

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082278.D
 Acq On : 14 Oct 2015 14:33
 Operator : UM/IZ
 Sample : PB86108BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

Quant Time: Oct 15 01:45:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	94710	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	372649	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	197164	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	393602	20.00	ng	0.00
75) Chrysene-d12	14.05	240	358460	20.00	ng	-0.08
86) Perylene-d12	15.56	264	309747	20.00	ng	-0.18

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	496054	105.71	ng	0.01
7) Phenol-d6	6.47	99	675522	110.62	ng	0.00
23) Nitrobenzene-d5	7.39	82	399764	72.04	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	192538	104.13	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	835603	70.28	ng	-0.01
78) Terphenyl-d14	12.95	244	970607	71.75	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	60868	25.82	ng	93
3) Pyridine	3.15	79	170850	31.16	ng	96
4) n-Nitrosodimethylamine	3.12	42	71223	30.62	ng	97
6) Aniline	6.49	93	199578	25.35	ng	96
8) 2-Chlorophenol	6.61	128	195925	34.20	ng	87
9) Benzaldehyde	6.37	77	95922	30.76	ng	92
10) Phenol	6.48	94	249164	35.39	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	187316	31.46	ng	92
12) 1,3-Dichlorobenzene	6.99	146	213389	31.98	ng	97
13) 1,4-Dichlorobenzene	6.83	146	215015	30.86	ng	96
14) 1,2-Dichlorobenzene	6.99	146	220776	33.37	ng	94
15) Benzyl Alcohol	6.97	79	152180	36.10	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	285926	34.48	ng	99
17) 2-Methylphenol	7.09	107	156278	34.50	ng	99
18) Hexachloroethane	7.34	117	73922	31.00	ng	# 76
19) n-Nitroso-di-n-propylamine	7.25	70	139246	32.47	ng	# 91
20) 3+4-Methylphenols	7.25	107	196813	36.46	ng	# 85
22) Acetophenone	7.23	105	263437	35.74	ng	96
24) Nitrobenzene	7.42	77	204353	34.02	ng	# 88
25) Isophorone	7.66	82	377668	33.72	ng	95
26) 2-Nitrophenol	7.73	139	100656	33.56	ng	# 81
27) 2,4-Dimethylphenol	7.77	122	187448	38.79	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	217922	33.44	ng	98
29) 2,4-Dichlorophenol	7.98	162	177791	36.81	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	186744	33.54	ng	95
31) Naphthalene	8.14	128	561219	34.74	ng	99
32) Benzoic acid	7.89	122	70950	21.88	ng	97
33) 4-Chloroaniline	8.19	127	135584	20.21	ng	# 94
34) Hexachlorobutadiene	8.25	225	115609	33.32	ng	98
35) Caprolactam	8.56	113	51614	36.82	ng	# 73
36) 4-Chloro-3-methylphenol	8.67	107	177789	37.64	ng	100
37) 2-Methylnaphthalene	8.82	142	383179	34.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	206294	35.18	ng	99
40) Hexachlorocyclopentadiene	8.97	237	152680	54.42	ng	96

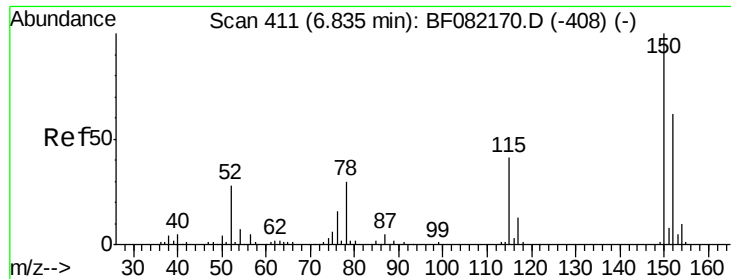
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082278.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	134976	34.65	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	146380	34.69	nq	97
45) 1,1'-Biphenyl	9.29	154	495753	32.97	nq	98
46) 2-Chloronaphthalene	9.31	162	382306	32.30	nq	94
47) 2-Nitroaniline	9.42	65	112516	34.63	nq	97
48) Acenaphthylene	9.74	152	656124	35.59	nq	99
49) Dimethylphthalate	9.60	163	480241	34.59	nq	100
50) 2,6-Dinitrotoluene	9.67	165	111553	38.08	nq	# 85
51) Acenaphthene	9.91	154	383658	34.66	nq	98
52) 3-Nitroaniline	9.83	138	71012	21.46	nq	# 73
53) 2,4-Dinitrophenol	9.94	184	91361	57.74	nq	95
54) Dibenzofuran	10.08	168	575095	37.84	nq	100
55) 4-Nitrophenol	10.01	139	146379	68.09	nq	83
56) 2,4-Dinitrotoluene	10.07	165	139282	38.04	nq	98
57) Fluorene	10.42	166	463394	37.13	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.19	232	122450	35.52	nq	99
59) Diethylphthalate	10.30	149	464984	35.93	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	199624	34.92	nq	99
61) 4-Nitroaniline	10.46	138	110824	34.53	nq	97
62) Azobenzene	10.57	77	447619	35.34	nq	99
64) 4,6-Dinitro-2-methylphenol	10.48	198	73385	33.22	nq	99
65) n-Nitrosodiphenylamine	10.54	169	400109	33.95	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	127069	32.26	nq	95
67) Hexachlorobenzene	10.97	284	144323	33.88	nq	96
68) Atrazine	11.06	200	129101	34.58	nq	98
69) Pentachlorophenol	11.17	266	150922	68.85	nq	97
70) Phenanthrene	11.38	178	653511	33.87	nq	100
71) Anthracene	11.44	178	763786	38.42	nq	100
72) Carbazole	11.60	167	655550	36.15	nq	98
73) Di-n-butylphthalate	11.92	149	759096	33.93	nq	100
74) Fluoranthene	12.57	202	695030	33.54	nq	96
76) Benzidine	12.71	184	344868	33.20	nq	99
77) Pyrene	12.80	202	768857	36.14	nq	99
79) Butylbenzylphthalate	13.44	149	347145	35.76	nq	# 85
80) Benzo(a)anthracene	14.04	228	666219	35.72	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	168795	23.84	nq	# 99
82) Chrysene	14.07	228	660515	33.61	nq	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	462217	33.37	nq	# 97
84) Di-n-octyl phthalate	14.69	149	735527	30.92	nq	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	520480	33.32	nq	100
87) Benzo(b)fluoranthene	15.17	252	1238895	65.74	nq	# 97
88) Benzo(k)fluoranthene	15.17	252	1240070	78.29	nq	99
89) Benzo(a)pyrene	15.50	252	578549	35.72	nq	# 96
90) Dibenzo(a,h)anthracene	17.01	278	434016	32.70	nq	# 96
91) Benzo(g,h,i)perylene	17.42	276	424655	32.94	nq	97

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

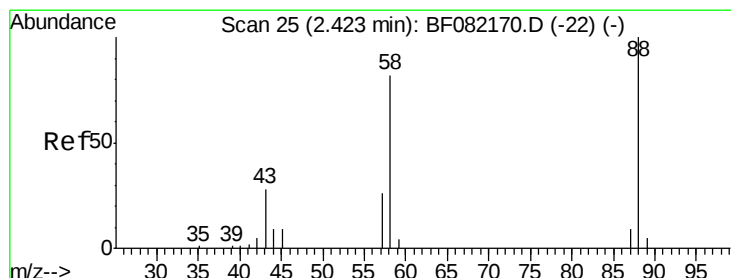
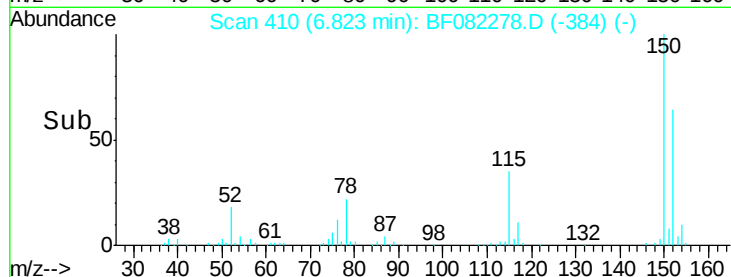
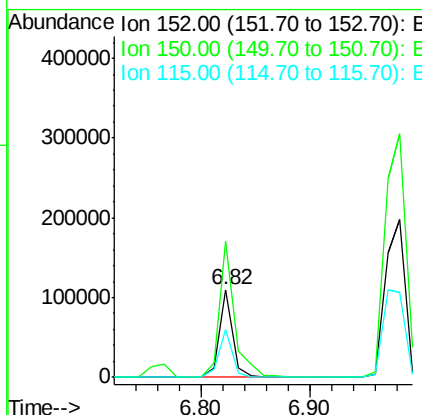
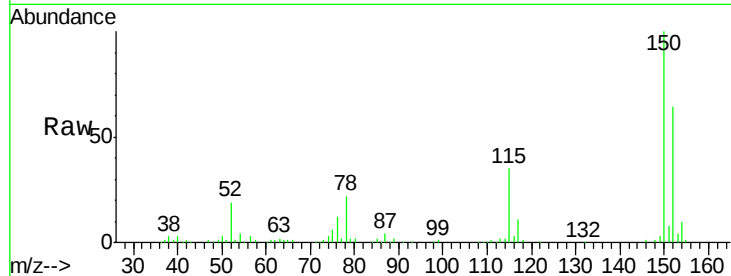


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Instrument :
BNA_F
ClientSampleId :
PB86108BS

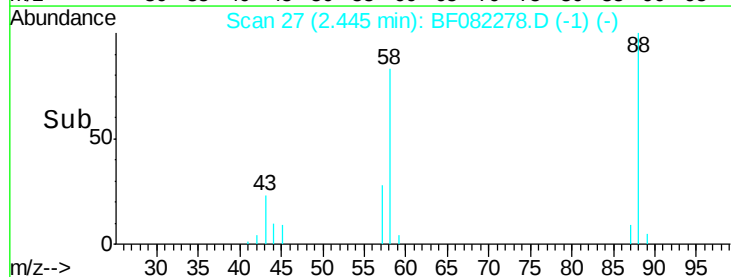
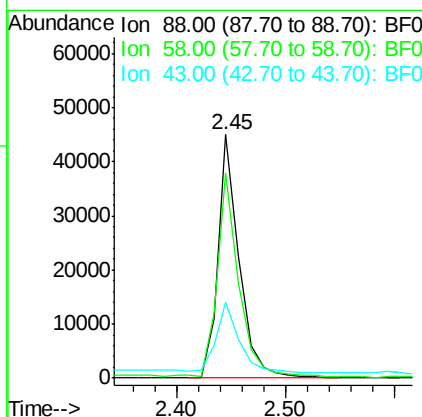
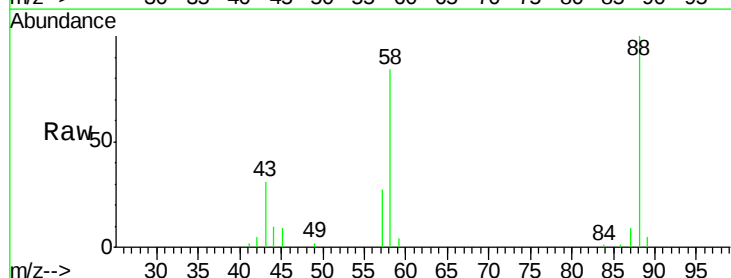
Tot Ion:152 Resp: 94710
Ion Ratio Lower Upper
152 100
150 155.8 129.0 193.4
115 54.4 52.1 78.1

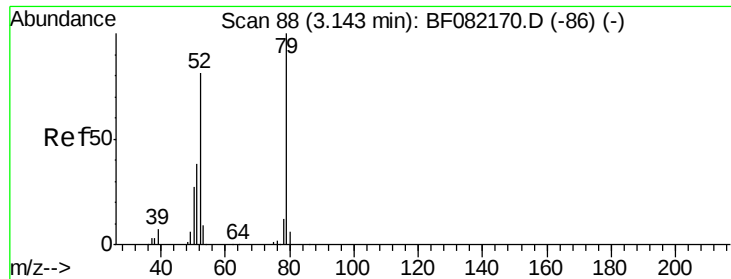


#2

1,4-Dioxane
Concen: 25.82 ng
RT: 2.45 min Scan# 27
Delta R.T. 0.09 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion: 88 Resp: 60868
Ion Ratio Lower Upper
88 100
58 89.6 66.2 99.4
43 31.8 23.0 34.4

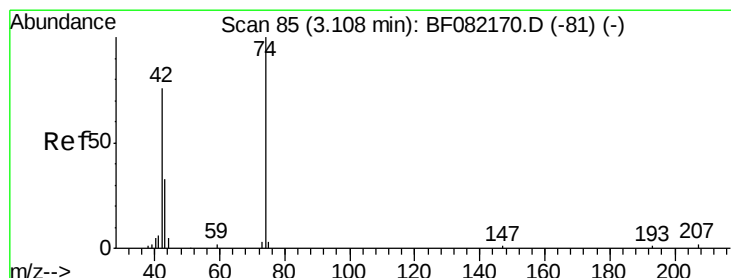
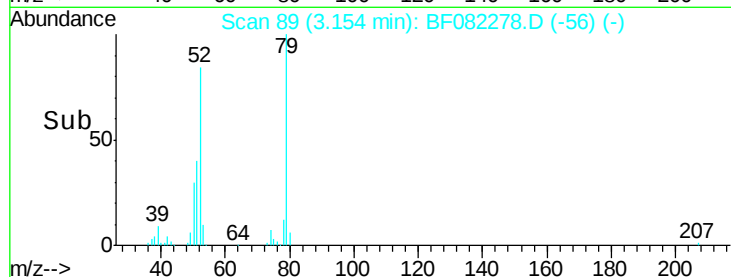
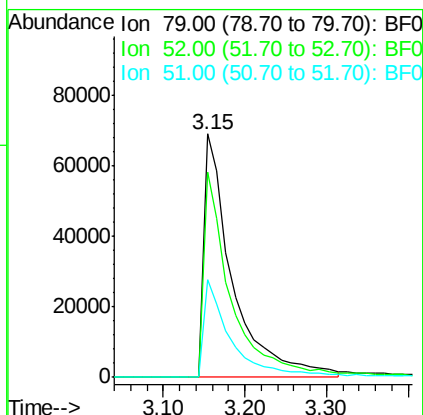
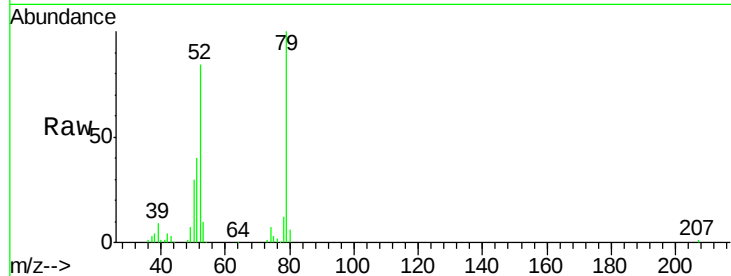




#3
 Pvridine
 Concen: 31.16 ng
 RT: 3.15 min Scan# 89
 Delta R.T. 0.08 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

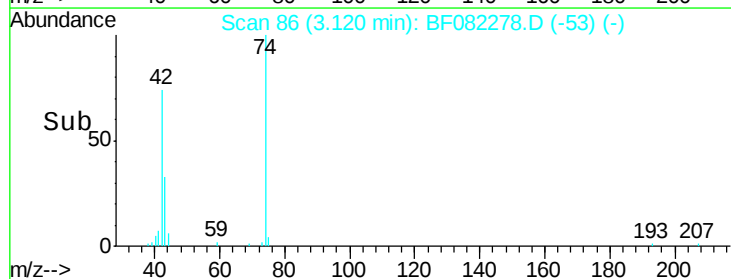
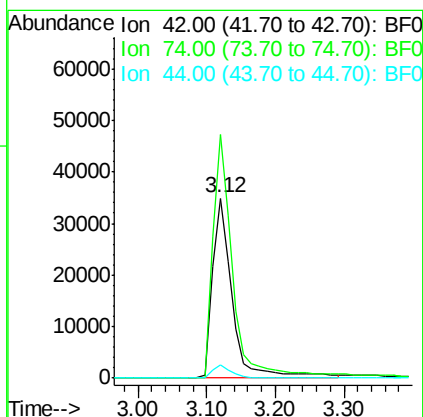
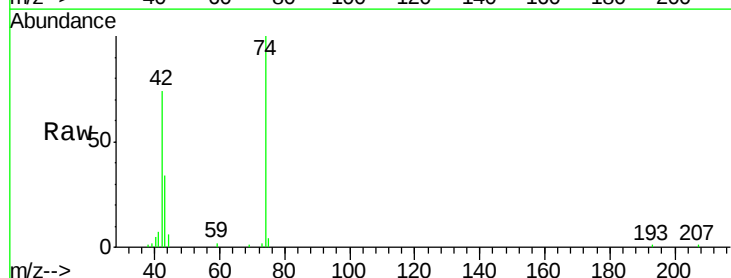
Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

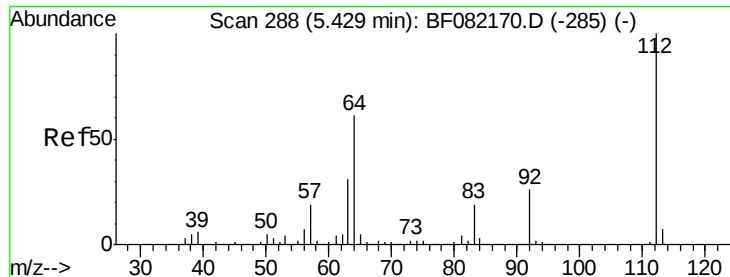
Tot Ion: 79 Resp: 170850
 Ion Ratio Lower Upper
 79 100
 52 84.1 64.4 96.6
 51 40.0 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 30.62 ng
 RT: 3.12 min Scan# 86
 Delta R.T. 0.08 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion: 42 Resp: 71223
 Ion Ratio Lower Upper
 42 100
 74 135.4 105.7 158.5
 44 7.6 5.4 8.2





#5

2-Fluorophenol

Concen: 105.71 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

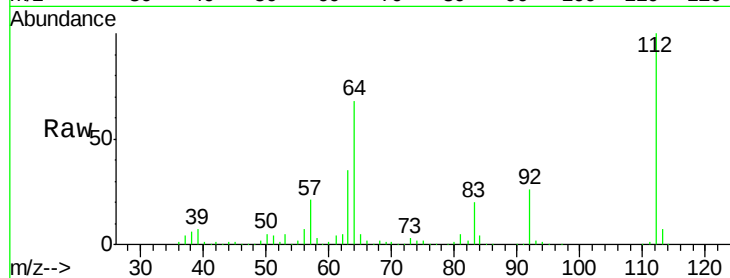
Tot Ion:112 Resp: 496054

Ion Ratio Lower Upper

112 100

64 67.7 48.6 73.0

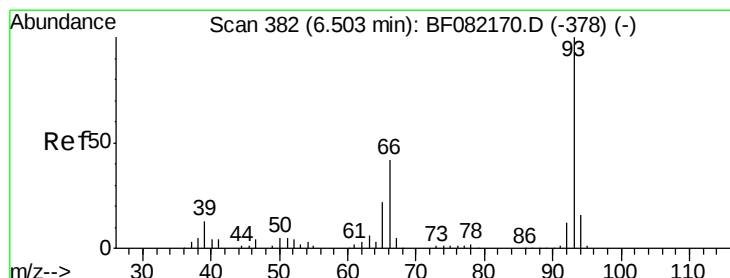
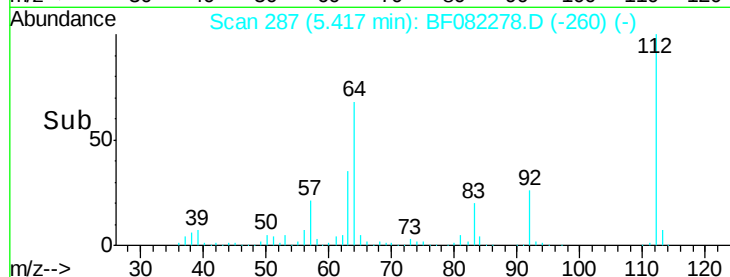
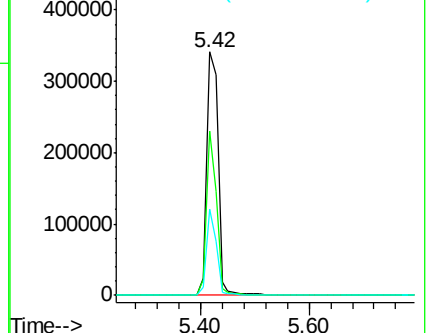
63 35.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.35 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

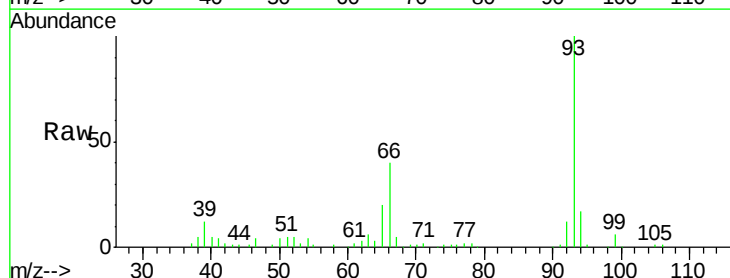
Tgt Ion: 93 Resp: 199578

Ion Ratio Lower Upper

93 100

66 39.9 34.2 51.2

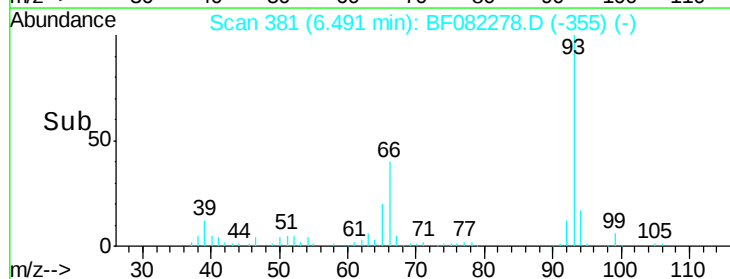
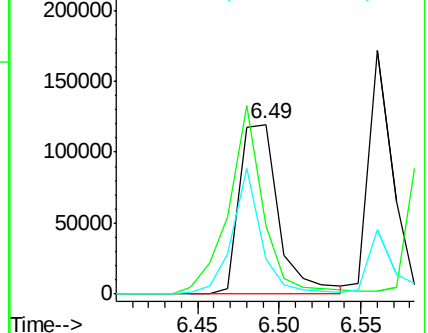
65 20.2 17.9 26.9

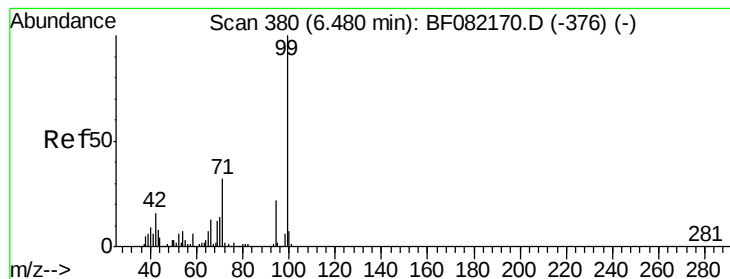


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.62 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

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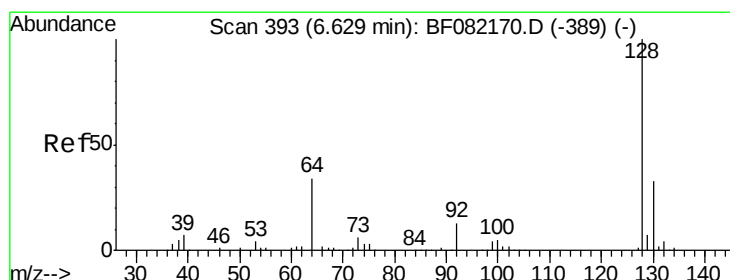
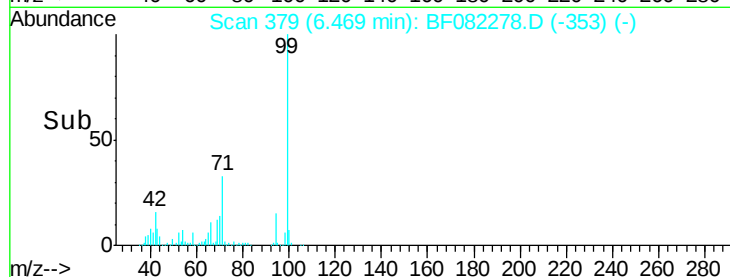
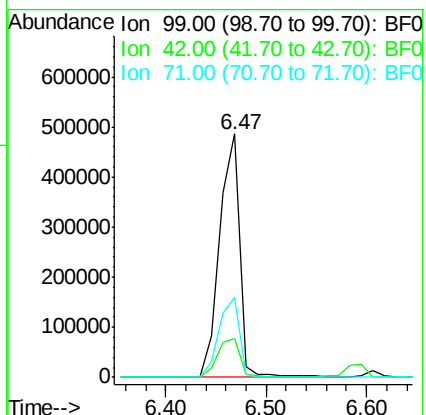
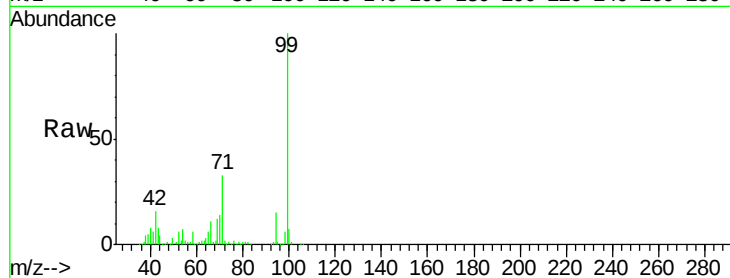
Tot Ion: 99 Resp: 675522

Ion Ratio Lower Upper

99 100

42 16.2 13.2 19.8

71 32.6 25.6 38.4



#8

2-Chlorophenol

Concen: 34.20 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

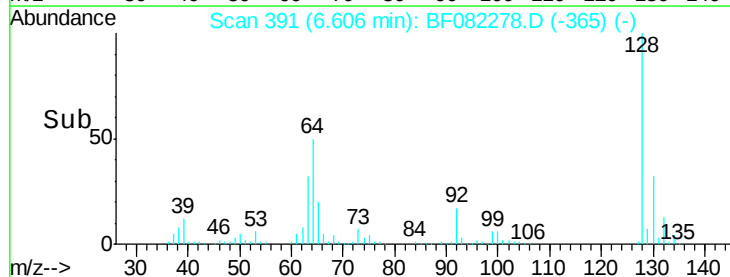
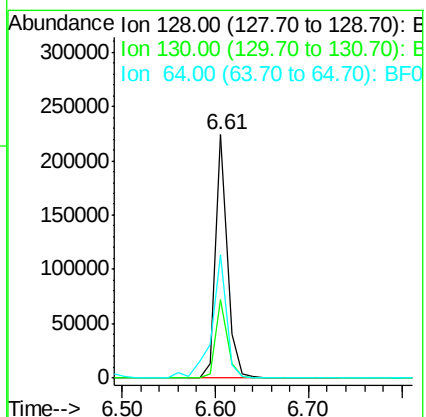
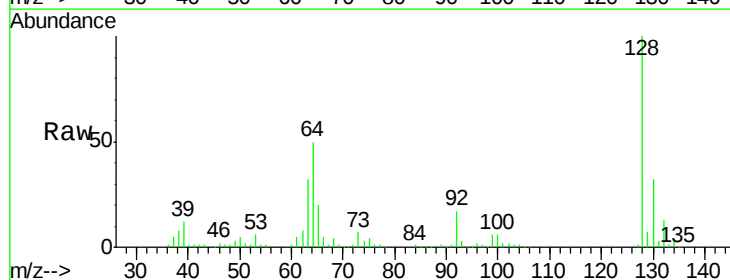
Tgt Ion: 128 Resp: 195925

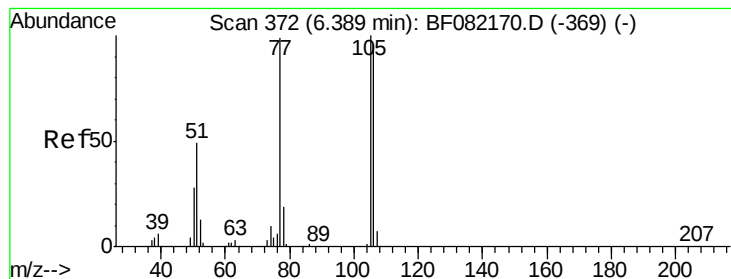
Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

64 50.4 16.7 56.7





#9

Benzaldehyde

Concen: 30.76 ng

RT: 6.37 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

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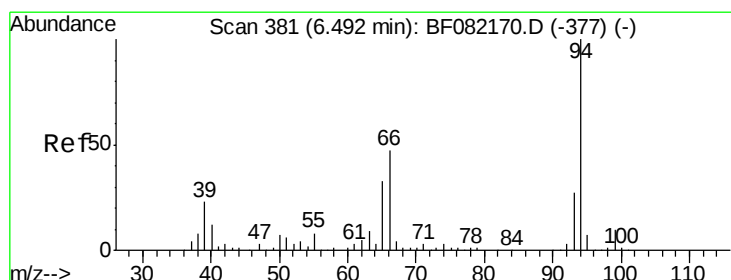
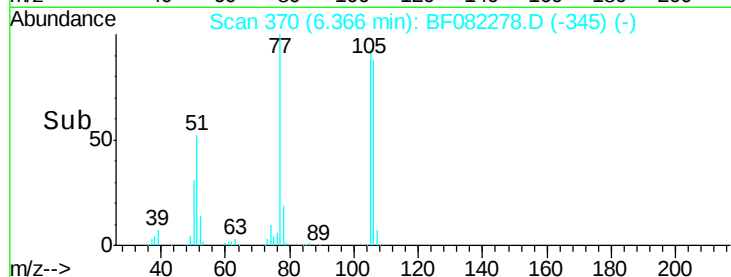
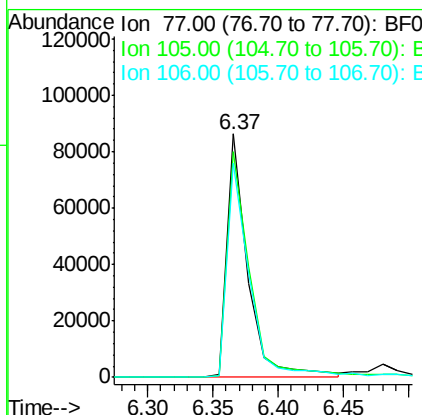
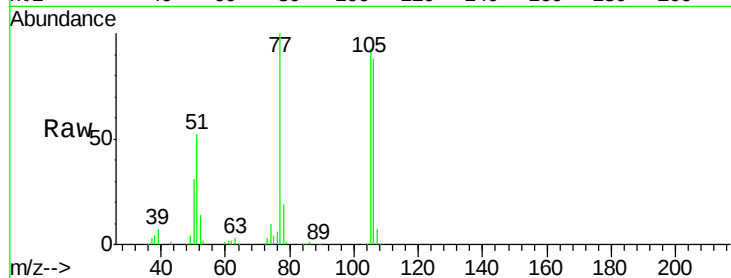
Tot Ion: 77 Resp: 95922

