

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082175.D
 Acq On : 10 Oct 2015 14:34
 Operator : UM/IZ
 Sample : PB86035BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Quant Time: Oct 12 01:53:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87174	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	350375	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	181011	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	342151	20.00	ng	0.00
75) Chrysene-d12	14.01	240	322863	20.00	ng	0.00
86) Perylene-d12	15.44	264	260217	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	529503	122.59	ng	0.01
7) Phenol-d6	6.48	99	700029	124.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	450570	86.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	199968	117.80	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	939647	86.09	ng	0.00
78) Terphenyl-d14	12.96	244	1030340	84.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	66600	30.69	ng	93
3) Pyridine	3.21	79	173028	34.28	ng	96
4) n-Nitrosodimethylamine	3.18	42	80331	37.53	ng	96
6) Aniline	6.50	93	244796	33.78	ng	98
8) 2-Chlorophenol	6.63	128	213385	40.47	ng	99
9) Benzaldehyde	6.39	77	105923	36.90	ng	95
10) Phenol	6.49	94	281359	43.42	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	228549	41.70	ng	97
12) 1,3-Dichlorobenzene	6.78	146	243313	39.62	ng	99
13) 1,4-Dichlorobenzene	6.86	146	255070	39.77	ng	99
14) 1,2-Dichlorobenzene	7.01	146	229582	37.70	ng	98
15) Benzyl Alcohol	6.98	79	164183	42.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	300674	39.40	ng	100
17) 2-Methylphenol	7.10	107	165844	39.77	ng	98
18) Hexachloroethane	7.35	117	87917	40.05	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	145839	36.95	ng	# 88
20) 3+4-Methylphenols	7.26	107	214456	43.16	ng	94
22) Acetophenone	7.26	105	287804	41.52	ng	# 97
24) Nitrobenzene	7.43	77	220943	39.12	ng	94
25) Isophorone	7.67	82	416224	39.53	ng	98
26) 2-Nitrophenol	7.75	139	122170	43.32	ng	93
27) 2,4-Dimethylphenol	7.78	122	192048	42.27	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	250343	40.86	ng	98
29) 2,4-Dichlorophenol	7.99	162	207843	45.76	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	211094	40.33	ng	98
31) Naphthalene	8.15	128	627656	41.33	ng	100
32) Benzoic acid	7.92	122	128409	42.11	ng	98
33) 4-Chloroaniline	8.21	127	172145	27.29	ng	95
34) Hexachlorobutadiene	8.26	225	132785	40.71	ng	99
35) Caprolactam	8.63	113	17136	13.00	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	190213	42.83	ng	99
37) 2-Methylnaphthalene	8.85	142	437976	41.60	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	214982	39.93	ng	98
40) Hexachlorocyclopentadiene	8.99	237	233883	85.24	ng	99

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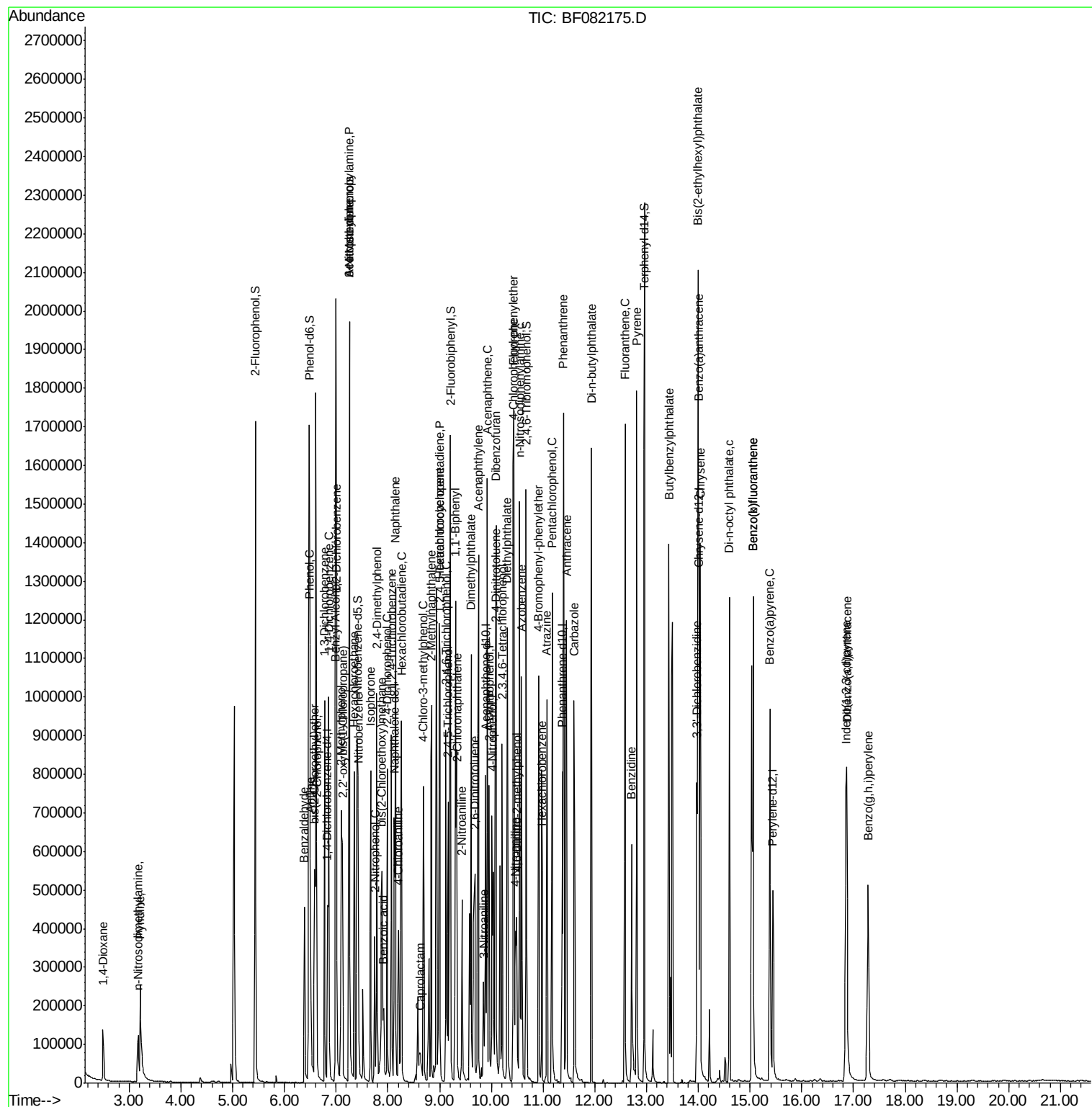
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	139068	38.89	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	155001	40.01	ng	99
45) 1,1'-Biphenyl	9.30	154	513407	37.20	ng	98
46) 2-Chloronaphthalene	9.34	162	421293	38.77	ng	97
47) 2-Nitroaniline	9.43	65	119064	39.91	ng	97
48) Acenaphthylene	9.75	152	687347	40.61	ng	99
49) Dimethylphthalate	9.61	163	498948	39.14	ng	100
50) 2,6-Dinitrotoluene	9.68	165	112589	41.86	ng	# 86
51) Acenaphthene	9.92	154	408067	40.16	ng	99
52) 3-Nitroaniline	9.85	138	76834	25.29	ng	95
53) 2,4-Dinitrophenol	9.95	184	126444	83.80	ng	95
54) Dibenzofuran	10.09	168	602632	43.20	ng	99
55) 4-Nitrophenol	10.01	139	147806	72.98	ng	86
56) 2,4-Dinitrotoluene	10.08	165	147703	43.94	ng	98
57) Fluorene	10.43	166	485502	42.37	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	133601	42.21	ng	97
59) Diethylphthalate	10.31	149	473881	39.88	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	207018	39.44	ng	99
61) 4-Nitroaniline	10.47	138	118694	40.28	ng	95
62) Azobenzene	10.58	77	466932	40.15	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	84605	44.06	ng	90
65) n-Nitrosodiphenylamine	10.55	169	422344	41.23	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	140118	40.92	ng	99
67) Hexachlorobenzene	10.98	284	152907	41.29	ng	98
68) Atrazine	11.07	200	122448	37.73	ng	98
69) Pentachlorophenol	11.18	266	178162	93.49	ng	98
70) Phenanthrene	11.39	178	690315	41.16	ng	100
71) Anthracene	11.45	178	760080	43.98	ng	99
72) Carbazole	11.60	167	626551	39.74	ng	100
73) Di-n-butylphthalate	11.93	149	804160	41.35	ng	99
74) Fluoranthene	12.58	202	773631	42.95	ng	99
76) Benzidine	12.71	184	358320	38.30	ng	98
77) Pyrene	12.81	202	776168	40.51	ng	100
79) Butylbenzylphthalate	13.43	149	333035	38.09	ng	98
80) Benzo(a)anthracene	14.00	228	670545	39.92	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	187576	29.42	ng	100
82) Chrysene	14.04	228	609563	34.44	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	496262	39.78	ng	100
84) Di-n-octyl phthalate	14.60	149	809233	37.77	ng	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	548614	39.00	ng	100
87) Benzo(b)fluoranthene	15.06	252	1216167	76.82	ng	# 97
88) Benzo(k)fluoranthene	15.06	252	1217400	91.49	ng	100
89) Benzo(a)pyrene	15.38	252	565869	41.59	ng	100
90) Dibenzo(a,h)anthracene	16.87	278	462686	41.50	ng	100
91) Benzo(g,h,i)perylene	17.28	276	446014	41.18	ng	99

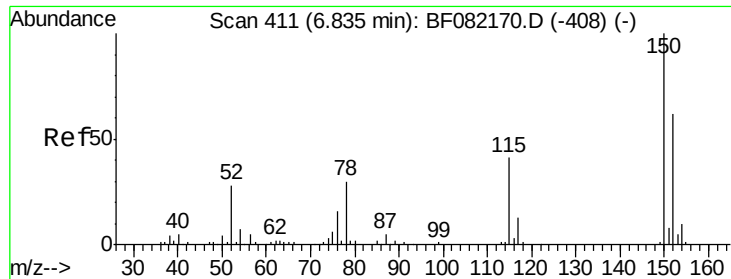
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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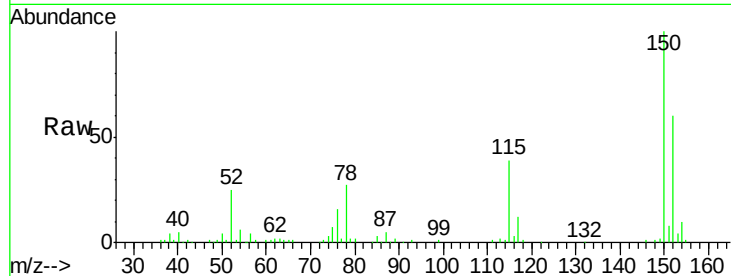


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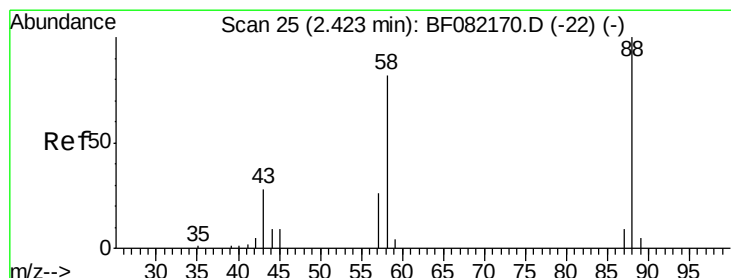
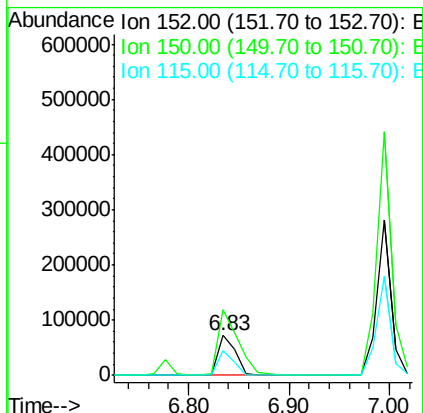
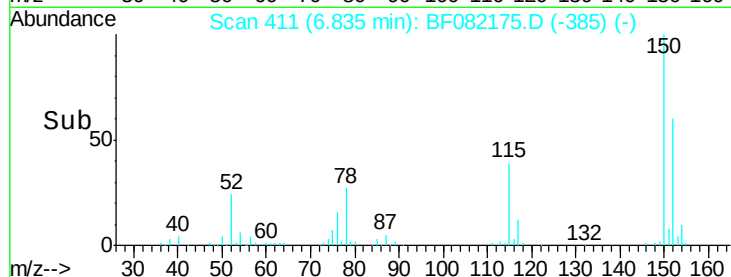
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

Tgt Ion:152 Resp: 87174
Ion Ratio Lower Upper
152 100
150 165.3 129.0 193.4
115 63.8 52.1 78.1



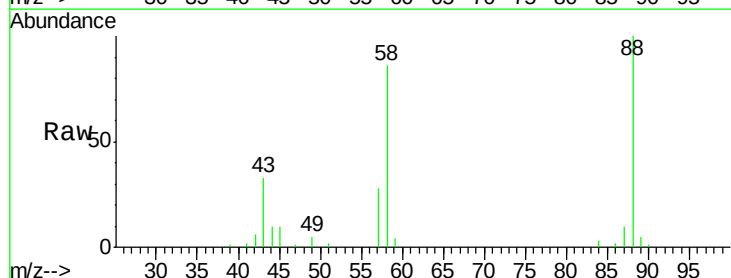
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



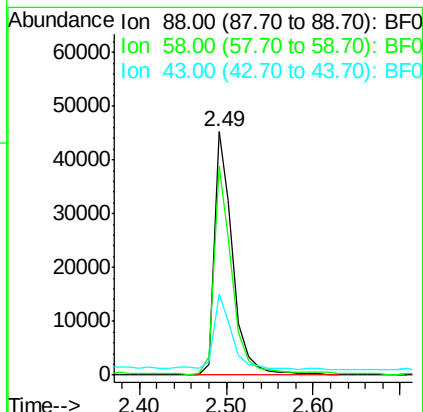
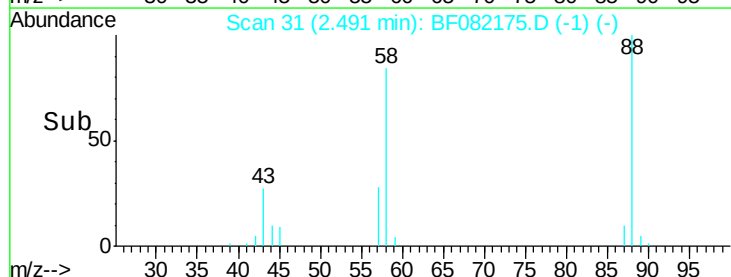
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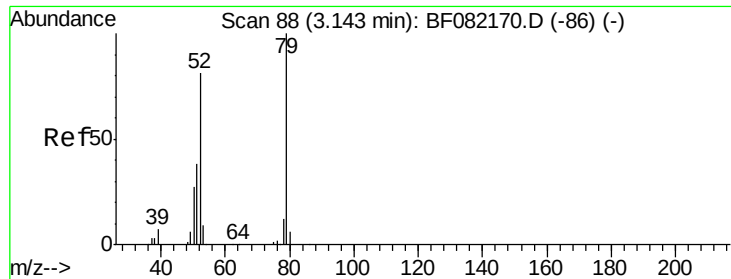
1,4-Dioxane
Concen: 30.69 ng
RT: 2.49 min Scan# 31
Delta R.T. 0.07 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion: 88 Resp: 66600
Ion Ratio Lower Upper
88 100
58 88.9 66.2 99.4
43 32.1 23.0 34.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

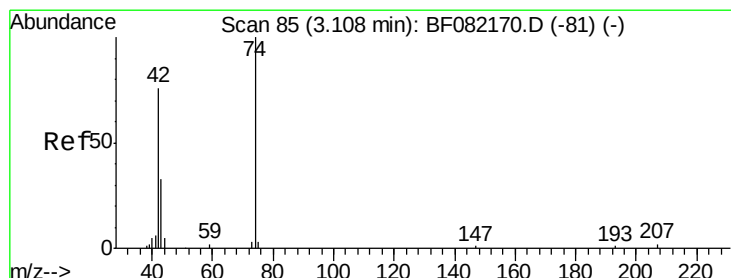
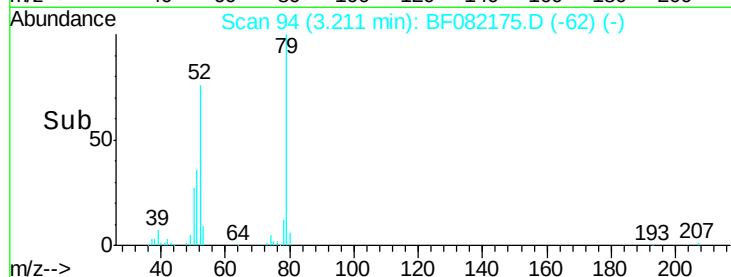
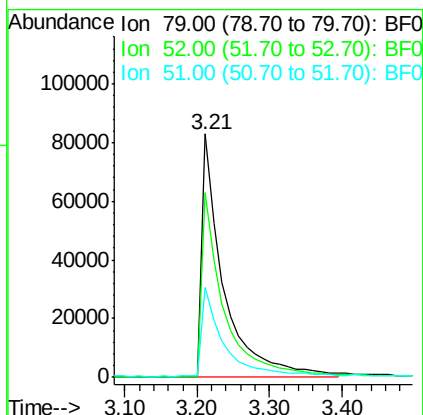
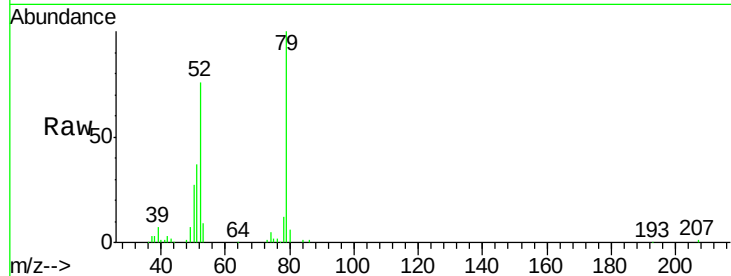




#3
 Pyridine
 Concen: 34.28 ng
 RT: 3.21 min Scan# 94
 Delta R.T. 0.07 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

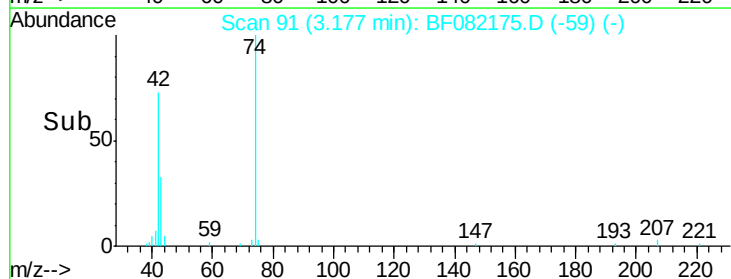
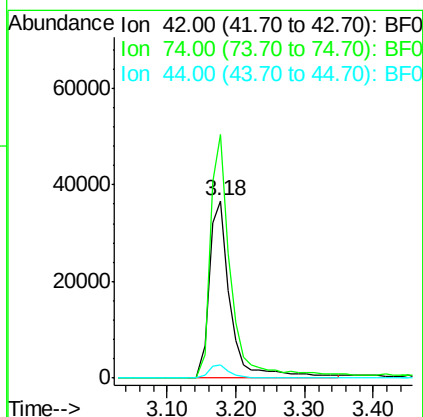
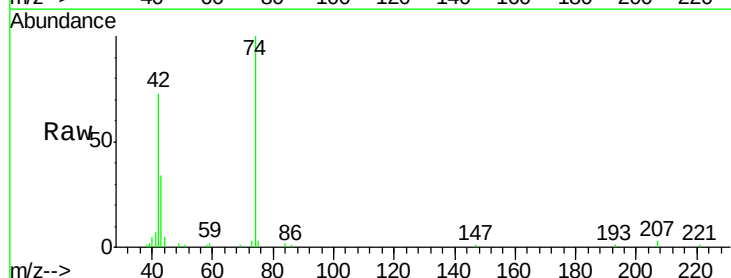
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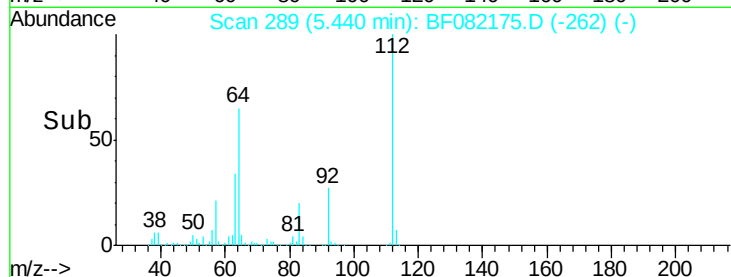
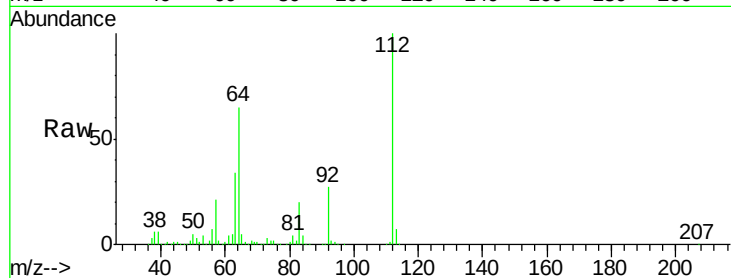
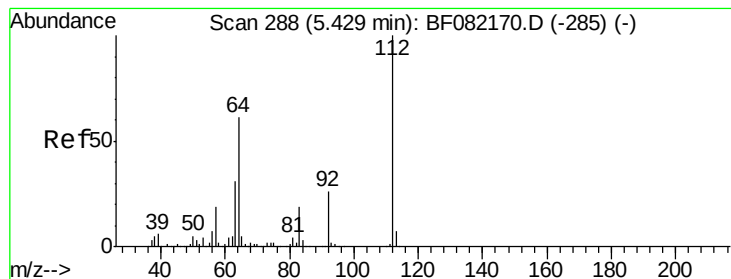
Tgt Ion: 79 Resp: 173028
 Ion Ratio Lower Upper
 79 100
 52 76.0 64.4 96.6
 51 36.8 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 37.53 ng
 RT: 3.18 min Scan# 91
 Delta R.T. 0.07 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion: 42 Resp: 80331
 Ion Ratio Lower Upper
 42 100
 74 137.5 105.7 158.5
 44 7.5 5.4 8.2





#5

2-Fluorophenol

Concen: 122.59 ng

RT: 5.44 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

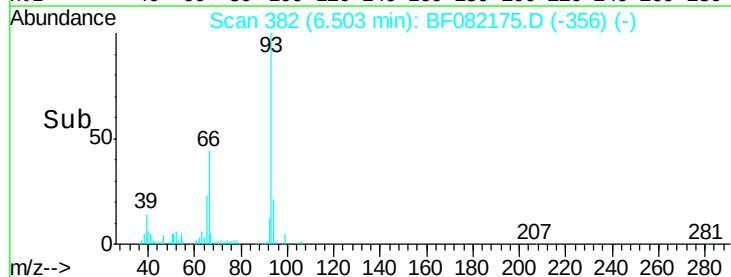
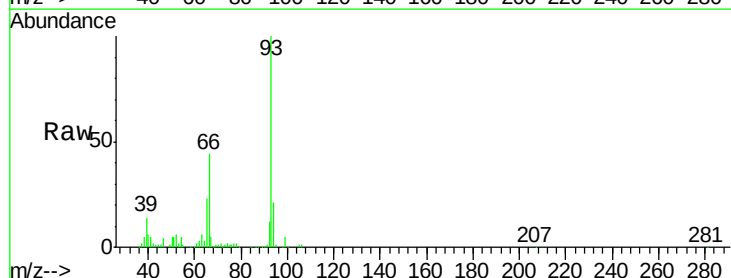
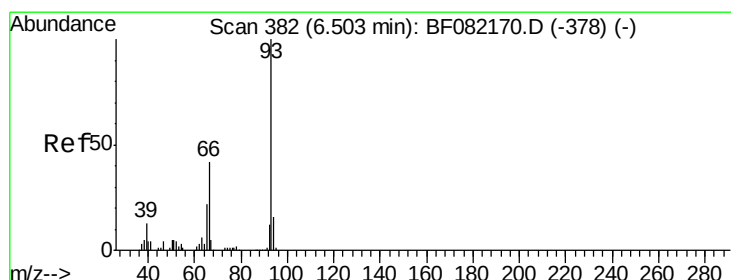
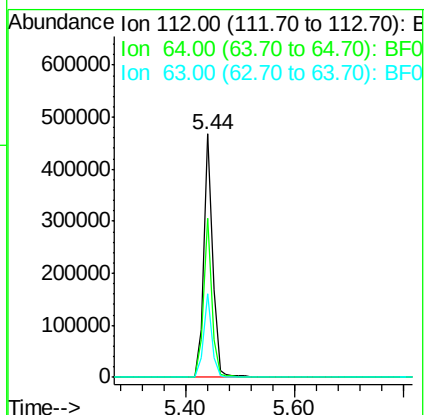
Tgt Ion: 112 Resp: 529503

Ion Ratio Lower Upper

112 100

64 65.3 48.6 73.0

63 34.3 25.1 37.7



#6

Aniline

Concen: 33.78 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

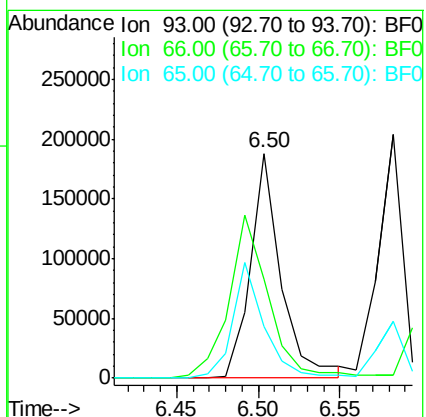
Tgt Ion: 93 Resp: 244796

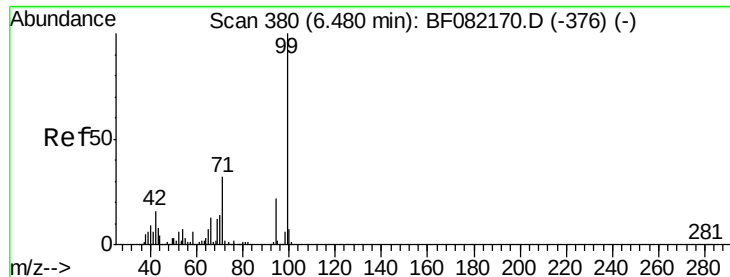
Ion Ratio Lower Upper

93 100

66 43.9 34.2 51.2

65 23.1 17.9 26.9





#7

Phenol-d6

Concen: 124.54 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

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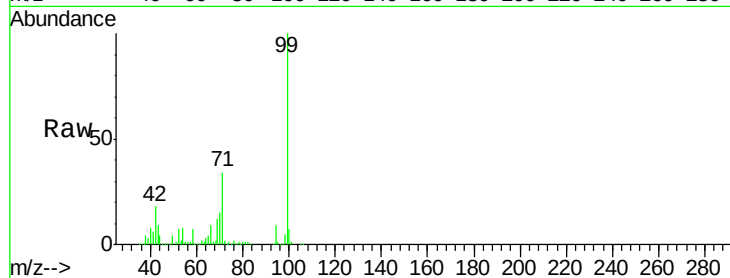
Tgt Ion: 99 Resp: 700029

Ion Ratio Lower Upper

99 100

42 17.6 13.2 19.8

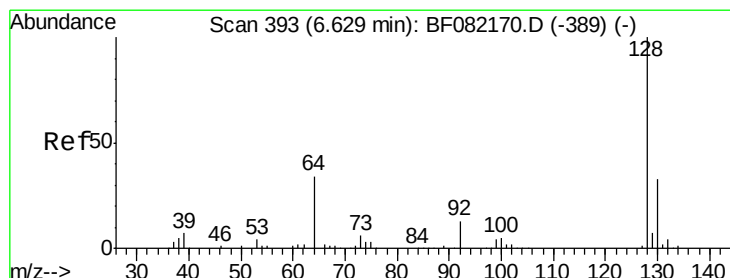
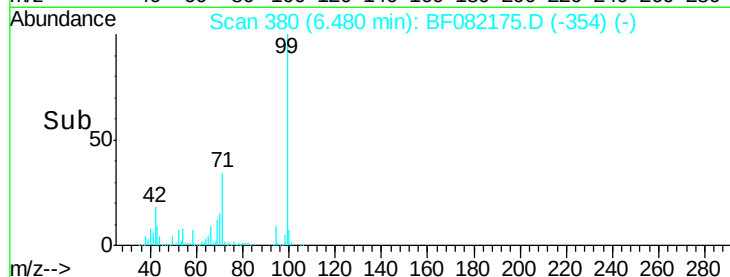
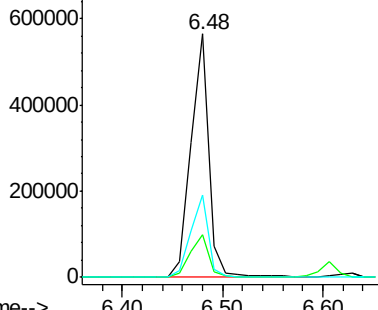
71 33.6 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.47 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF082175.D

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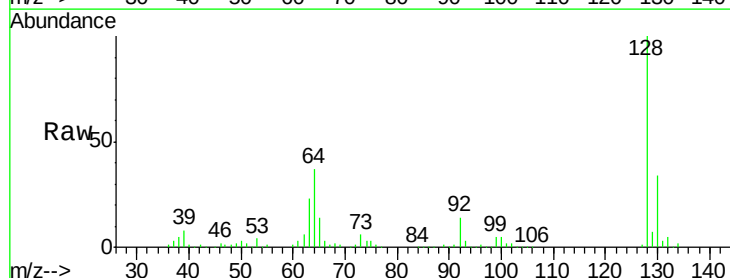
Tgt Ion: 128 Resp: 213385

Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

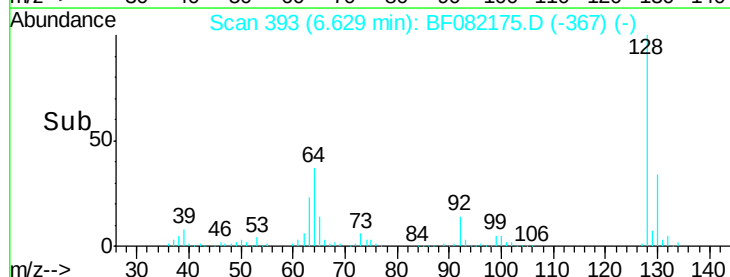
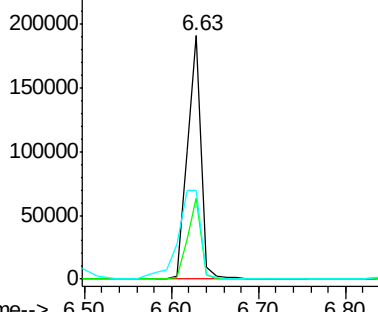
64 36.7 16.7 56.7

