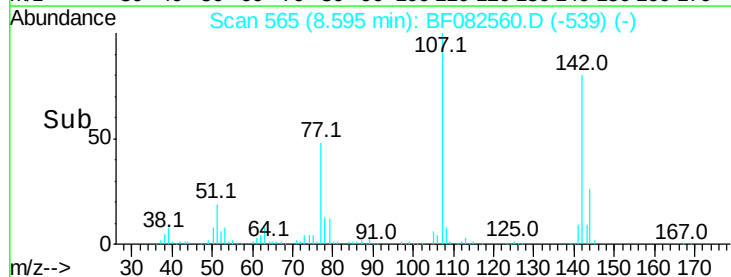
142 80.5 62.6 93.8

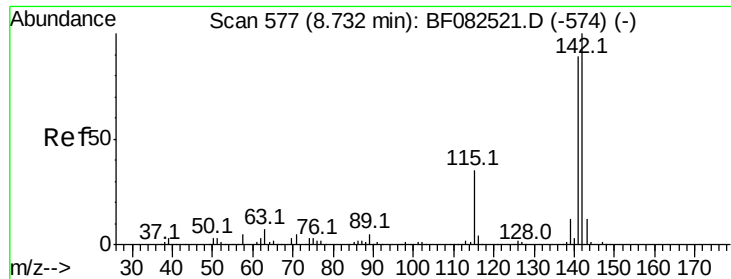


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

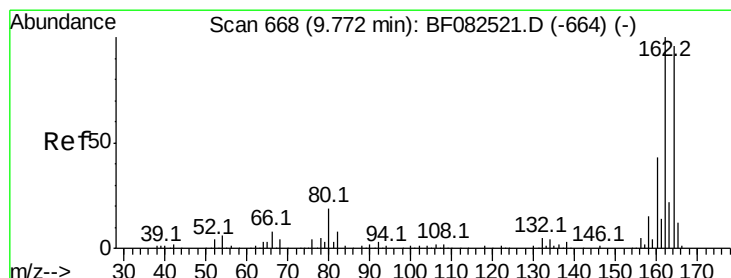
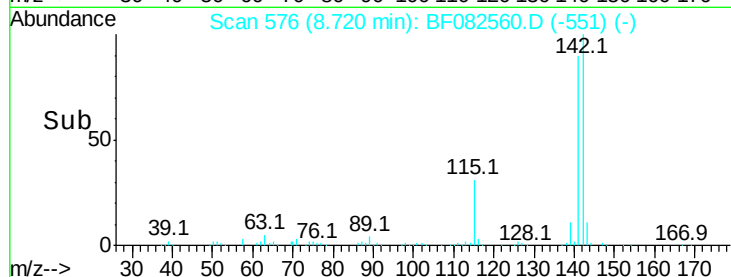
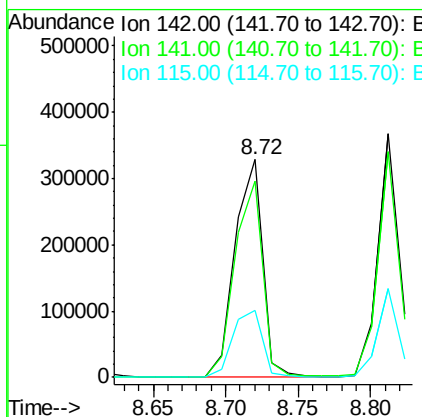
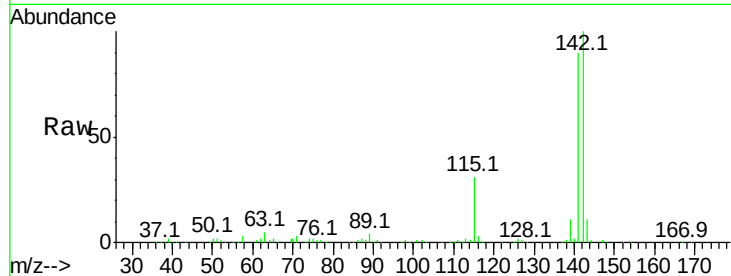




#37
 2-Methylnaphthalene
 Concen: 45.03 ng
 RT: 8.72 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

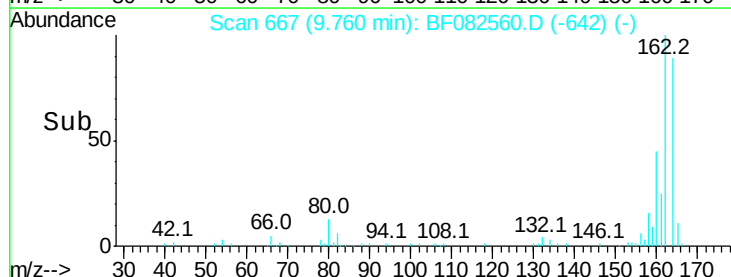
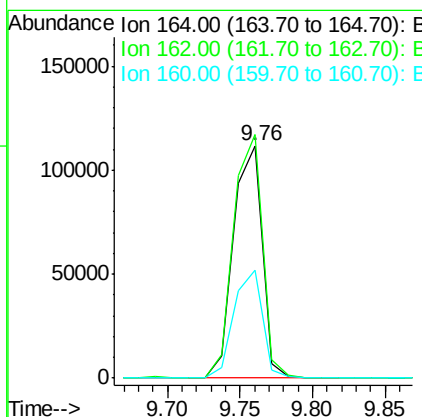
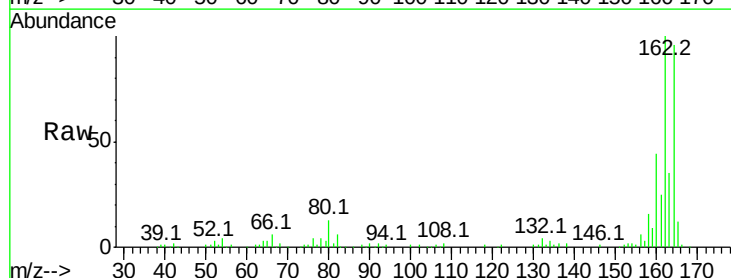
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

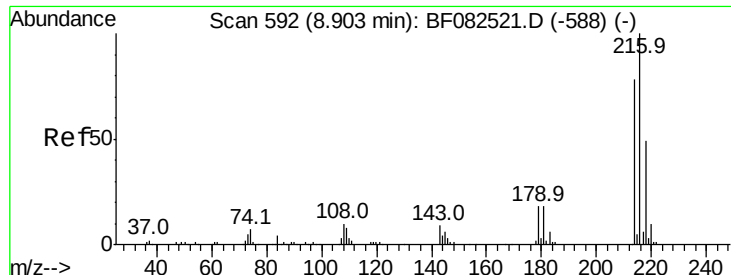
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	30.6	28.0	42.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.6	125.4
160	46.4	36.0	54.0

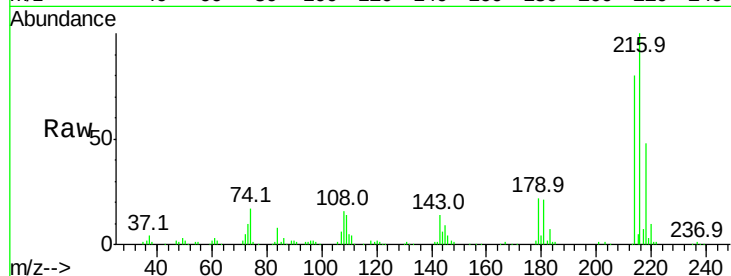




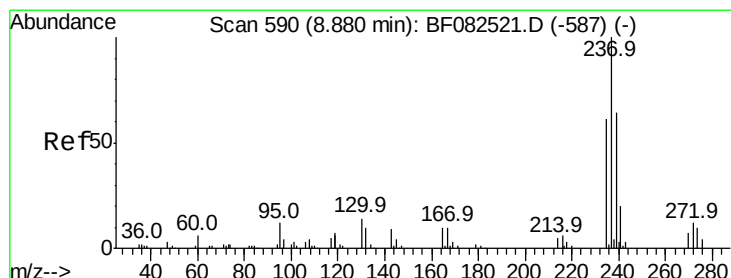
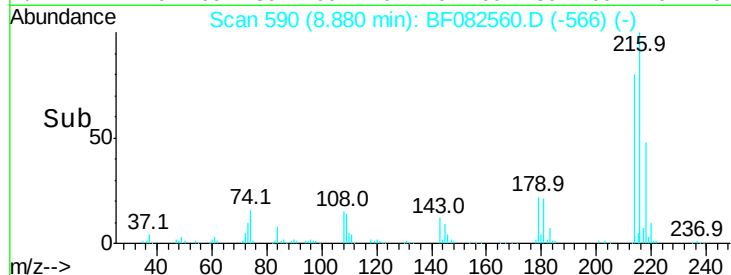
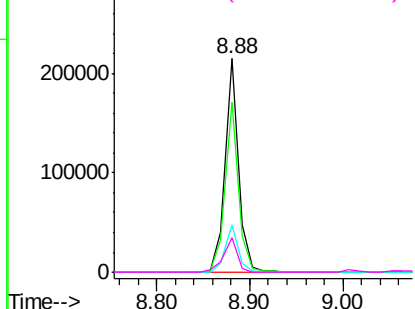
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.11 ng
 RT: 8.88 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tot Ion:	216	Resp:	214536
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.1	94.7
179	21.8	16.5	24.7
108	17.5	13.0	19.4

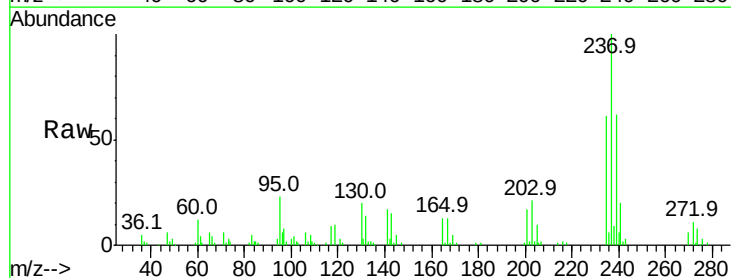


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

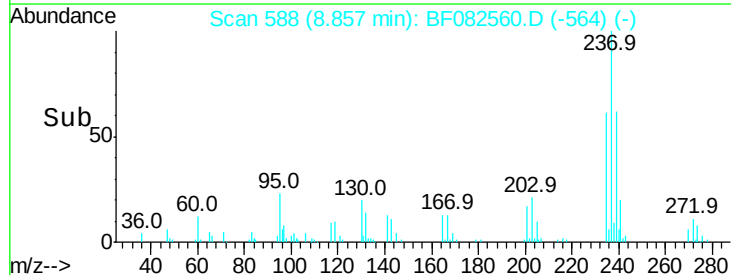
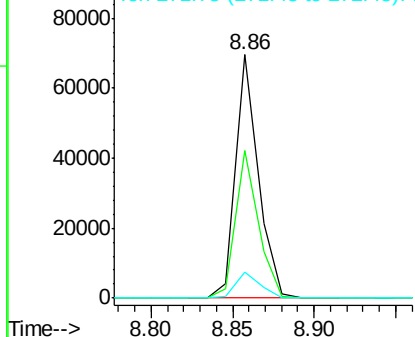


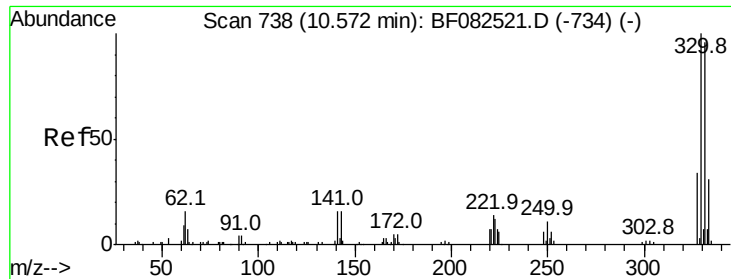
#40
 Hexachlorocyclopentadiene
 Concen: 57.50 ng
 RT: 8.86 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion:	237	Resp:	66305
Ion	Ratio	Lower	Upper
237	100		
235	60.9	41.4	81.4
272	10.6	0.0	31.7



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

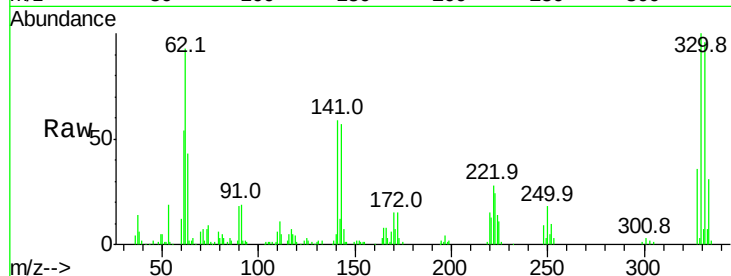




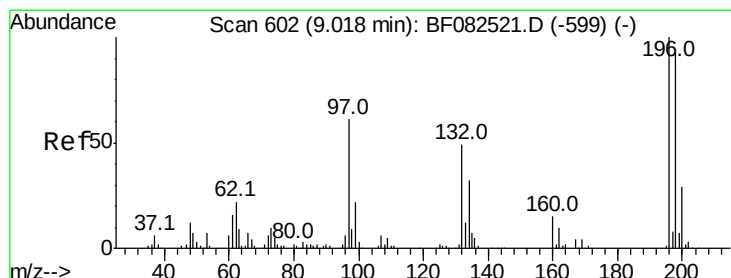
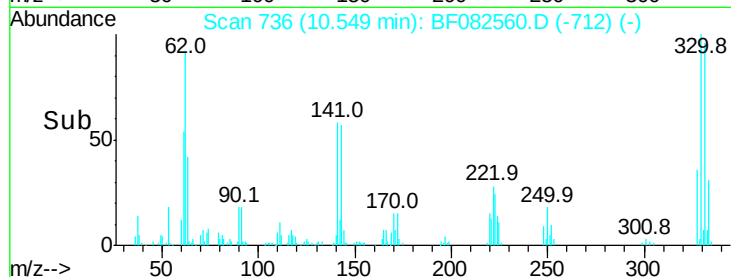
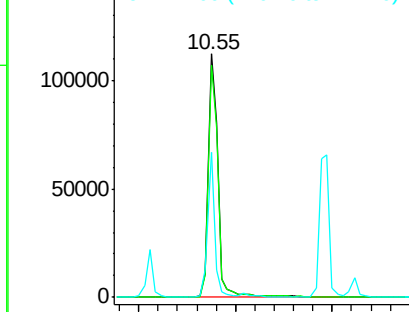
#41
 2,4,6-Tribromophenol
 Concen: 137.32 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	42.4	32.5	48.7

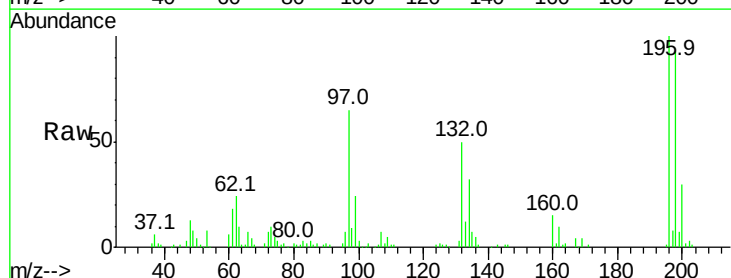


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

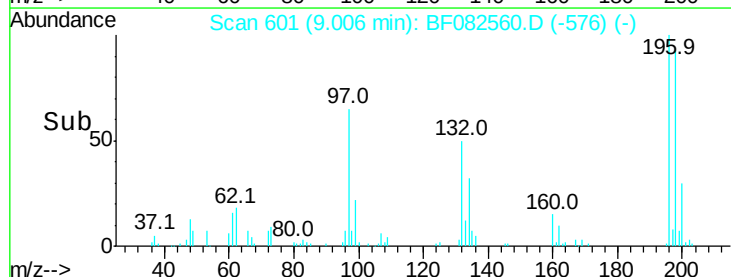
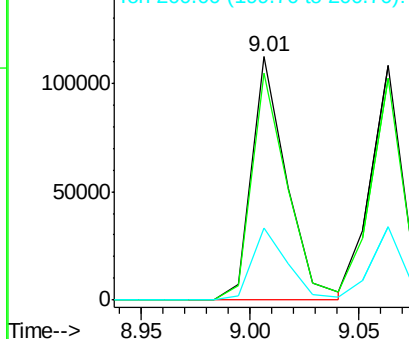


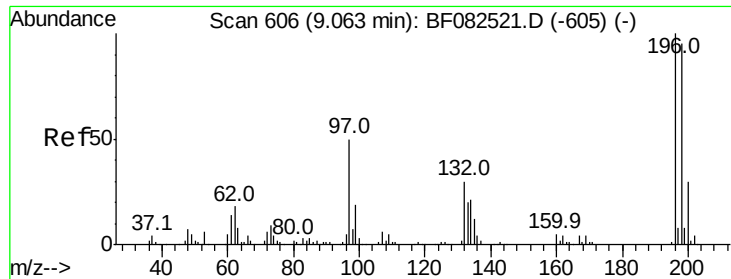
#42
 2,4,6-Trichlorophenol
 Concen: 43.11 ng
 RT: 9.01 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.1	111.1
200	29.6	23.4	35.0