Ion Ratio Lower Upper

77 100

105 92.7 80.6 120.6

106 88.2 75.5 115.5



#10

Phenol

Concen: 35.39 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

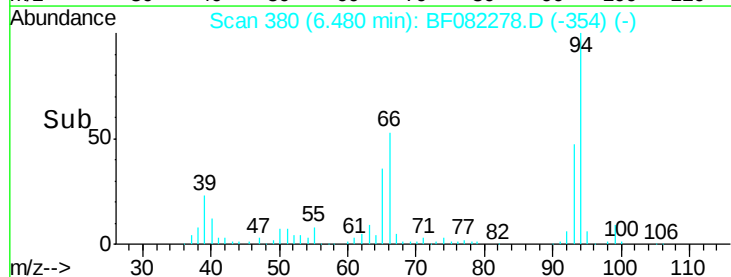
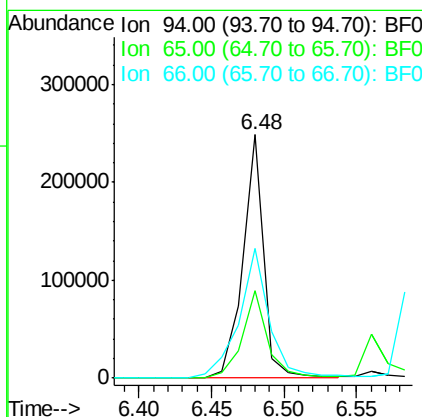
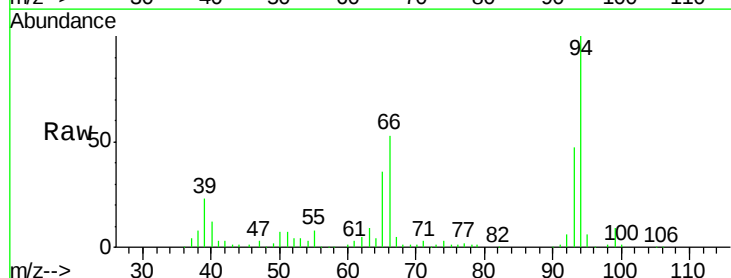
Tgt Ion: 94 Resp: 249164

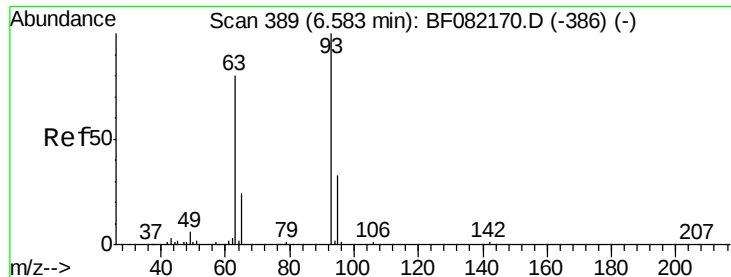
Ion Ratio Lower Upper

94 100

65 35.8 12.6 52.6

66 53.4 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 31.46 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

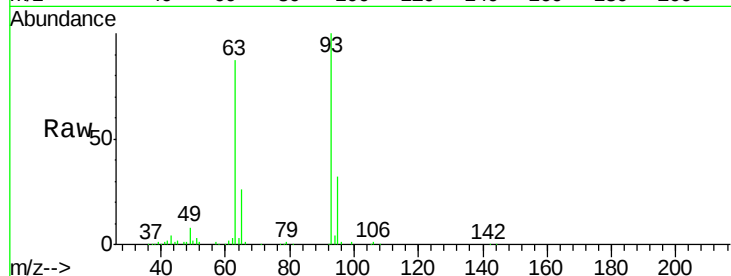
Tot Ion: 93 Resp: 187316

Ion Ratio Lower Upper

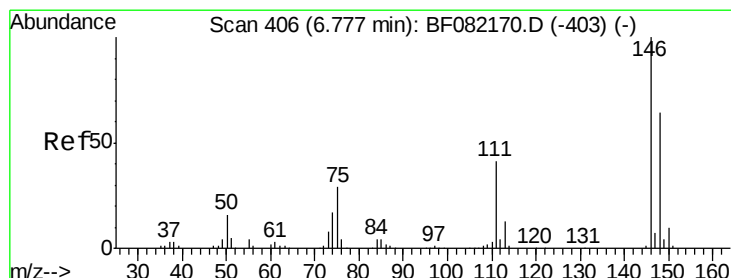
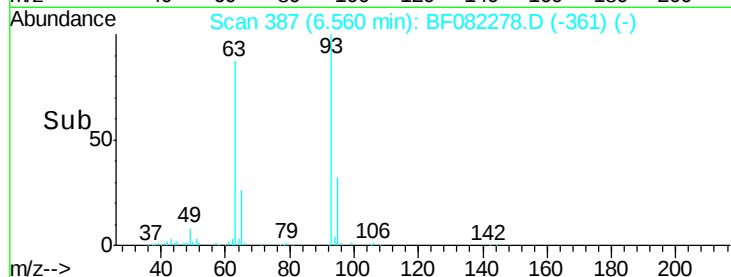
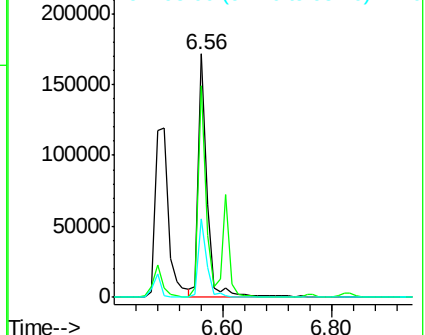
93 100

63 86.8 57.1 97.1

95 32.0 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 31.98 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.23 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

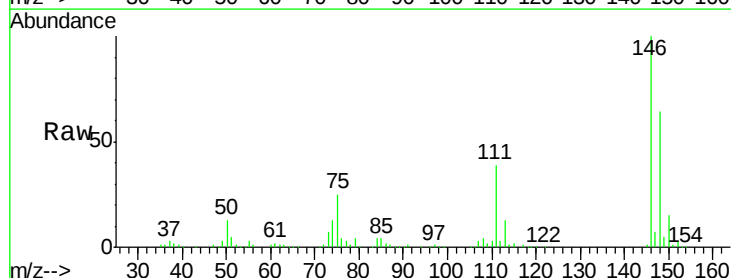
Tgt Ion: 146 Resp: 213389

Ion Ratio Lower Upper

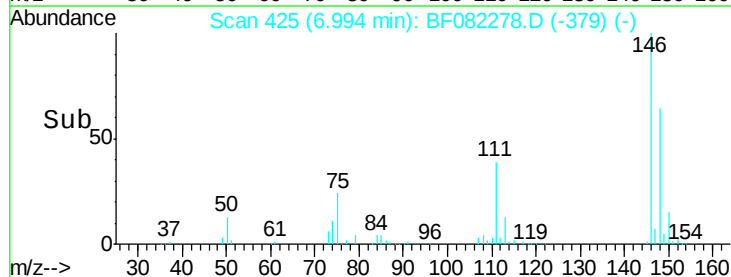
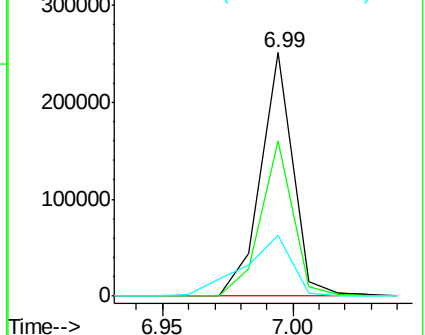
146 100

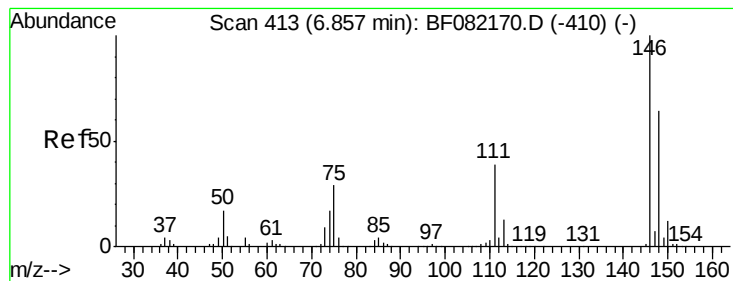
148 63.6 51.4 77.2

75 24.7 23.0 34.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 30.86 ng

RT: 6.83 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

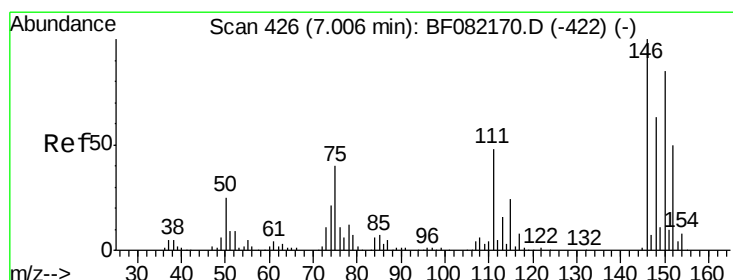
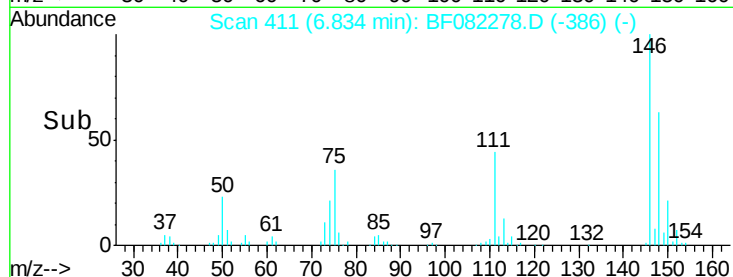
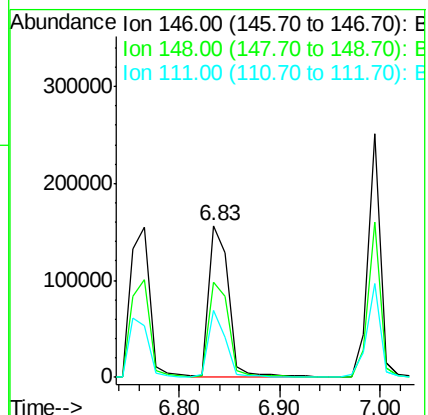
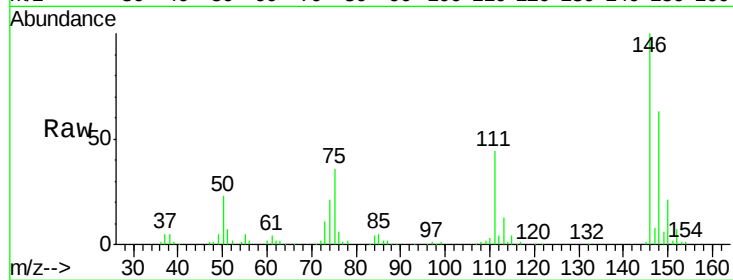
Tot Ion:146 Resp: 215015

Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.4

111 44.1 31.1 46.7



#14

1,2-Dichlorobenzene

Concen: 33.37 ng

RT: 6.99 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

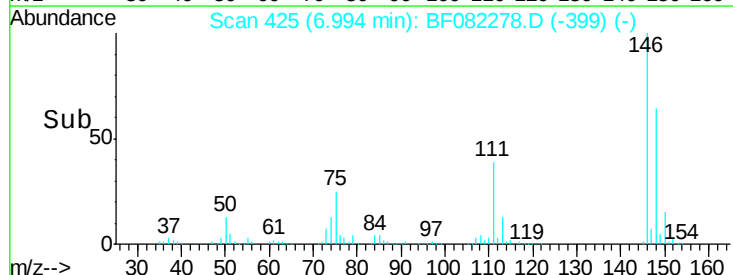
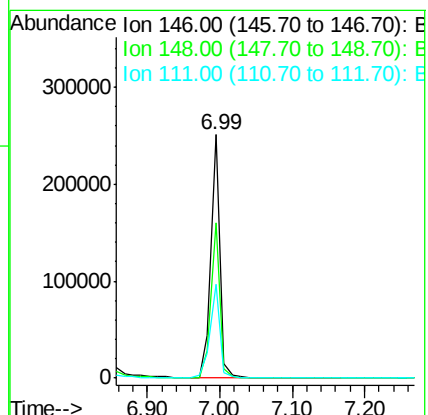
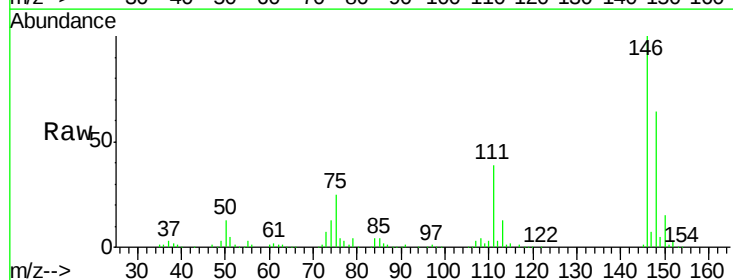
Tgt Ion:146 Resp: 220776

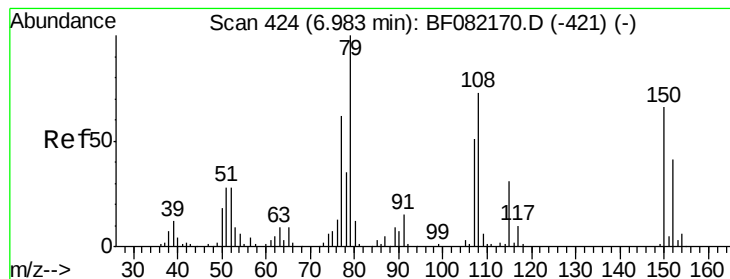
Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

111 38.6 38.5 57.7





#15

Benzyl Alcohol

Concen: 36.10 ng

RT: 6.97 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

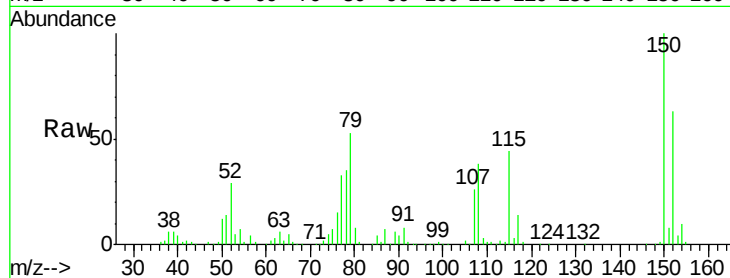
Tot Ion: 79 Resp: 152180

Ion Ratio Lower Upper

79 100

108 71.9 58.4 87.6

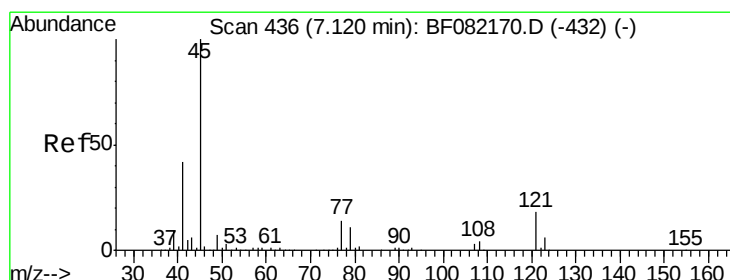
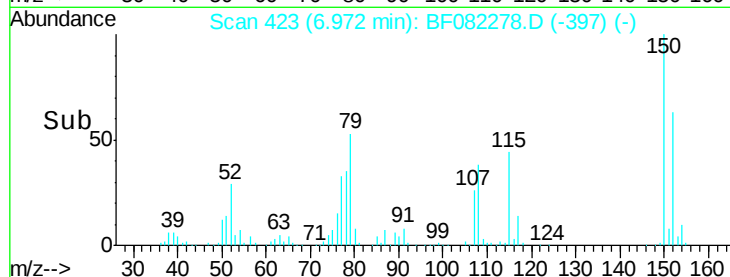
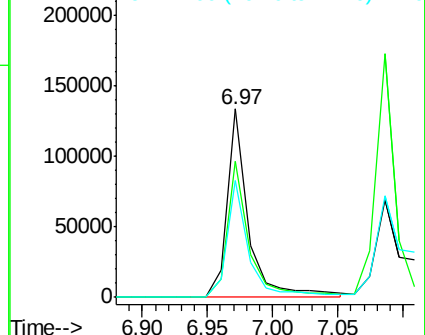
77 62.4 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.48 ng

RT: 7.11 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

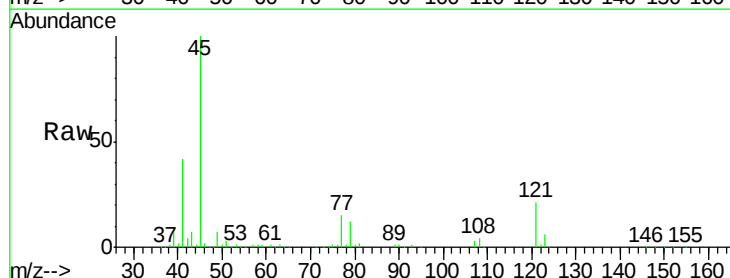
Tgt Ion: 45 Resp: 285926

Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.5

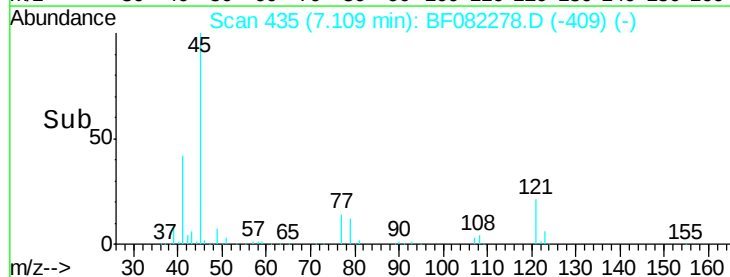
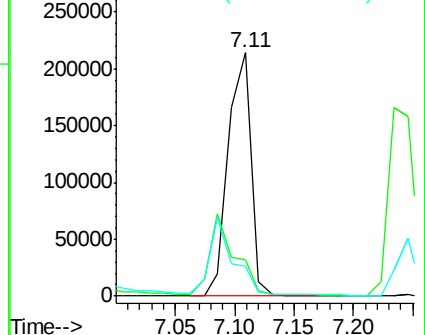
79 12.2 0.0 31.6

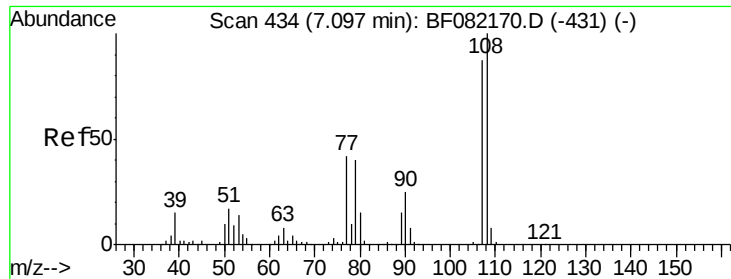


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

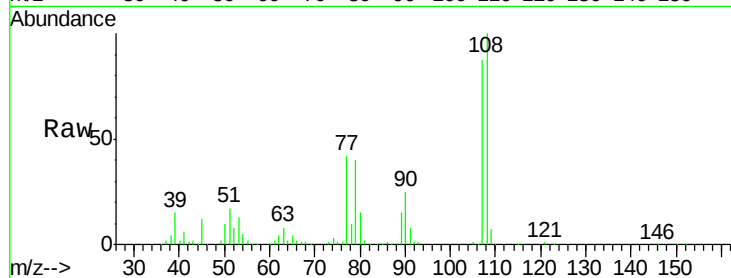




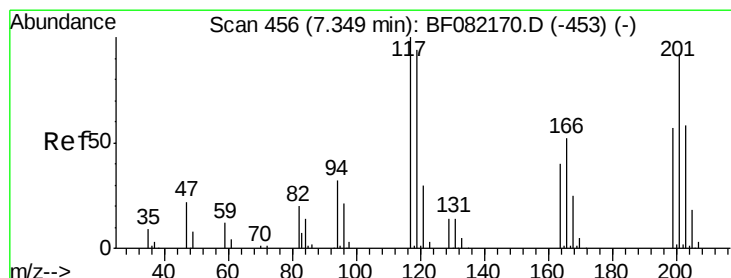
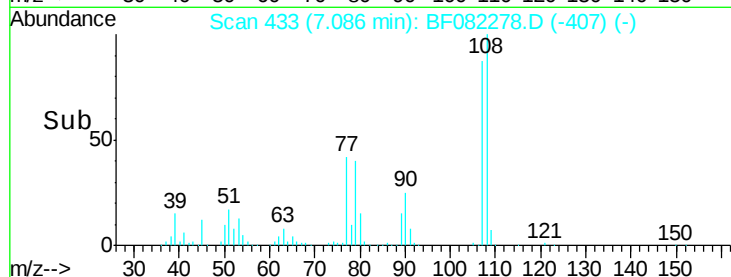
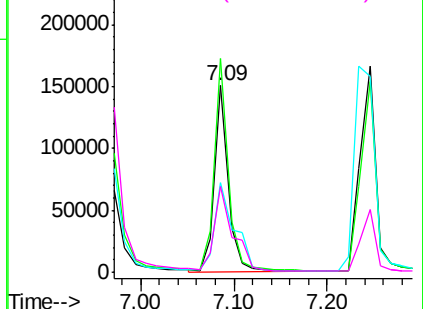
#17
2-Methylphenol
Concen: 34.50 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Instrument :
BNA_F
ClientSampleId :
PB86108BS

Tot Ion:	107	Resp:	156278
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.2	138.2
77	47.9	39.6	59.4
79	46.2	38.2	57.4

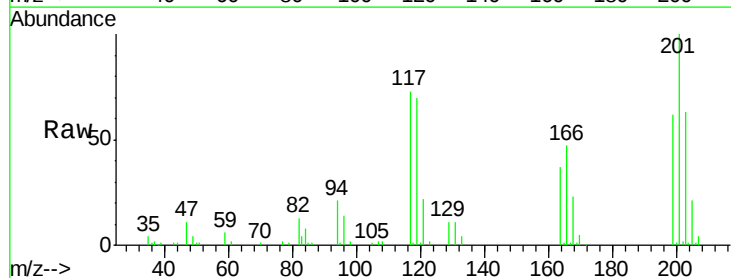


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

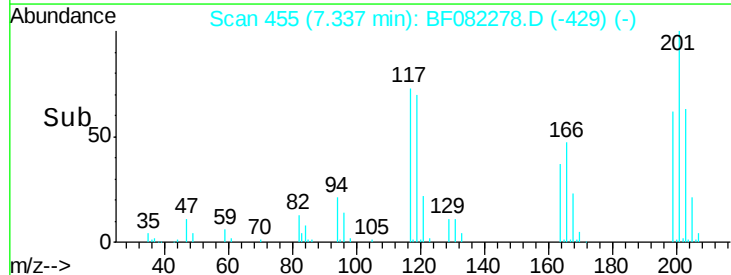
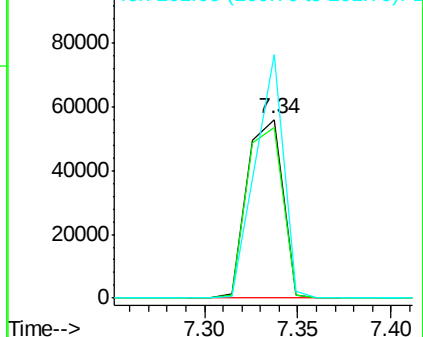


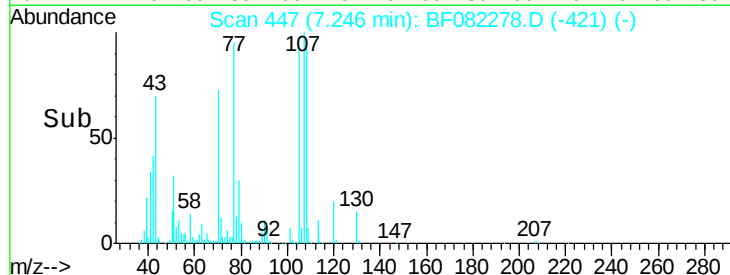
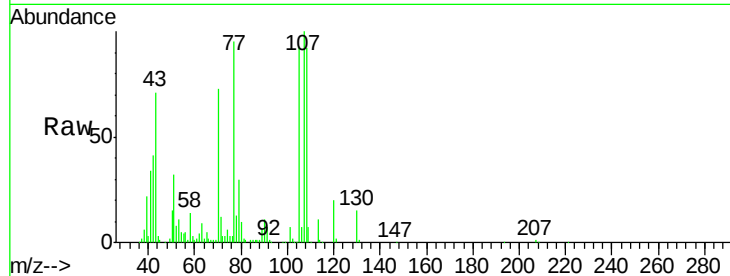
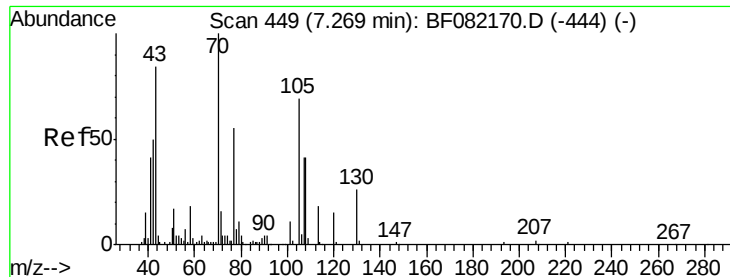
#18
Hexachloroethane
Concen: 31.00 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion:	117	Resp:	73922
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.4	113.2
201	136.5	73.4	110.0#



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

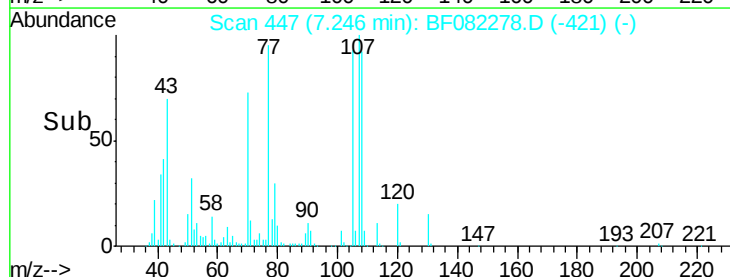
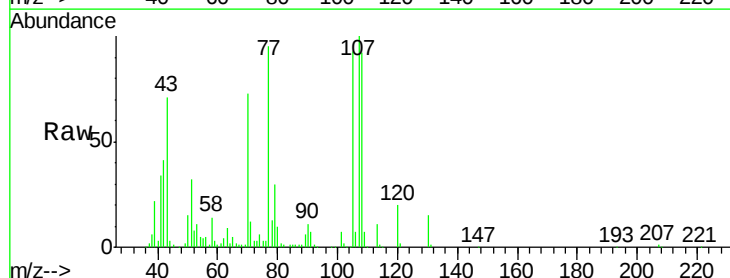
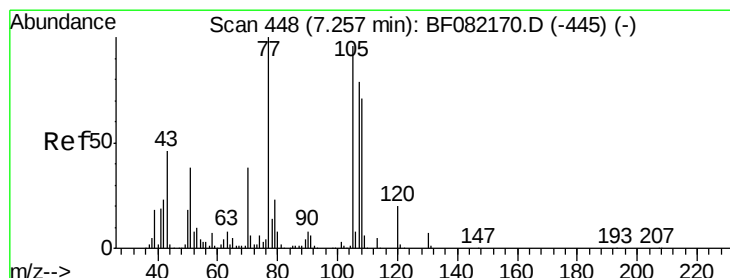
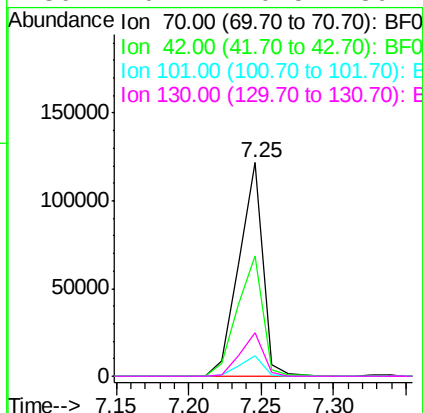




#19
n-Nitroso-di-n-propylamine
Concen: 32.47 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

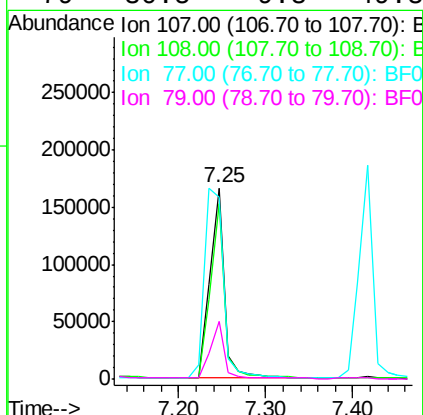
Instrument :
BNA_F
ClientSampleId :
PB86108BS

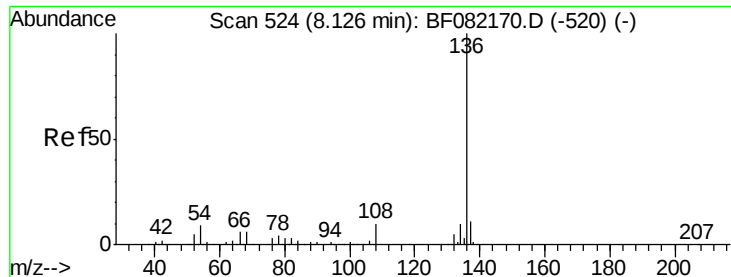
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.2	39.8	59.8	
101	9.7	8.6	13.0	
130	20.2	20.5	30.7#	



#20
3+4-Methylphenols
Concen: 36.46 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.0	69.9	109.9	
77	95.0	106.0	146.0#	
79	30.5	9.8	49.8	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

Tot Ion:136 Resp: 372649

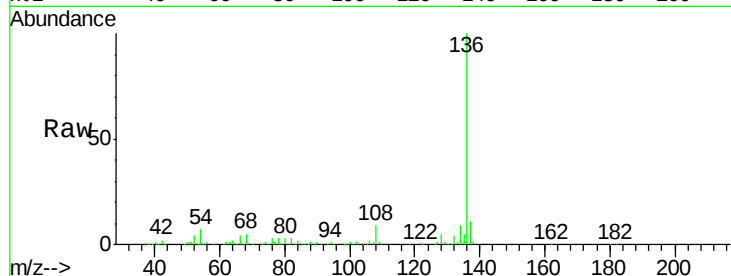
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.8 7.5 11.3#