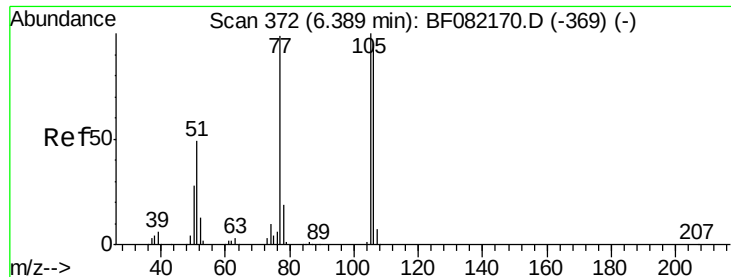


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.90 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

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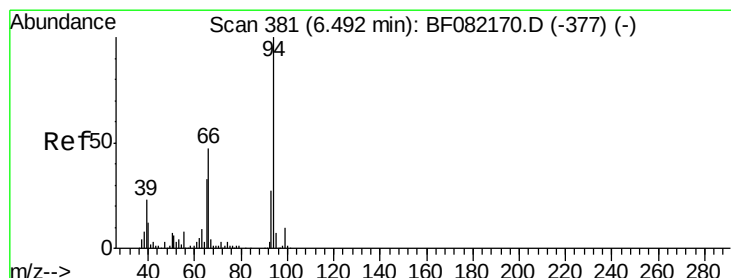
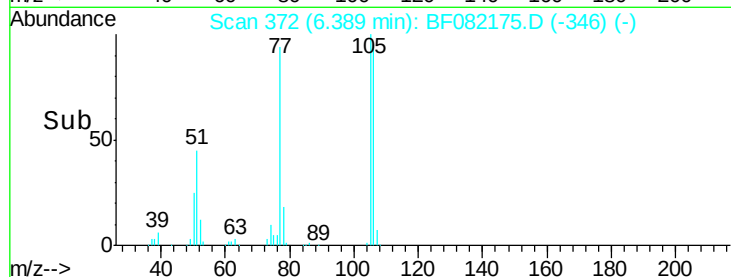
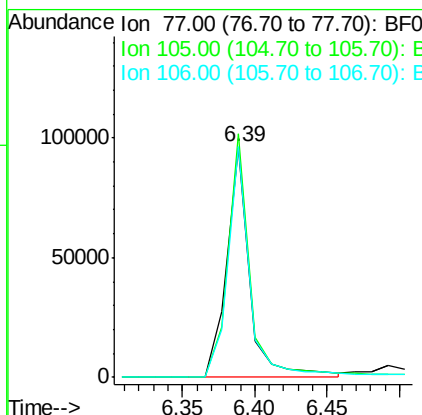
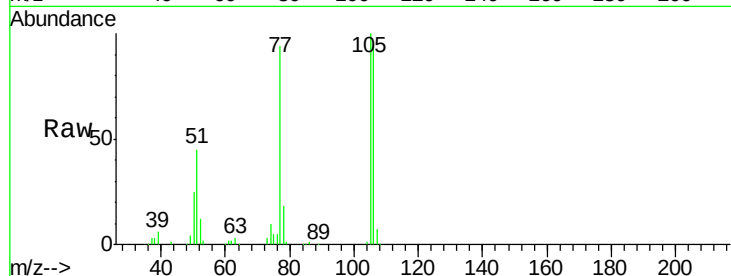
Tgt Ion: 77 Resp: 105923

Ion Ratio Lower Upper

77 100

105 106.0 80.6 120.6

106 100.4 75.5 115.5



#10

Phenol

Concen: 43.42 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

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Acq: 10 Oct 2015 14:34

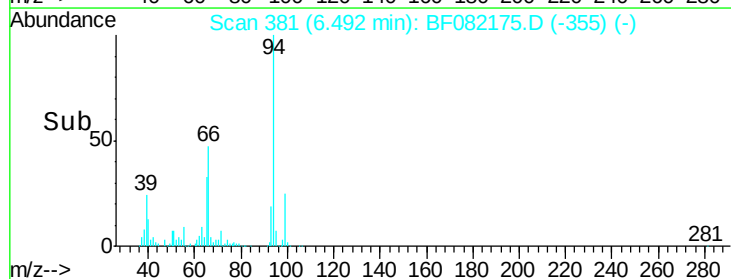
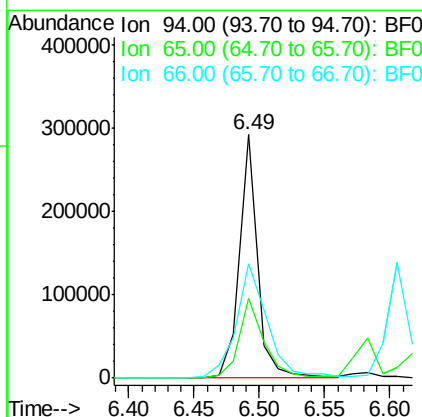
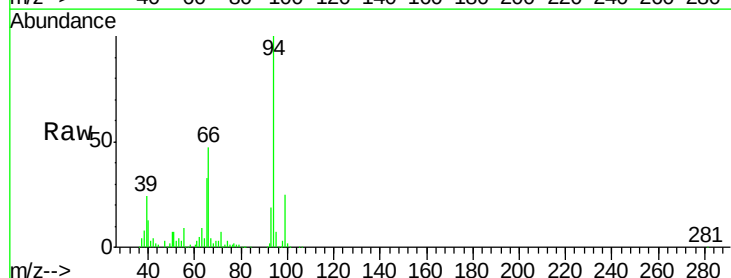
Tgt Ion: 94 Resp: 281359

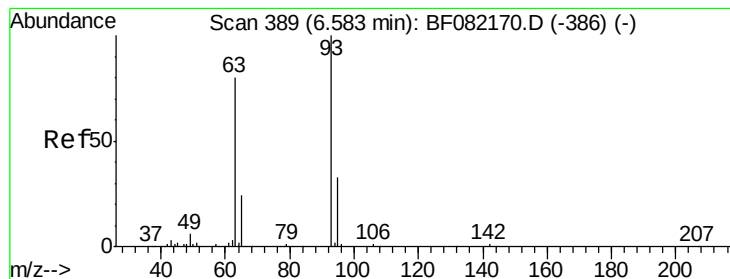
Ion Ratio Lower Upper

94 100

65 33.0 12.6 52.6

66 46.8 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 41.70 ng

RT: 6.58 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

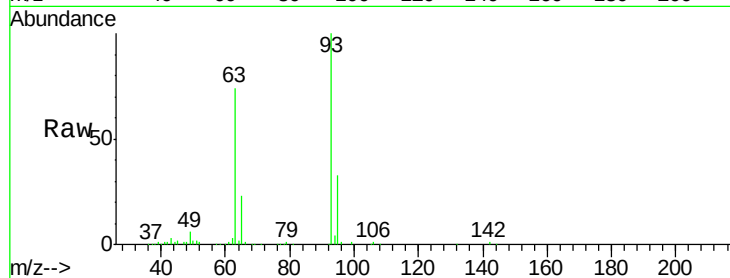
Tgt Ion: 93 Resp: 228549

Ion Ratio Lower Upper

93 100

63 73.9 57.1 97.1

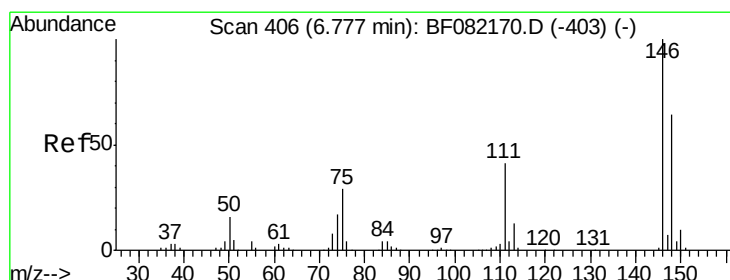
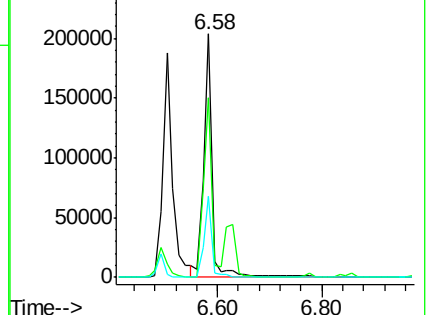
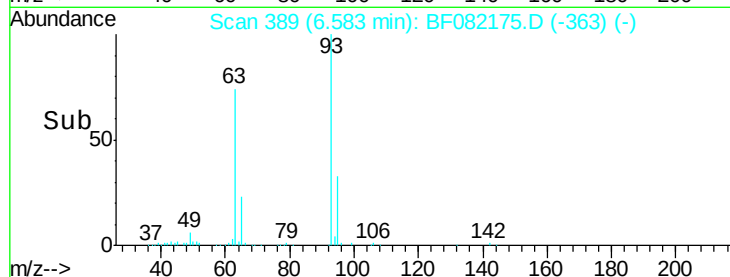
95 33.1 11.9 51.9



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: 39.62 ng

RT: 6.78 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

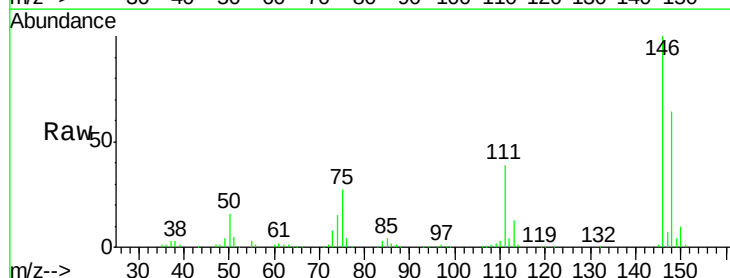
Tgt Ion: 146 Resp: 243313

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

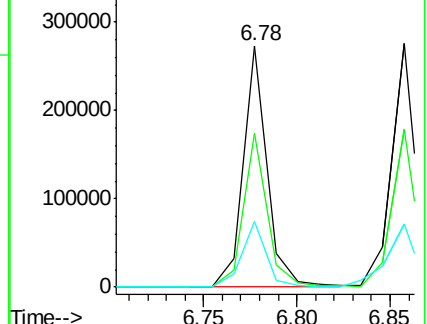
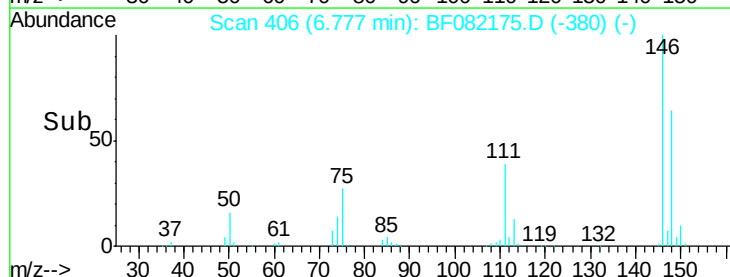
75 27.1 23.0 34.6

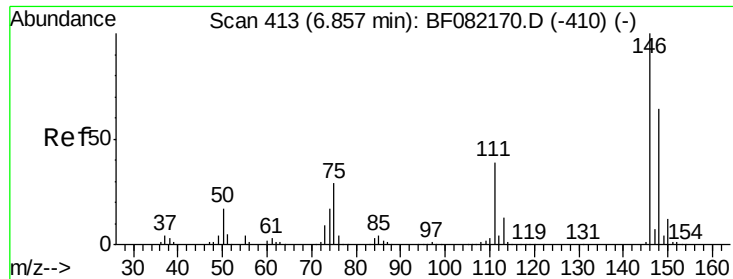


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

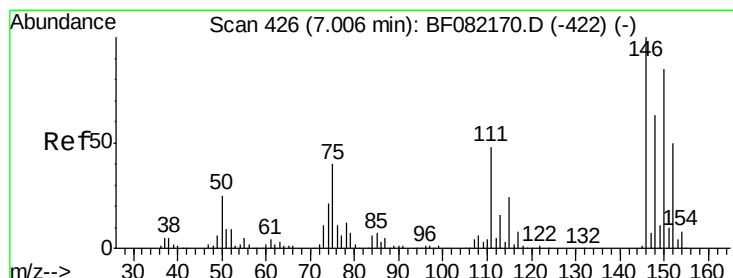
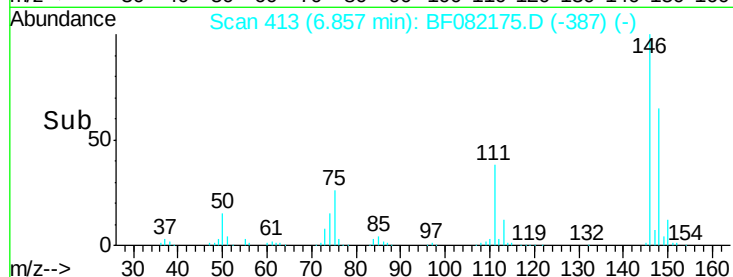
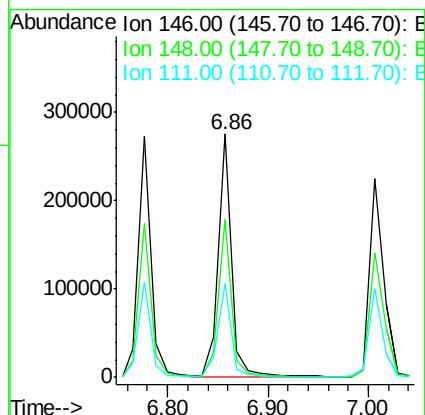
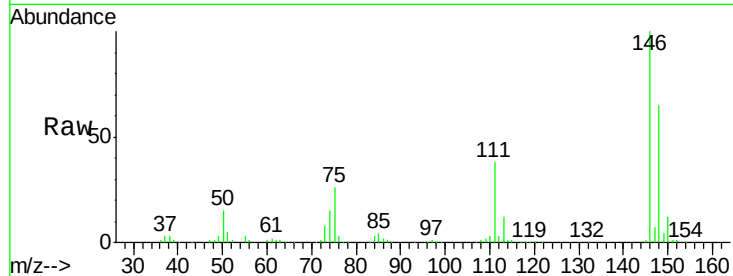




#13
 1,4-Dichlorobenzene
 Concen: 39.77 ng
 RT: 6.86 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

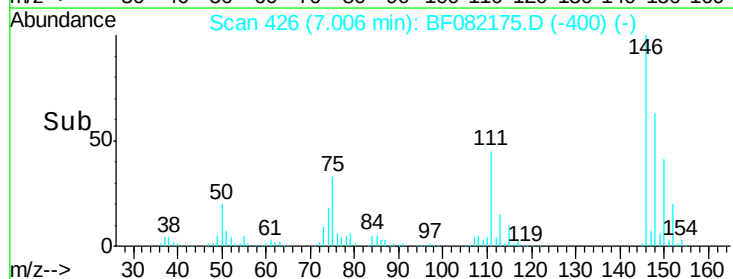
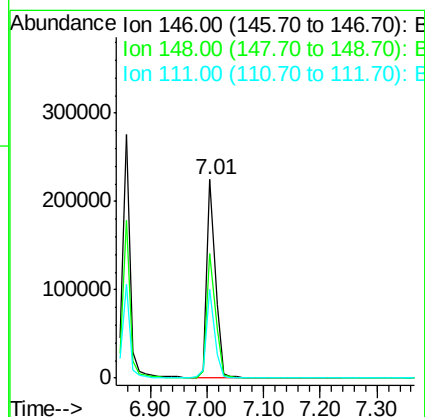
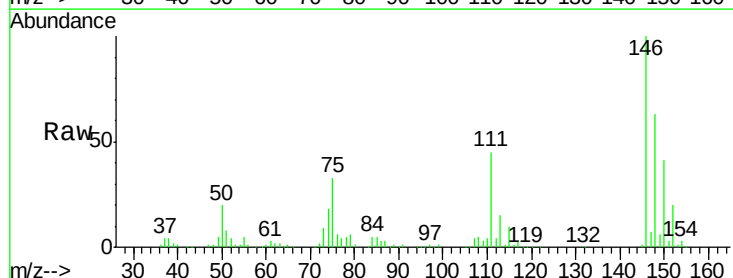
Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

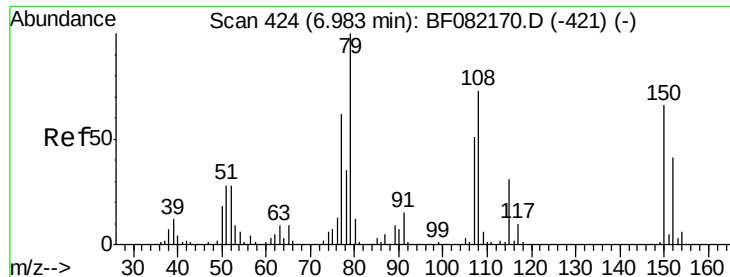
Tgt Ion:146 Resp: 255070
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.4
 111 38.4 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 37.70 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion:146 Resp: 229582
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.5 75.7
 111 44.9 38.5 57.7

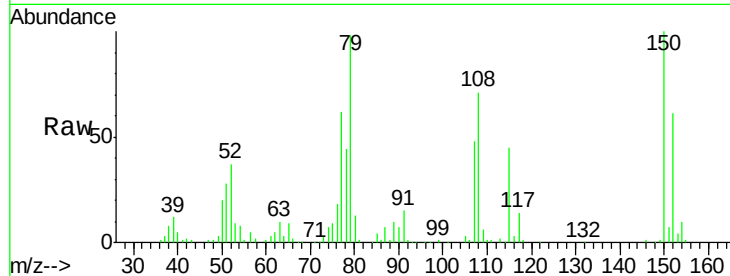




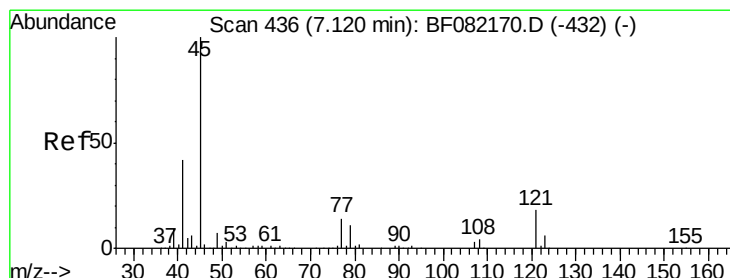
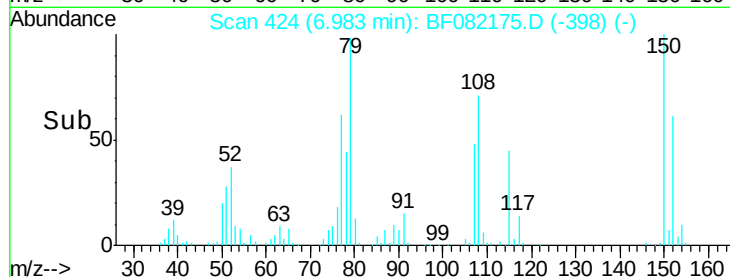
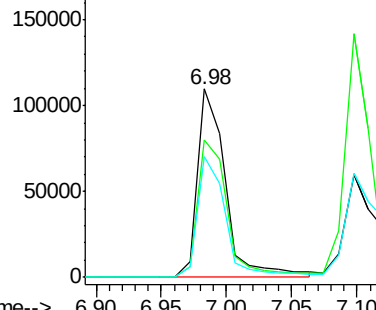
#15
Benzyl Alcohol
Concen: 42.31 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86035BS

Tgt Ion: 79 Resp: 164183
Ion Ratio Lower Upper
79 100
108 72.8 58.4 87.6
77 63.9 49.8 74.6

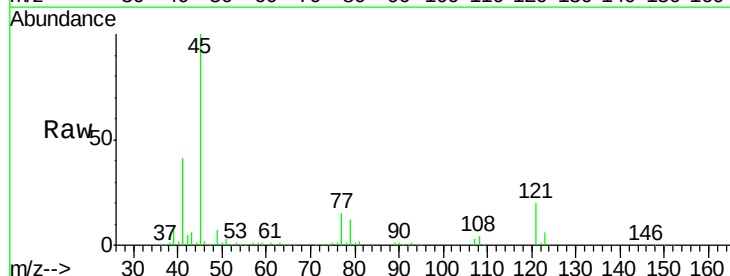


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

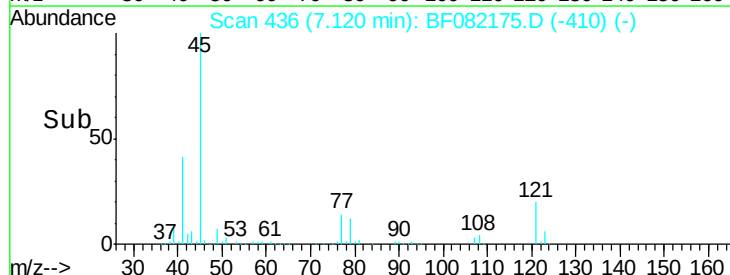
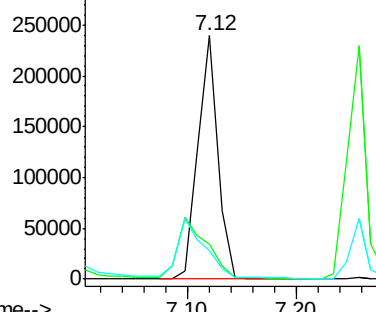


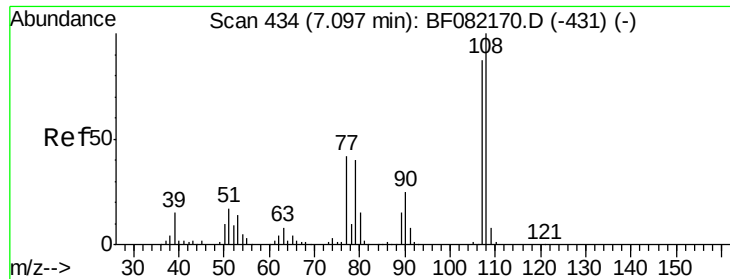
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.40 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion: 45 Resp: 300674
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.5
79 11.8 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

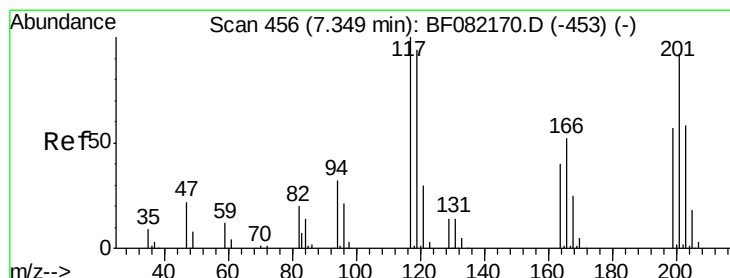
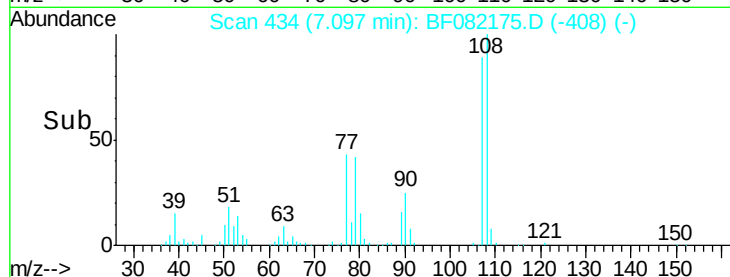
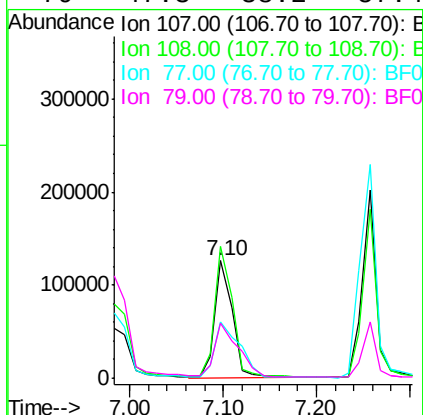
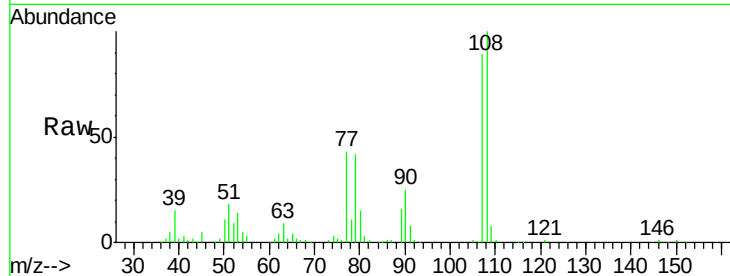




#17
2-Methylphenol
Concen: 39.77 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

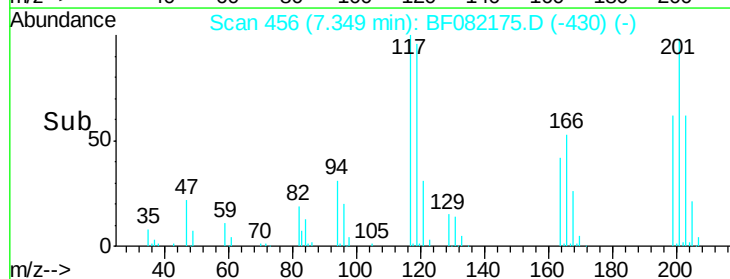
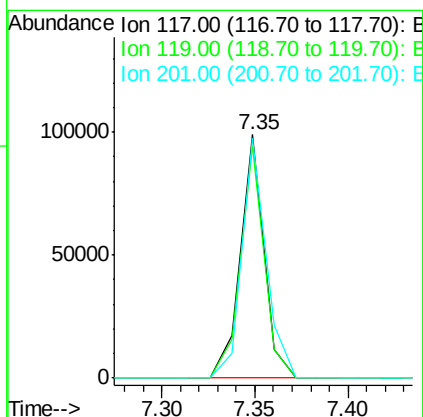
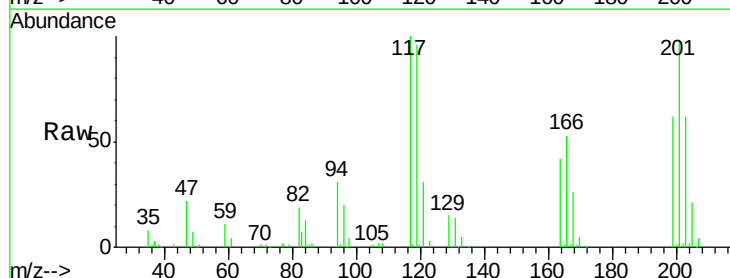
Instrument :
BNA_F
ClientSampleId :
PB86035BS

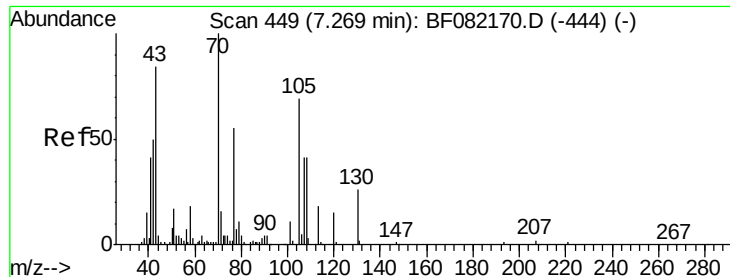
Tgt Ion:	107	Resp:	165844
Ion	Ratio	Lower	Upper
107	100		
108	112.4	92.2	138.2
77	48.0	39.6	59.4
79	47.3	38.2	57.4



#18
Hexachloroethane
Concen: 40.05 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion:	117	Resp:	87917
Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.4	113.2
201	98.5	73.4	110.0

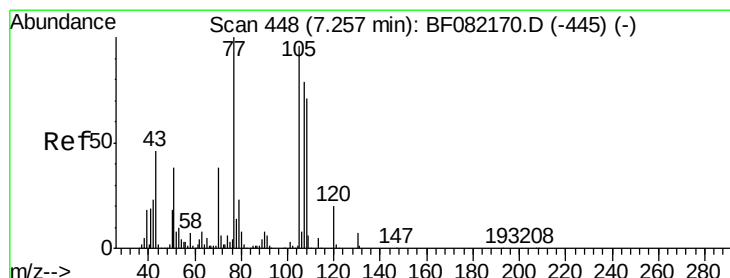
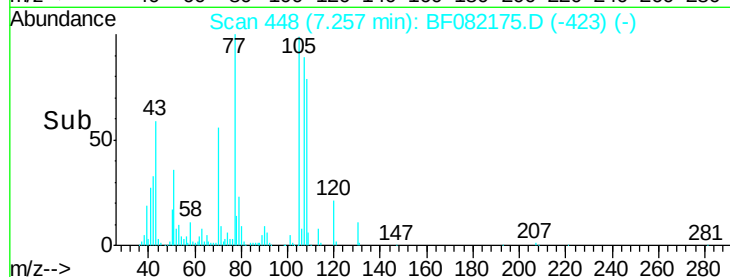
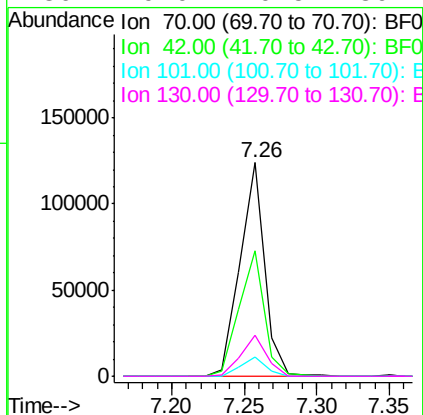
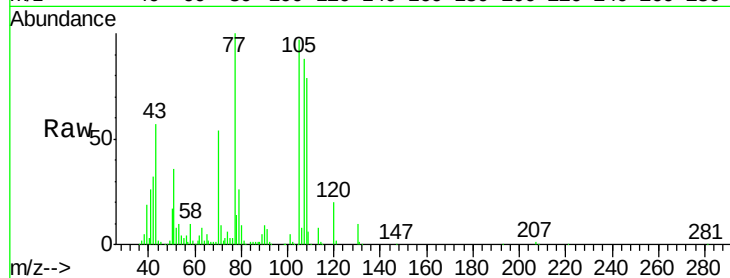




#19
n-Nitroso-di-n-propylamine
Concen: 36.95 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

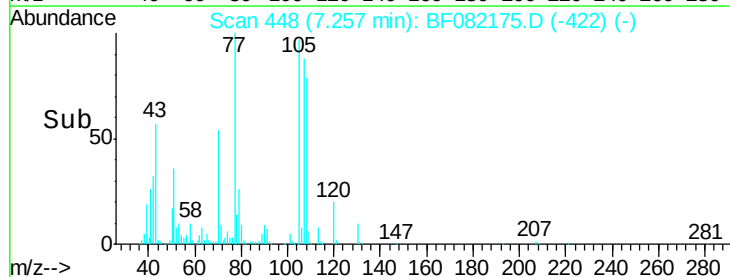
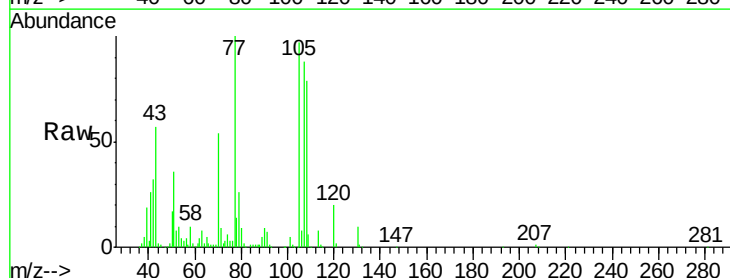
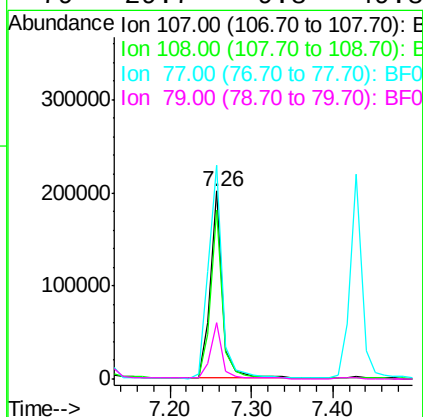
Instrument :
BNA_F
ClientSampleId :
PB86035BS