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

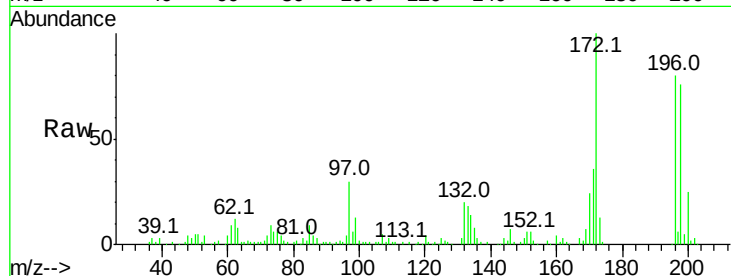




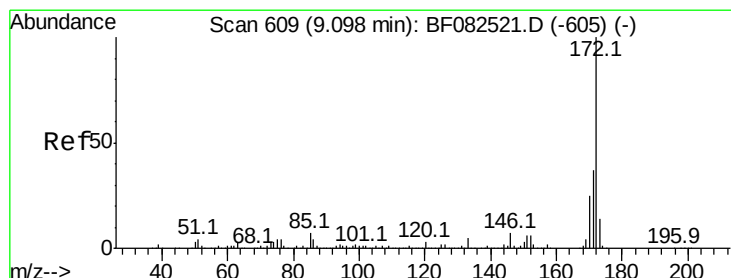
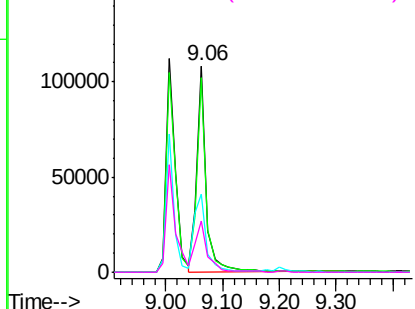
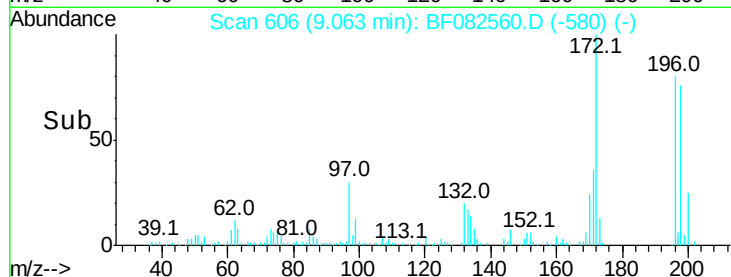
#43
 2,4,5-Trichlorophenol
 Concen: 41.39 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.4	113.2
97	37.8	40.8	61.2#
132	24.8	24.6	37.0

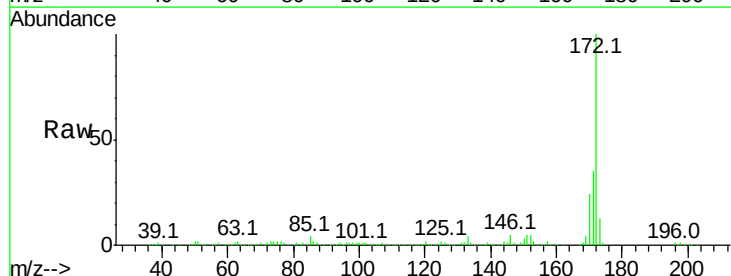


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

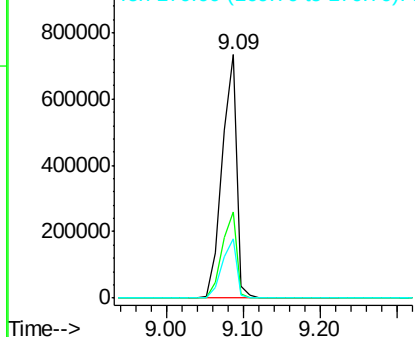
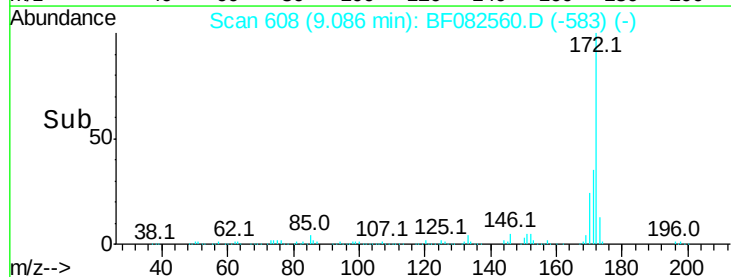


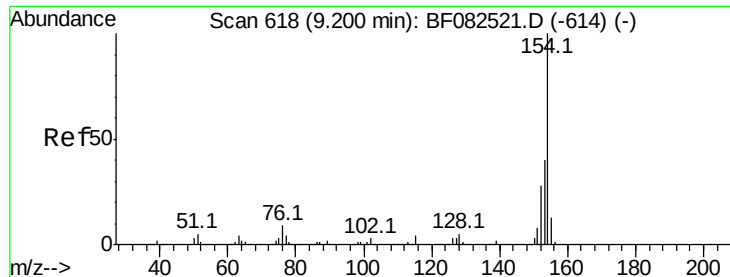
#44
 2-Fluorobiphenyl
 Concen: 101.62 ng
 RT: 9.09 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.3	43.9
170	24.2	19.8	29.6



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: 44.37 ng

RT: 9.18 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

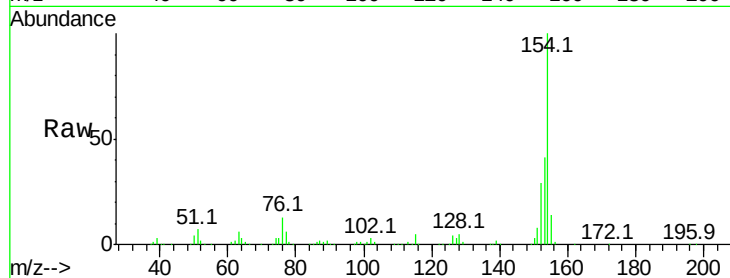
Tot Ion:154 Resp: 509018

Ion Ratio Lower Upper

154 100

153 41.0 20.4 60.4

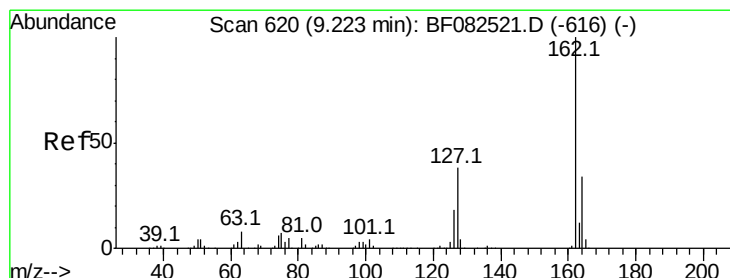
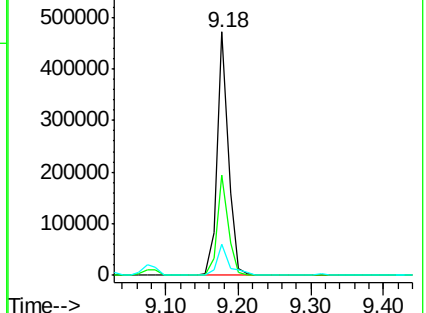
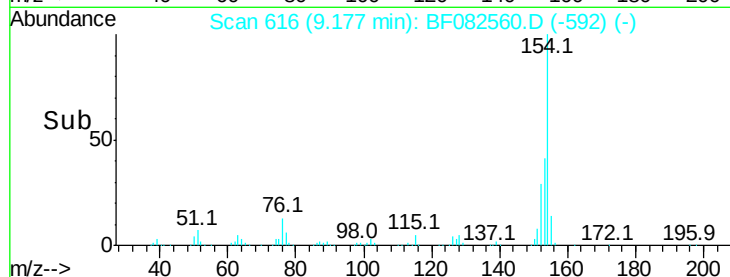
76 12.8 0.0 29.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.77 ng

RT: 9.20 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

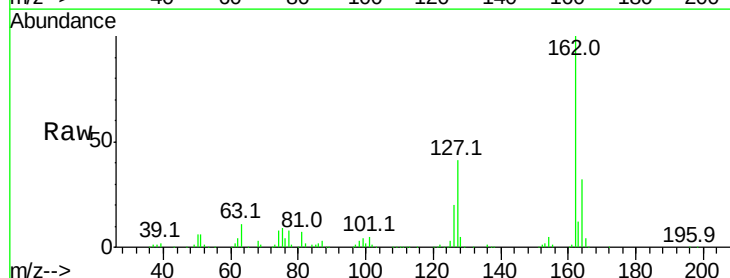
Tgt Ion:162 Resp: 404865

Ion Ratio Lower Upper

162 100

127 41.1 30.6 46.0

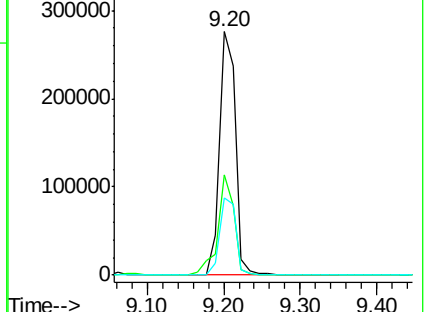
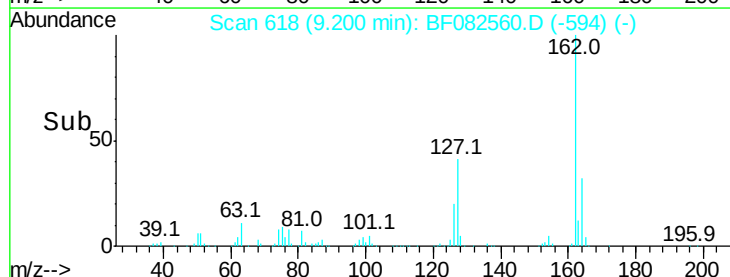
164 31.5 26.8 40.2

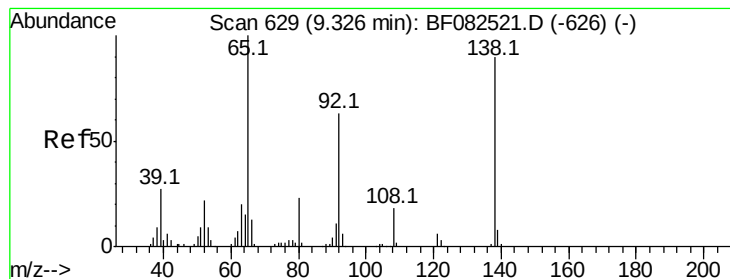


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.17 ng

RT: 9.31 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

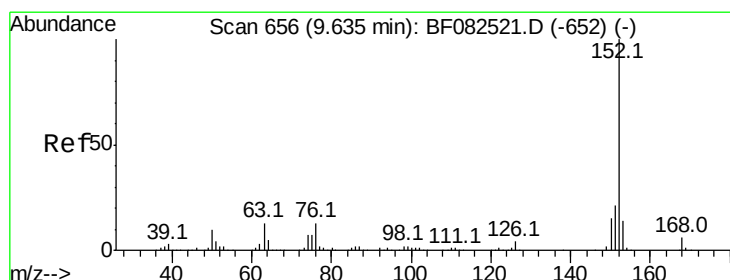
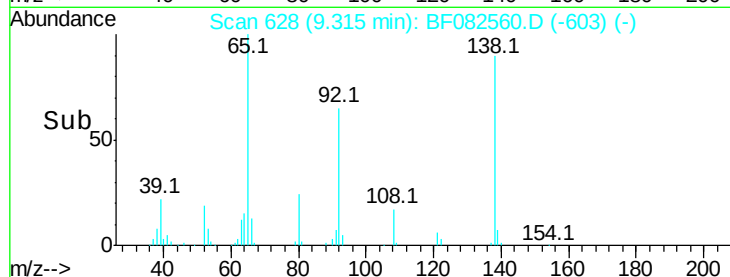
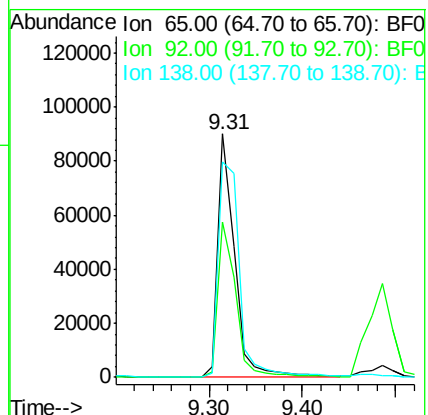
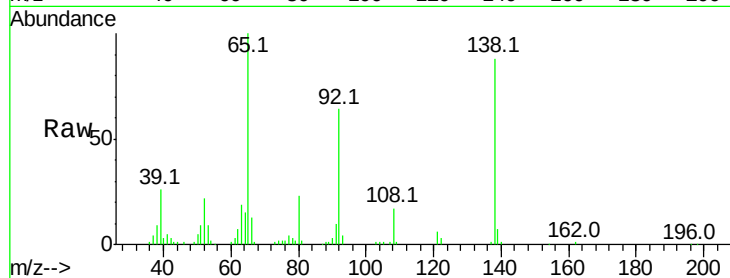
Tot Ion: 65 Resp: 113370

Ion Ratio Lower Upper

65 100

92 63.8 50.6 76.0

138 88.5 71.8 107.6



#48

Acenaphthylene

Concen: 44.77 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

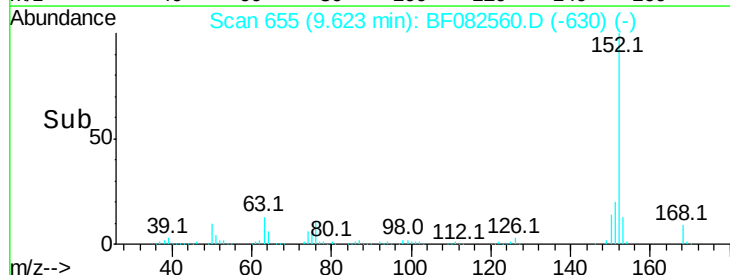
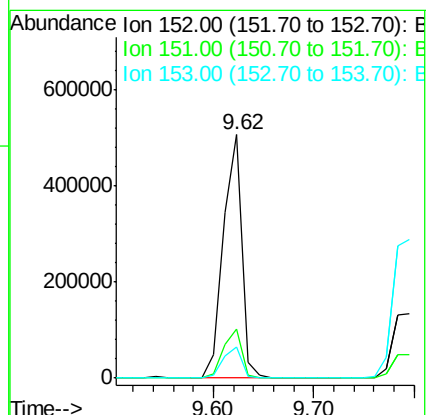
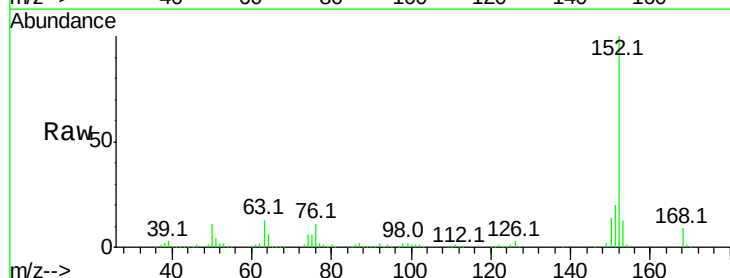
Tgt Ion: 152 Resp: 648415

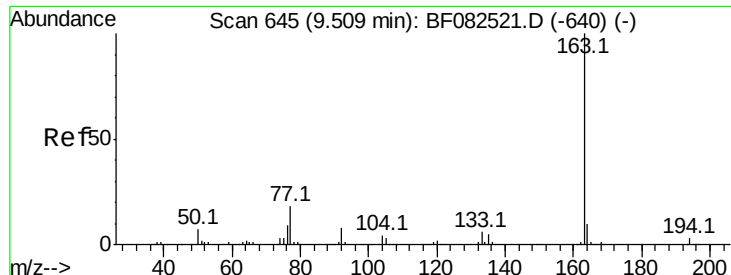
Ion Ratio Lower Upper

152 100

151 19.9 16.6 25.0

153 12.8 10.9 16.3

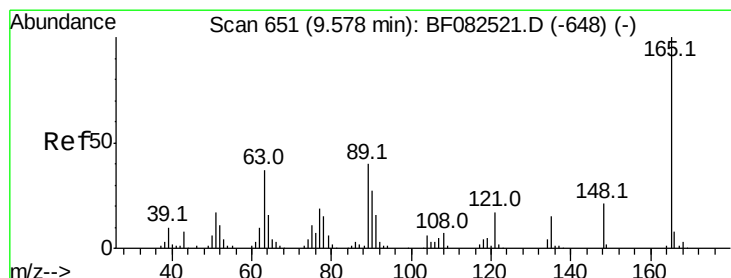
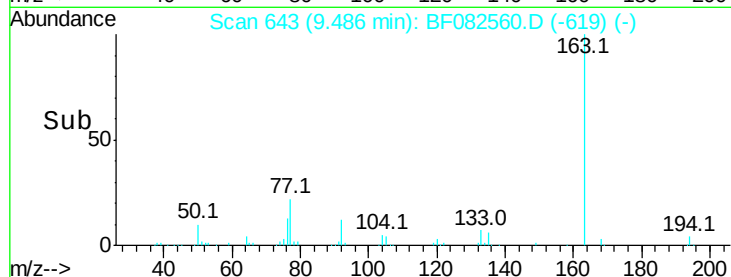
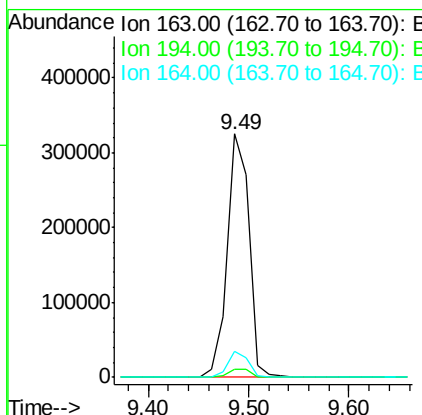
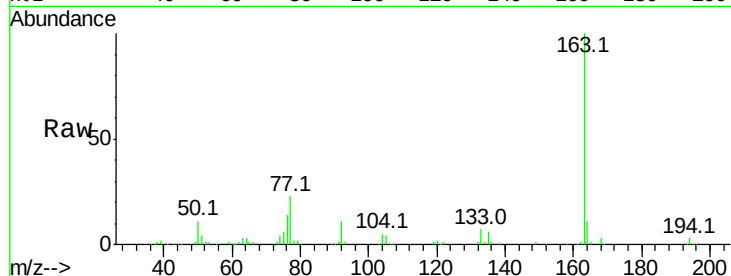




#49
Dimethylphthalate
Concen: 45.33 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