68 4.6 4.6 7.0#

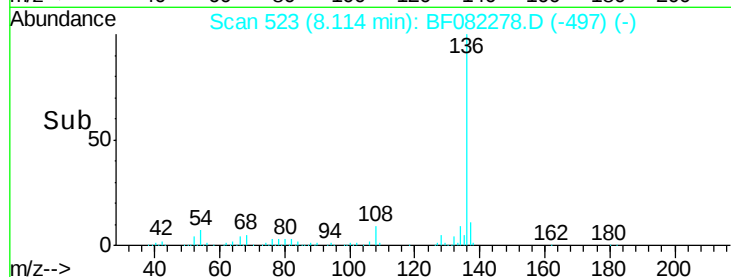


Abundance Ion 136.00 (135.70 to 136.70): E

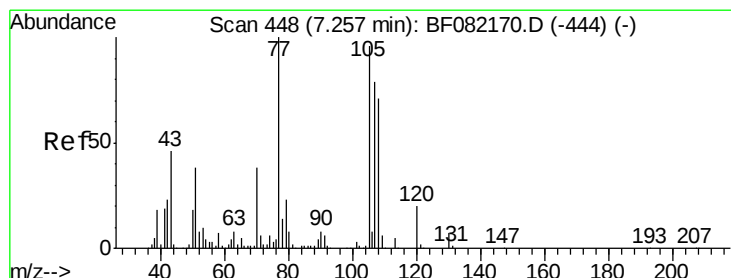
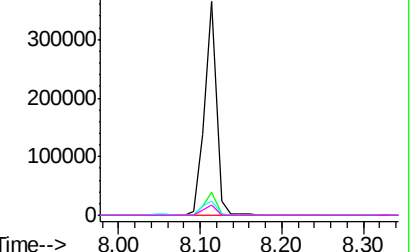
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 35.74 ng

RT: 7.23 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Tgt Ion:105 Resp: 263437

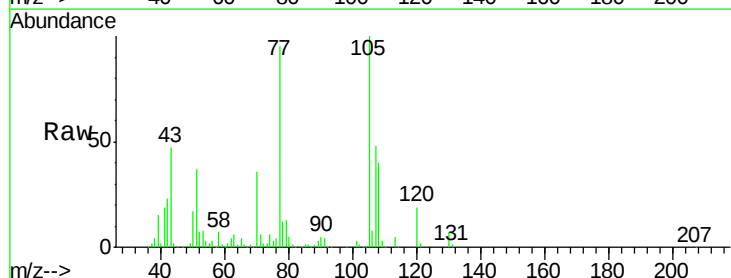
Ion Ratio Lower Upper

105 100

71 6.0 5.4 8.0

51 36.7 31.8 47.6

120 19.3 16.3 24.5

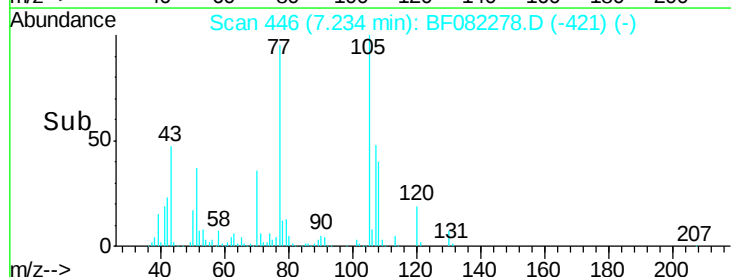


Abundance Ion 105.00 (104.70 to 105.70): E

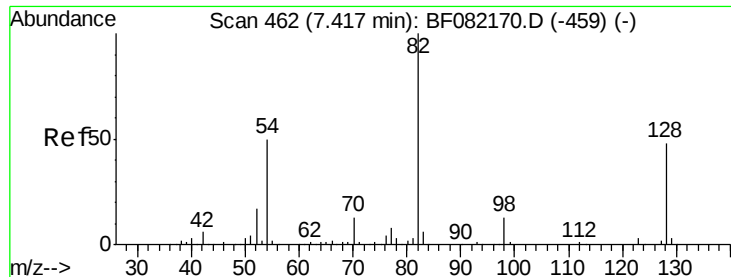
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



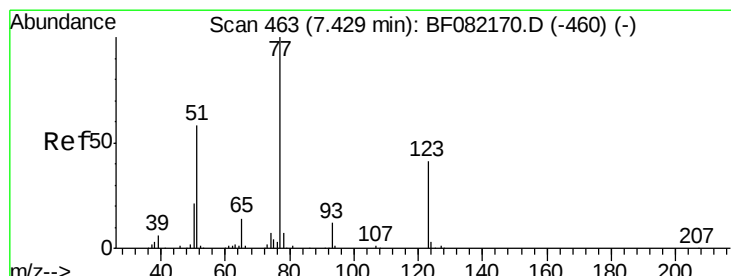
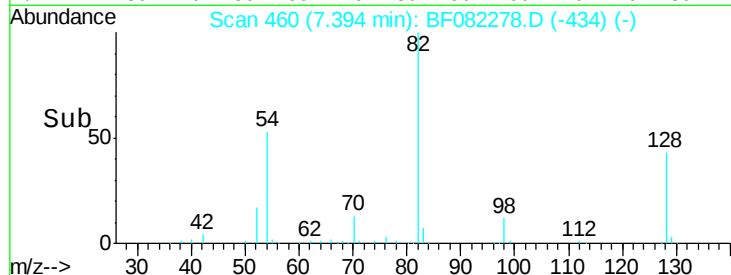
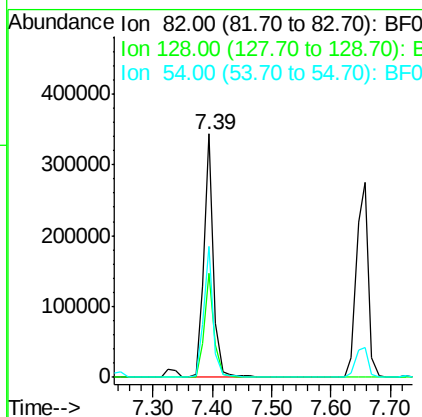
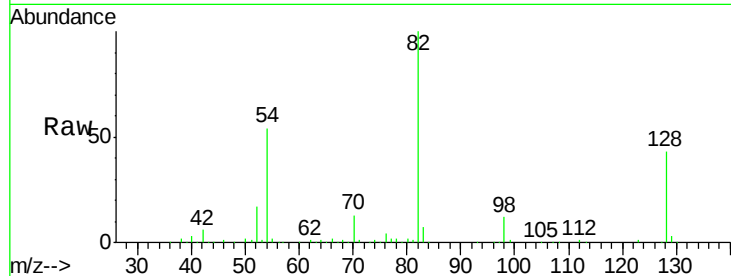
Time-->



#23
 Nitrobenzene-d5
 Concen: 72.04 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

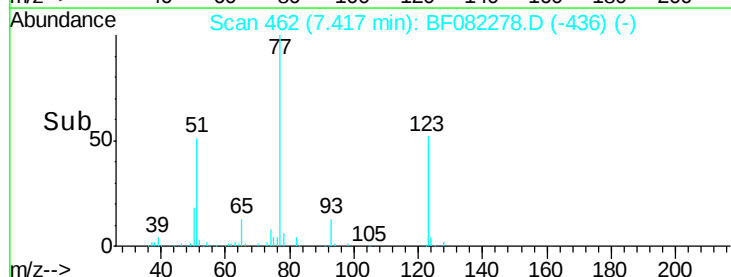
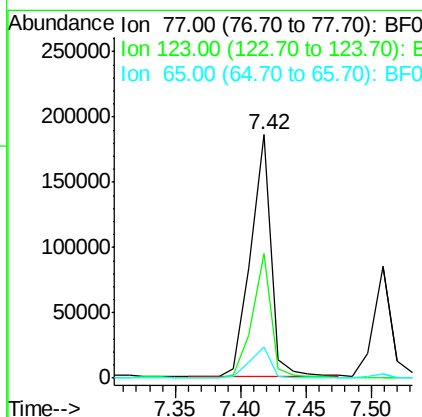
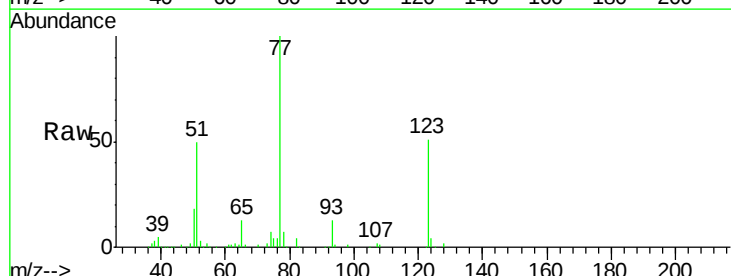
Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

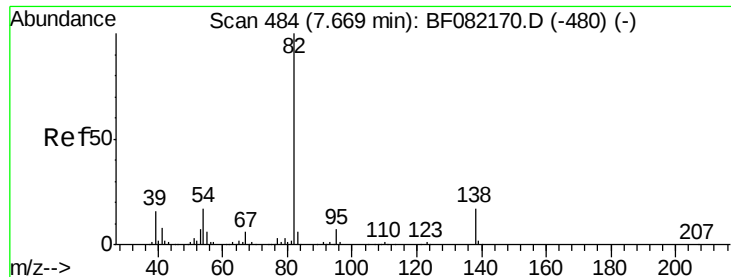
Tot Ion: 82 Resp: 399764
 Ion Ratio Lower Upper
 82 100
 128 42.8 38.7 58.1
 54 53.7 40.1 60.1



#24
 Nitrobenzene
 Concen: 34.02 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion: 77 Resp: 204353
 Ion Ratio Lower Upper
 77 100
 123 51.0 33.0 49.4#
 65 12.9 11.2 16.8





#25

Isophorone

Concen: 33.72 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

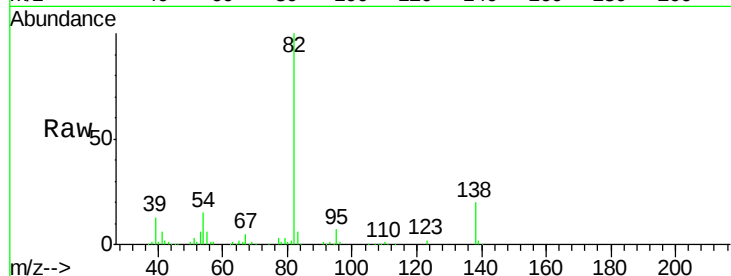
Tot Ion: 82 Resp: 377668

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

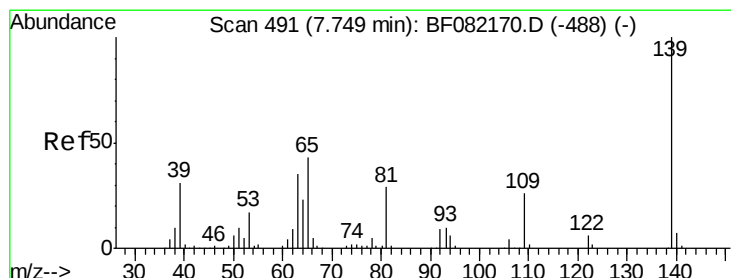
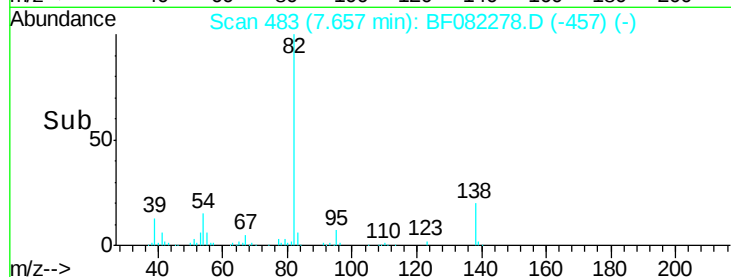
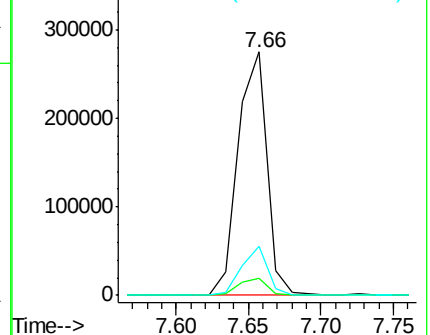
138 20.2 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 33.56 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

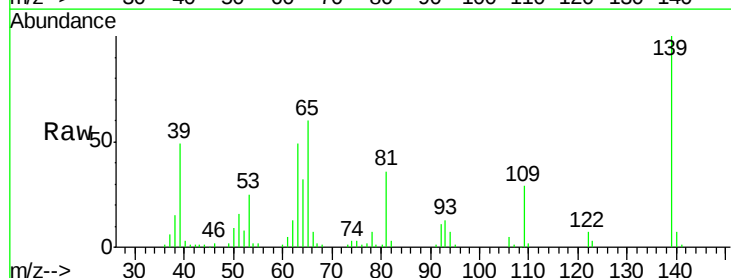
Tgt Ion: 139 Resp: 100656

Ion Ratio Lower Upper

139 100

109 29.2 20.6 31.0

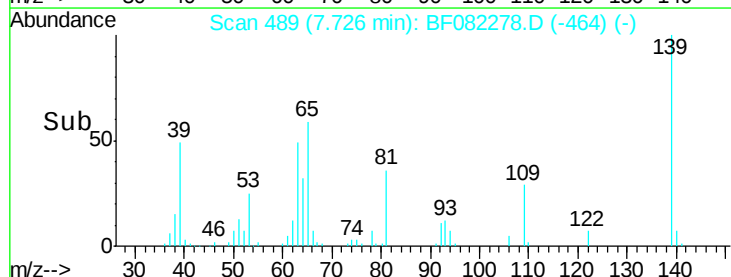
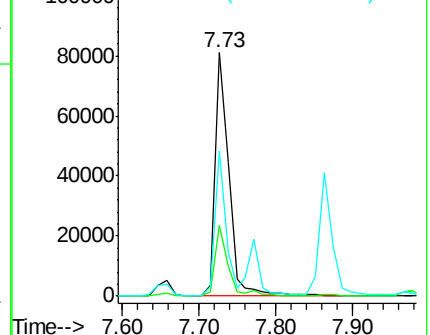
65 59.8 34.3 51.5#

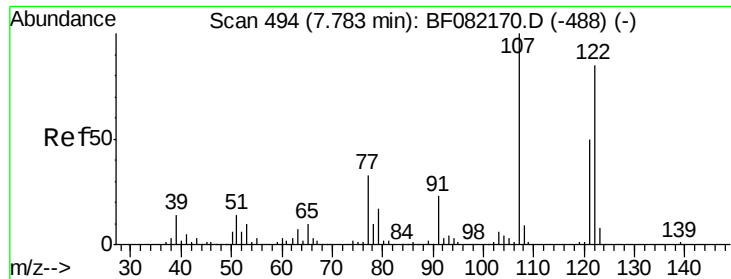


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

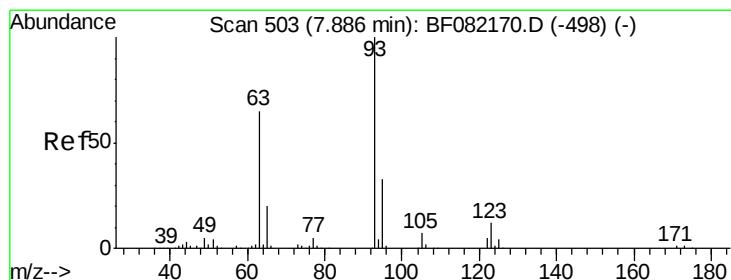
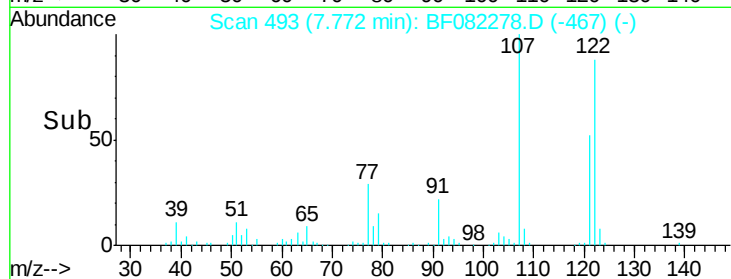
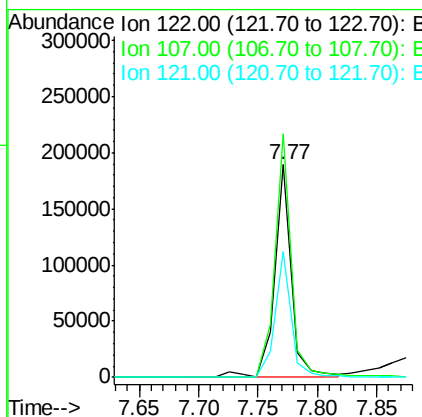
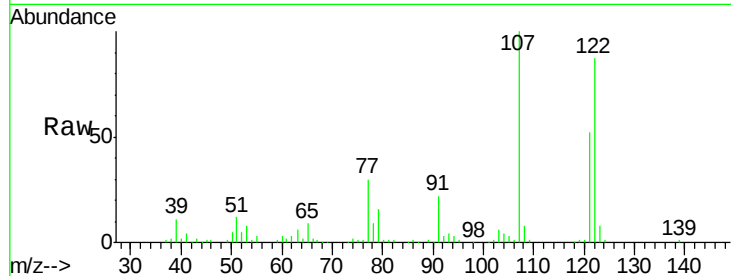




#27
 2,4-Dimethylphenol
 Concen: 38.79 ng
 RT: 7.77 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

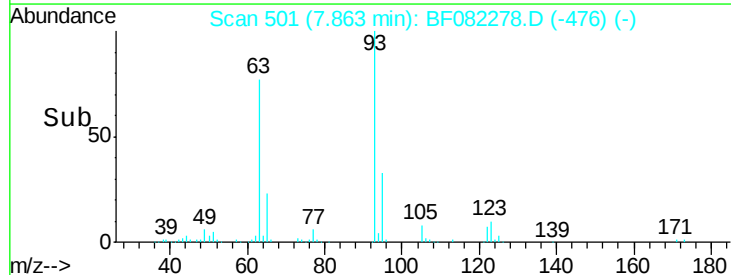
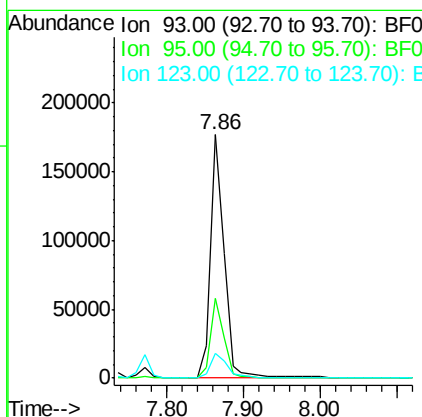
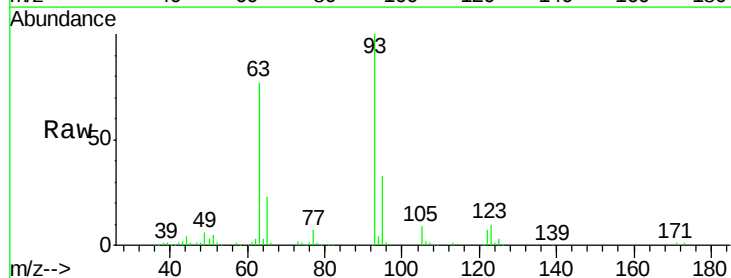
Instrument :
 BNA_F
 ClientSampleID :
 PB86108BS

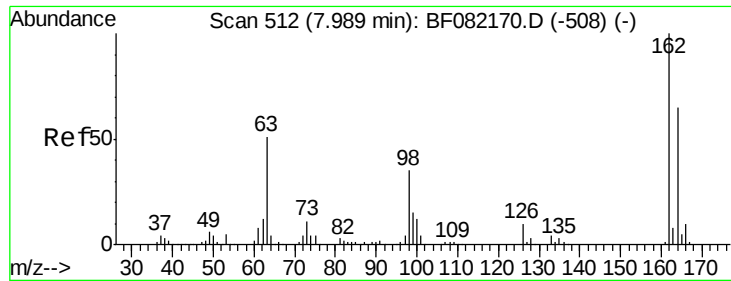
Tot Ion:122 Resp: 187448
 Ion Ratio Lower Upper
 122 100
 107 114.6 94.0 141.0
 121 59.2 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.44 ng
 RT: 7.86 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion: 93 Resp: 217922
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.6 39.8
 123 10.0 9.5 14.3

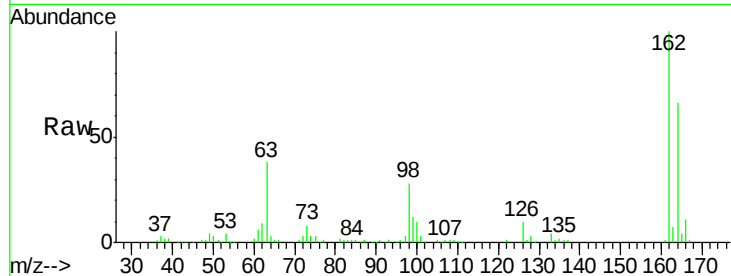




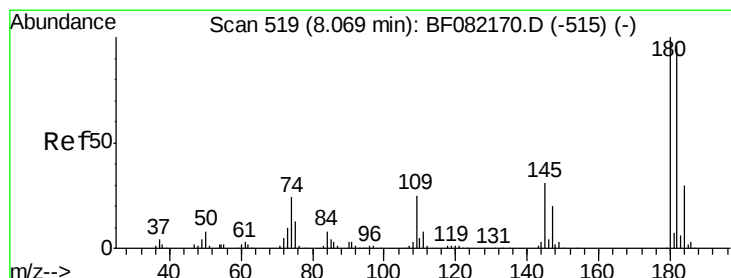
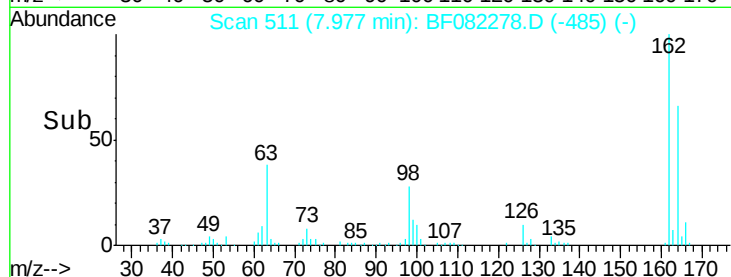
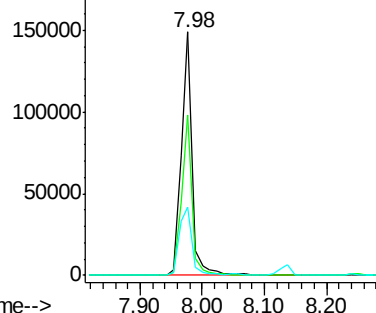
#29
 2,4-Dichlorophenol
 Concen: 36.81 ng
 RT: 7.98 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.6	84.6
98	28.3	15.0	55.0

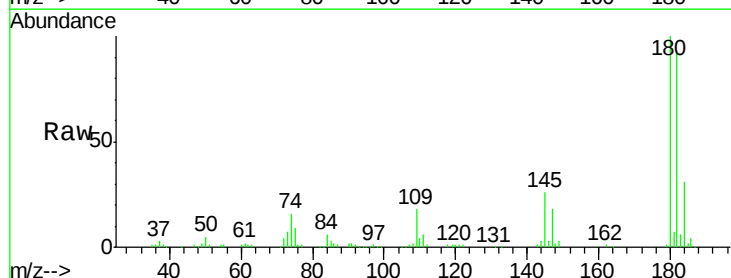


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

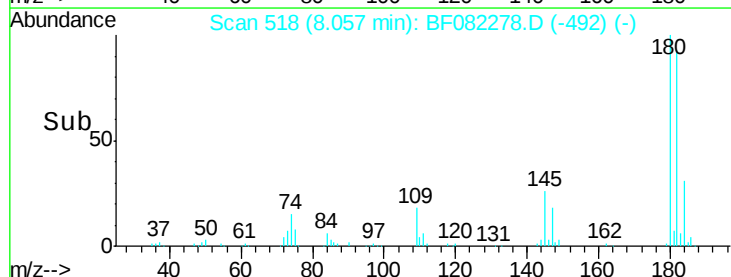
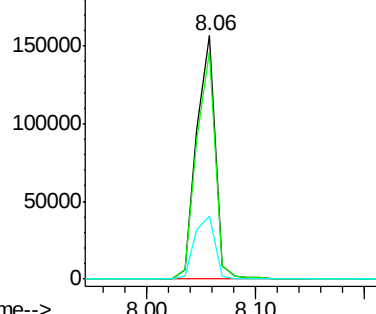


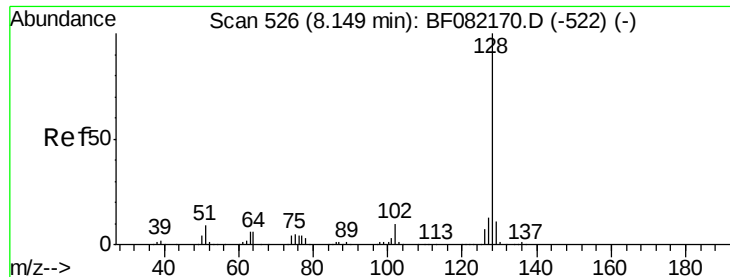
#30
 1,2,4-Trichlorobenzene
 Concen: 33.54 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.0	115.4
145	26.2	25.0	37.4



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

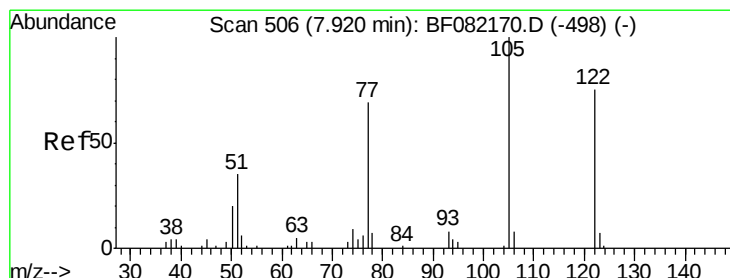
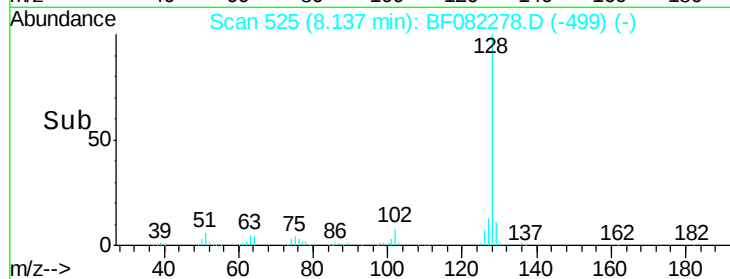
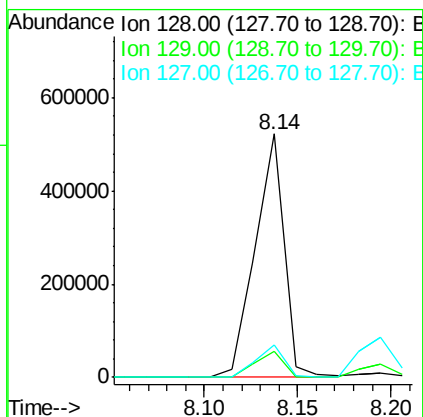
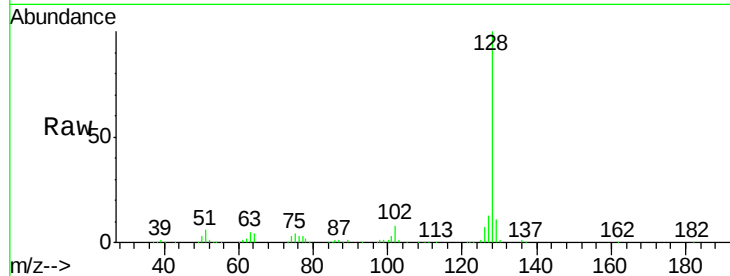




#31
Naphthalene
Concen: 34.74 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

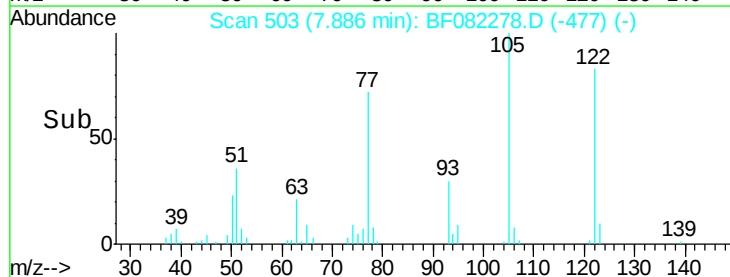
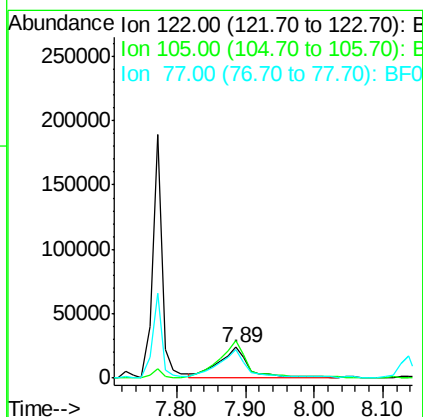
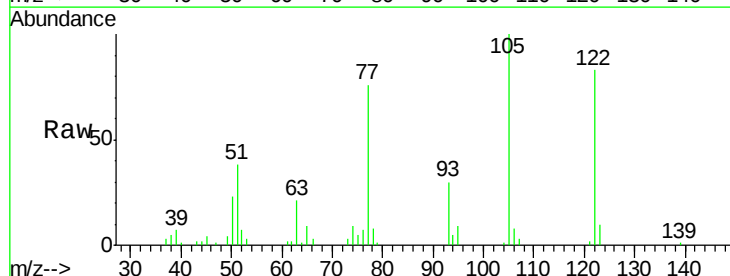
Instrument :
BNA_F
ClientSampleId :
PB86108BS

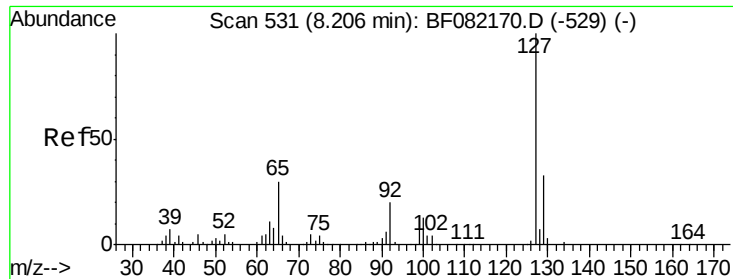
Tot Ion:128 Resp: 561219
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 21.88 ng
RT: 7.89 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion:122 Resp: 70950
Ion Ratio Lower Upper
122 100
105 120.5 104.4 144.4
77 91.8 69.0 109.0