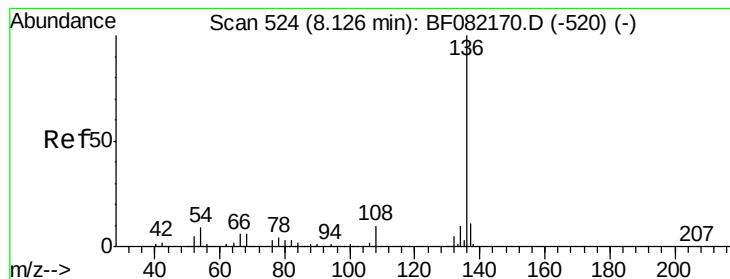
Tgt Ion: 70 Resp: 145839
Ion Ratio Lower Upper
70 100
42 58.7 39.8 59.8
101 9.1 8.6 13.0
130 19.0 20.5 30.7#



#20
3+4-Methylphenols
Concen: 43.16 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion: 107 Resp: 214456
Ion Ratio Lower Upper
107 100
108 90.2 69.9 109.9
77 113.6 106.0 146.0
79 29.7 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

Tgt Ion:136 Resp: 350375

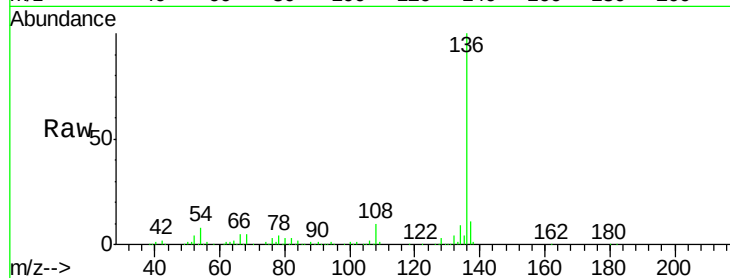
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 8.2 7.5 11.3

68 5.2 4.6 7.0

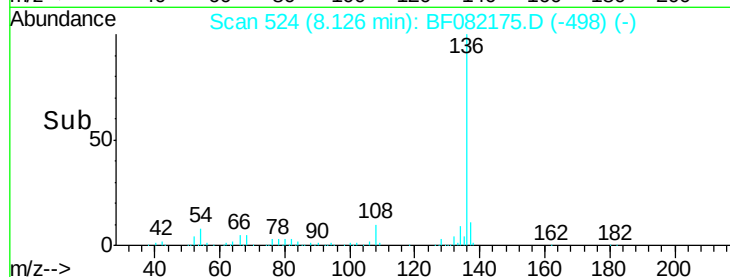


Abundance Ion 136.00 (135.70 to 136.70): E

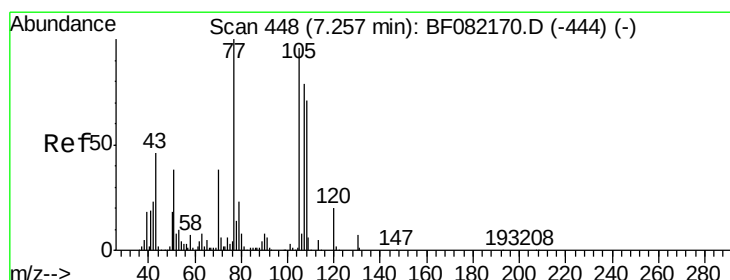
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20 8.30



#22

Acetophenone

Concen: 41.52 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion:105 Resp: 287804

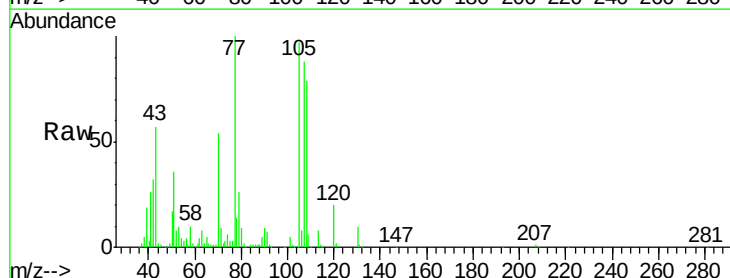
Ion Ratio Lower Upper

105 100

71 9.1 5.4 8.0#

51 37.5 31.8 47.6

120 20.8 16.3 24.5

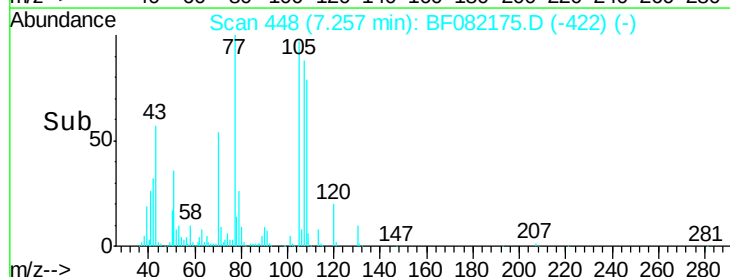


Abundance Ion 105.00 (104.70 to 105.70): E

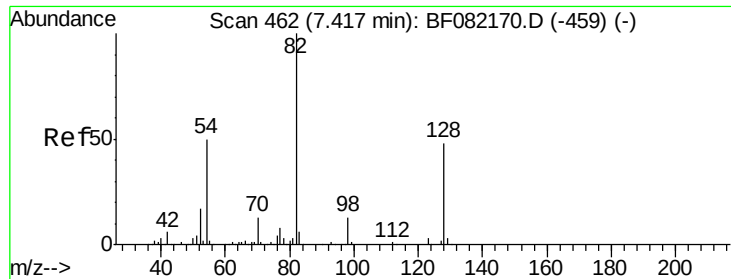
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



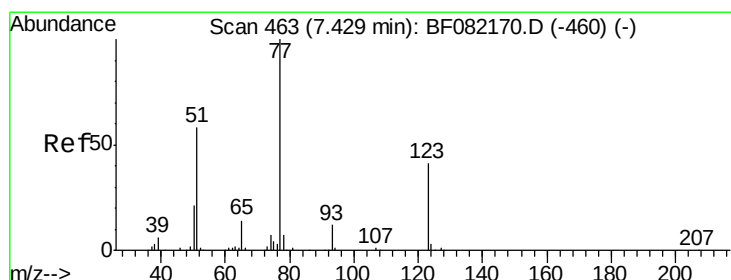
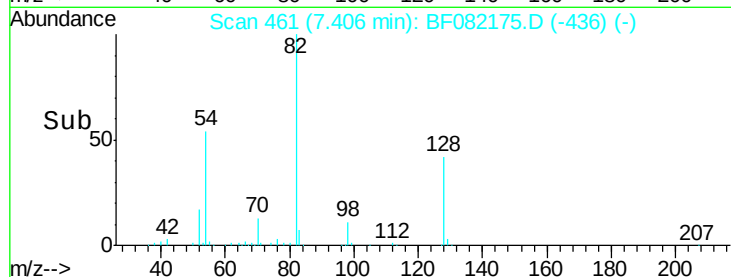
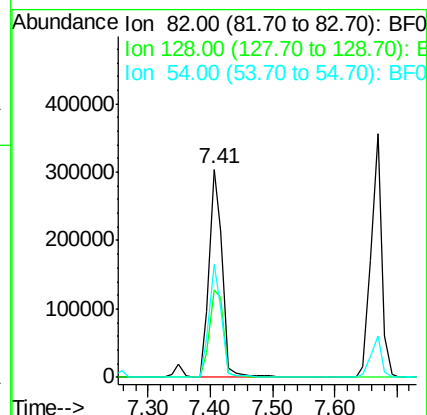
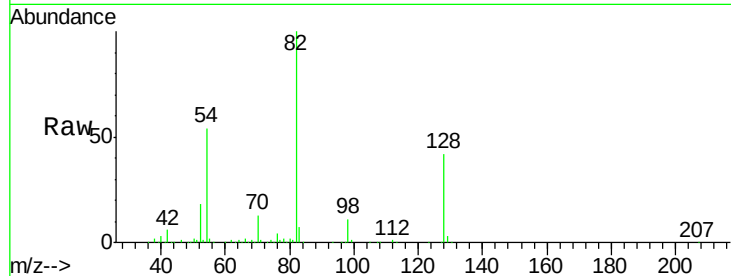
Time--> 7.20 7.40 7.60



#23
 Nitrobenzene-d5
 Concen: 86.36 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

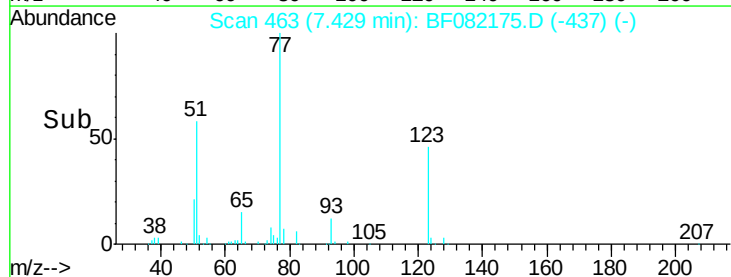
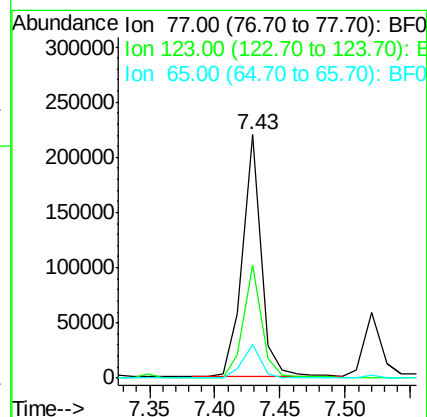
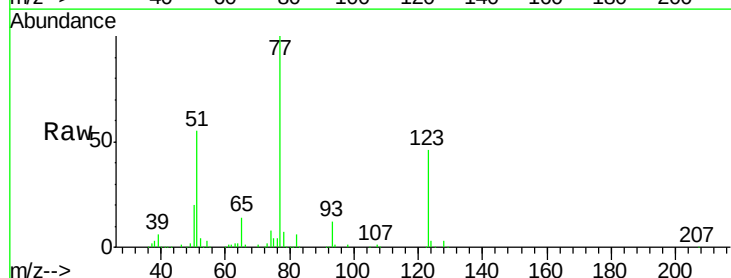
Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

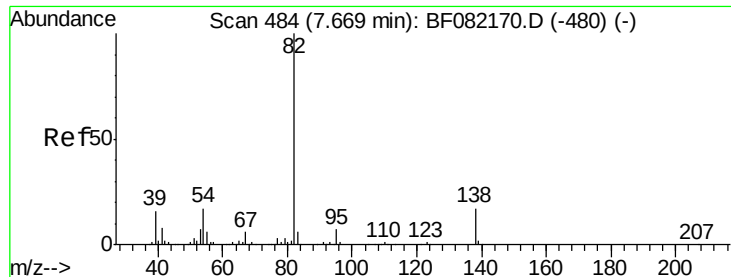
Tgt Ion: 82 Resp: 450570
 Ion Ratio Lower Upper
 82 100
 128 41.7 38.7 58.1
 54 54.5 40.1 60.1



#24
 Nitrobenzene
 Concen: 39.12 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion: 77 Resp: 220943
 Ion Ratio Lower Upper
 77 100
 123 46.3 33.0 49.4
 65 13.9 11.2 16.8





#25

Isophorone

Concen: 39.53 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

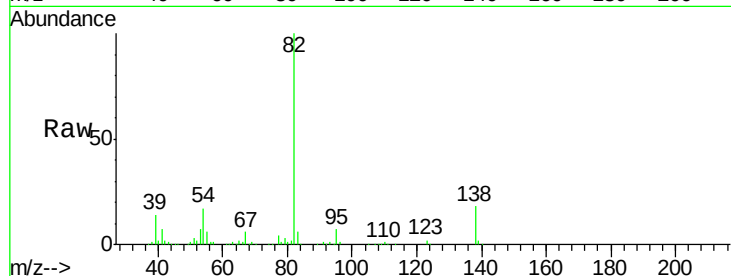
Tgt Ion: 82 Resp: 416224

Ion Ratio Lower Upper

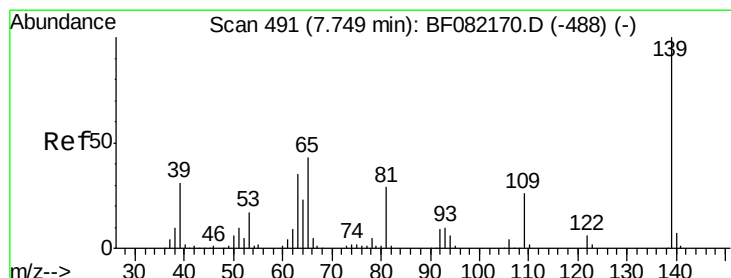
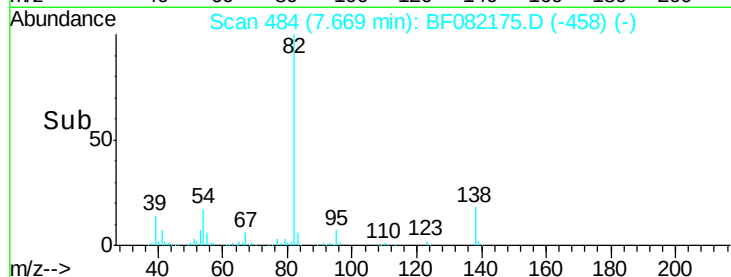
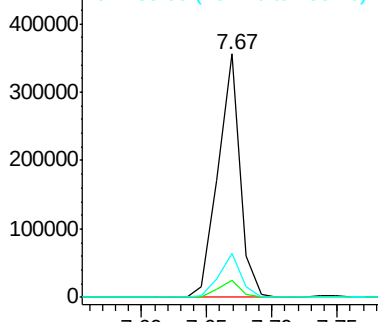
82 100

95 7.0 5.6 8.4

138 18.3 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.32 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

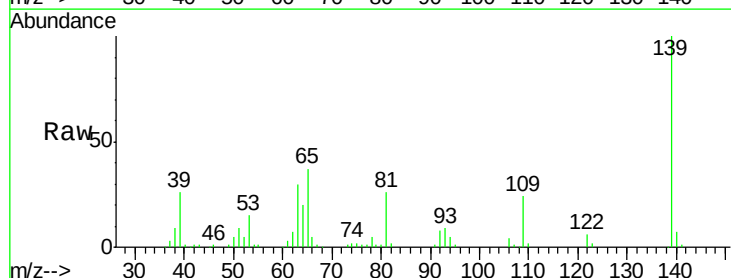
Tgt Ion: 139 Resp: 122170

Ion Ratio Lower Upper

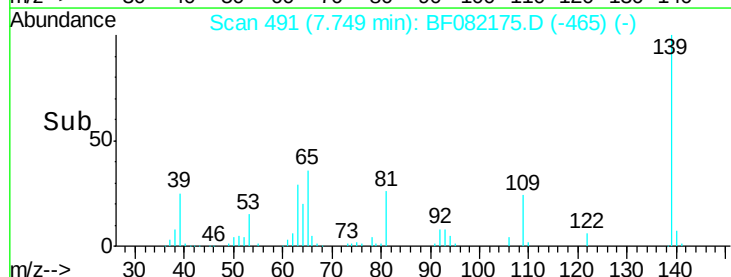
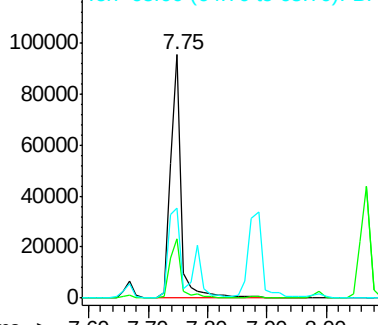
139 100

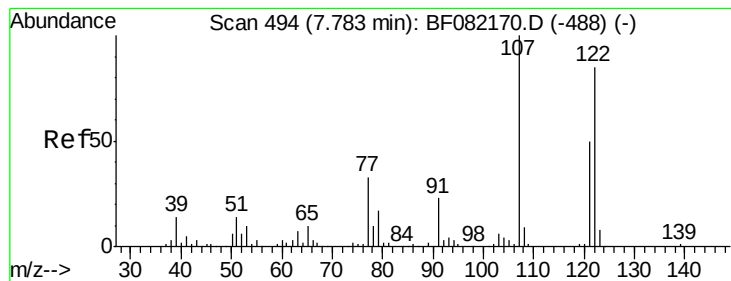
109 24.3 20.6 31.0

65 37.0 34.3 51.5



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

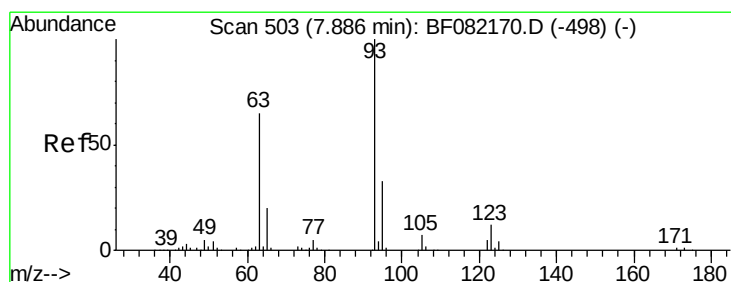
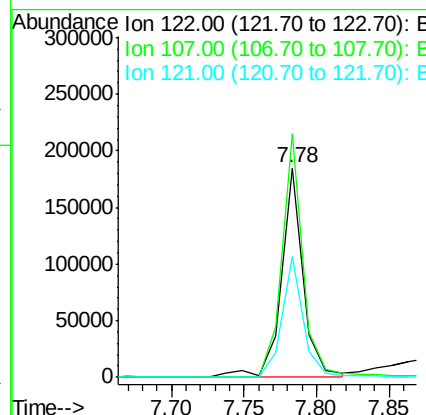
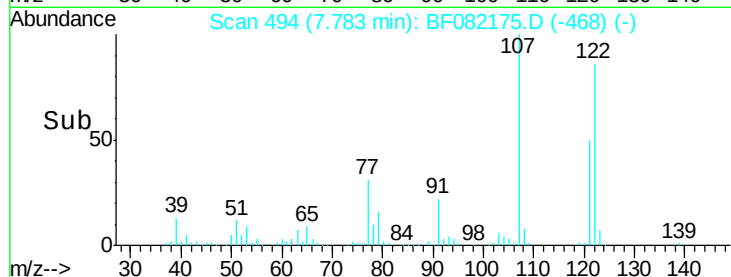
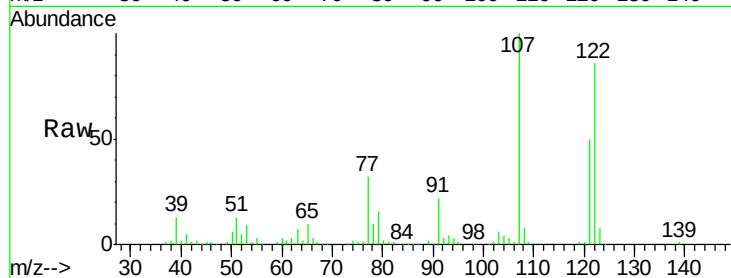




#27
 2,4-Dimethylphenol
 Concen: 42.27 ng
 RT: 7.78 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

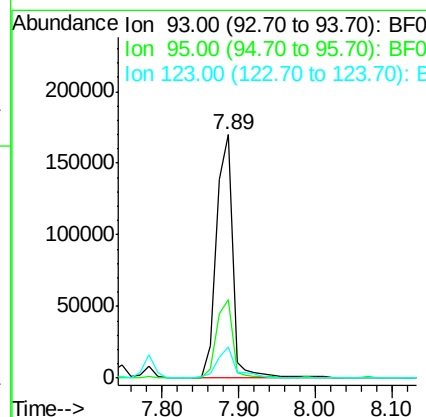
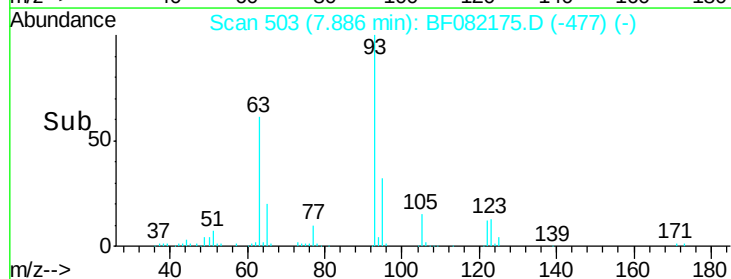
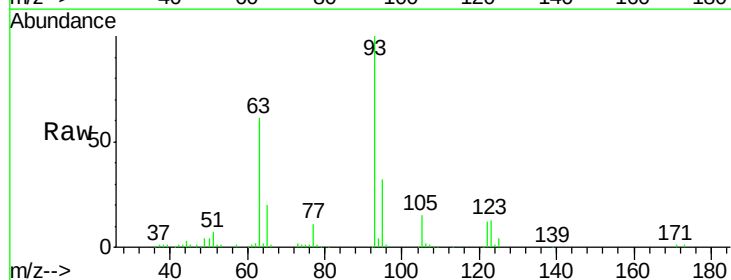
Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

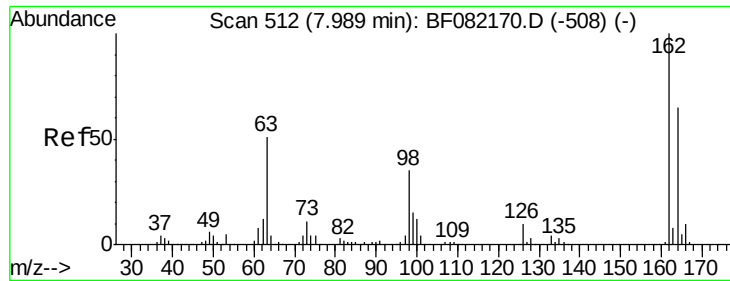
Tgt Ion:	122	Resp:	192048
Ion	Ratio	Lower	Upper
122	100		
107	116.3	94.0	141.0
121	57.9	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.86 ng
 RT: 7.89 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion:	93	Resp:	250343
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	39.8
123	12.9	9.5	14.3

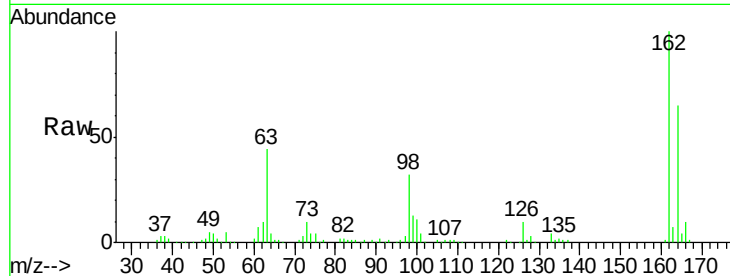




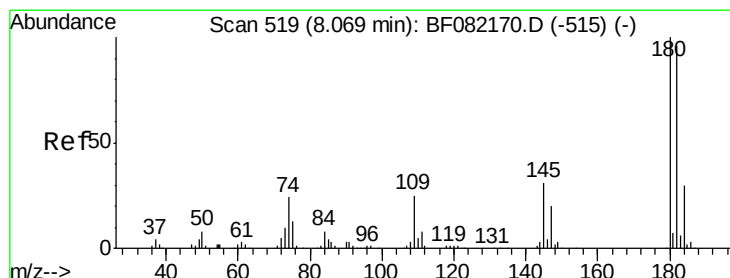
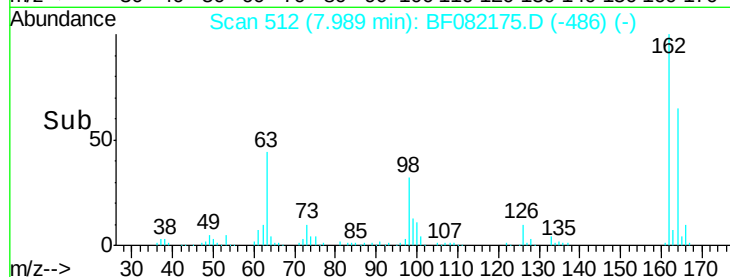
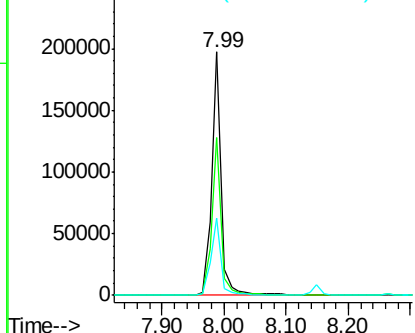
#29
2,4-Dichlorophenol
Concen: 45.76 ng
RT: 7.99 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampled :
PB86035BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.6	84.6
98	31.6	15.0	55.0

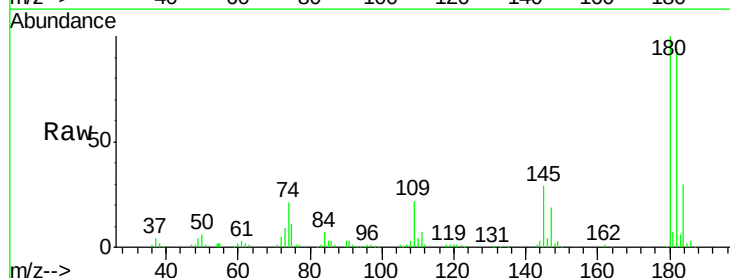


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

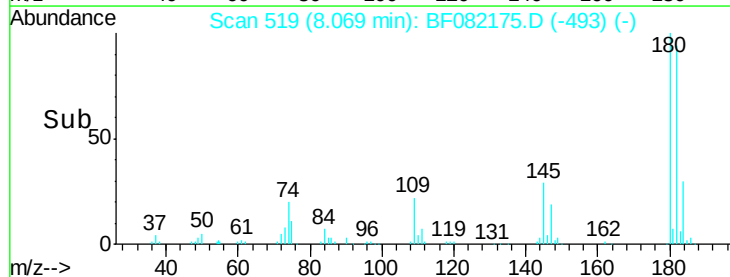
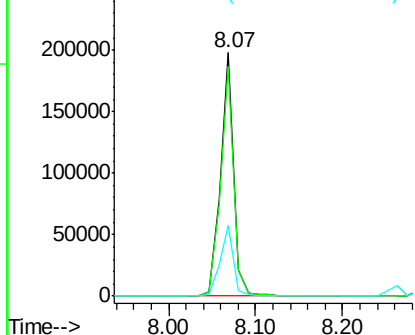


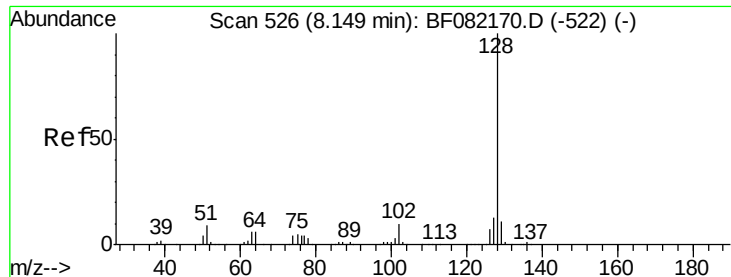
#30
1,2,4-Trichlorobenzene
Concen: 40.33 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.0	115.4
145	29.3	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: 41.33 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

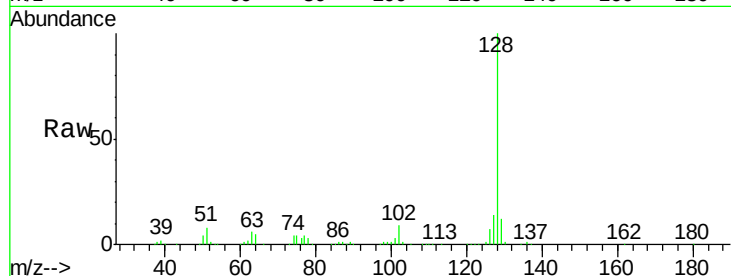
Tgt Ion:128 Resp: 627656

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

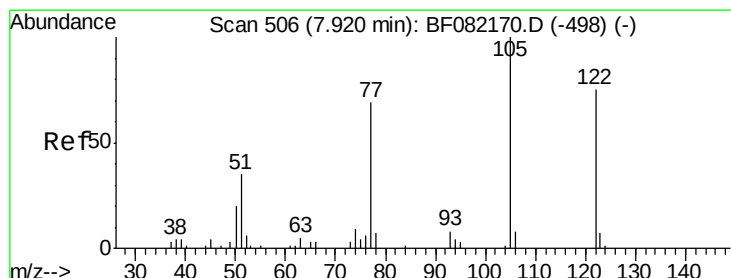
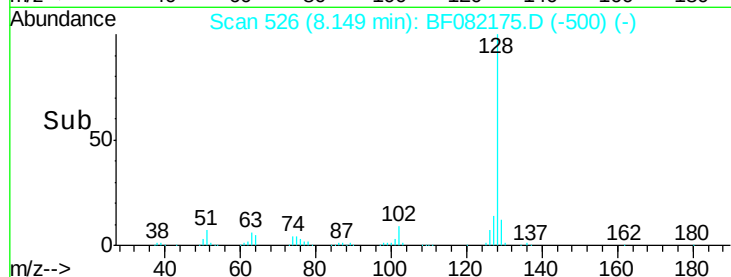
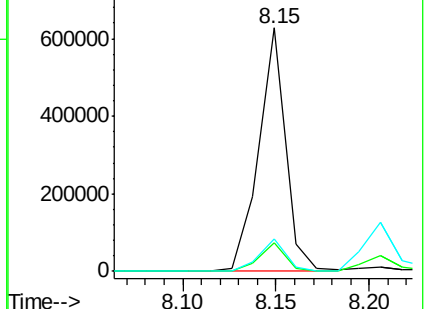
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.11 ng

RT: 7.92 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

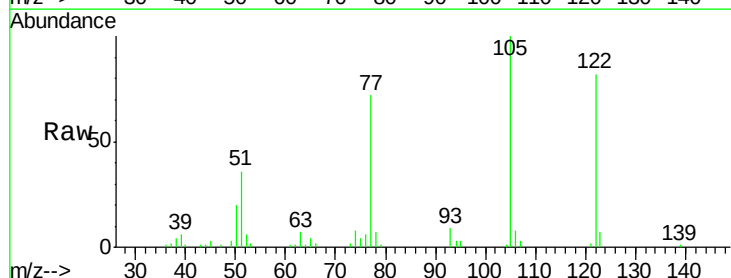
Tgt Ion:122 Resp: 128409

Ion Ratio Lower Upper

122 100

105 121.9 104.4 144.4

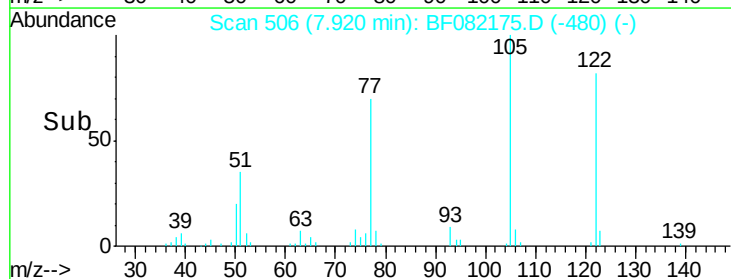
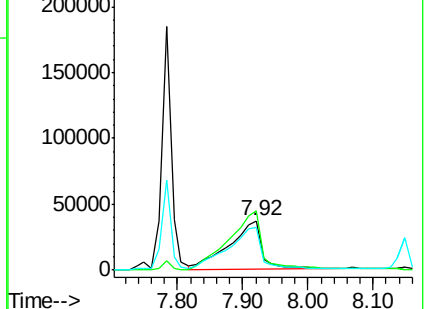
77 87.8 69.0 109.0