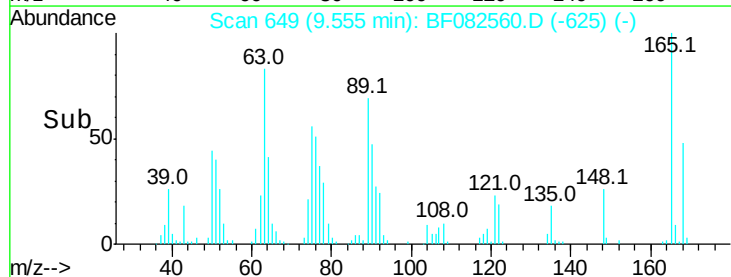
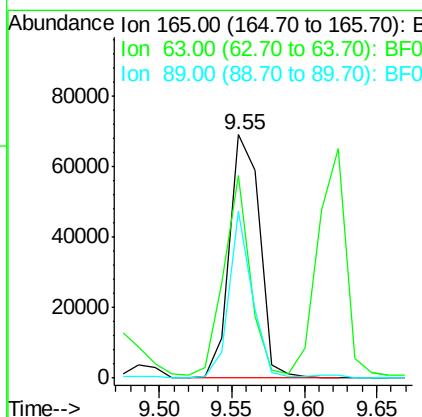
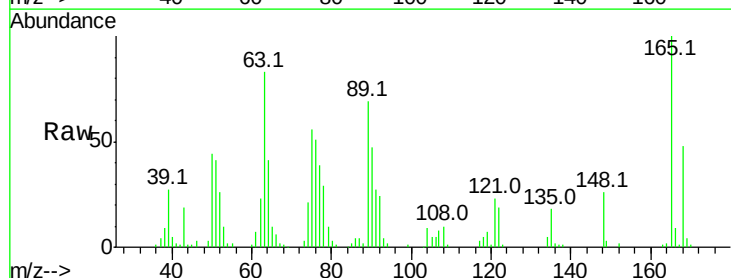
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

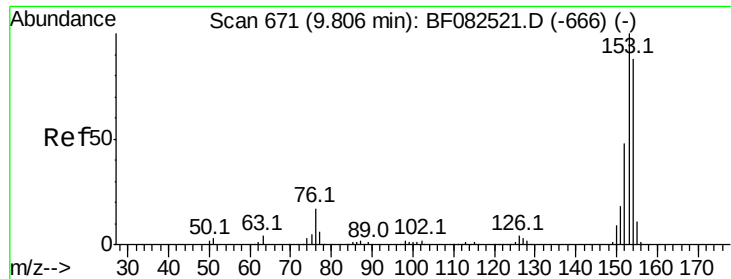
Tot Ion:163 Resp: 486198
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.7 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 42.34 ng
RT: 9.55 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Tgt Ion:165 Resp: 99565
Ion Ratio Lower Upper
165 100
63 83.5 30.7 46.1#
89 68.8 31.8 47.8#





#51

Acenaphthene

Concen: 45.71 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

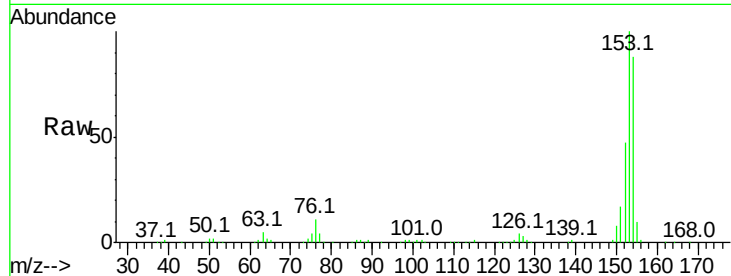
Tot Ion:154 Resp: 379638

Ion Ratio Lower Upper

154 100

153 113.9 90.7 136.1

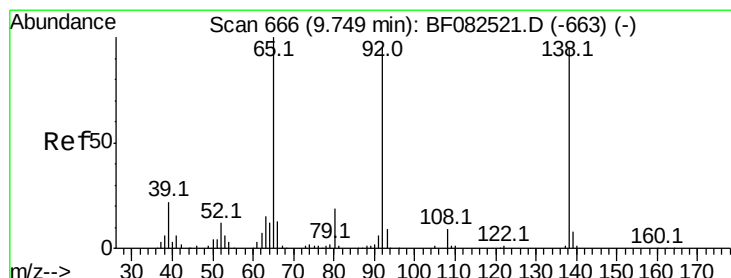
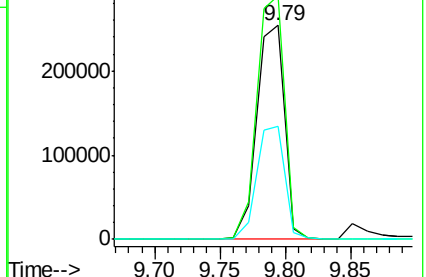
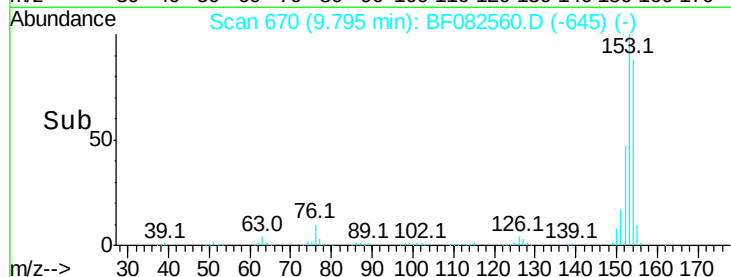
152 53.2 44.0 66.0



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: 7.51 ng

RT: 9.74 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

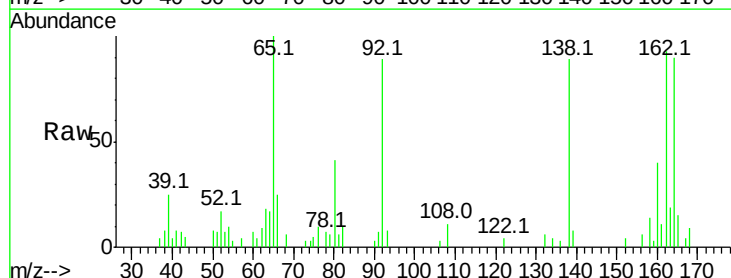
Tgt Ion:138 Resp: 19163

Ion Ratio Lower Upper

138 100

108 12.6 7.4 11.2#

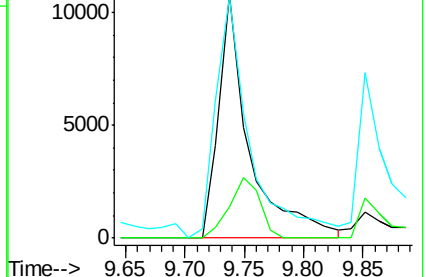
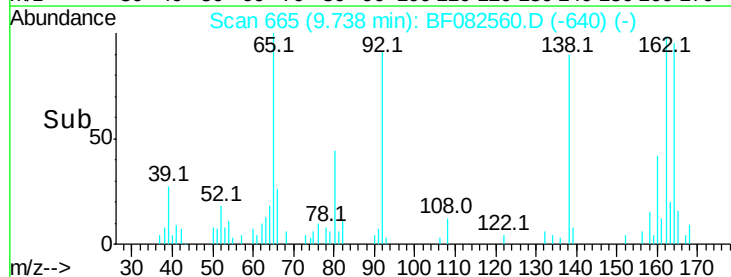
92 99.3 80.2 120.2

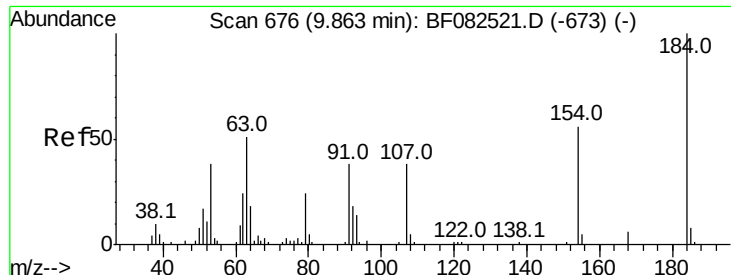


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

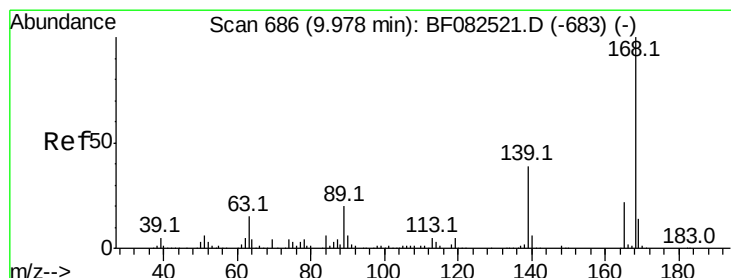
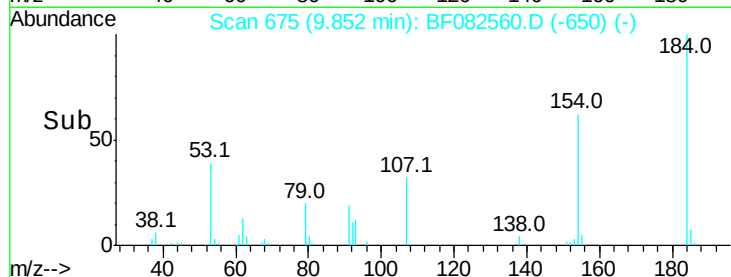
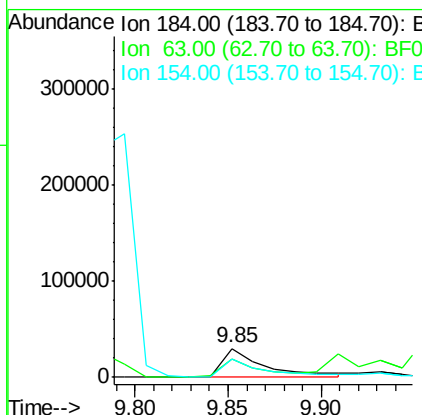
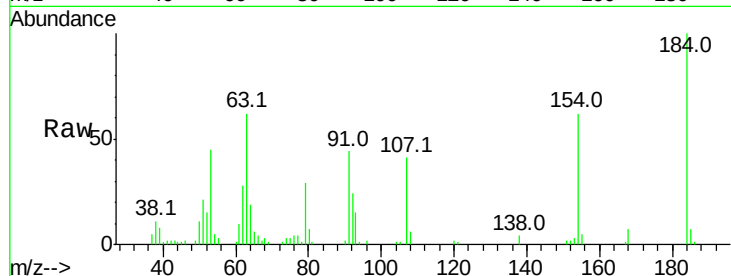




#53
 2,4-Dinitrophenol
 Concen: 50.65 ng
 RT: 9.85 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

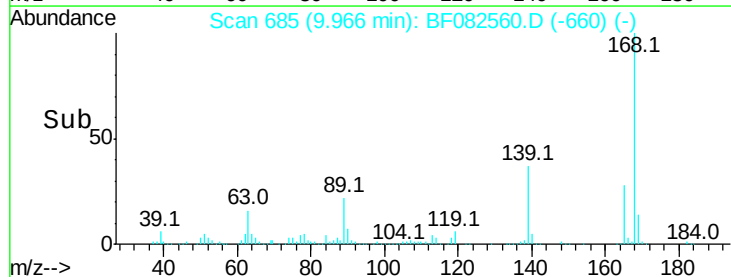
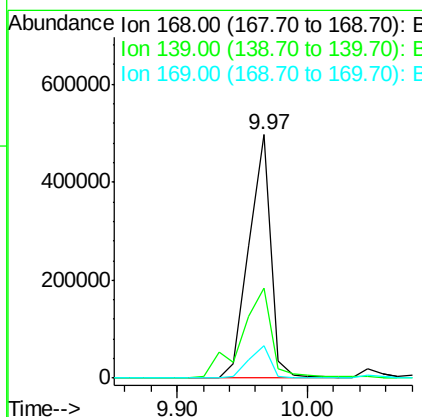
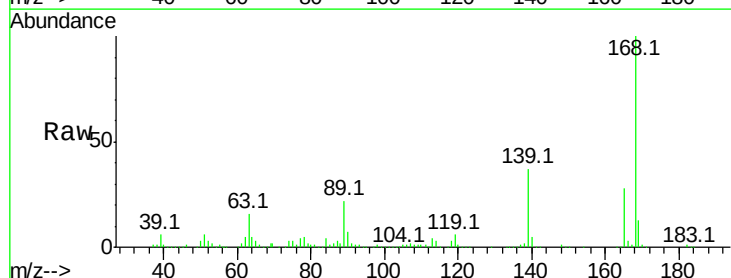
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

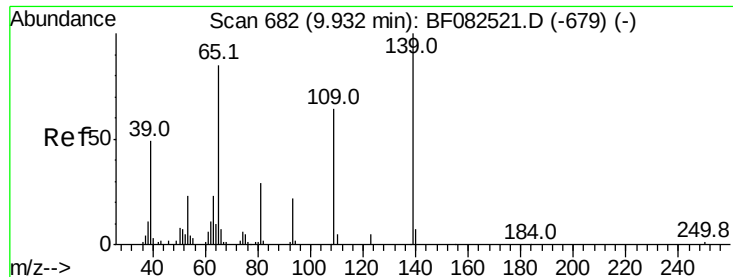
Tot Ion:184 Resp: 48303
 Ion Ratio Lower Upper
 184 100
 63 62.2 41.4 62.0#
 154 61.7 48.2 72.2



#54
 Dibenzofuran
 Concen: 47.60 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion:168 Resp: 576879
 Ion Ratio Lower Upper
 168 100
 139 36.7 33.0 49.6
 169 13.5 11.0 16.4

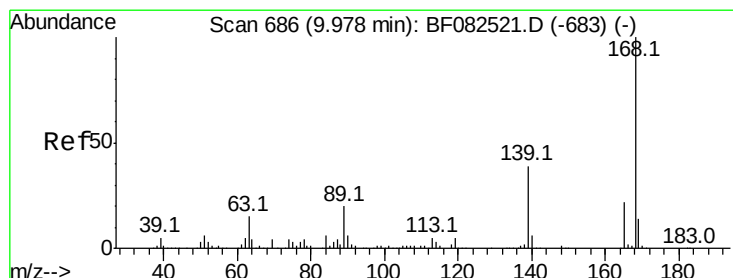
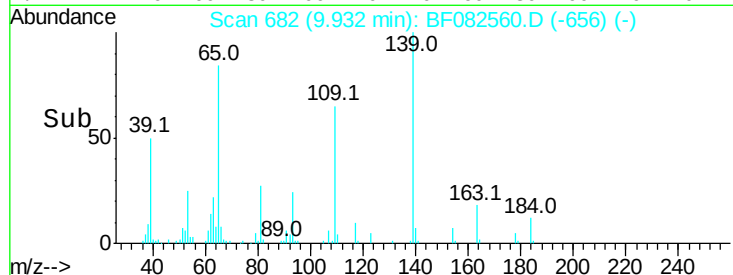
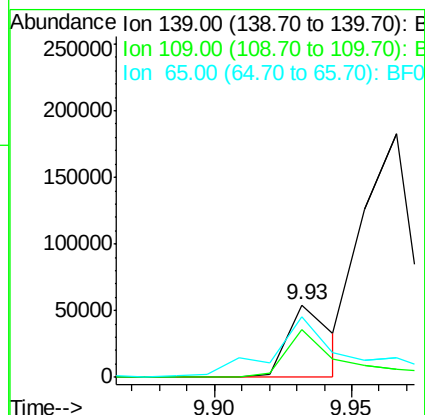
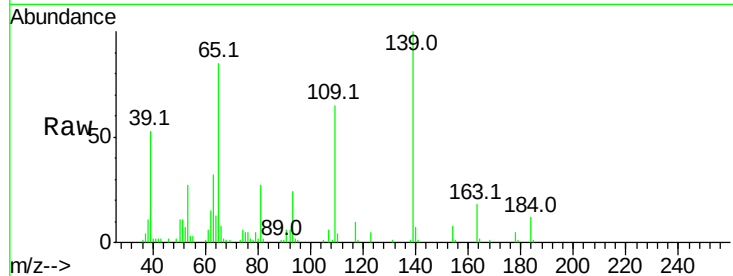




#55
4-Nitrophenol
Concen: 58.42 ng/mL
RT: 9.93 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

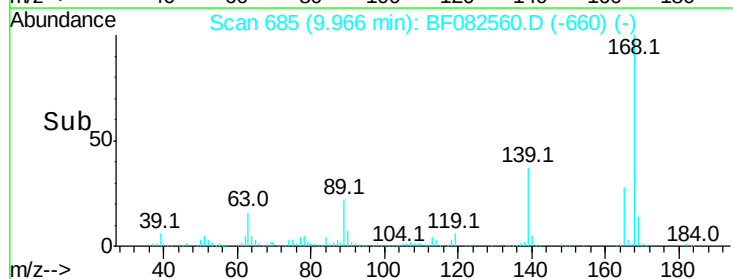
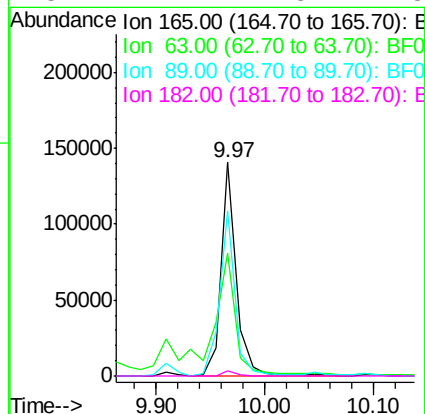
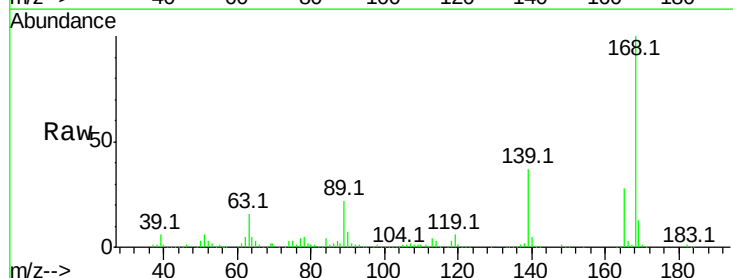
Instrument :
BNA_F
ClientSampled :
SB-1MSD

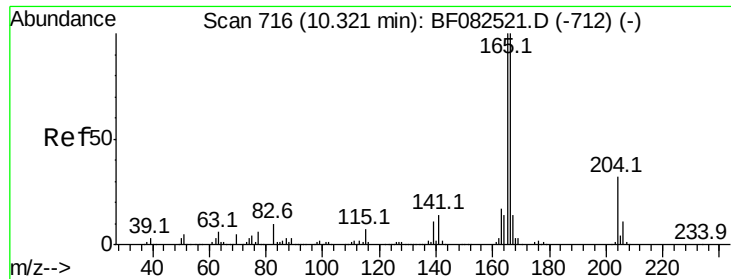
Tot Ion:139 Resp: 61483
Ion Ratio Lower Upper
139 100
109 65.4 44.2 84.2
65 84.7 68.1 108.1