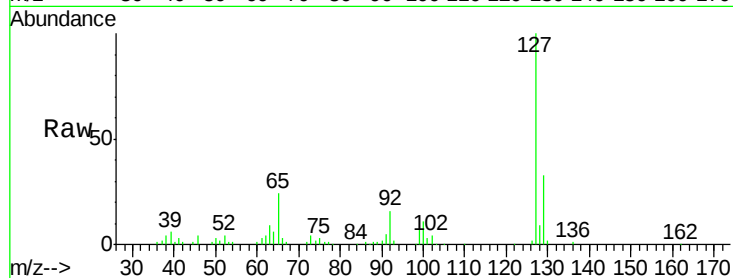




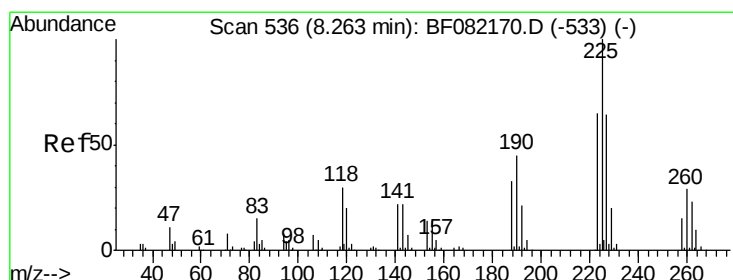
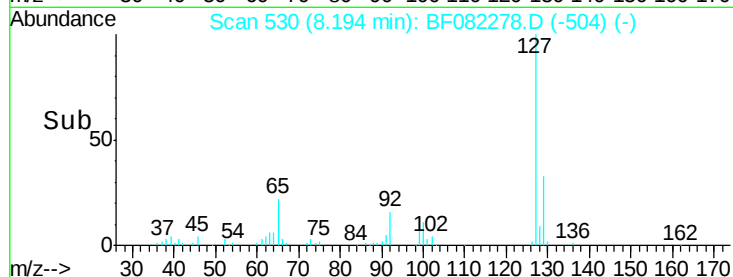
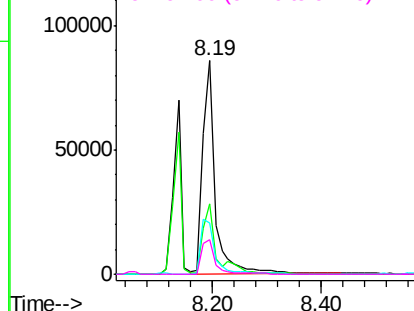
#33
4-Chloroaniline
Concen: 20.21 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Instrument :
BNA_F
ClientSampleId :
PB86108BS

Tot Ion:	127	Resp:	135584
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	24.1	24.4	36.6
92	16.3	15.7	23.5

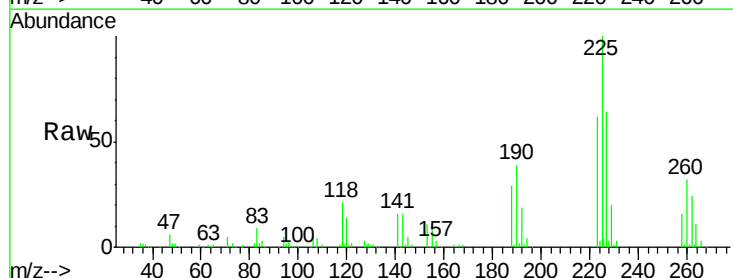


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

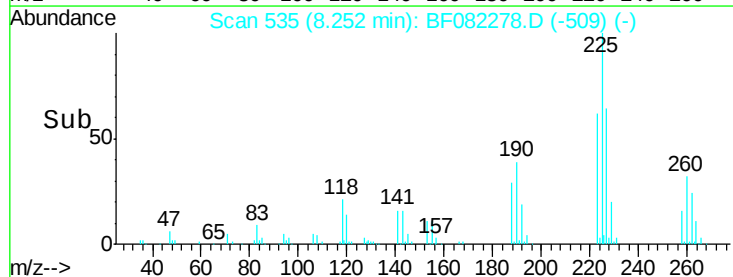
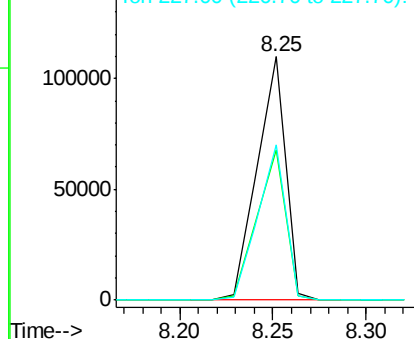


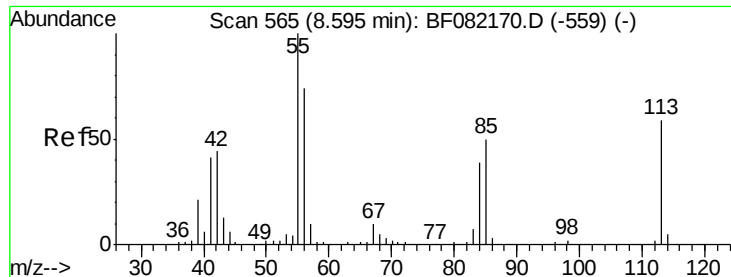
#34
Hexachlorobutadiene
Concen: 33.32 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion:	225	Resp:	115609
Ion	Ratio	Lower	Upper
225	100		
223	61.7	52.2	78.2
227	63.8	51.3	76.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.82 ng

RT: 8.56 min Scan# 562

Delta R.T. -0.02 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

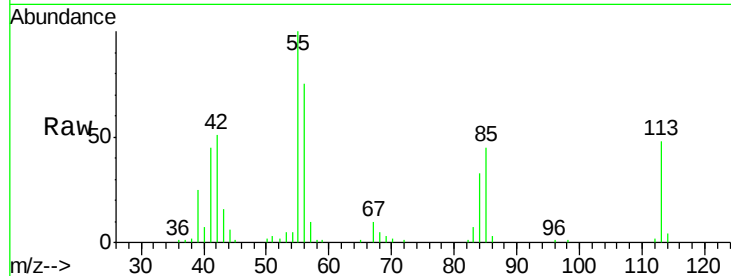
Tot Ion:113 Resp: 51614

Ion Ratio Lower Upper

113 100

55 207.5 149.7 189.7#

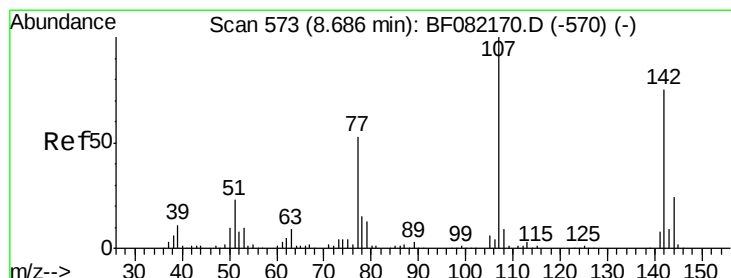
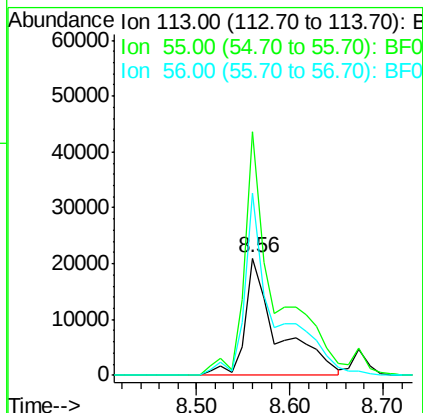
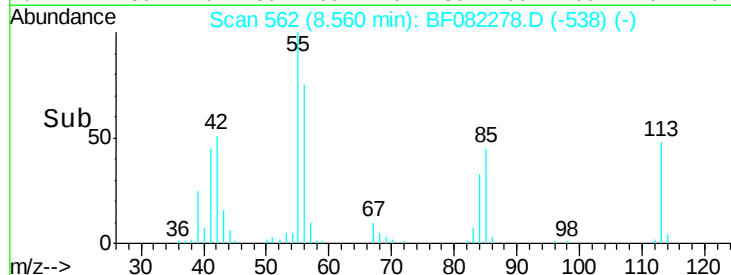
56 155.3 105.4 145.4#



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: 37.64 ng

RT: 8.67 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

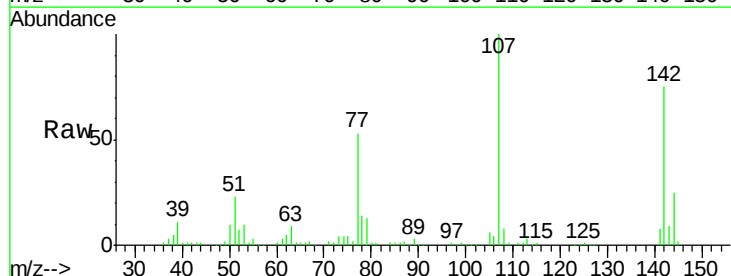
Tgt Ion:107 Resp: 177789

Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

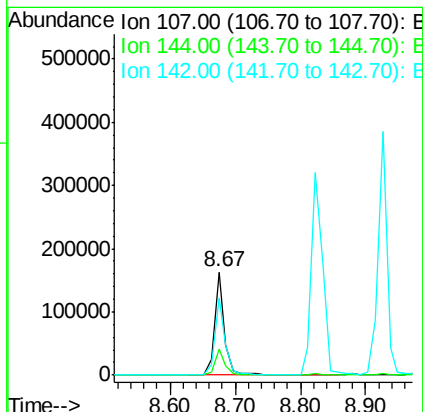
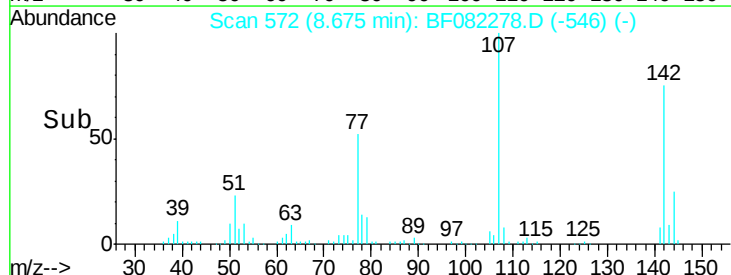
142 75.1 59.9 89.9

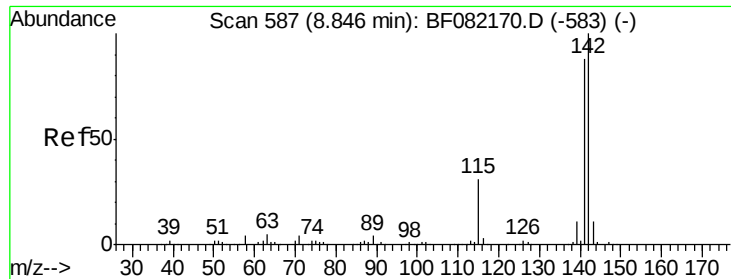


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

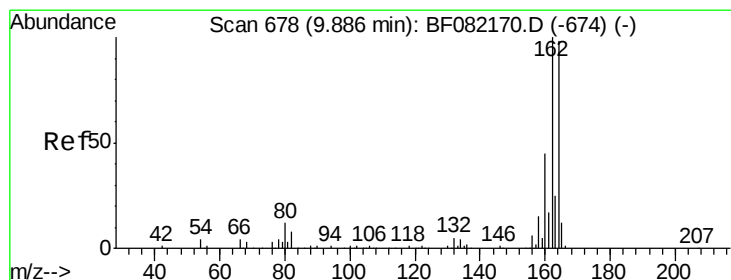
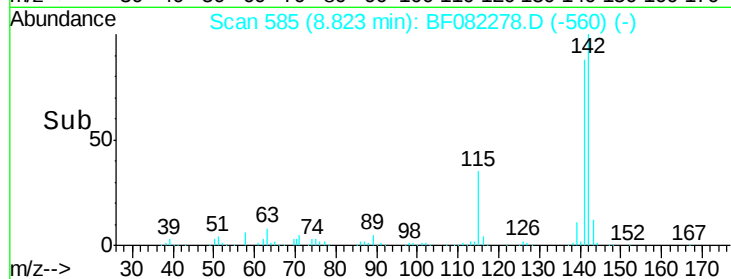
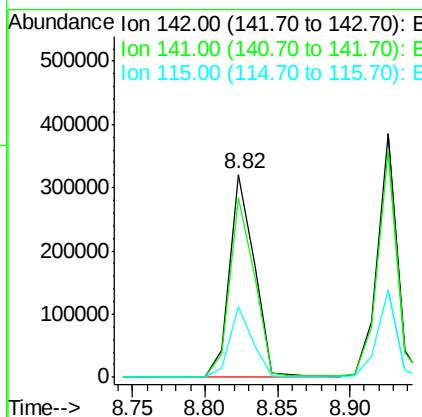
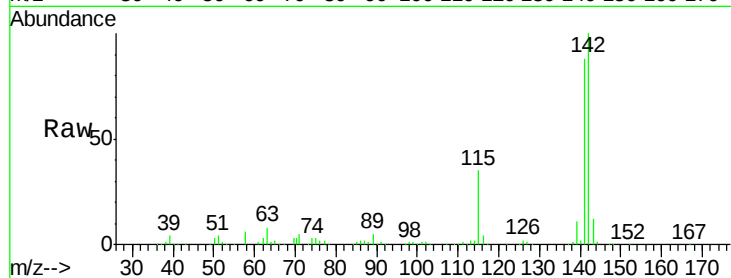




#37
2-Methylnaphthalene
Concen: 34.22 ng
RT: 8.82 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

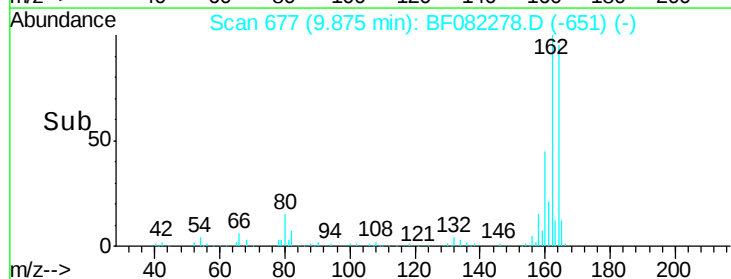
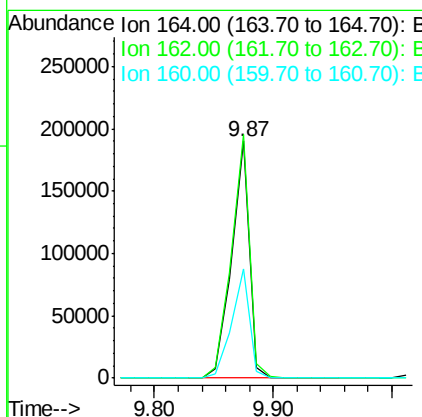
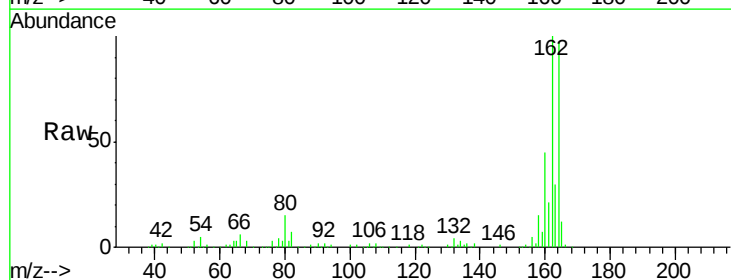
Instrument :
BNA_F
ClientSampleId :
PB86108BS

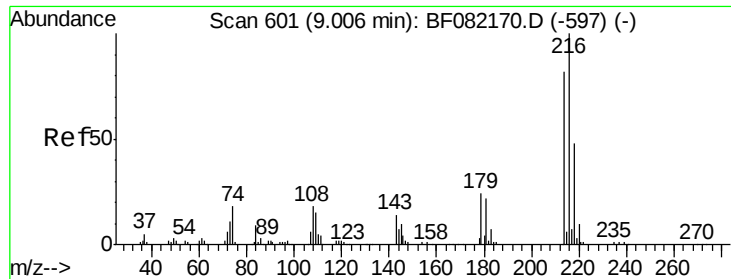
Tot Ion:142 Resp: 383179
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6
115 35.1 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion:164 Resp: 197164
Ion Ratio Lower Upper
164 100
162 102.9 81.6 122.4
160 45.9 36.4 54.6

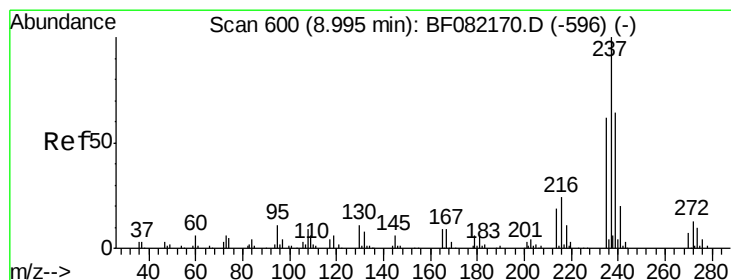
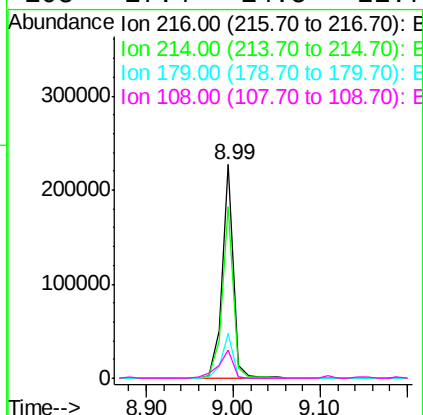
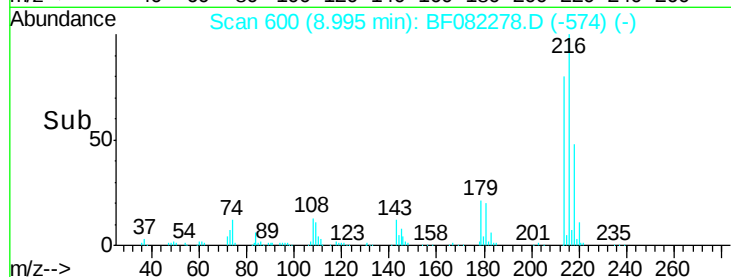
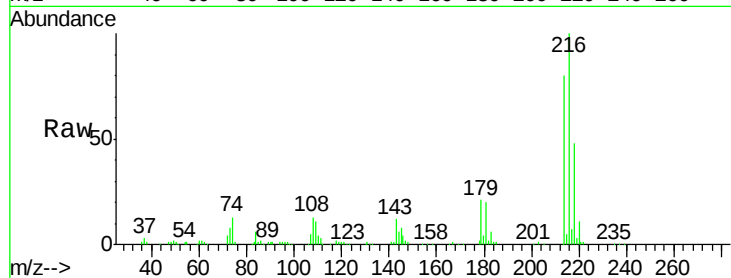




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.18 ng
 RT: 8.99 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

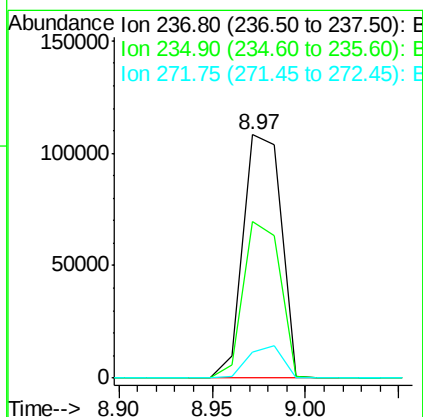
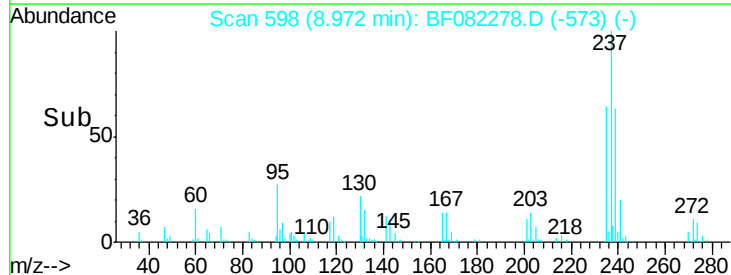
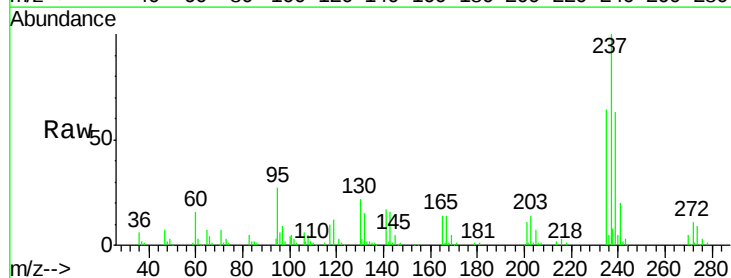
Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

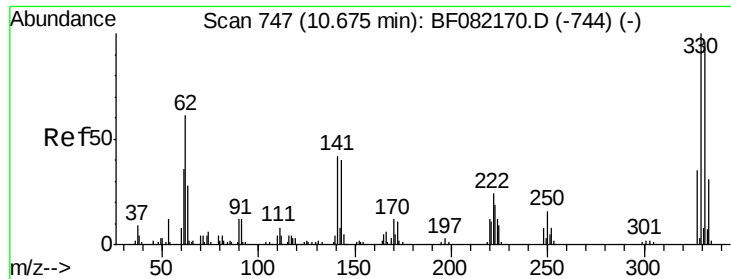
Tot Ion:216	Resp:	206294
Ion Ratio	Lower	Upper
216	100	
214	80.0	64.6 97.0
179	20.9	17.6 26.4
108	17.4	14.5 21.7



#40
 Hexachlorocyclopentadiene
 Concen: 54.42 ng
 RT: 8.97 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion:237	Resp:	152680
Ion Ratio	Lower	Upper
237	100	
235	64.2	41.7 81.7
272	10.6	0.0 32.8

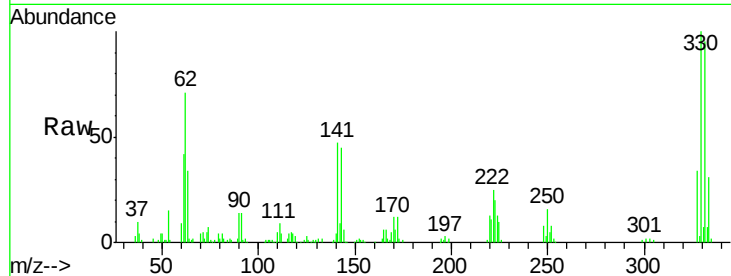




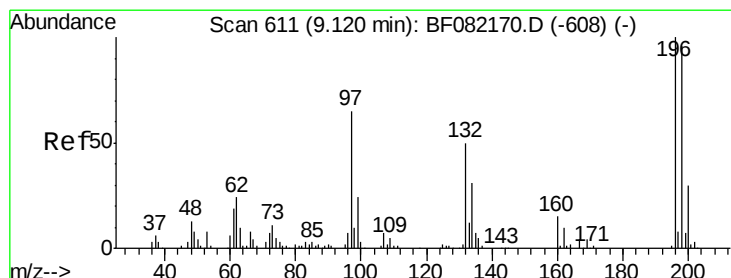
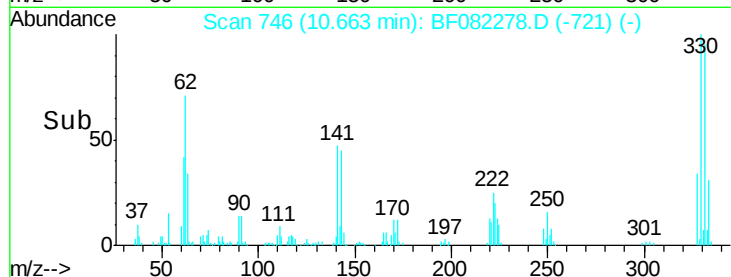
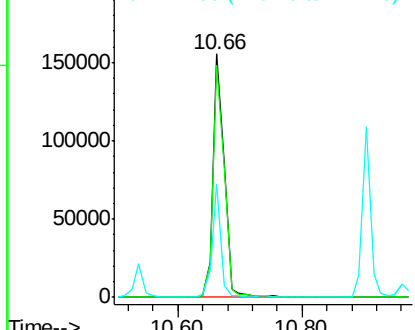
#41
 2,4,6-Tribromophenol
 Concen: 104.13 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

Tot Ion:330 Resp: 192538
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 36.7 29.8 44.8

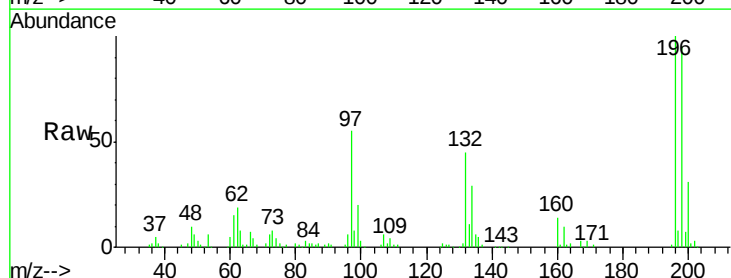


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

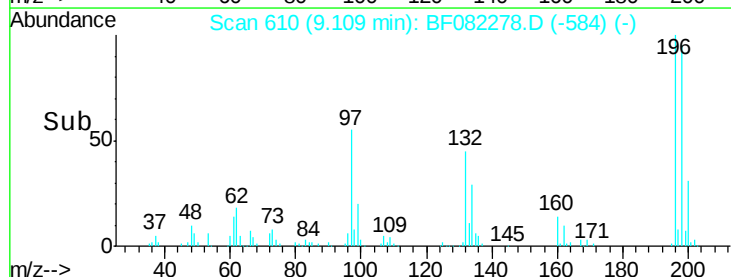
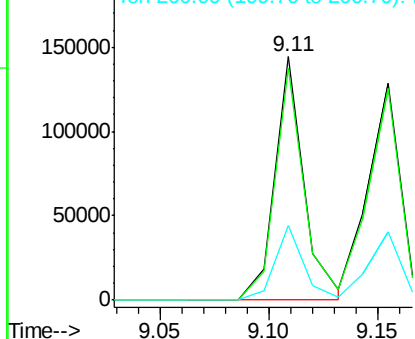


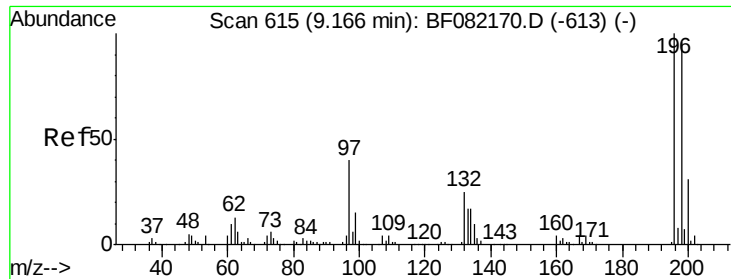
#42
 2,4,6-Trichlorophenol
 Concen: 34.65 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion:196 Resp: 134976
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.6 115.0
 200 30.7 23.7 35.5



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

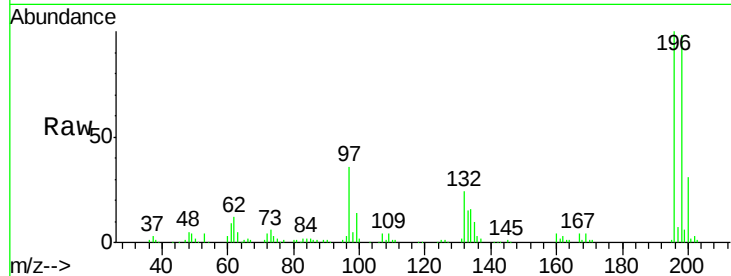




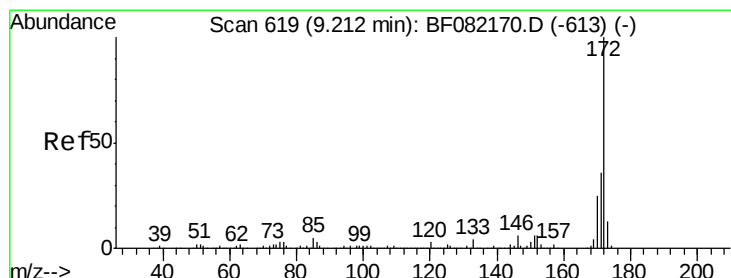
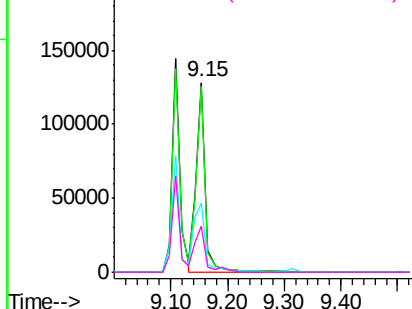
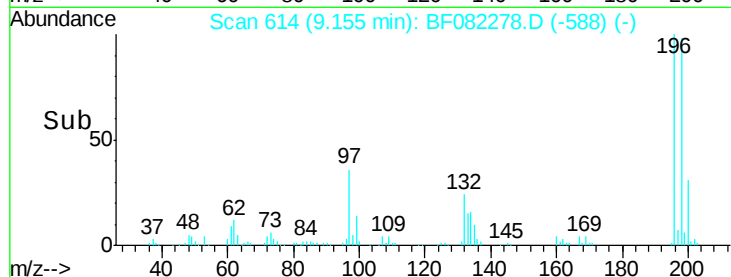
#43
 2,4,5-Trichlorophenol
 Concen: 34.69 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	97.5	77.0	115.4	
97	36.3	31.9	47.9	
132	24.0	20.3	30.5	

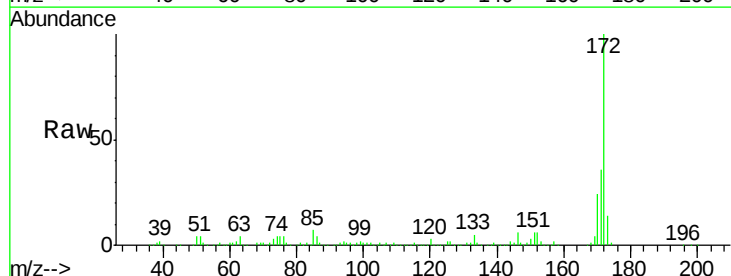


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

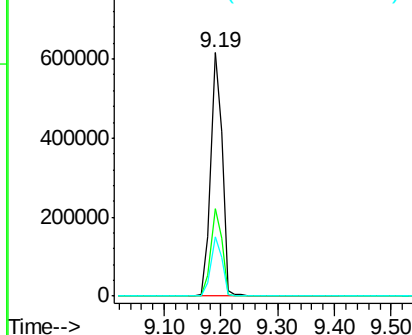
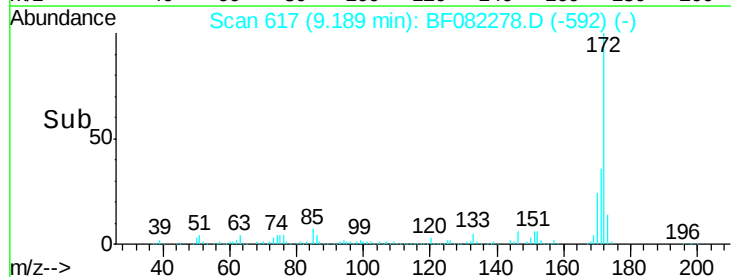


