

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082177.D
 Acq On : 10 Oct 2015 15:35
 Operator : UM/IZ
 Sample : PB86038BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Quant Time: Oct 12 01:56:39 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	98246	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	397462	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	204986	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	381935	20.00	ng	0.00
75) Chrysene-d12	14.01	240	349183	20.00	ng	0.00
86) Perylene-d12	15.44	264	276251	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	592831	121.78	ng	0.01
7) Phenol-d6	6.48	99	749866	118.37	ng	0.00
23) Nitrobenzene-d5	7.41	82	478407	80.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	221346	115.14	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1027913	83.16	ng	0.00
78) Terphenyl-d14	12.96	244	1095166	83.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	74106	30.30	ng	98
3) Pyridine	3.23	79	206692	36.34	ng	96
4) n-Nitrosodimethylamine	3.20	42	84651	35.09	ng	# 93
6) Aniline	6.50	93	211577	25.90	ng	95
8) 2-Chlorophenol	6.63	128	222504	37.44	ng	99
9) Benzaldehyde	6.39	77	107654	33.28	ng	93
10) Phenol	6.49	94	289592	39.65	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	235260	38.09	ng	97
12) 1,3-Dichlorobenzene	6.78	146	259677	37.52	ng	99
13) 1,4-Dichlorobenzene	6.86	146	266714	36.90	ng	98
14) 1,2-Dichlorobenzene	7.01	146	245643	35.79	ng	98
15) Benzyl Alcohol	6.98	79	170099	38.90	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	314251	36.54	ng	99
17) 2-Methylphenol	7.10	107	177376	37.75	ng	98
18) Hexachloroethane	7.35	117	90151	36.44	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	150636	33.86	ng	# 88
20) 3+4-Methylphenols	7.26	107	227668	40.66	ng	# 90
22) Acetophenone	7.26	105	300195	38.18	ng	# 98
24) Nitrobenzene	7.43	77	231235	36.09	ng	92
25) Isophorone	7.67	82	445182	37.27	ng	98
26) 2-Nitrophenol	7.75	139	129230	40.40	ng	93
27) 2,4-Dimethylphenol	7.78	122	204588	39.70	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	272408	39.19	ng	99
29) 2,4-Dichlorophenol	7.99	162	215378	41.81	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	219420	36.95	ng	99
31) Naphthalene	8.15	128	685677	39.80	ng	100
32) Benzoic acid	7.92	122	134090	38.77	ng	97
33) 4-Chloroaniline	8.21	127	120094	16.78	ng	95
34) Hexachlorobutadiene	8.26	225	140860	38.07	ng	97
35) Caprolactam	8.58	113	42428	28.38	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	209533	41.59	ng	99
37) 2-Methylnaphthalene	8.85	142	460155	38.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	228742	37.52	ng	99
40) Hexachlorocyclopentadiene	8.99	237	246548	79.92	ng	99

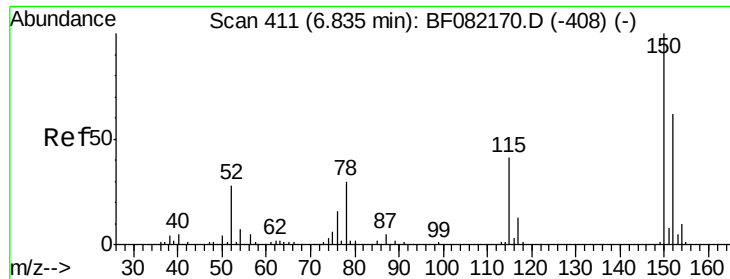
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082177.D
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 Operator : UM/IZ
 Sample : PB86038BS
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 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	151998	37.53	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	163262	37.22	ng	99
45) 1,1'-Biphenyl	9.30	154	550585	35.22	ng	98
46) 2-Chloronaphthalene	9.34	162	448603	36.46	ng	98
47) 2-Nitroaniline	9.43	65	124890	36.97	ng	97
48) Acenaphthylene	9.75	152	734058	38.29	ng	99
49) Dimethylphthalate	9.61	163	530431	36.75	ng	100
50) 2,6-Dinitrotoluene	9.68	165	126492	41.53	ng	87
51) Acenaphthene	9.92	154	436693	37.95	ng	99
52) 3-Nitroaniline	9.85	138	63328	18.41	ng	96
53) 2,4-Dinitrophenol	9.95	184	131148	77.29	ng	# 91
54) Dibenzofuran	10.09	168	636456	40.28	ng	100
55) 4-Nitrophenol	10.01	139	157439	69.81	ng	85
56) 2,4-Dinitrotoluene	10.08	165	149096	39.17	ng	95
57) Fluorene	10.43	166	513861	39.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	131010	36.55	ng	99
59) Diethylphthalate	10.31	149	506847	37.67	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	230266	38.74	ng	97
61) 4-Nitroaniline	10.47	138	122473	36.70	ng	97
62) Azobenzene	10.58	77	502482	38.16	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	91913	42.88	ng	92
65) n-Nitrosodiphenylamine	10.55	169	447148	39.10	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	155506	40.68	ng	99
67) Hexachlorobenzene	10.98	284	159762	38.65	ng	98
68) Atrazine	11.07	200	129635	35.78	ng	99
69) Pentachlorophenol	11.18	266	185713	87.30	ng	98
70) Phenanthrene	11.40	178	724224	38.68	ng	100
71) Anthracene	11.45	178	805189	41.74	ng	99
72) Carbazole	11.60	167	641442	36.45	ng	99
73) Di-n-butylphthalate	11.93	149	842879	38.83	ng	100
74) Fluoranthene	12.58	202	801576	39.87	ng	100
76) Benzidine	12.71	184	317732	31.40	ng	99
77) Pyrene	12.81	202	781309	37.70	ng	100
79) Butylbenzylphthalate	13.43	149	343151	36.29	ng	98
80) Benzo(a)anthracene	14.00	228	704020	38.75	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	170753	24.76	ng	99
82) Chrysene	14.04	228	620412	32.41	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	504716	37.41	ng	100
84) Di-n-octyl phthalate	14.60	149	836246	36.09	ng	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	565524	37.17	ng	99
87) Benzo(b)fluoranthene	15.06	252	1247060	74.20	ng	# 97
88) Benzo(k)fluoranthene	15.06	252	1248327	88.37	ng	100
89) Benzo(a)pyrene	15.38	252	572490	39.64	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	474475	40.09	ng	99
91) Benzo(g,h,i)perylene	17.28	276	452135	39.32	ng	100

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

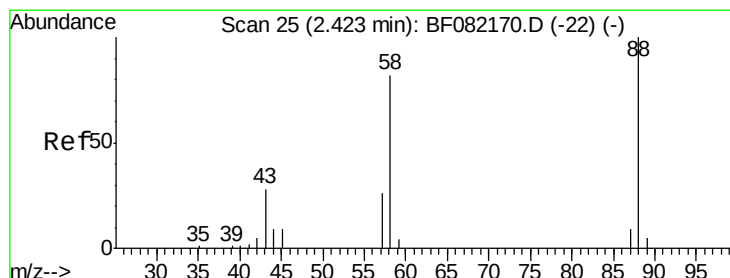
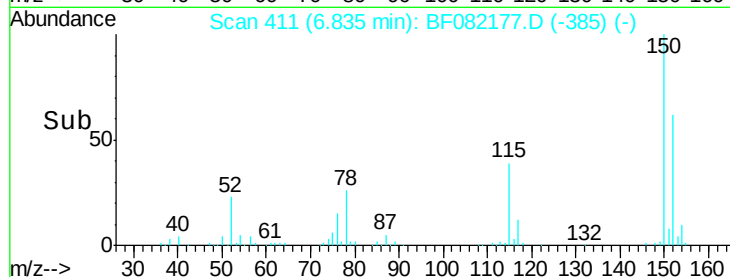
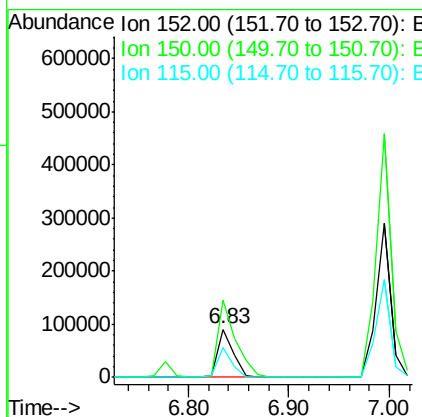
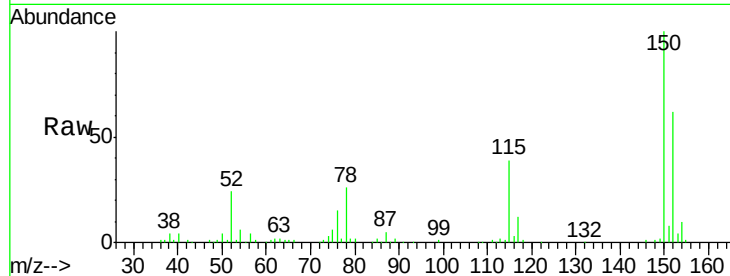


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

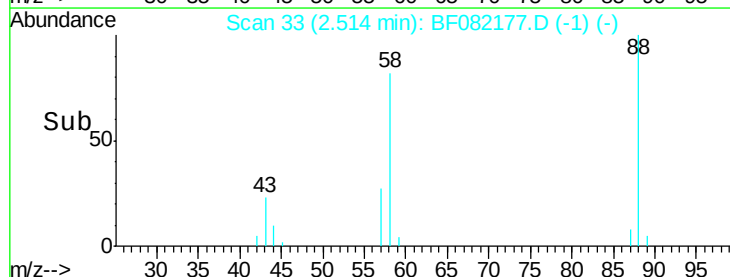
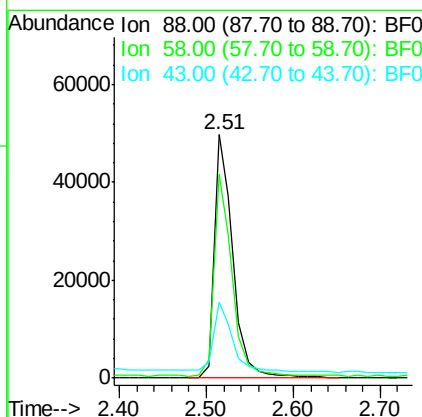
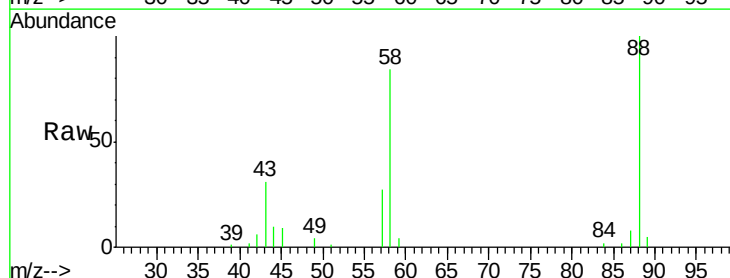
Tgt Ion:152 Resp: 98246
Ion Ratio Lower Upper
152 100
150 161.1 129.0 193.4
115 62.2 52.1 78.1

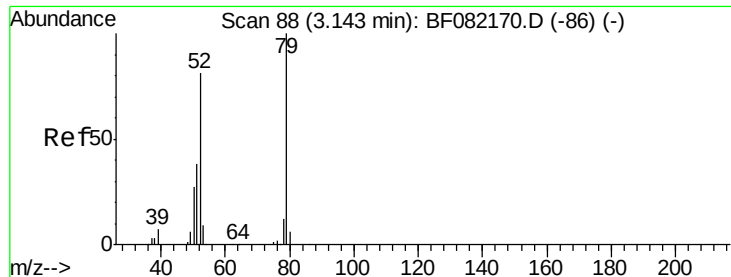


#2

1,4-Dioxane
Concen: 30.30 ng
RT: 2.51 min Scan# 33
Delta R.T. 0.09 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion: 88 Resp: 74106
Ion Ratio Lower Upper
88 100
58 80.6 66.2 99.4
43 29.3 23.0 34.4





#3

Pyridine

Concen: 36.34 ng

RT: 3.23 min Scan# 96

Delta R.T. 0.09 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

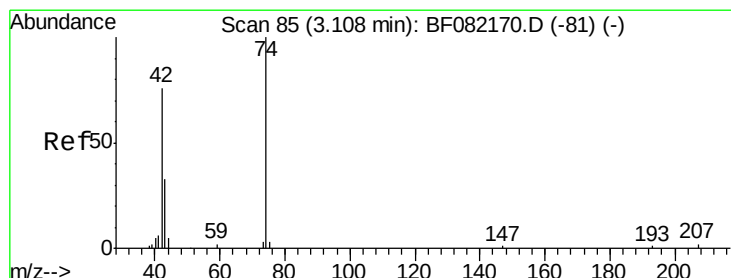
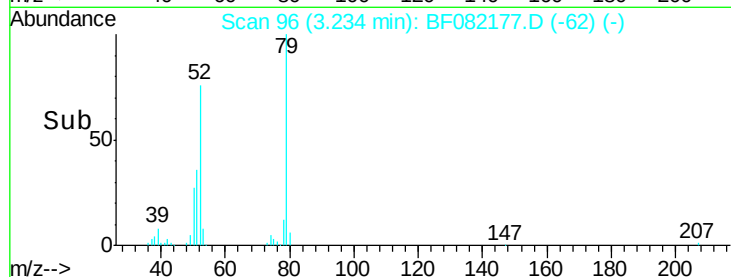
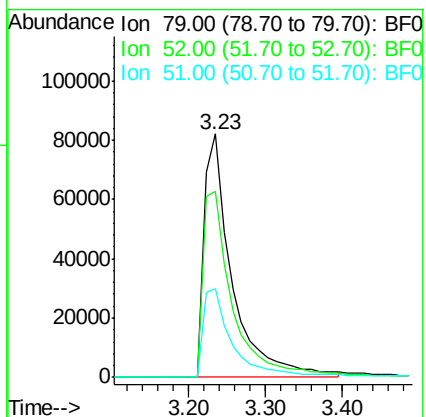
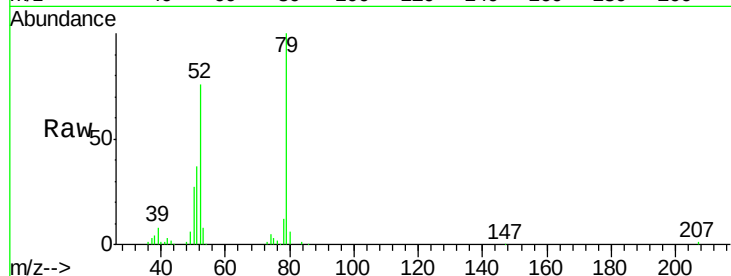
Tgt Ion: 79 Resp: 206692

Ion Ratio Lower Upper

79 100

52 76.5 64.4 96.6

51 36.7 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 35.09 ng

RT: 3.20 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

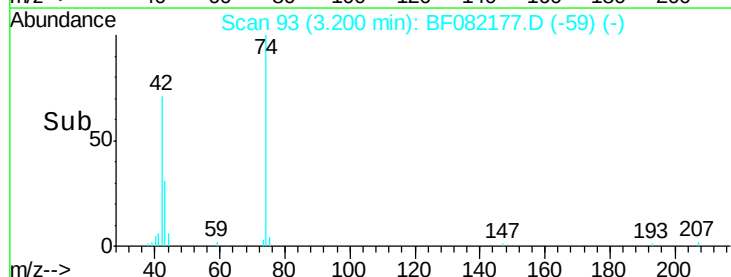
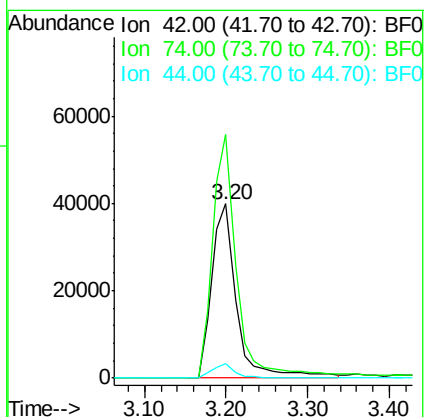
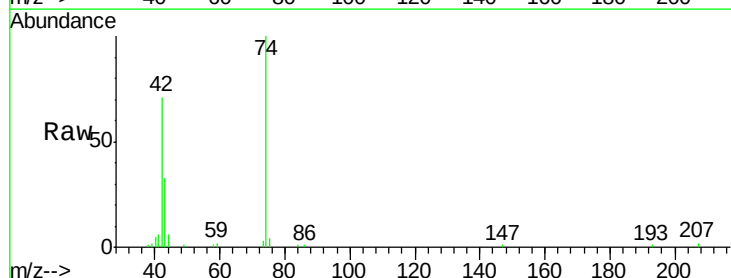
Tgt Ion: 42 Resp: 84651

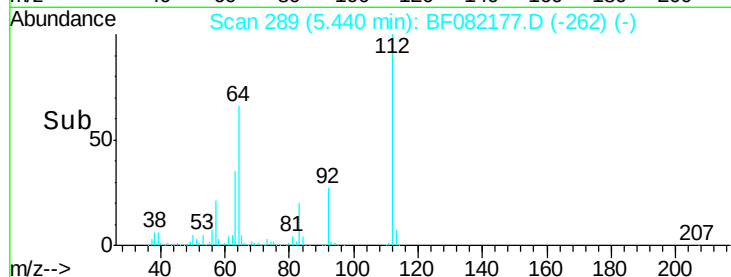
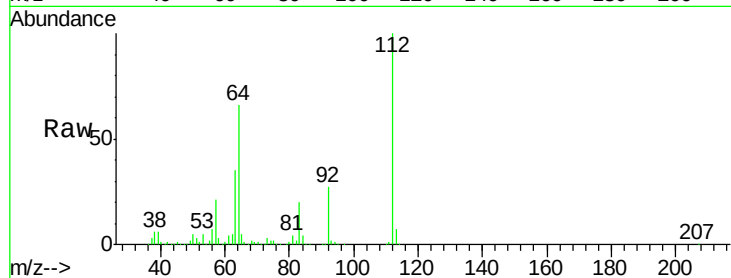
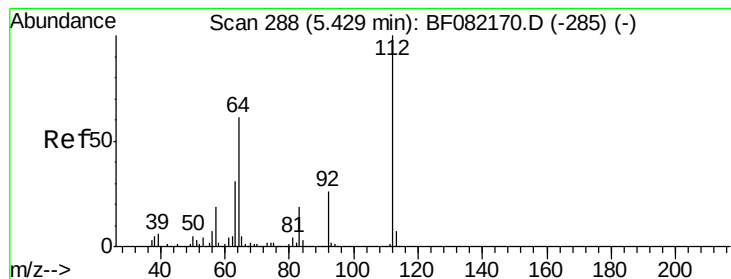
Ion Ratio Lower Upper

42 100

74 140.0 105.7 158.5

44 8.4 5.4 8.2#





#5

2-Fluorophenol

Concen: 121.78 ng

RT: 5.44 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

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PB86038BS

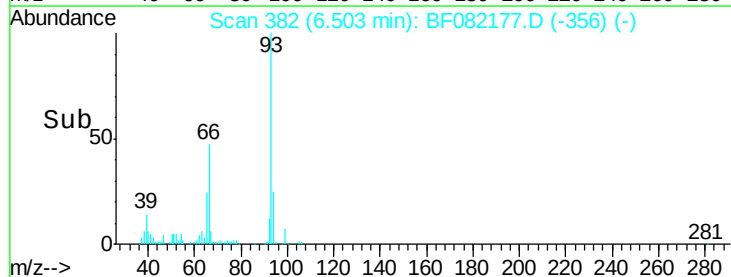
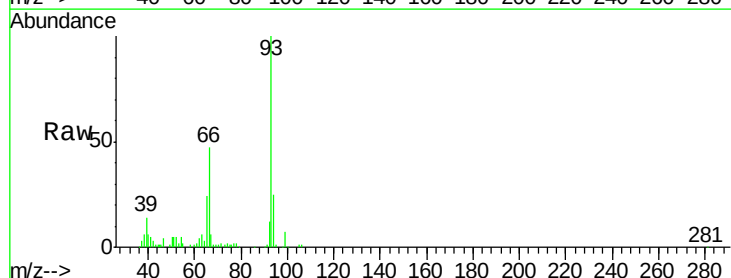
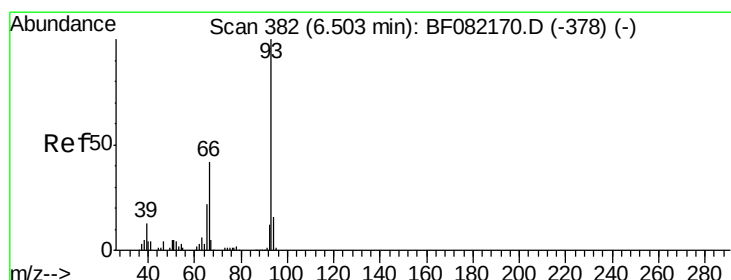
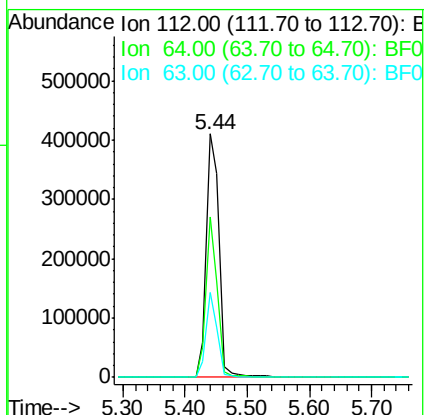
Tgt Ion: 112 Resp: 592831

Ion Ratio Lower Upper

112 100

64 65.7 48.6 73.0

63 34.9 25.1 37.7



#6

Aniline

Concen: 25.90 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

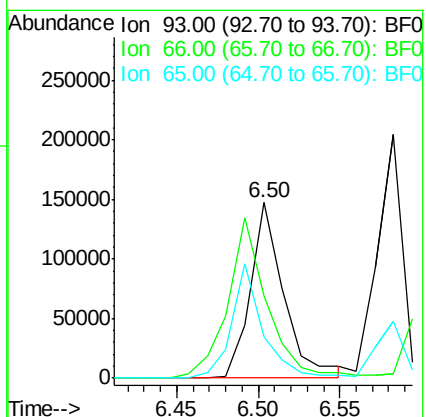
Tgt Ion: 93 Resp: 211577

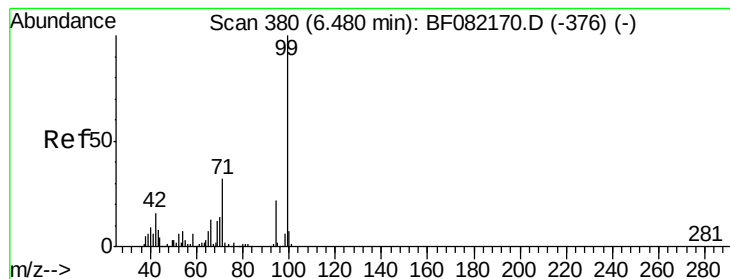
Ion Ratio Lower Upper

93 100

66 46.6 34.2 51.2

65 23.7 17.9 26.9





#7

Phenol-d6

Concen: 118.37 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

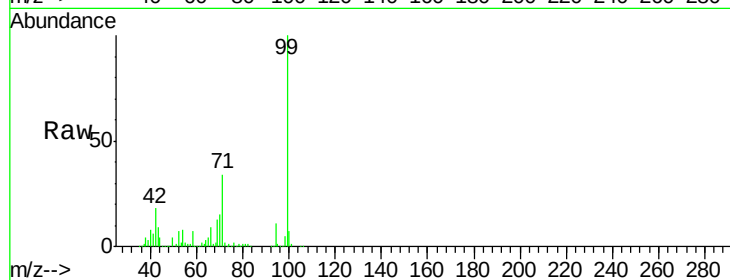
Tgt Ion: 99 Resp: 749866

Ion Ratio Lower Upper

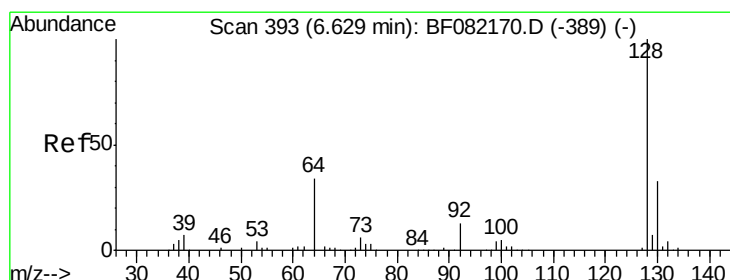
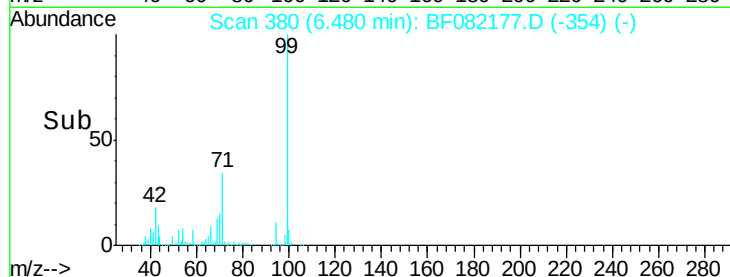
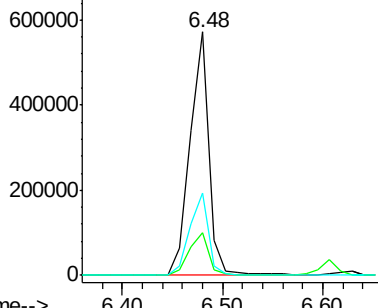
99 100

42 17.7 13.2 19.8

71 33.9 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: 37.44 ng

RT: 6.63 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

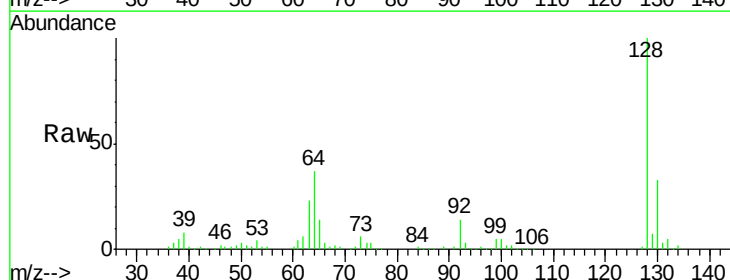
Tgt Ion: 128 Resp: 222504

Ion Ratio Lower Upper

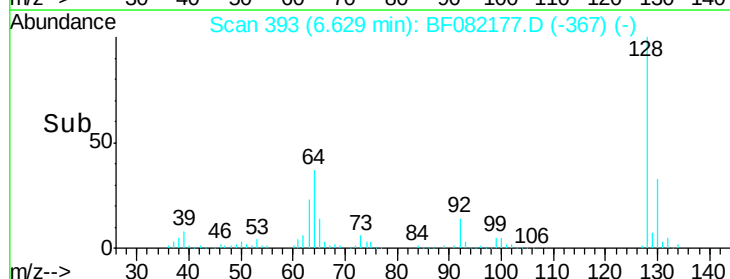
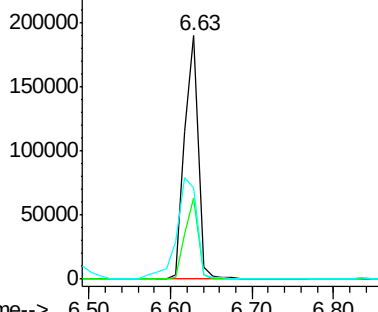
128 100

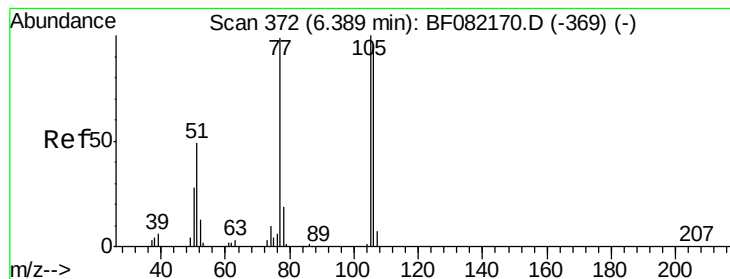
130 33.2 12.6 52.6

64 37.5 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: 33.28 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