#56
2,4-Dinitrotoluene
Concen: 48.68 ng/mL
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Tgt Ion:165 Resp: 138838
Ion Ratio Lower Upper
165 100
63 57.8 58.6 88.0#
89 77.4 72.3 108.5
182 2.2 1.8 2.8





#57

Fluorene

Concen: 46.40 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

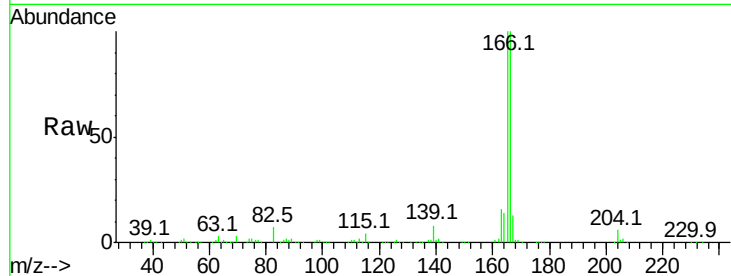
Tot Ion:166 Resp: 461622

Ion Ratio Lower Upper

166 100

165 99.7 79.7 119.5

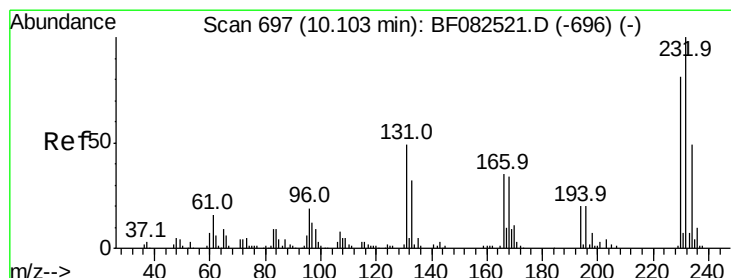
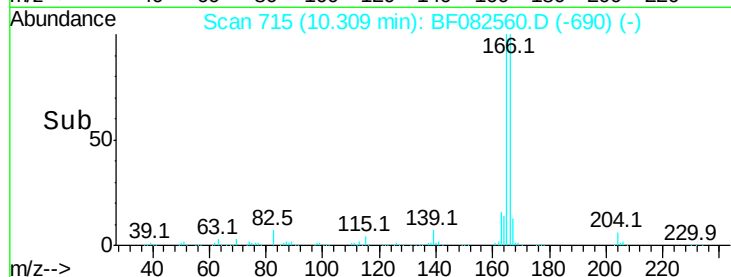
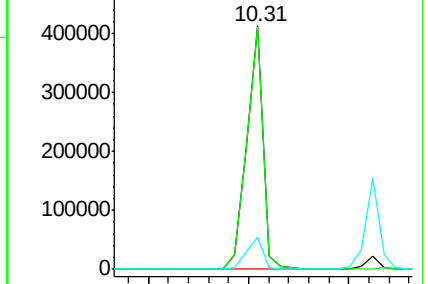
167 13.1 11.0 16.4



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: 48.80 ng

RT: 10.09 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Tgt Ion:232 Resp: 113627

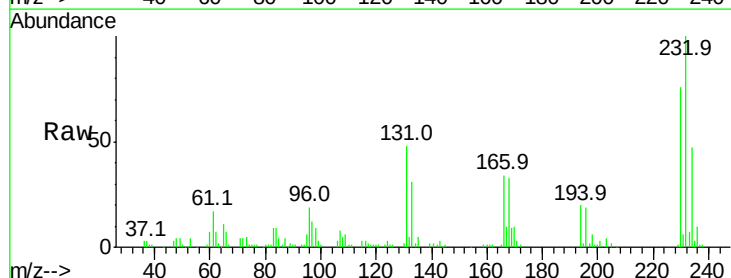
Ion Ratio Lower Upper

232 100

131 42.8 36.4 54.6

130 1.7 1.7 2.5

166 27.0 25.4 38.0

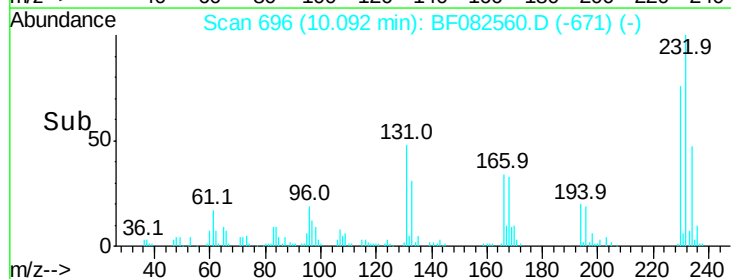
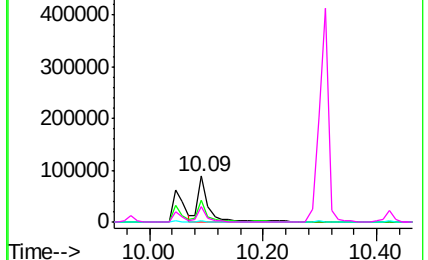


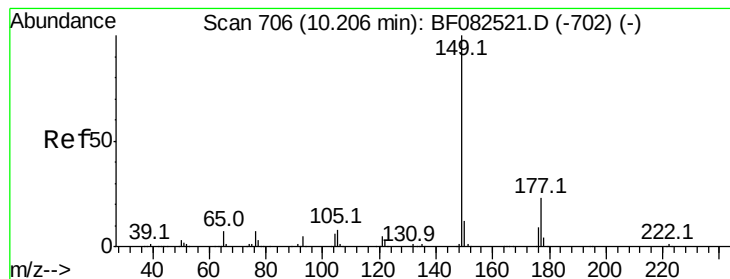
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.14 ng

RT: 10.18 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

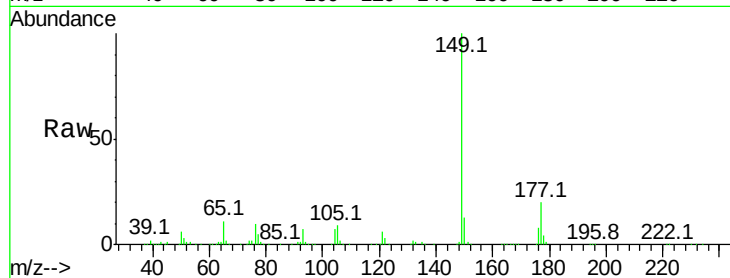
Tot Ion:149 Resp: 460786

Ion Ratio Lower Upper

149 100

177 20.5 18.6 28.0

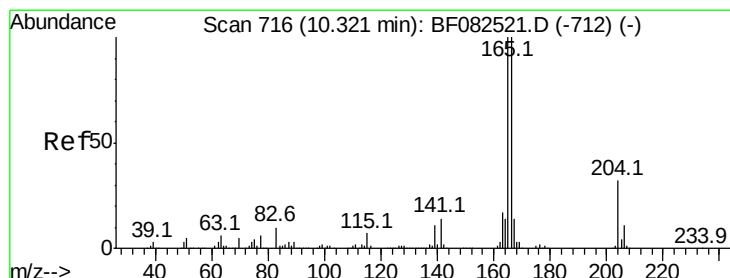
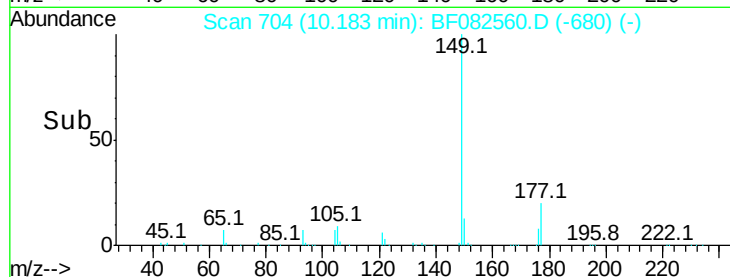
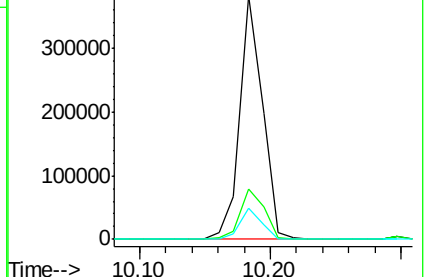
150 12.6 9.9 14.9



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: 48.30 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

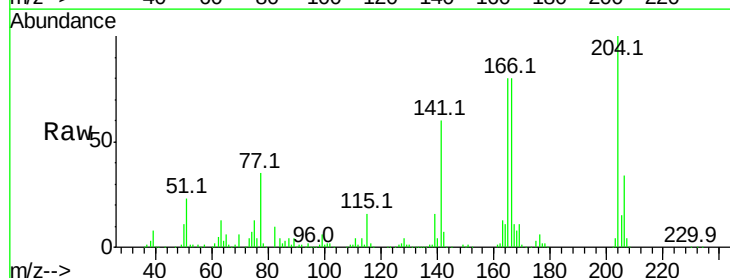
Tgt Ion:204 Resp: 225992

Ion Ratio Lower Upper

204 100

206 34.1 27.7 41.5

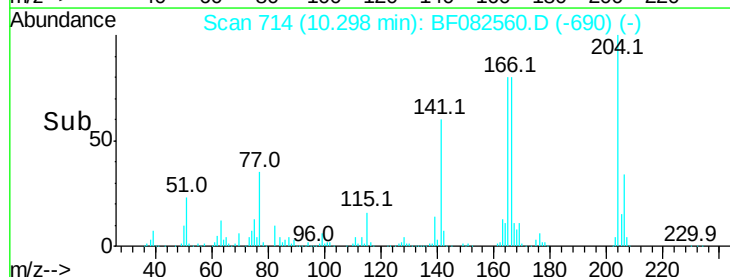
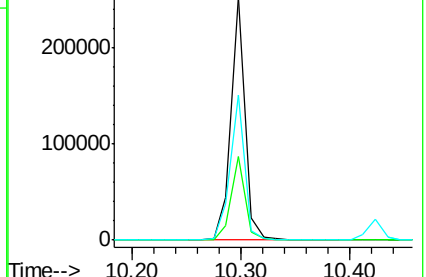
141 59.8 33.9 50.9#

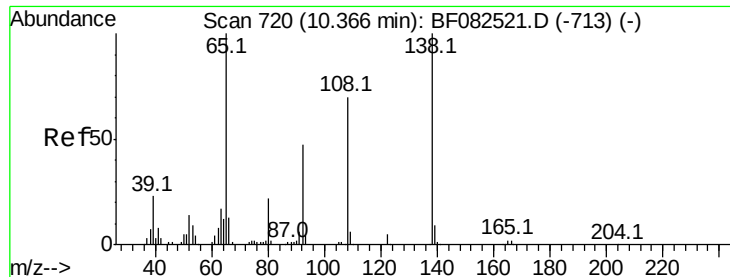


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.43 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

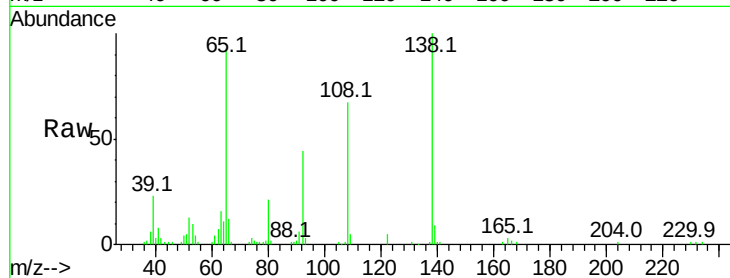
Tot Ion:138 Resp: 85424

Ion Ratio Lower Upper

138 100

92 43.8 27.3 67.3

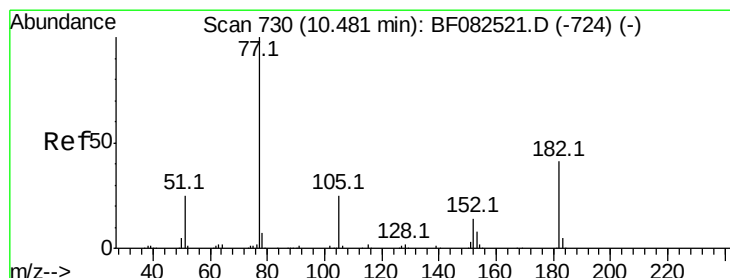
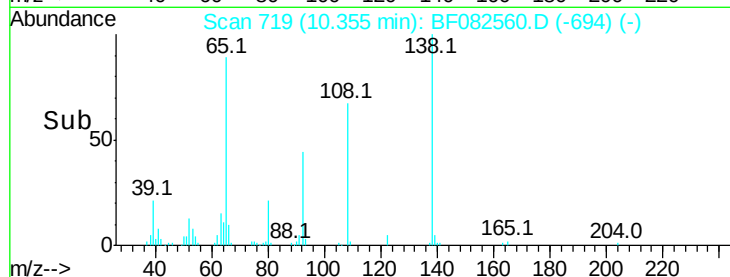
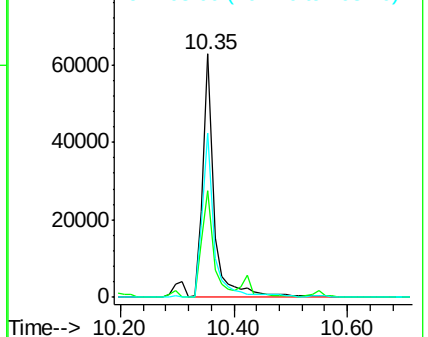
108 67.5 49.8 89.8



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: 47.55 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Tgt Ion: 77 Resp: 479459

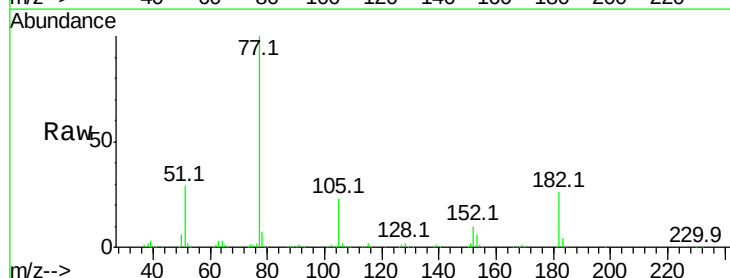
Ion Ratio Lower Upper

77 100

182 25.9 20.8 60.8

105 22.6 5.8 45.8

51 29.2 5.3 45.3

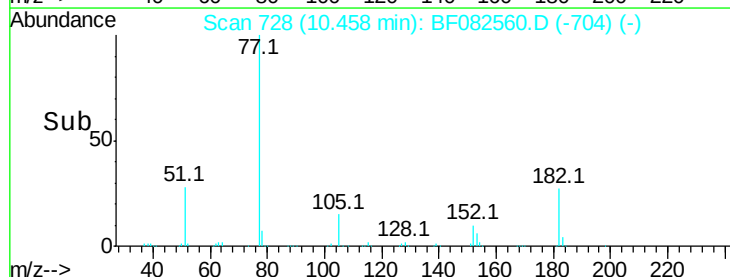
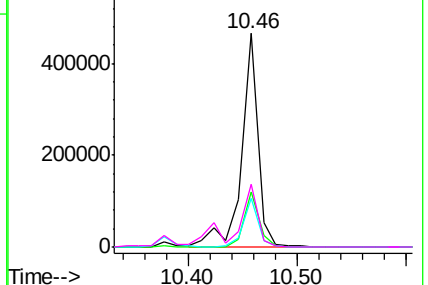


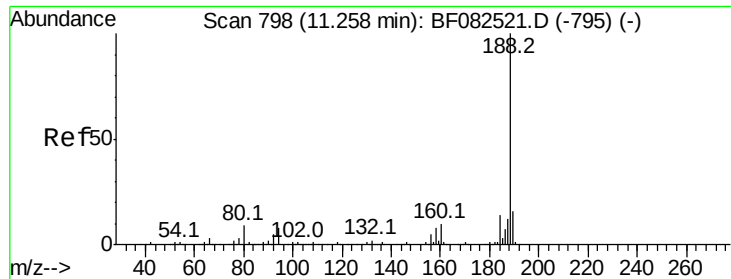
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

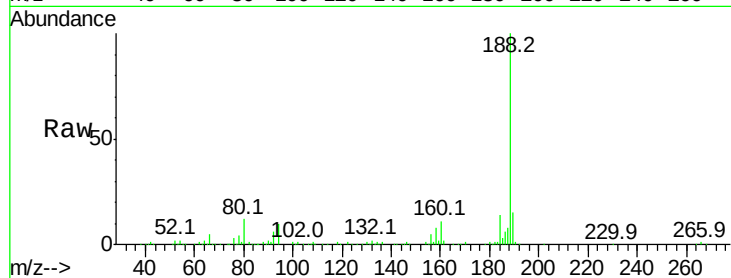




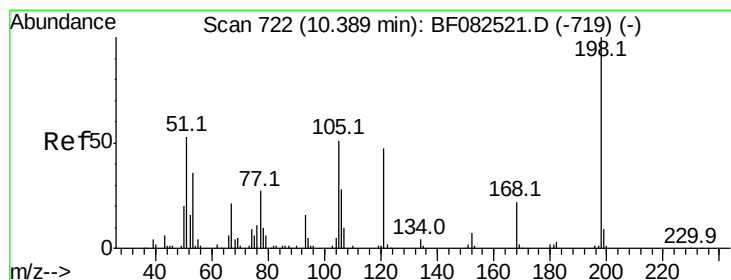
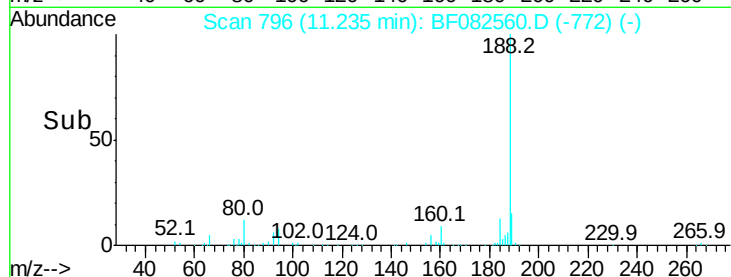
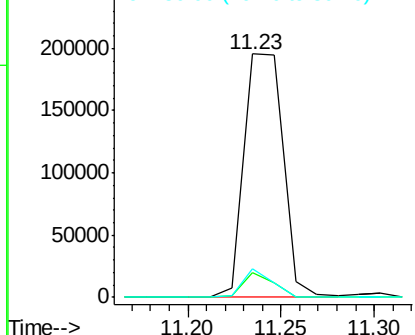
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tot Ion:188 Resp: 284838
Ion Ratio Lower Upper
188 100
94 10.4 6.4 9.6#
80 12.0 7.0 10.6#