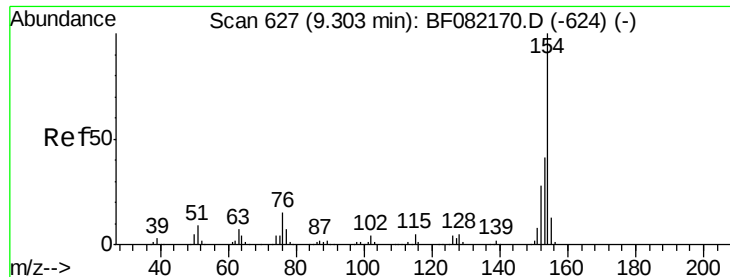
#44
 2-Fluorobiphenyl
 Concen: 70.28 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.8	28.6	42.8	
170	24.1	19.7	29.5	



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

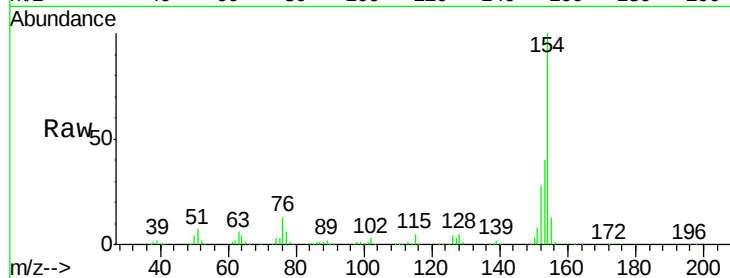




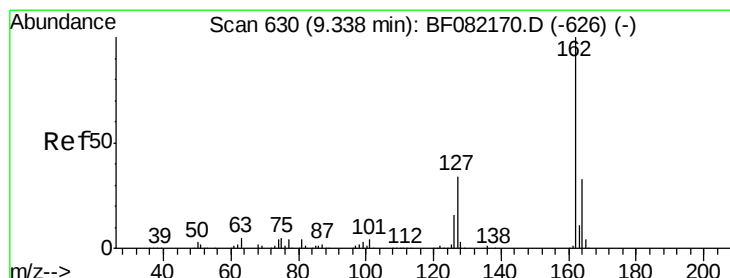
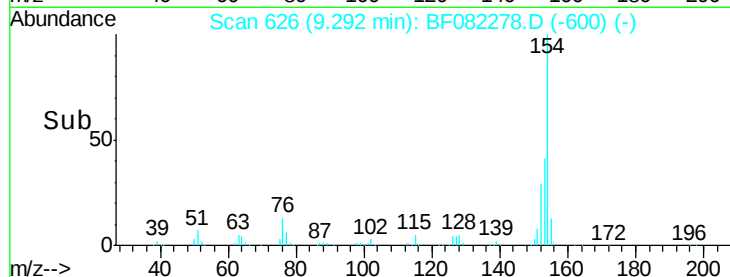
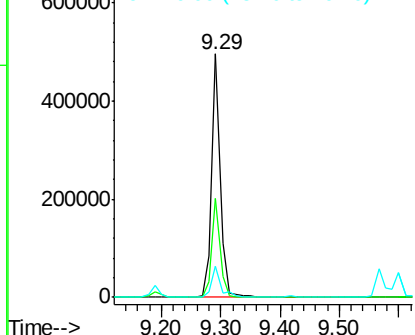
#45
 1,1'-Biphenyl
 Concen: 32.97 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

Tot Ion:154 Resp: 495753
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.6 60.6
 76 12.7 0.0 35.2

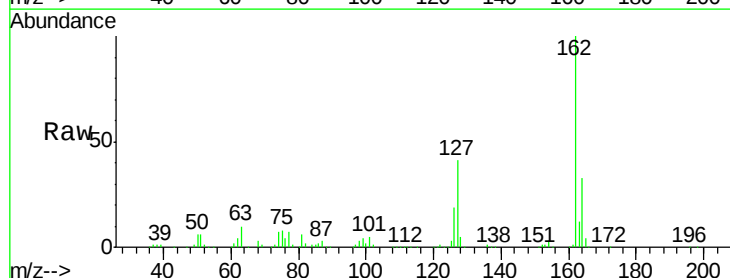


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

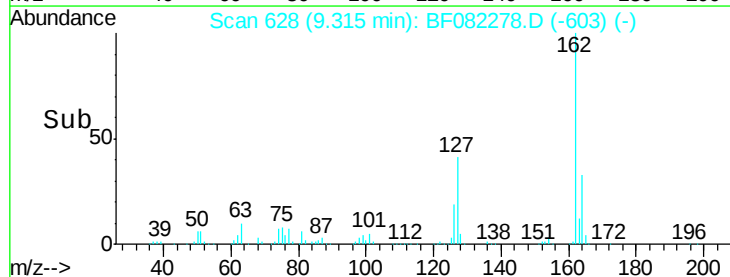
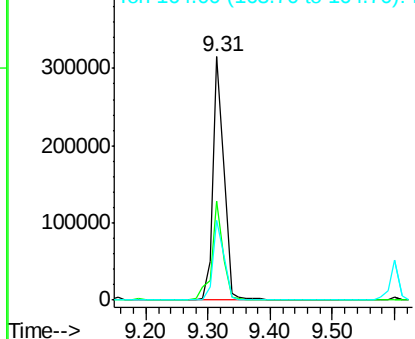


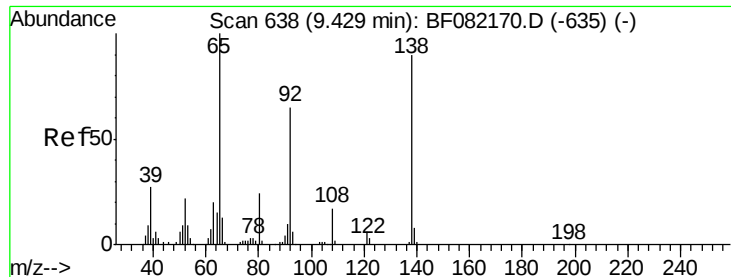
#46
 2-Chloronaphthalene
 Concen: 32.30 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion:162 Resp: 382306
 Ion Ratio Lower Upper
 162 100
 127 40.7 27.5 41.3
 164 32.7 26.6 39.8



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: 34.63 ng

RT: 9.42 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

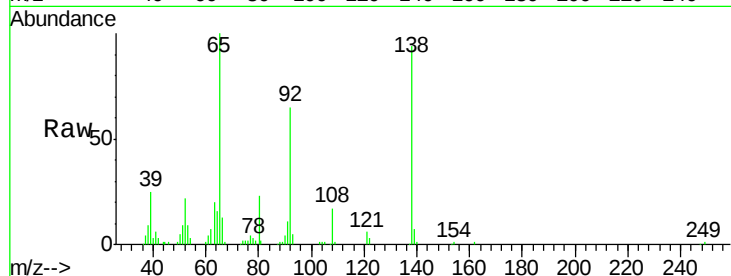
Tot Ion: 65 Resp: 112516

Ion Ratio Lower Upper

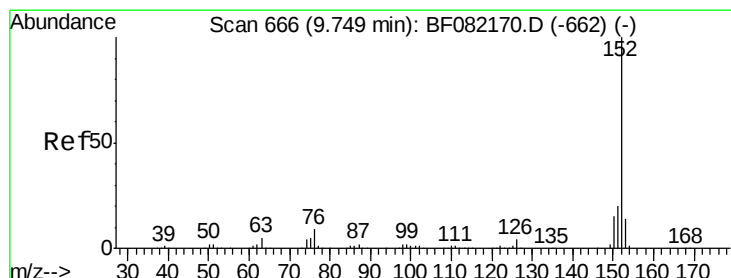
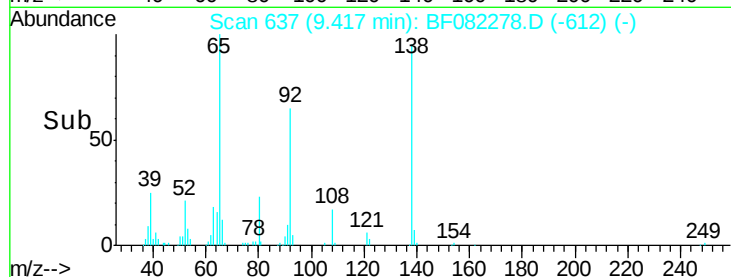
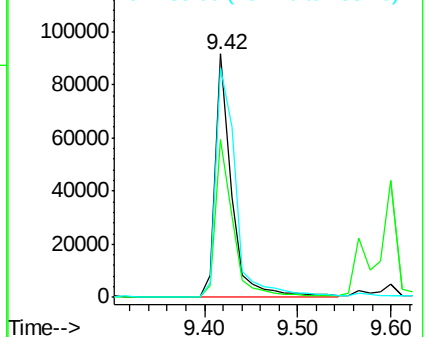
65 100

92 64.8 52.3 78.5

138 94.2 72.2 108.4



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



#48

Acenaphthylene

Concen: 35.59 ng

RT: 9.74 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

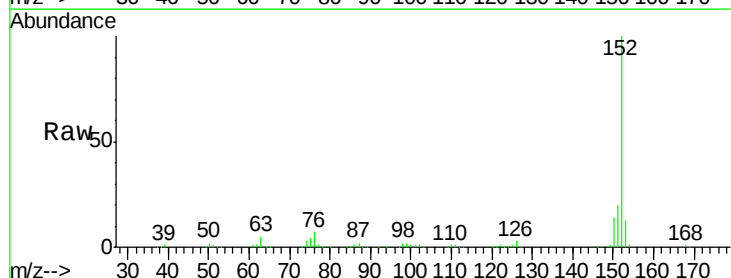
Tgt Ion: 152 Resp: 656124

Ion Ratio Lower Upper

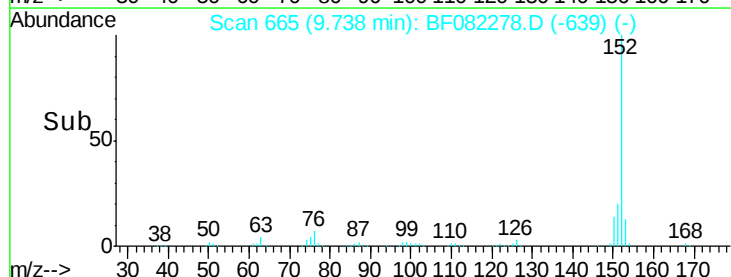
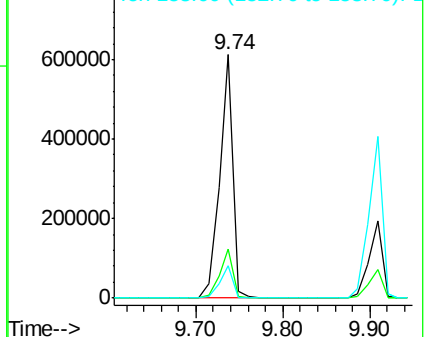
152 100

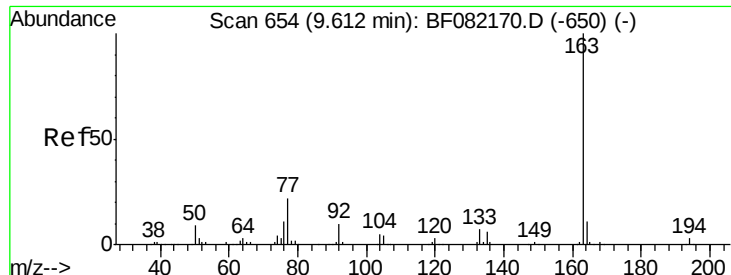
151 20.4 16.4 24.6

153 13.2 10.8 16.2



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





#49

Dimethylphthalate

Concen: 34.59 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

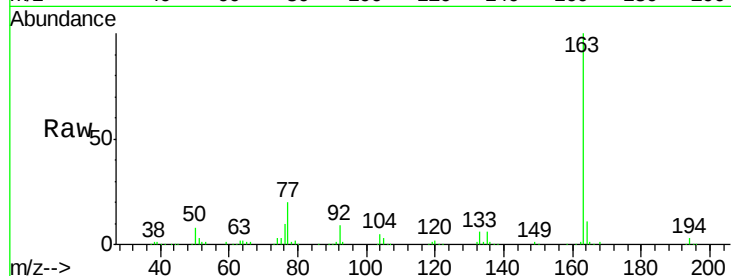
Tot Ion:163 Resp: 480241

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

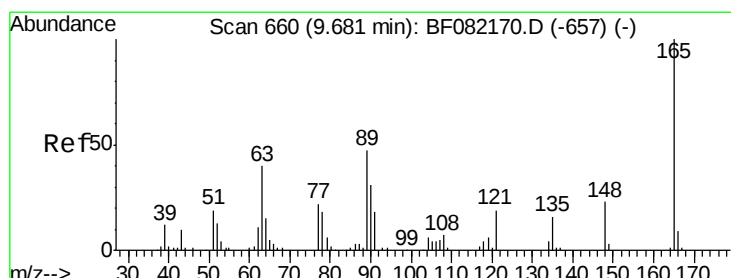
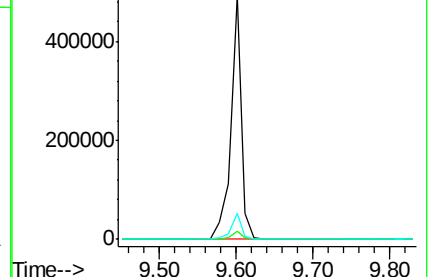
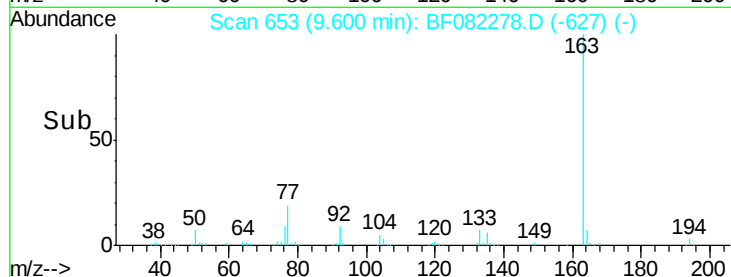
164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.08 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

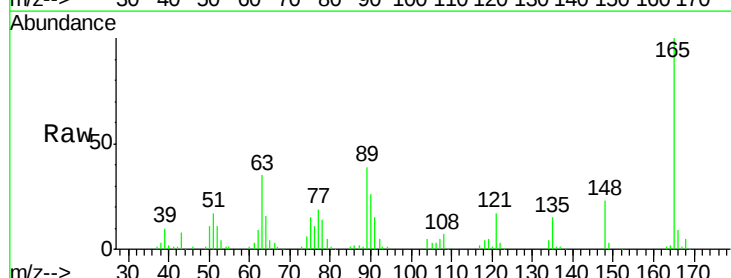
Tgt Ion:165 Resp: 111553

Ion Ratio Lower Upper

165 100

63 35.1 36.7 55.1#

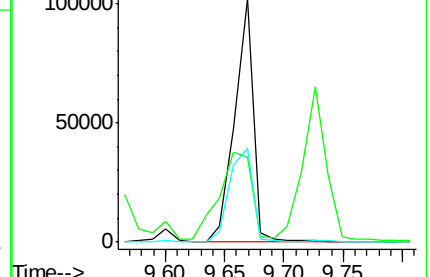
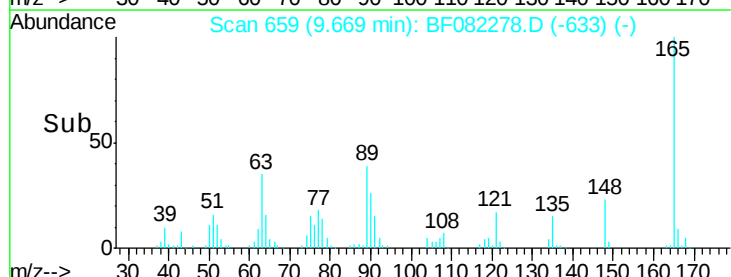
89 38.5 37.8 56.6

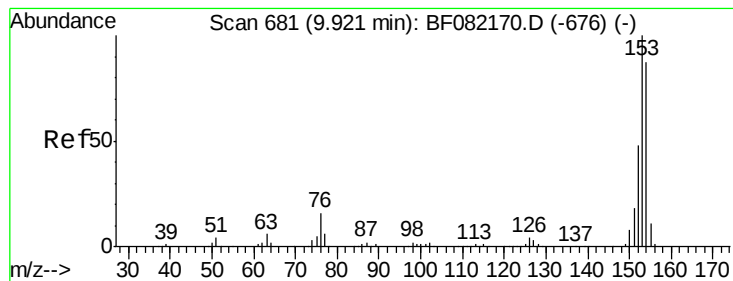


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.66 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

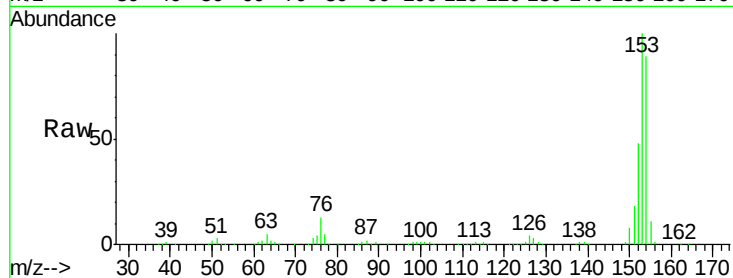
Tot Ion:154 Resp: 383658

Ion Ratio Lower Upper

154 100

153 112.1 91.4 137.2

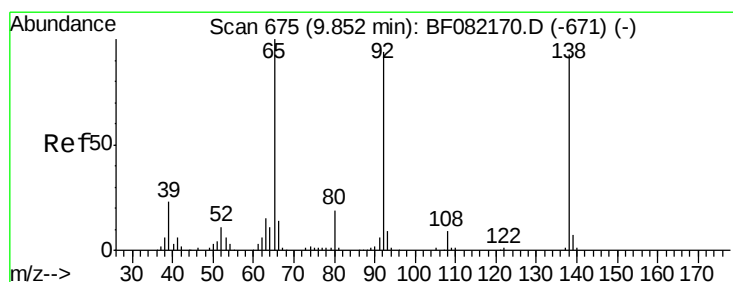
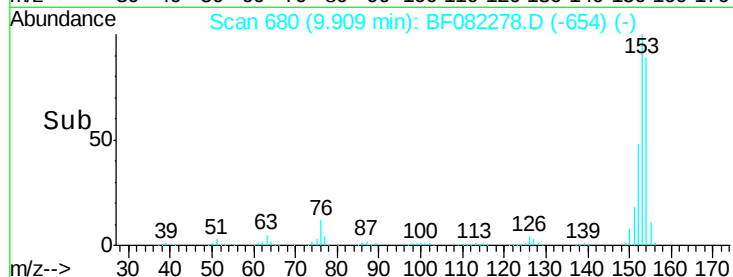
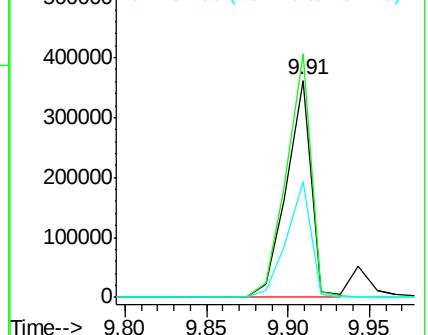
152 53.3 44.3 66.5



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: 21.46 ng

RT: 9.83 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

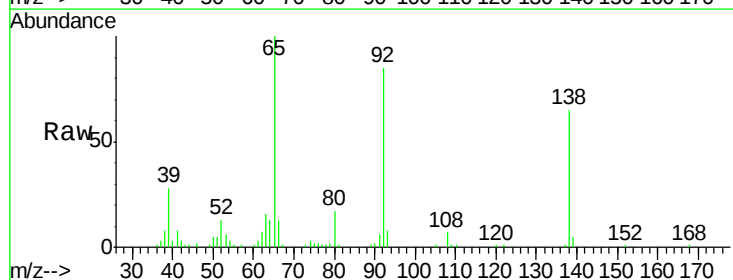
Tgt Ion:138 Resp: 71012

Ion Ratio Lower Upper

138 100

108 10.3 7.4 11.0

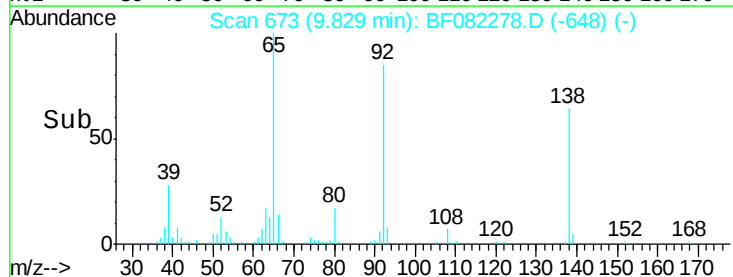
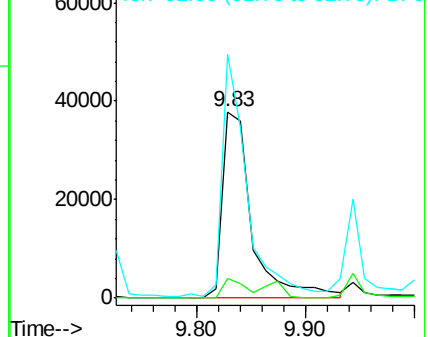
92 130.9 81.3 121.9#

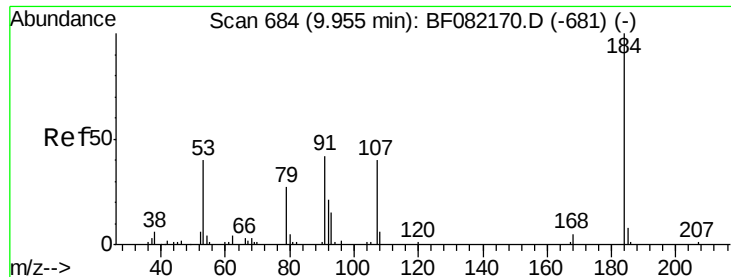


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

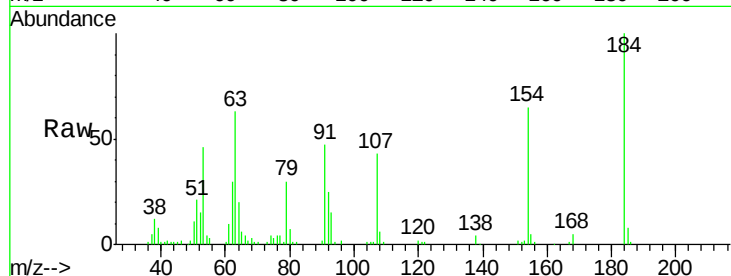




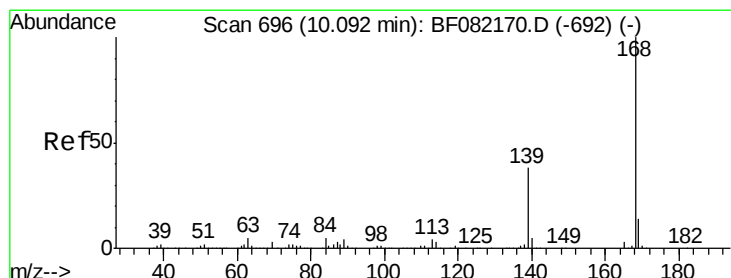
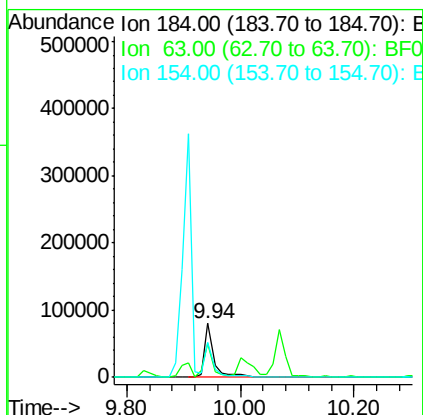
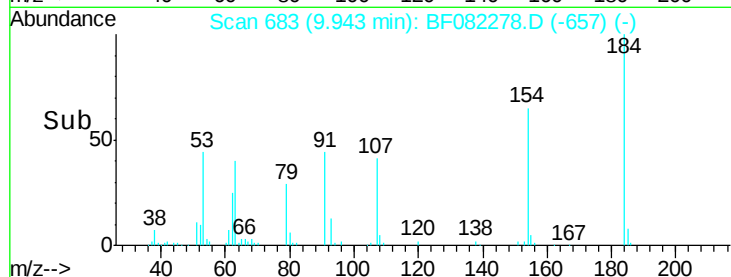
#53
2,4-Dinitrophenol
Concen: 57.74 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Instrument :
BNA_F
ClientSampleId :
PB86108BS

Tot Ion:184 Resp: 91361
Ion Ratio Lower Upper
184 100
63 62.9 45.1 67.7
154 65.0 51.2 76.8

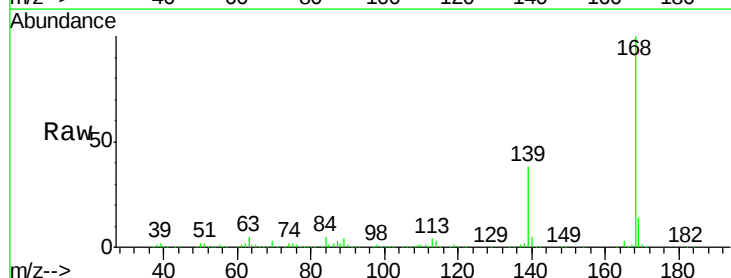


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

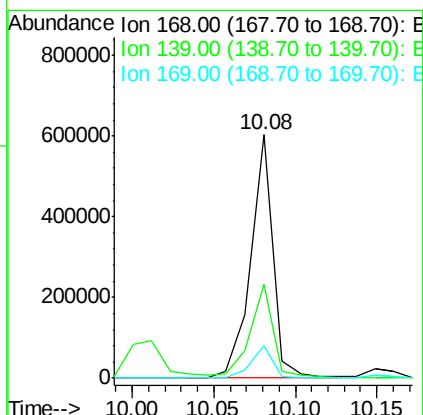
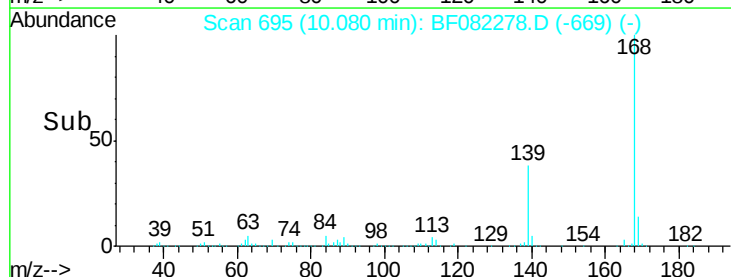


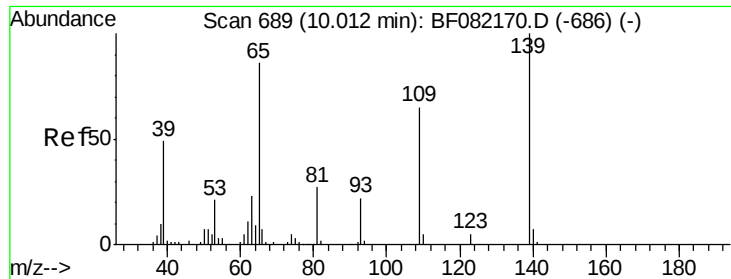
#54
Dibenzofuran
Concen: 37.84 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion:168 Resp: 575095
Ion Ratio Lower Upper
168 100
139 38.4 31.0 46.6
169 13.6 10.9 16.3



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

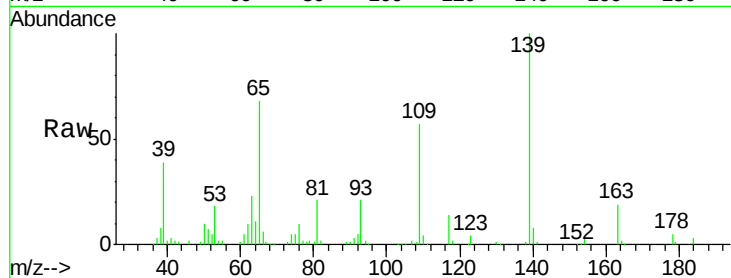




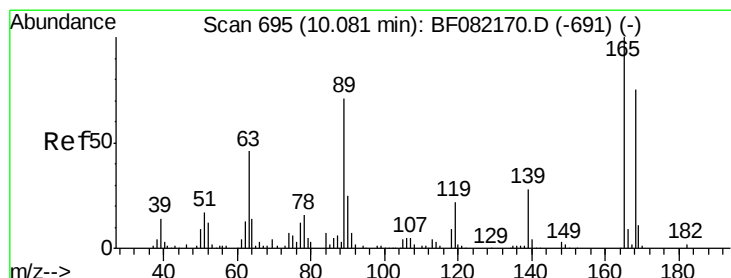
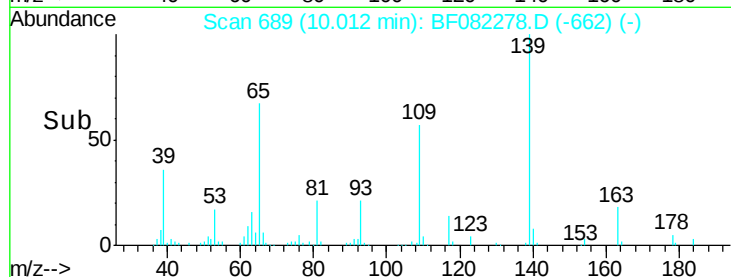
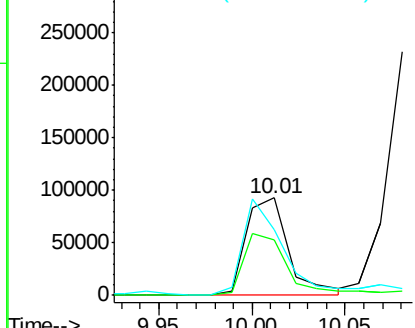
#55
4-Nitrophenol
Concen: 68.09 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Instrument :
BNA_F
ClientSampleId :
PB86108BS

Tot Ion:139 Resp: 146379
Ion Ratio Lower Upper
139 100
109 56.6 44.8 84.8
65 68.1 67.7 107.7



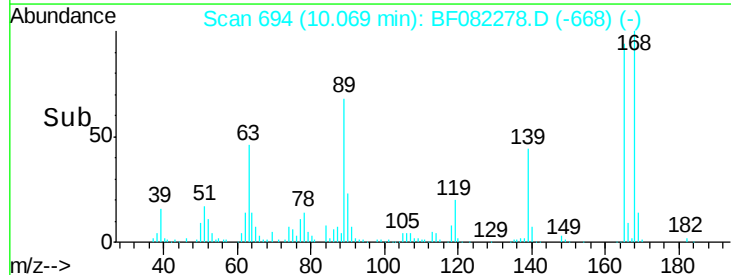
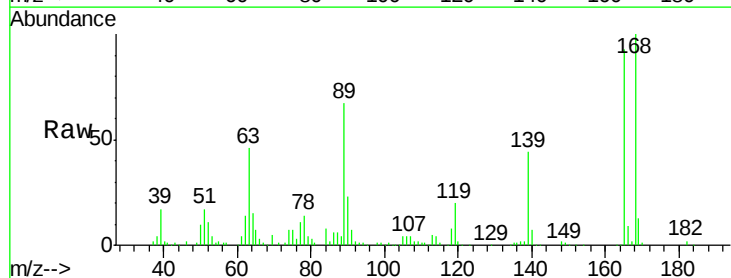
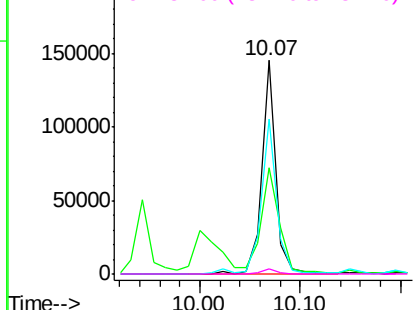
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