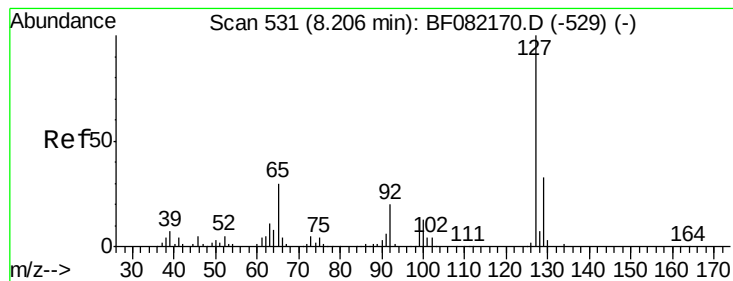


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 27.29 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

Tgt Ion:127 Resp: 172145

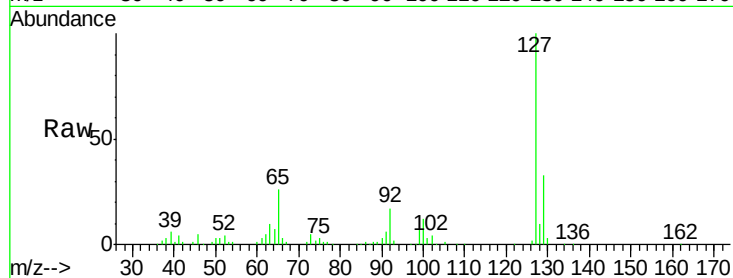
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 25.8 24.4 36.6

92 17.5 15.7 23.5

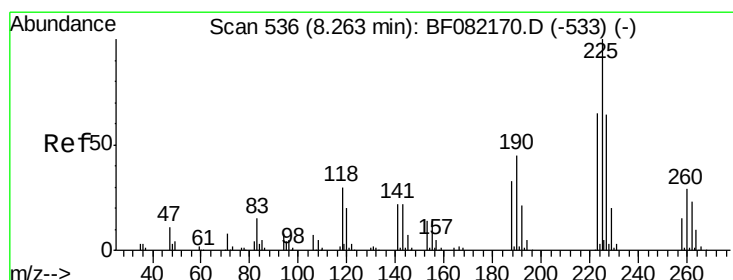
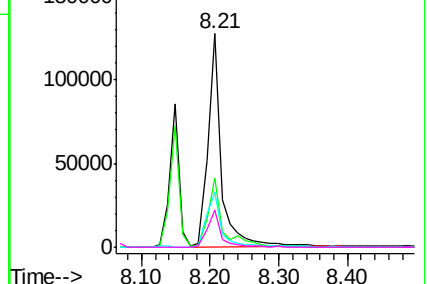
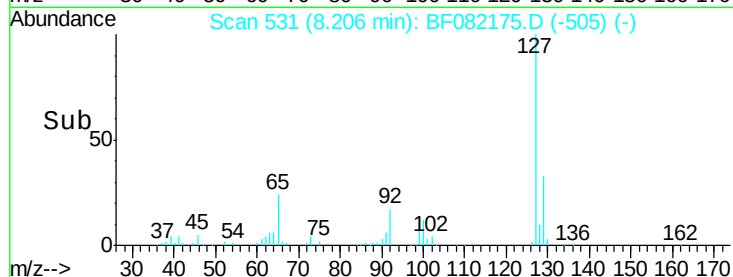


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.71 ng

RT: 8.26 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

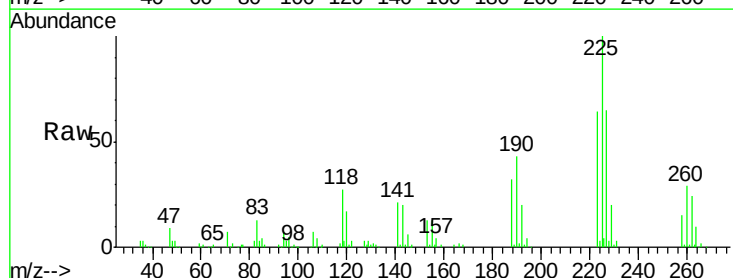
Tgt Ion:225 Resp: 132785

Ion Ratio Lower Upper

225 100

223 63.9 52.2 78.2

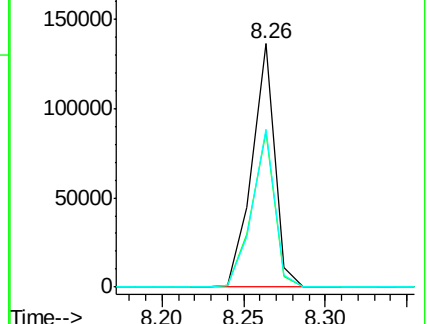
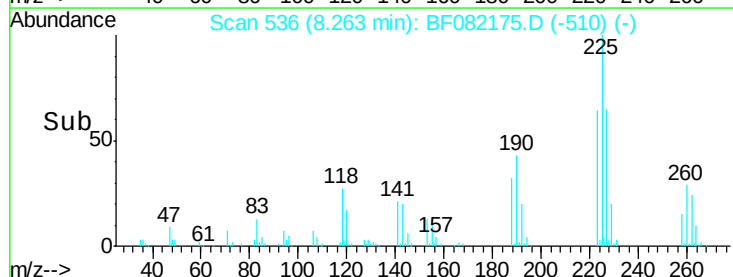
227 64.8 51.3 76.9

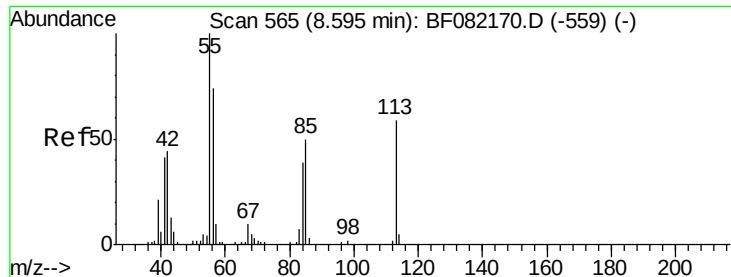


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

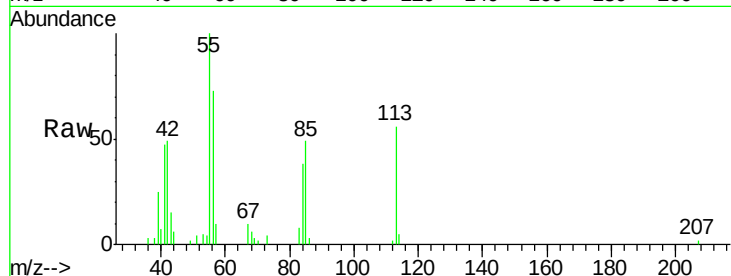




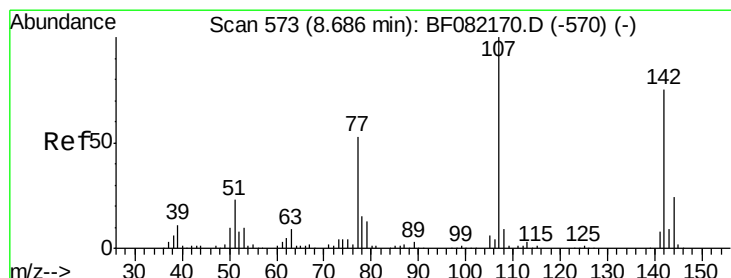
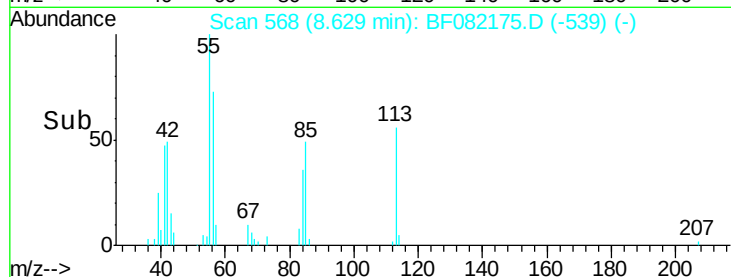
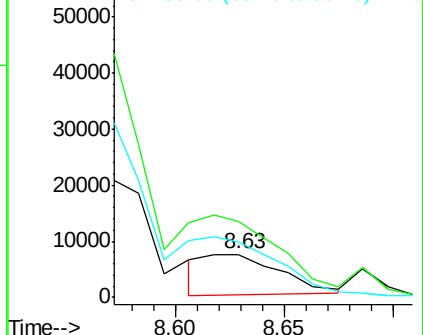
#35
 Caprolactam
 Concen: 13.00 ng
 RT: 8.63 min Scan# 568
 Delta R.T. 0.03 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Tgt Ion:113 Resp: 17136
 Ion Ratio Lower Upper
 113 100
 55 177.1 149.7 189.7
 56 129.7 105.4 145.4

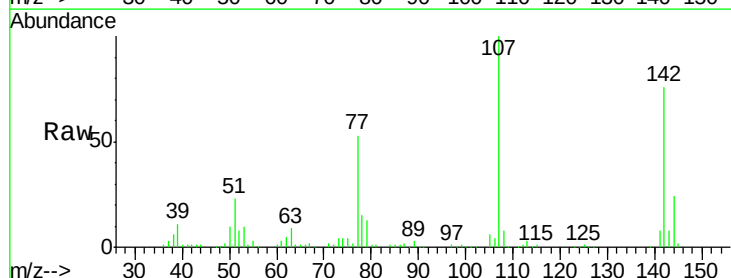


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

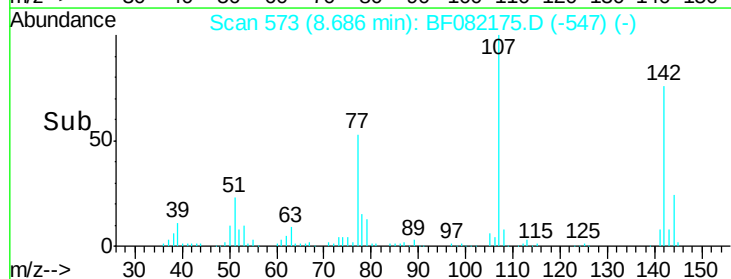
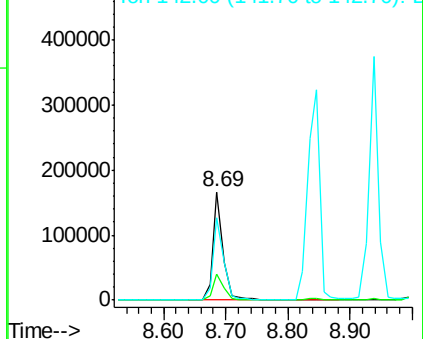


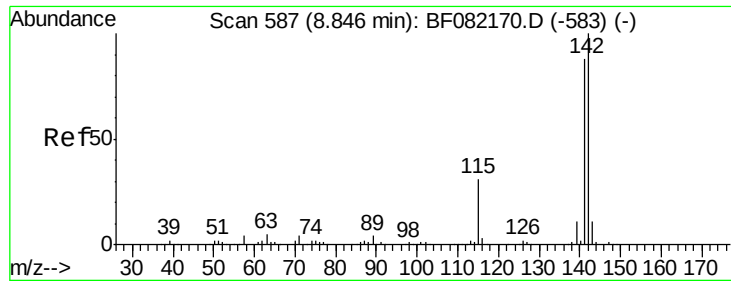
#36
 4-Chloro-3-methylphenol
 Concen: 42.83 ng
 RT: 8.69 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion:107 Resp: 190213
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.3 28.9
 142 76.3 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

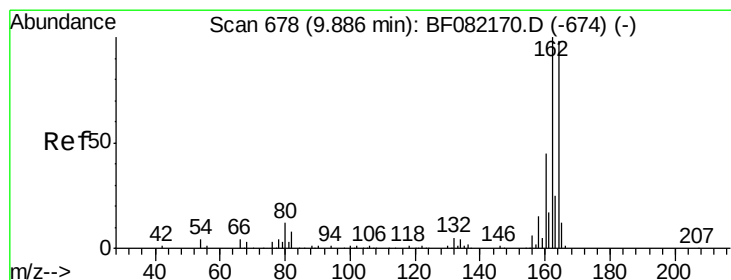
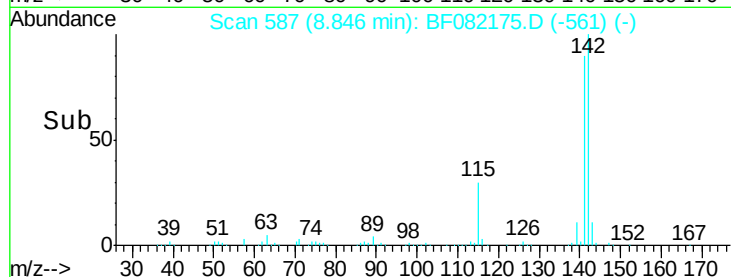
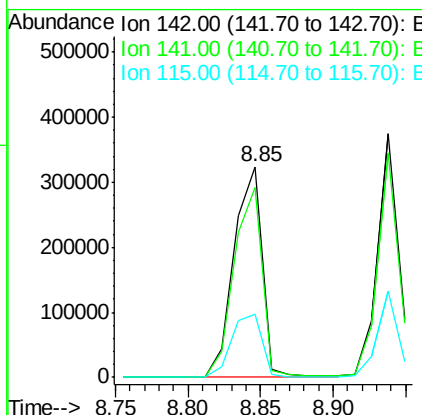
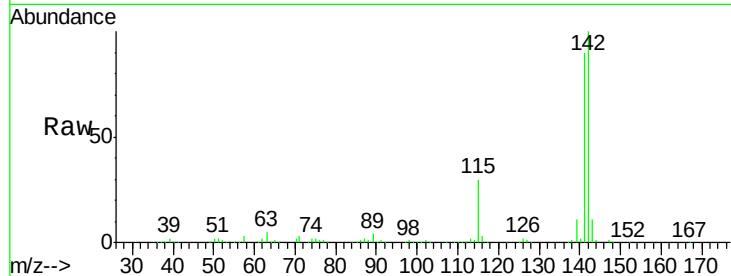




#37
2-Methylnaphthalene
Concen: 41.60 ng
RT: 8.85 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

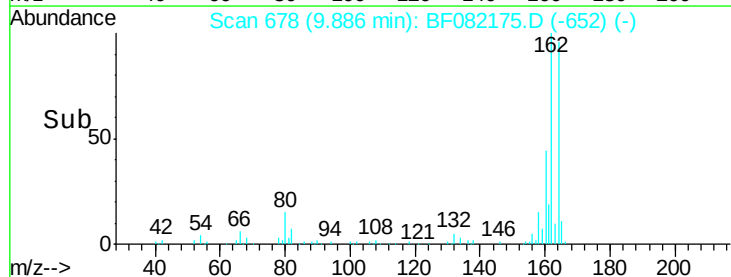
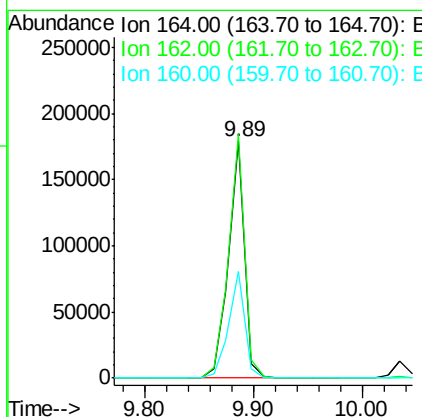
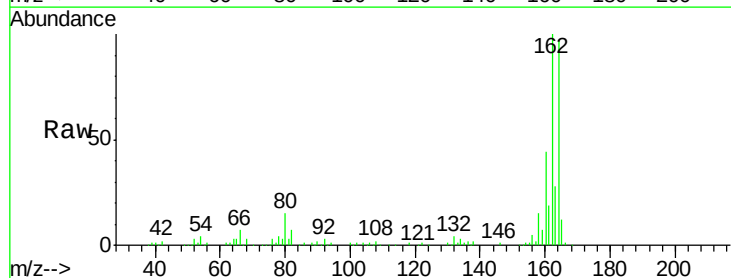
Instrument :
BNA_F
ClientSampleId :
PB86035BS

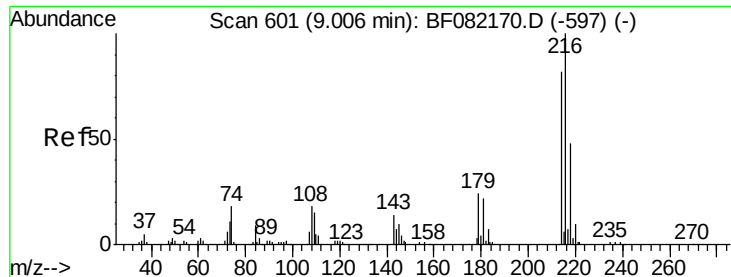
Tgt Ion:142 Resp: 437976
Ion Ratio Lower Upper
142 100
141 90.1 70.4 105.6
115 29.9 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion:164 Resp: 181011
Ion Ratio Lower Upper
164 100
162 102.9 81.6 122.4
160 44.8 36.4 54.6

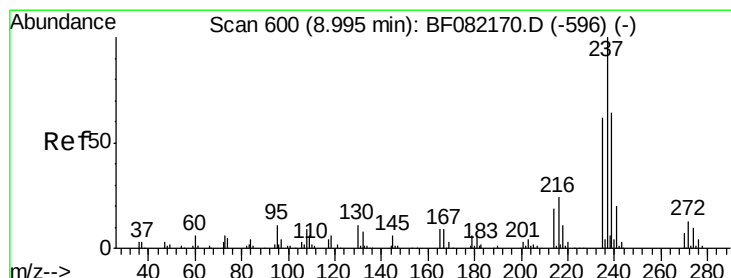
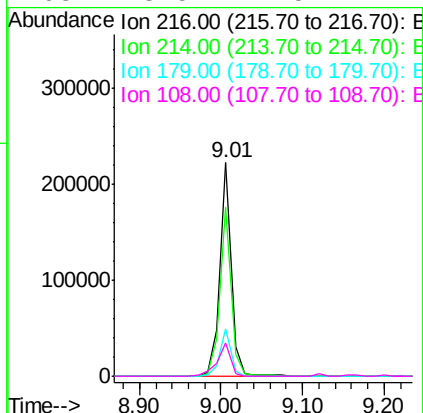
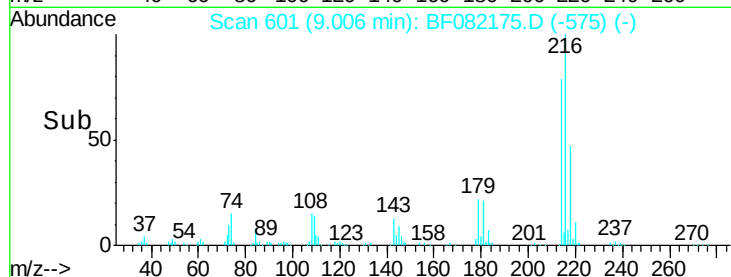
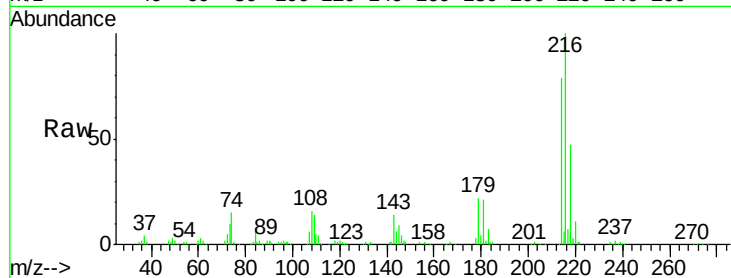




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.93 ng
 RT: 9.01 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

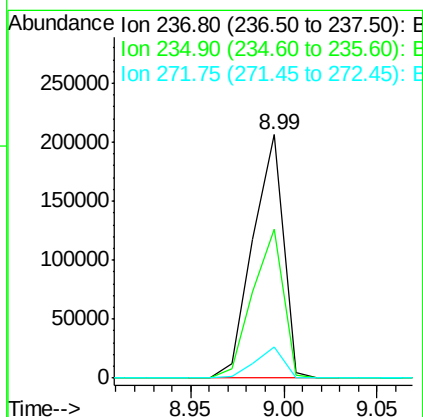
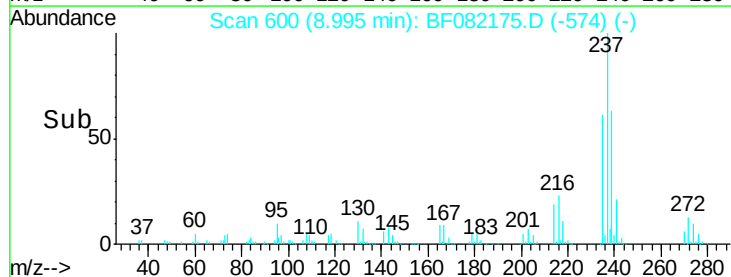
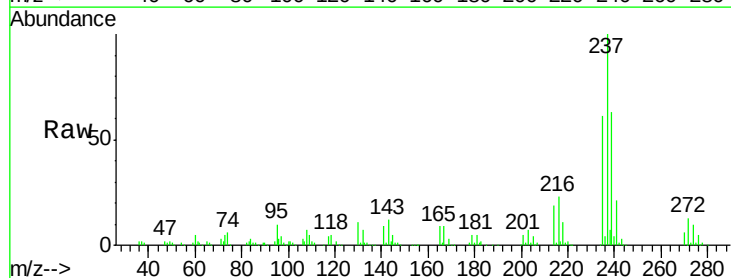
Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

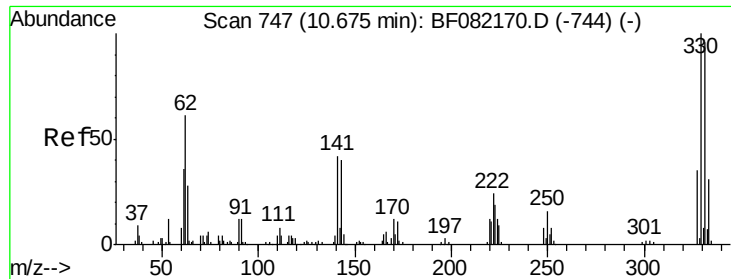
Tgt Ion:	216	Resp:	214982
Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.6	97.0
179	21.4	17.6	26.4
108	18.5	14.5	21.7



#40
 Hexachlorocyclopentadiene
 Concen: 85.24 ng
 RT: 8.99 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion:	237	Resp:	233883
Ion	Ratio	Lower	Upper
237	100		
235	61.2	41.7	81.7
272	12.7	0.0	32.8

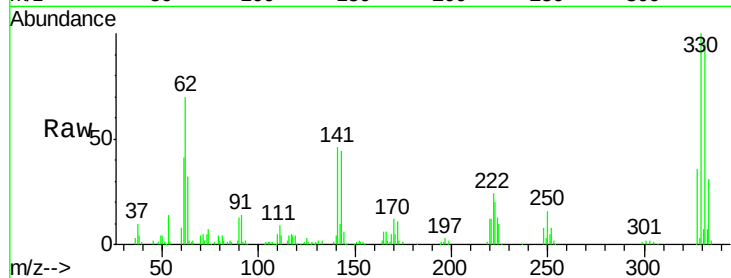




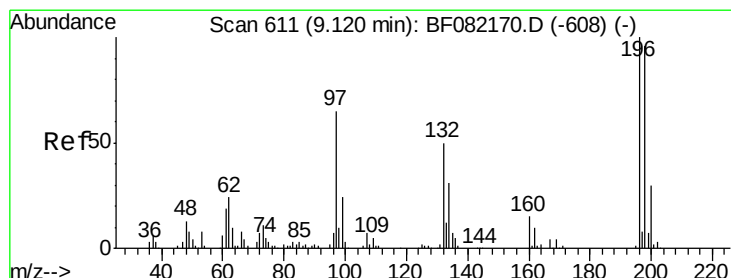
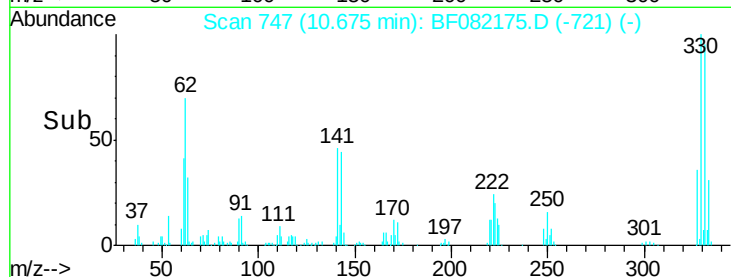
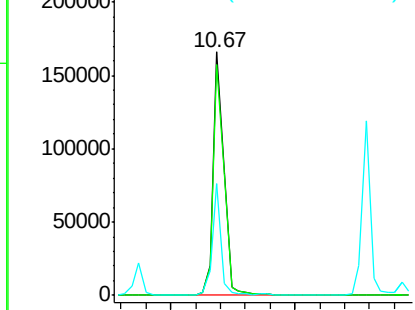
#41
 2,4,6-Tribromophenol
 Concen: 117.80 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Tgt Ion:330 Resp: 199968
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 36.8 29.8 44.8

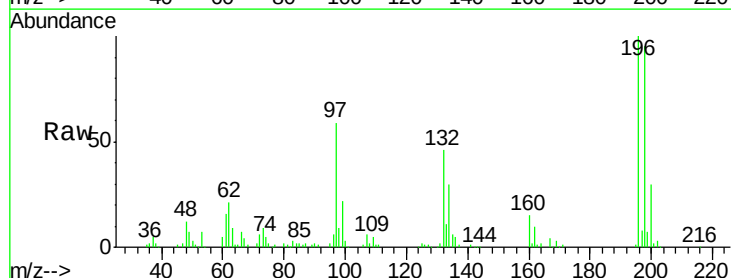


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

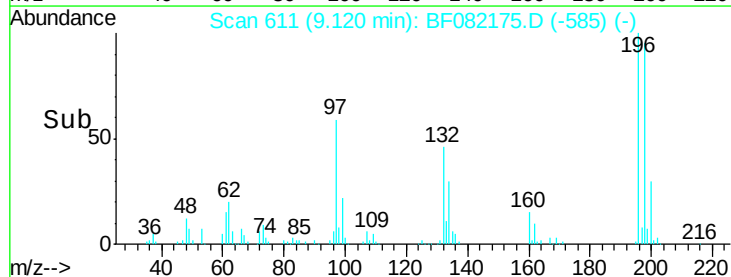
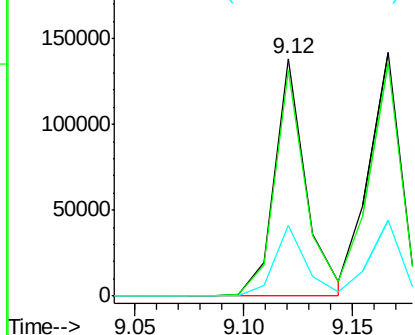


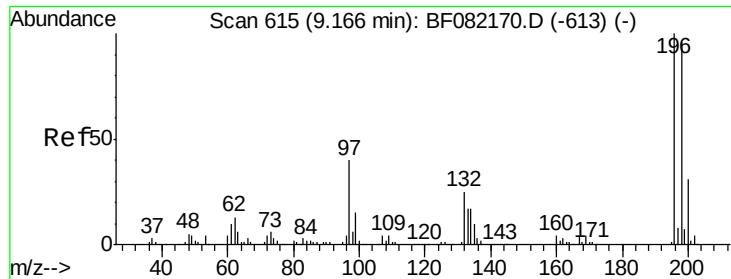
#42
 2,4,6-Trichlorophenol
 Concen: 38.89 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion:196 Resp: 139068
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.6 115.0
 200 29.6 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

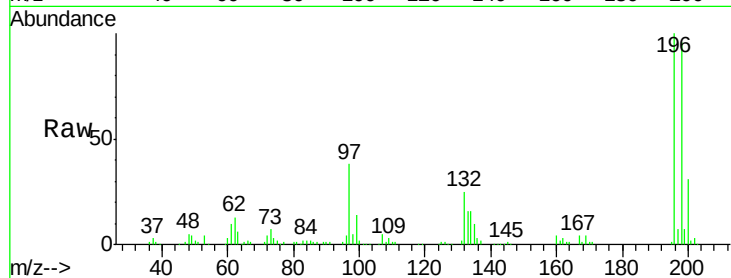




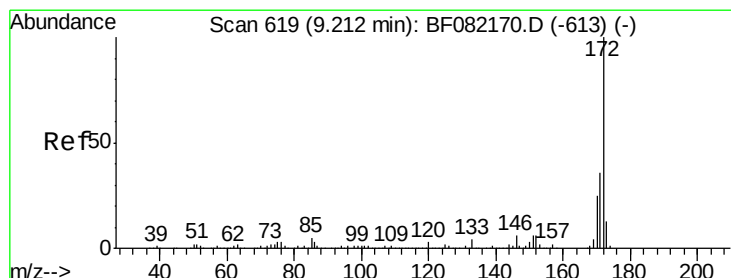
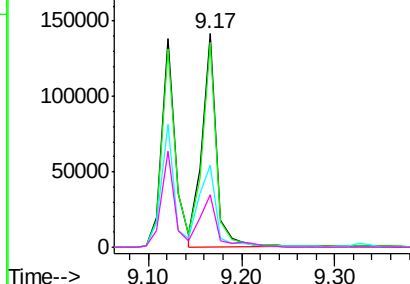
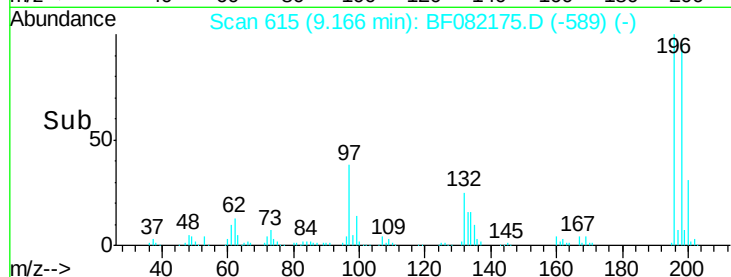
#43
 2,4,5-Trichlorophenol
 Concen: 40.01 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Tgt Ion:196 Resp: 155001
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.0 115.4
 97 38.2 31.9 47.9
 132 24.9 20.3 30.5