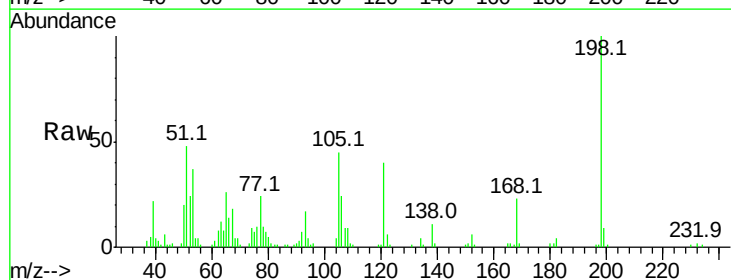


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

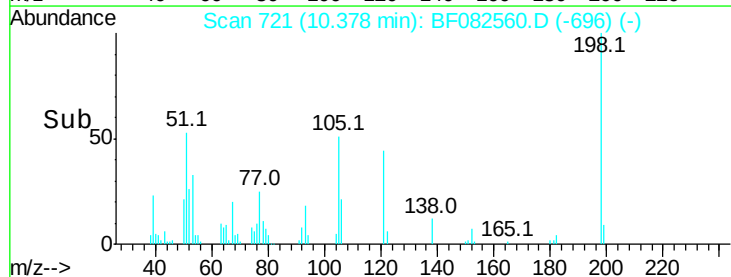
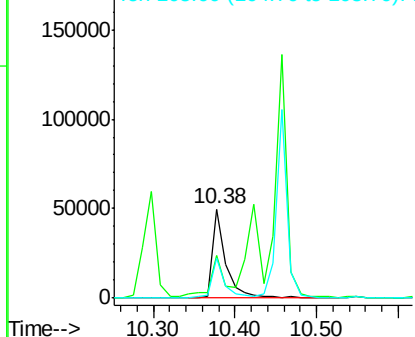


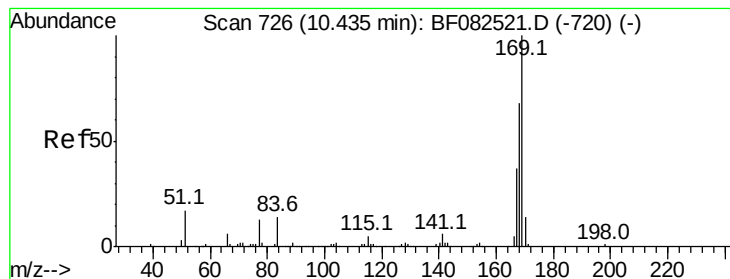
#64
4,6-Dinitro-2-methylphenol
Concen: 35.06 ng
RT: 10.38 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Tgt Ion:198 Resp: 58595
Ion Ratio Lower Upper
198 100
51 48.1 38.2 78.2
105 45.5 32.2 72.2



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: 47.18 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

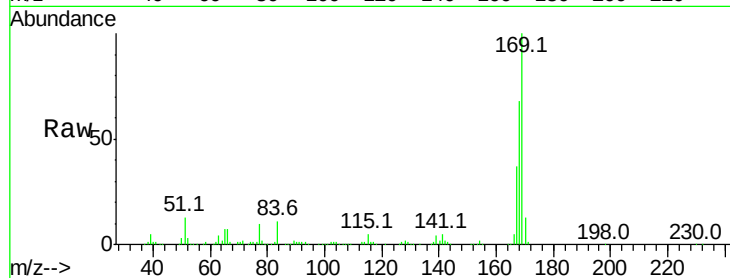
Tot Ion:169 Resp: 406554

Ion Ratio Lower Upper

169 100

168 68.0 54.8 82.2

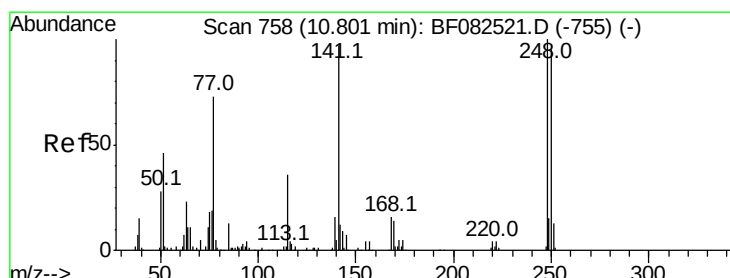
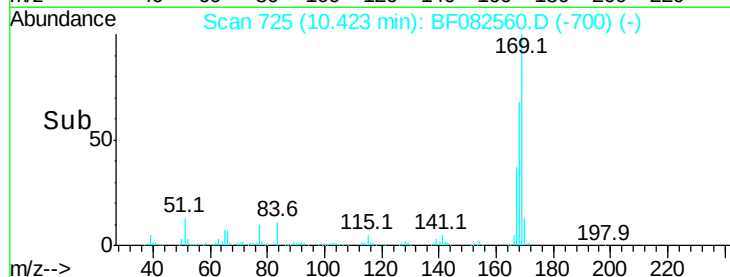
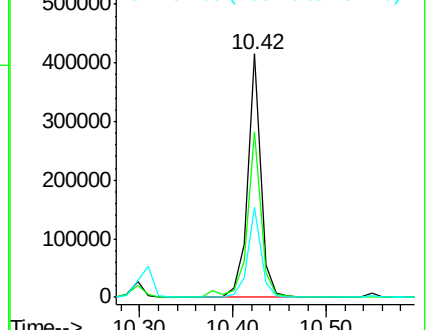
167 37.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.27 ng

RT: 10.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

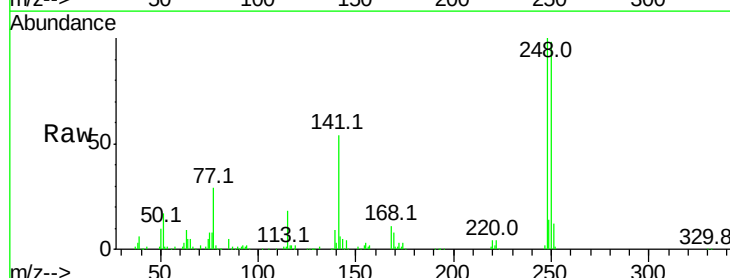
Tgt Ion:248 Resp: 129021

Ion Ratio Lower Upper

248 100

250 97.8 76.0 114.0

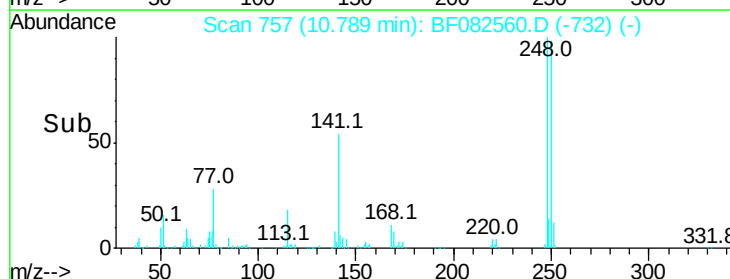
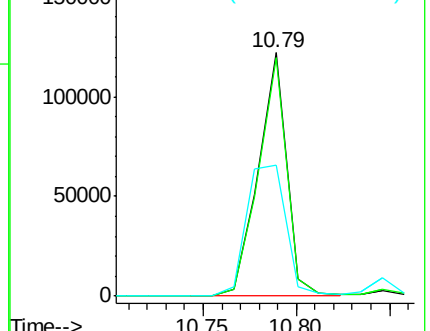
141 53.9 77.5 116.3#

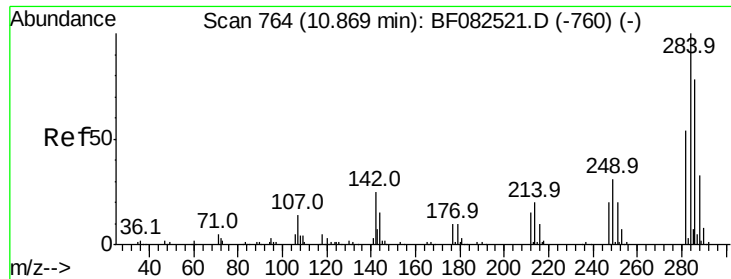


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.32 ng

RT: 10.85 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

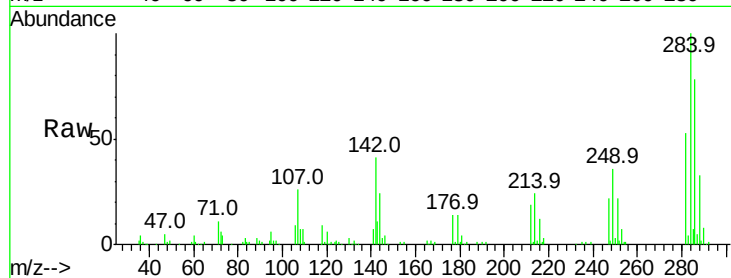
Tot Ion:284 Resp: 132062

Ion Ratio Lower Upper

284 100

142 41.1 20.3 30.5#

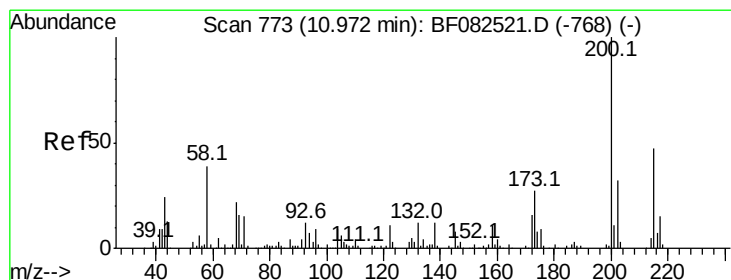
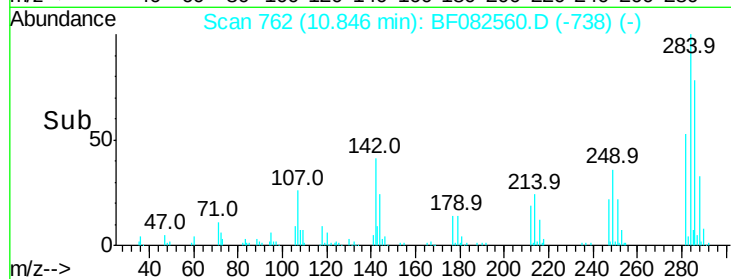
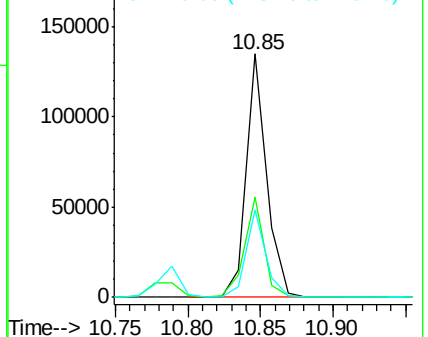
249 35.7 25.3 37.9



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: 52.55 ng

RT: 10.96 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

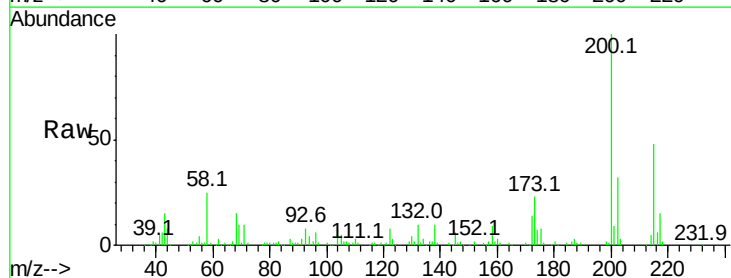
Tgt Ion:200 Resp: 140197

Ion Ratio Lower Upper

200 100

173 23.4 7.2 47.2

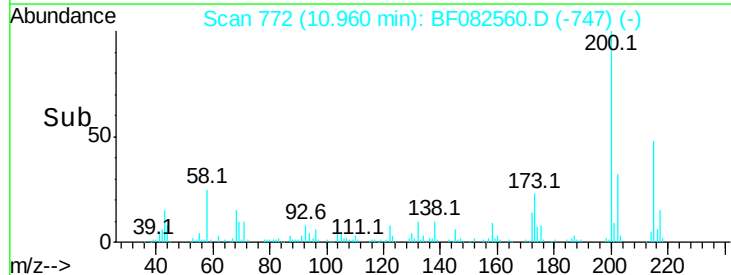
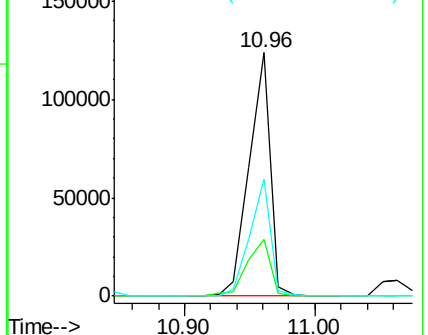
215 48.2 27.0 67.0

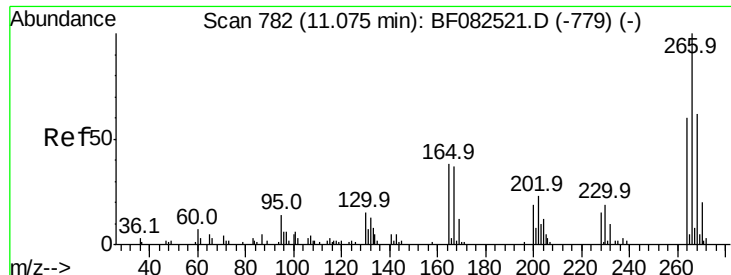


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

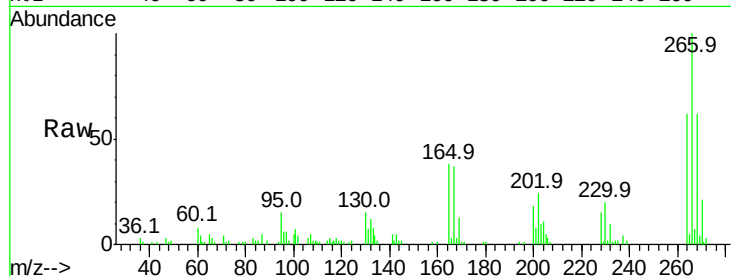




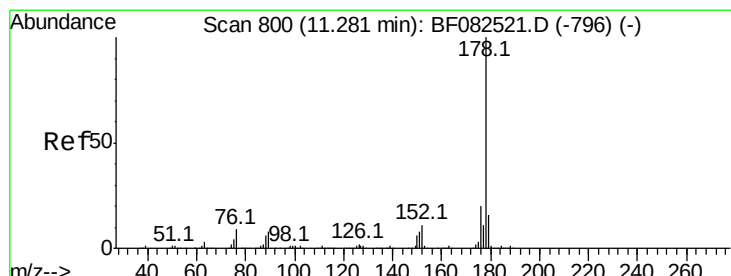
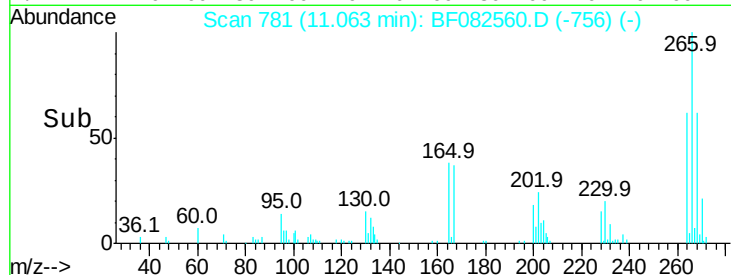
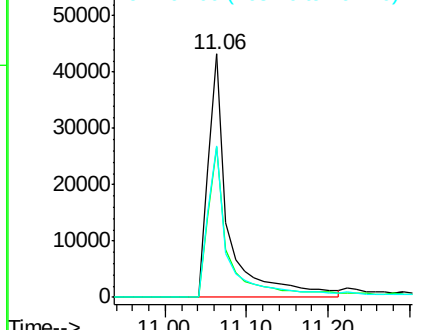
#69
 Pentachlorophenol
 Concen: 66.74 ng
 RT: 11.06 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.9	49.5	74.3
264	61.9	48.0	72.0

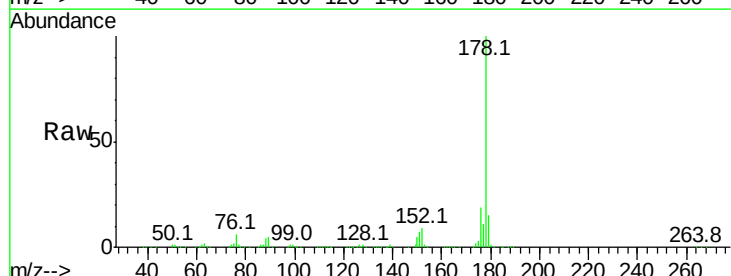


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

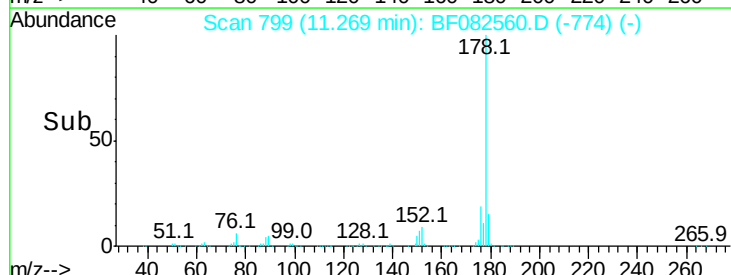
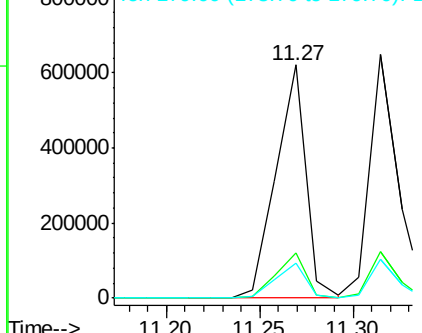