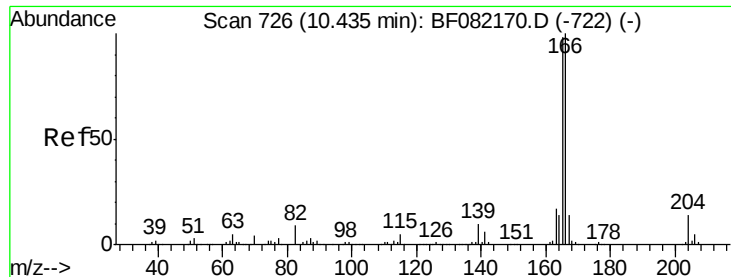


#56
2,4-Dinitrotoluene
Concen: 38.04 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion:165 Resp: 139282
Ion Ratio Lower Upper
165 100
63 49.6 38.6 58.0
89 72.5 57.0 85.6
182 2.2 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

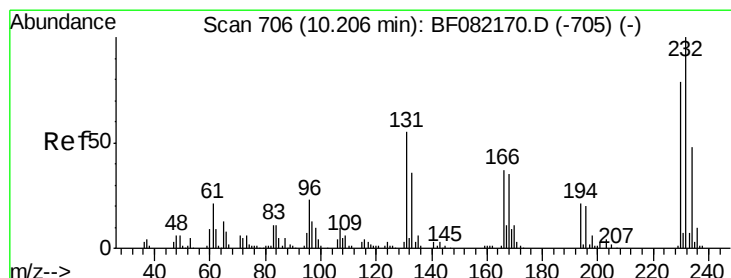
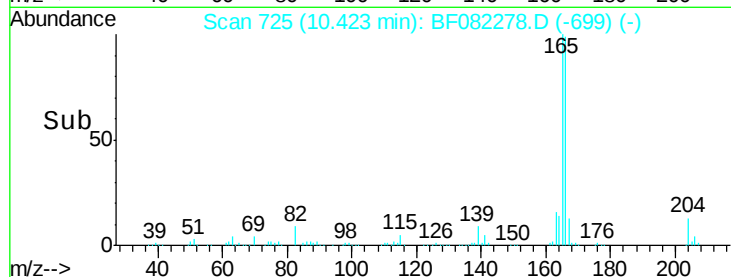
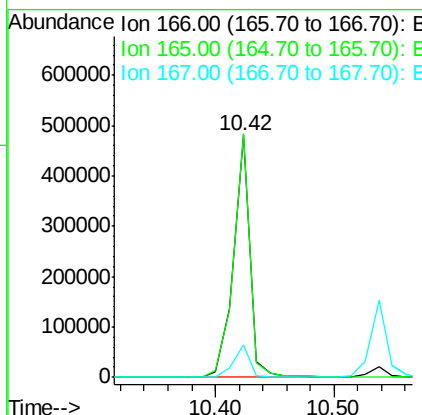
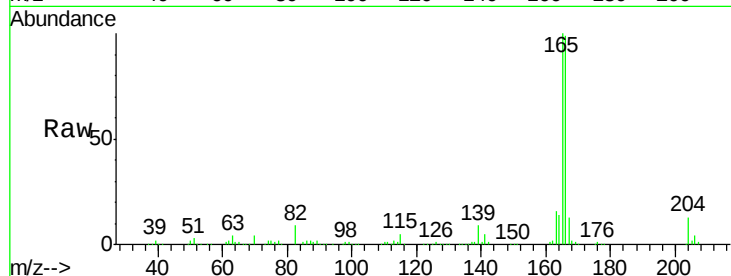




#57
 Fluorene
 Concen: 37.13 ng
 RT: 10.42 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

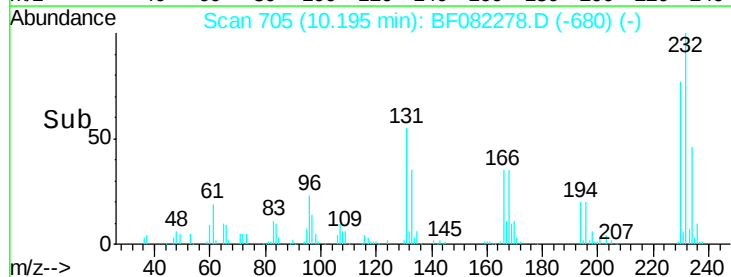
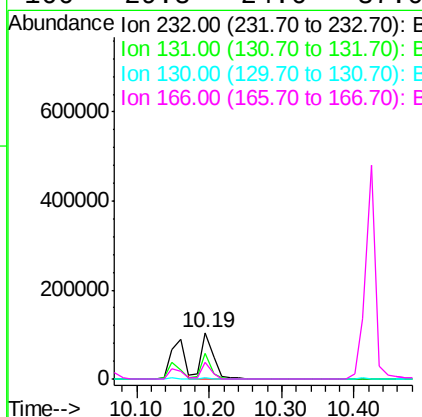
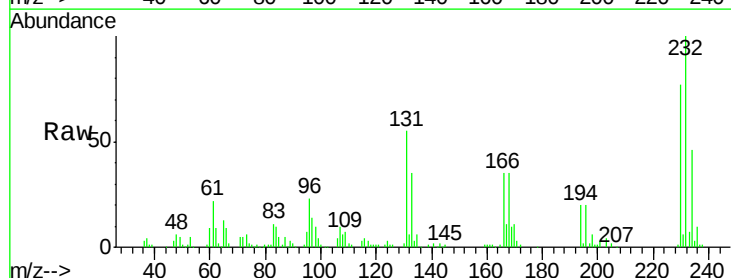
Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

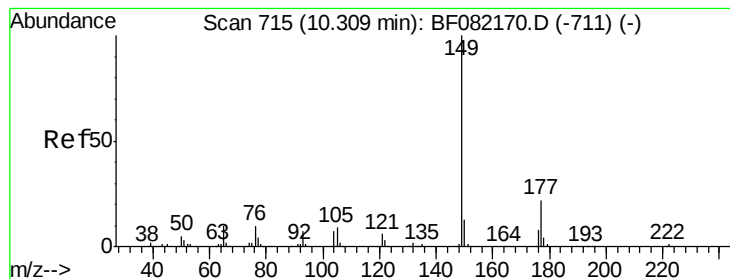
Tot Ion:166 Resp: 463394
 Ion Ratio Lower Upper
 166 100
 165 100.7 78.3 117.5
 167 13.5 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.52 ng
 RT: 10.19 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion:232 Resp: 122450
 Ion Ratio Lower Upper
 232 100
 131 45.8 36.6 54.8
 130 2.0 1.5 2.3
 166 29.8 24.6 37.0





#59

Diethylphthalate

Concen: 35.93 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

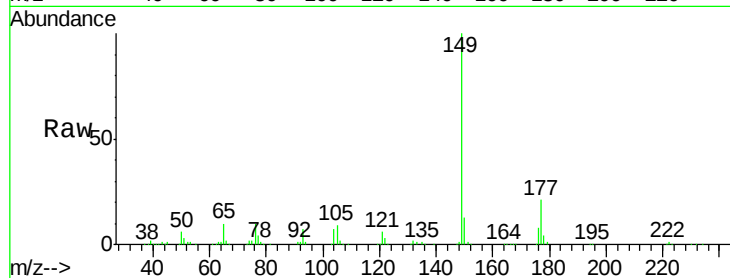
Tot Ion:149 Resp: 464984

Ion Ratio Lower Upper

149 100

177 20.8 17.6 26.4

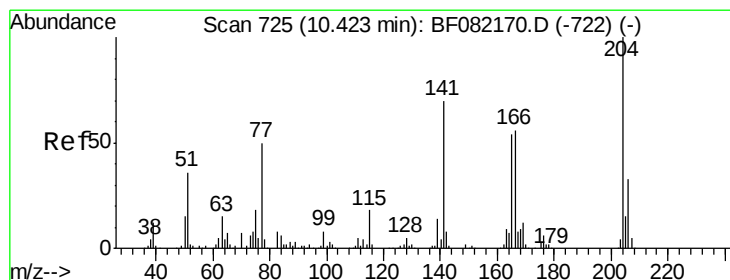
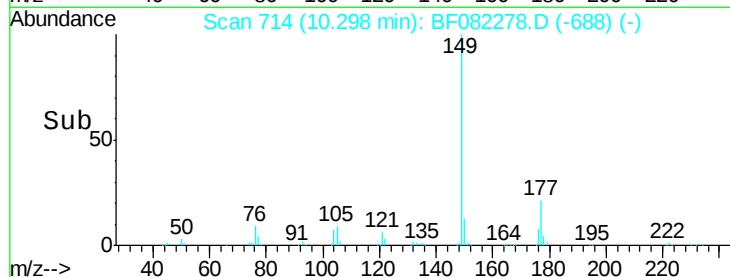
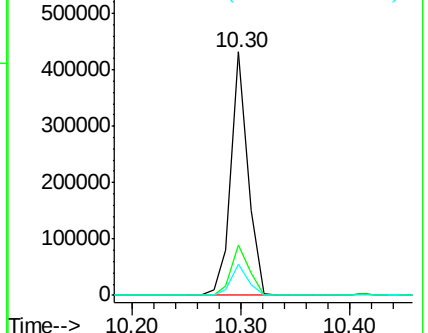
150 12.7 10.3 15.5



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: 34.92 ng

RT: 10.41 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

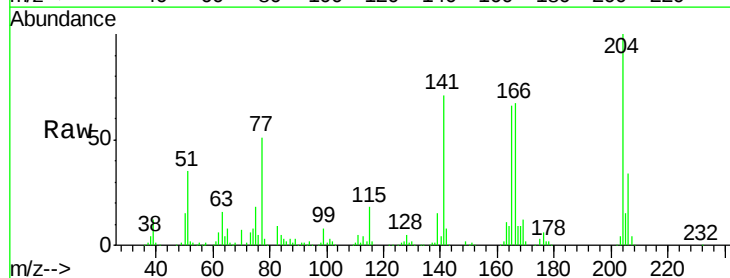
Tgt Ion:204 Resp: 199624

Ion Ratio Lower Upper

204 100

206 33.7 26.8 40.2

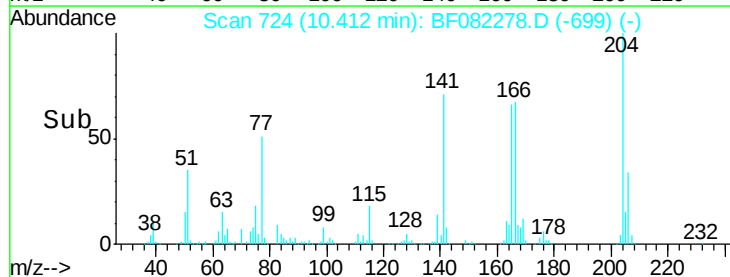
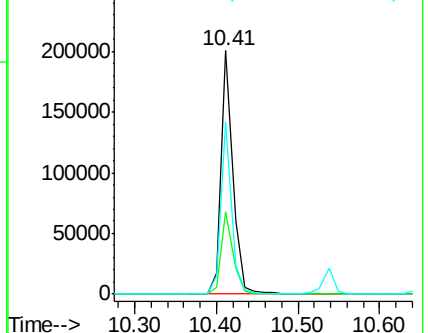
141 70.6 56.1 84.1

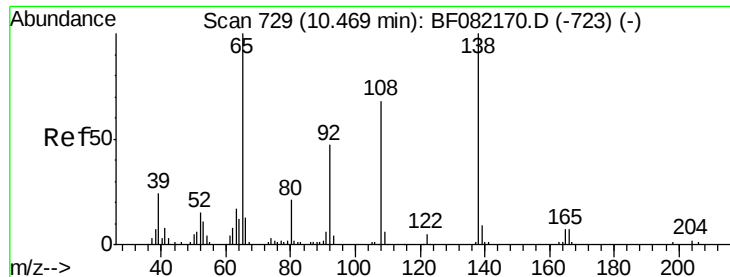


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.53 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

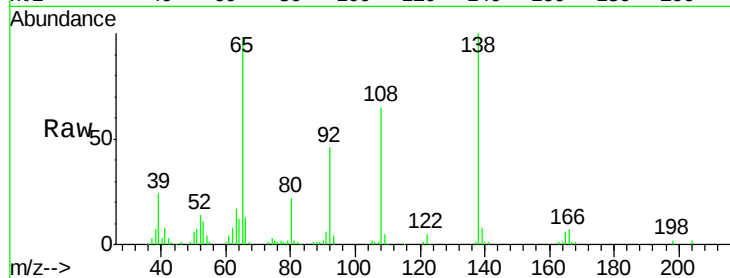
Tot Ion:138 Resp: 110824

Ion Ratio Lower Upper

138 100

92 46.3 26.8 66.8

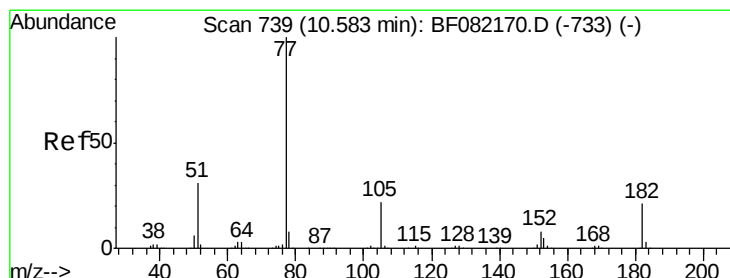
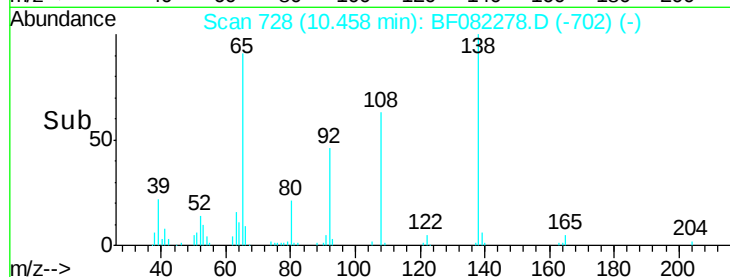
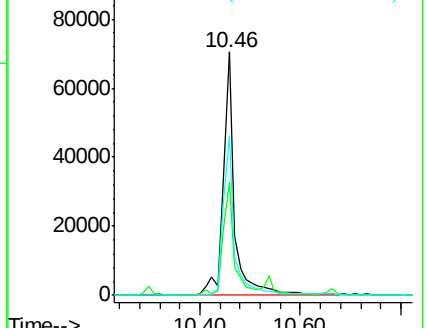
108 65.2 48.4 88.4



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: 35.34 ng

RT: 10.57 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Tgt Ion: 77 Resp: 447619

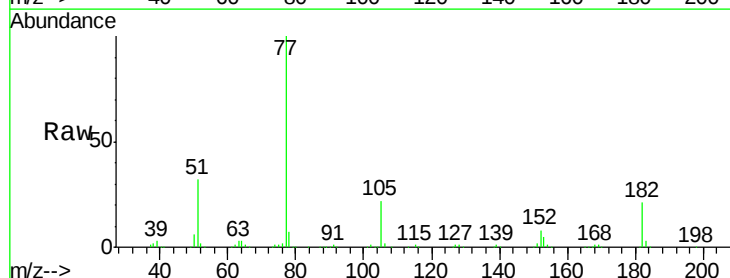
Ion Ratio Lower Upper

77 100

182 20.8 0.5 40.5

105 21.8 1.8 41.8

51 31.7 11.2 51.2

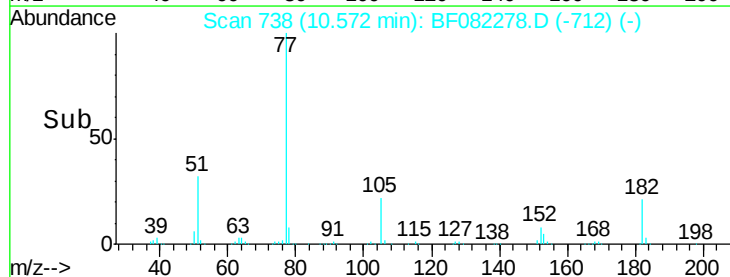
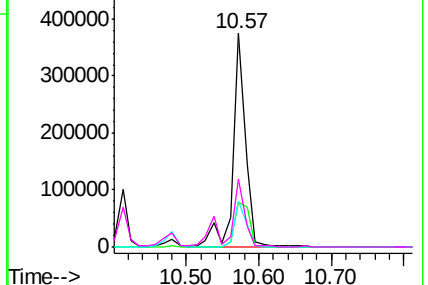


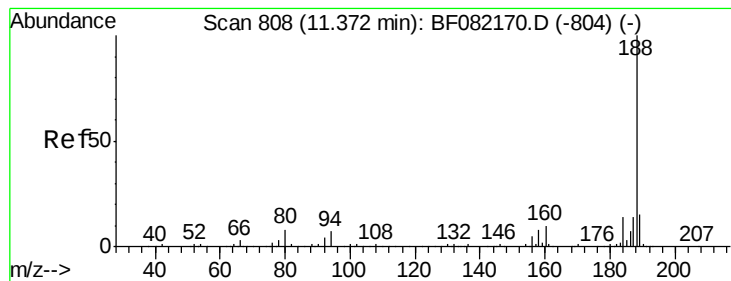
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

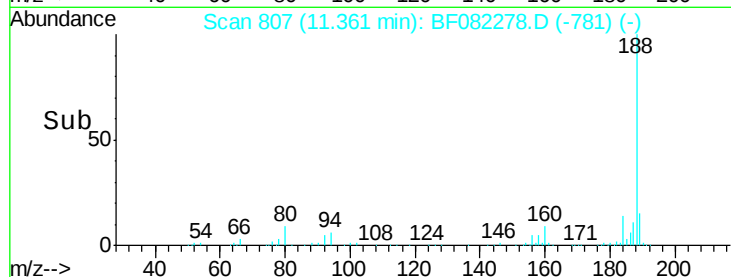
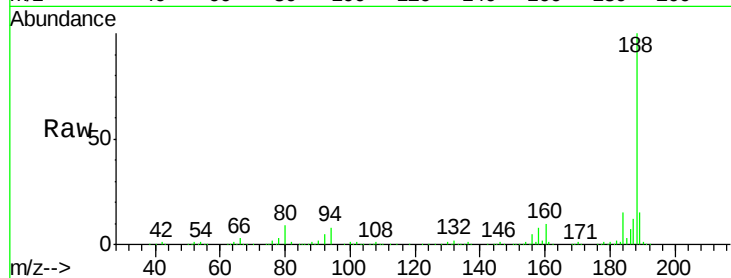
Tot Ion:188 Resp: 393602

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

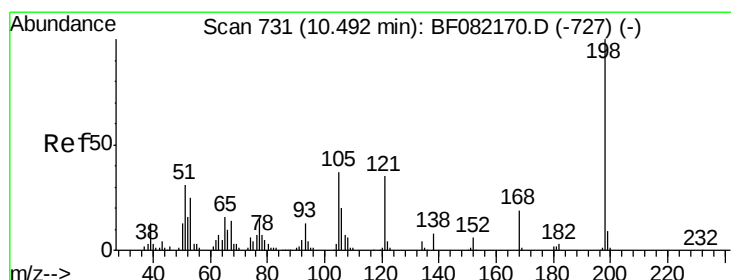
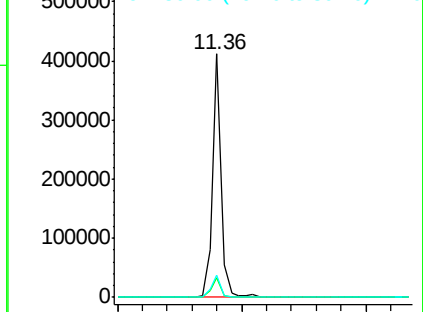
80 8.9 6.4 9.6



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: 33.22 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

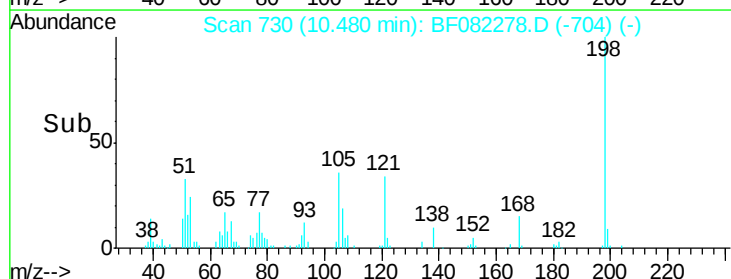
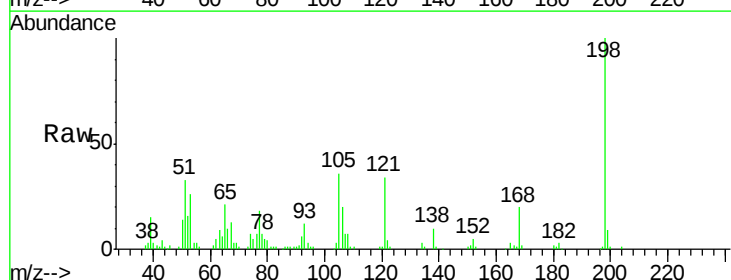
Tgt Ion:198 Resp: 73385

Ion Ratio Lower Upper

198 100

51 33.3 13.6 53.6

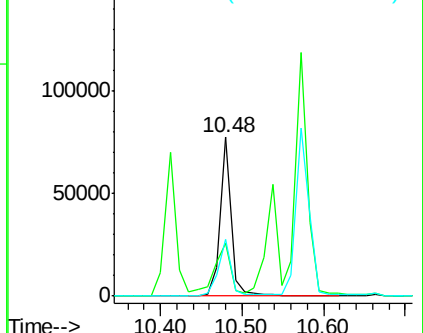
105 35.8 17.1 57.1

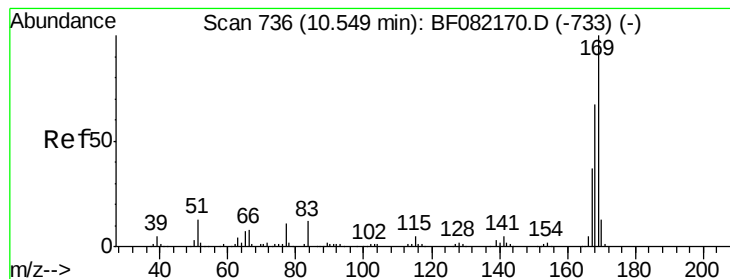


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.95 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

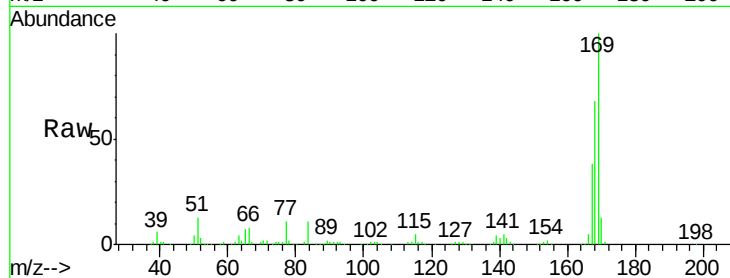
Tot Ion:169 Resp: 400109

Ion Ratio Lower Upper

169 100

168 67.8 54.0 81.0

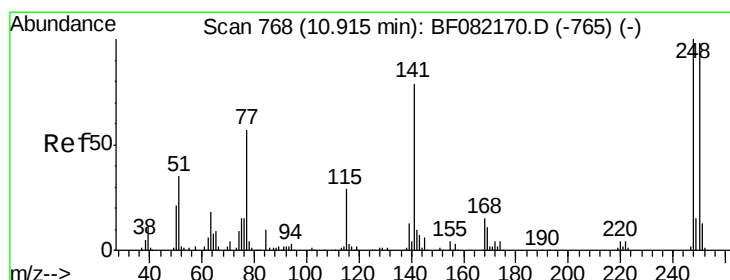
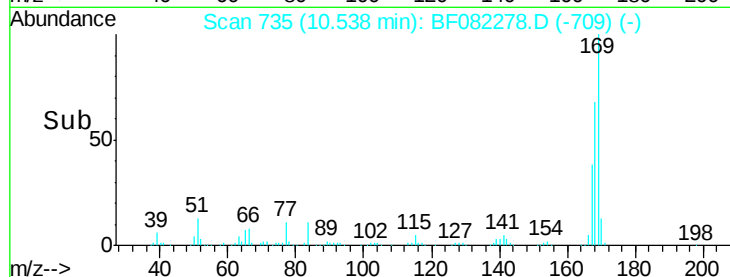
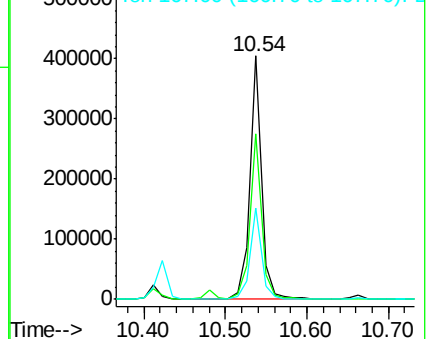
167 37.6 29.6 44.4



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: 32.26 ng

RT: 10.90 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

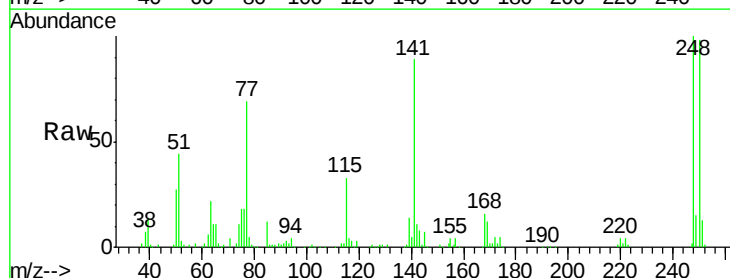
Tgt Ion:248 Resp: 127069

Ion Ratio Lower Upper

248 100

250 97.6 78.6 117.8

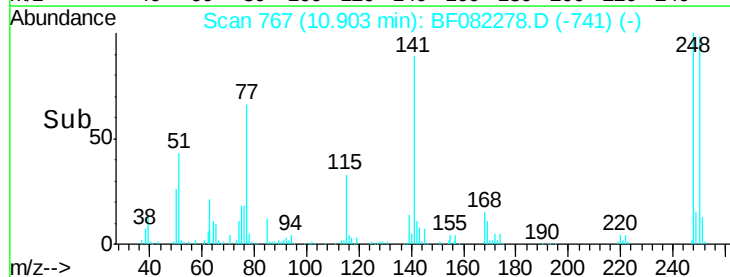
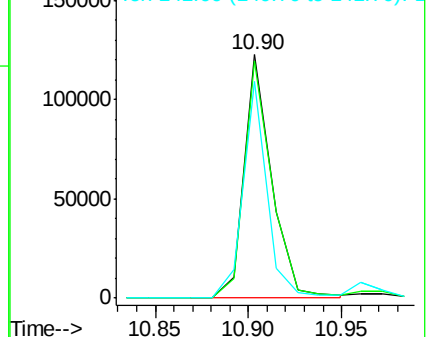
141 89.1 63.3 94.9

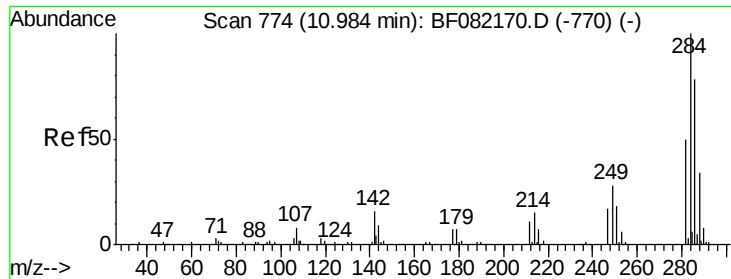


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

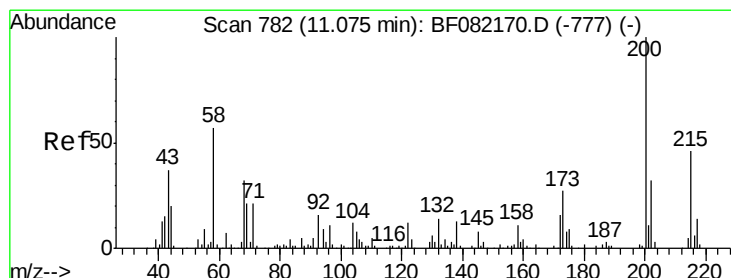
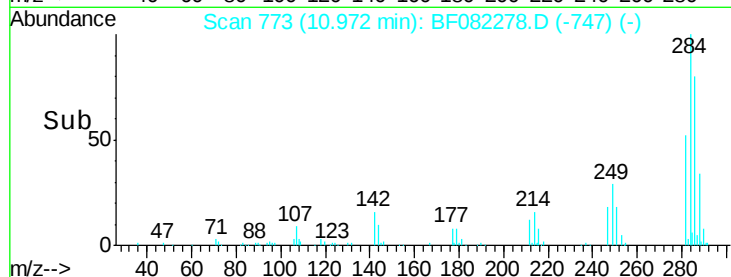
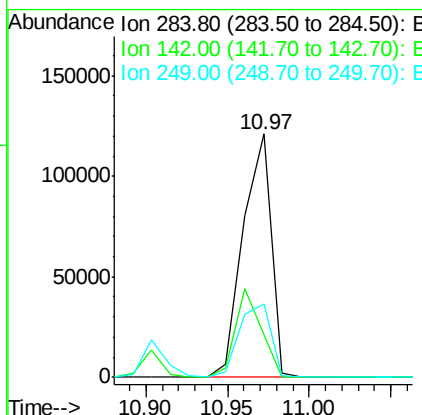
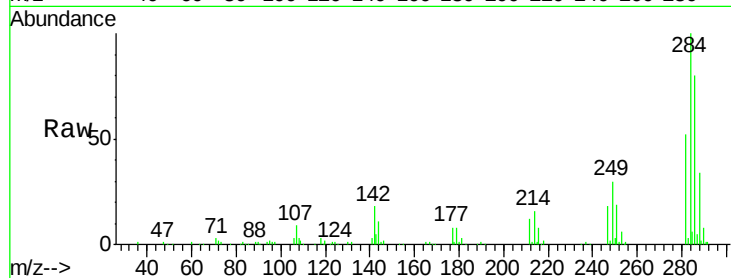




#67
Hexachlorobenzene
Concen: 33.88 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