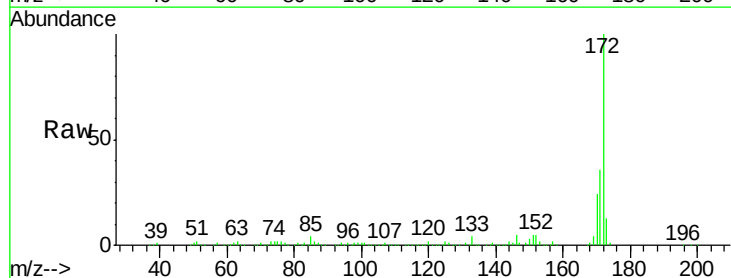


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

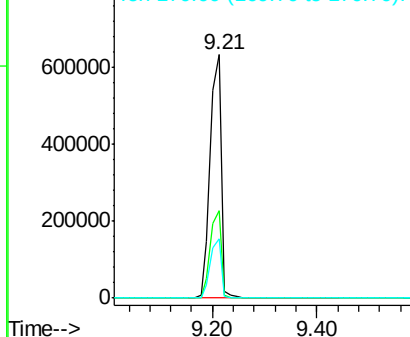
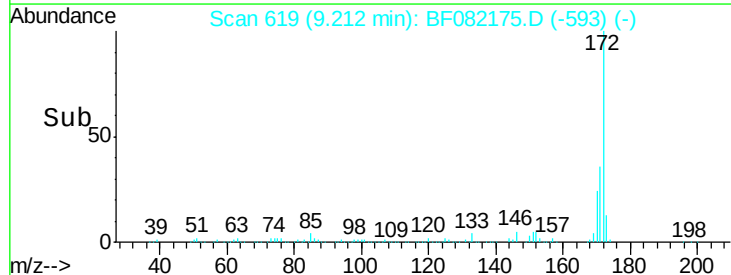


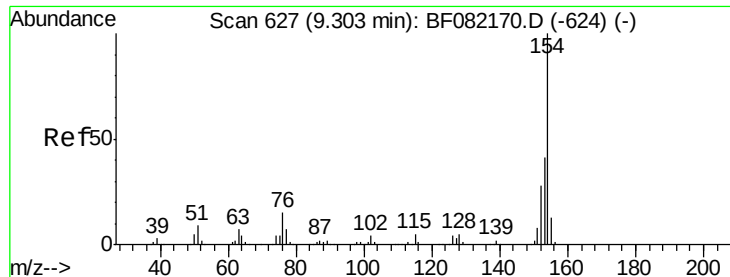
#44
 2-Fluorobiphenyl
 Concen: 86.09 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion:172 Resp: 939647
 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

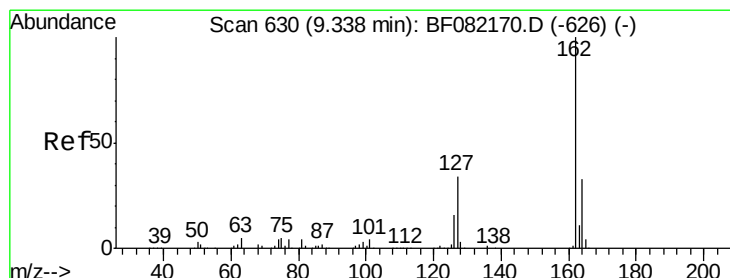
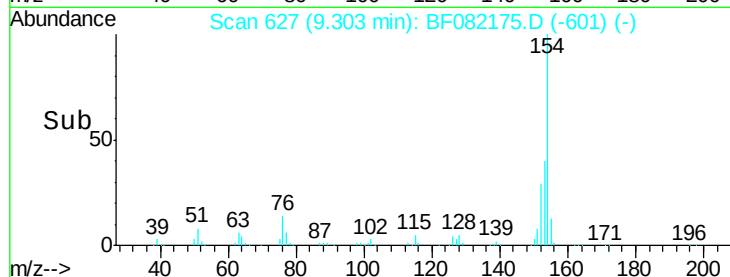
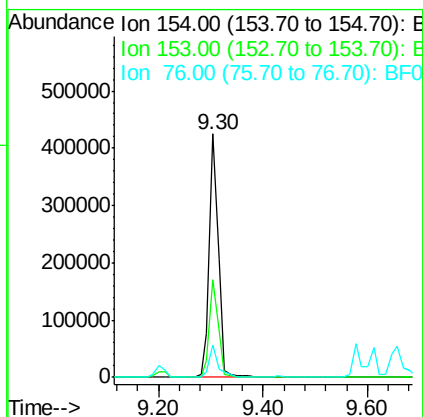
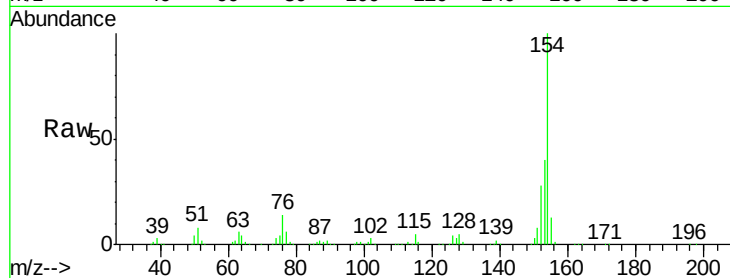




#45
 1,1'-Biphenyl
 Concen: 37.20 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

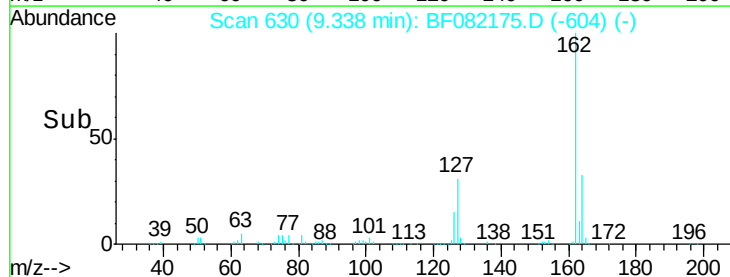
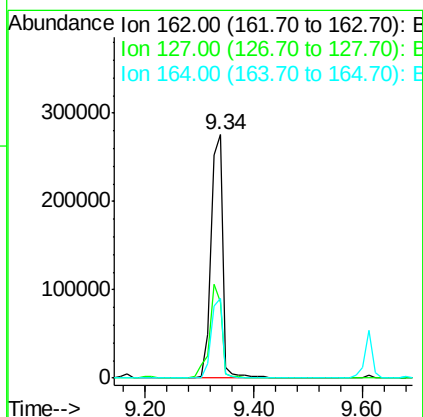
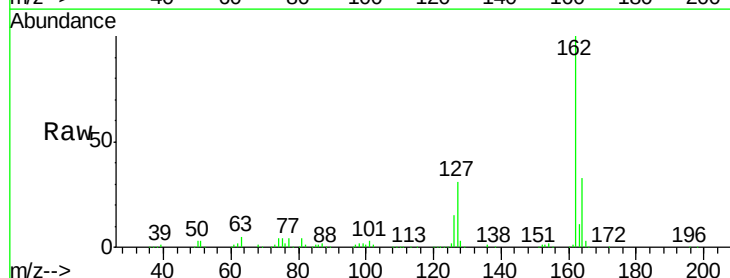
Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

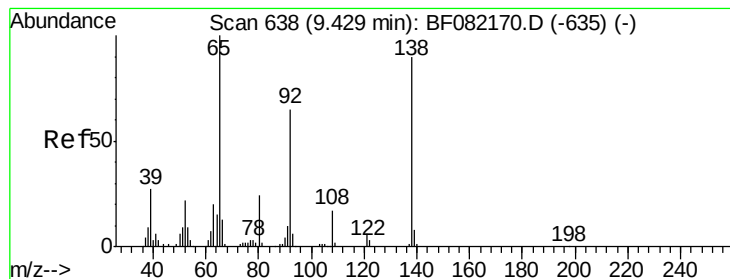
Tgt Ion:154 Resp: 513407
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.6 60.6
 76 13.5 0.0 35.2



#46
 2-Chloronaphthalene
 Concen: 38.77 ng
 RT: 9.34 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion:162 Resp: 421293
 Ion Ratio Lower Upper
 162 100
 127 31.3 27.5 41.3
 164 33.0 26.6 39.8





#47

2-Nitroaniline

Concen: 39.91 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

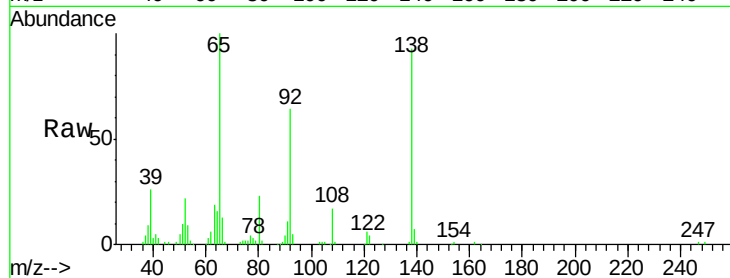
Tgt Ion: 65 Resp: 119064

Ion Ratio Lower Upper

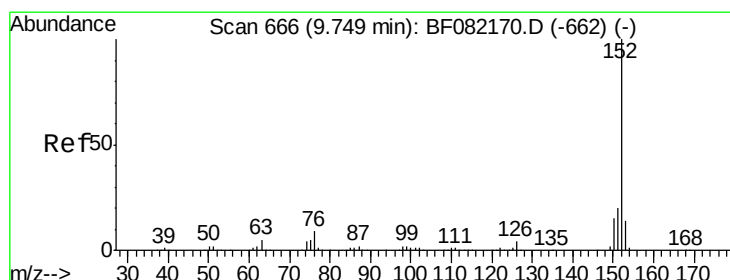
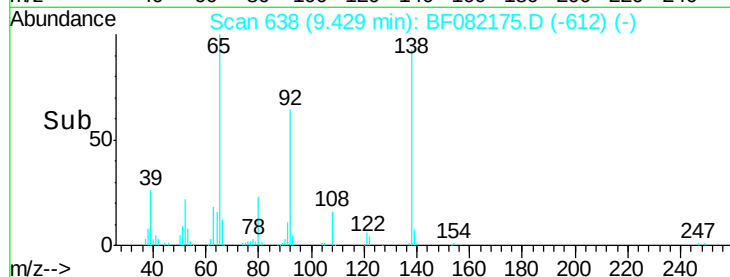
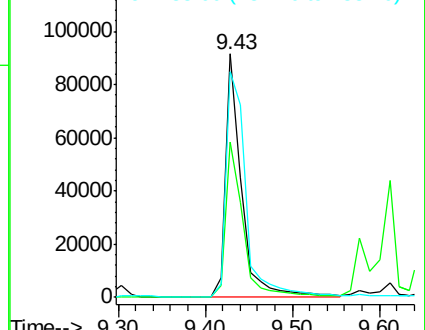
65 100

92 63.6 52.3 78.5

138 92.9 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): E



#48

Acenaphthylene

Concen: 40.61 ng

RT: 9.75 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

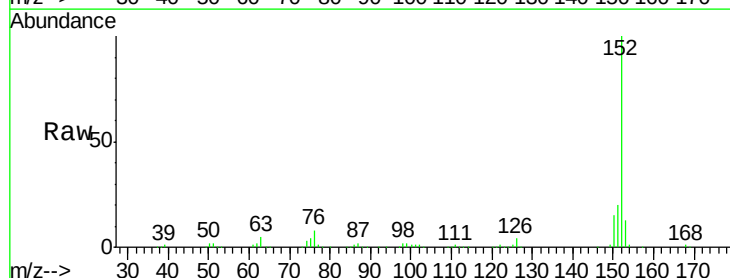
Tgt Ion: 152 Resp: 687347

Ion Ratio Lower Upper

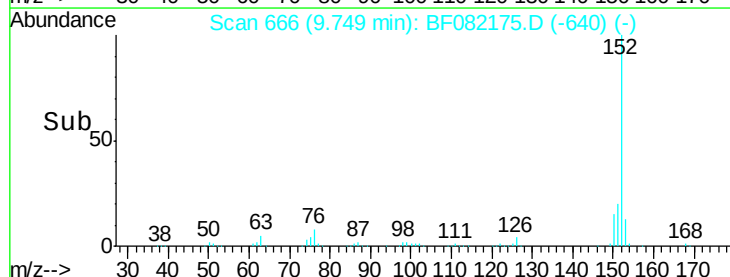
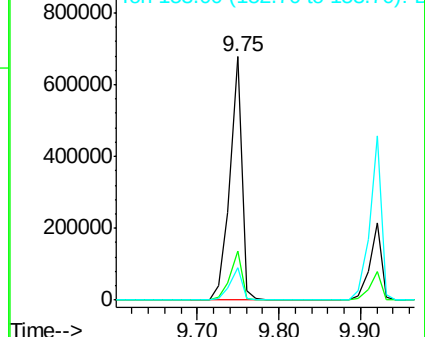
152 100

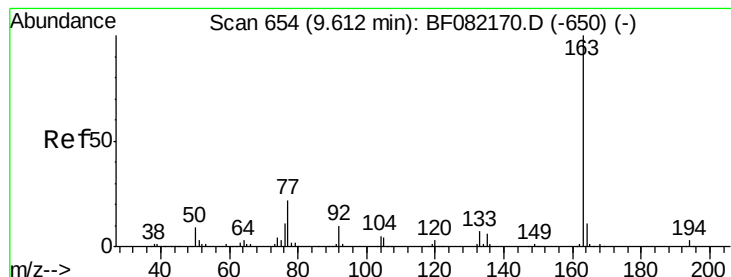
151 20.3 16.4 24.6

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: 39.14 ng

RT: 9.61 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

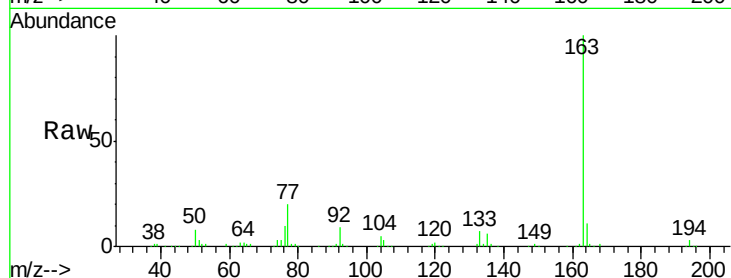
Tgt Ion:163 Resp: 498948

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

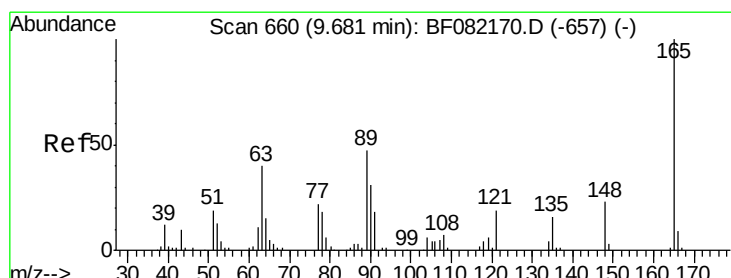
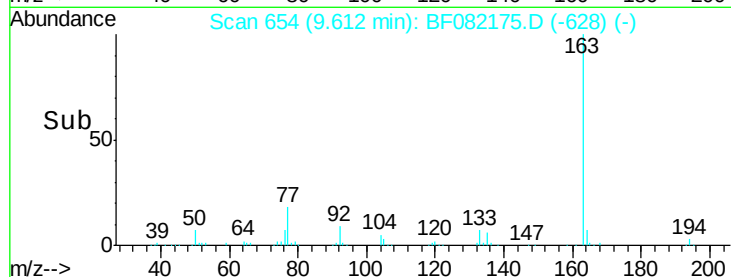
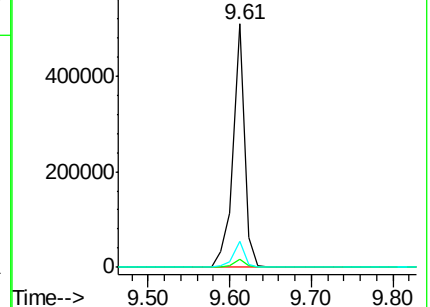
164 10.5 8.5 12.7



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: 41.86 ng

RT: 9.68 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

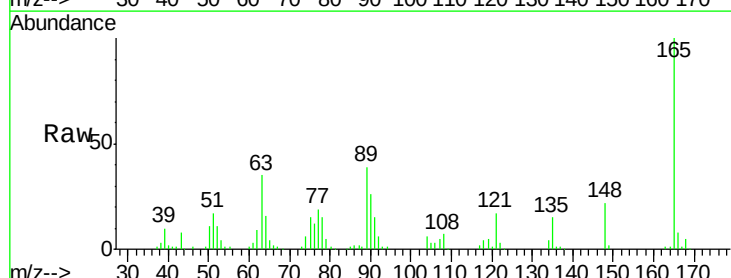
Tgt Ion:165 Resp: 112589

Ion Ratio Lower Upper

165 100

63 35.4 36.7 55.1#

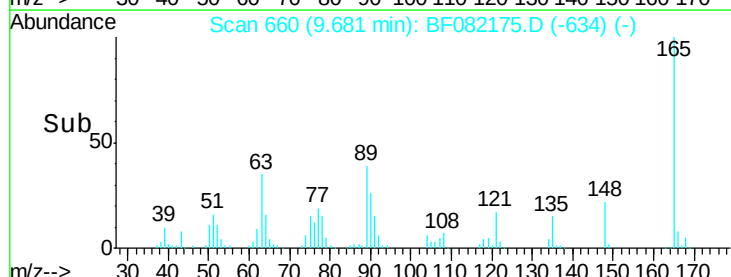
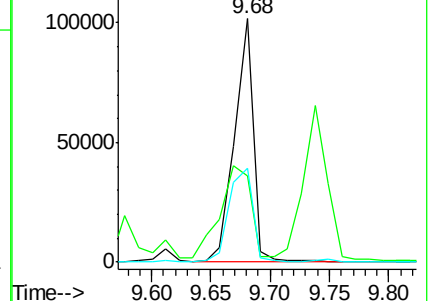
89 38.8 37.8 56.6

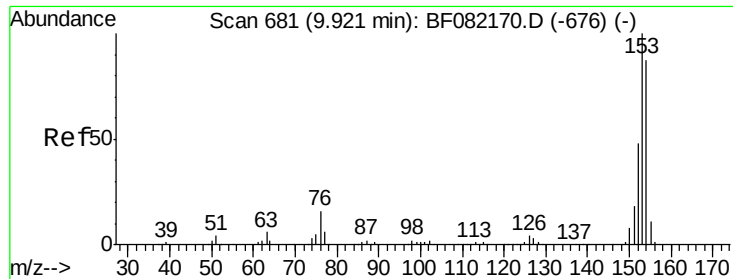


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.16 ng

RT: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

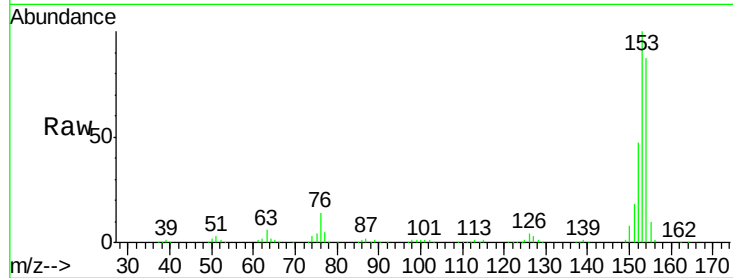
Tgt Ion:154 Resp: 408067

Ion Ratio Lower Upper

154 100

153 115.3 91.4 137.2

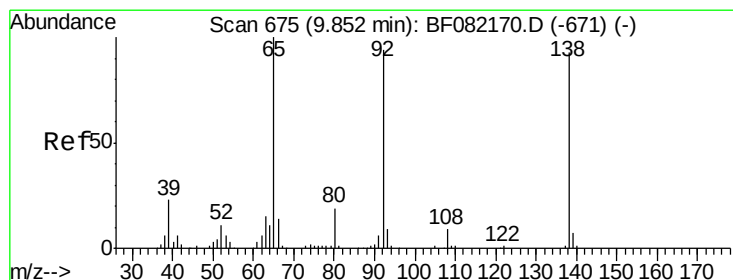
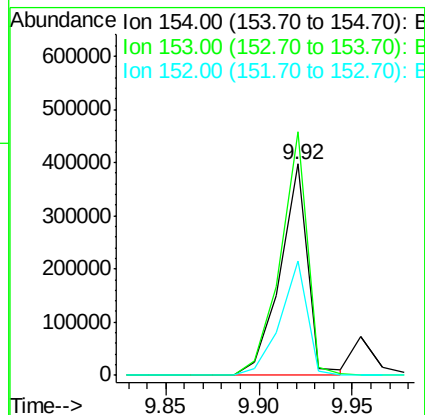
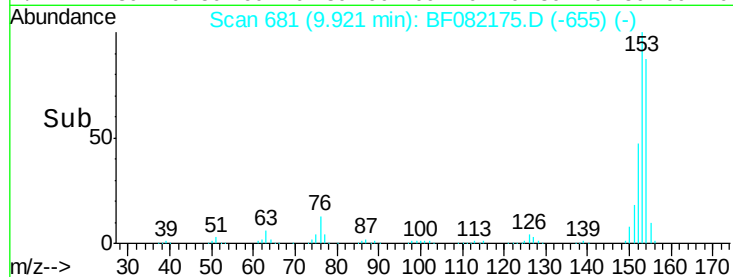
152 54.2 44.3 66.5



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: 25.29 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

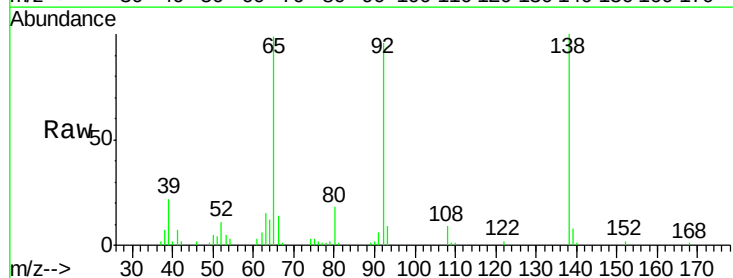
Tgt Ion:138 Resp: 76834

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.0

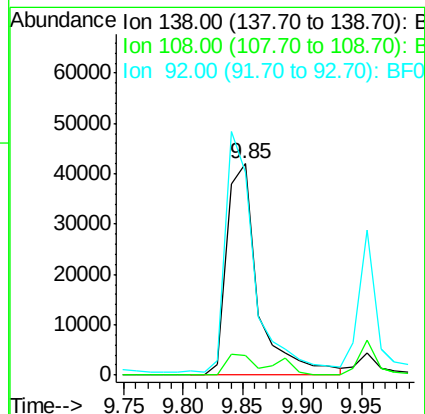
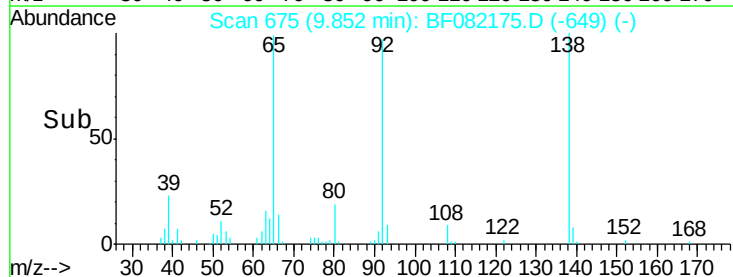
92 96.0 81.3 121.9

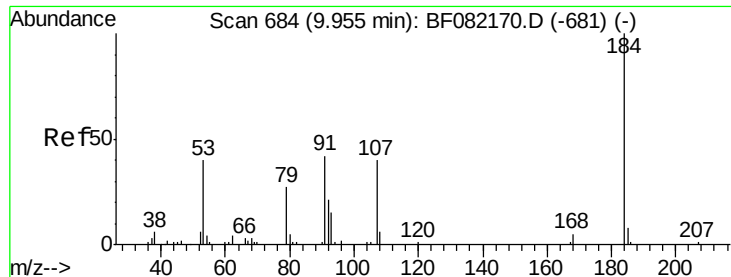


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

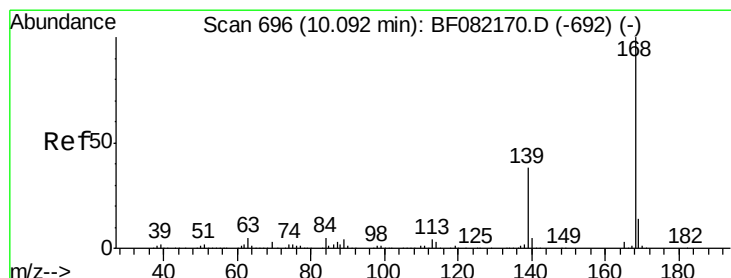
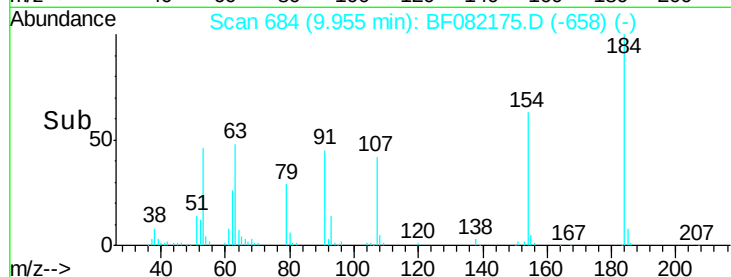
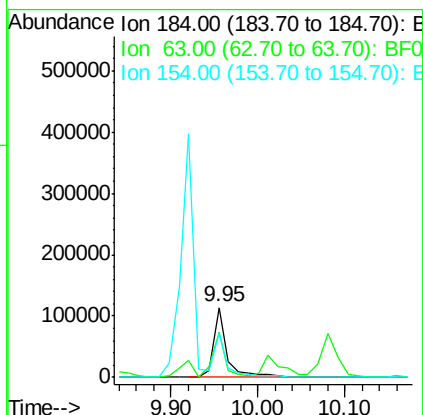
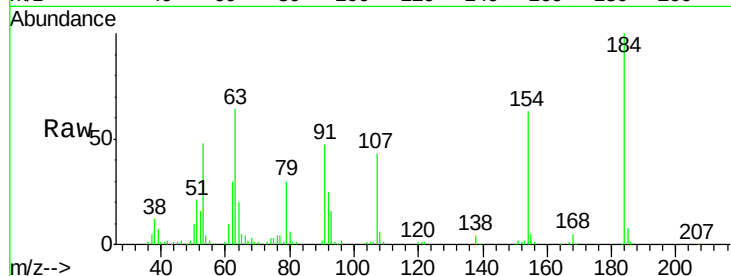




#53
2,4-Dinitrophenol
Concen: 83.80 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

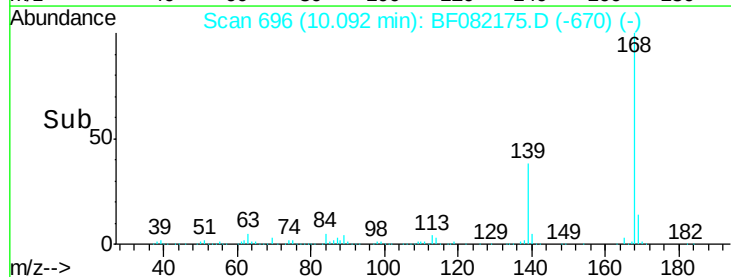
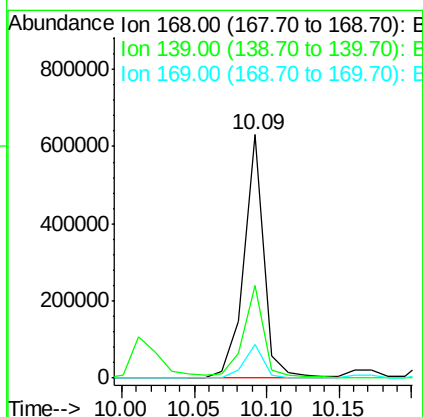
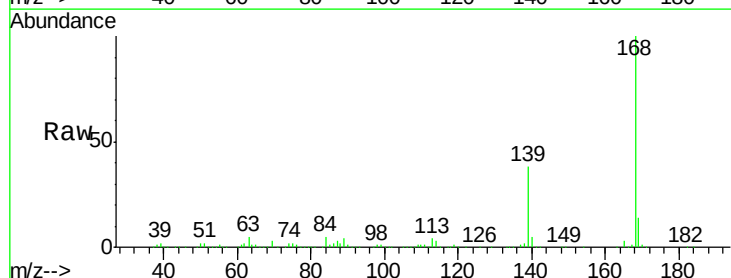
Instrument :
BNA_F
ClientSampleId :
PB86035BS

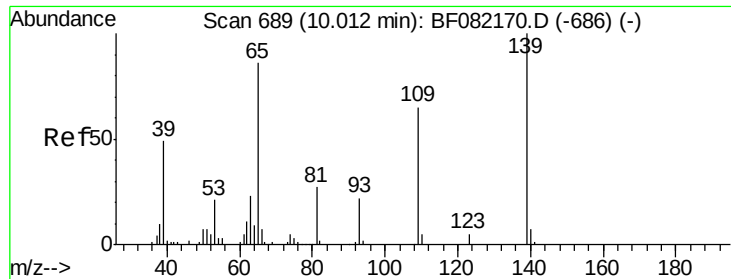
Tgt Ion:184 Resp: 126444
Ion Ratio Lower Upper
184 100
63 64.1 45.1 67.7
154 63.4 51.2 76.8



#54
Dibenzofuran
Concen: 43.20 ng
RT: 10.09 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion:168 Resp: 602632
Ion Ratio Lower Upper
168 100
139 38.3 31.0 46.6
169 13.7 10.9 16.3

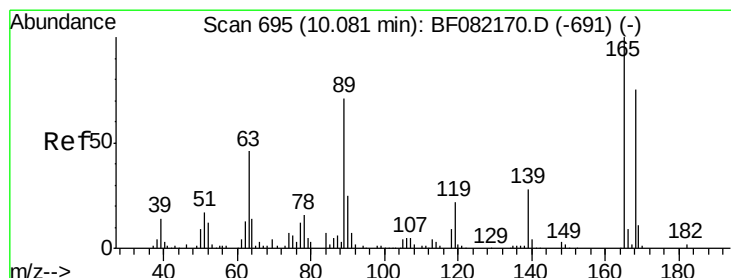
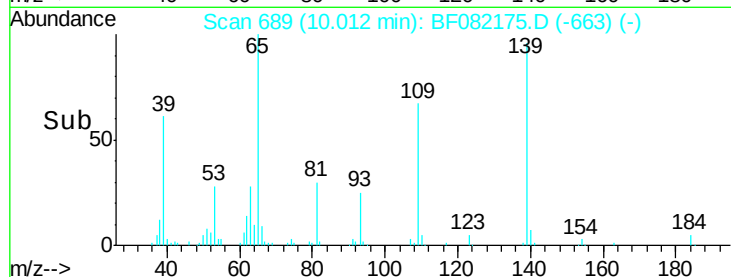
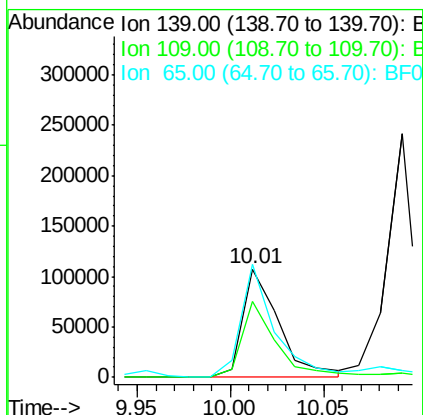
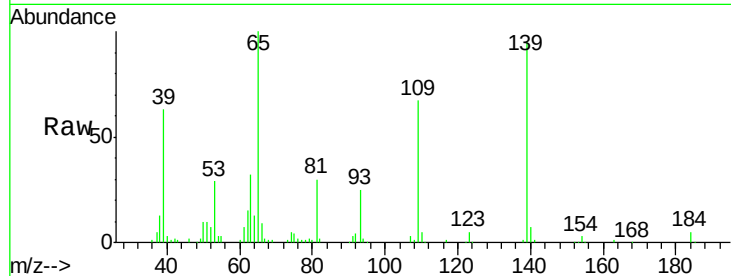