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PB86038BS

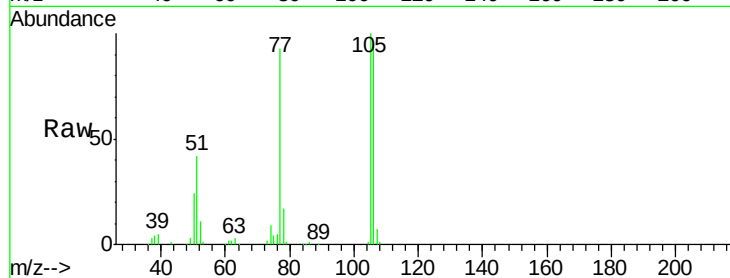
Tgt Ion: 77 Resp: 107654

Ion Ratio Lower Upper

77 100

105 107.9 80.6 120.6

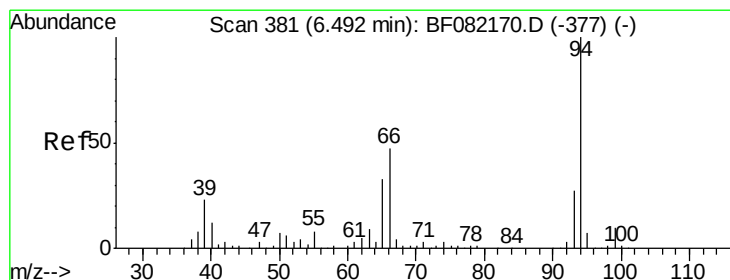
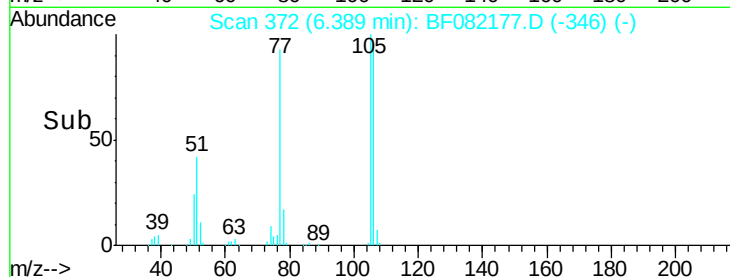
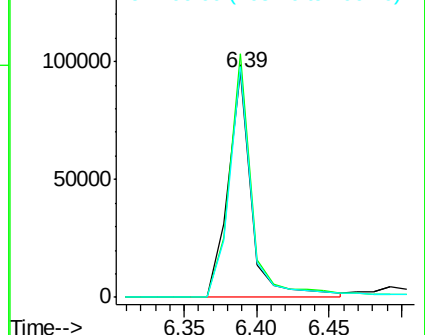
106 102.5 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.65 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

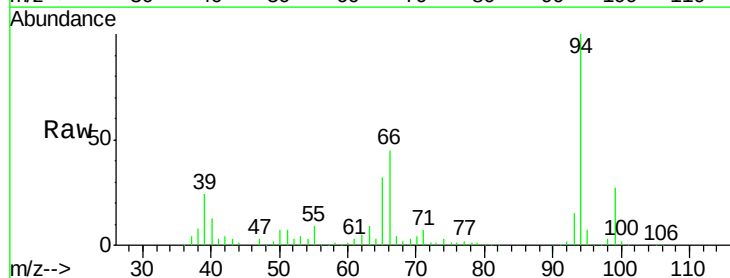
Tgt Ion: 94 Resp: 289592

Ion Ratio Lower Upper

94 100

65 32.4 12.6 52.6

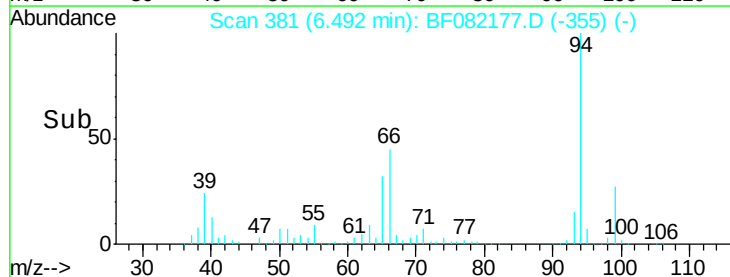
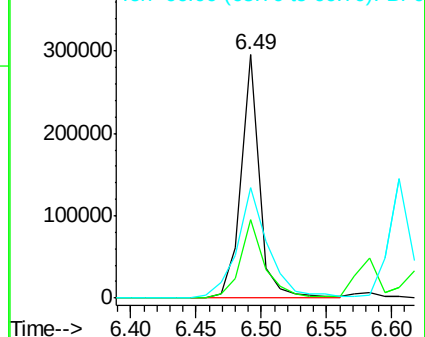
66 45.5 27.3 67.3

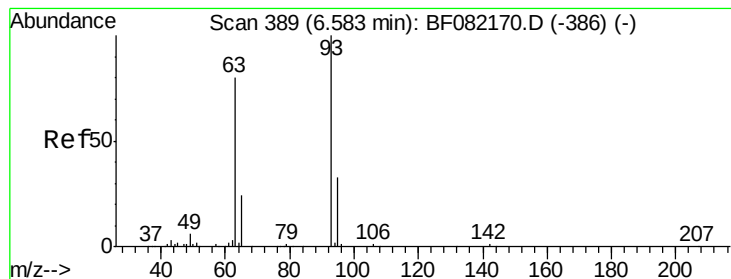


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.09 ng

RT: 6.58 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

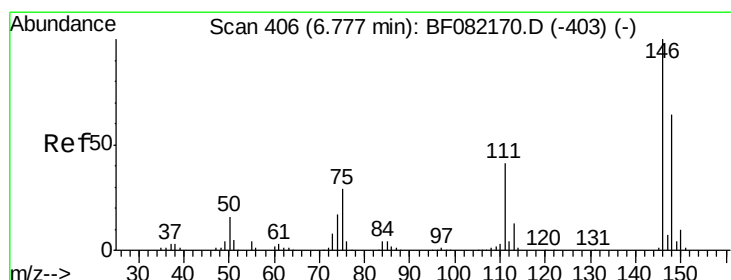
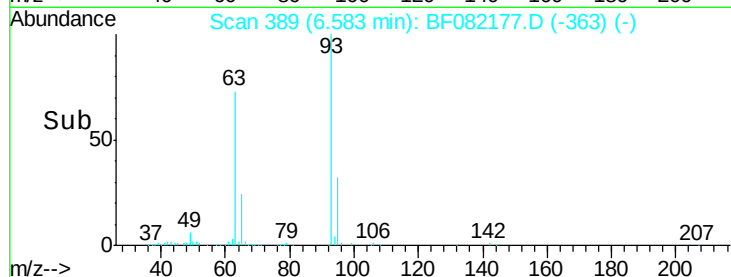
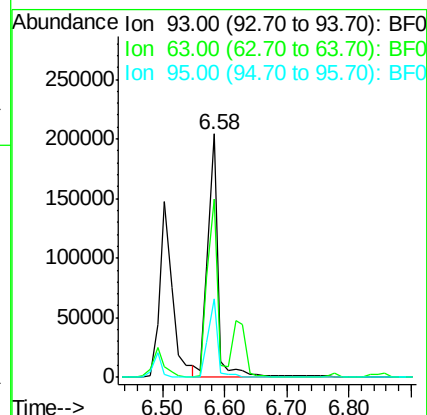
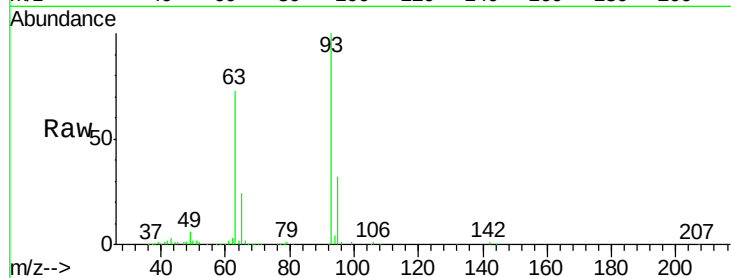
Tgt Ion: 93 Resp: 235260

Ion Ratio Lower Upper

93 100

63 73.5 57.1 97.1

95 32.3 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 37.52 ng

RT: 6.78 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

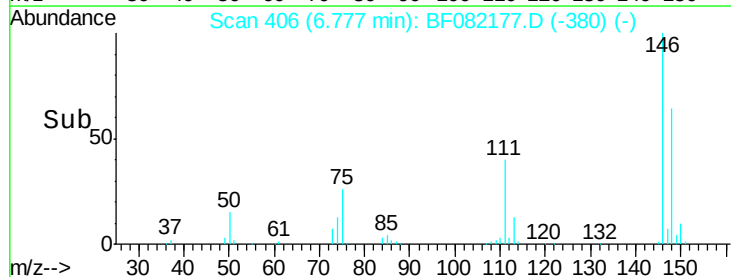
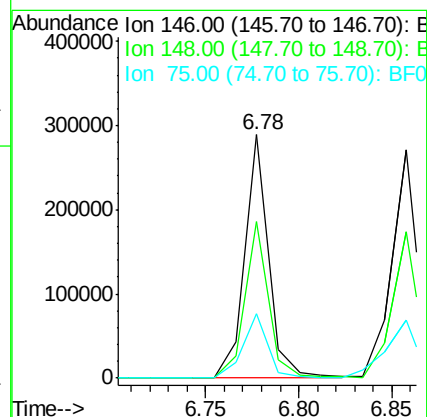
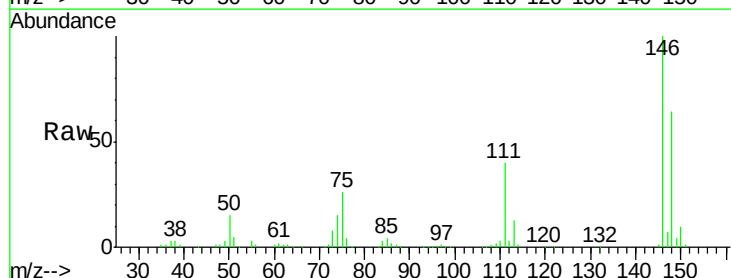
Tgt Ion: 146 Resp: 259677

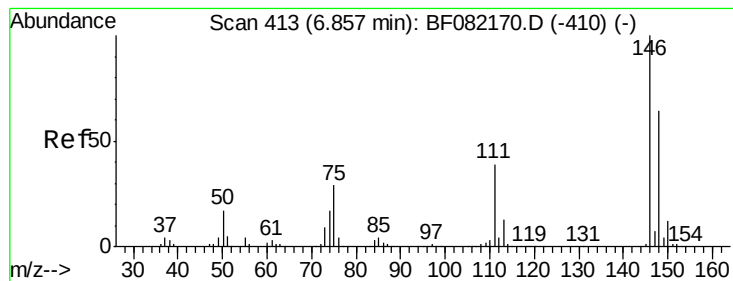
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

75 26.3 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 36.90 ng

RT: 6.86 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

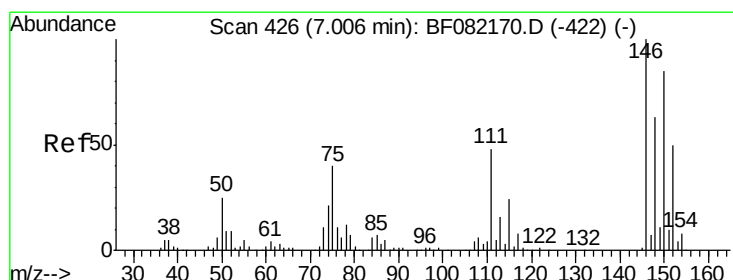
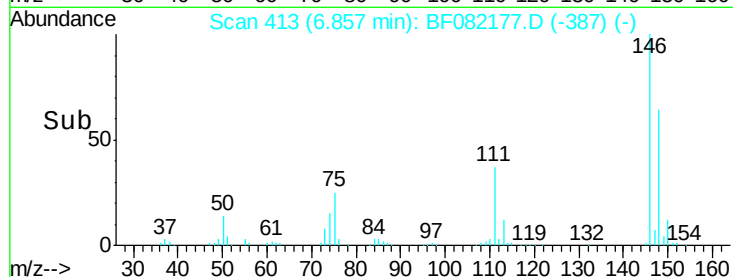
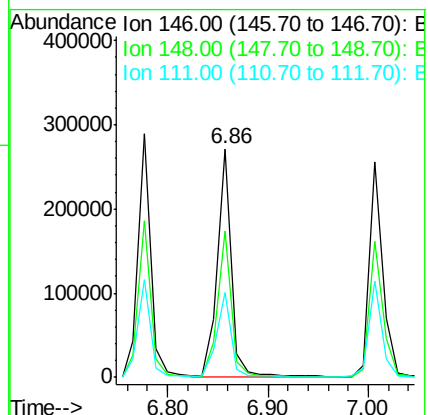
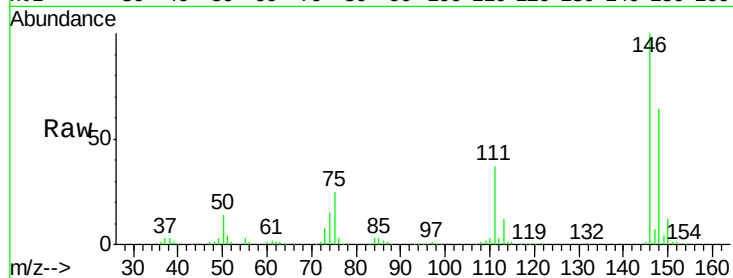
Tgt Ion:146 Resp: 266714

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

111 37.0 31.1 46.7



#14

1,2-Dichlorobenzene

Concen: 35.79 ng

RT: 7.01 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

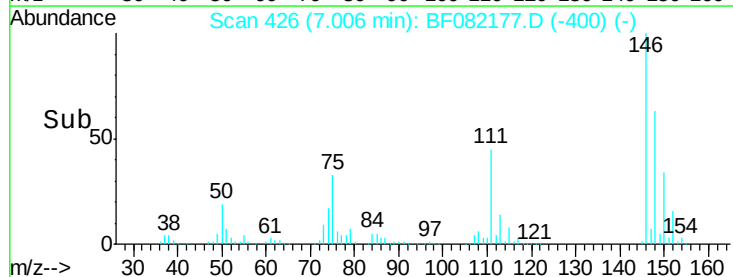
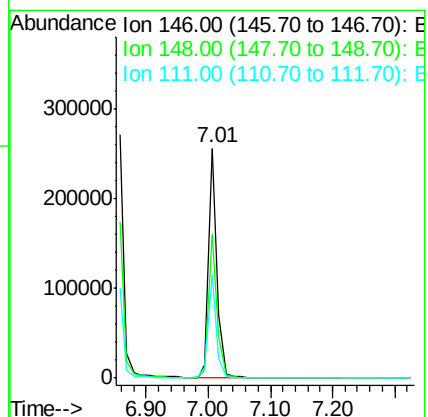
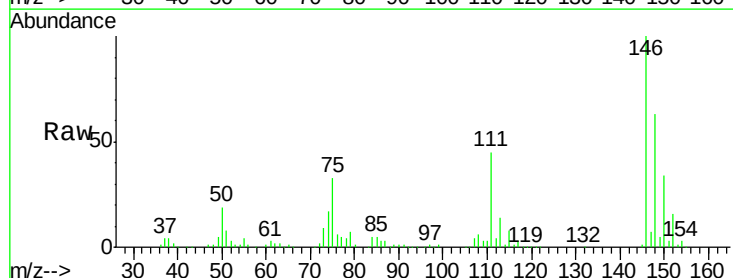
Tgt Ion:146 Resp: 245643

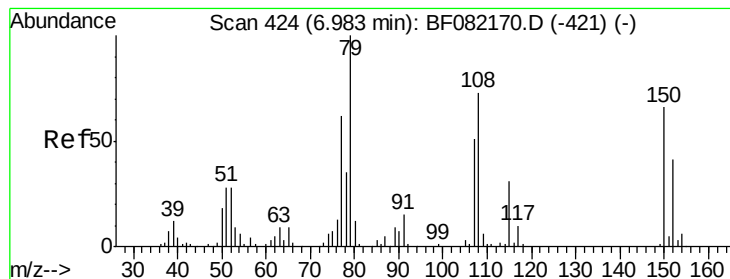
Ion Ratio Lower Upper

146 100

148 62.8 50.5 75.7

111 44.8 38.5 57.7





#15

Benzyl Alcohol

Concen: 38.90 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

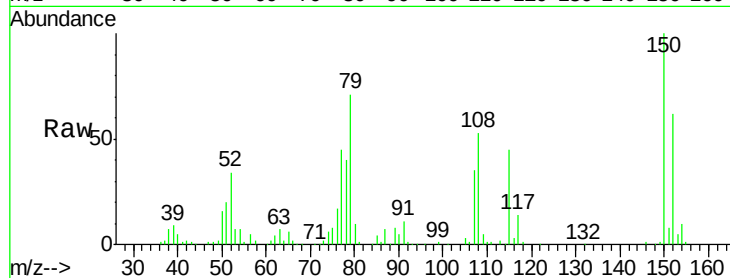
Tgt Ion: 79 Resp: 170099

Ion Ratio Lower Upper

79 100

108 75.1 58.4 87.6

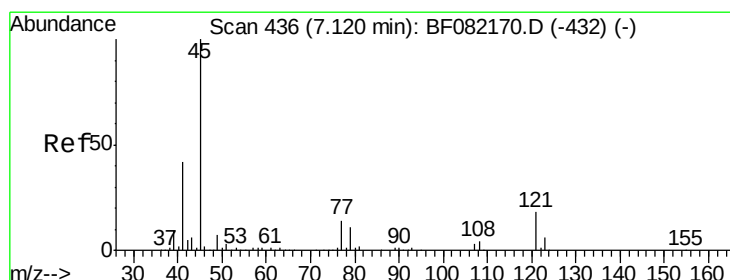
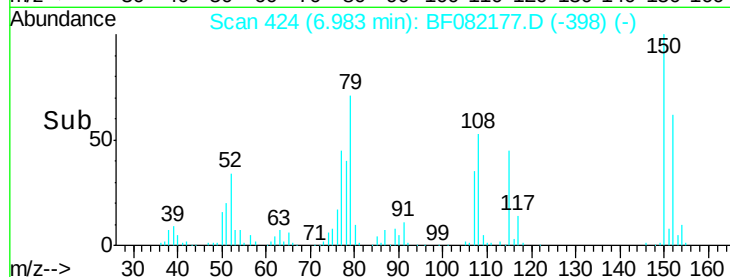
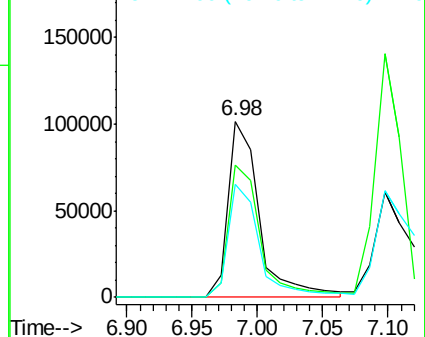
77 63.9 49.8 74.6



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: 36.54 ng

RT: 7.12 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

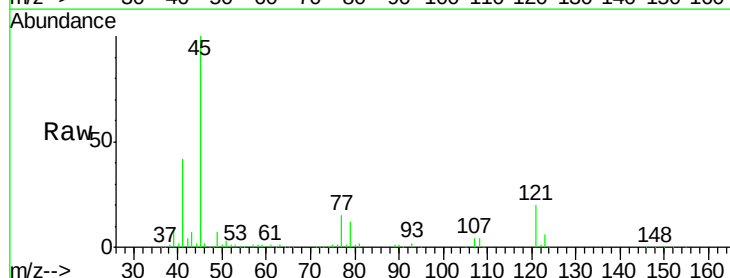
Tgt Ion: 45 Resp: 314251

Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.5

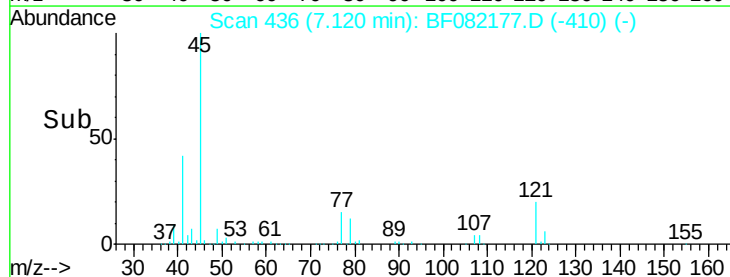
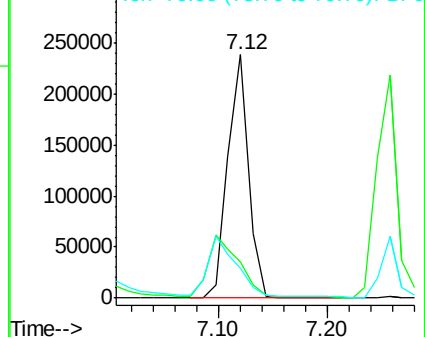
79 12.1 0.0 31.6

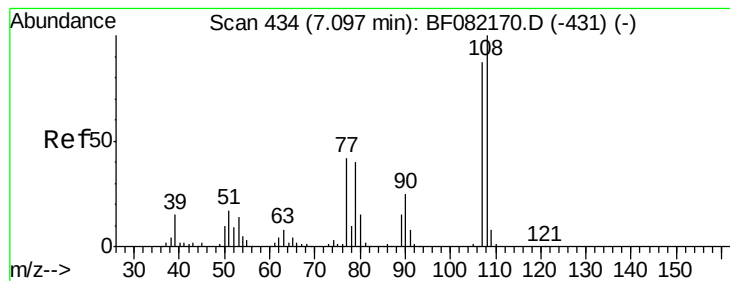


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.75 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

Tgt Ion:107 Resp: 177376

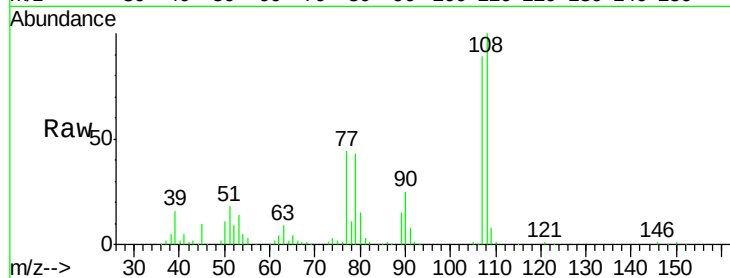
Ion Ratio Lower Upper

107 100

108 112.7 92.2 138.2

77 49.1 39.6 59.4

79 48.8 38.2 57.4

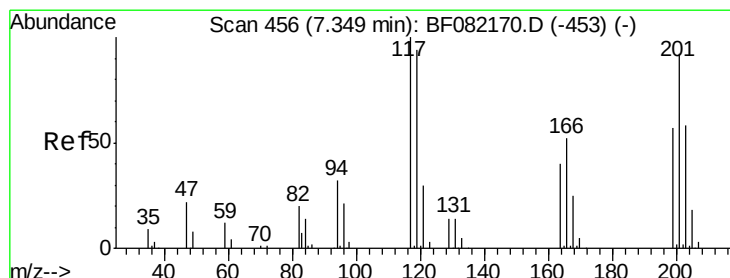
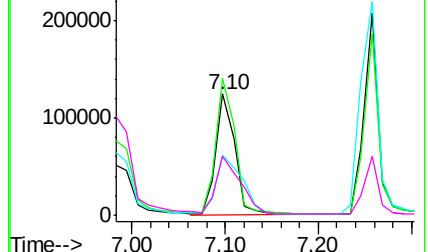
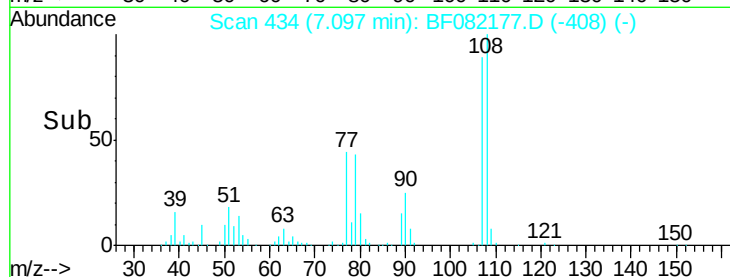


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.44 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

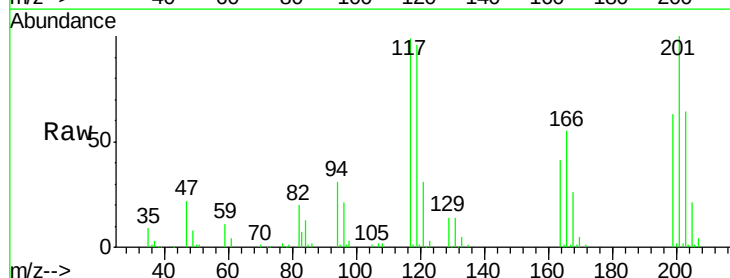
Tgt Ion:117 Resp: 90151

Ion Ratio Lower Upper

117 100

119 96.8 75.4 113.2

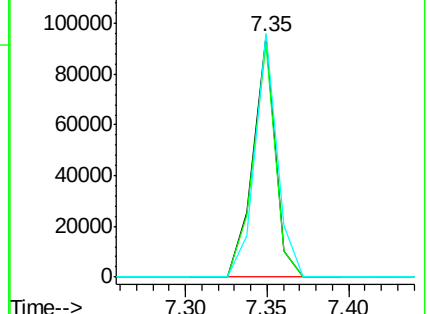
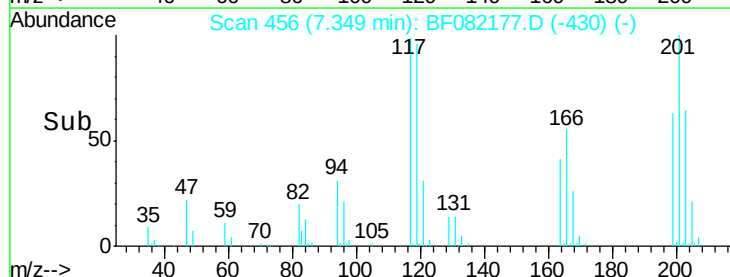
201 101.1 73.4 110.0

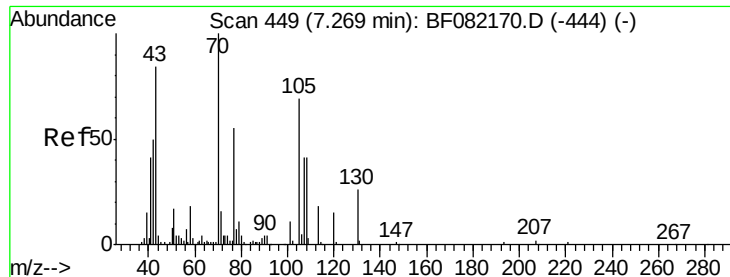


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

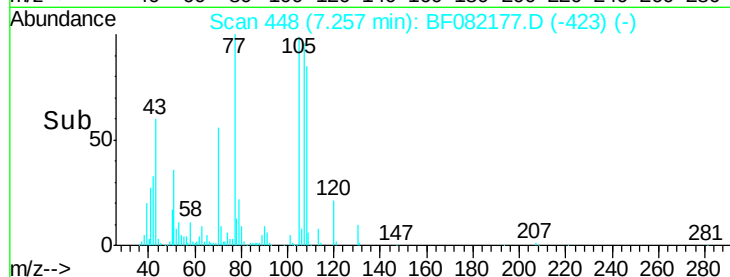
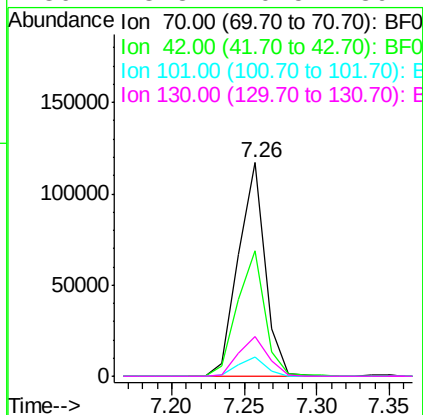
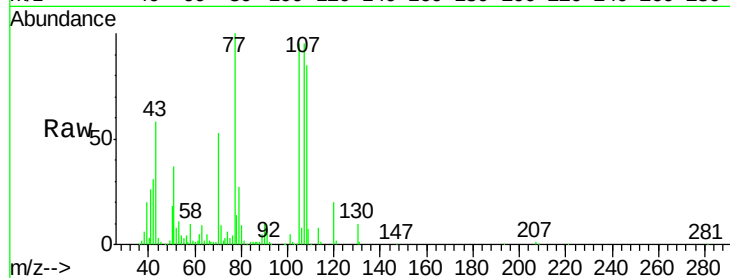




#19
n-Nitroso-di-n-propylamine
Concen: 33.86 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

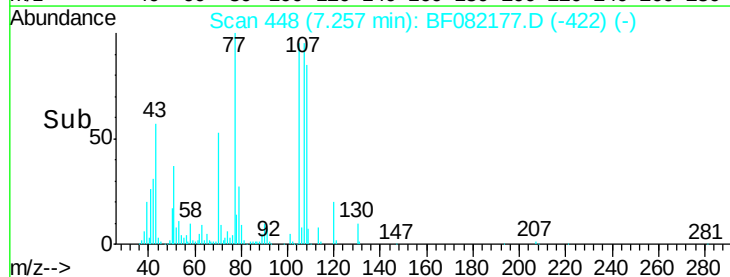
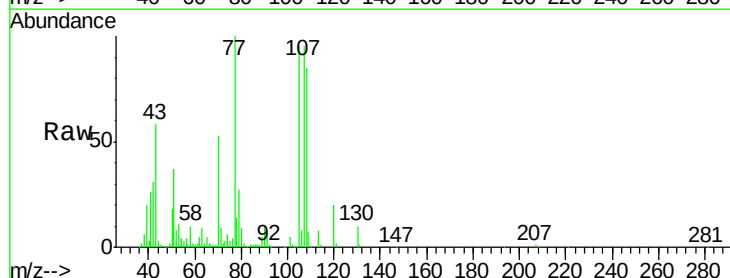
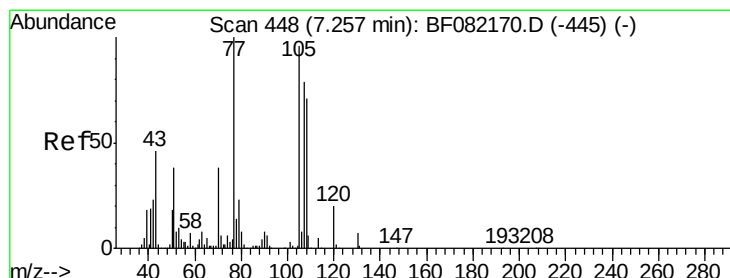
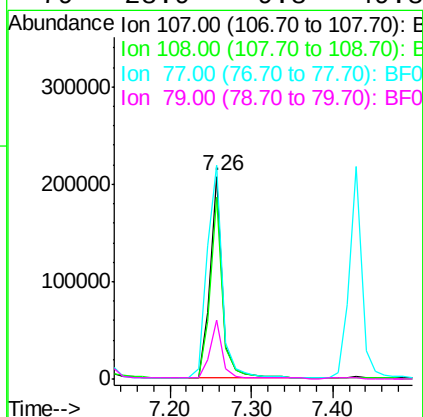
Instrument :
BNA_F
ClientSampleId :
PB86038BS