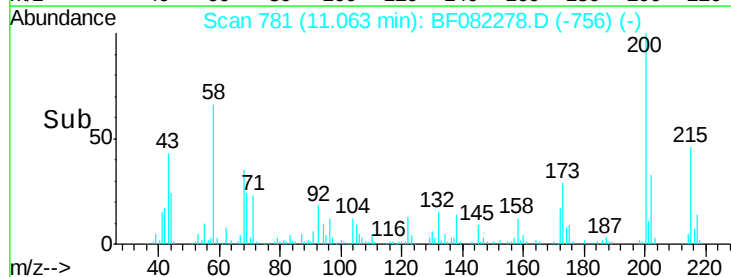
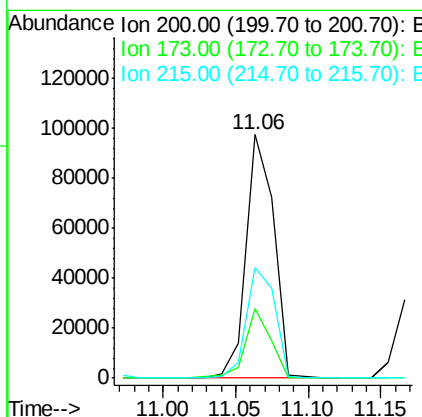
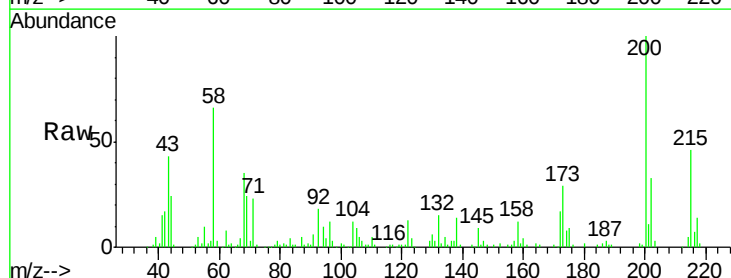
Instrument :
BNA_F
ClientSampleId :
PB86108BS

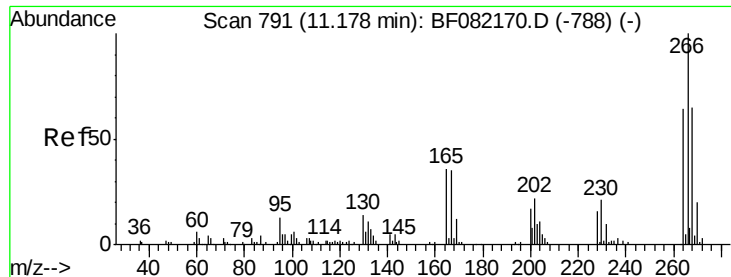
Tot Ion	Ratio	Lower	Upper
284	100		
142	17.6	13.0	19.6
249	30.2	22.5	33.7



#68
Atrazine
Concen: 34.58 ng
RT: 11.06 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	7.3	47.3
215	45.5	26.2	66.2

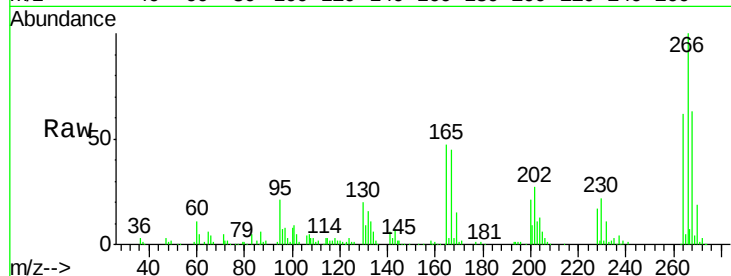




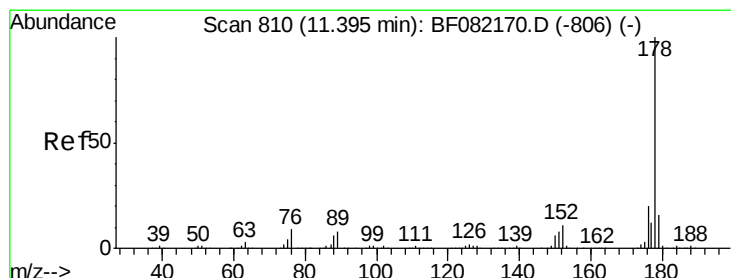
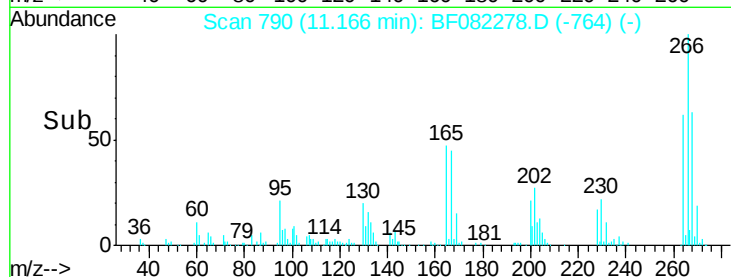
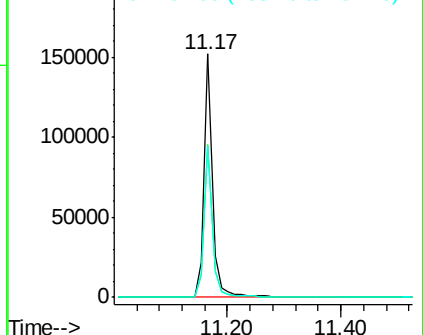
#69
 Pentachlorophenol
 Concen: 68.85 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

Tot Ion:266 Resp: 150922
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.0 78.0
 264 62.0 51.4 77.0

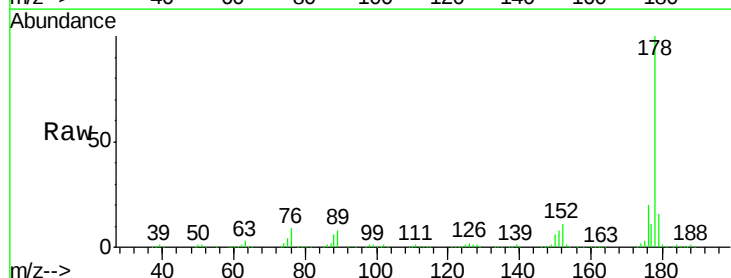


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

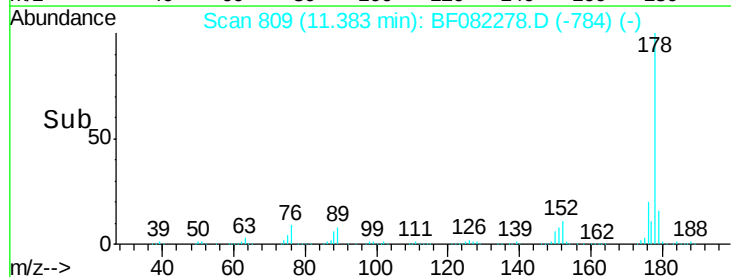
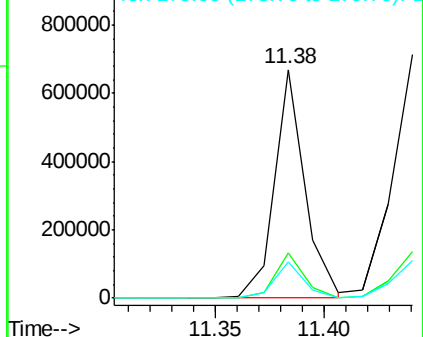


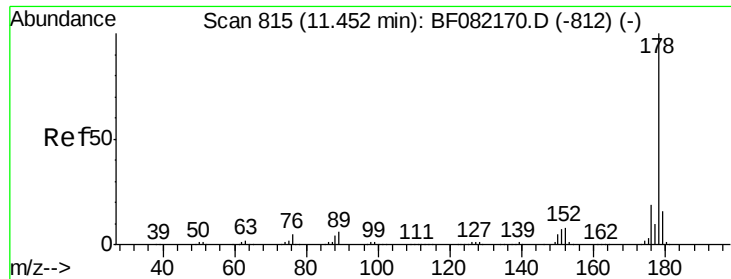
#70
 Phenanthrene
 Concen: 33.87 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion:178 Resp: 653511
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.8 12.6 19.0



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

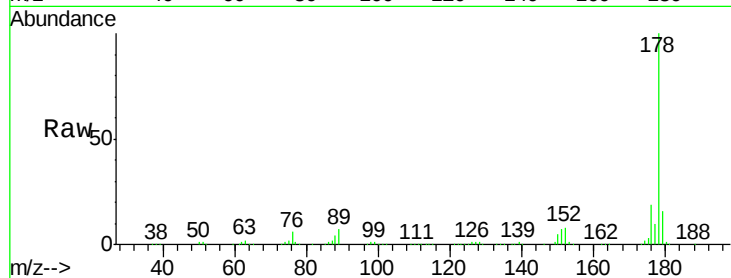




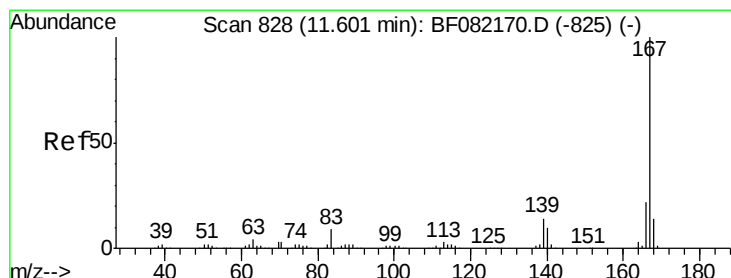
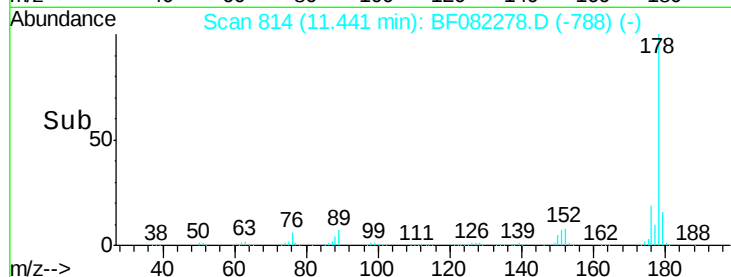
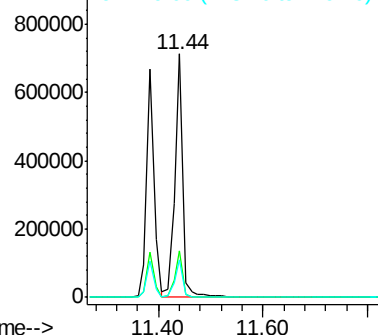
#71
 Anthracene
 Concen: 38.42 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

Tot Ion:178 Resp: 763786
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.6 12.5 18.7

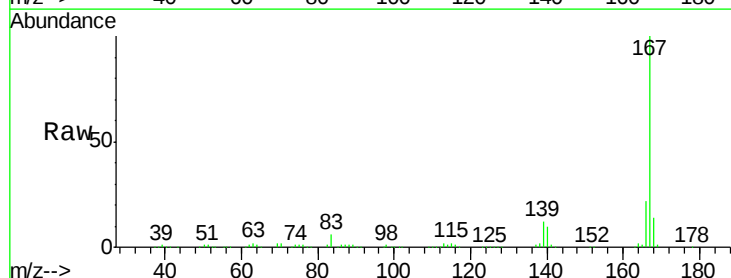


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

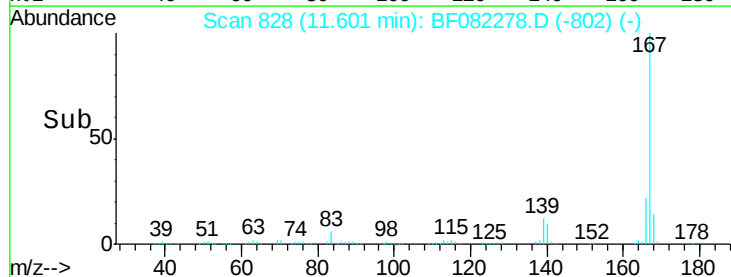
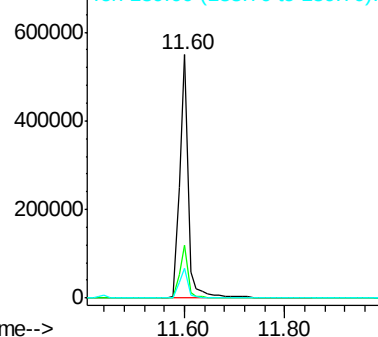


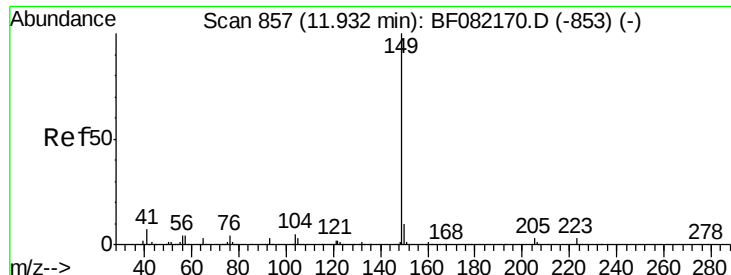
#72
 Carbazole
 Concen: 36.15 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion:167 Resp: 655550
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 12.3 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

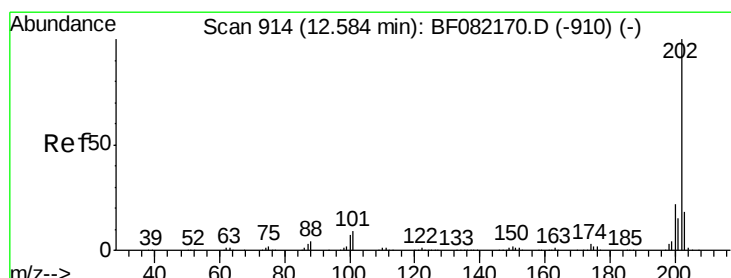
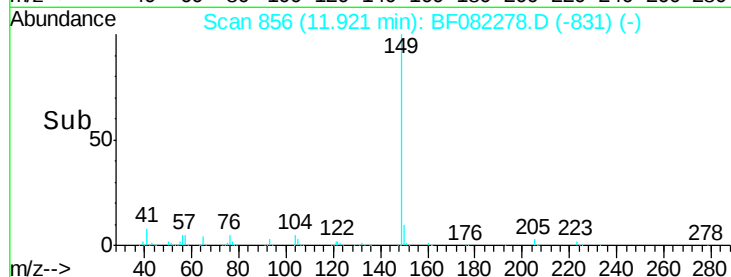
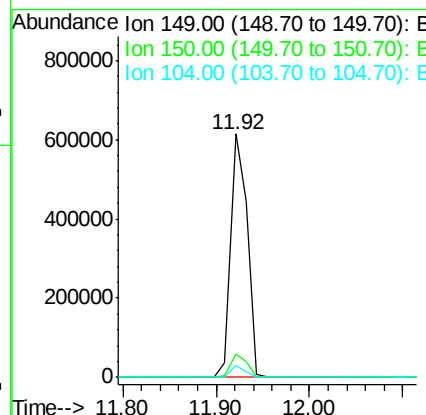
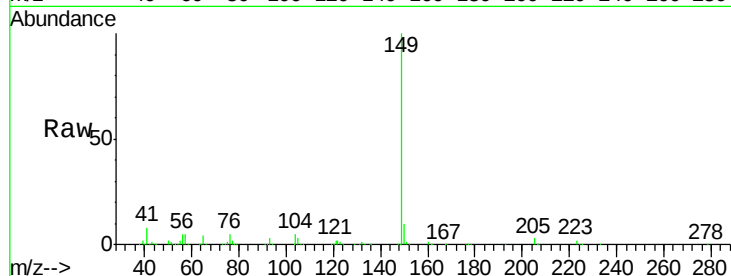




#73
Di-n-butylphthalate
Concen: 33.93 ng
RT: 11.92 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

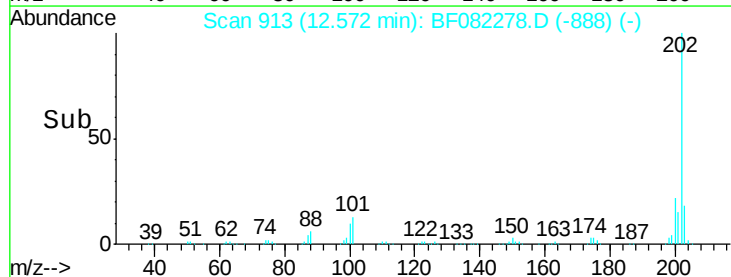
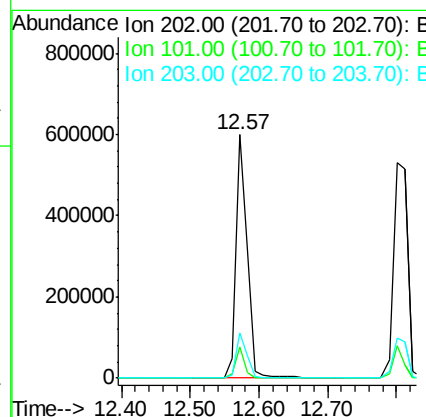
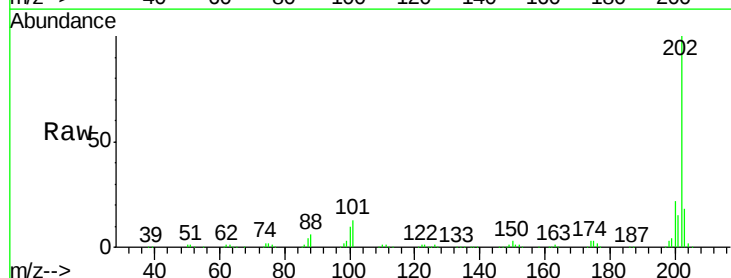
Instrument :
BNA_F
ClientSampleId :
PB86108BS

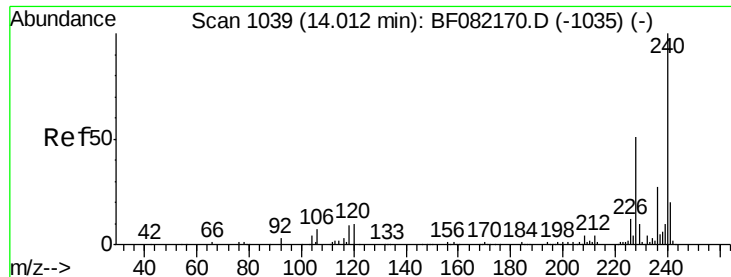
Tot Ion:149 Resp: 759096
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 33.54 ng
RT: 12.57 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion:202 Resp: 695030
Ion Ratio Lower Upper
202 100
101 12.7 0.0 29.3
203 18.4 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.08 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

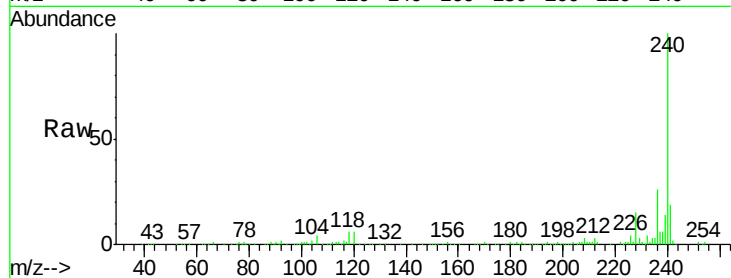
Tot Ion:240 Resp: 358460

Ion Ratio Lower Upper

240 100

120 6.1 8.1 12.1#

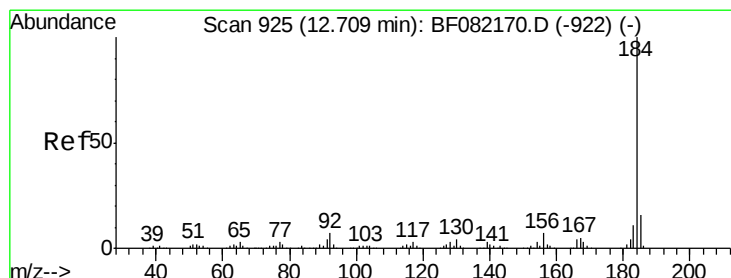
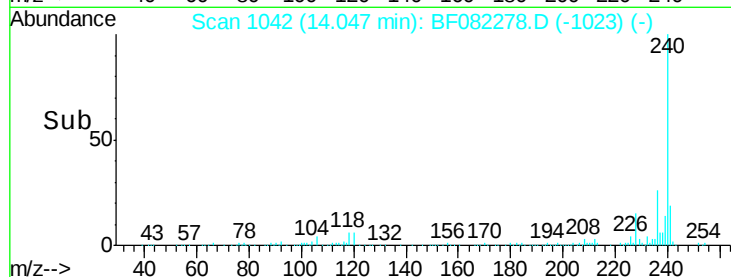
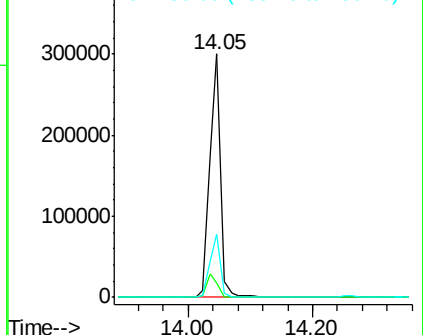
236 26.0 21.3 31.9



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: 33.20 ng

RT: 12.71 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

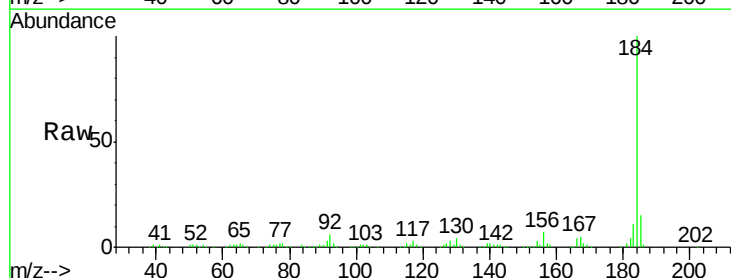
Tgt Ion:184 Resp: 344868

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

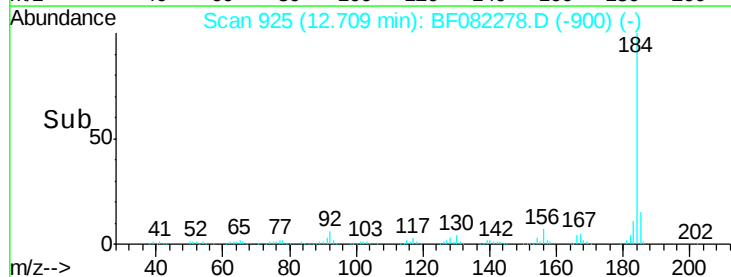
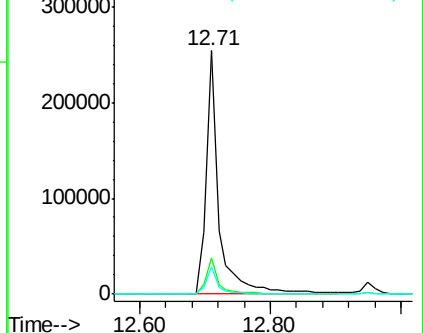
183 11.2 9.1 13.7

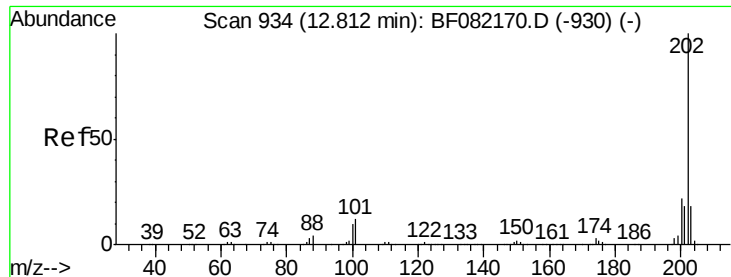


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

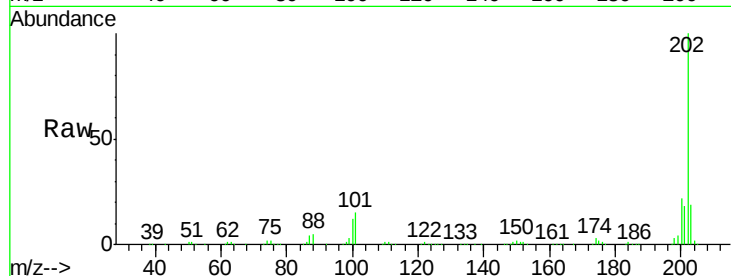




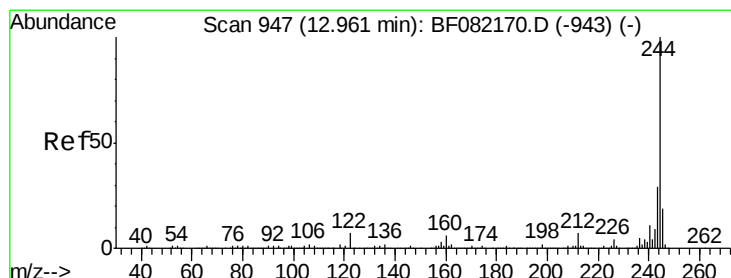
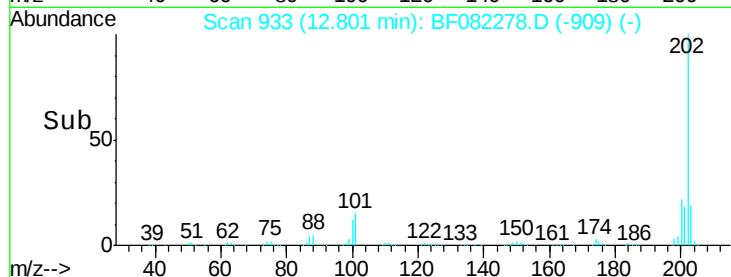
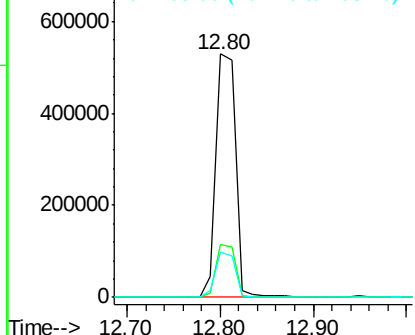
#77
Pvrene
Concen: 36.14 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.02 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Instrument :
BNA_F
ClientSampleId :
PB86108BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.9	26.9
203	18.6	14.5	21.7

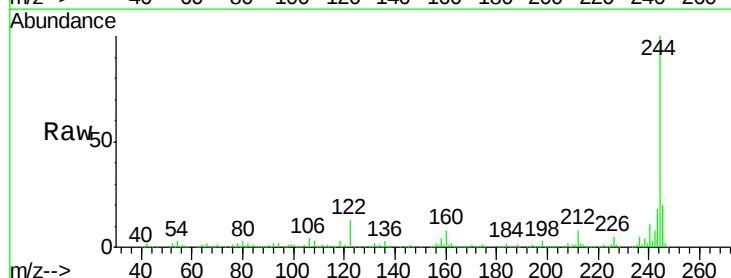


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

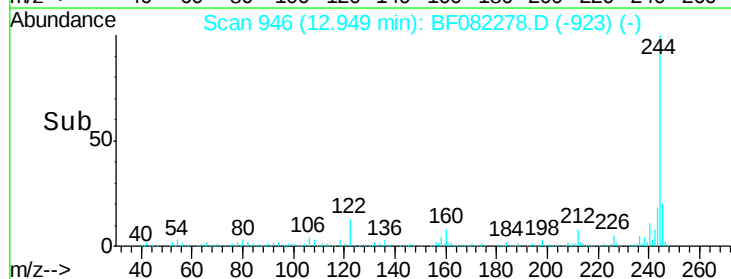
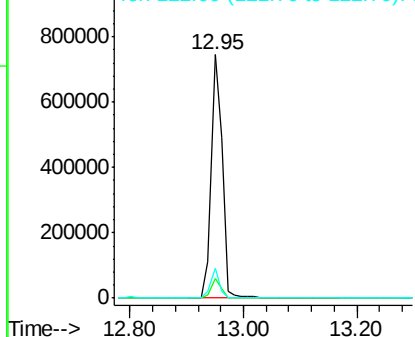


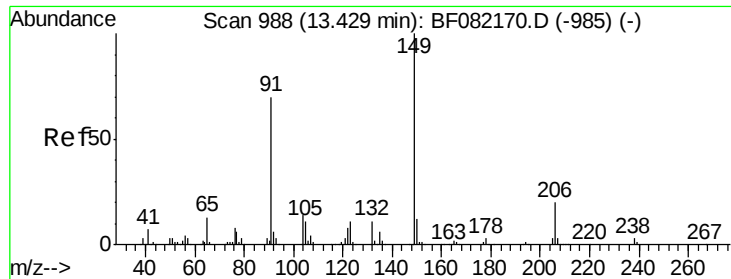
#78
Terphenyl-d14
Concen: 71.75 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.03 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	12.5	5.9	8.9#



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: 35.76 ng

RT: 13.44 min Scan# 989

Delta R.T. -0.05 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

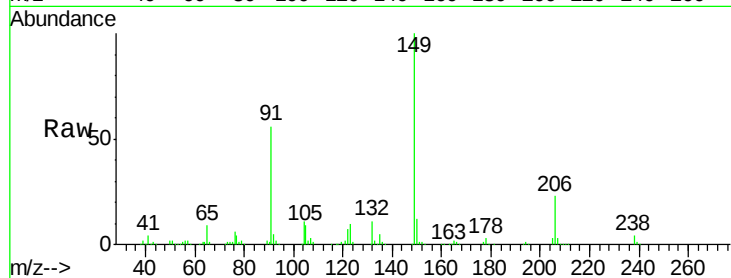
Tot Ion:149 Resp: 347145

Ion Ratio Lower Upper

149 100

91 56.1 55.7 83.5

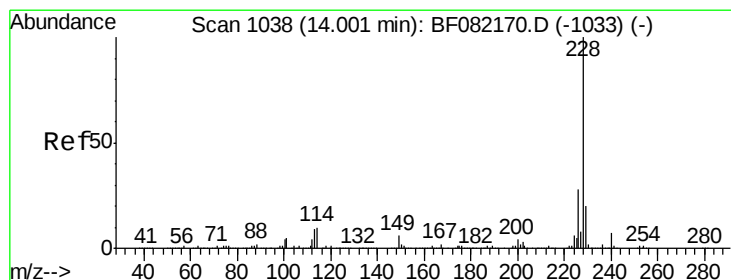
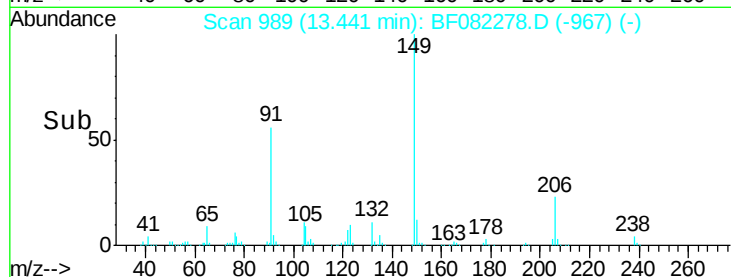
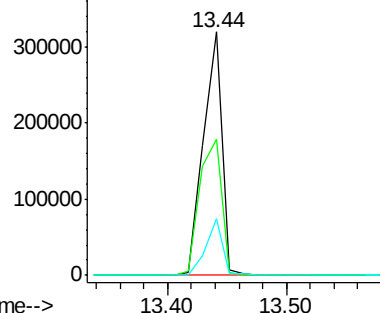
206 23.5 15.6 23.4#