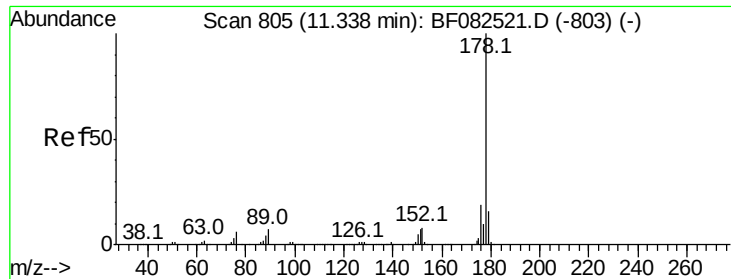
#70
 Phenanthrene
 Concen: 47.12 ng
 RT: 11.27 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.2	12.8	19.2



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

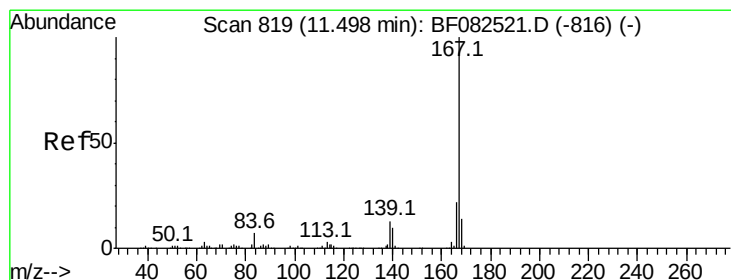
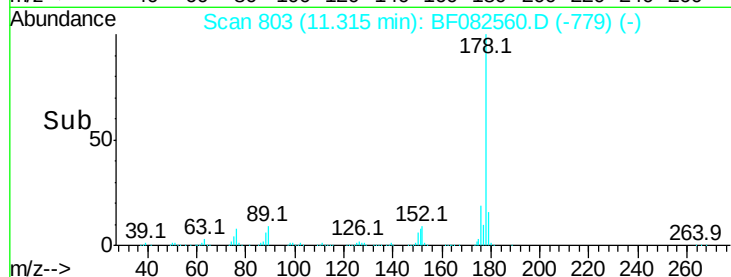
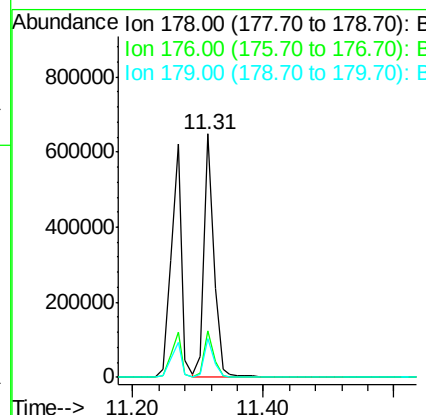
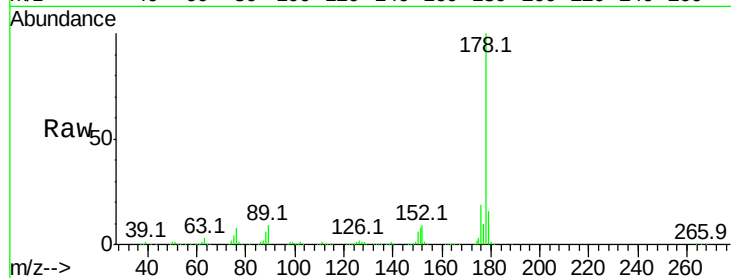




#71
 Anthracene
 Concen: 45.90 ng
 RT: 11.31 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

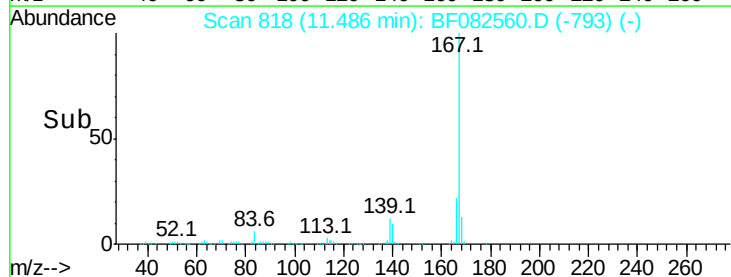
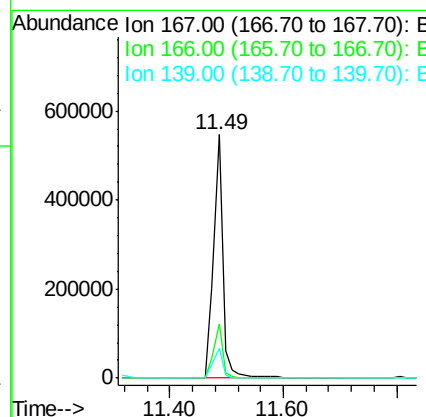
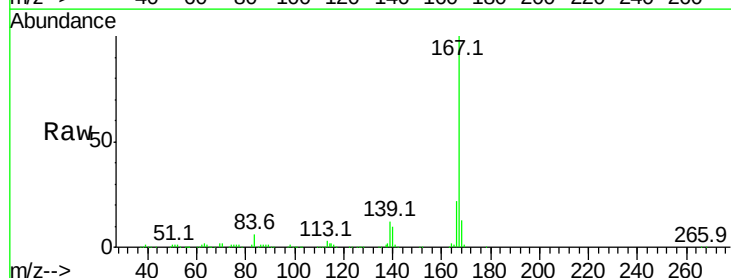
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

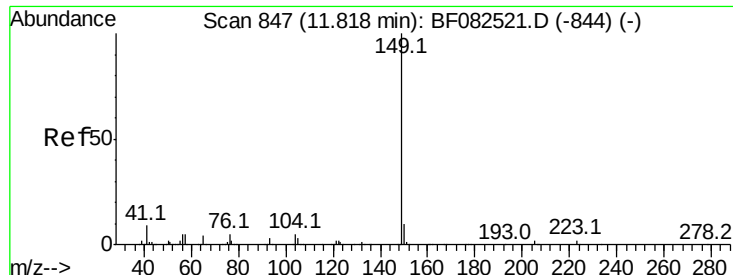
Tot Ion:178 Resp: 677581
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 46.18 ng
 RT: 11.49 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion:167 Resp: 601189
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 12.1 10.4 15.6





#73

Di-n-butylphthalate

Concen: 50.65 ng

RT: 11.81 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

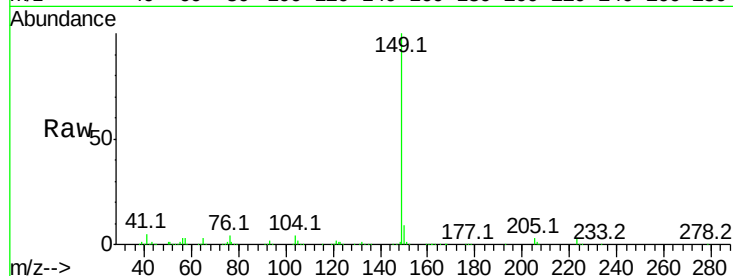
Tot Ion:149 Resp: 786508

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

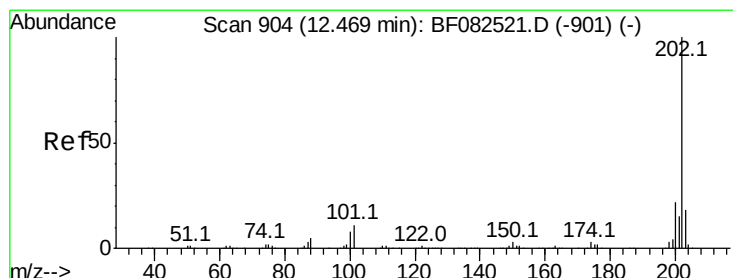
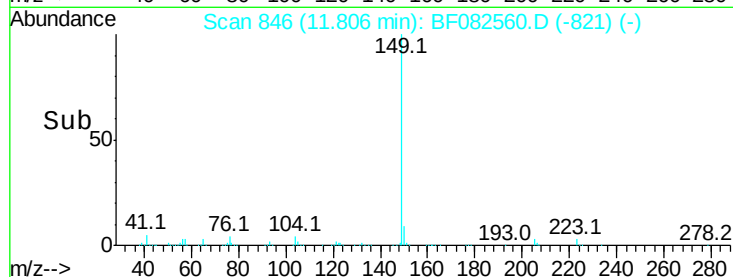
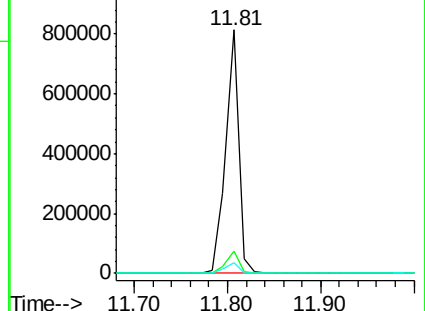
104 4.2 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.79 ng

RT: 12.45 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

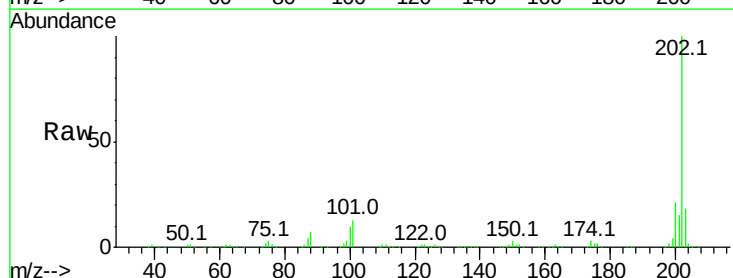
Tgt Ion:202 Resp: 643920

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.2

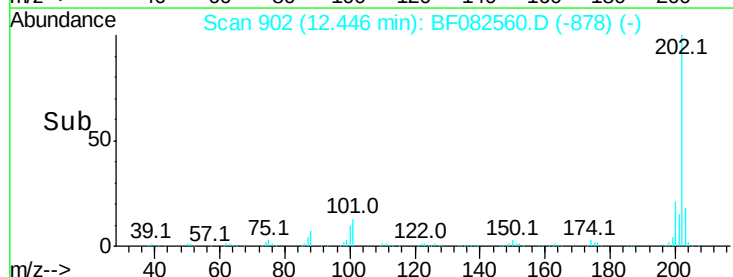
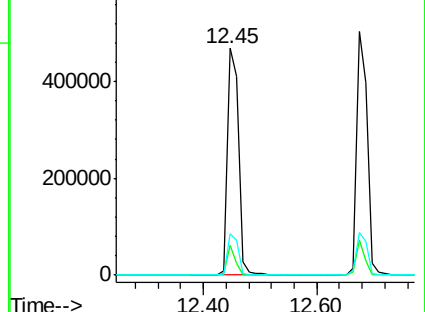
203 18.2 0.0 38.1

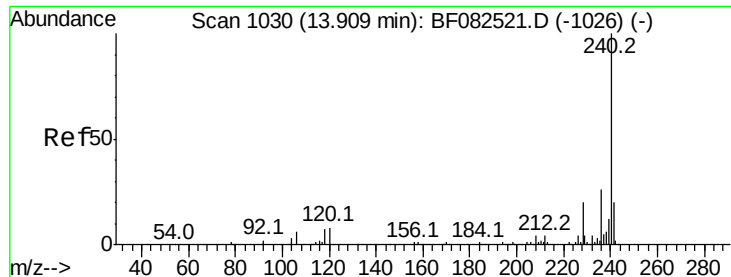


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

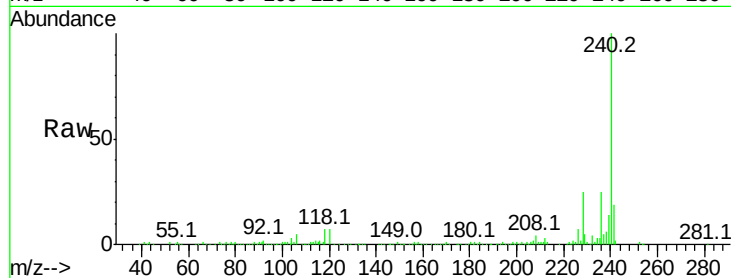
Tot Ion:240 Resp: 187740

Ion Ratio Lower Upper

240 100

120 7.5 6.5 9.7

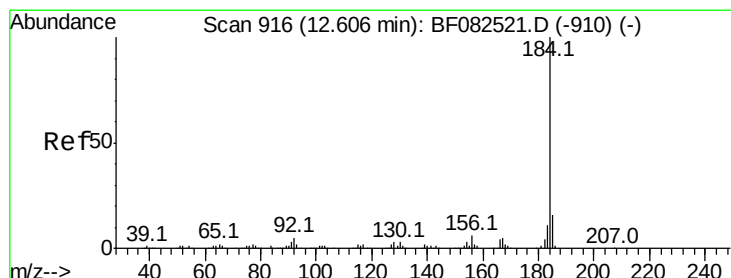
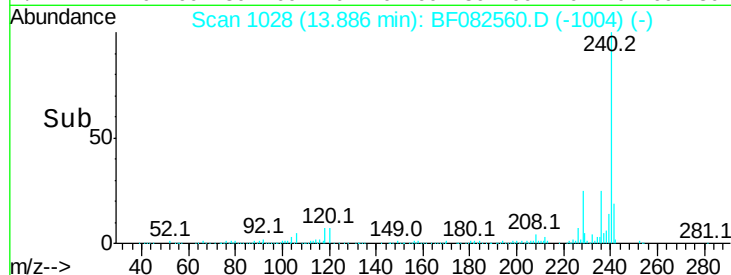
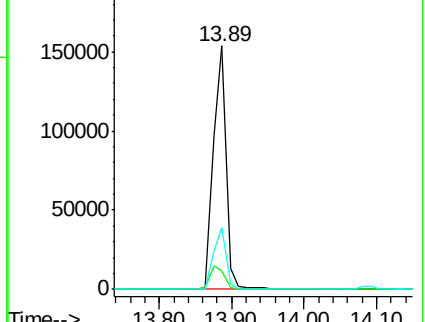
236 25.2 20.5 30.7



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: 24.99 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

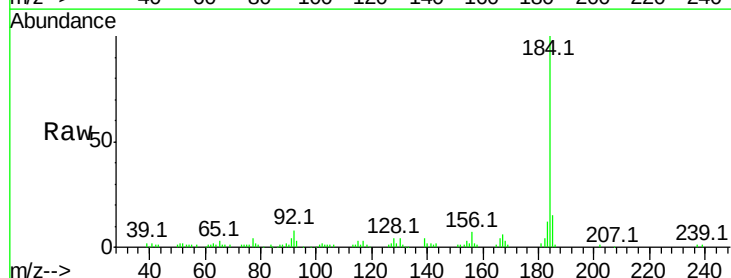
Tgt Ion:184 Resp: 128740

Ion Ratio Lower Upper

184 100

185 14.5 12.8 19.2

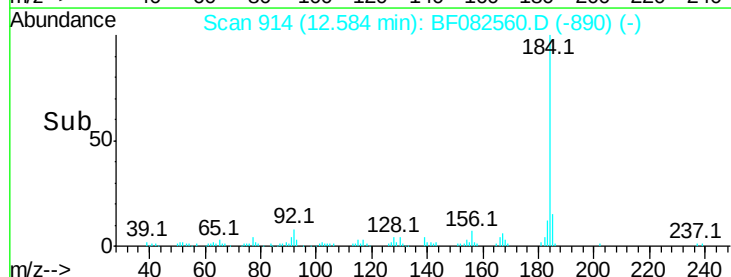
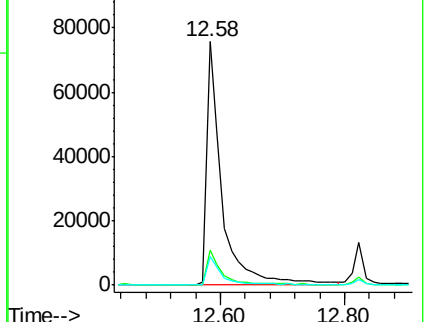
183 11.5 8.9 13.3

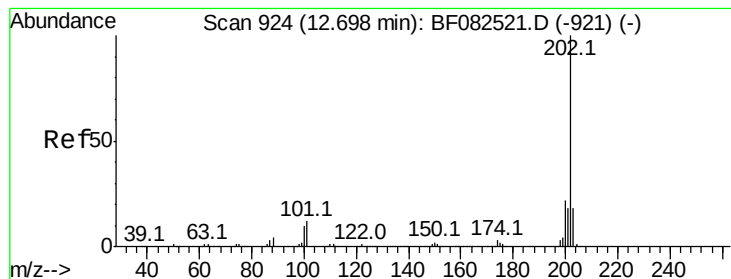


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 56.36 ng

RT: 12.67 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

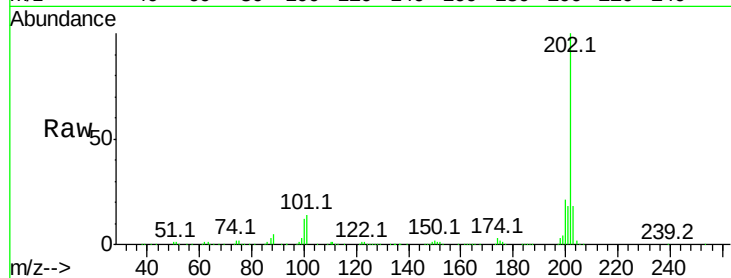
Tot Ion:202 Resp: 650805

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

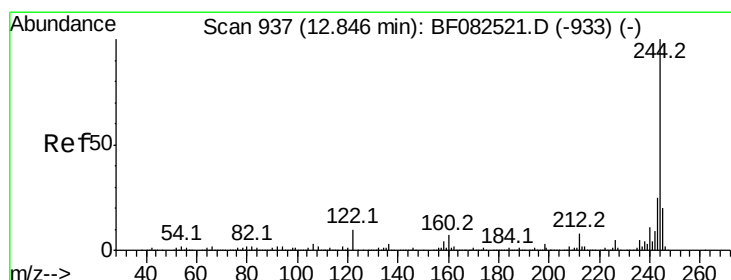
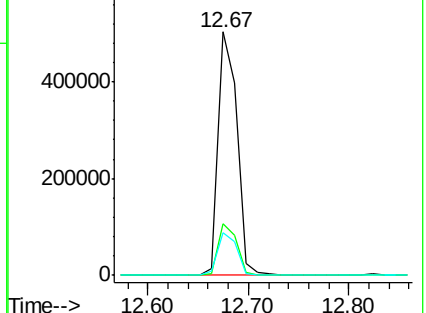
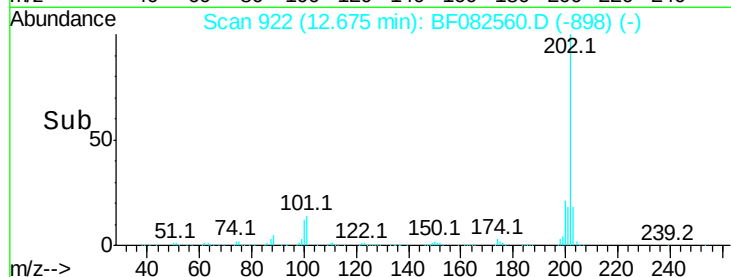
203 17.8 14.6 22.0