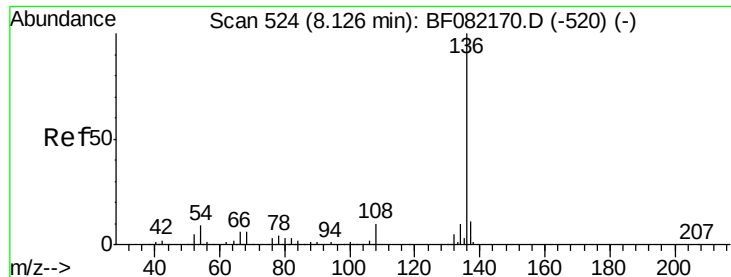
Tgt Ion: 70 Resp: 150636
Ion Ratio Lower Upper
70 100
42 58.9 39.8 59.8
101 9.1 8.6 13.0
130 18.8 20.5 30.7#



#20
3+4-Methylphenols
Concen: 40.66 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion:107 Resp: 227668
Ion Ratio Lower Upper
107 100
108 89.9 69.9 109.9
77 105.3 106.0 146.0#
79 28.9 9.8 49.8

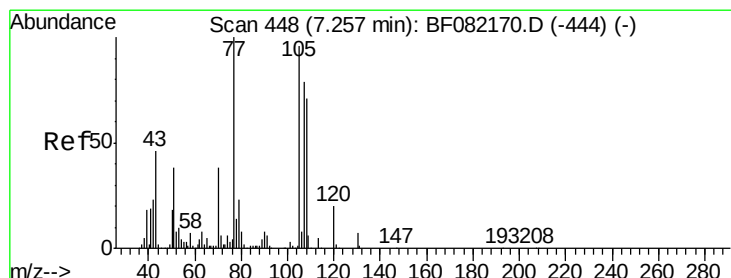
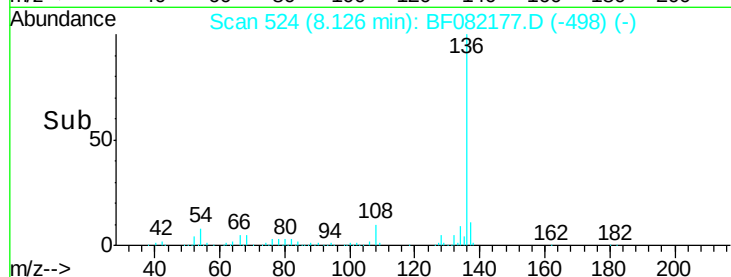
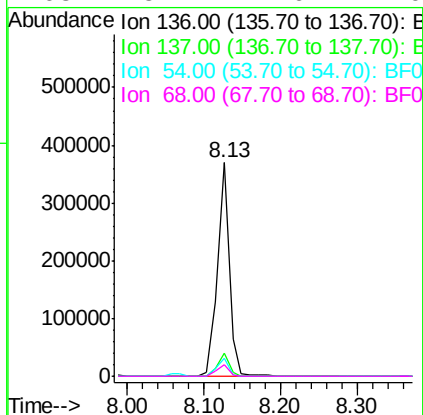
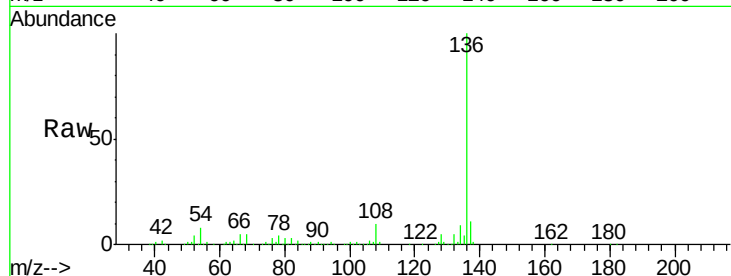




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

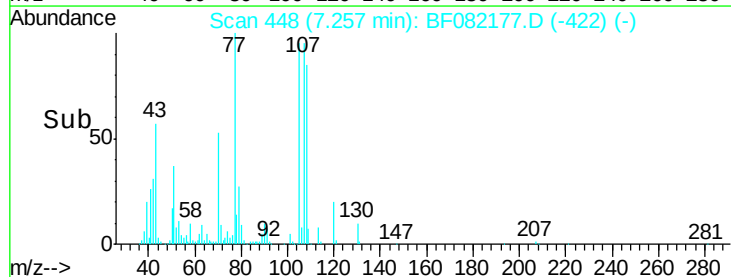
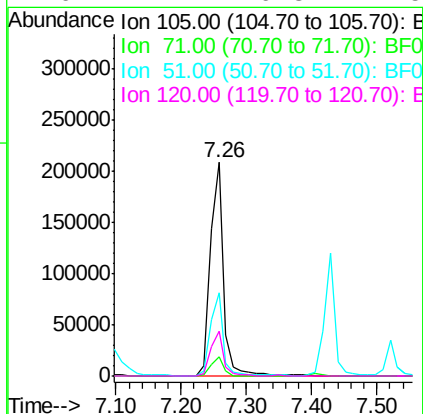
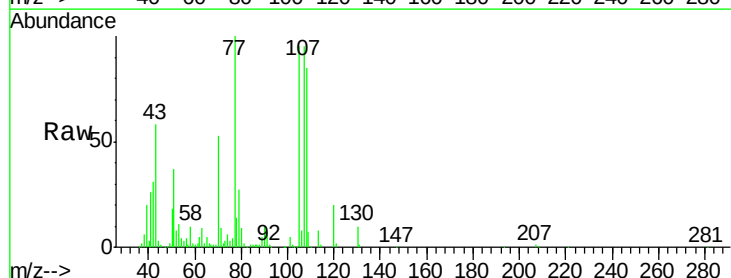
Instrument :
BNA_F
ClientSampled :
PB86038BS

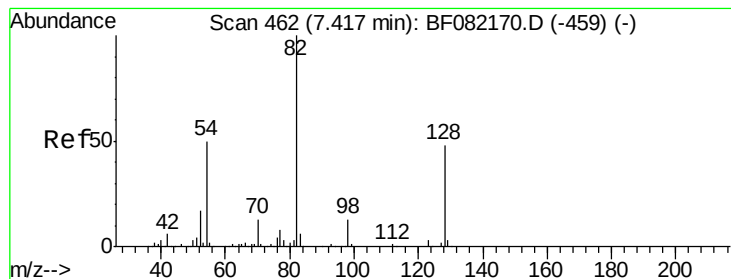
Tgt Ion:	136	Resp:	397462
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	8.3	7.5	11.3
68	5.4	4.6	7.0



#22
Acetophenone
Concen: 38.18 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion:	105	Resp:	300195
Ion Ratio	Lower	Upper	
105	100		
71	9.2	5.4	8.0#
51	38.7	31.8	47.6
120	21.1	16.3	24.5





#23

Nitrobenzene-d5

Concen: 80.83 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

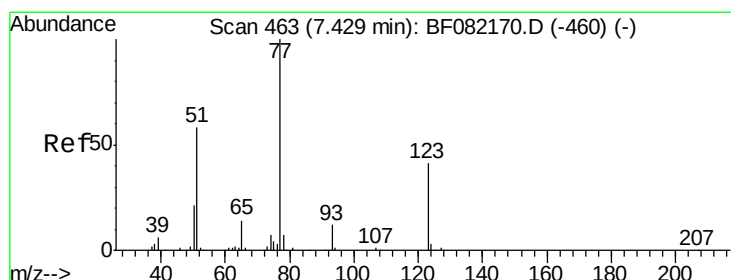
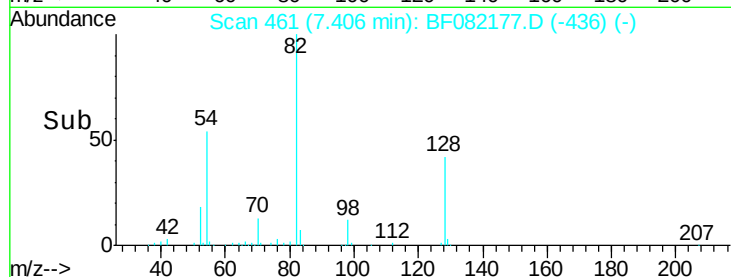
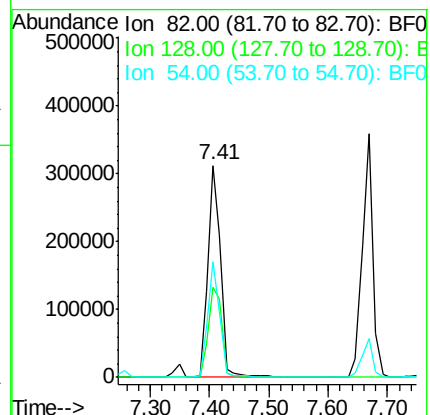
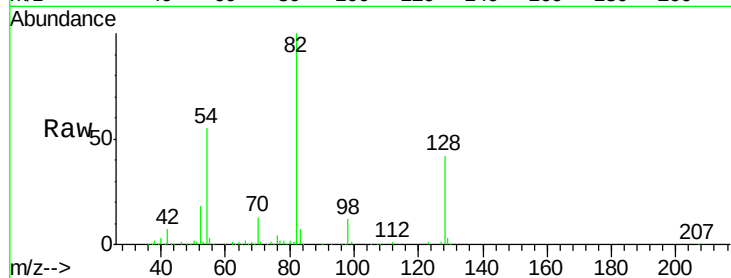
Tgt Ion: 82 Resp: 478407

Ion Ratio Lower Upper

82 100

128 42.5 38.7 58.1

54 54.5 40.1 60.1



#24

Nitrobenzene

Concen: 36.09 ng

RT: 7.43 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

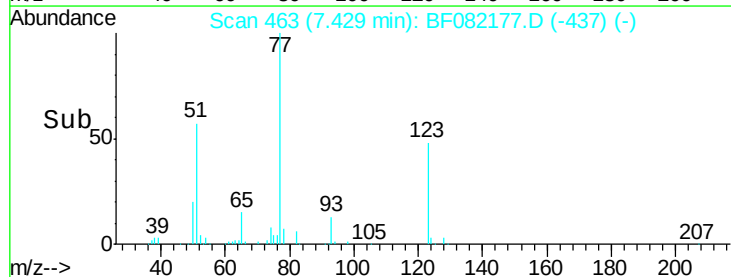
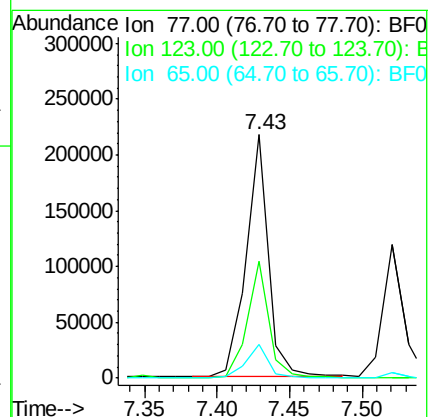
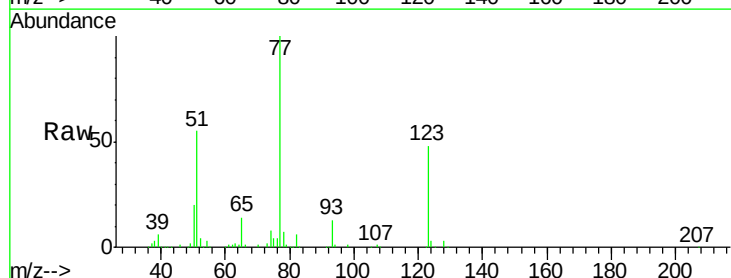
Tgt Ion: 77 Resp: 231235

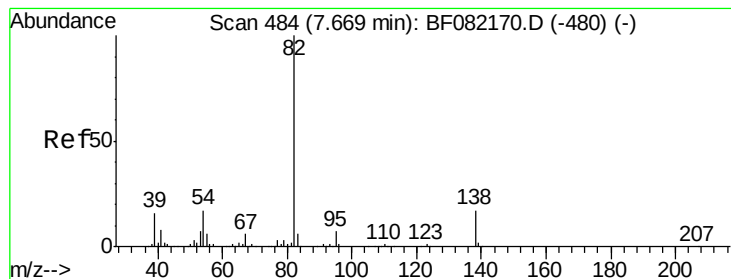
Ion Ratio Lower Upper

77 100

123 47.8 33.0 49.4

65 13.9 11.2 16.8





#25

Isophorone

Concen: 37.27 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

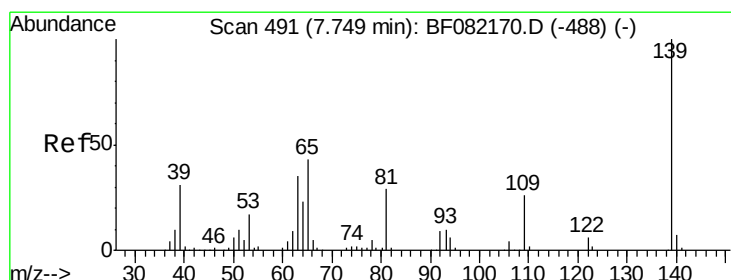
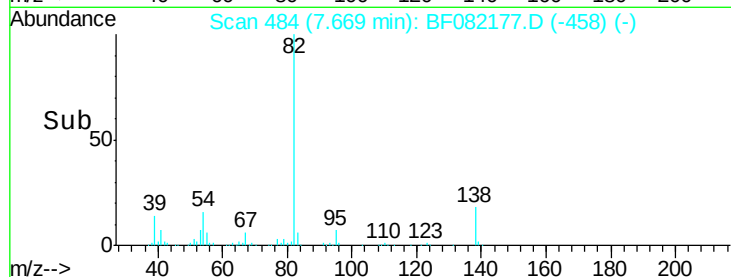
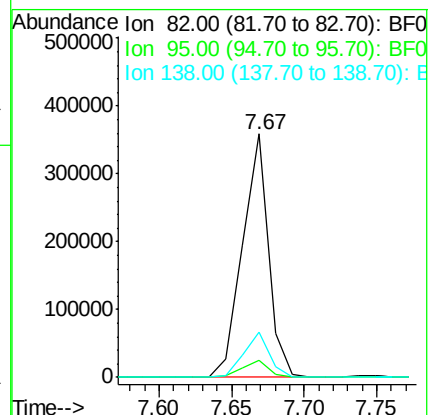
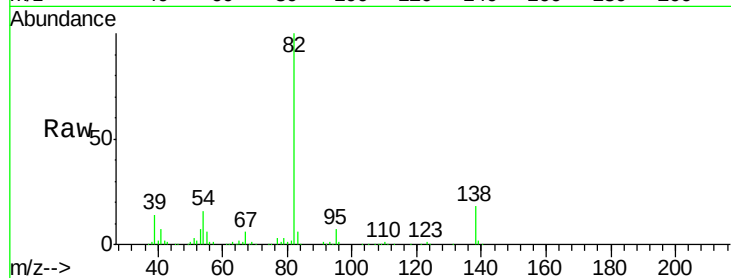
Tgt Ion: 82 Resp: 445182

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 18.5 13.6 20.4



#26

2-Nitrophenol

Concen: 40.40 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

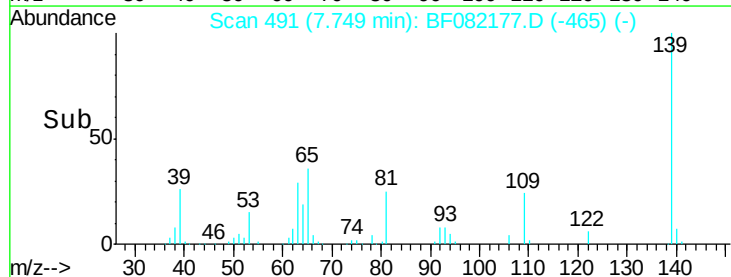
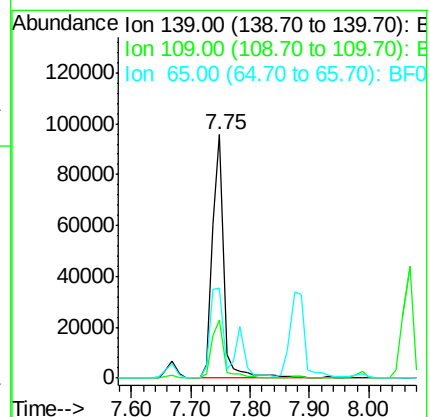
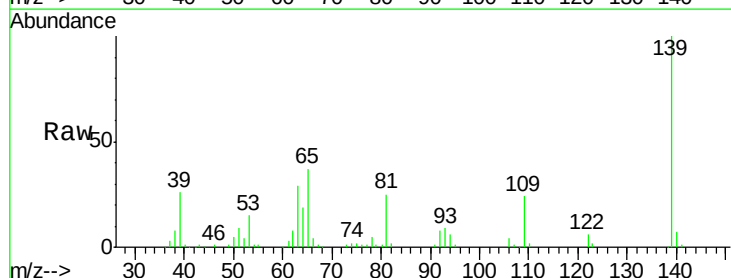
Tgt Ion: 139 Resp: 129230

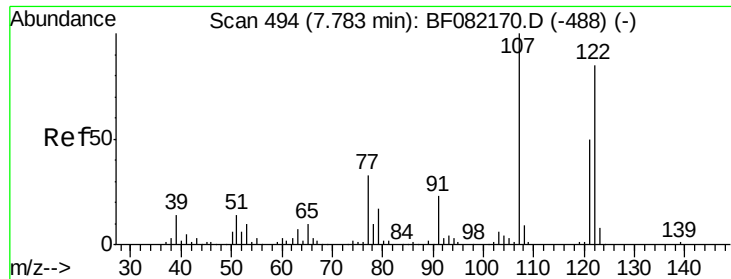
Ion Ratio Lower Upper

139 100

109 23.8 20.6 31.0

65 36.8 34.3 51.5





#27

2,4-Dimethylphenol

Concen: 39.70 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

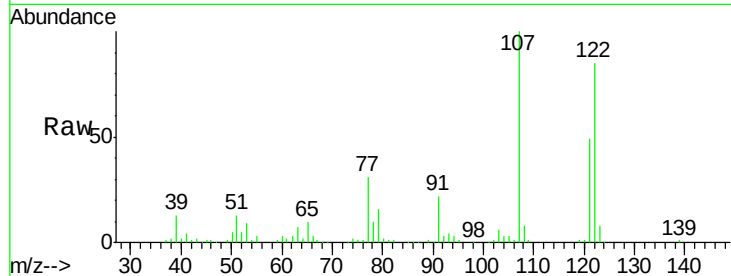
Tgt Ion:122 Resp: 204588

Ion Ratio Lower Upper

122 100

107 117.4 94.0 141.0

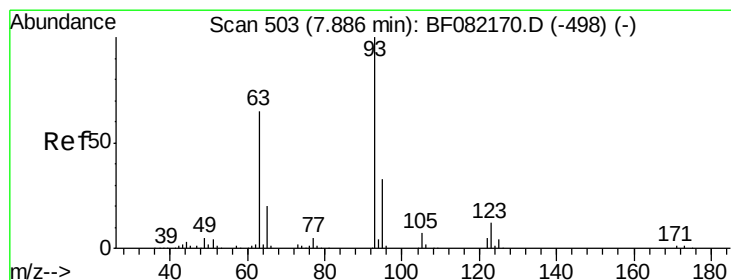
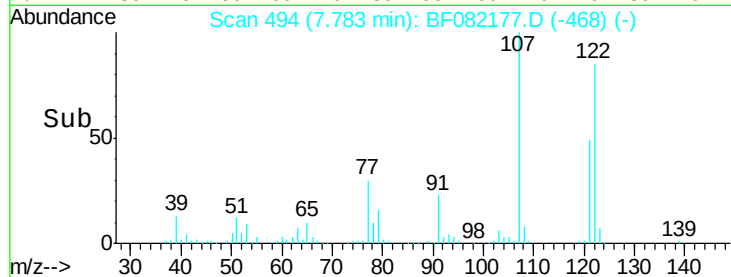
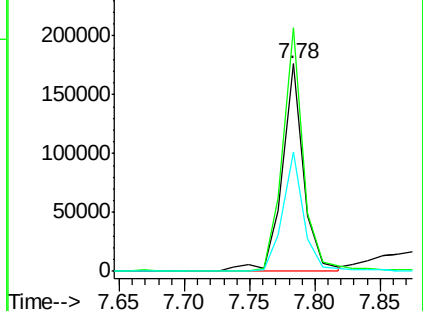
121 57.6 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.19 ng

RT: 7.89 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

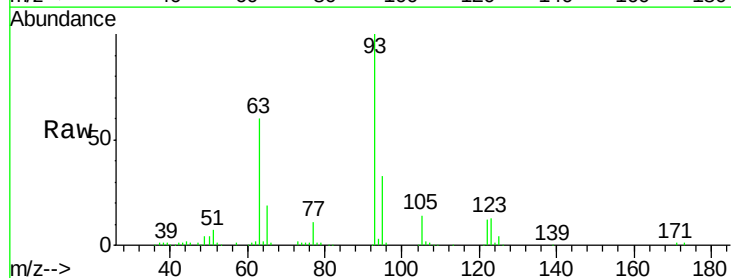
Tgt Ion: 93 Resp: 272408

Ion Ratio Lower Upper

93 100

95 32.7 26.6 39.8

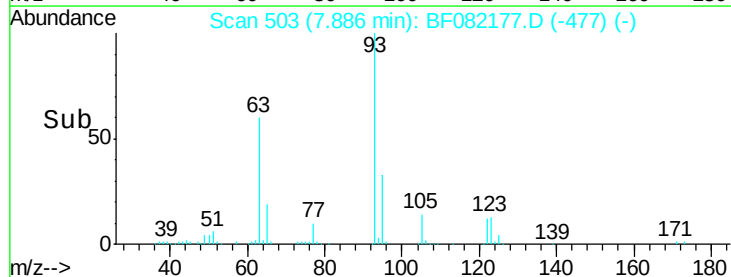
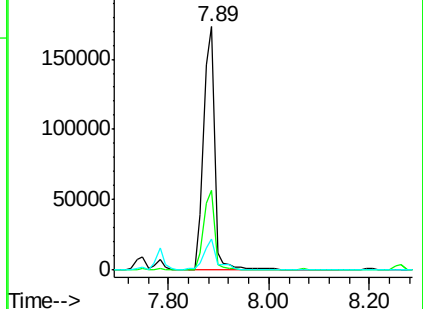
123 12.6 9.5 14.3

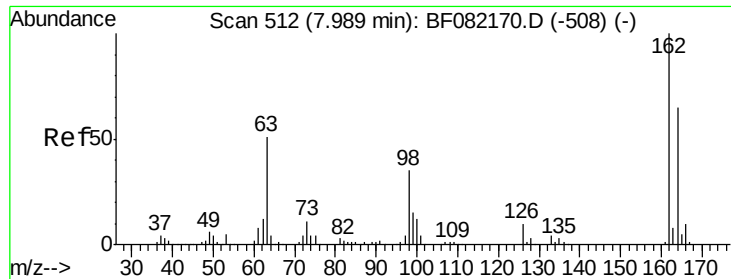


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

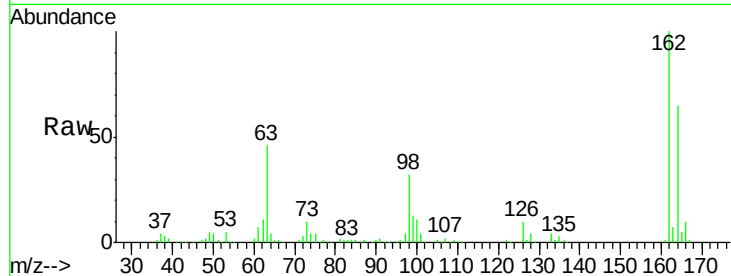




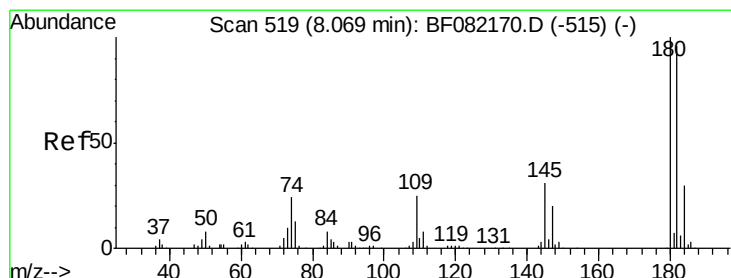
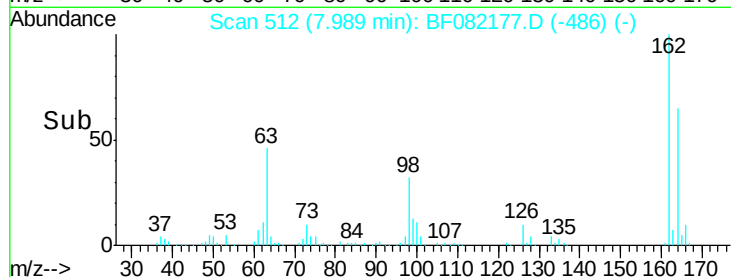
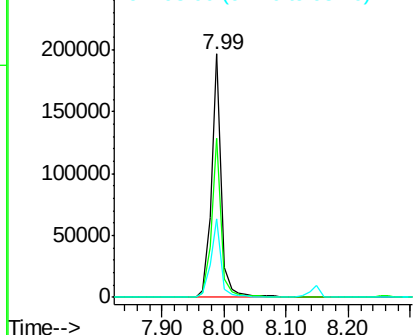
#29
 2,4-Dichlorophenol
 Concen: 41.81 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.6	84.6
98	32.4	15.0	55.0

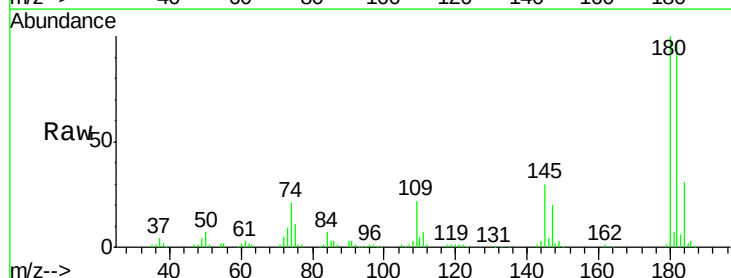


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

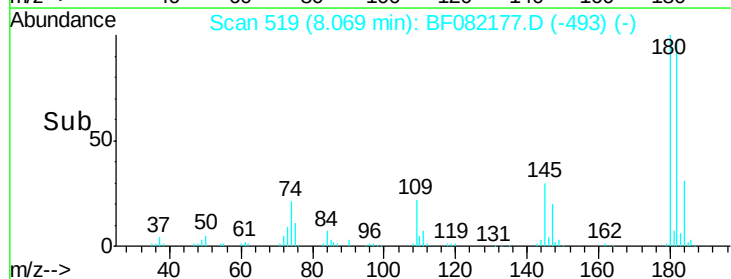
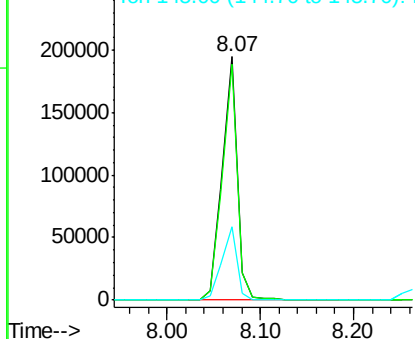


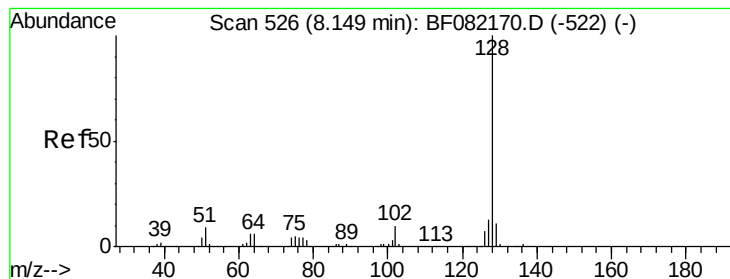
#30
 1,2,4-Trichlorobenzene
 Concen: 36.95 ng
 RT: 8.07 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.0	115.4
145	29.9	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: 39.80 ng