#55
4-Nitrophenol
Concen: 72.98 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

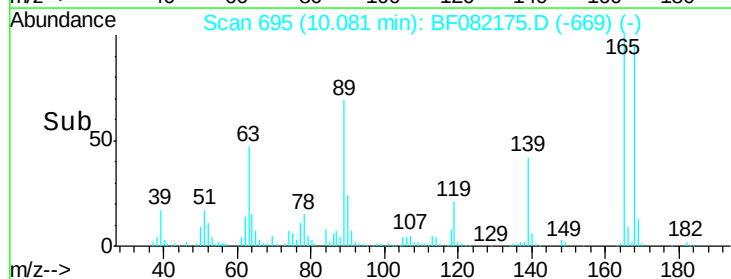
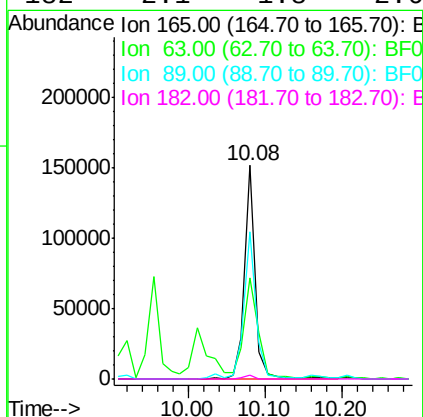
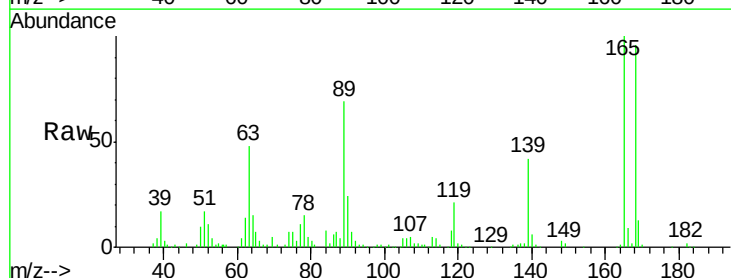
Instrument :
BNA_F
ClientSampleId :
PB86035BS

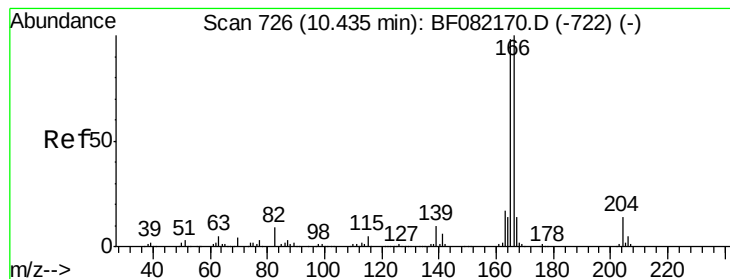
Tgt Ion:139 Resp: 147806
Ion Ratio Lower Upper
139 100
109 70.0 44.8 84.8
65 105.0 67.7 107.7



#56
2,4-Dinitrotoluene
Concen: 43.94 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion:165 Resp: 147703
Ion Ratio Lower Upper
165 100
63 47.5 38.6 58.0
89 69.0 57.0 85.6
182 2.1 1.8 2.6





#57

Fluorene

Concen: 42.37 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

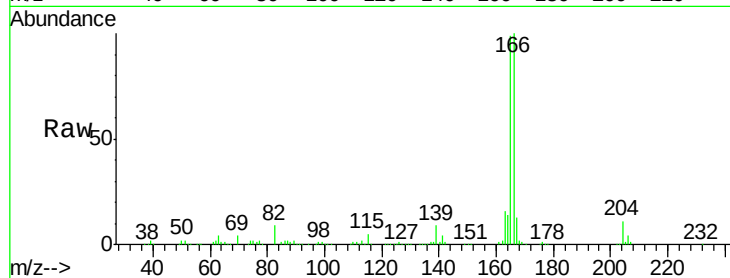
Tgt Ion:166 Resp: 485502

Ion Ratio Lower Upper

166 100

165 99.3 78.3 117.5

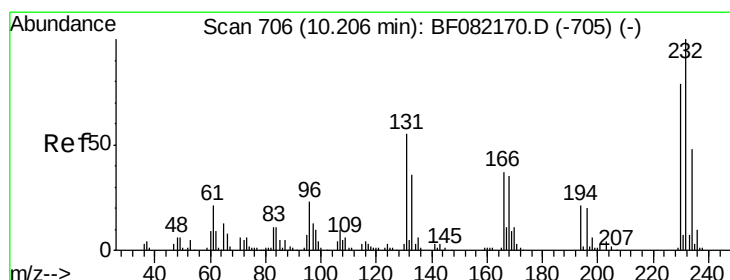
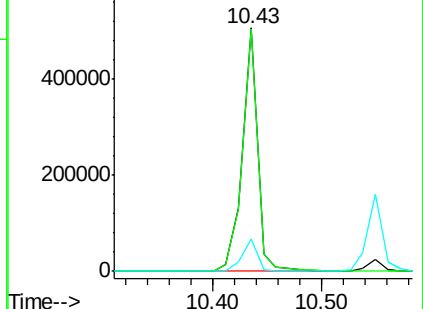
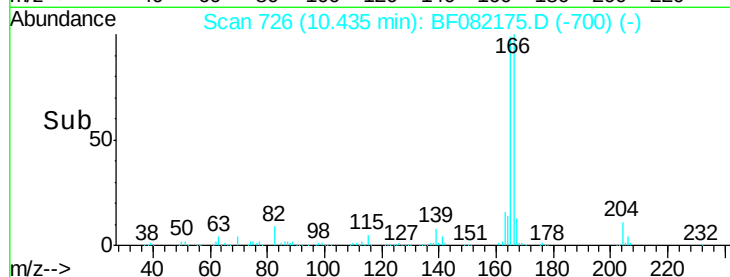
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.21 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion:232 Resp: 133601

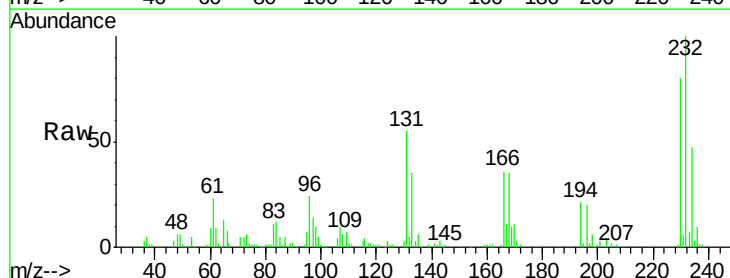
Ion Ratio Lower Upper

232 100

131 43.8 36.6 54.8

130 1.9 1.5 2.3

166 28.8 24.6 37.0

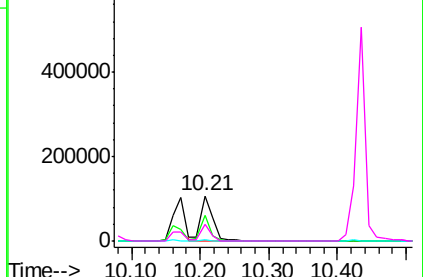
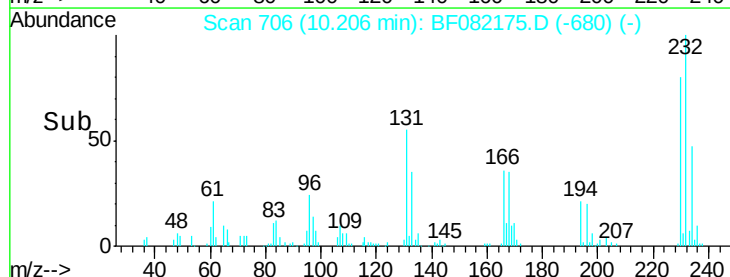


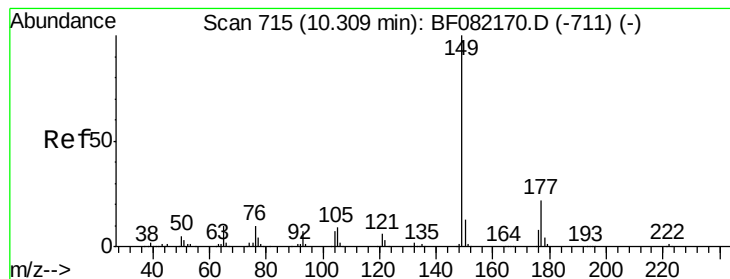
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.88 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

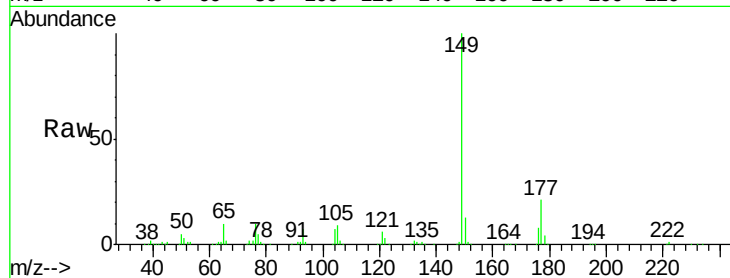
Tgt Ion:149 Resp: 473881

Ion Ratio Lower Upper

149 100

177 21.0 17.6 26.4

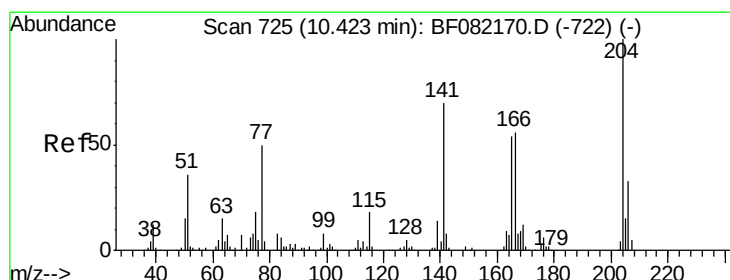
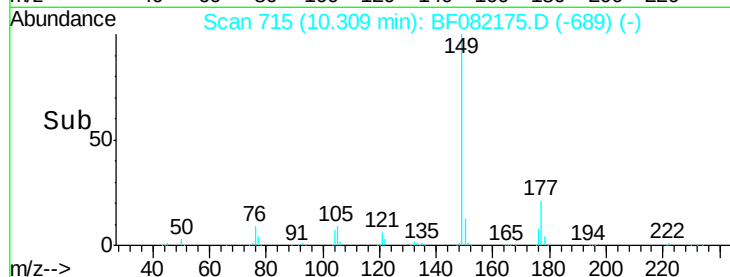
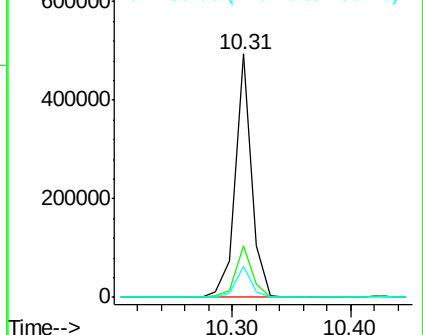
150 12.8 10.3 15.5



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: 39.44 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

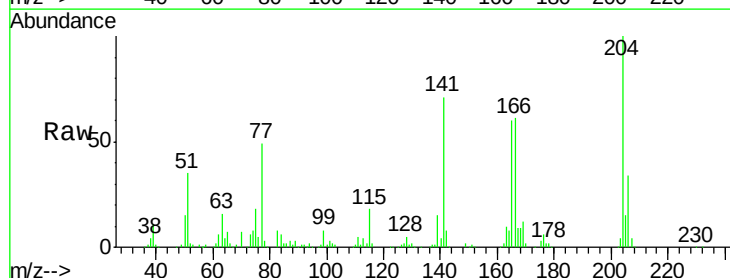
Tgt Ion:204 Resp: 207018

Ion Ratio Lower Upper

204 100

206 34.2 26.8 40.2

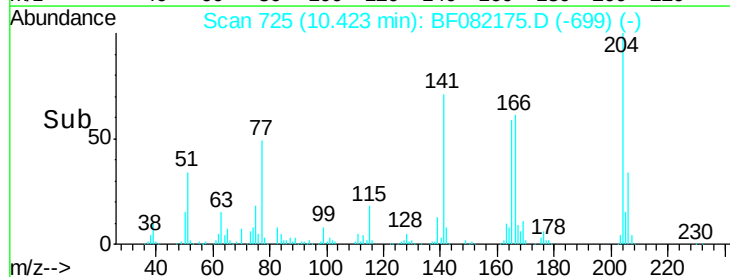
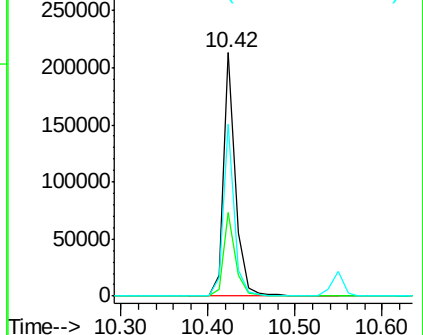
141 70.8 56.1 84.1

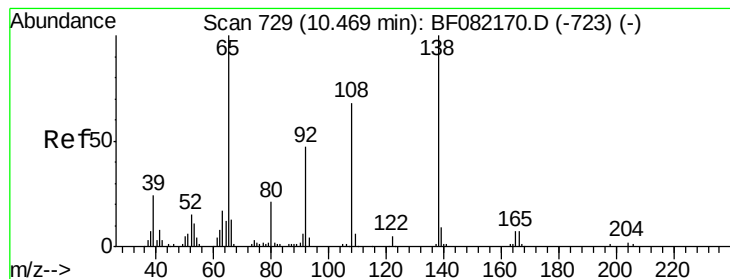


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.28 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

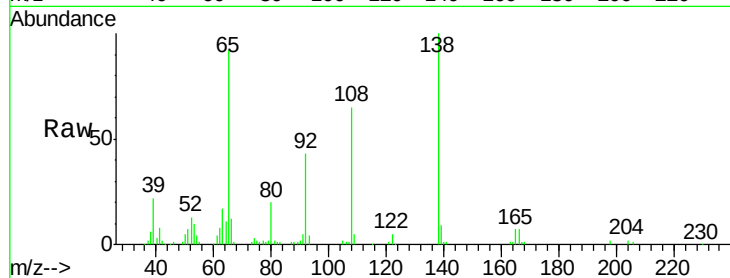
Tgt Ion:138 Resp: 118694

Ion Ratio Lower Upper

138 100

92 43.3 26.8 66.8

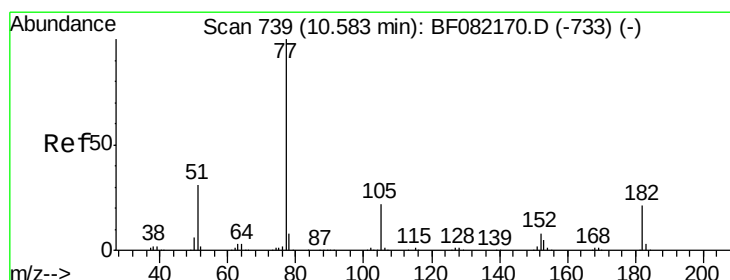
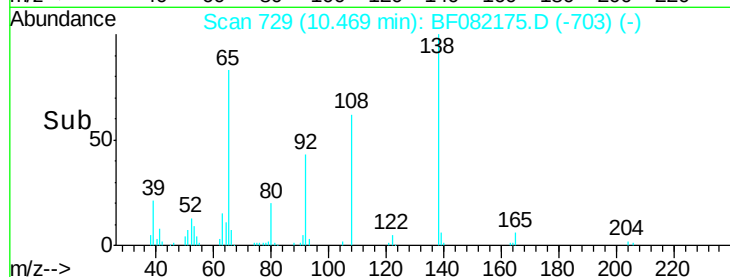
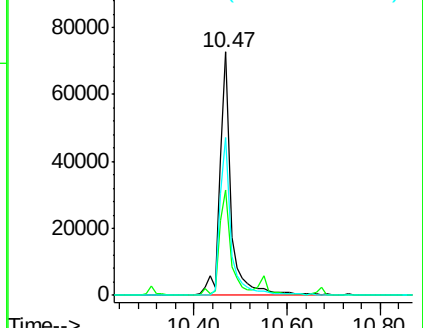
108 64.8 48.4 88.4



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: 40.15 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Tgt Ion: 77 Resp: 466932

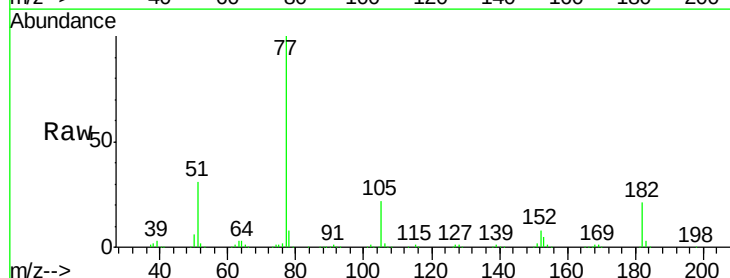
Ion Ratio Lower Upper

77 100

182 21.5 0.5 40.5

105 21.9 1.8 41.8

51 30.7 11.2 51.2

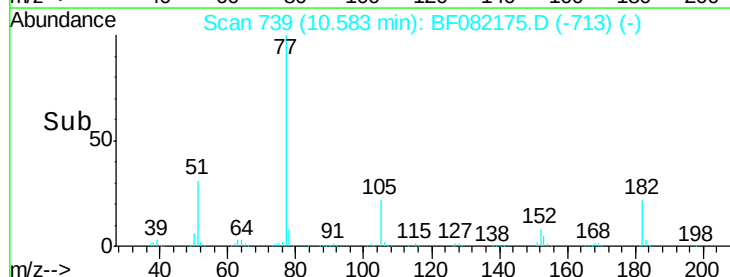
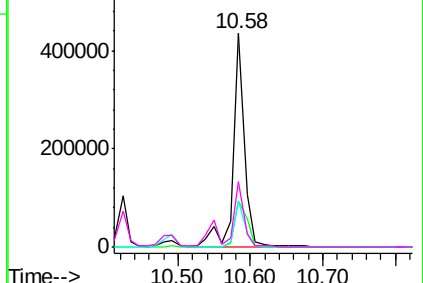


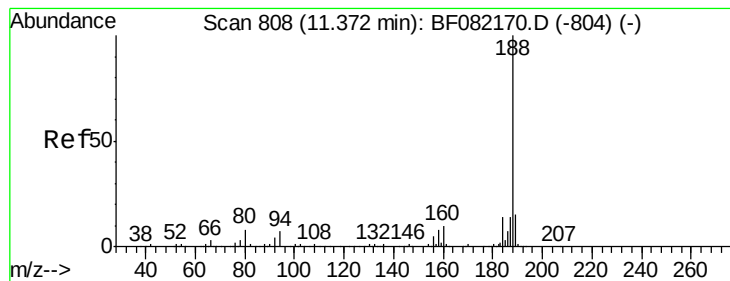
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

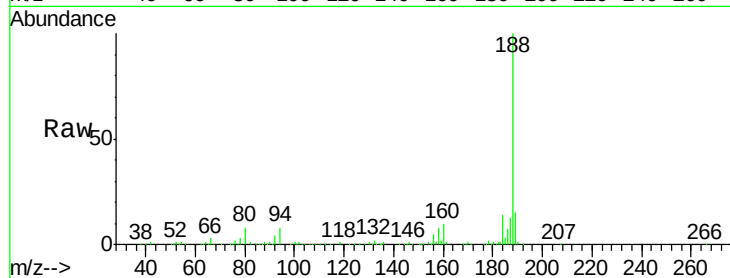
Tgt Ion:188 Resp: 342151

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

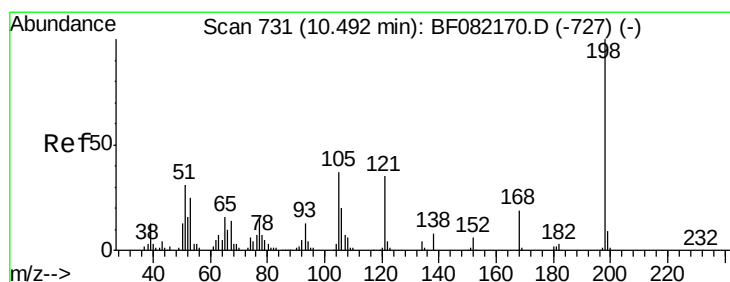
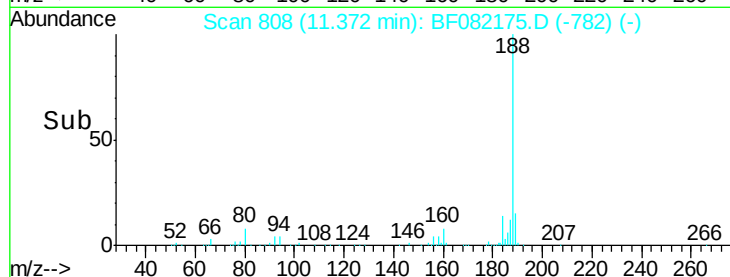
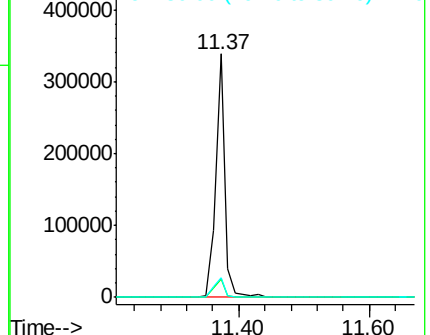
80 7.9 6.4 9.6



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: 44.06 ng

RT: 10.49 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

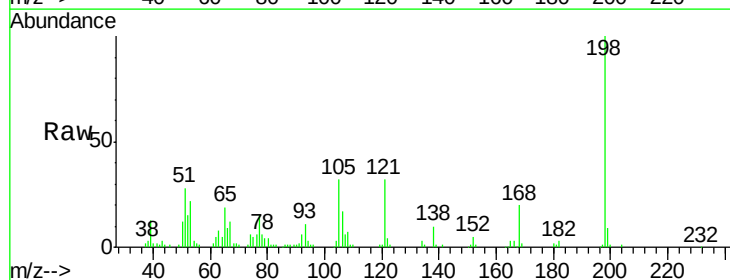
Tgt Ion:198 Resp: 84605

Ion Ratio Lower Upper

198 100

51 27.9 13.6 53.6

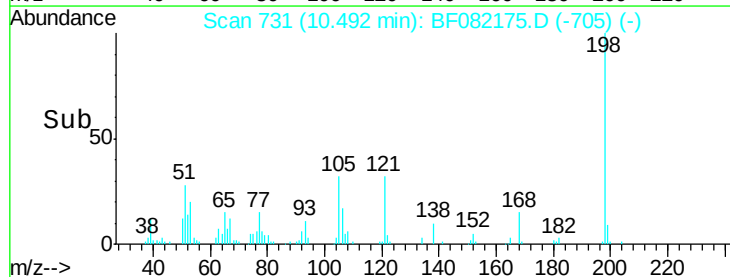
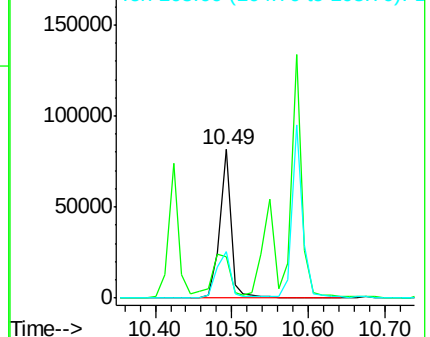
105 31.7 17.1 57.1

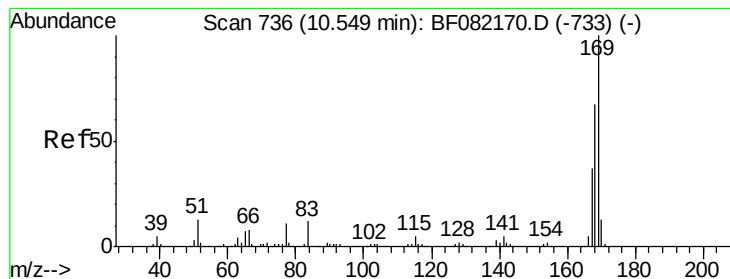


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.23 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

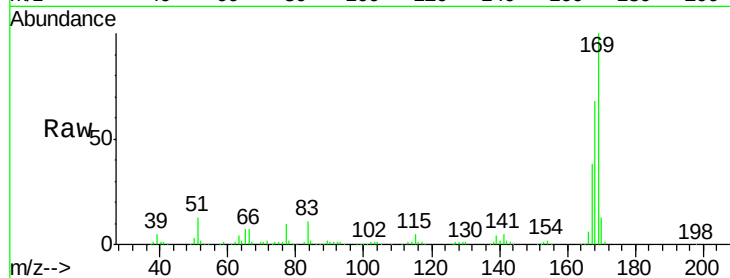
Tgt Ion:169 Resp: 422344

Ion Ratio Lower Upper

169 100

168 68.1 54.0 81.0

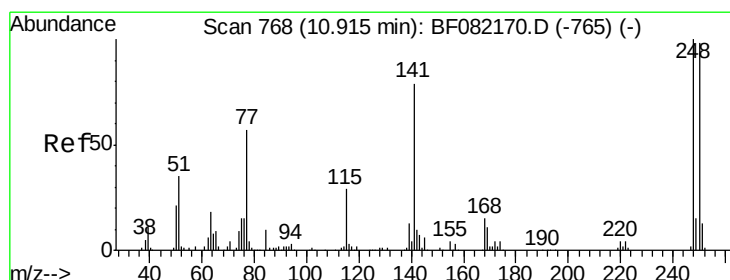
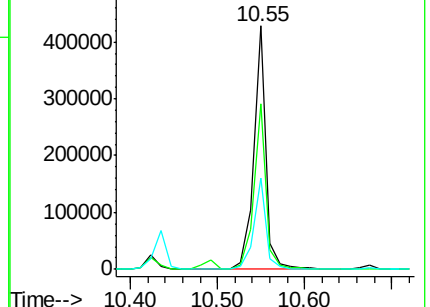
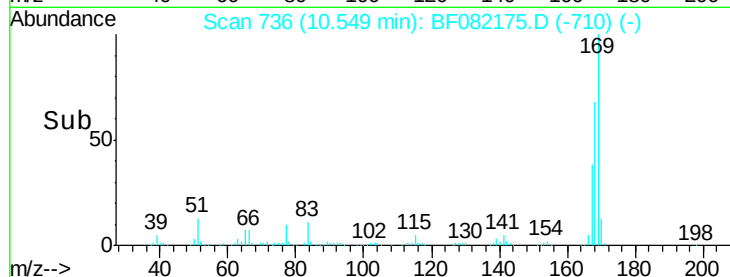
167 37.7 29.6 44.4



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: 40.92 ng

RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

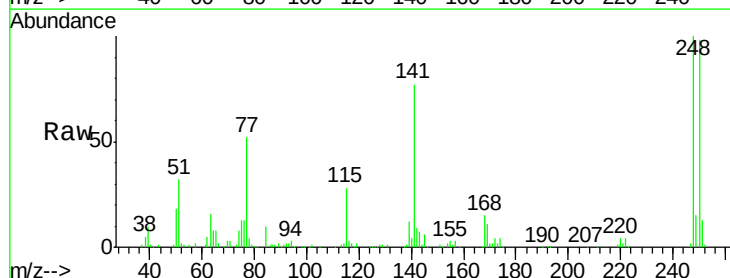
Tgt Ion:248 Resp: 140118

Ion Ratio Lower Upper

248 100

250 97.7 78.6 117.8

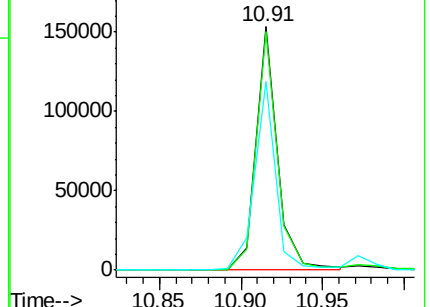
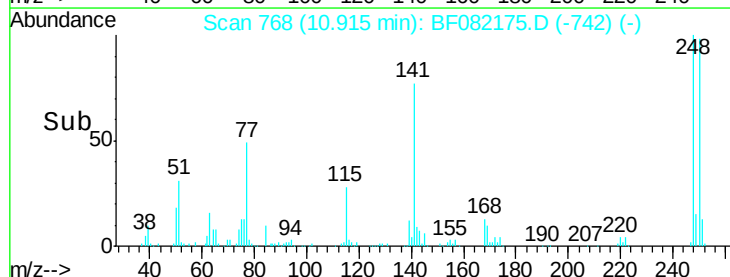
141 77.5 63.3 94.9

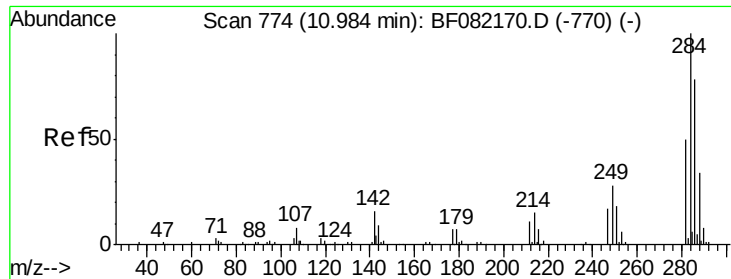


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

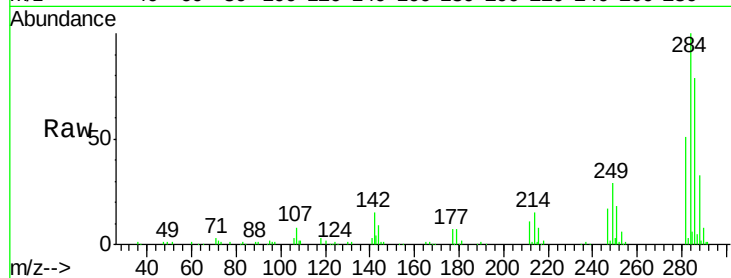




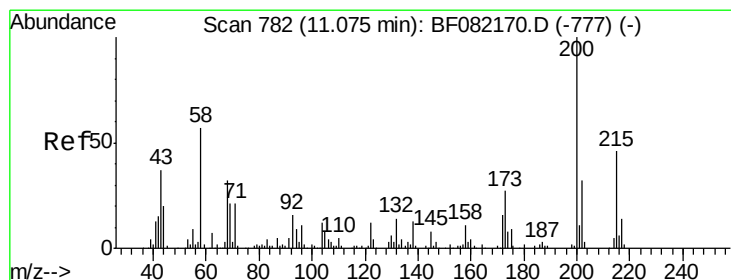
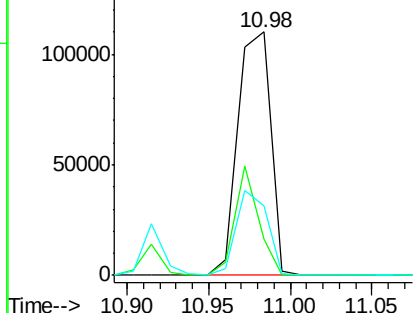
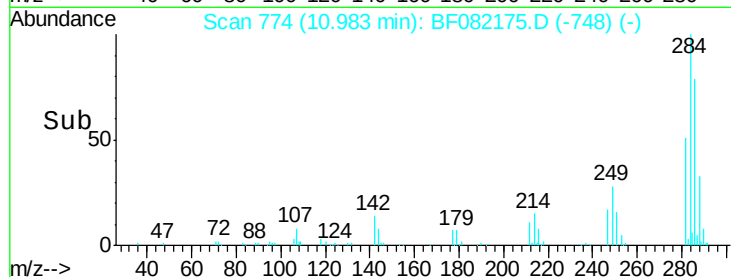
#67
Hexachlorobenzene
Concen: 41.29 ng
RT: 10.98 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Instrument :
BNA_F
ClientSampled :
PB86035BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	15.1	13.0	19.6
249	28.7	22.5	33.7