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: 122.18 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

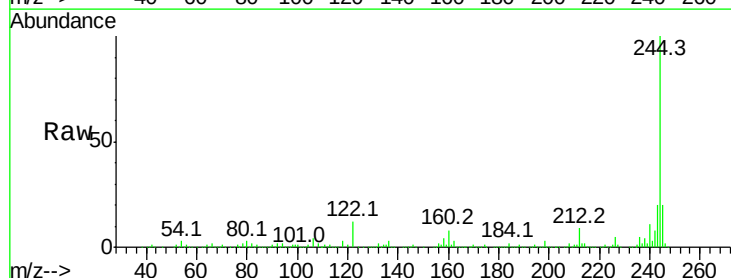
Tgt Ion:244 Resp: 796175

Ion Ratio Lower Upper

244 100

212 8.6 6.4 9.6

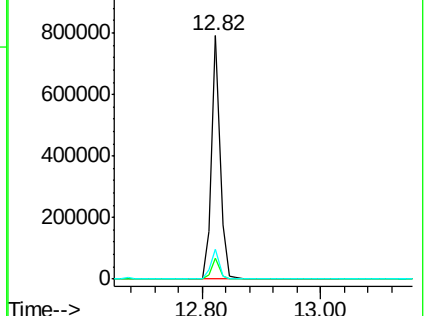
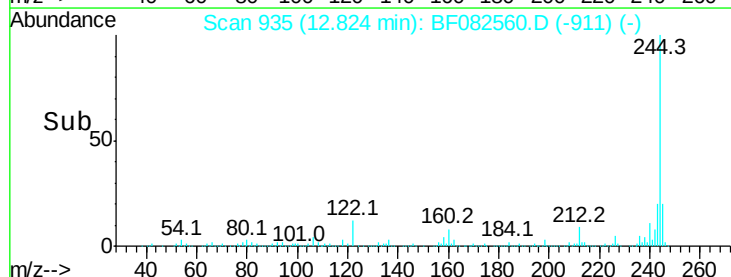
122 12.5 8.1 12.1#

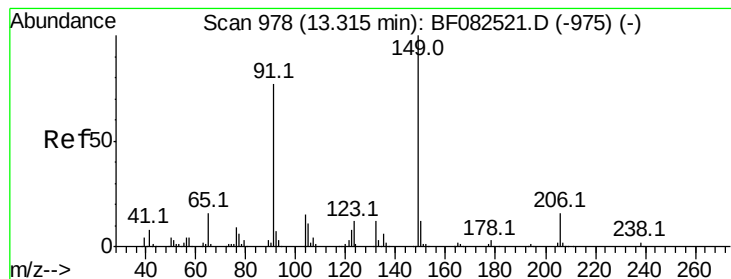


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 58.81 ng

RT: 13.30 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

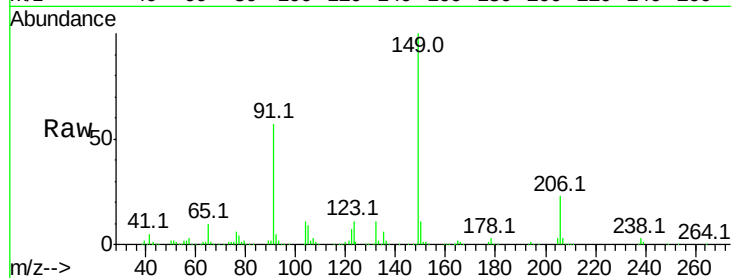
Tot Ion:149 Resp: 285551

Ion Ratio Lower Upper

149 100

91 57.2 62.0 93.0#

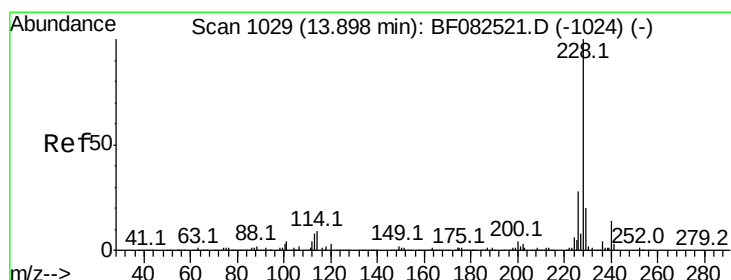
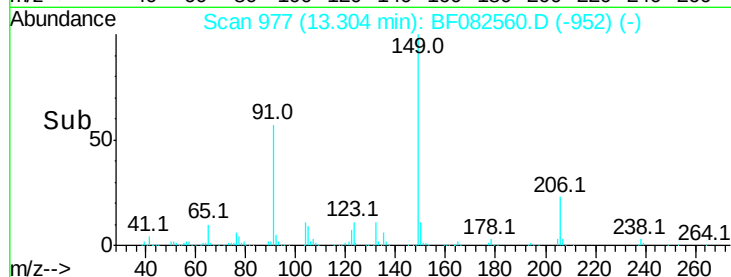
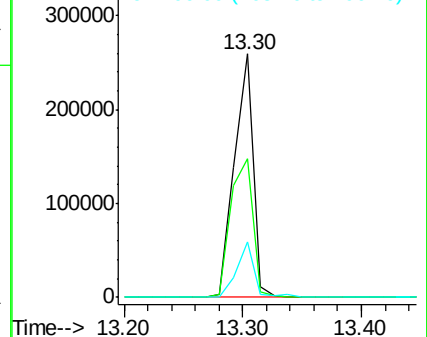
206 23.0 13.0 19.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.60 ng

RT: 13.88 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF082560.D

Acq: 27 Oct 2015 21:42

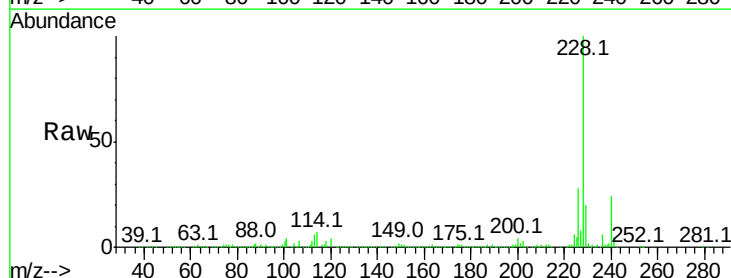
Tgt Ion:228 Resp: 458918

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

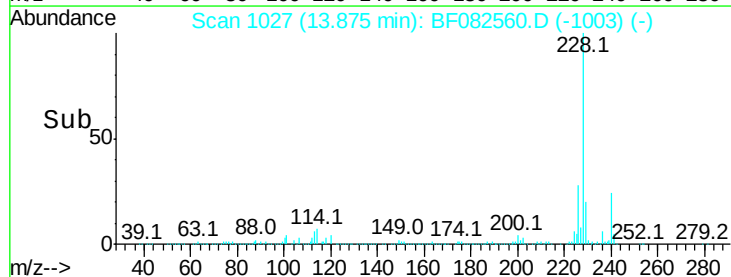
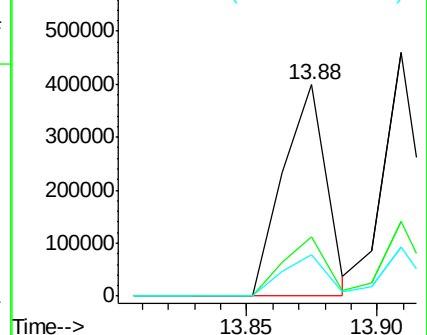
229 19.5 16.1 24.1

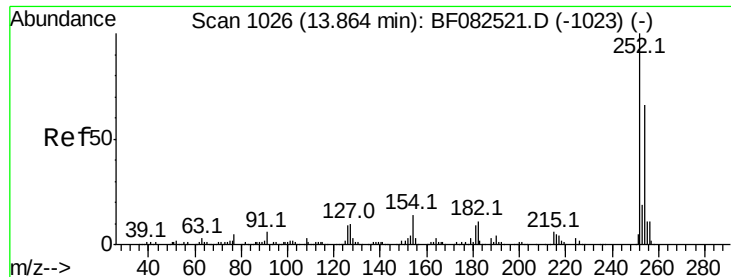


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

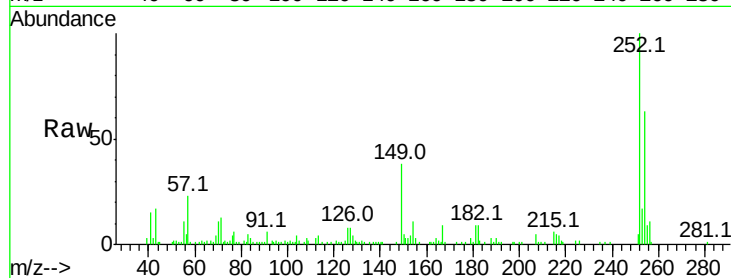




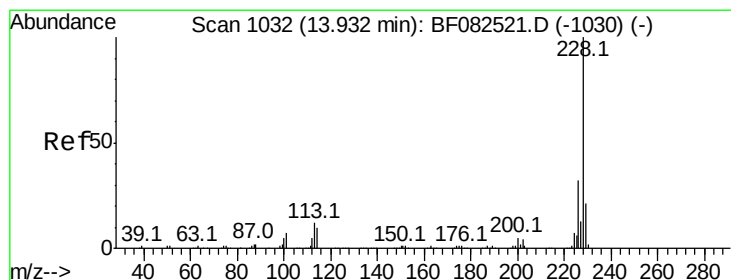
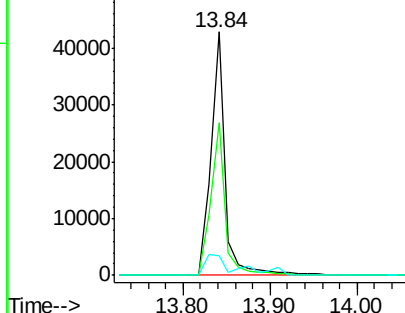
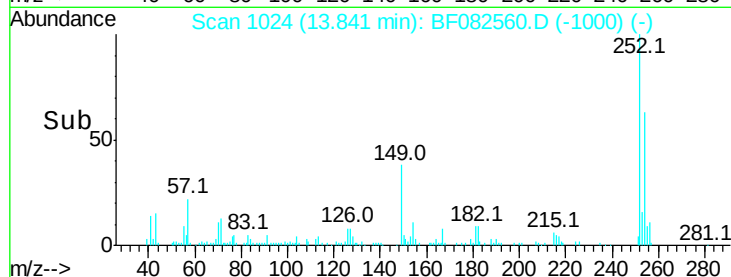
#81
 3,3'-Dichlorobenzidine
 Concen: 14.08 ng
 RT: 13.84 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tot Ion:252 Resp: 49156
 Ion Ratio Lower Upper
 252 100
 254 62.8 53.0 79.6
 126 8.3 7.4 11.2

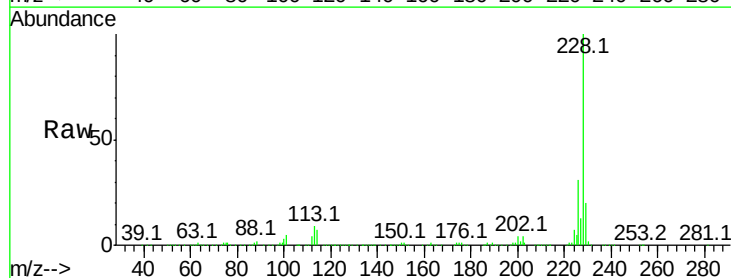


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

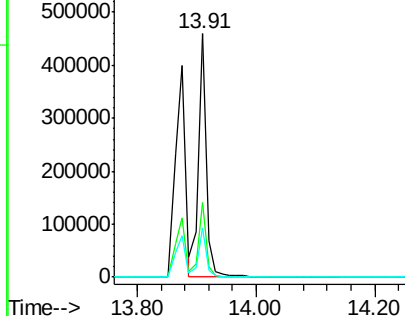
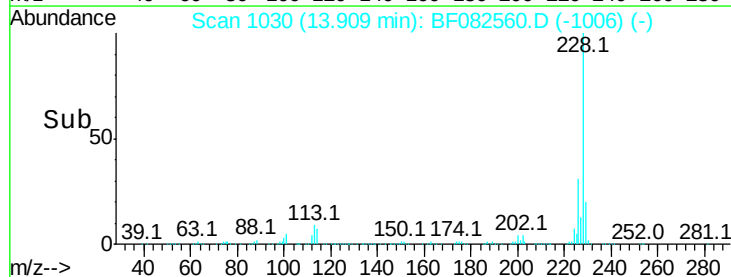


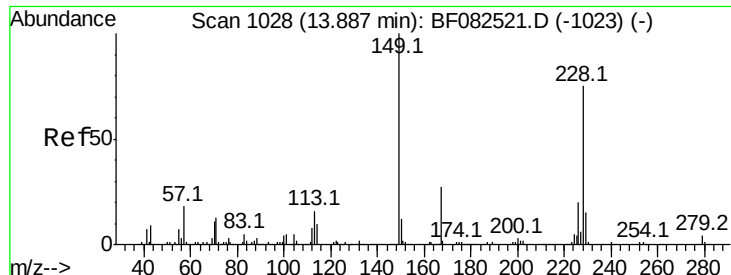
#82
 Chrysene
 Concen: 46.67 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion:228 Resp: 443681
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.2 37.8
 229 19.9 16.3 24.5



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

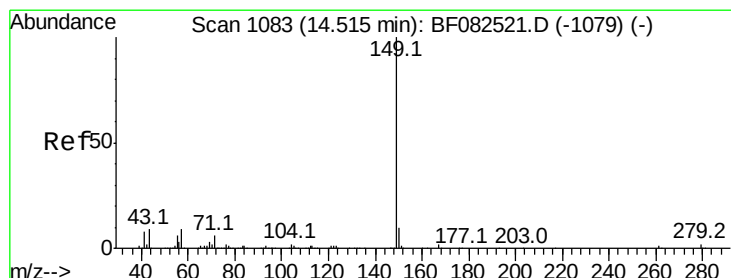
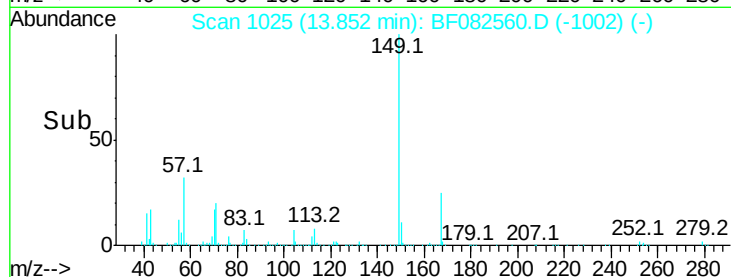
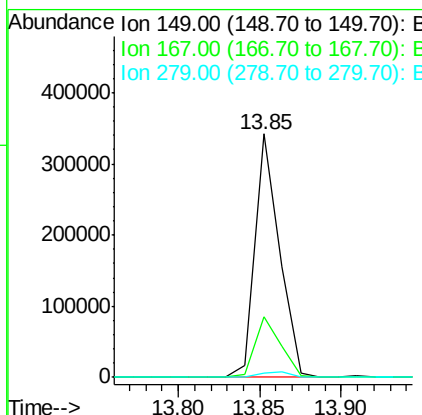
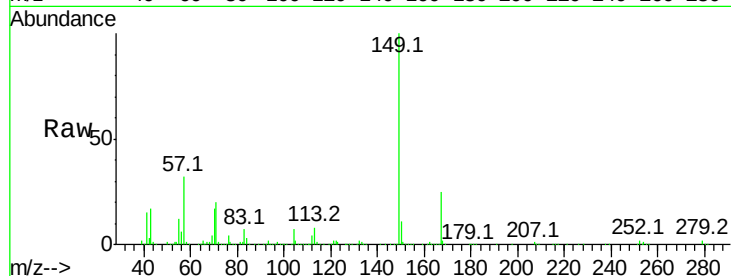




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.19 ng
 RT: 13.85 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

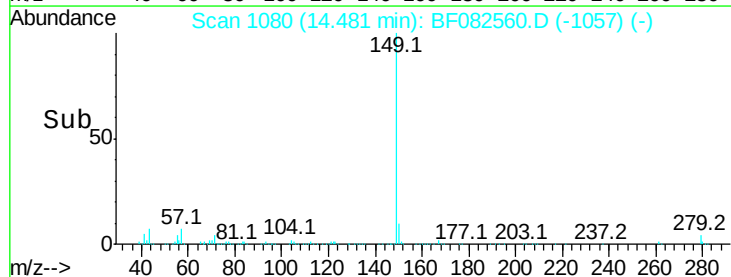
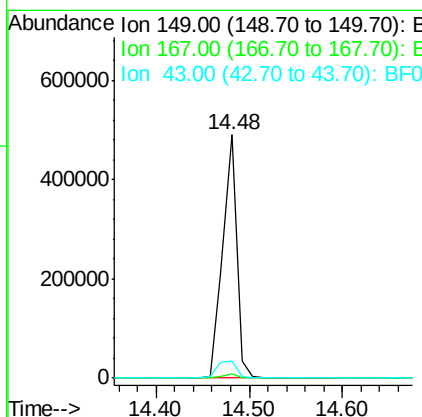
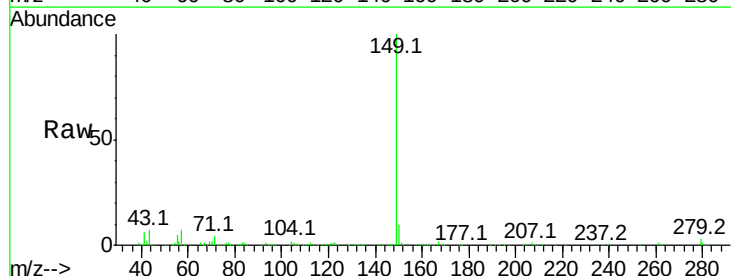
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