RT: 8.15 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

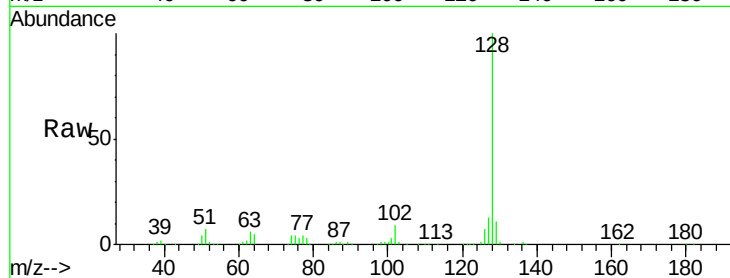
Tgt Ion:128 Resp: 685677

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

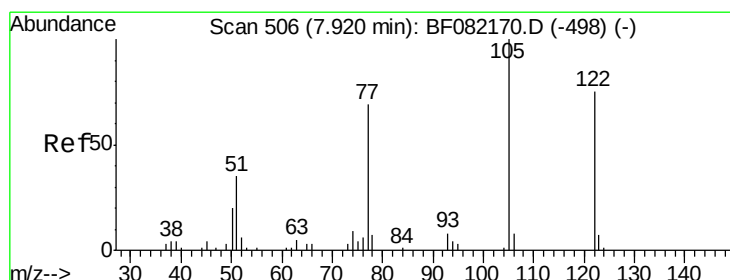
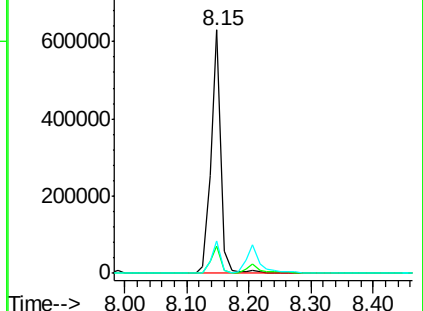
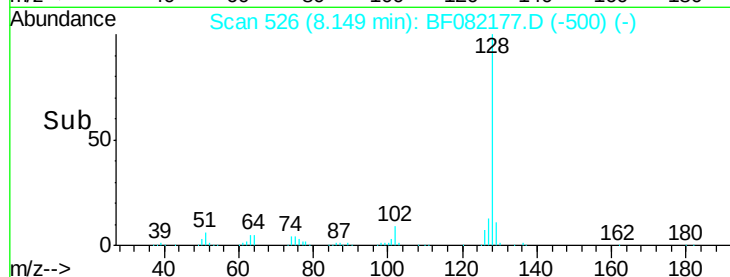
127 13.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.77 ng

RT: 7.92 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

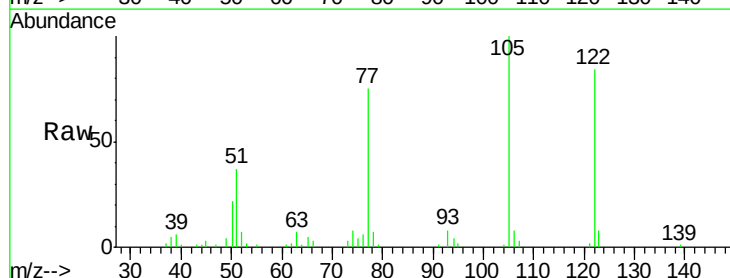
Tgt Ion:122 Resp: 134090

Ion Ratio Lower Upper

122 100

105 119.7 104.4 144.4

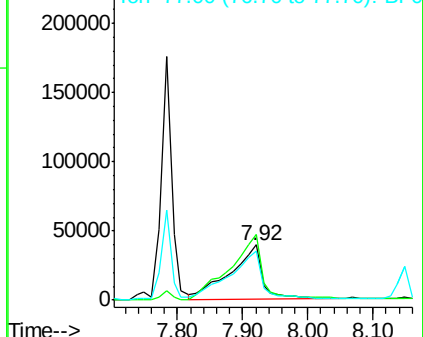
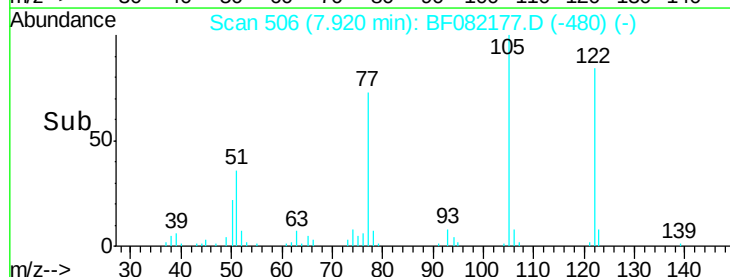
77 90.2 69.0 109.0

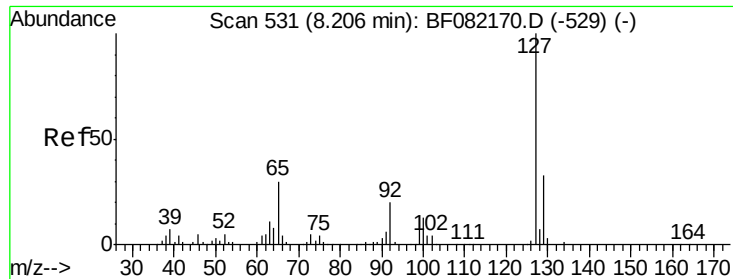


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

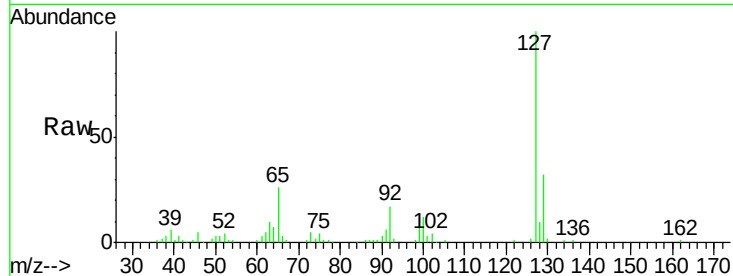




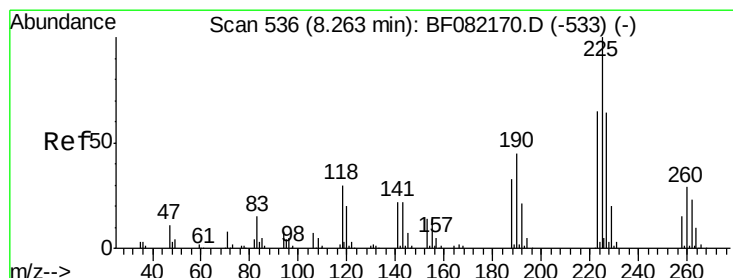
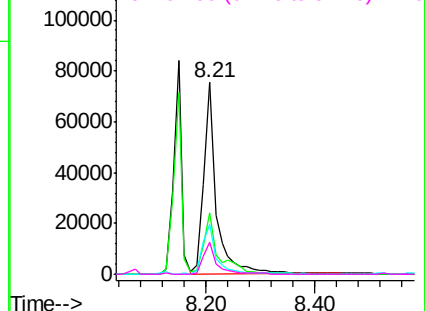
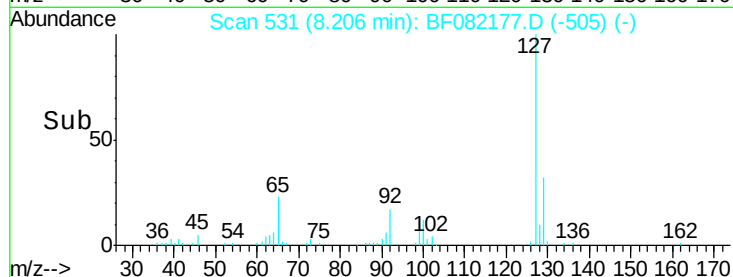
#33
4-Chloroaniline
Concen: 16.78 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion:	127	Resp:	120094
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	25.7	24.4	36.6
92	16.8	15.7	23.5

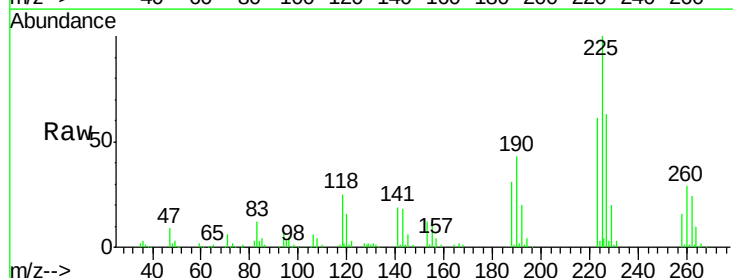


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

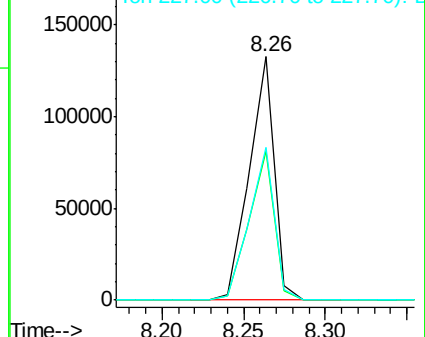
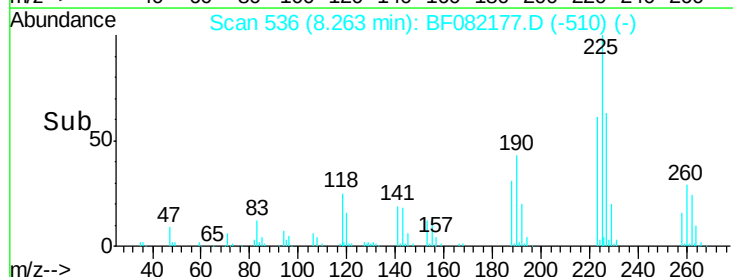


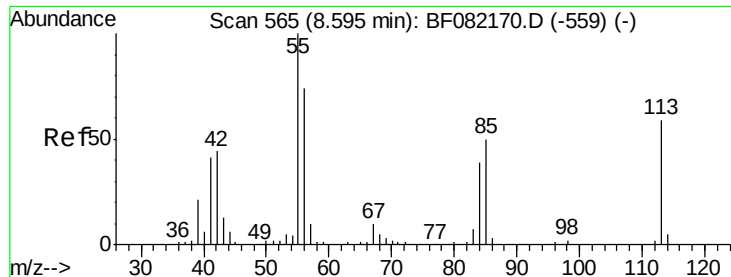
#34
Hexachlorobutadiene
Concen: 38.07 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion:	225	Resp:	140860
Ion	Ratio	Lower	Upper
225	100		
223	61.2	52.2	78.2
227	62.9	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

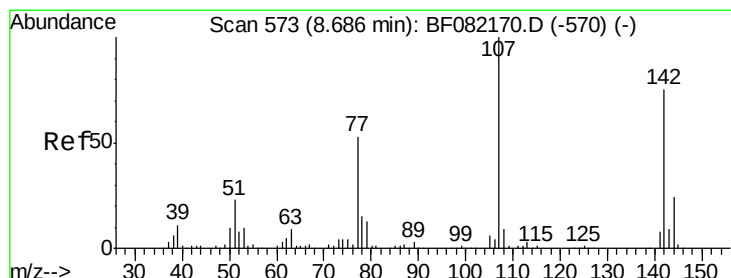
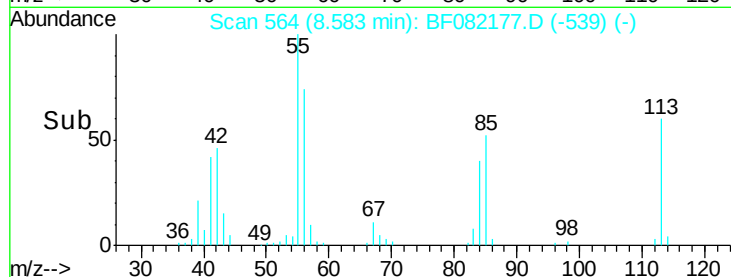
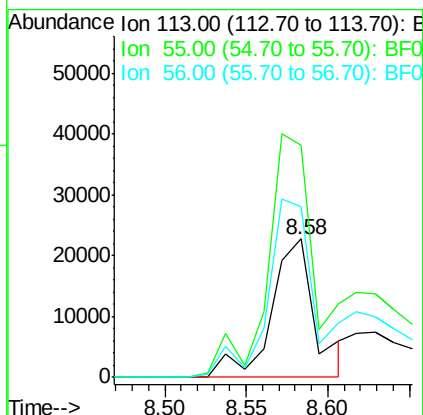
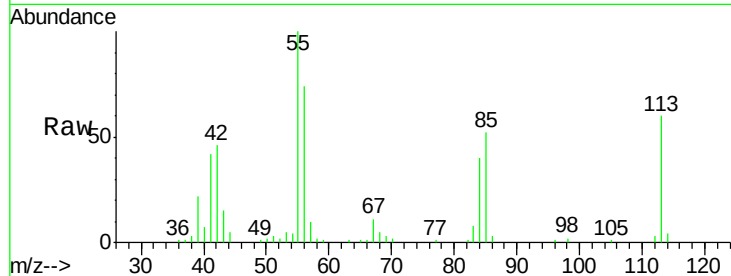




#35
 Caprolactam
 Concen: 28.38 ng
 RT: 8.58 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

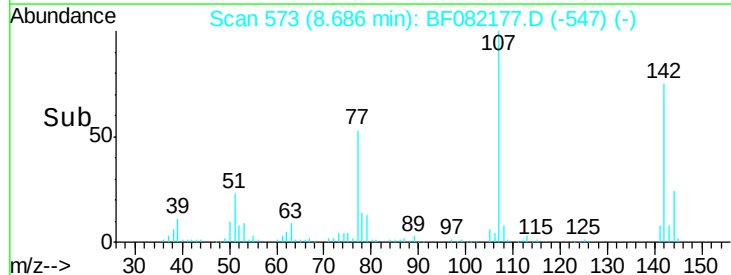
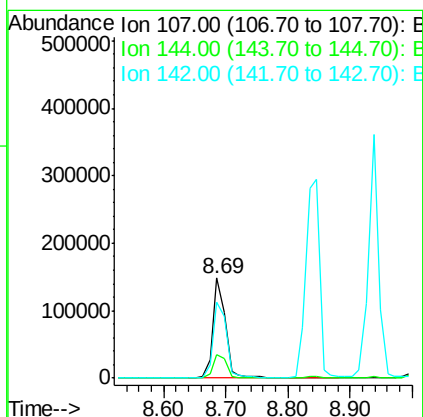
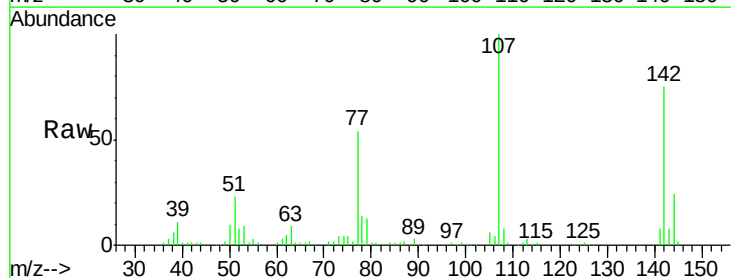
Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

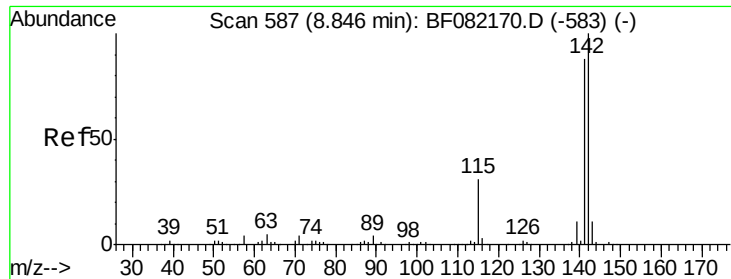
Tgt Ion:113 Resp: 42428
 Ion Ratio Lower Upper
 113 100
 55 167.5 149.7 189.7
 56 123.6 105.4 145.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.59 ng
 RT: 8.69 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion:107 Resp: 209533
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 75.3 59.9 89.9

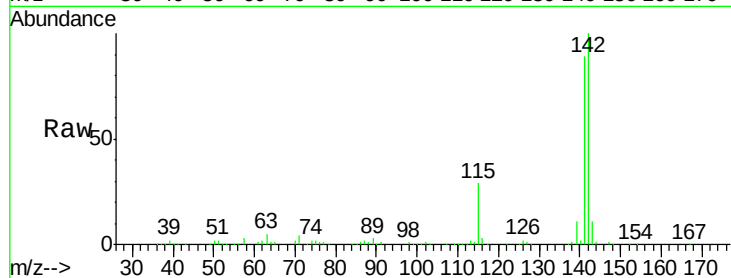




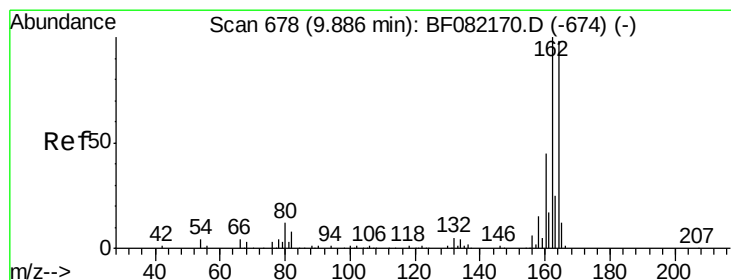
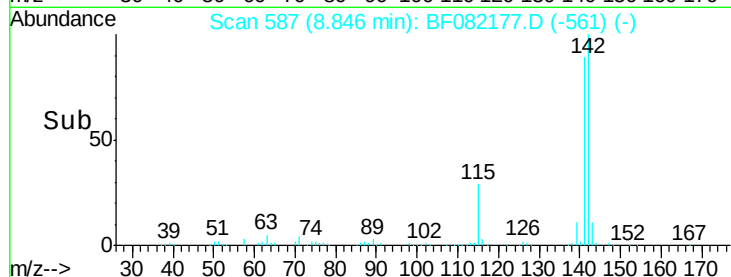
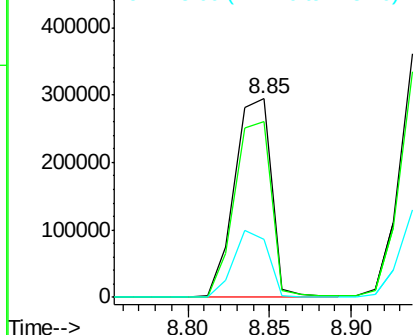
#37
2-Methylnaphthalene
Concen: 38.52 ng
RT: 8.85 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion:142 Resp: 460155
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6
115 29.4 24.6 37.0

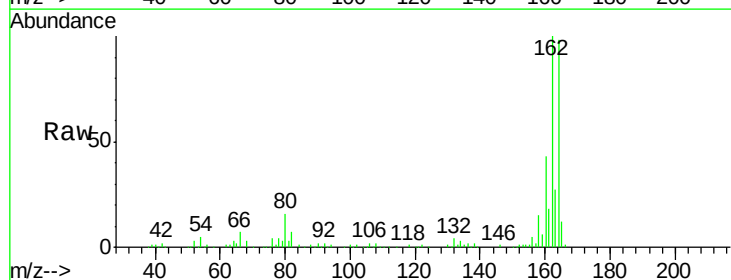


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

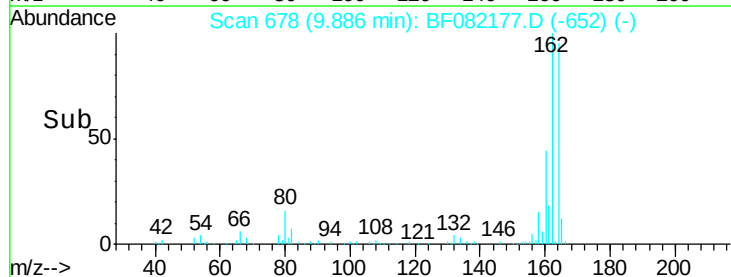
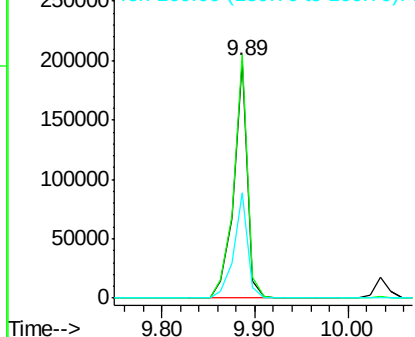


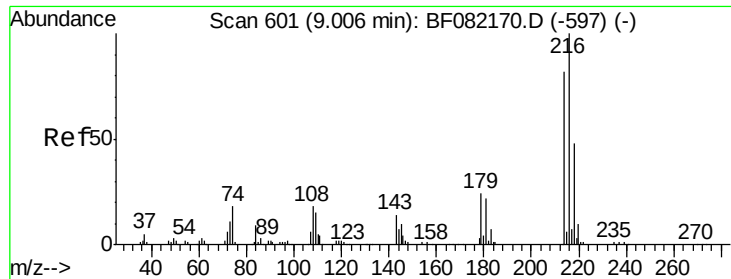
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion:164 Resp: 204986
Ion Ratio Lower Upper
164 100
162 102.5 81.6 122.4
160 44.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.52 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

Tgt Ion:216 Resp: 228742

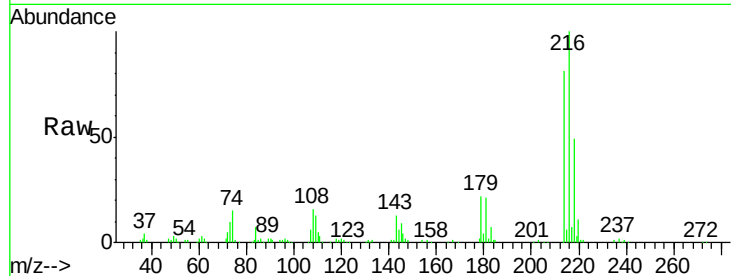
Ion Ratio Lower Upper

216 100

214 80.4 64.6 97.0

179 21.7 17.6 26.4

108 18.7 14.5 21.7

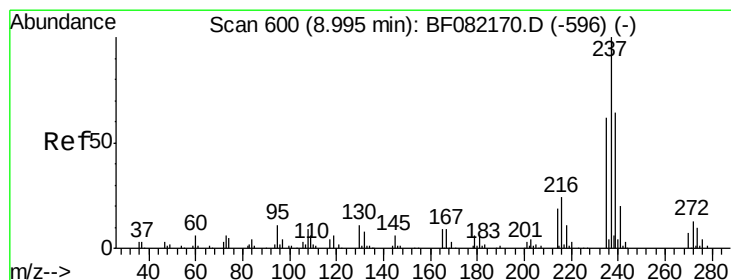
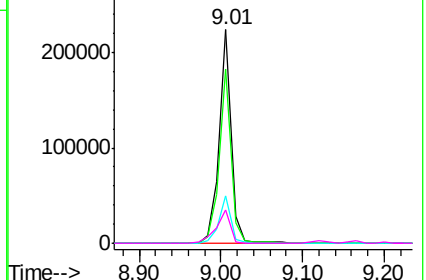
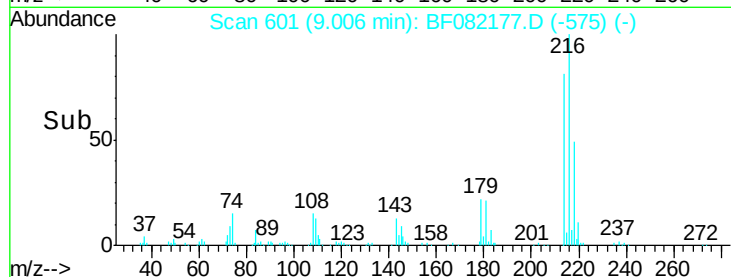


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.92 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

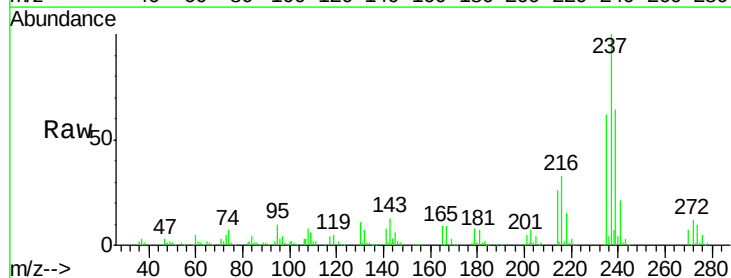
Tgt Ion:237 Resp: 246548

Ion Ratio Lower Upper

237 100

235 62.4 41.7 81.7

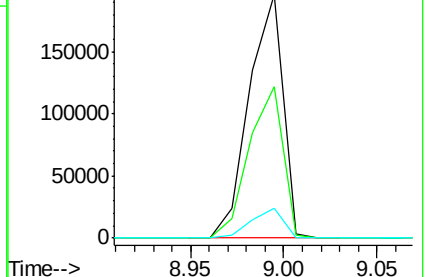
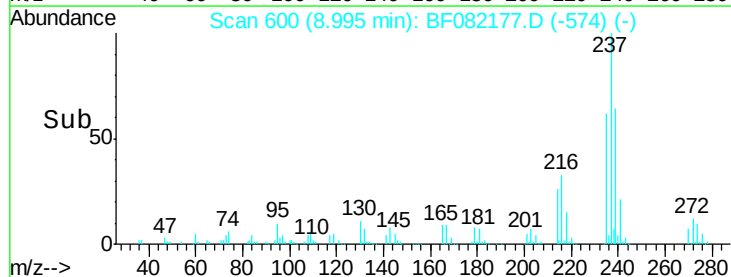
272 12.4 0.0 32.8

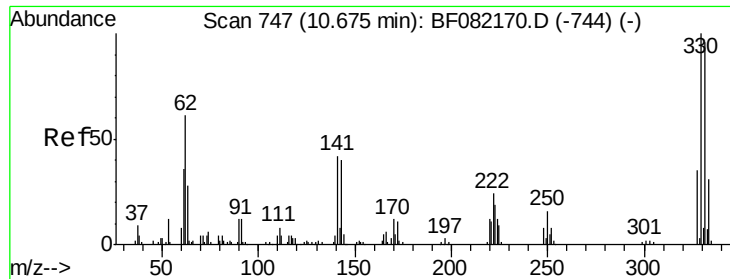


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

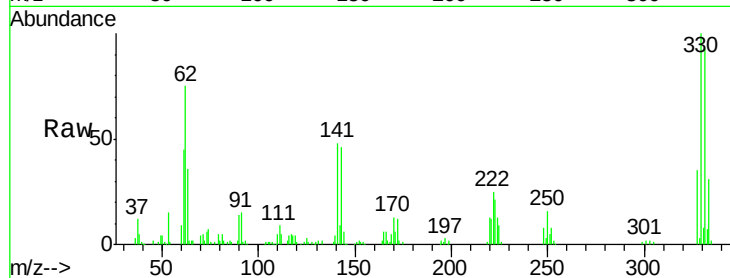




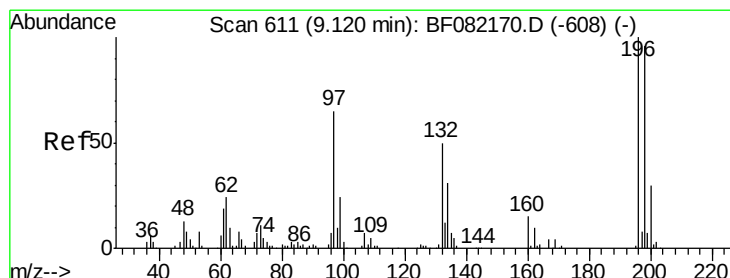
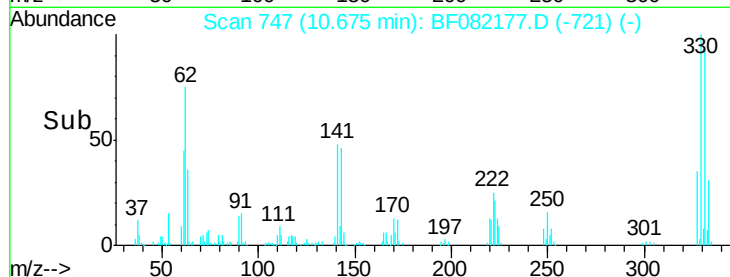
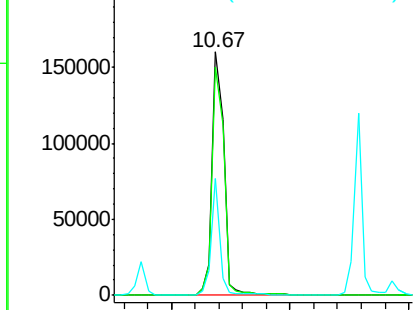
#41
 2,4,6-Tribromophenol
 Concen: 115.14 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion:330 Resp: 221346
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 34.8 29.8 44.8