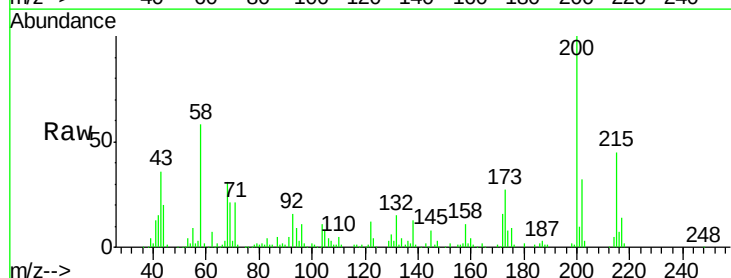


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

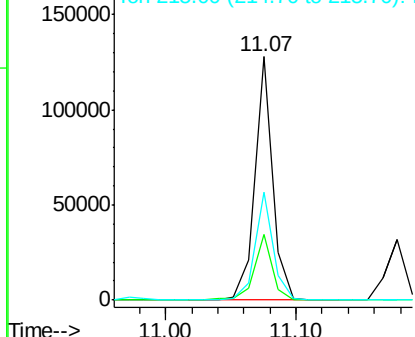
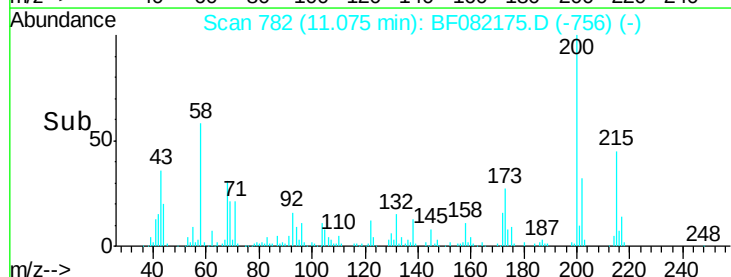


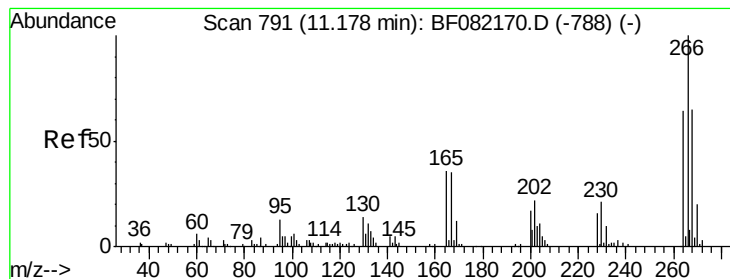
#68
Atrazine
Concen: 37.73 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.3	47.3
215	44.5	26.2	66.2



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

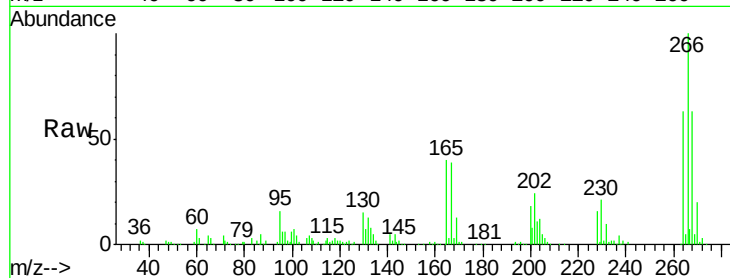




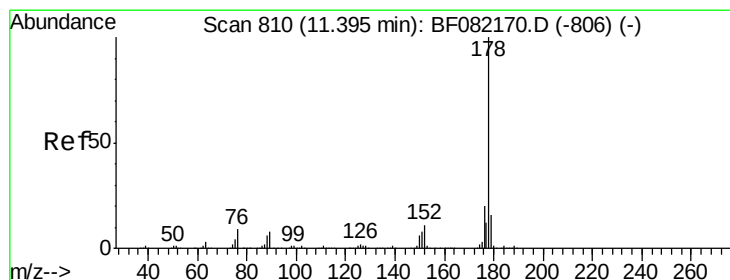
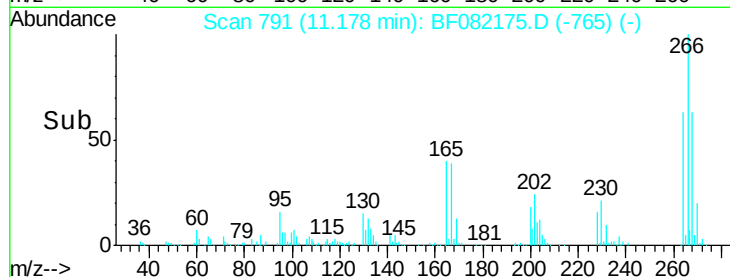
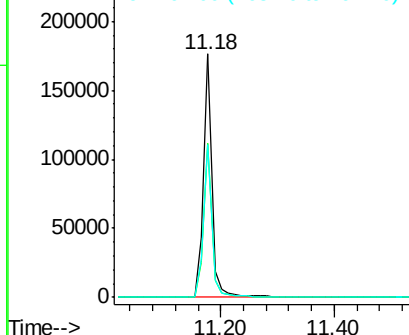
#69
 Pentachlorophenol
 Concen: 93.49 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

Tgt Ion:266 Resp: 178162
 Ion Ratio Lower Upper
 266 100
 268 63.1 52.0 78.0
 264 62.9 51.4 77.0

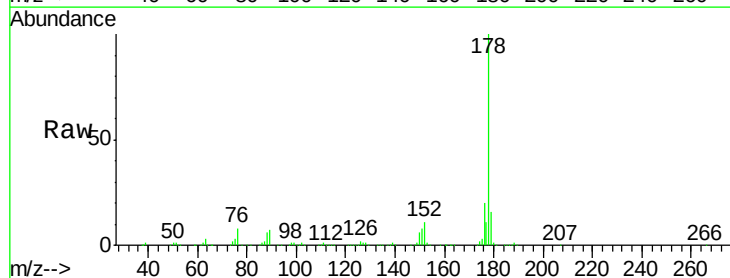


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

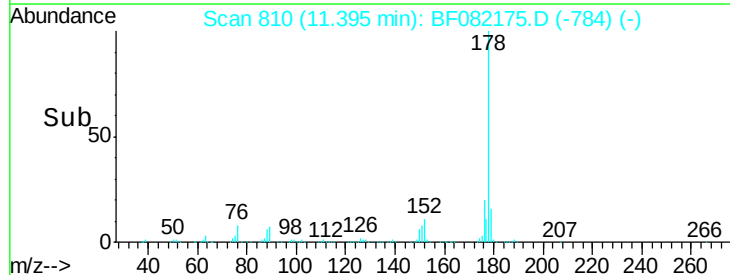
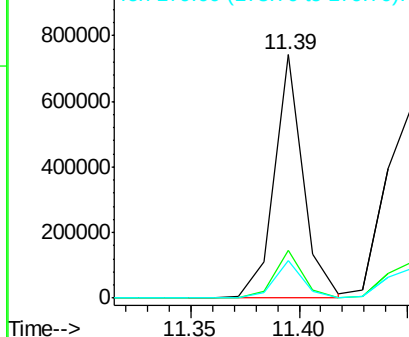


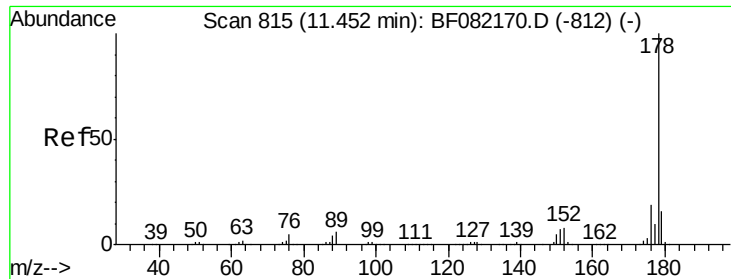
#70
 Phenanthrene
 Concen: 41.16 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion:178 Resp: 690315
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.7 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: 43.98 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

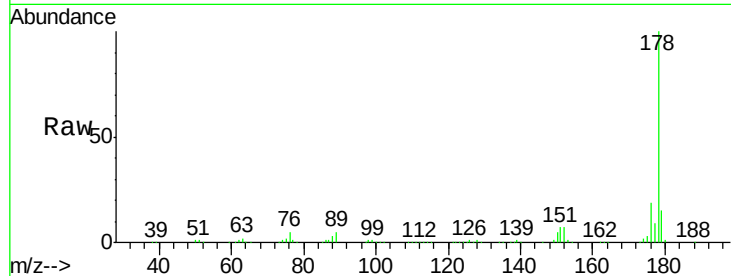
Tgt Ion:178 Resp: 760080

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

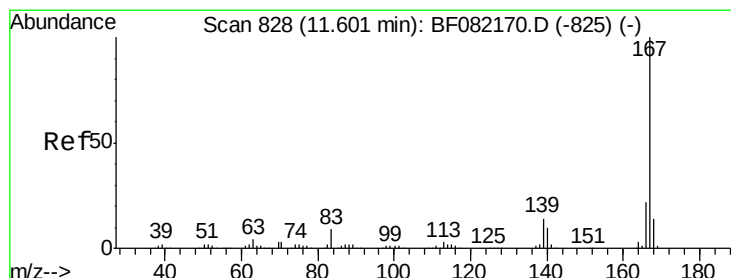
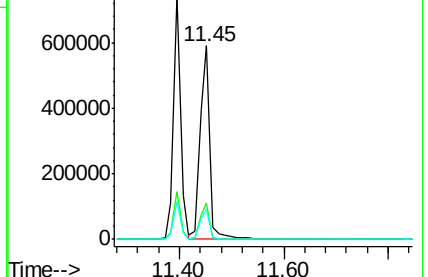
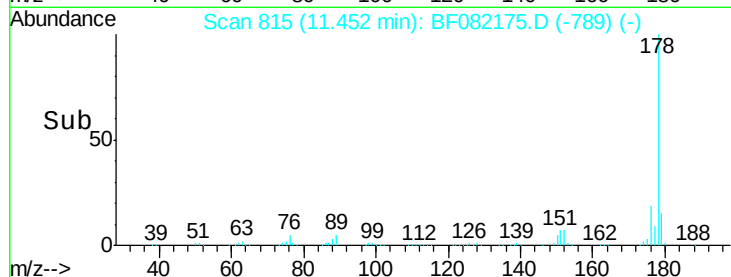
179 15.2 12.5 18.7



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: 39.74 ng

RT: 11.60 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

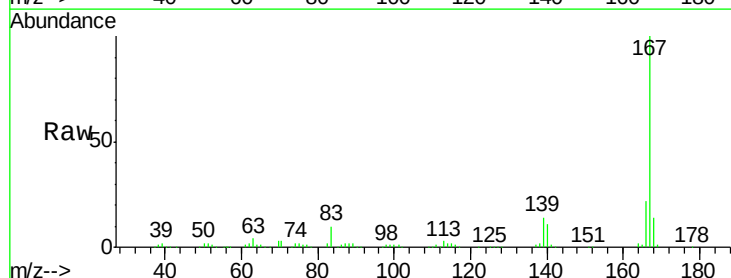
Tgt Ion:167 Resp: 626551

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

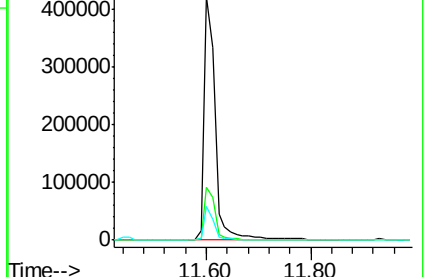
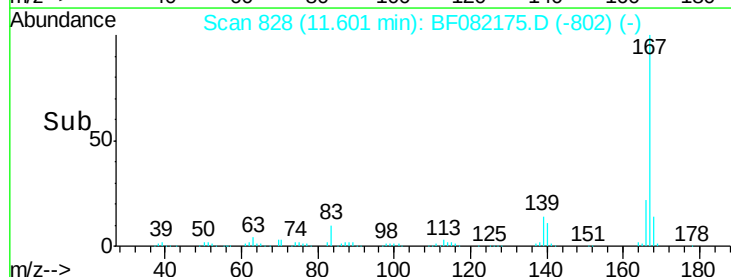
139 14.0 11.2 16.8

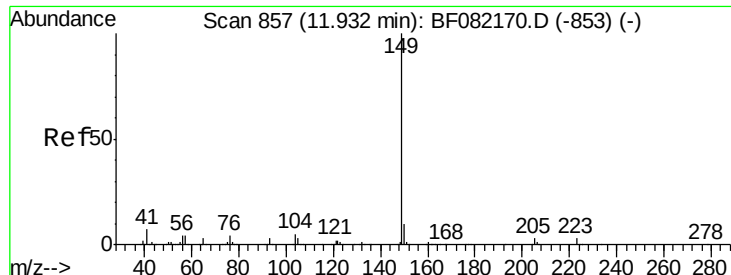


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.35 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

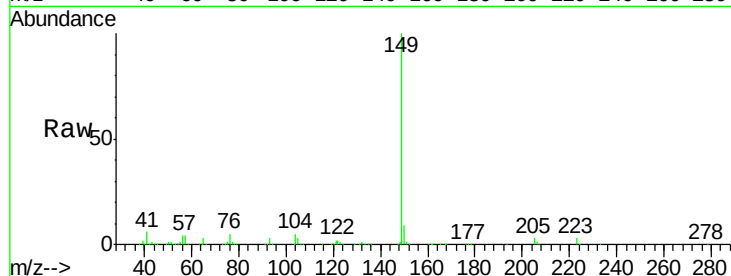
Tgt Ion:149 Resp: 804160

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

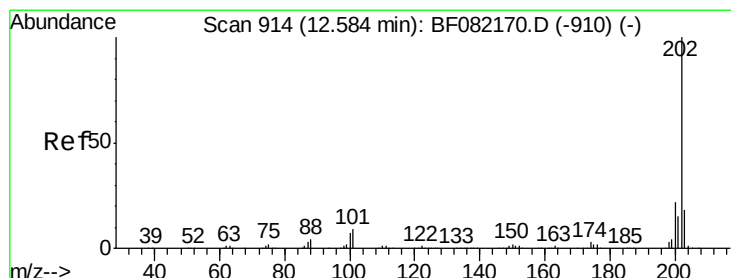
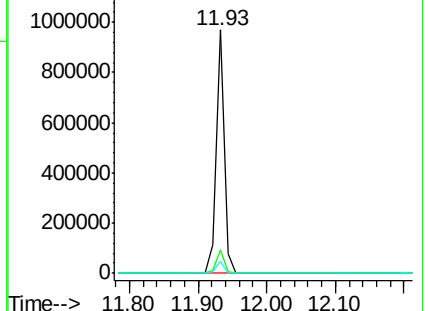
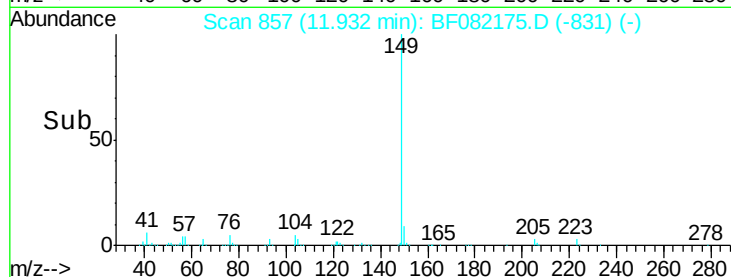
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.95 ng

RT: 12.58 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

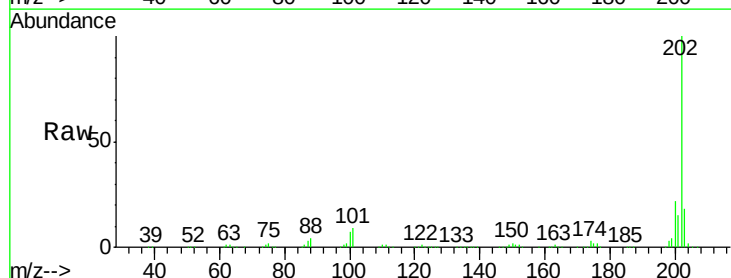
Tgt Ion:202 Resp: 773631

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.3

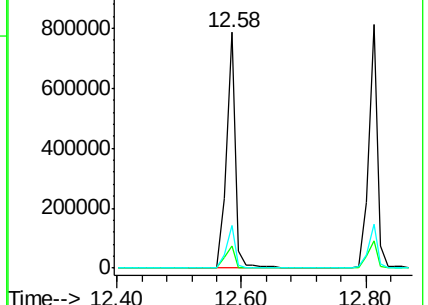
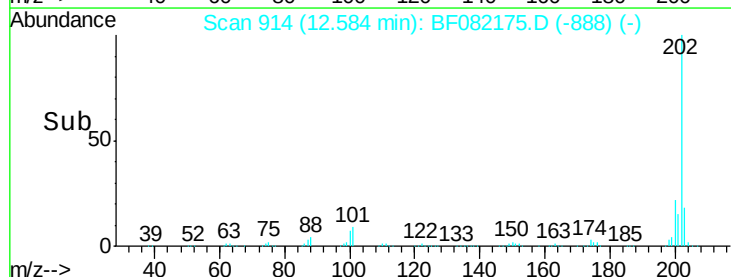
203 18.1 0.0 37.8

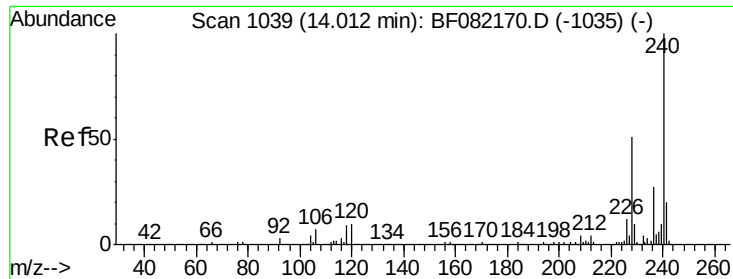


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

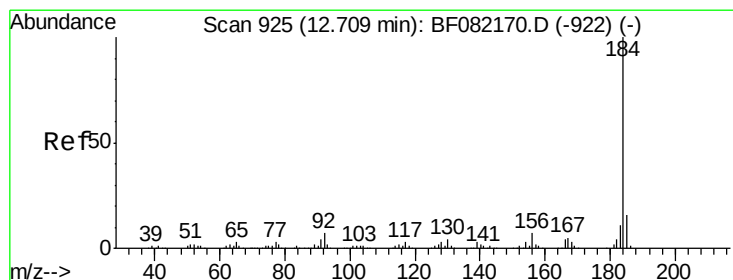
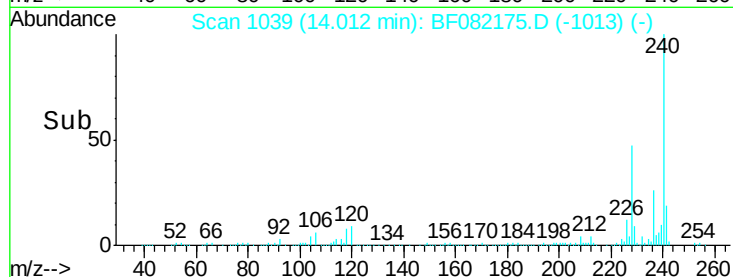
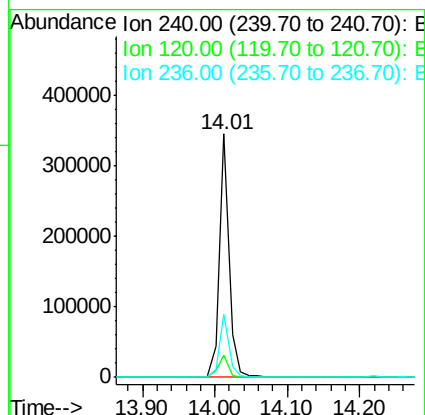
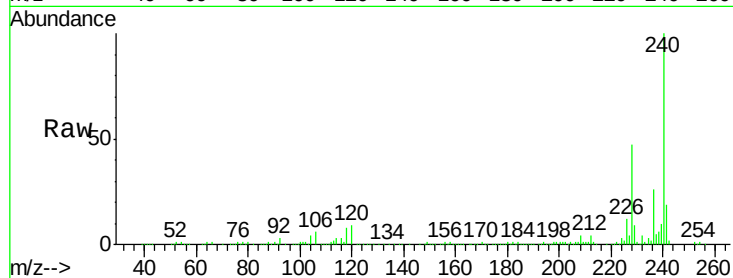




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

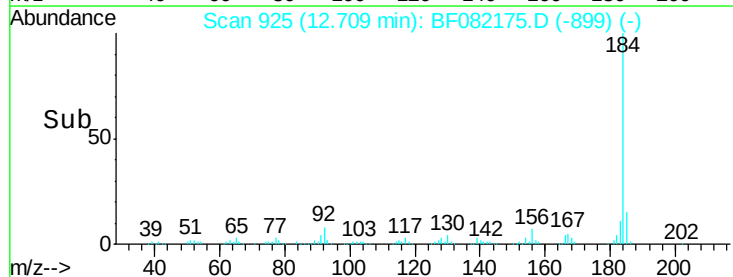
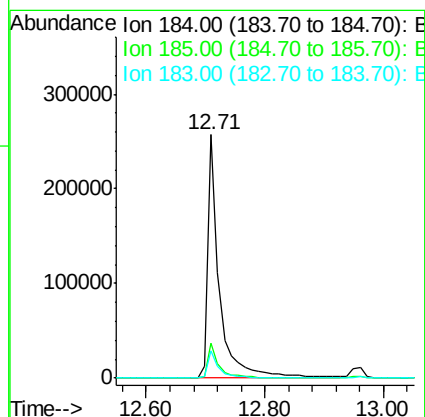
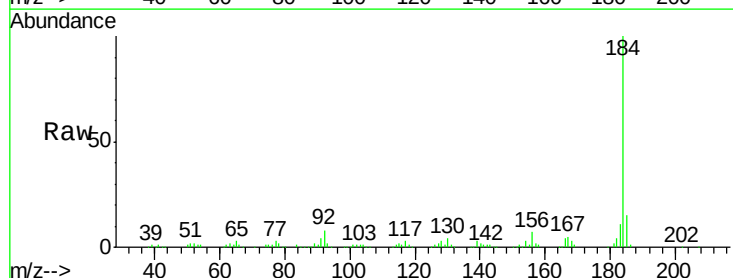
Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

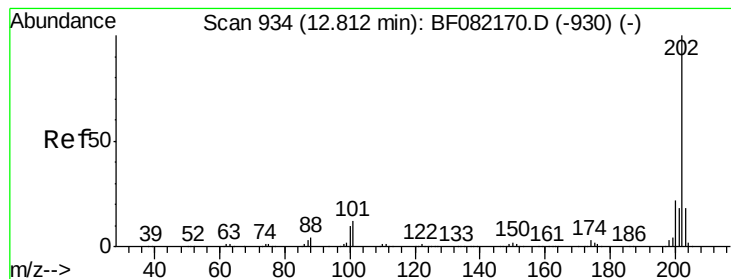
Tgt Ion: 240 Resp: 322863
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.1 12.1
 236 26.0 21.3 31.9



#76
 Benzidine
 Concen: 38.30 ng
 RT: 12.71 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion: 184 Resp: 358320
 Ion Ratio Lower Upper
 184 100
 185 14.5 12.5 18.7
 183 11.4 9.1 13.7





#77

Pyrene

Concen: 40.51 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

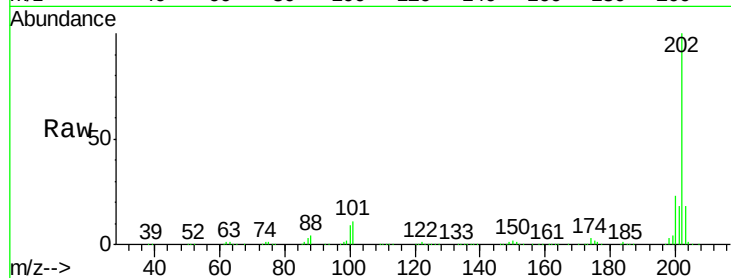
Tgt Ion:202 Resp: 776168

Ion Ratio Lower Upper

202 100

200 22.5 17.9 26.9

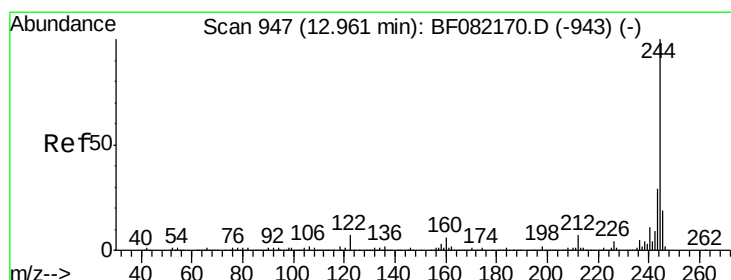
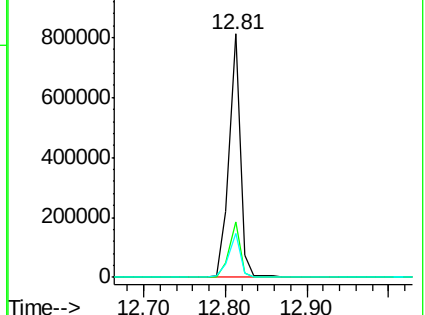
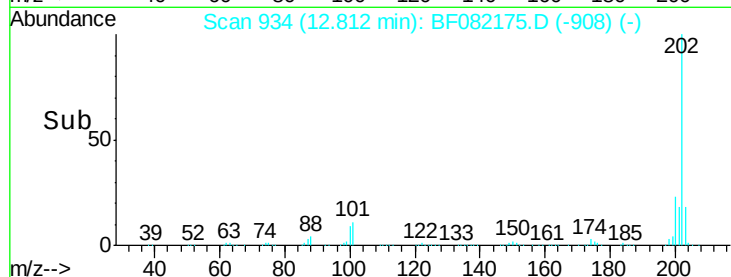
203 17.8 14.5 21.7



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: 84.57 ng

RT: 12.96 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

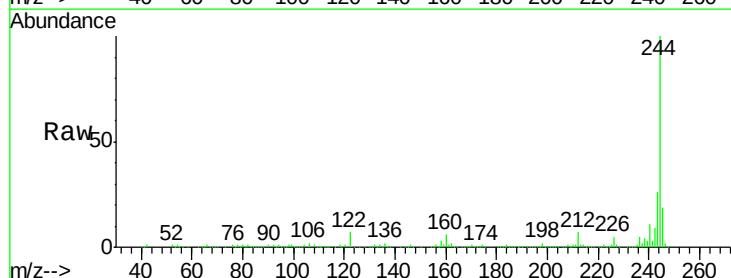
Tgt Ion:244 Resp: 1030340

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

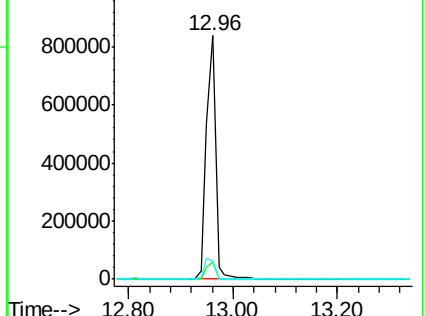
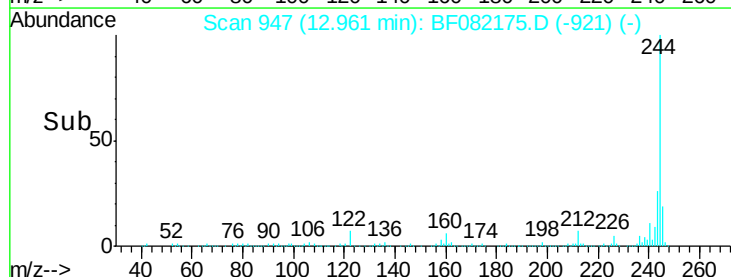
122 7.4 5.9 8.9

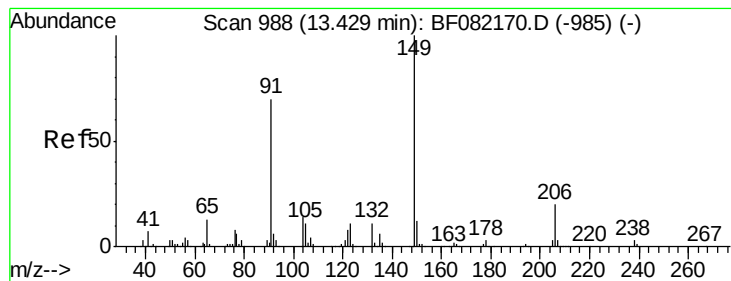


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.09 ng

RT: 13.43 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

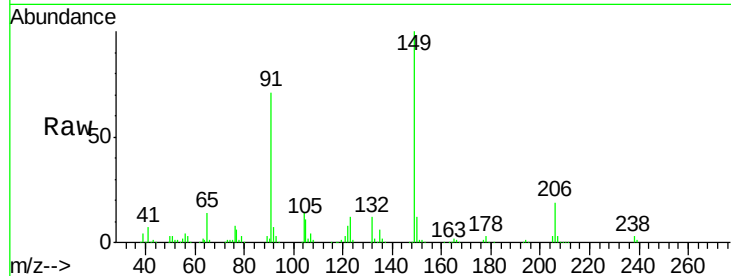
Tgt Ion:149 Resp: 333035

Ion Ratio Lower Upper

149 100

91 71.5 55.7 83.5

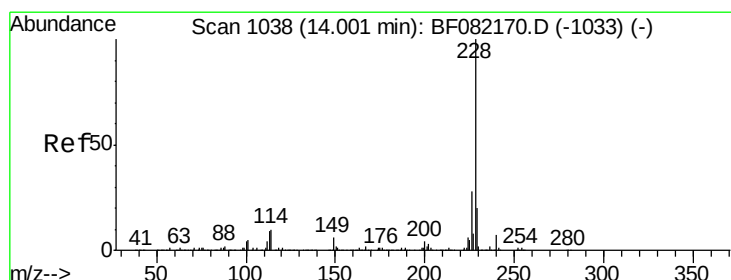
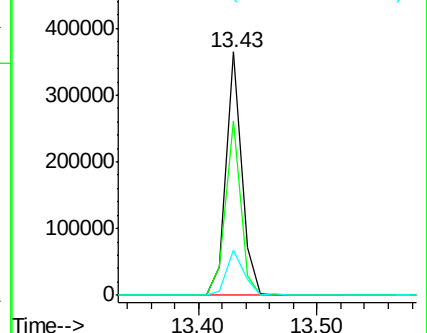
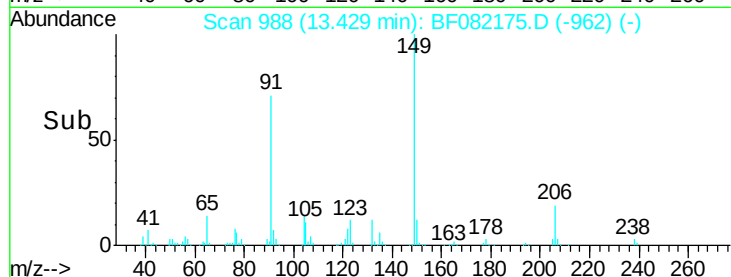
206 18.8 15.6 23.4