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: 35.72 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.08 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

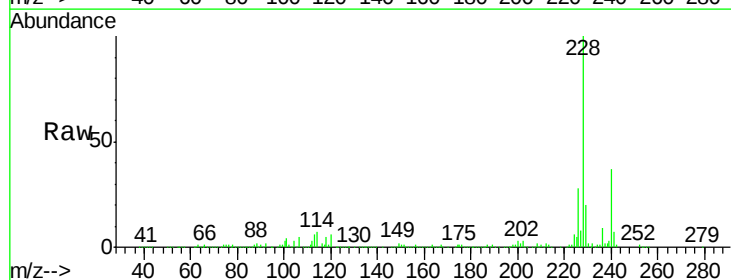
Tgt Ion:228 Resp: 666219

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

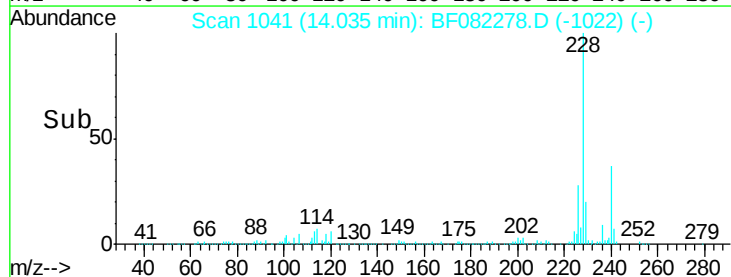
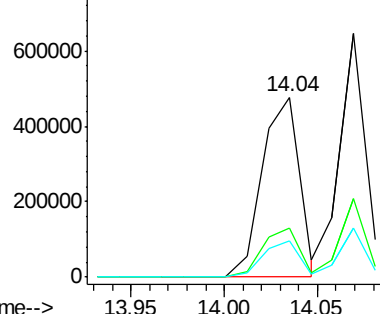
229 19.9 16.2 24.2

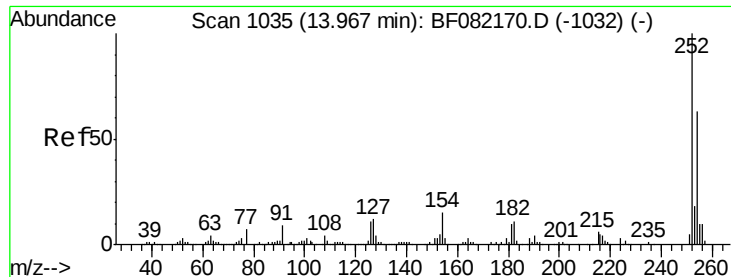


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

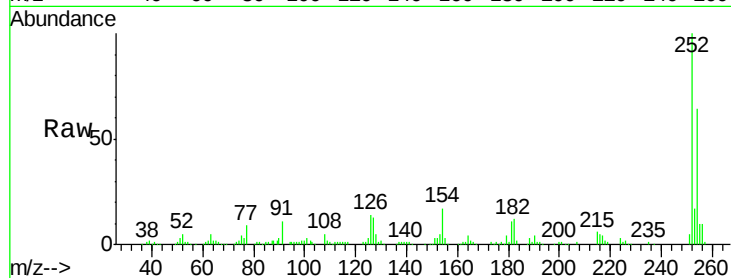




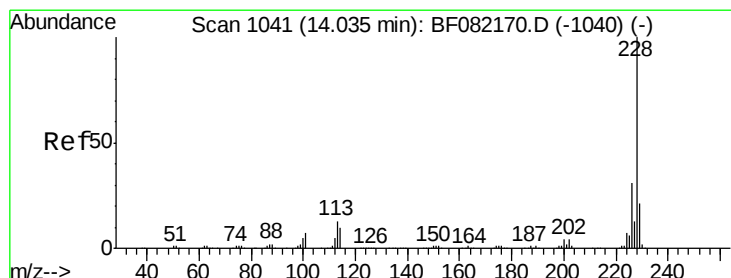
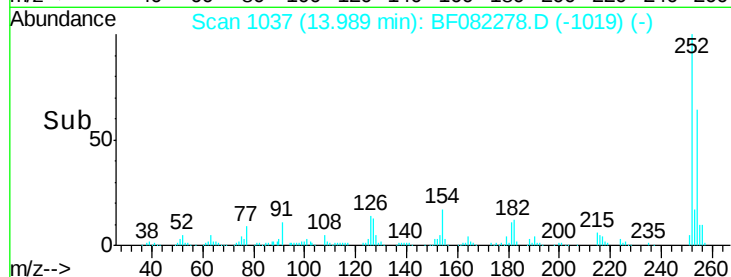
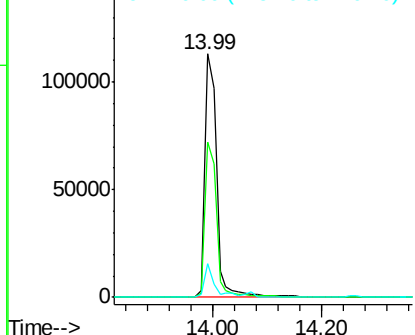
#81
 3,3'-Dichlorobenzidine
 Concen: 23.84 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.09 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

Tot Ion:252 Resp: 168795
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.7 76.1
 126 13.8 9.0 13.6#

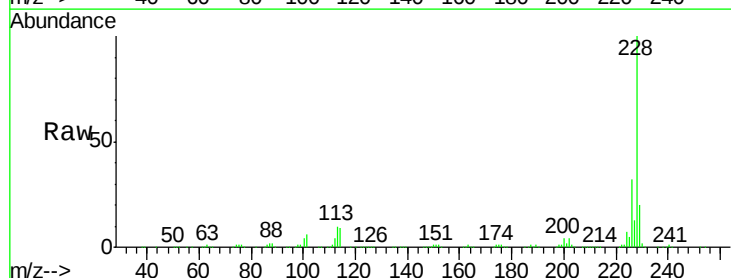


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

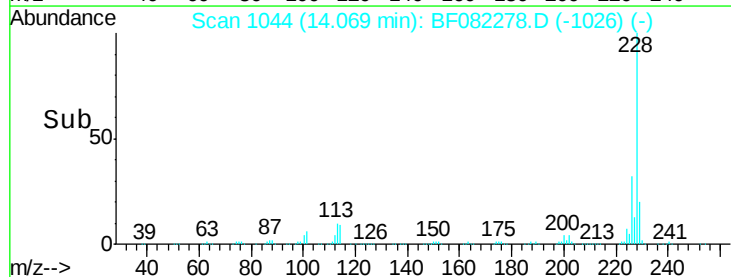
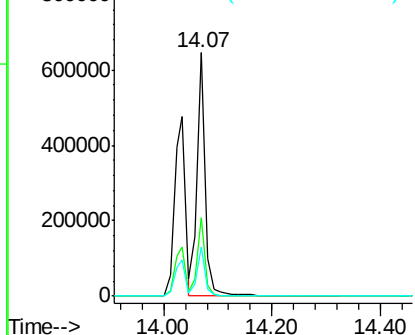


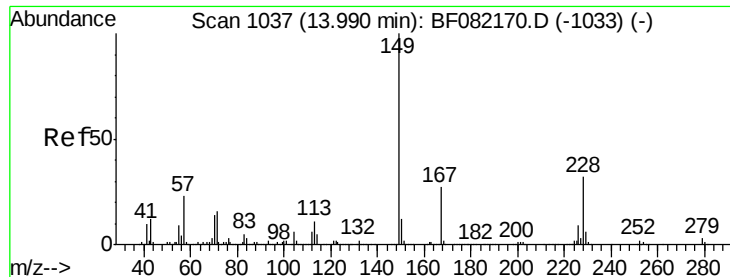
#82
 Chrysene
 Concen: 33.61 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.09 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion:228 Resp: 660515
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.4 36.6
 229 20.2 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

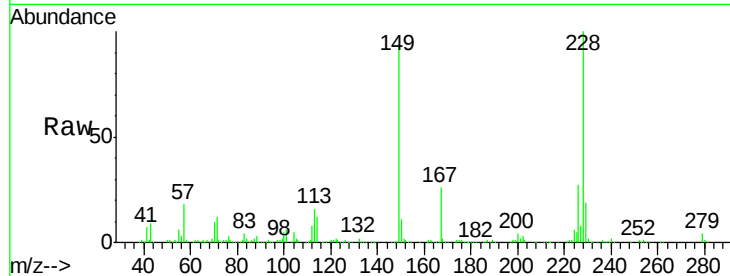




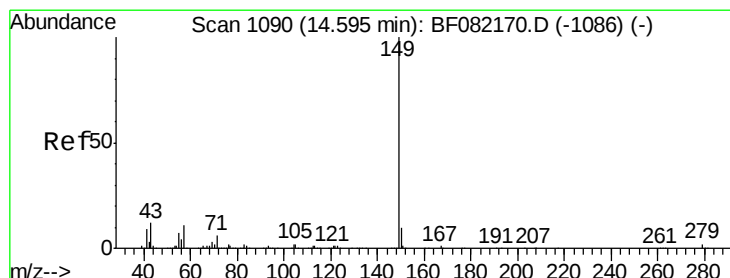
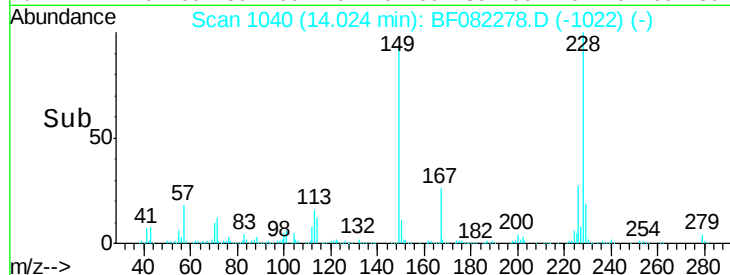
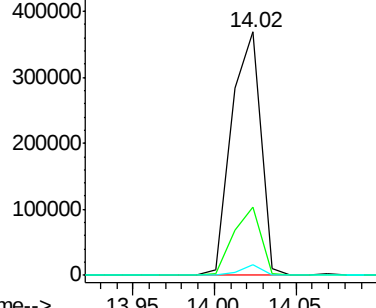
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.37 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.09 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86108BS

Tot Ion:149 Resp: 462217
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.3 31.9
 279 4.2 2.6 4.0#

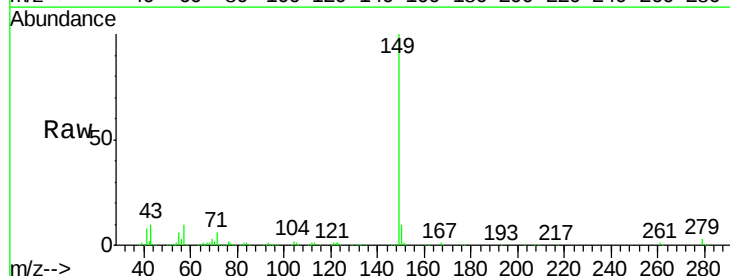


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

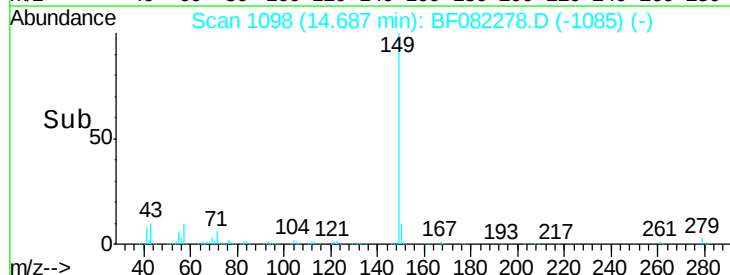
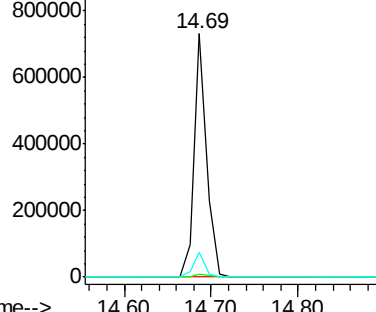


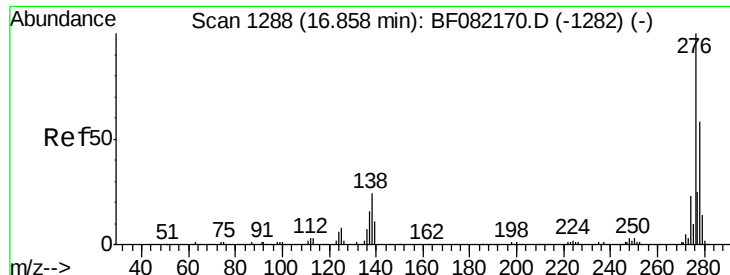
#84
 Di-n-octyl phthalate
 Concen: 30.92 ng
 RT: 14.69 min Scan# 1098
 Delta R.T. -0.15 min
 Lab File: BF082278.D
 Acq: 14 Oct 2015 14:33

Tgt Ion:149 Resp: 735527
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.6 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

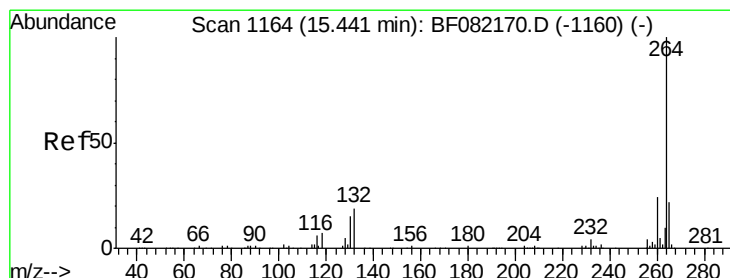
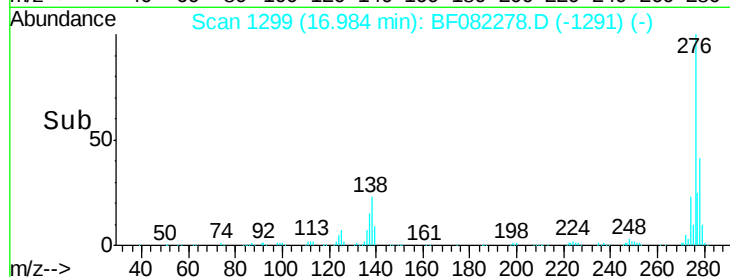
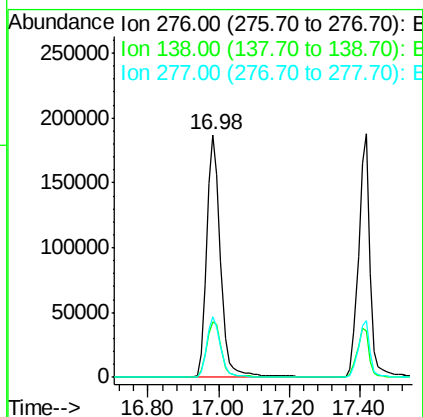
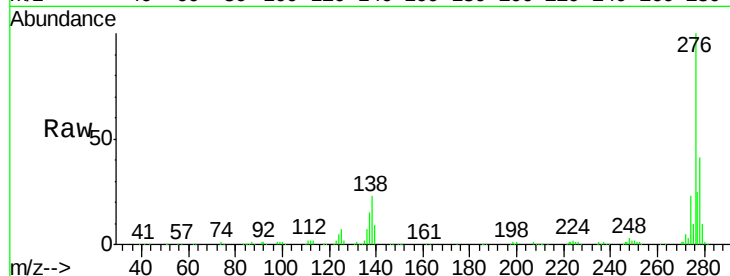




#85
Indeno(1,2,3-cd)pyrene
Concen: 33.32 ng
RT: 16.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

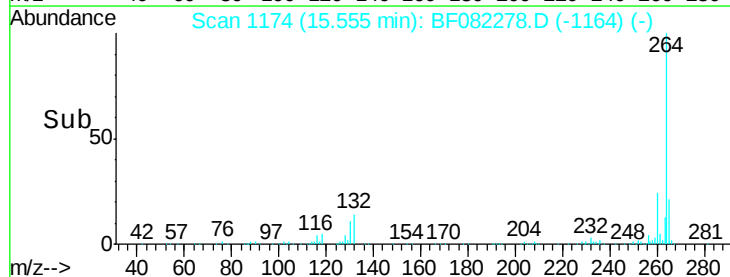
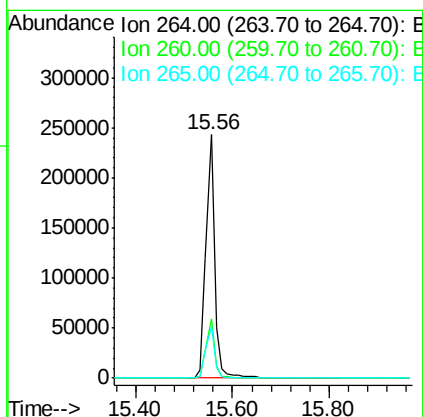
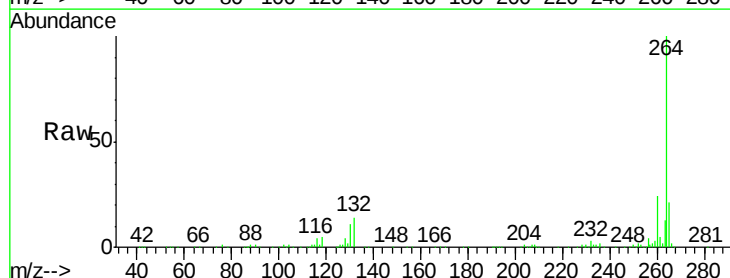
Instrument :
BNA_F
ClientSampleId :
PB86108BS

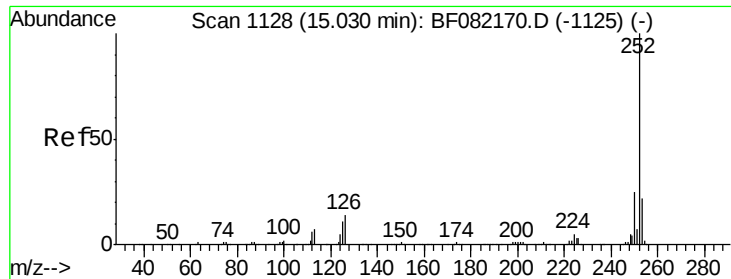
Tot Ion:276 Resp: 520480
Ion Ratio Lower Upper
276 100
138 24.5 19.7 29.5
277 24.8 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1174
Delta R.T. -0.18 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion:264 Resp: 309747
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 65.74 ng

RT: 15.17 min Scan# 1140

Delta R.T. -0.14 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

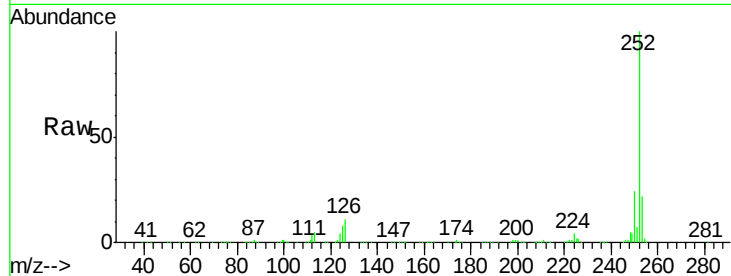
Tot Ion:252 Resp: 1238895

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

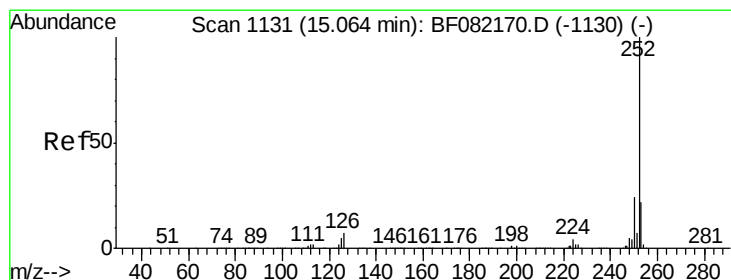
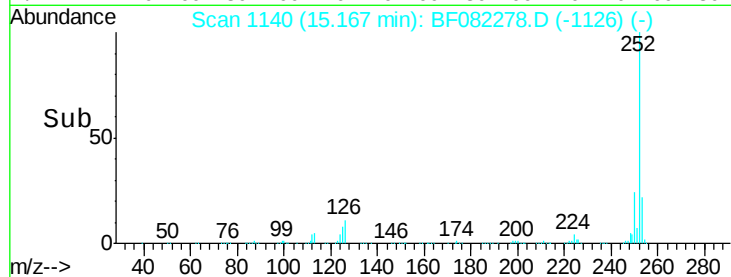
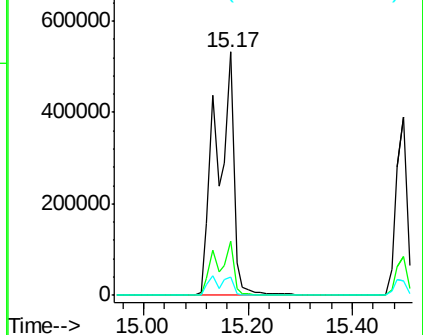
125 7.6 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 78.29 ng

RT: 15.17 min Scan# 1140

Delta R.T. -0.17 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

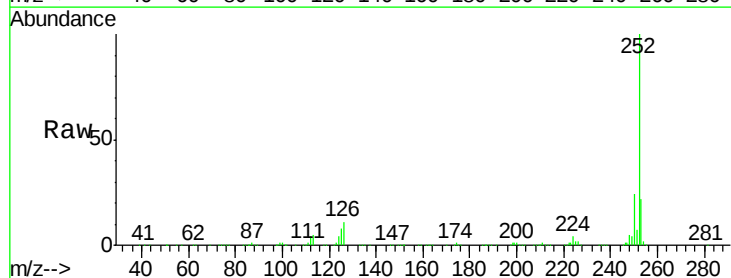
Tgt Ion:252 Resp: 1240070

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

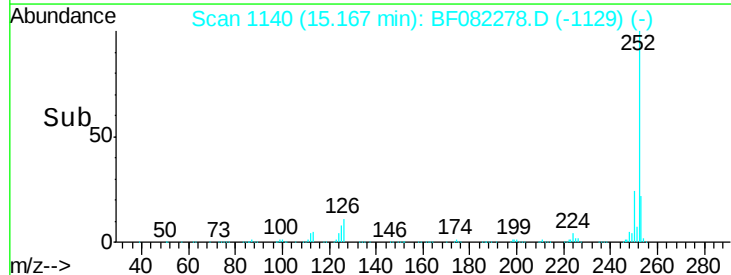
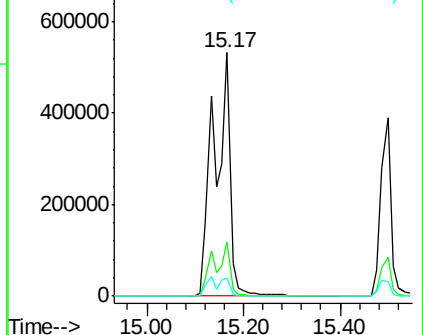
125 7.6 6.7 10.1

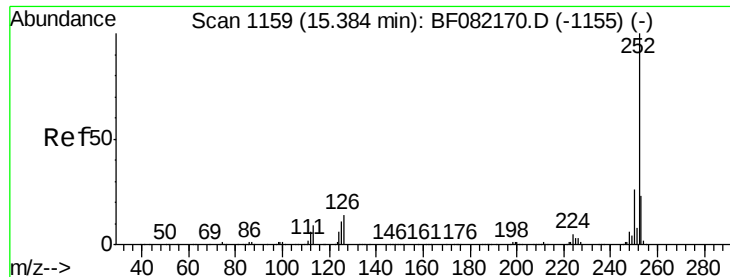


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

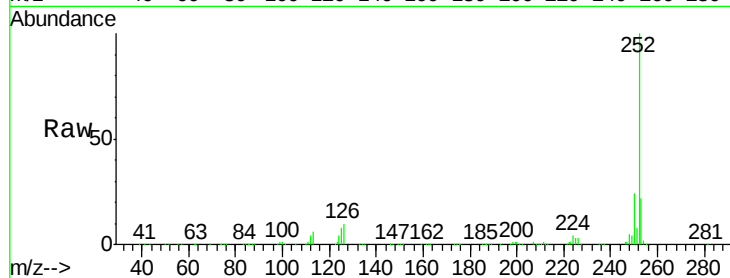




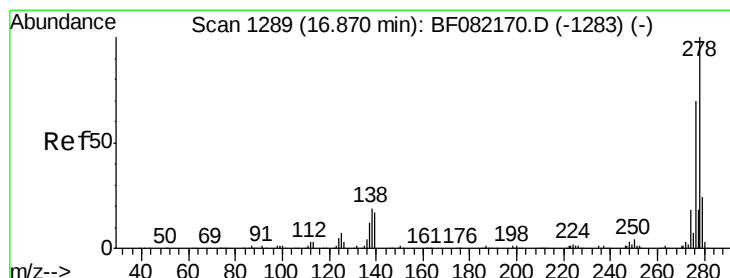
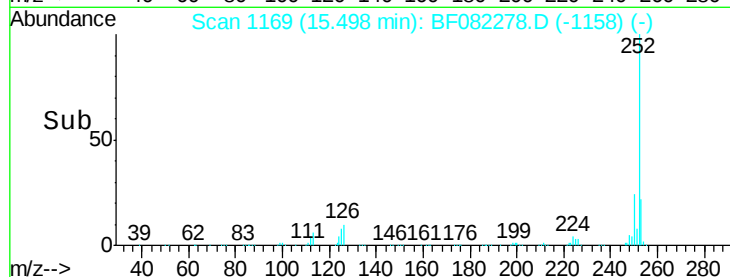
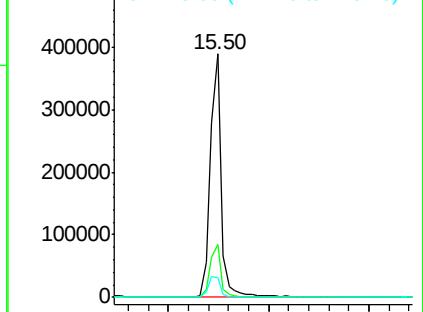
#89
Benzo(a)pyrene
Concen: 35.72 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.17 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Instrument :
BNA_F
ClientSampleId :
PB86108BS

Tot Ion:252 Resp: 578549
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 7.8 8.9 13.3#

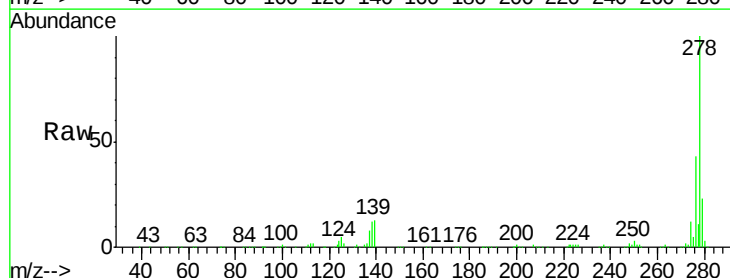


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

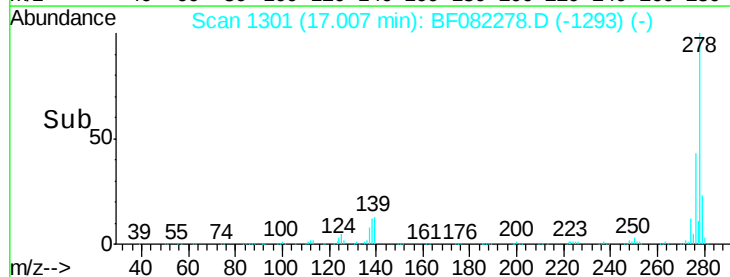
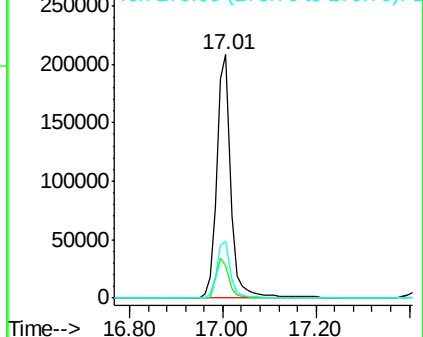


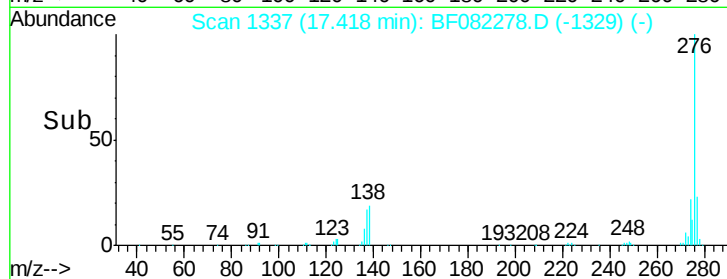
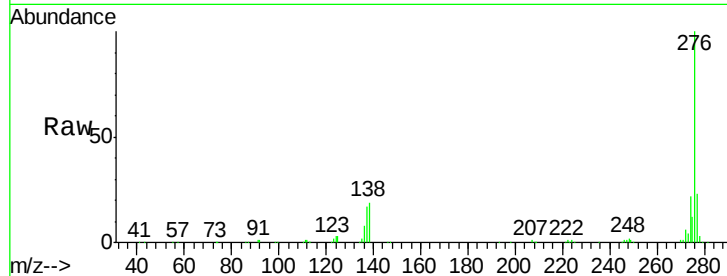
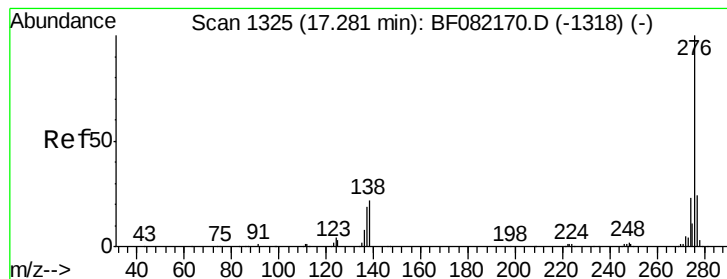
#90
Dibenzo(a,h)anthracene
Concen: 32.70 ng
RT: 17.01 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF082278.D
Acq: 14 Oct 2015 14:33

Tgt Ion:278 Resp: 434016
Ion Ratio Lower Upper
278 100
139 13.2 13.3 19.9#
279 23.2 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 32.94 ng

RT: 17.42 min Scan# 1337

Delta R.T. -0.21 min

Lab File: BF082278.D

Acq: 14 Oct 2015 14:33

Instrument :

BNA_F

ClientSampleId :

PB86108BS

Tot Ion:276 Resp: 424655

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 18.9 17.4 26.2