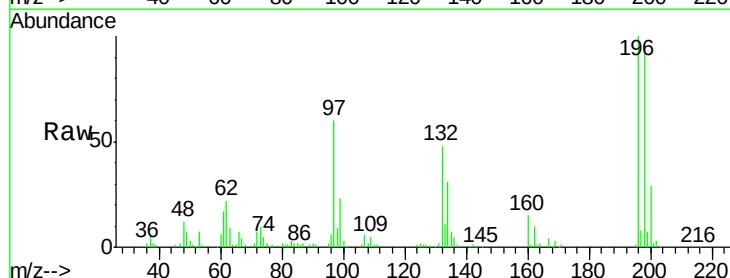


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

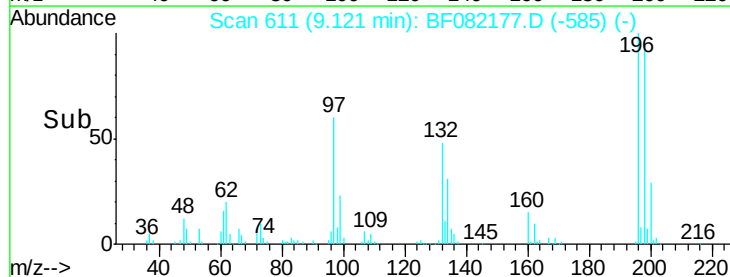
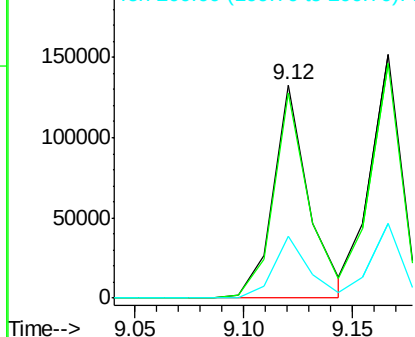


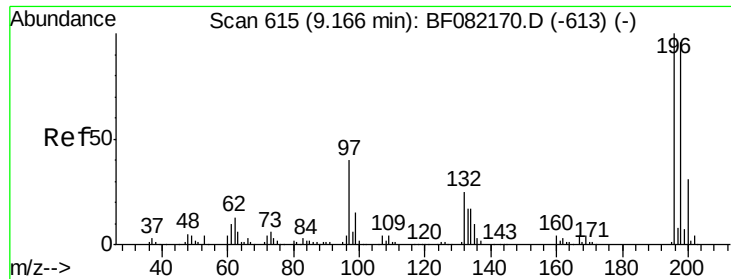
#42
 2,4,6-Trichlorophenol
 Concen: 37.53 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion:196 Resp: 151998
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 115.0
 200 29.2 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

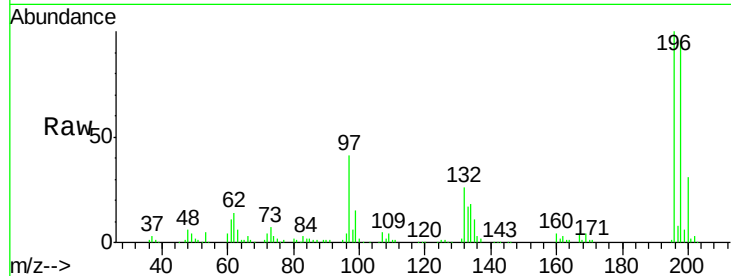




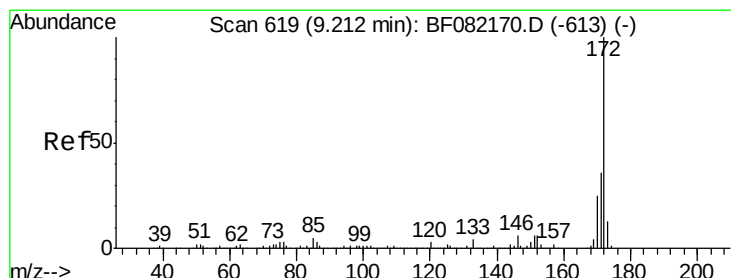
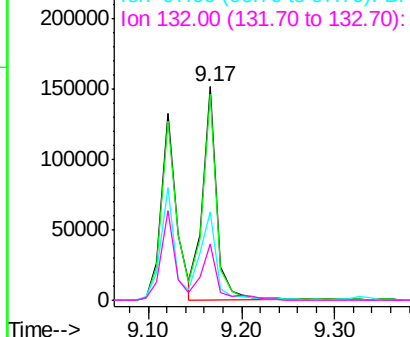
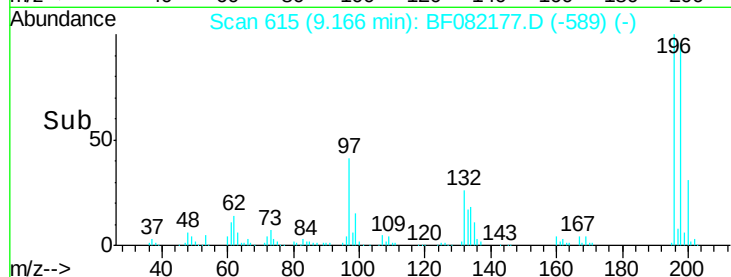
#43
 2,4,5-Trichlorophenol
 Concen: 37.22 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion:196 Resp: 163262
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.0 115.4
 97 41.2 31.9 47.9
 132 26.5 20.3 30.5

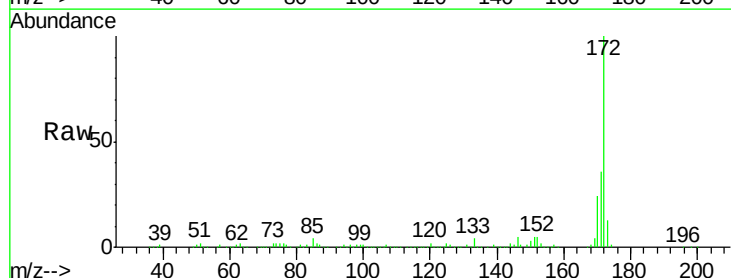


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

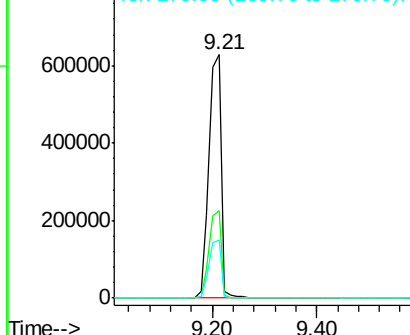
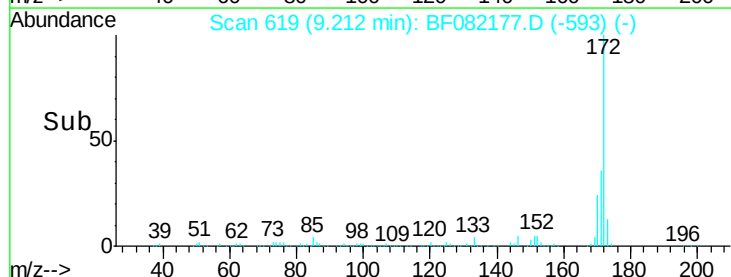


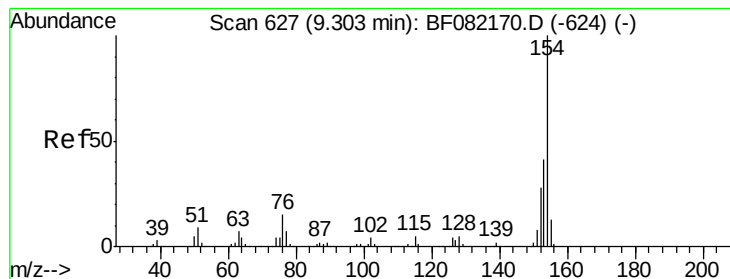
#44
 2-Fluorobiphenyl
 Concen: 83.16 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion:172 Resp: 1027913
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.9 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: 35.22 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

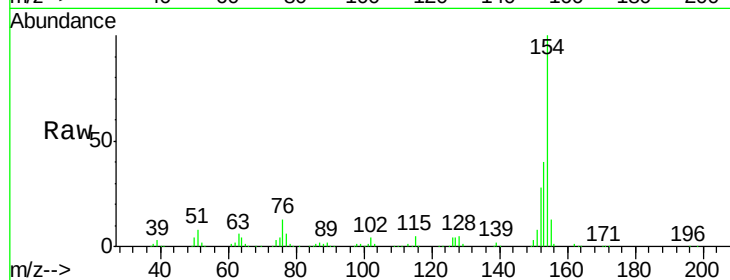
Tgt Ion:154 Resp: 550585

Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

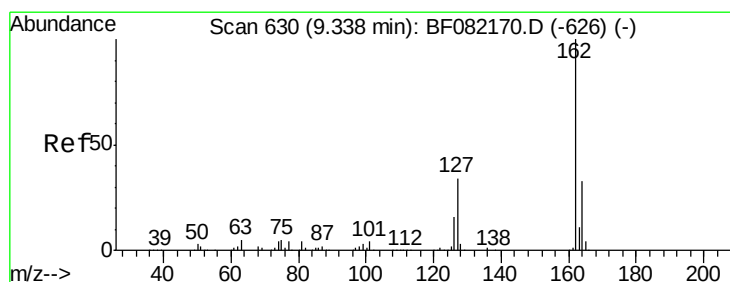
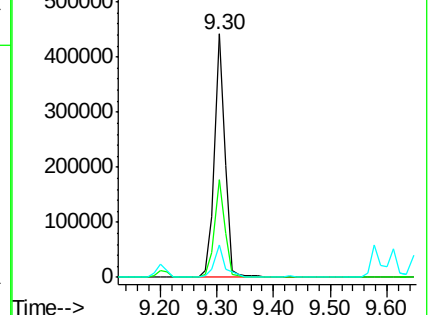
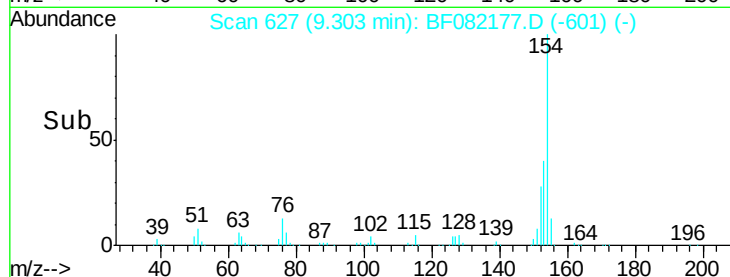
76 13.4 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.46 ng

RT: 9.34 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

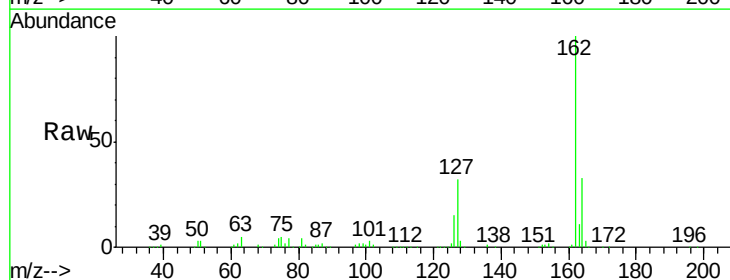
Tgt Ion:162 Resp: 448603

Ion Ratio Lower Upper

162 100

127 32.2 27.5 41.3

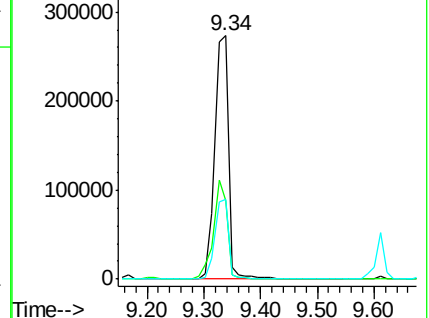
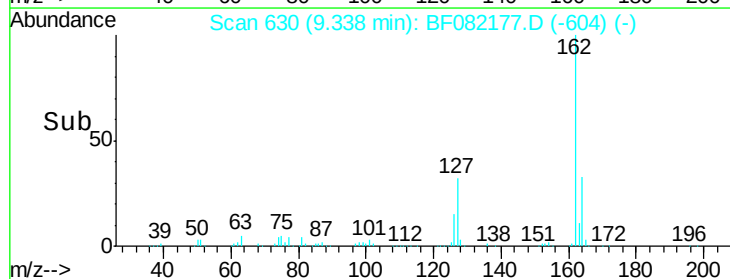
164 33.0 26.6 39.8

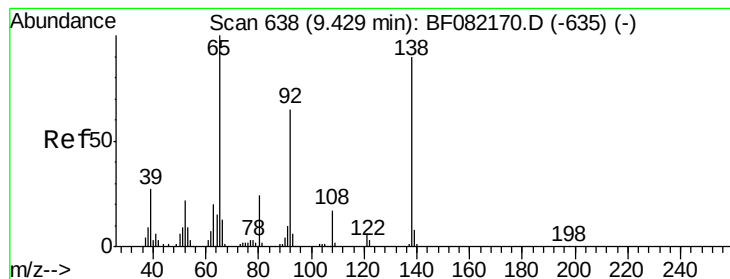


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.97 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

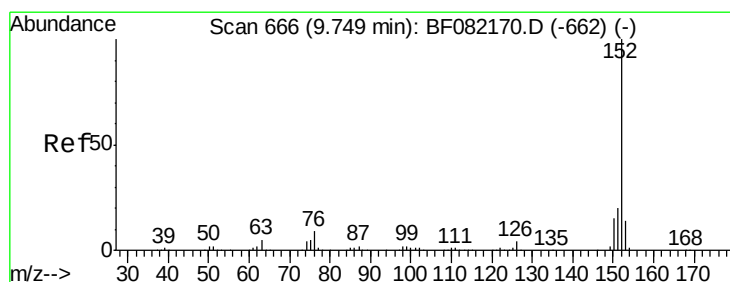
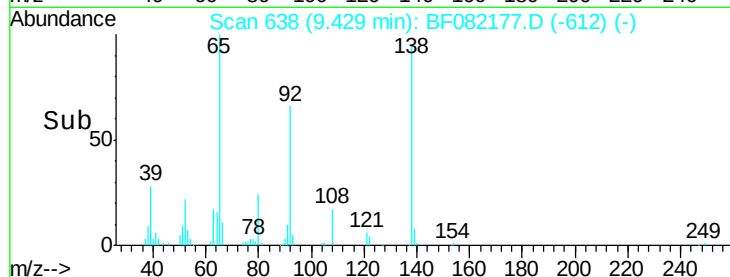
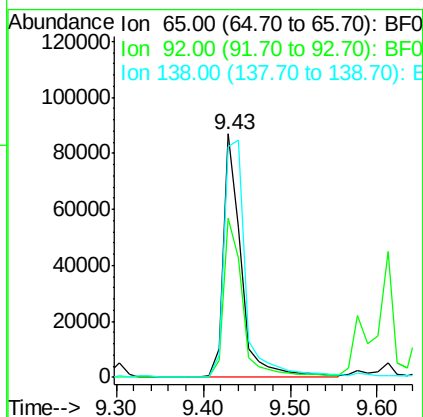
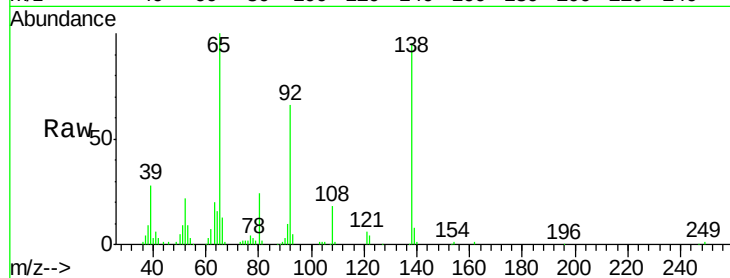
Tgt Ion: 65 Resp: 124890

Ion Ratio Lower Upper

65 100

92 65.5 52.3 78.5

138 94.6 72.2 108.4



#48

Acenaphthylene

Concen: 38.29 ng

RT: 9.75 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

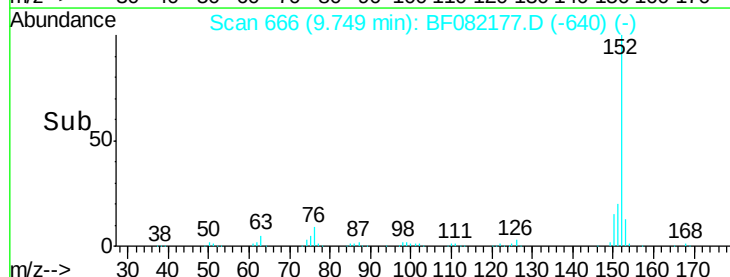
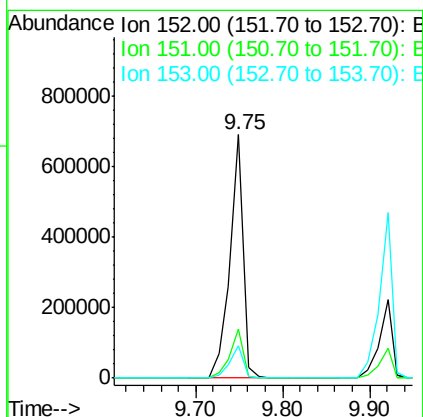
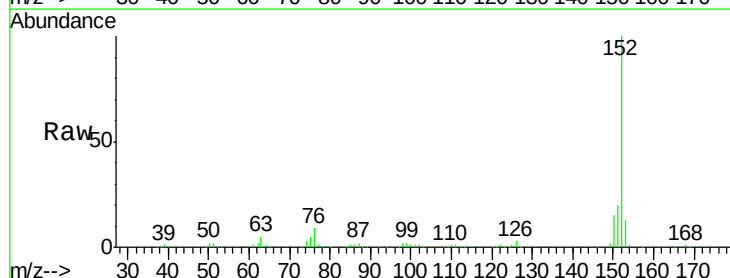
Tgt Ion: 152 Resp: 734058

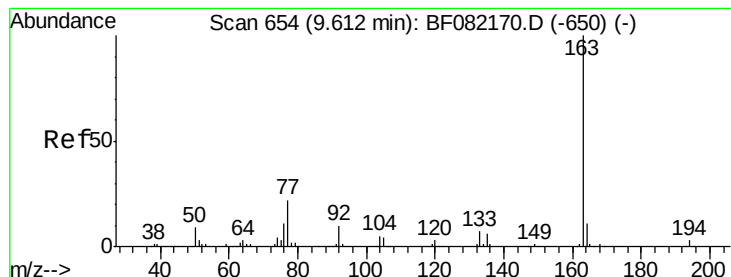
Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 36.75 ng

RT: 9.61 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

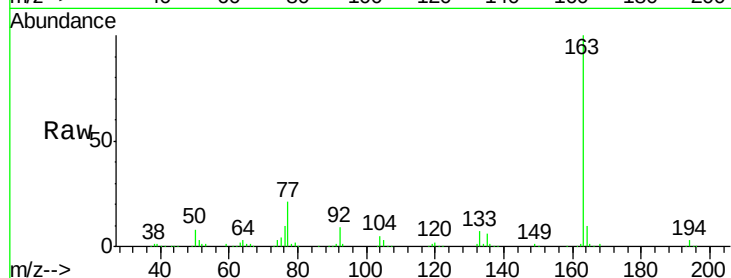
Tgt Ion:163 Resp: 530431

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

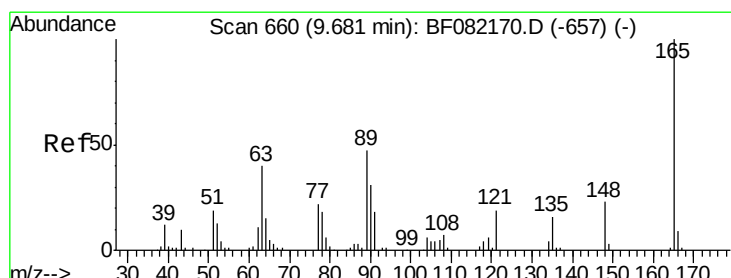
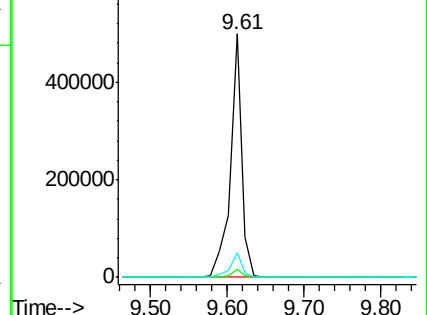
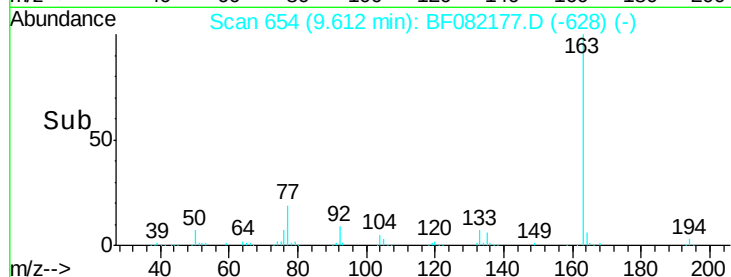
164 10.4 8.5 12.7



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: 41.53 ng

RT: 9.68 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

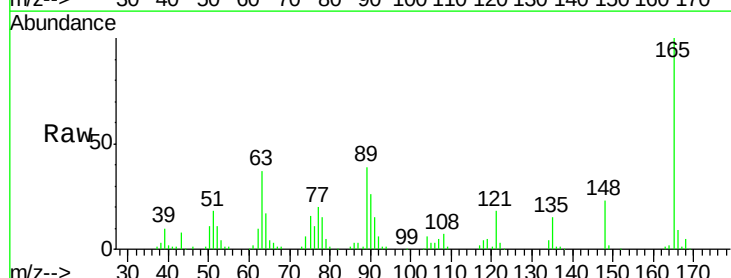
Tgt Ion:165 Resp: 126492

Ion Ratio Lower Upper

165 100

63 36.8 36.7 55.1

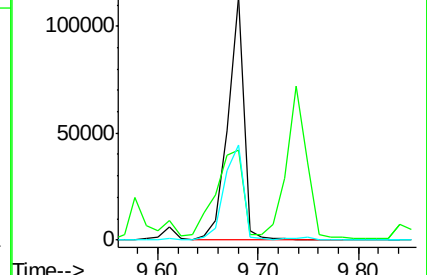
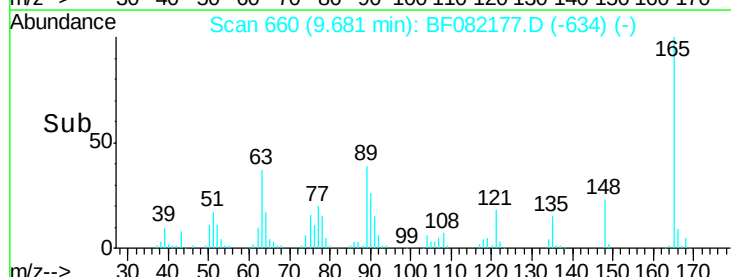
89 39.0 37.8 56.6

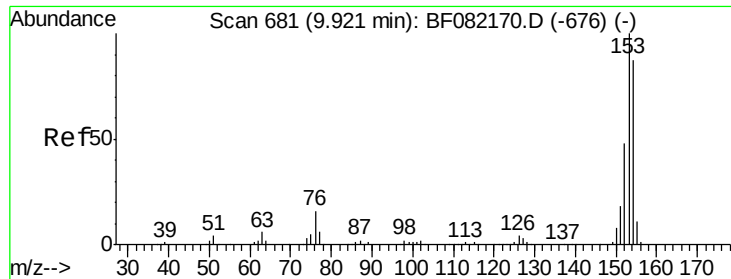


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

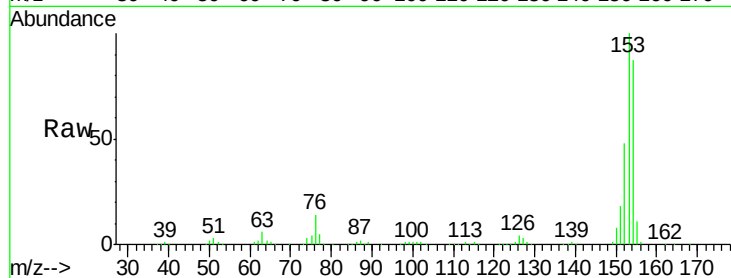




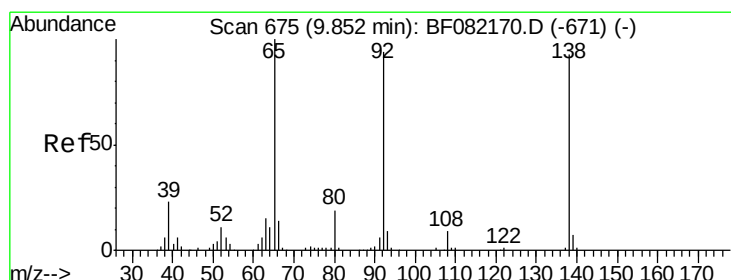
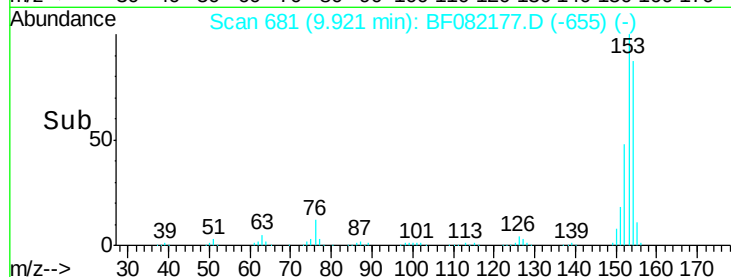
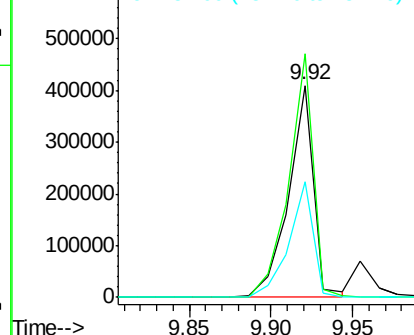
#51
Acenaphthene
Concen: 37.95 ng
RT: 9.92 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion:154 Resp: 436693
Ion Ratio Lower Upper
154 100
153 114.8 91.4 137.2
152 54.6 44.3 66.5

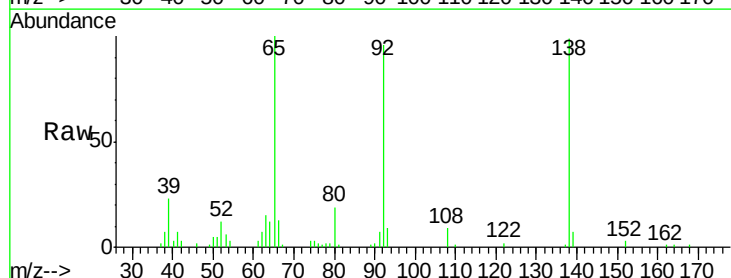


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

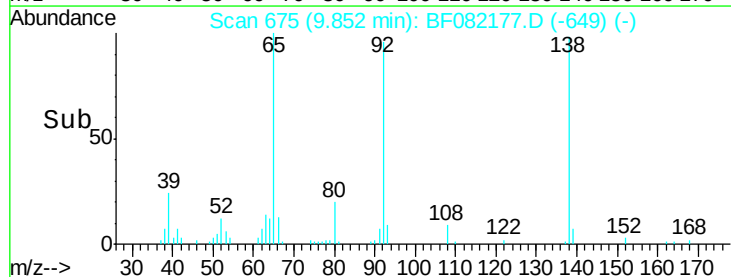
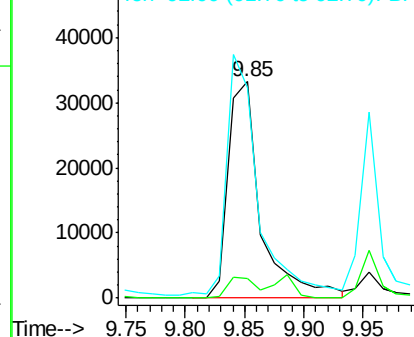


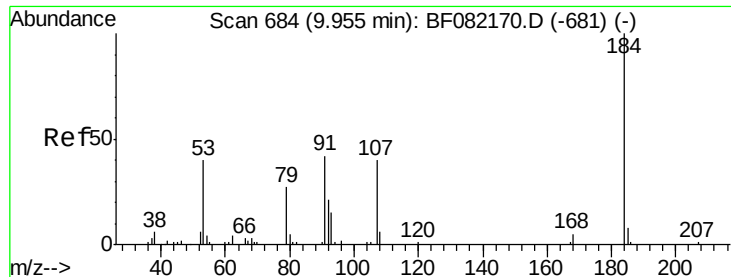
#52
3-Nitroaniline
Concen: 18.41 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion:138 Resp: 63328
Ion Ratio Lower Upper
138 100
108 9.2 7.4 11.0
92 97.3 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