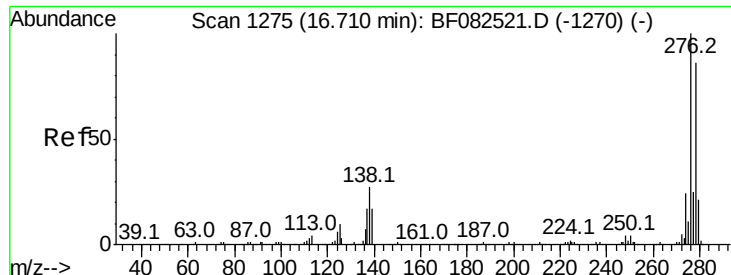
Tot Ion:149 Resp: 358850
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.8 32.6
 279 1.9 3.0 4.6#



#84
 Di-n-octyl phthalate
 Concen: 47.56 ng
 RT: 14.48 min Scan# 1080
 Delta R.T. -0.03 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion:149 Resp: 510337
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 9.2 7.7 11.5

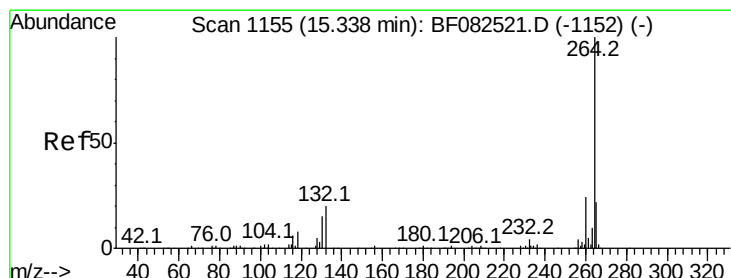
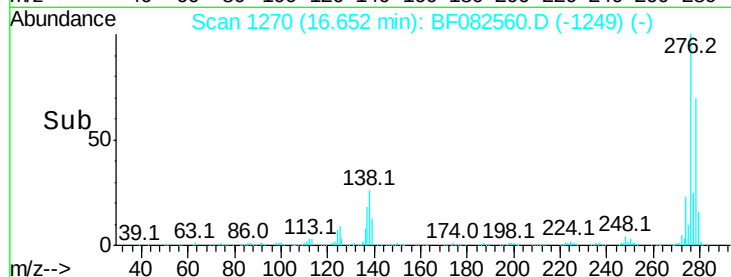
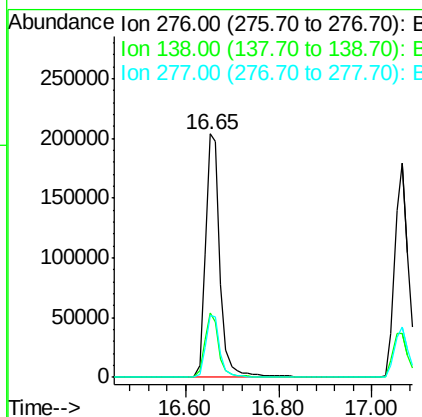
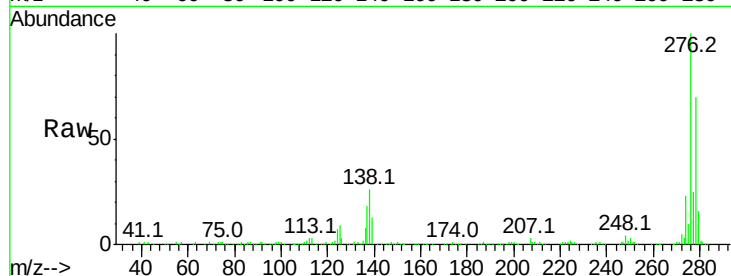




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.37 ng
 RT: 16.65 min Scan# 1270
 Delta R.T. -0.06 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

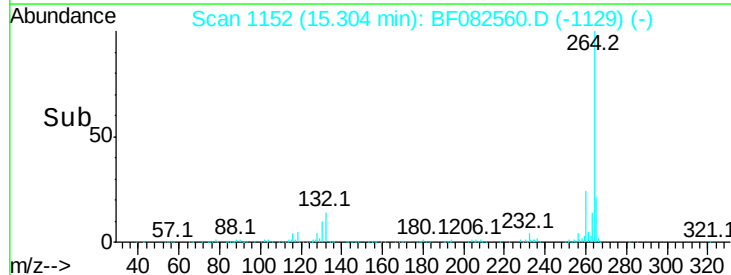
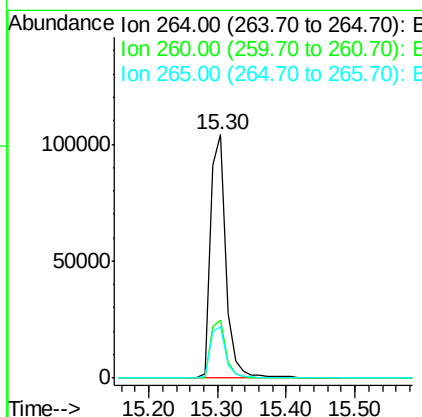
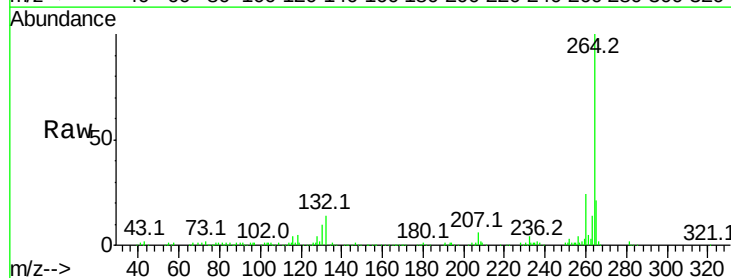
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

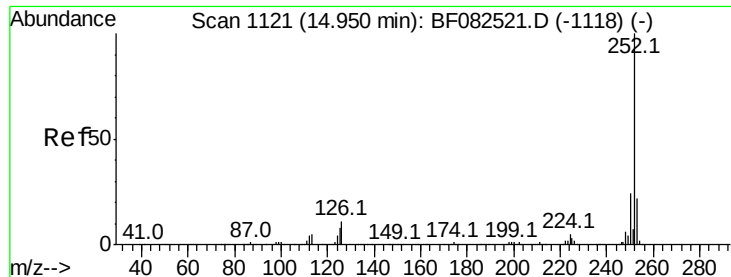
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.6	30.8
277	24.9	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1152
 Delta R.T. -0.03 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.0	17.8	26.6

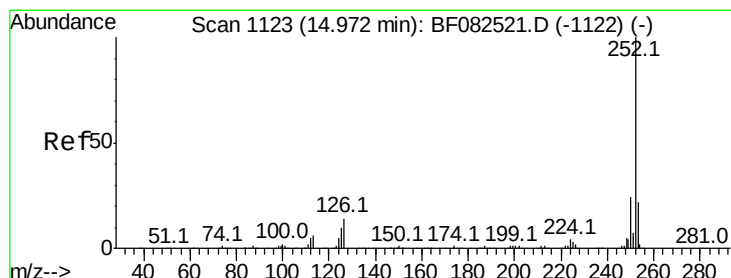
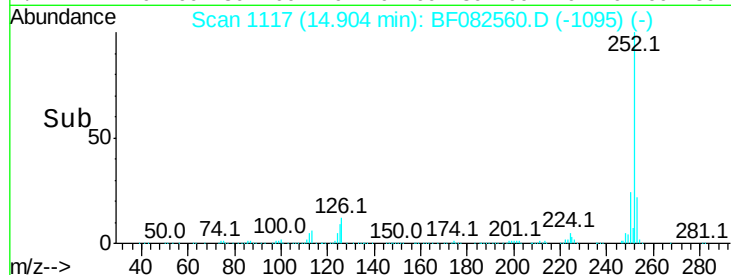
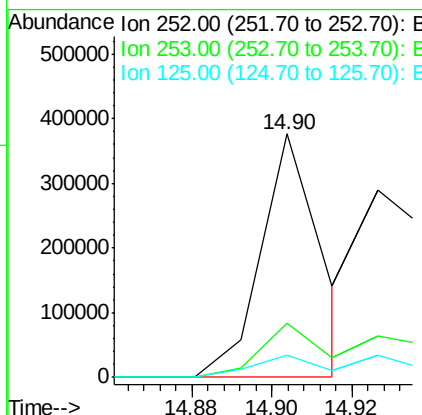
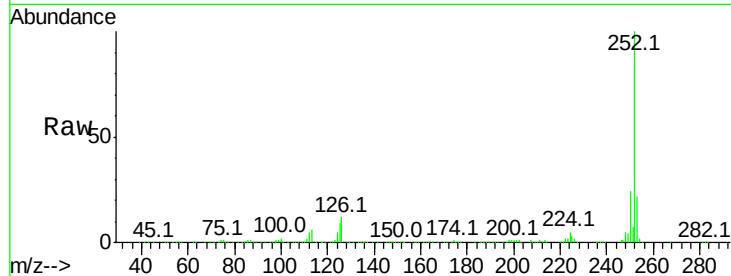




#87
Benzo(b)fluoranthene
Concen: 40.24 ng m
RT: 14.90 min Scan# 1117
Delta R.T. -0.05 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

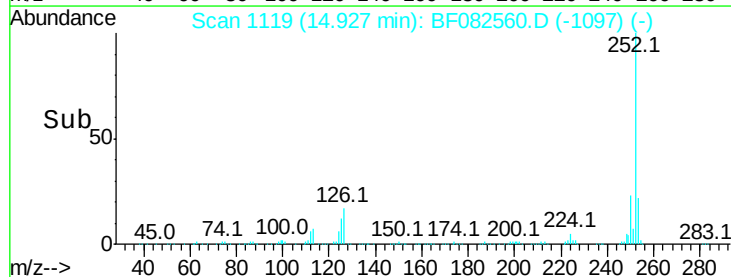
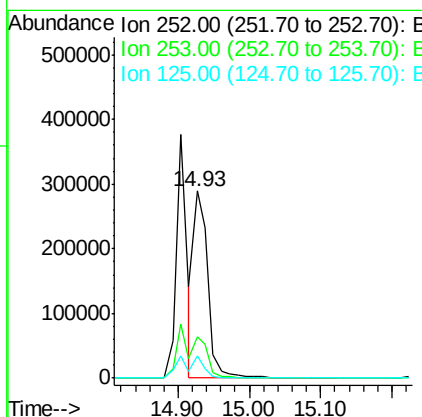
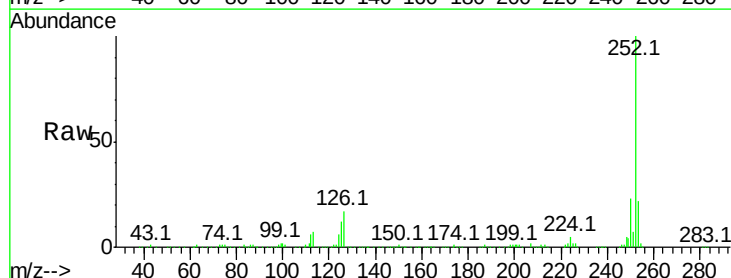
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

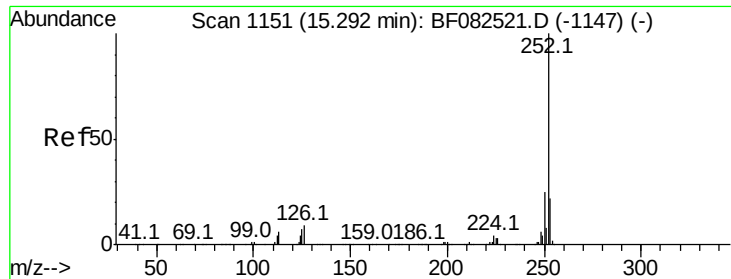
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.1	6.6	10.0



#88
Benzo(k)fluoranthene
Concen: 51.03 ng m
RT: 14.93 min Scan# 1119
Delta R.T. -0.05 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	12.0	8.7	13.1

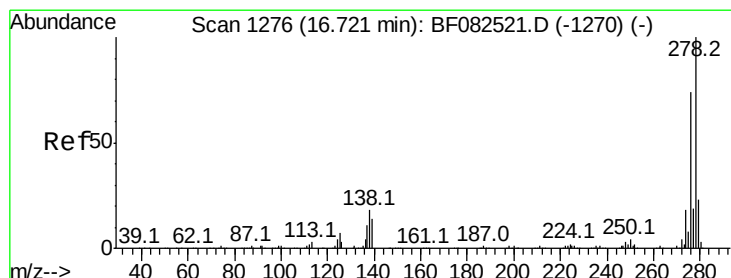
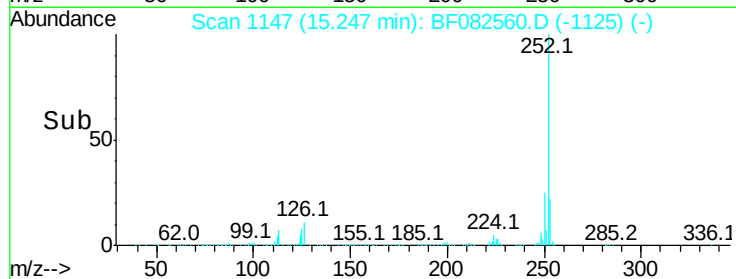
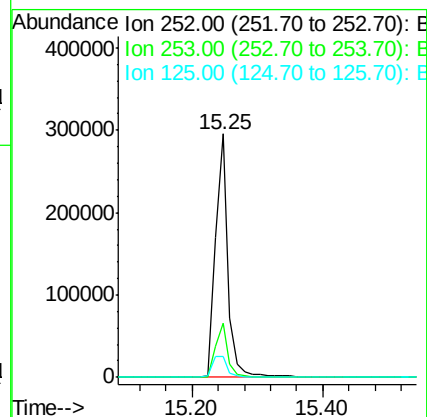
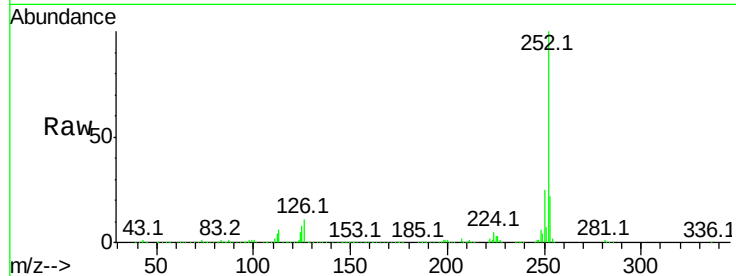




#89
Benzo(a)pyrene
Concen: 46.25 ng
RT: 15.25 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

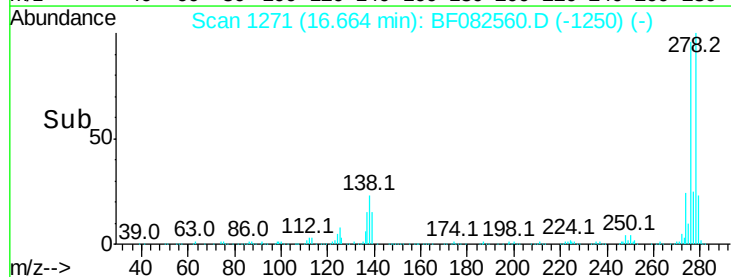
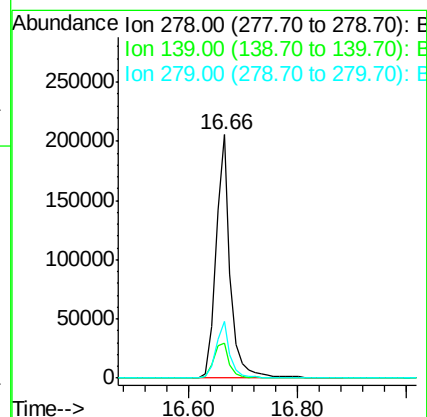
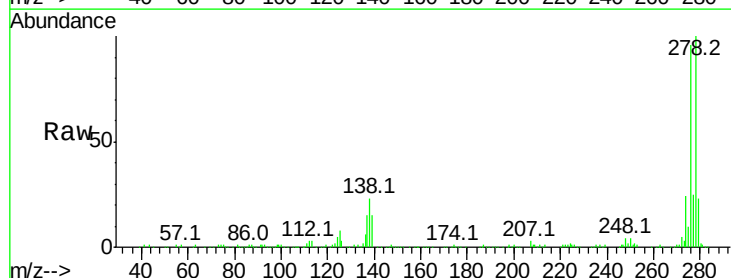
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

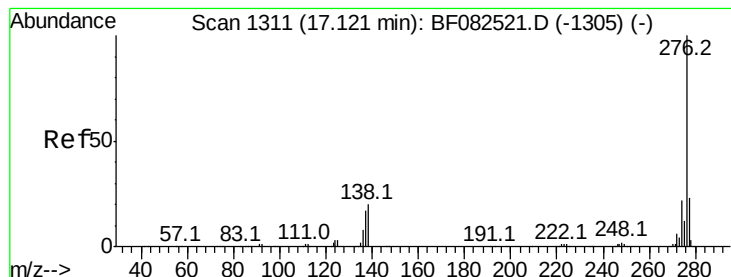
Tot Ion:252 Resp: 393555
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 8.5 5.9 8.9



#90
Dibenzo(a,h)anthracene
Concen: 53.22 ng
RT: 16.66 min Scan# 1271
Delta R.T. -0.06 min
Lab File: BF082560.D
Acq: 27 Oct 2015 21:42

Tgt Ion:278 Resp: 378918
Ion Ratio Lower Upper
278 100
139 14.5 11.6 17.4
279 23.2 18.7 28.1





#91
 Benzo(a,h,i)perylene
 Concen: 54.68 ng
 RT: 17.06 min Scan# 1306
 Delta R.T. -0.06 min
 Lab File: BF082560.D
 Acq: 27 Oct 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	20.6	16.0	24.0