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: 39.92 ng

RT: 14.00 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

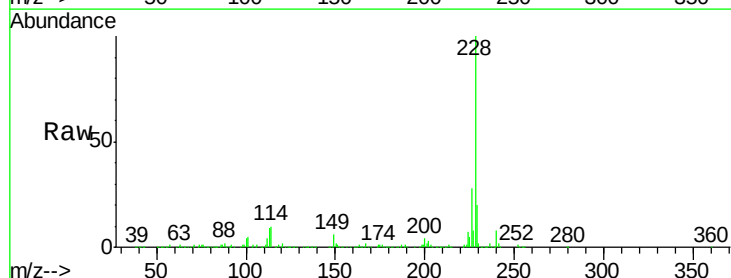
Tgt Ion:228 Resp: 670545

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

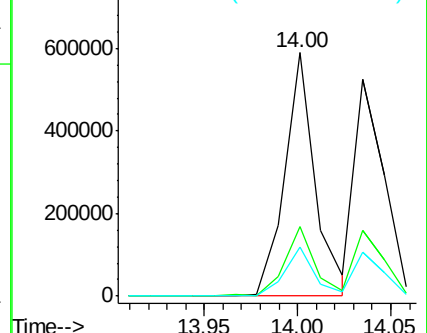
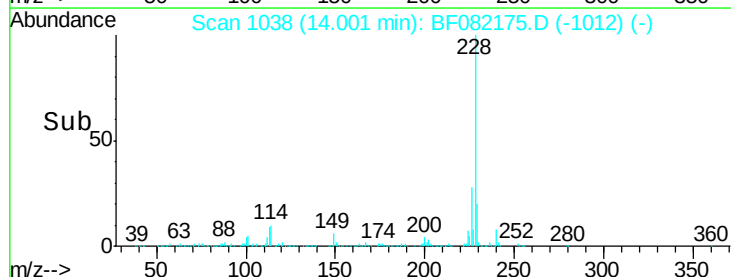
229 20.2 16.2 24.2

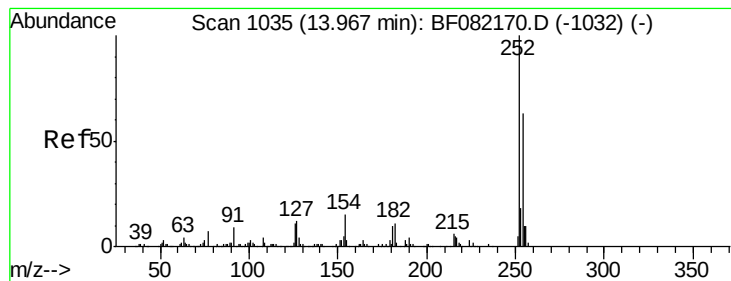


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 29.42 ng

RT: 13.97 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

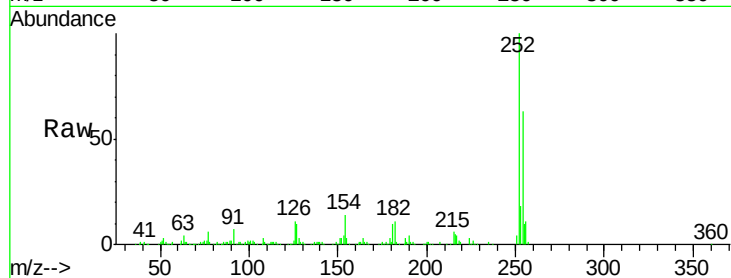
Tgt Ion:252 Resp: 187576

Ion Ratio Lower Upper

252 100

254 63.2 50.7 76.1

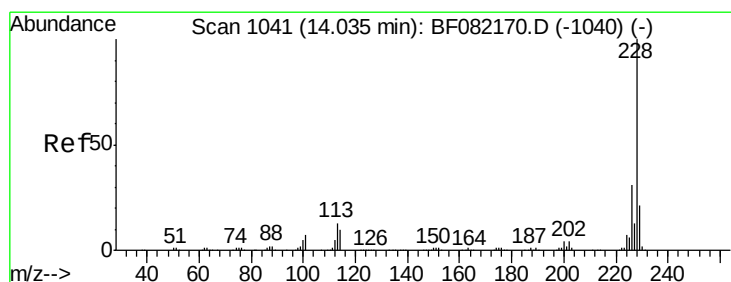
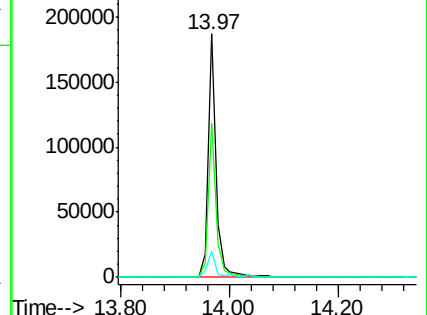
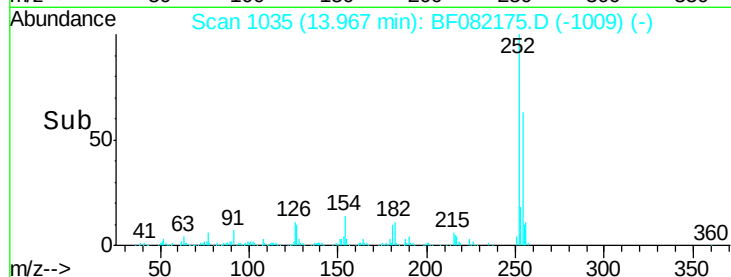
126 10.5 9.0 13.6



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: 34.44 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

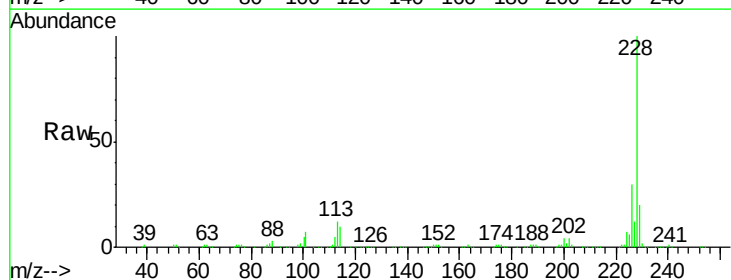
Tgt Ion:228 Resp: 609563

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

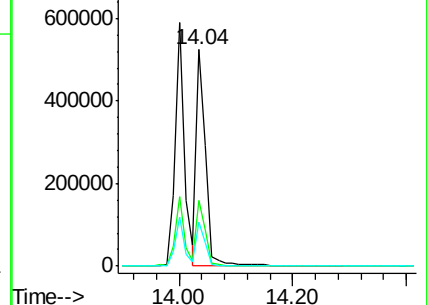
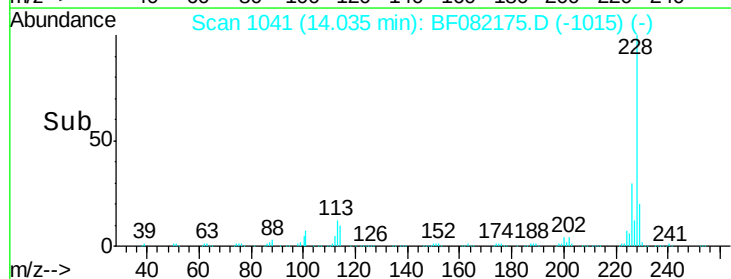
229 20.3 16.3 24.5

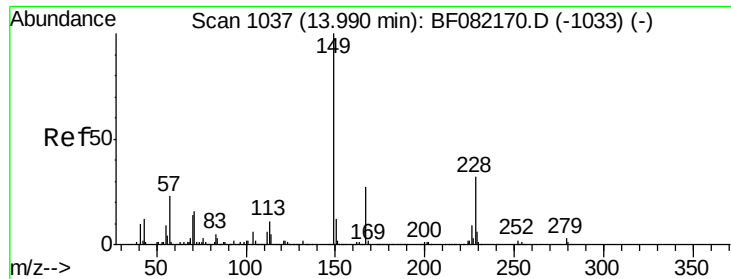


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.78 ng

RT: 13.99 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

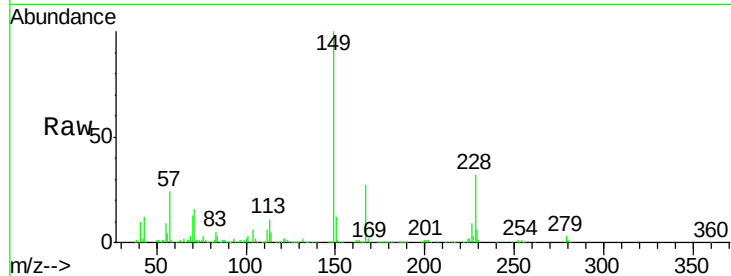
Tgt Ion:149 Resp: 496262

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

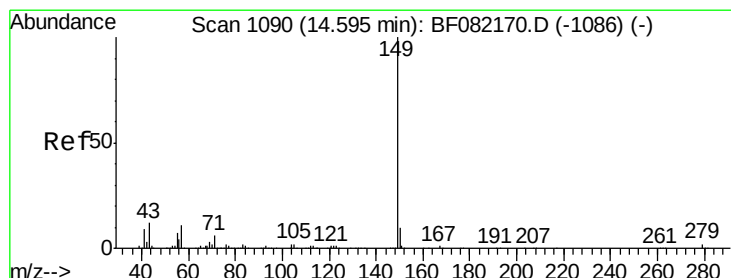
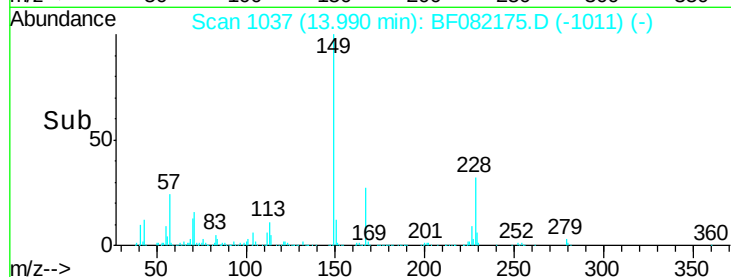
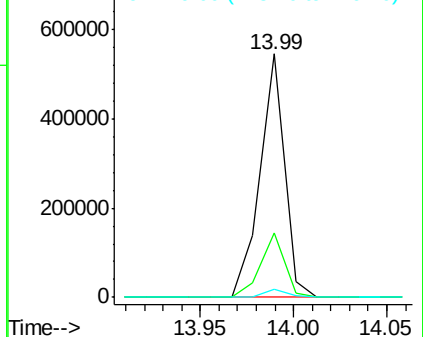
279 3.3 2.6 4.0



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: 37.77 ng

RT: 14.60 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

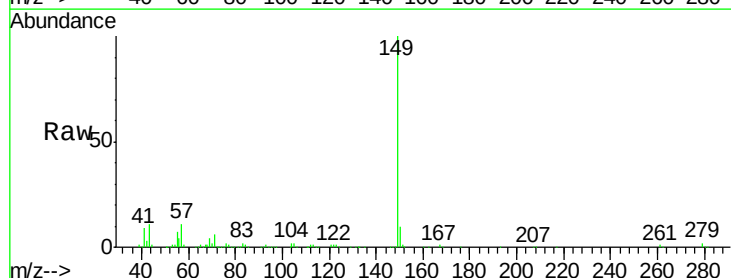
Tgt Ion:149 Resp: 809233

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

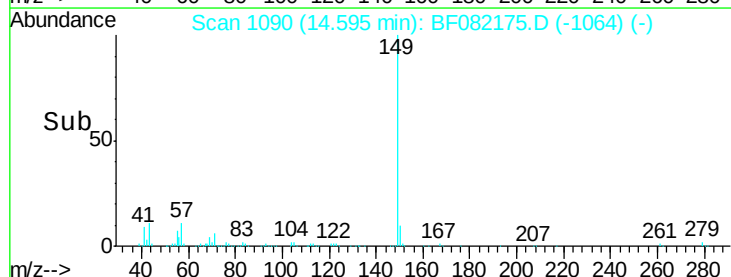
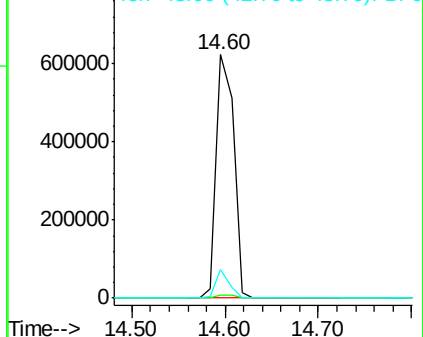
43 9.1 7.4 11.2

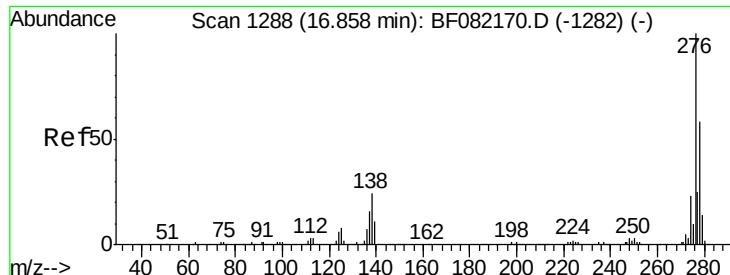


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

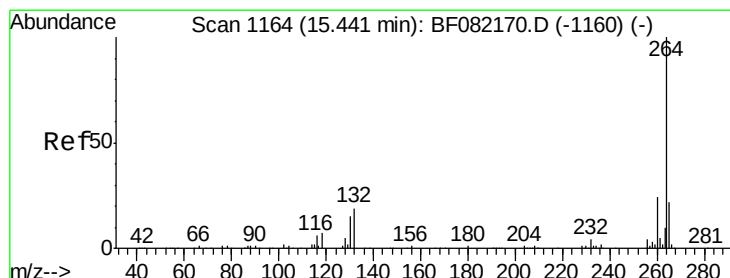
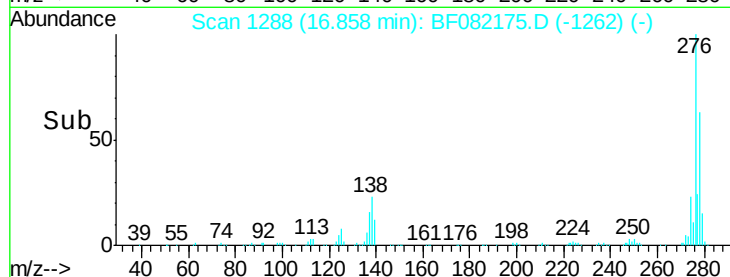
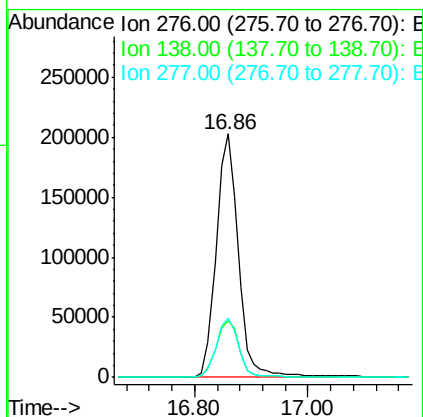
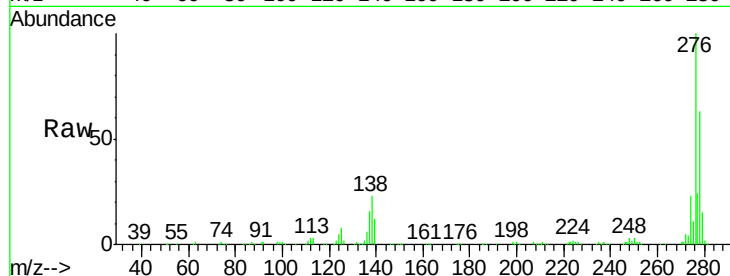




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.00 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

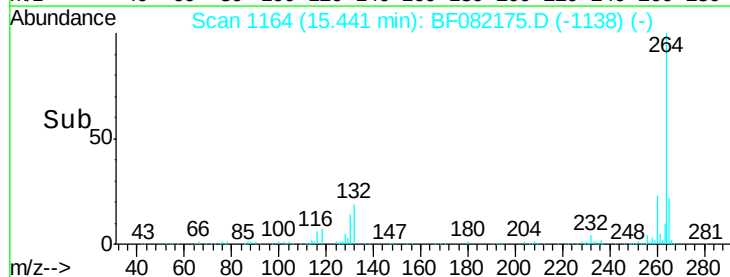
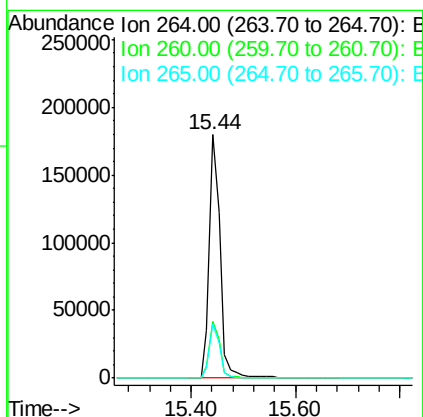
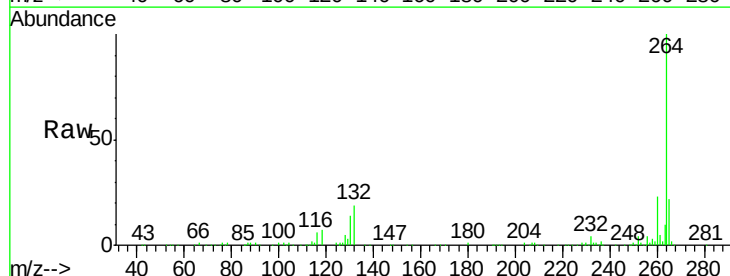
Instrument :
 BNA_F
 ClientSampleId :
 PB86035BS

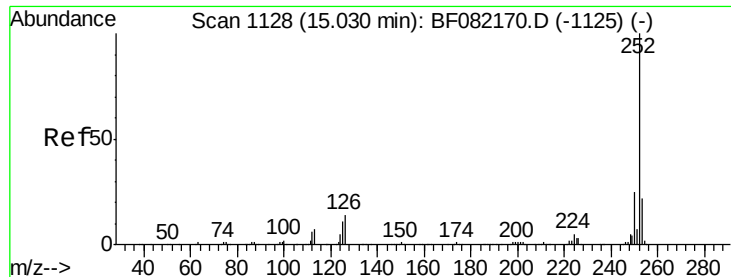
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.7	29.5
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082175.D
 Acq: 10 Oct 2015 14:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.1	17.3	25.9

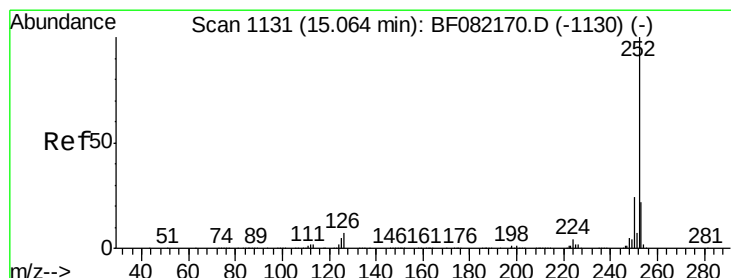
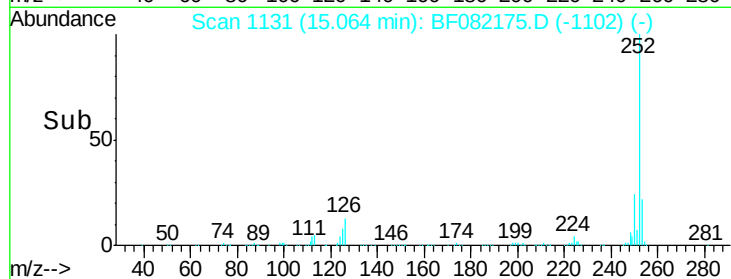
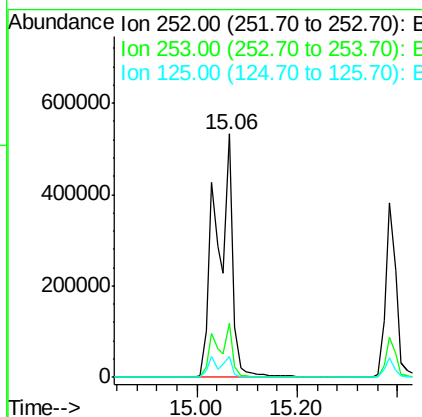
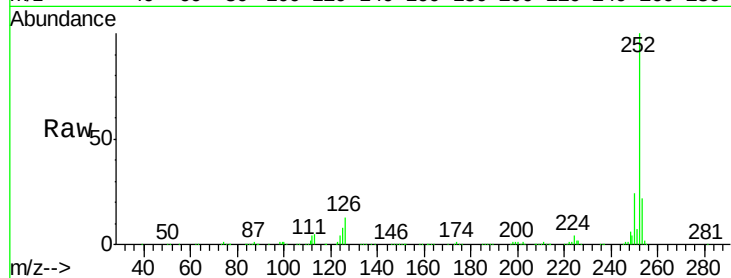




#87
Benzo(b)fluoranthene
Concen: 76.82 ng
RT: 15.06 min Scan# 1131
Delta R.T. 0.03 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

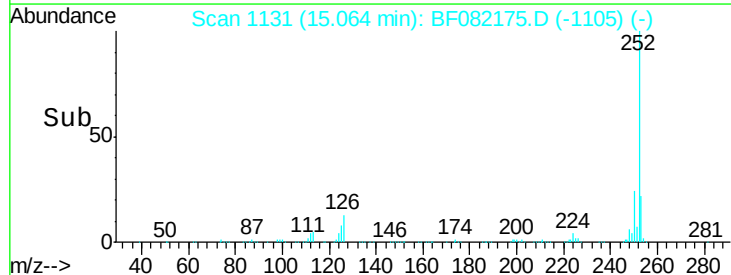
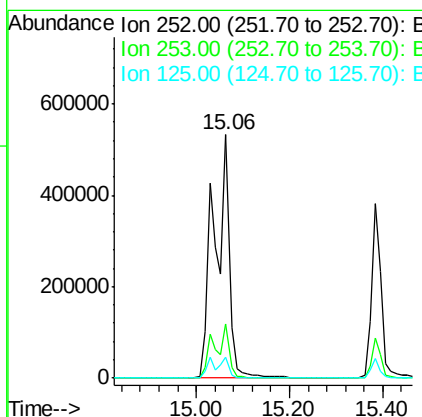
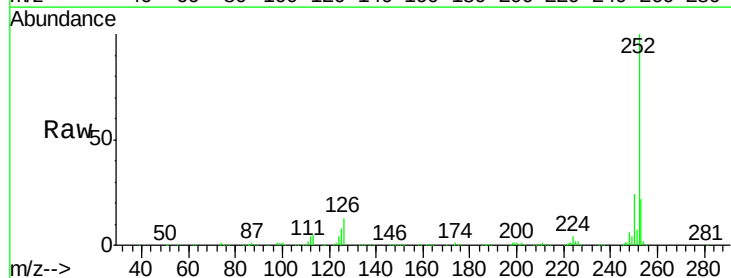
Instrument :
BNA_F
ClientSampleId :
PB86035BS

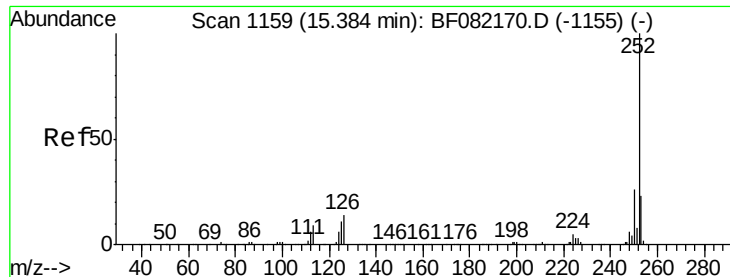
Tgt Ion:252 Resp: 1216167
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 8.5 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 91.49 ng
RT: 15.06 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF082175.D
Acq: 10 Oct 2015 14:34

Tgt Ion:252 Resp: 1217400
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 8.5 6.7 10.1





#89

Benzo(a)pyrene

Concen: 41.59 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS

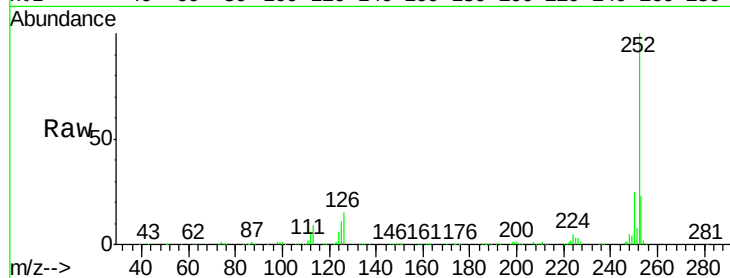
Tgt Ion:252 Resp: 565869

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

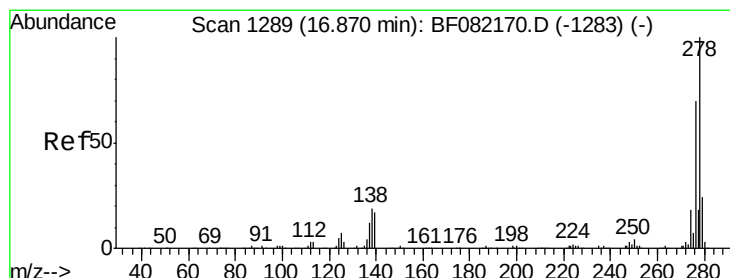
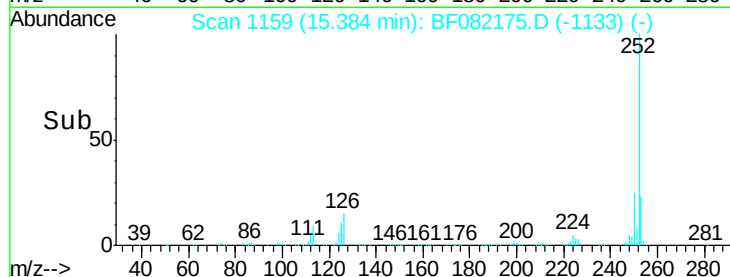
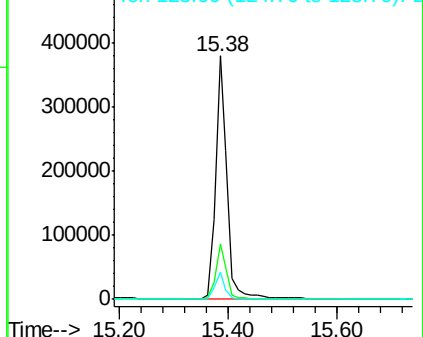
125 11.2 8.9 13.3



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: 41.50 ng

RT: 16.87 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF082175.D

Acq: 10 Oct 2015 14:34

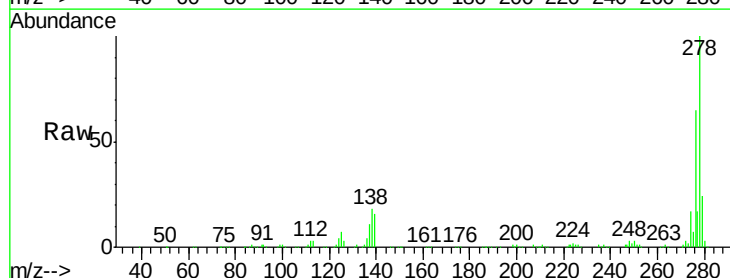
Tgt Ion:278 Resp: 462686

Ion Ratio Lower Upper

278 100

139 16.4 13.3 19.9

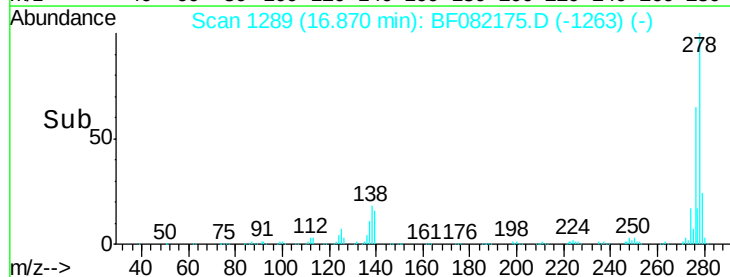
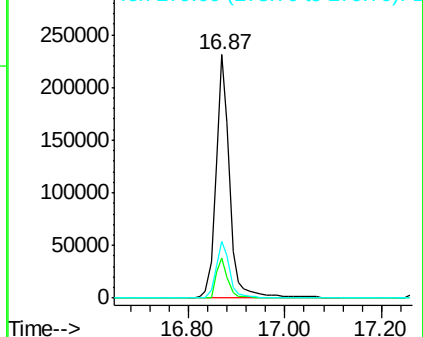
279 23.6 18.9 28.3

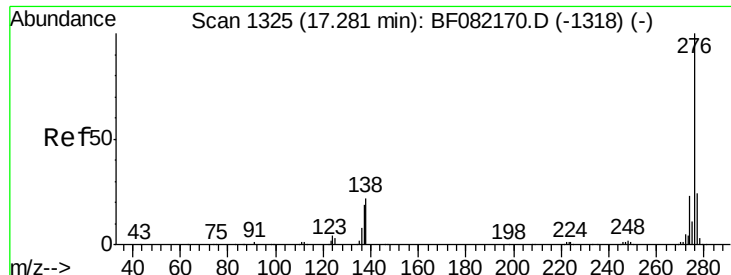


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.18 ng

RT: 17.28 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF082175.D

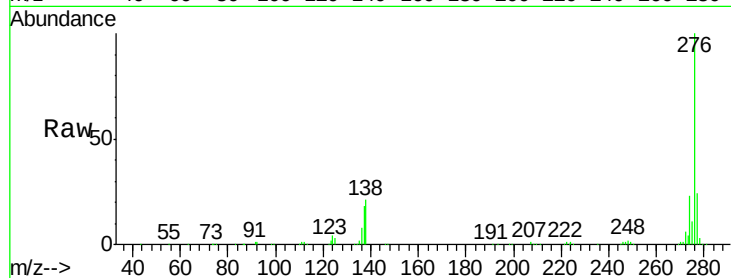
Acq: 10 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86035BS



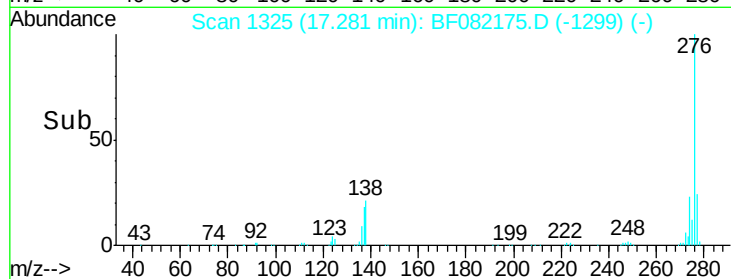
Tgt Ion: 276 Resp: 446014

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 21.2 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