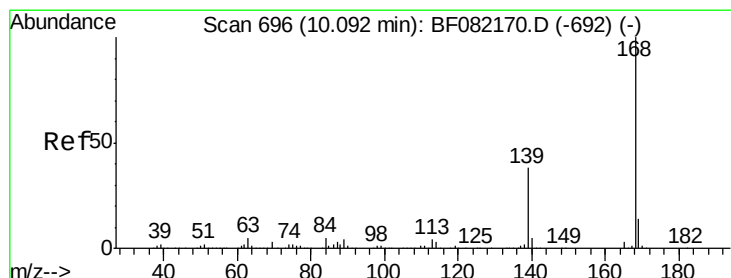
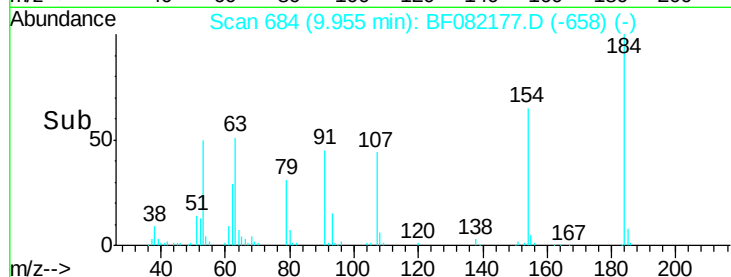
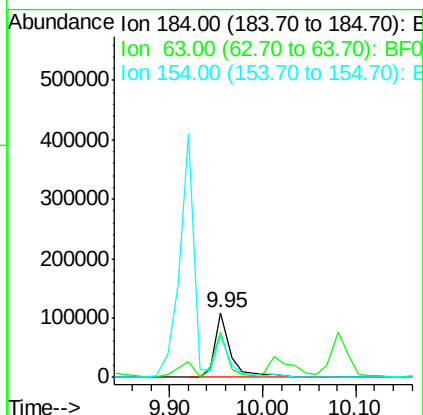
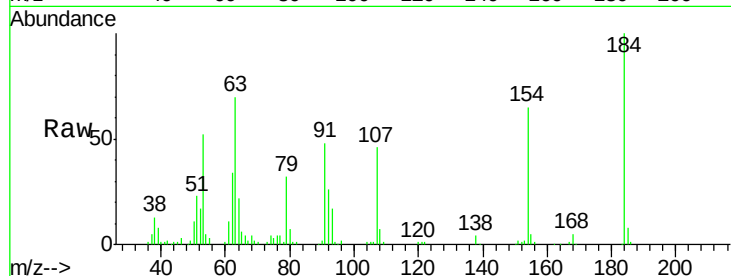




#53
2,4-Dinitrophenol
Concen: 77.29 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

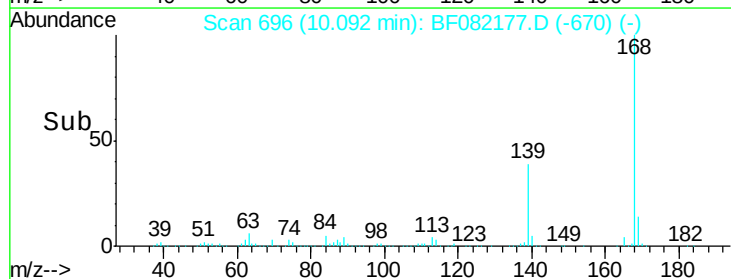
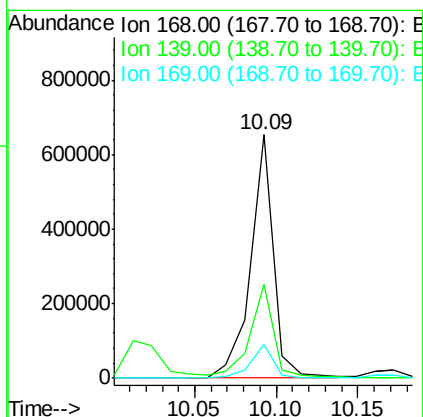
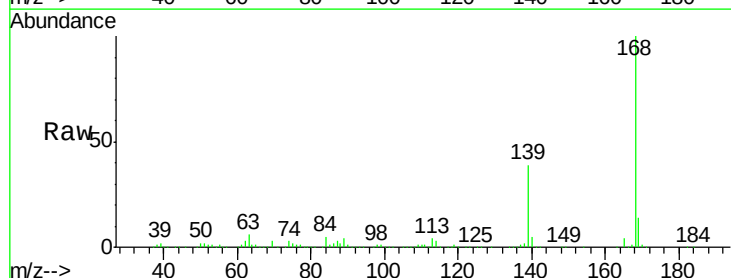
Instrument :
BNA_F
ClientSampleId :
PB86038BS

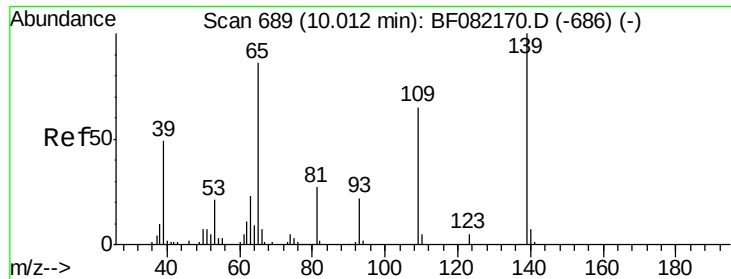
Tgt Ion:184 Resp: 131148
Ion Ratio Lower Upper
184 100
63 70.0 45.1 67.7#
154 64.5 51.2 76.8



#54
Dibenzofuran
Concen: 40.28 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion:168 Resp: 636456
Ion Ratio Lower Upper
168 100
139 38.7 31.0 46.6
169 13.7 10.9 16.3

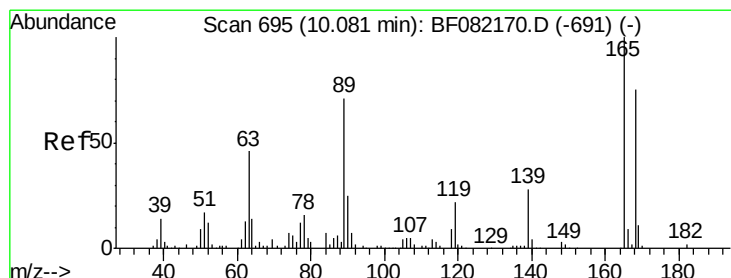
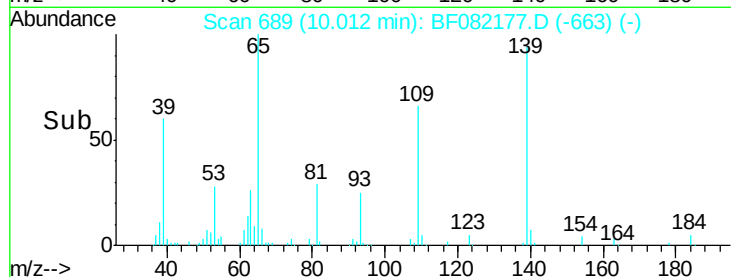
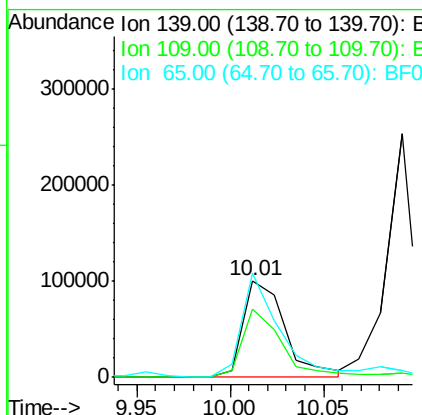
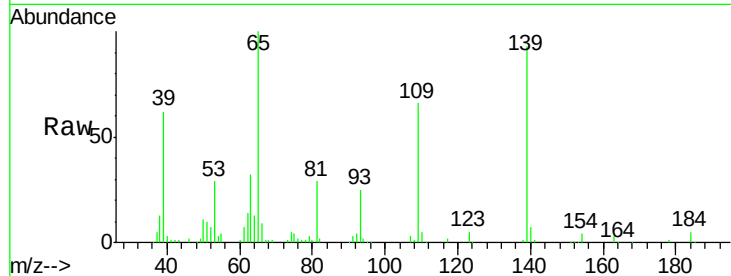




#55
4-Nitrophenol
Concen: 69.81 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

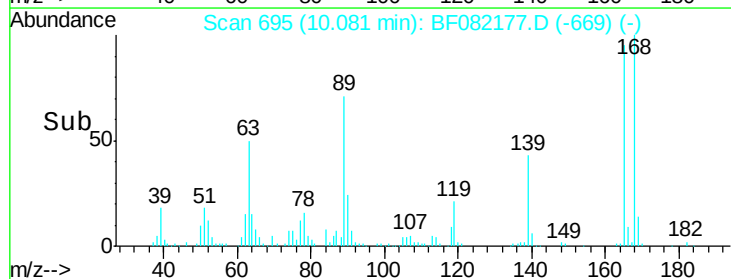
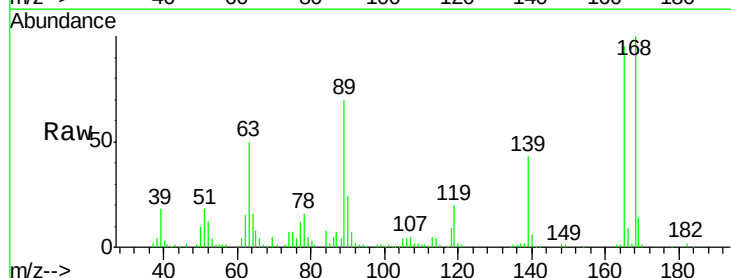
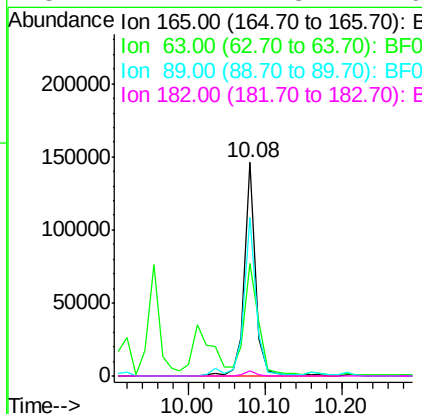
Instrument :
BNA_F
ClientSampleId :
PB86038BS

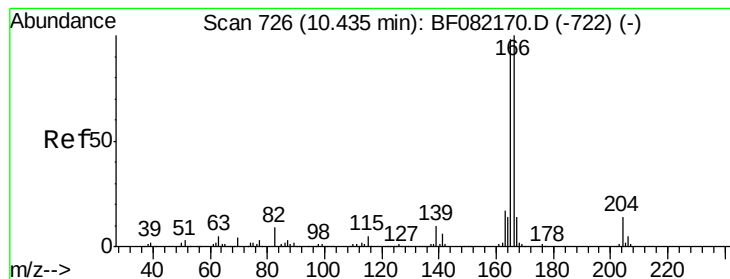
Tgt Ion:139 Resp: 157439
Ion Ratio Lower Upper
139 100
109 70.8 44.8 84.8
65 107.3 67.7 107.7



#56
2,4-Dinitrotoluene
Concen: 39.17 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion:165 Resp: 149096
Ion Ratio Lower Upper
165 100
63 52.8 38.6 58.0
89 74.4 57.0 85.6
182 2.2 1.8 2.6





#57

Fluorene

Concen: 39.60 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

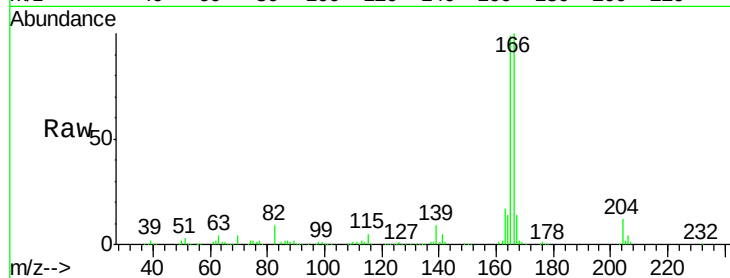
Tgt Ion:166 Resp: 513861

Ion Ratio Lower Upper

166 100

165 98.8 78.3 117.5

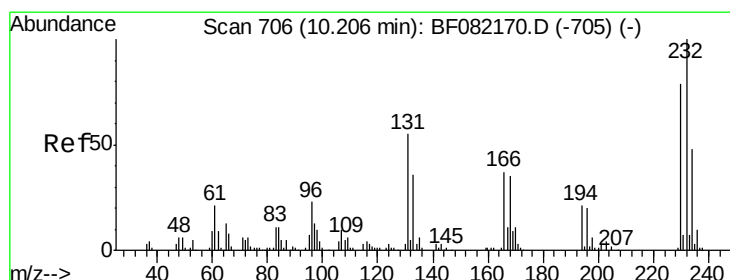
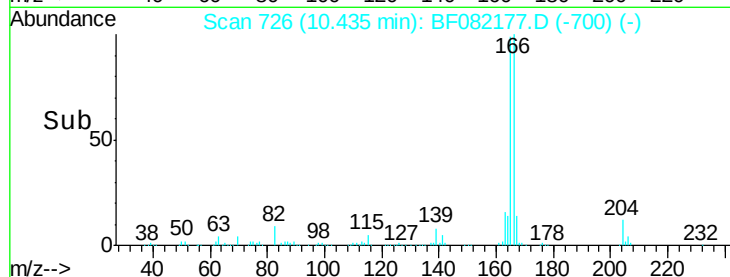
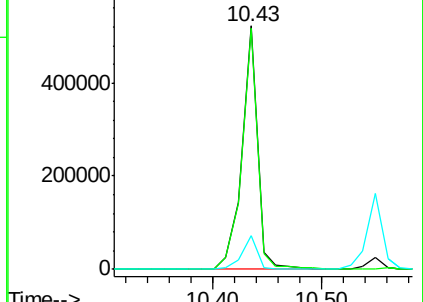
167 13.7 10.8 16.2



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: 36.55 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion:232 Resp: 131010

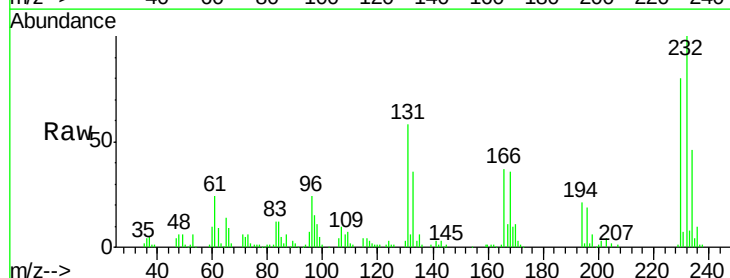
Ion Ratio Lower Upper

232 100

131 46.1 36.6 54.8

130 2.1 1.5 2.3

166 30.2 24.6 37.0

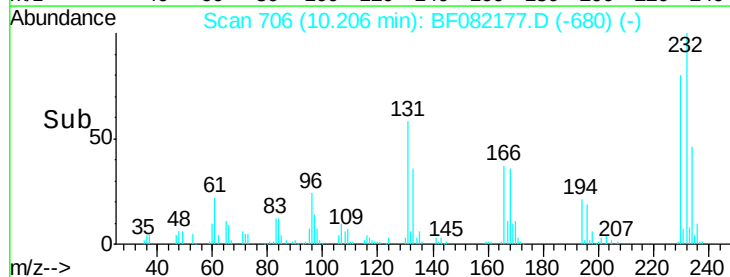
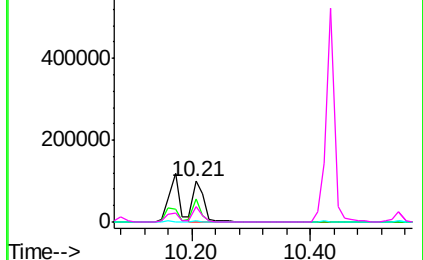


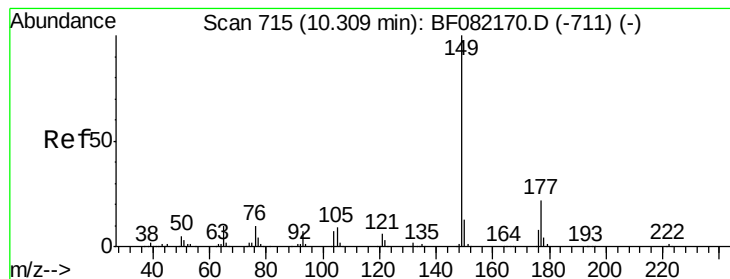
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.67 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

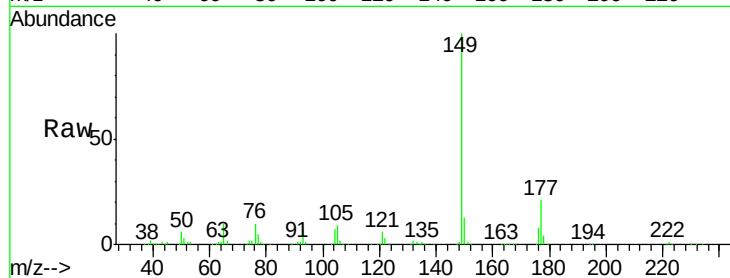
Tgt Ion:149 Resp: 506847

Ion Ratio Lower Upper

149 100

177 21.1 17.6 26.4

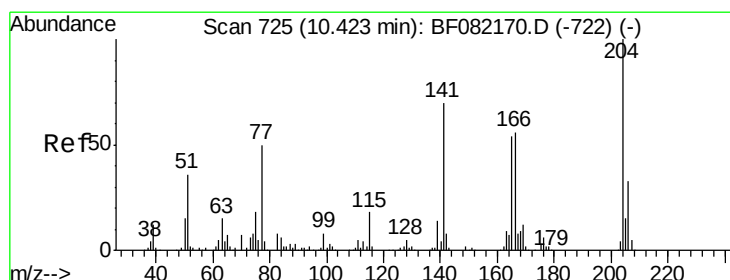
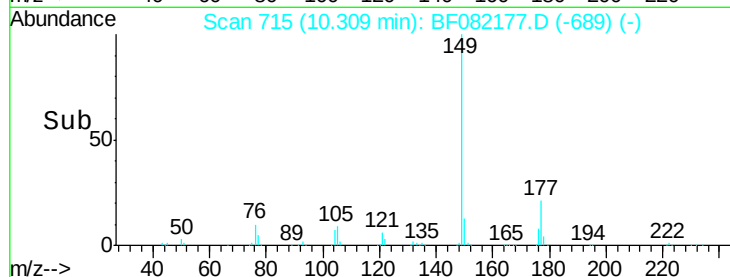
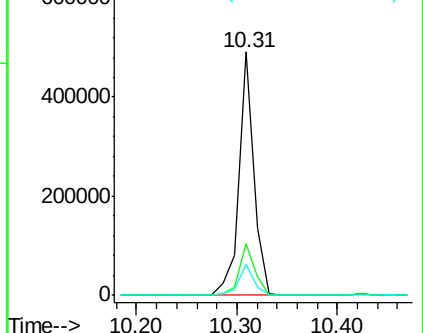
150 13.0 10.3 15.5



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: 38.74 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

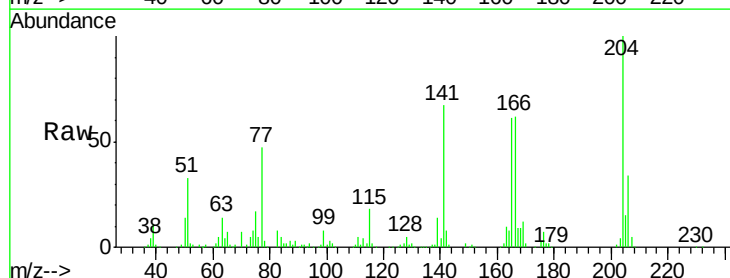
Tgt Ion:204 Resp: 230266

Ion Ratio Lower Upper

204 100

206 34.4 26.8 40.2

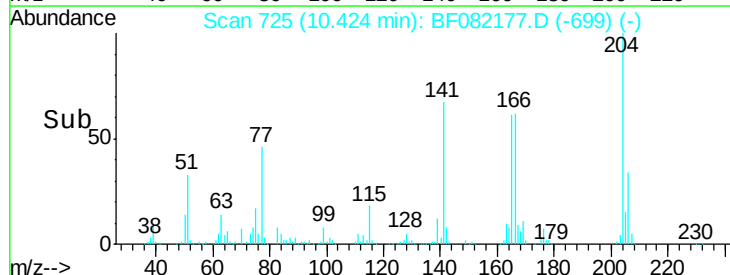
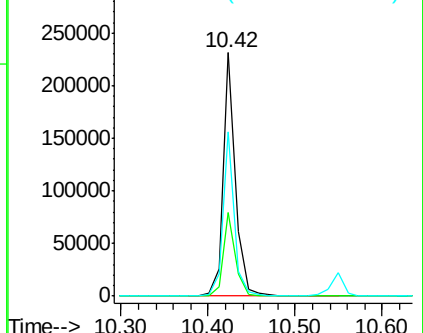
141 67.3 56.1 84.1

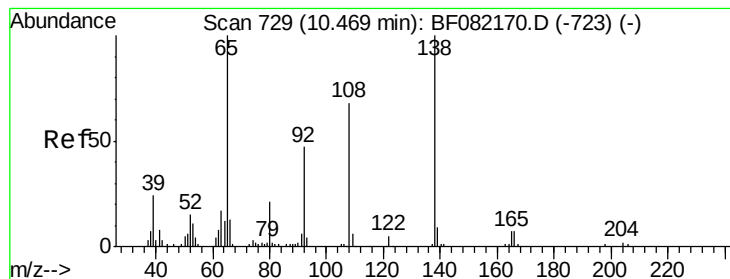


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.70 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

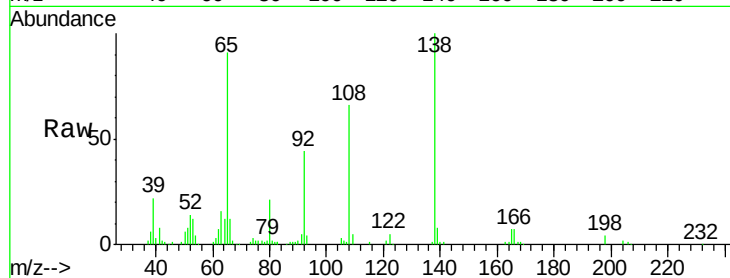
Tgt Ion:138 Resp: 122473

Ion Ratio Lower Upper

138 100

92 44.1 26.8 66.8

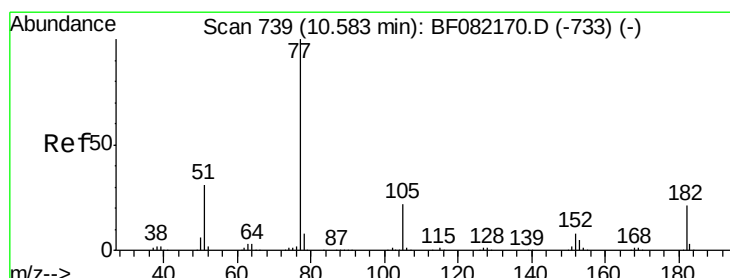
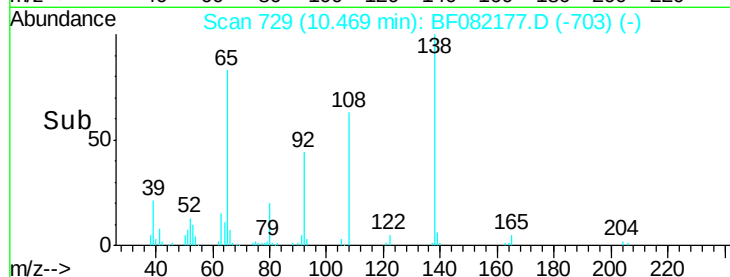
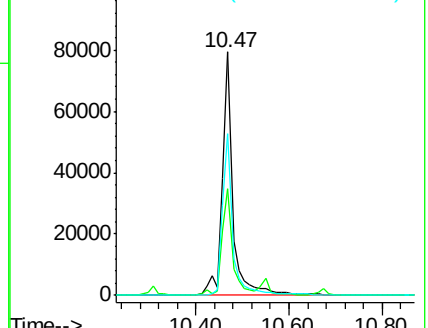
108 66.3 48.4 88.4



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: 38.16 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion: 77 Resp: 502482

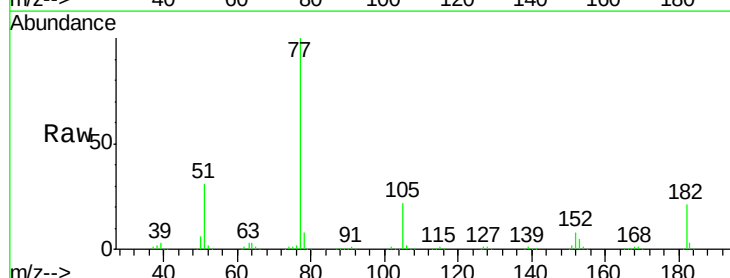
Ion Ratio Lower Upper

77 100

182 21.3 0.5 40.5

105 21.7 1.8 41.8

51 31.1 11.2 51.2

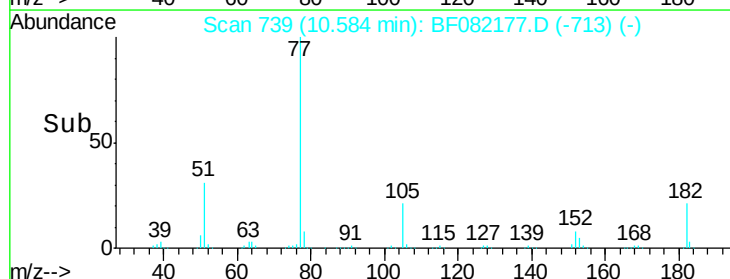
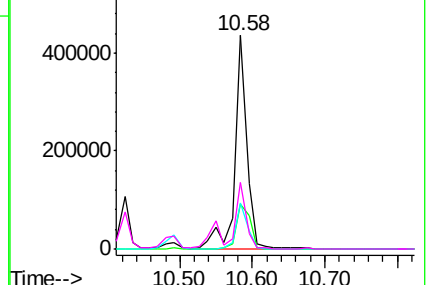


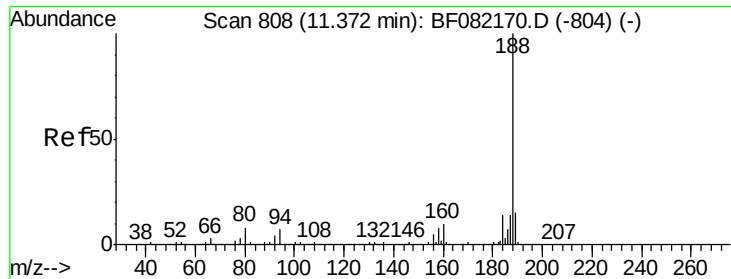
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

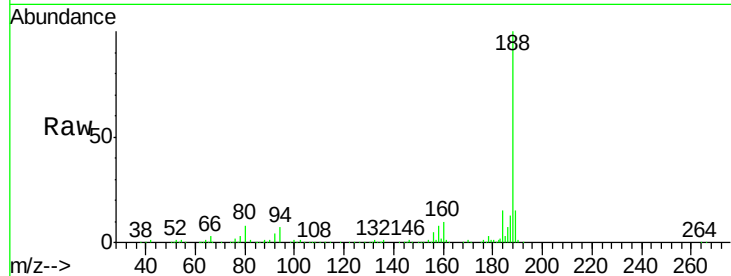
Tgt Ion:188 Resp: 381935

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

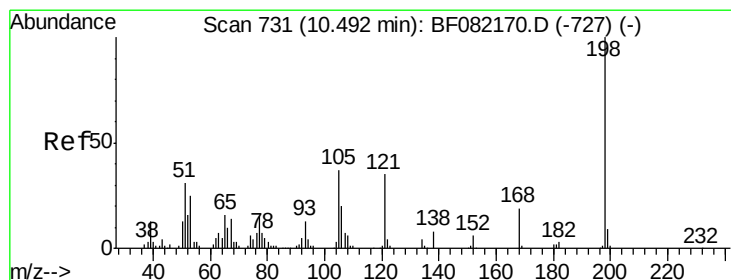
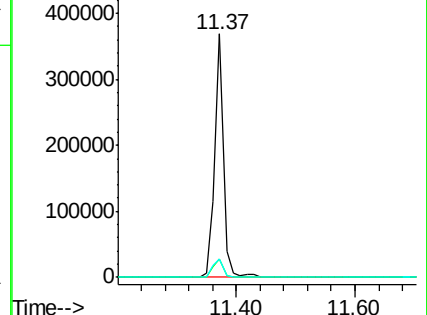
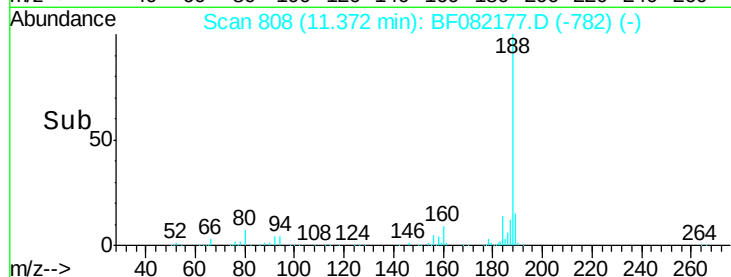
80 7.7 6.4 9.6



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: 42.88 ng

RT: 10.49 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

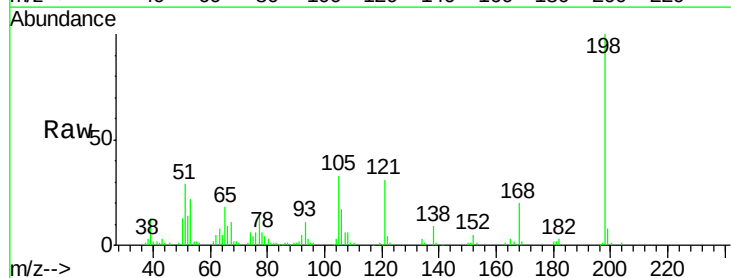
Tgt Ion:198 Resp: 91913

Ion Ratio Lower Upper

198 100

51 28.7 13.6 53.6

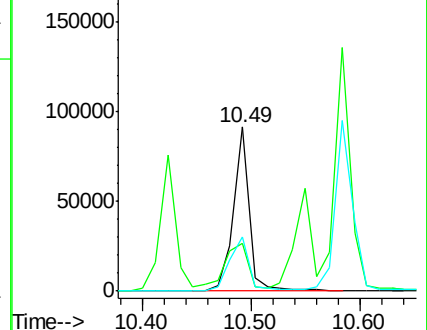
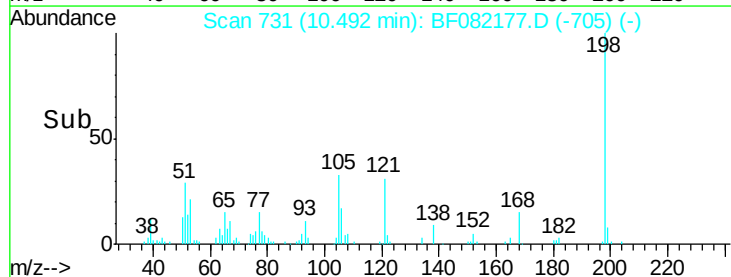
105 32.8 17.1 57.1

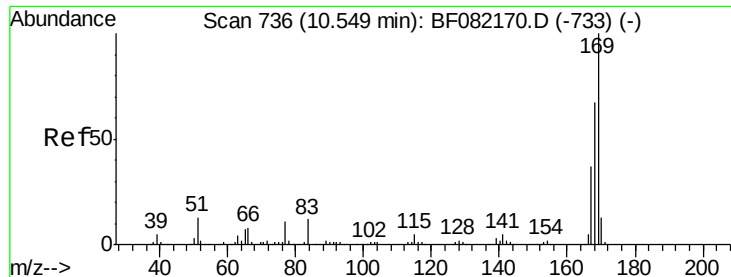


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

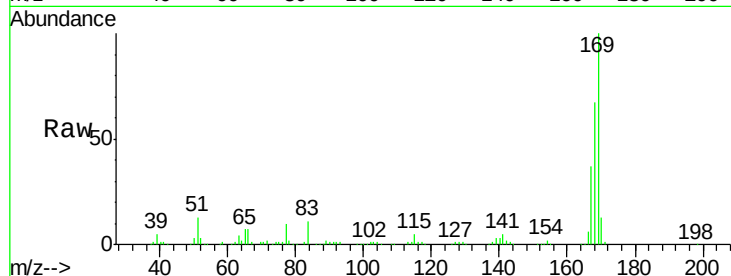




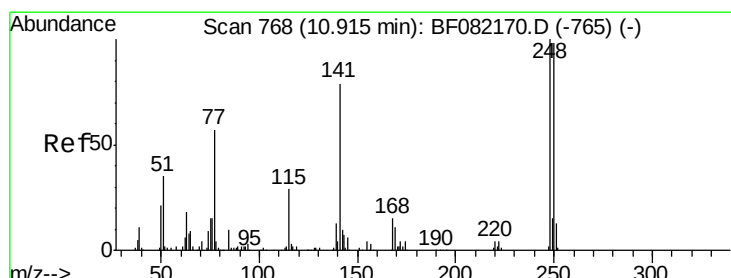
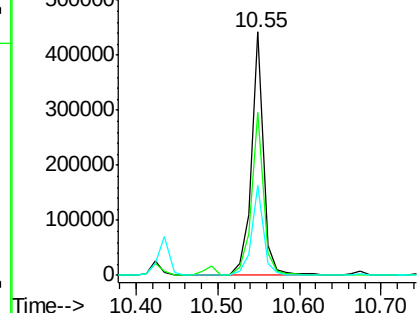
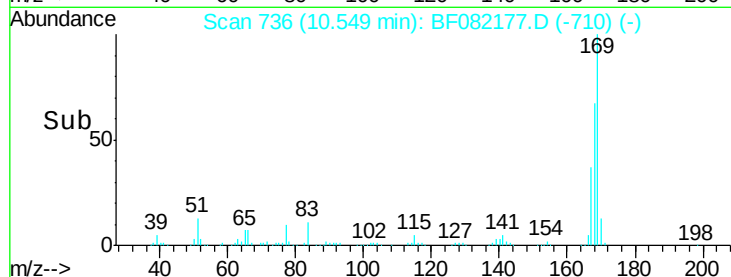
#65
 n-Nitrosodiphenylamine
 Concen: 39.10 ng
 RT: 10.55 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.0	81.0
167	36.8	29.6	44.4

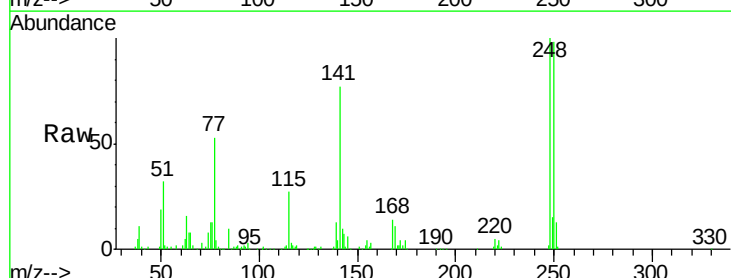


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

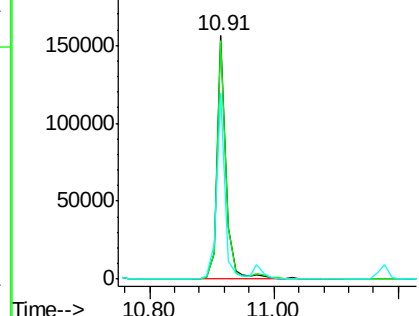
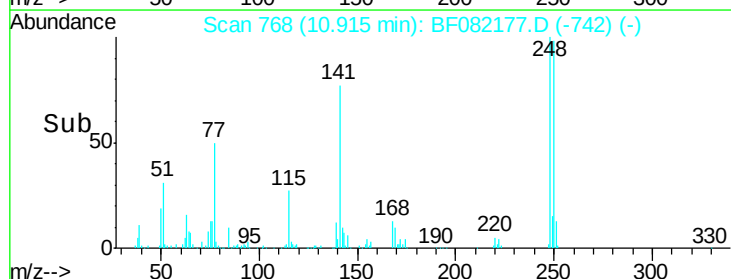


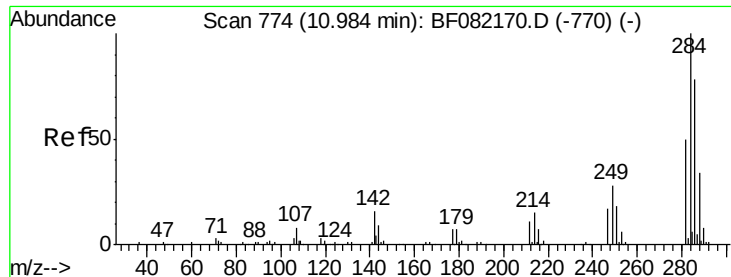
#66
 4-Bromophenyl-phenylether
 Concen: 40.68 ng
 RT: 10.91 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.6	117.8
141	76.6	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: 38.65 ng

RT: 10.98 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

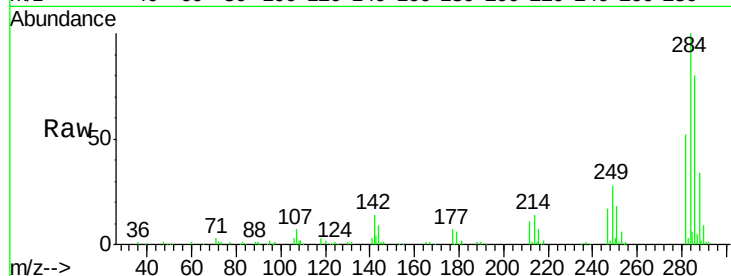
Tgt Ion:284 Resp: 159762

Ion Ratio Lower Upper

284 100

142 14.5 13.0 19.6

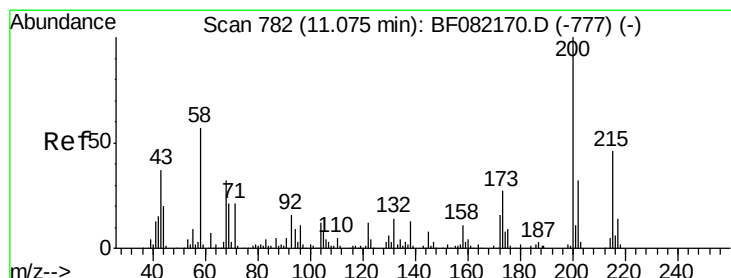
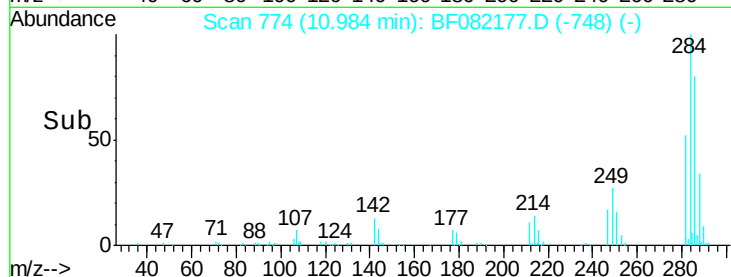
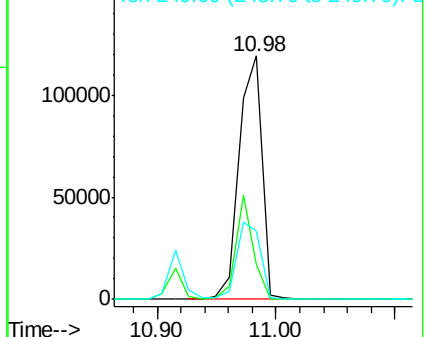
249 27.9 22.5 33.7



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: 35.78 ng

RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

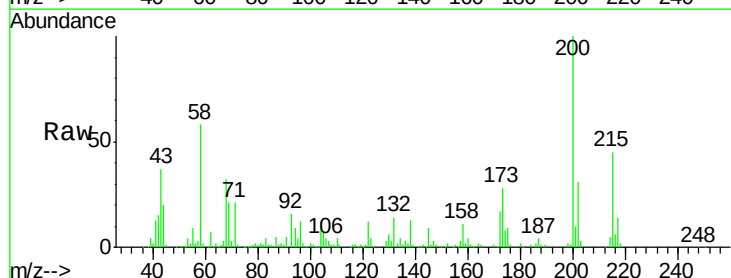
Tgt Ion:200 Resp: 129635

Ion Ratio Lower Upper

200 100

173 27.9 7.3 47.3

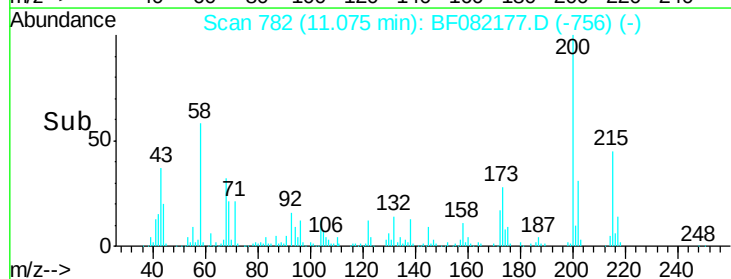
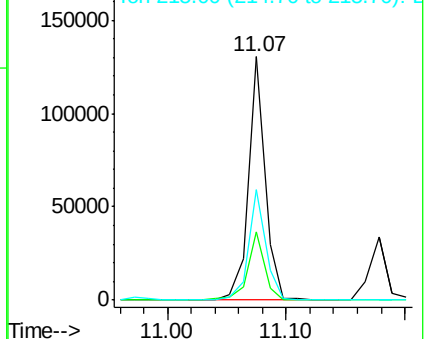
215 45.4 26.2 66.2

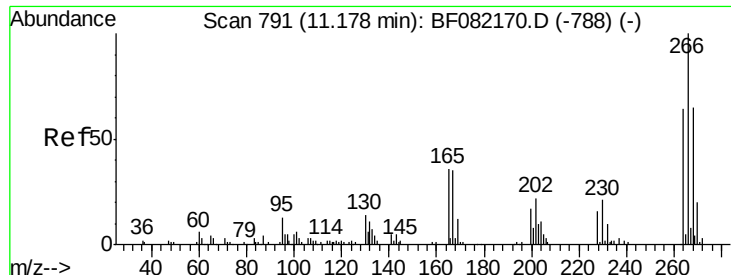


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

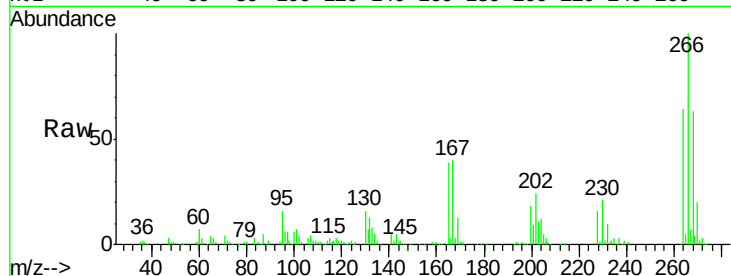




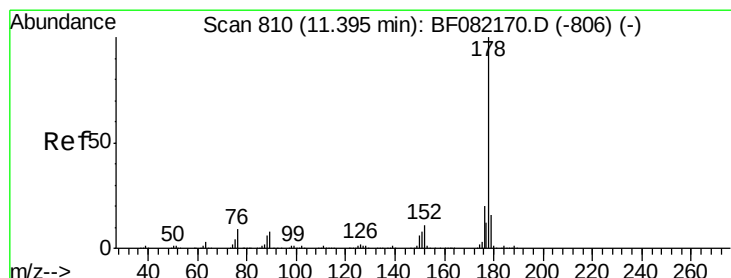
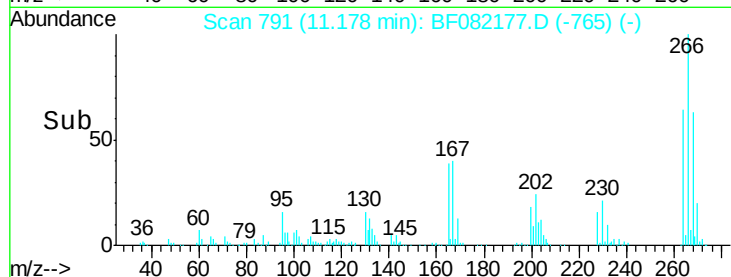
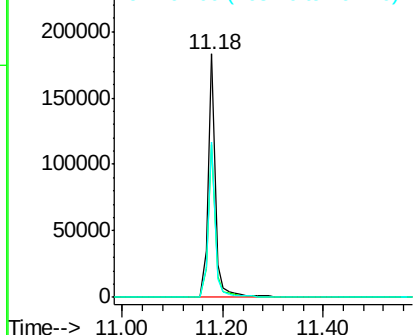
#69
 Pentachlorophenol
 Concen: 87.30 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion:266 Resp: 185713
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.0 78.0
 264 64.0 51.4 77.0

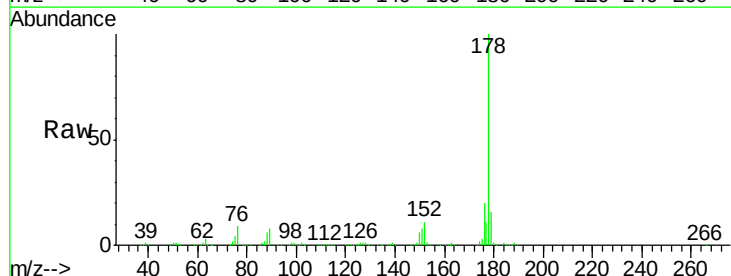


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

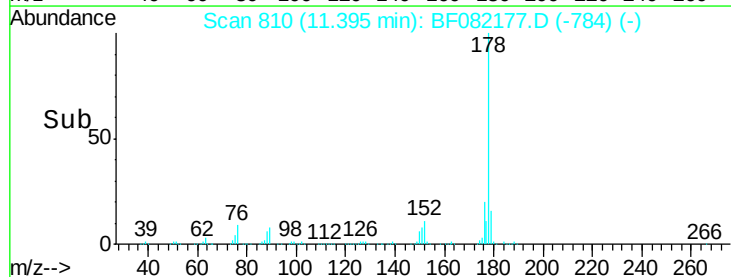
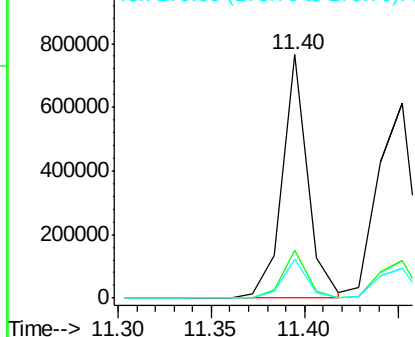


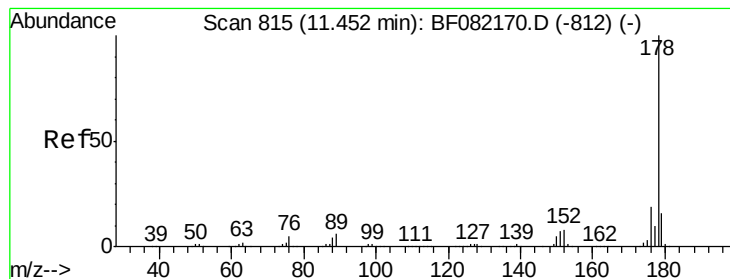
#70
 Phenanthrene
 Concen: 38.68 ng
 RT: 11.40 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion:178 Resp: 724224
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.9 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: 41.74 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

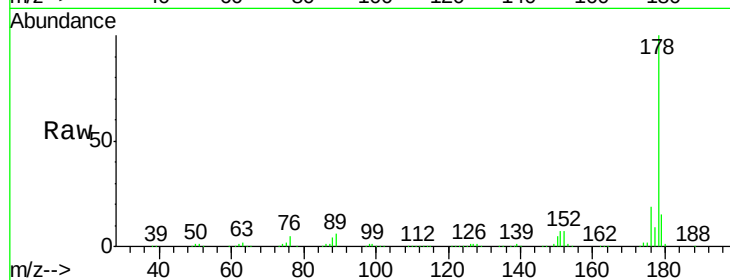
Tgt Ion:178 Resp: 805189

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

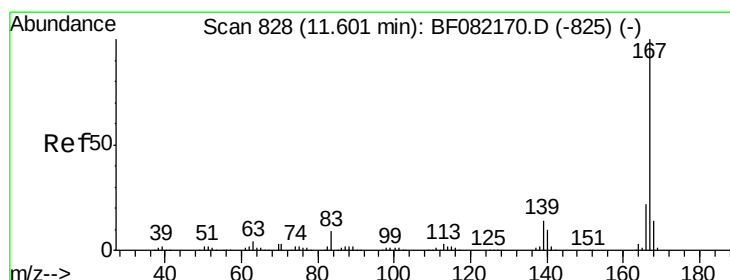
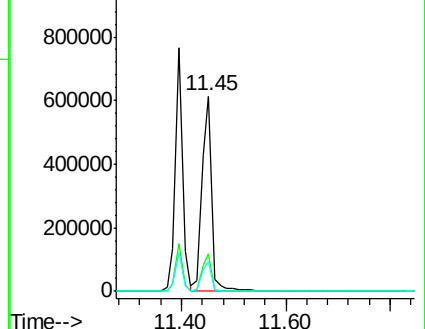
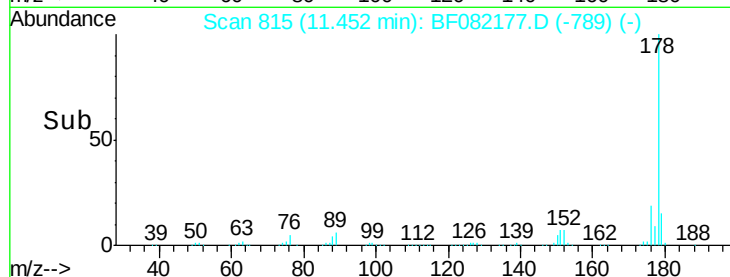
179 15.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.45 ng

RT: 11.60 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

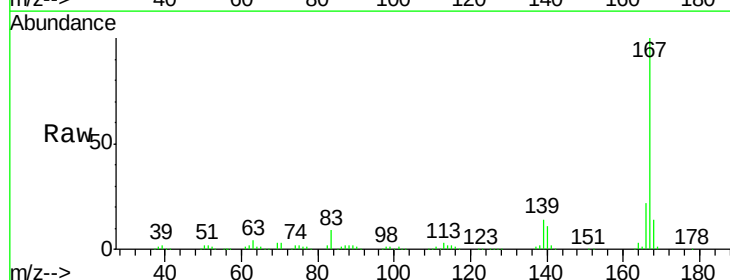
Tgt Ion:167 Resp: 641442

Ion Ratio Lower Upper

167 100

166 22.1 17.3 25.9

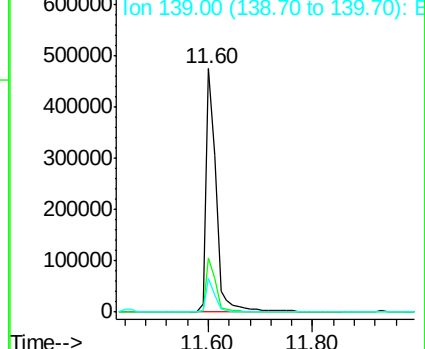
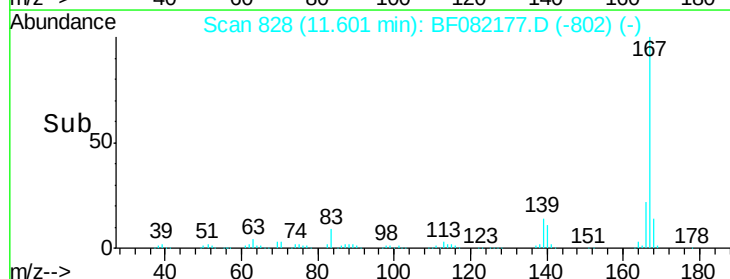
139 13.8 11.2 16.8

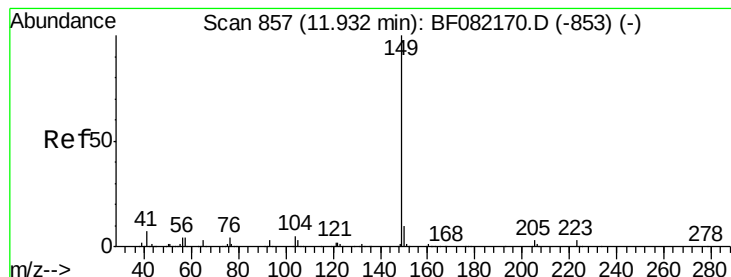


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.83 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

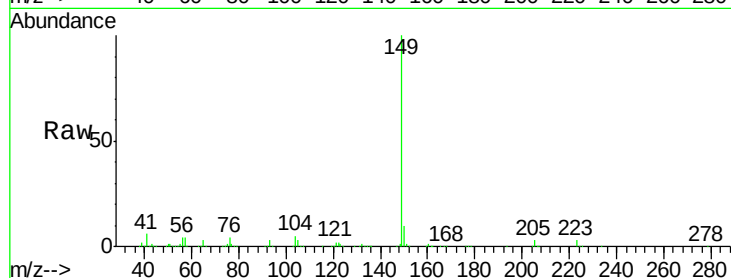
Tgt Ion:149 Resp: 842879

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

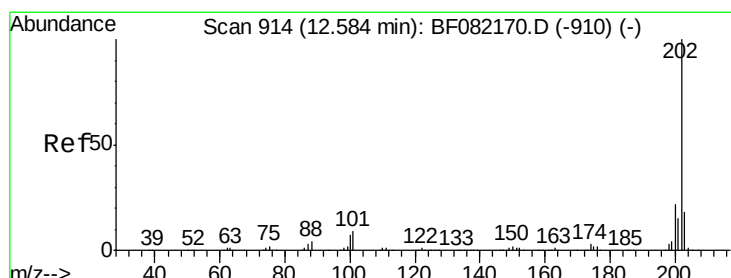
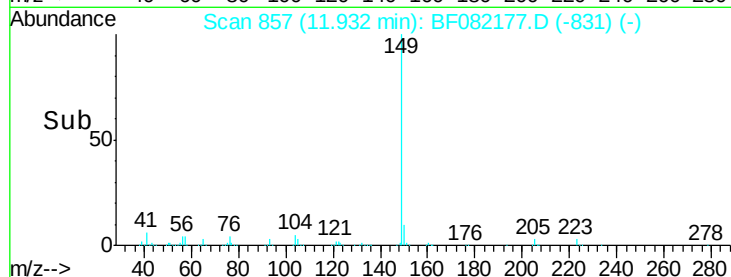
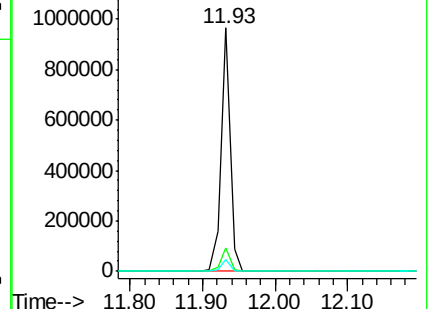
104 4.8 3.8 5.8



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: 39.87 ng

RT: 12.58 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

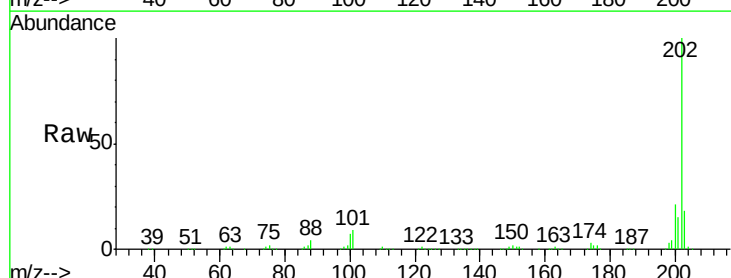
Tgt Ion:202 Resp: 801576

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.3

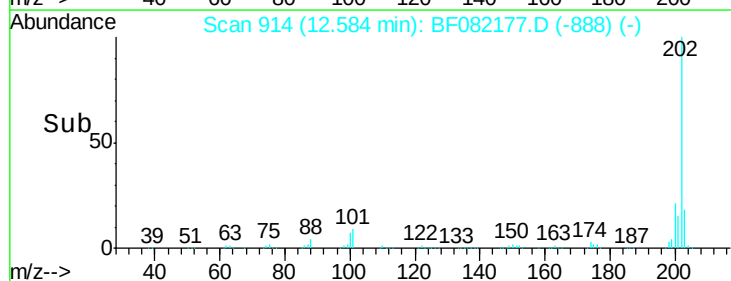
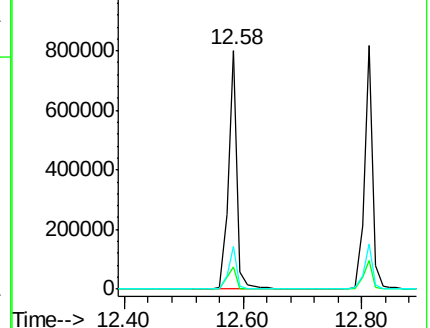
203 17.8 0.0 37.8

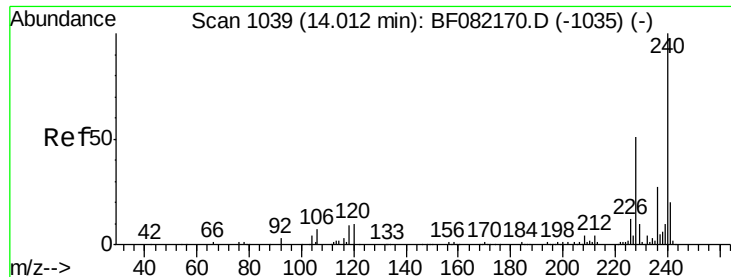


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

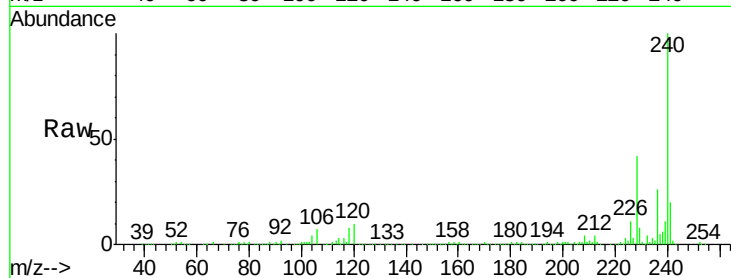
Tgt Ion:240 Resp: 349183

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

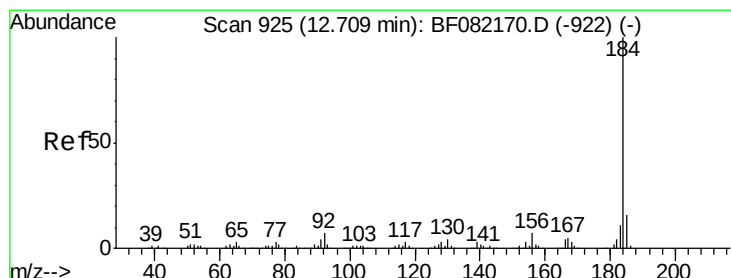
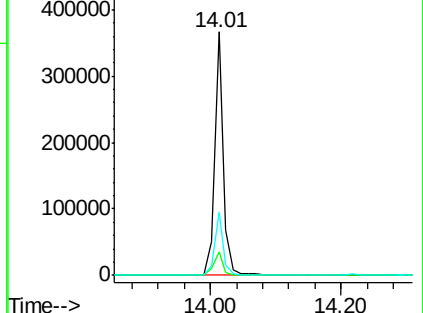
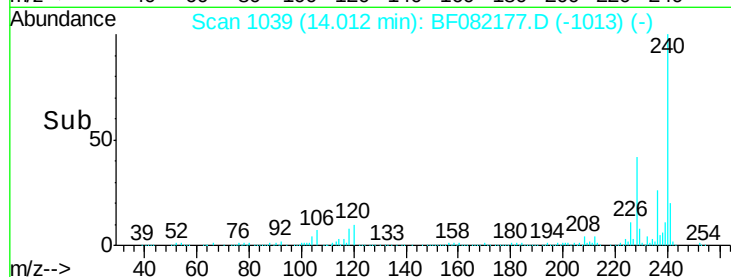
236 25.8 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.40 ng

RT: 12.71 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

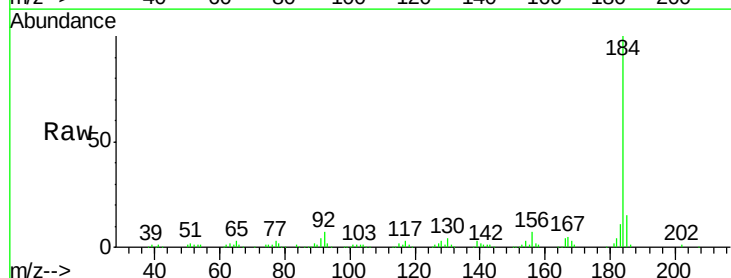
Tgt Ion:184 Resp: 317732

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

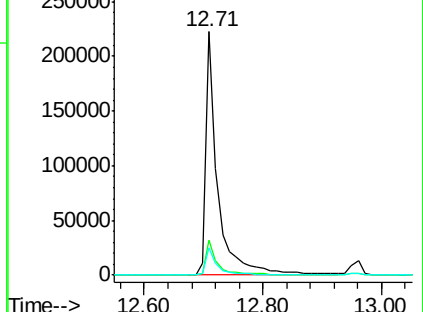
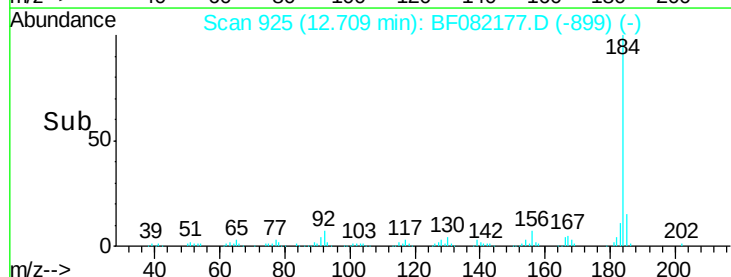
183 11.3 9.1 13.7

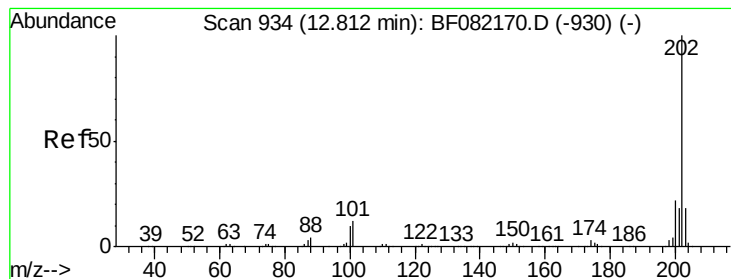


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.70 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

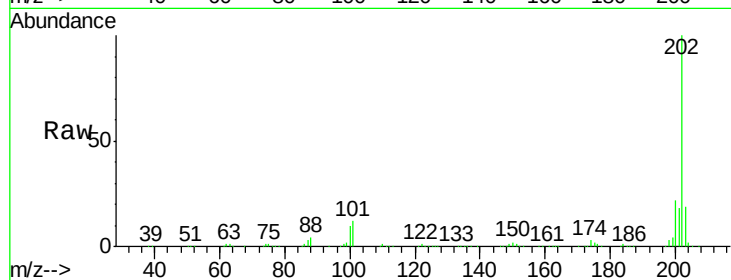
Tgt Ion: 202 Resp: 781309

Ion Ratio Lower Upper

202 100

200 22.4 17.9 26.9

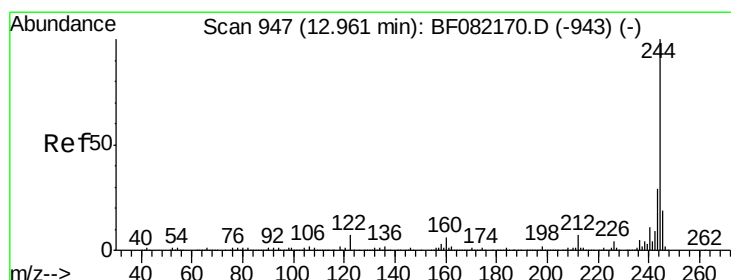
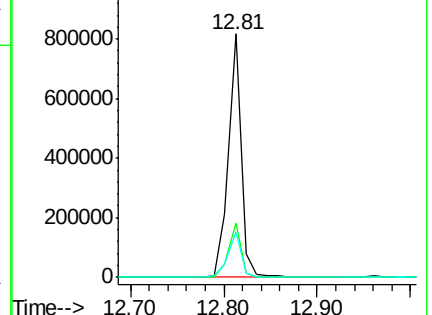
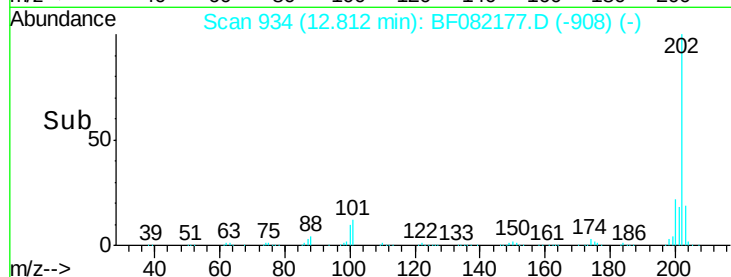
203 18.5 14.5 21.7



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: 83.11 ng

RT: 12.96 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

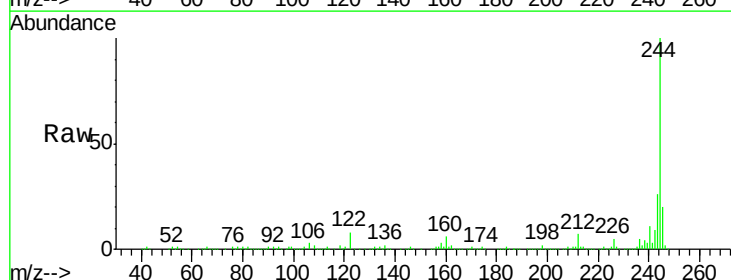
Tgt Ion: 244 Resp: 1095166

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

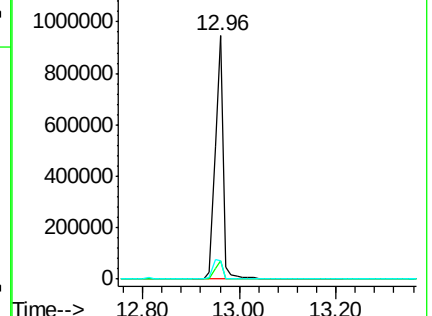
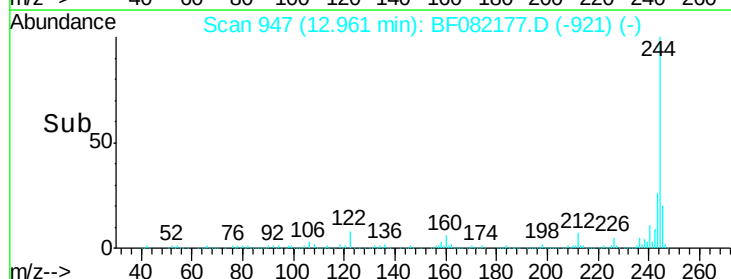
122 7.8 5.9 8.9

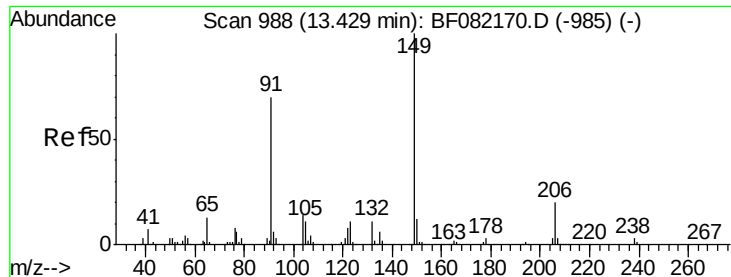


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

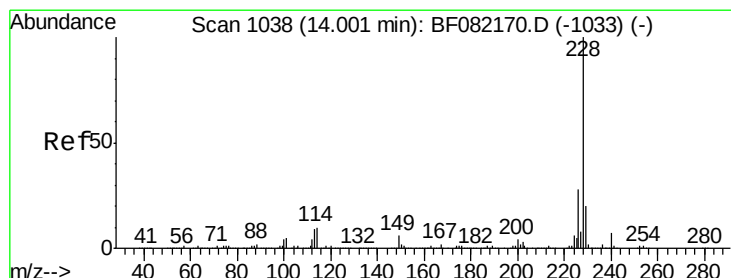
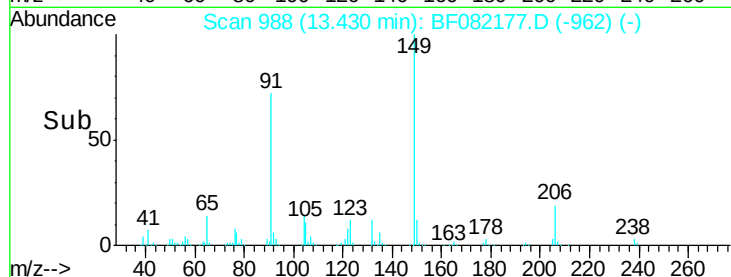
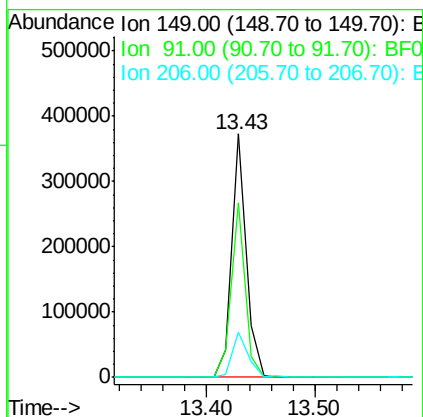
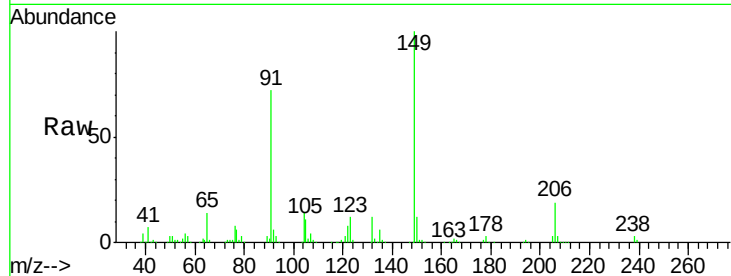




#79
Butylbenzylphthalate
Concen: 36.29 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

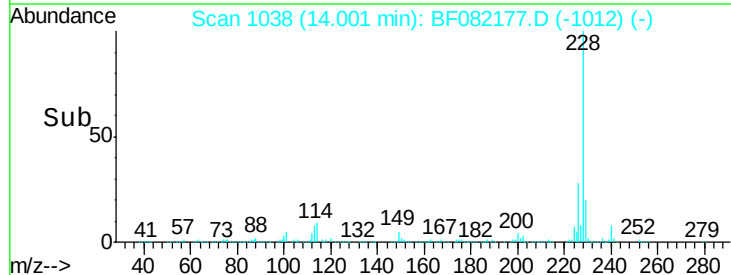
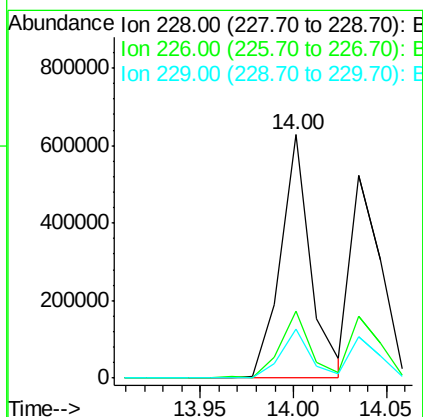
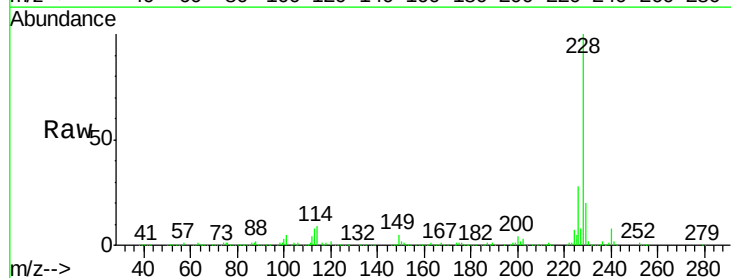
Instrument :
BNA_F
ClientSampleId :
PB86038BS

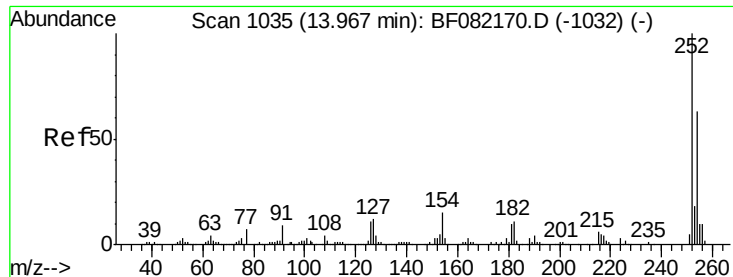
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.6	55.7	83.5
206	18.6	15.6	23.4



#80
Benzo(a)anthracene
Concen: 38.75 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	19.9	16.2	24.2

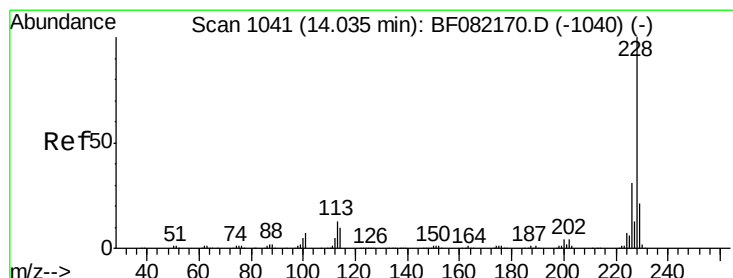
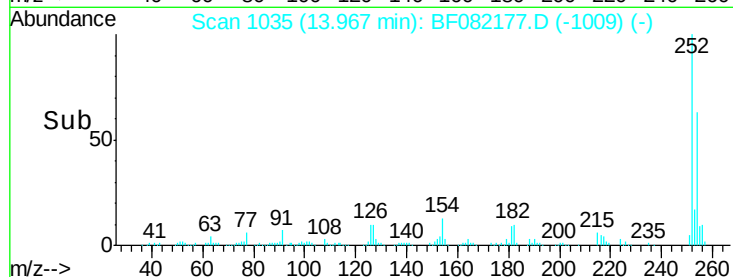
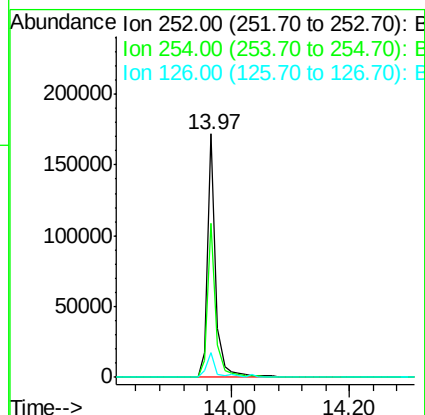
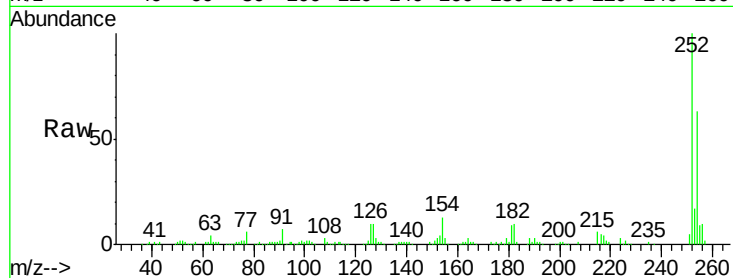




#81
 3,3'-Dichlorobenzidine
 Concen: 24.76 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

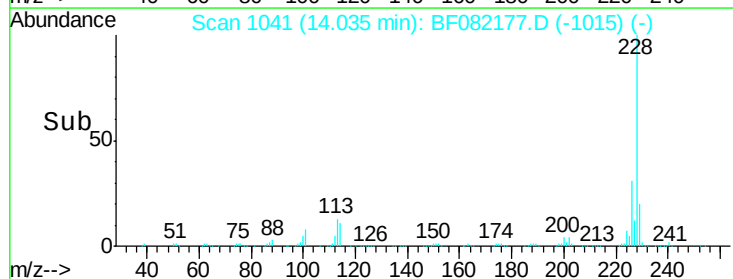
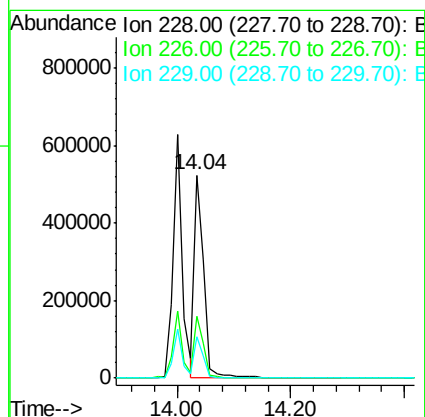
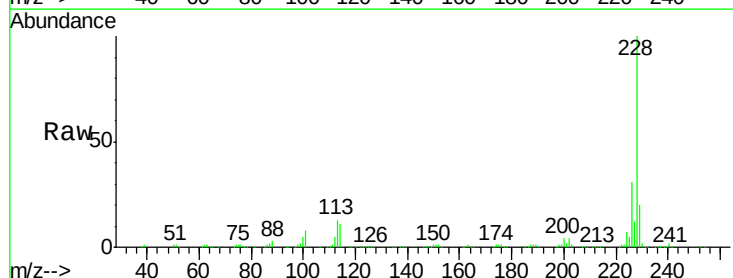
Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

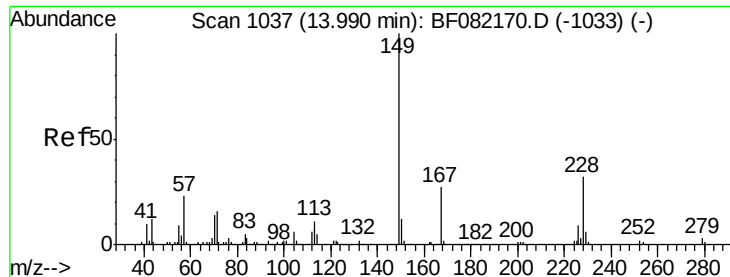
Tgt Ion:252 Resp: 170753
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.7 76.1
 126 10.0 9.0 13.6



#82
 Chrysene
 Concen: 32.41 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion:228 Resp: 620412
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.4 36.6
 229 20.1 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.41 ng

RT: 13.99 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

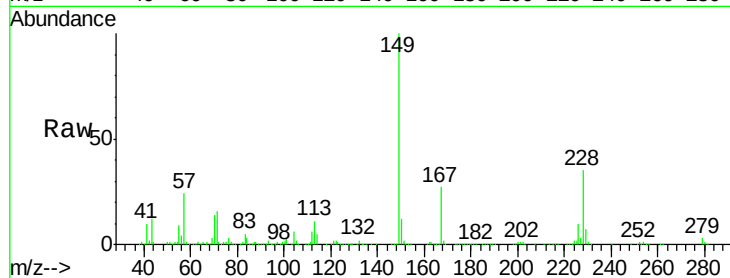
Tgt Ion:149 Resp: 504716

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

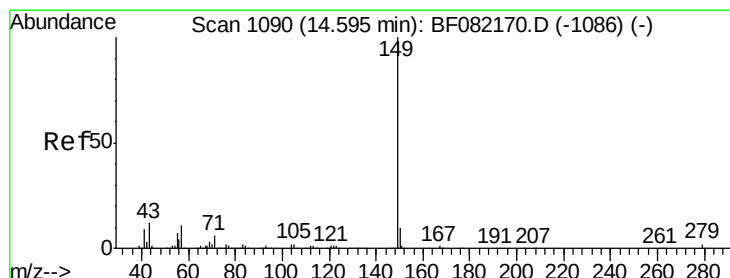
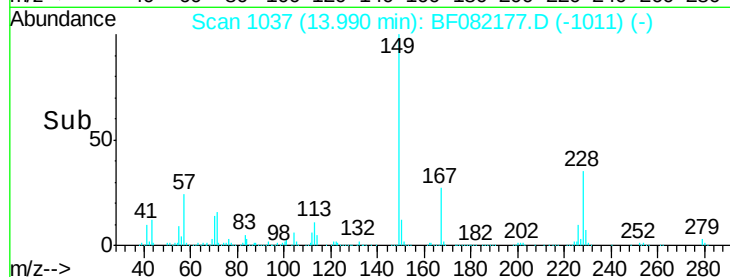
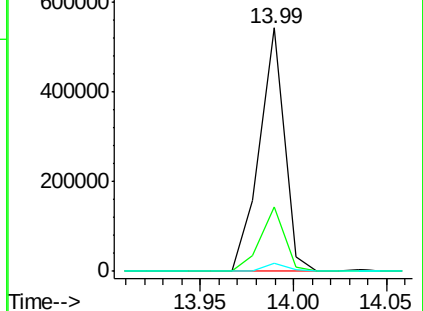
279 3.3 2.6 4.0



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: 36.09 ng

RT: 14.60 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

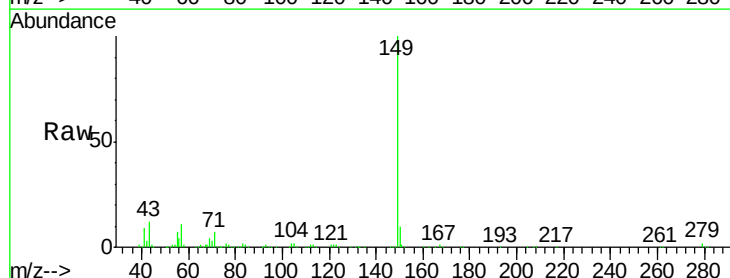
Tgt Ion:149 Resp: 836246

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

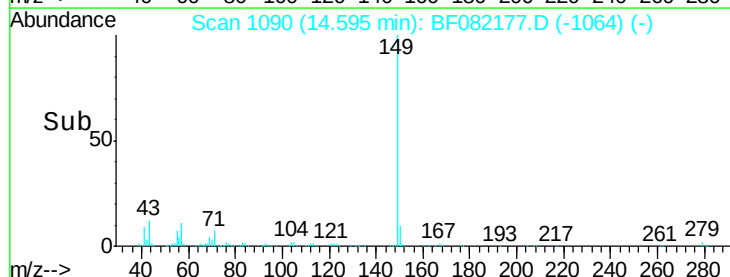
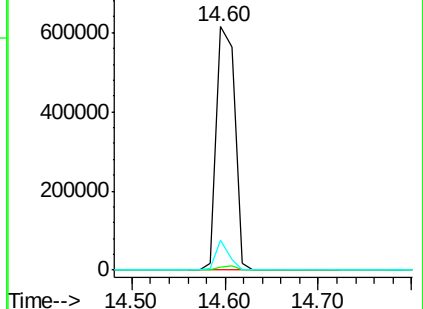
43 9.2 7.4 11.2

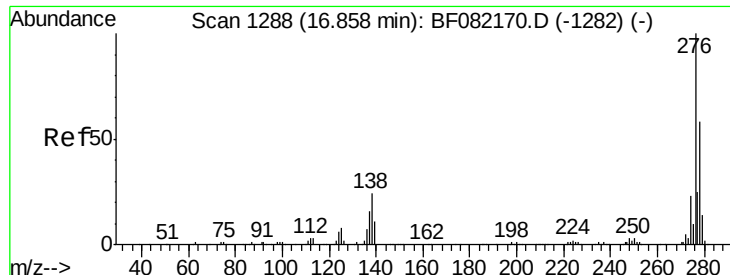


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

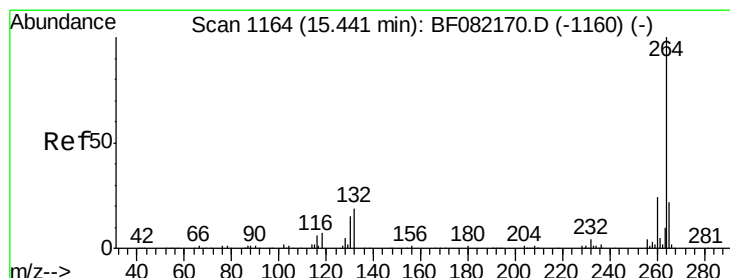
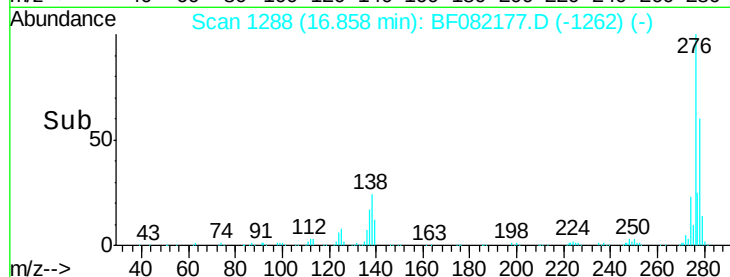
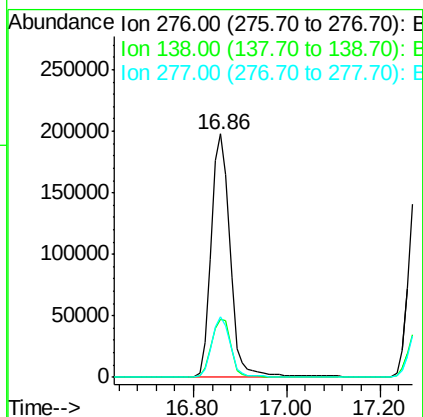
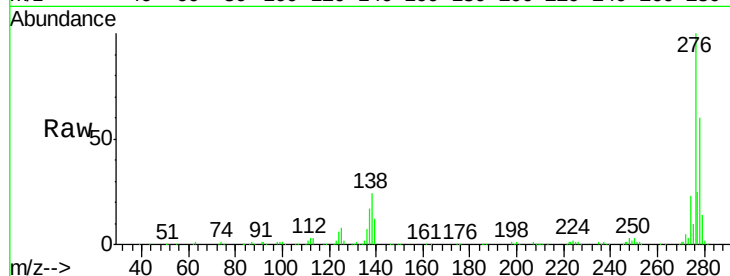




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.17 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

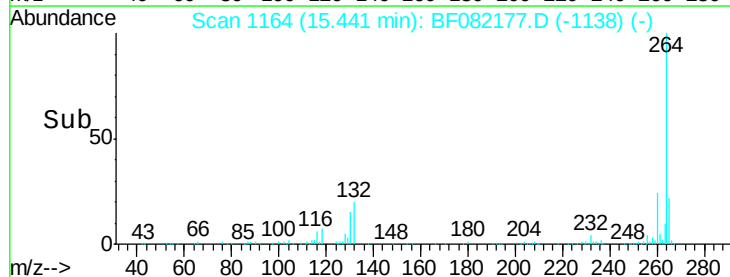
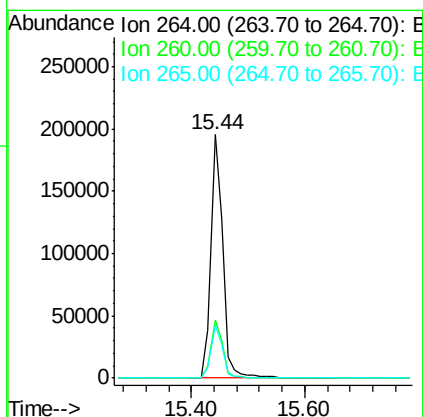
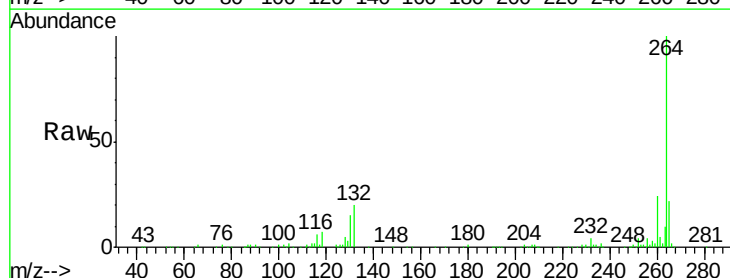
Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

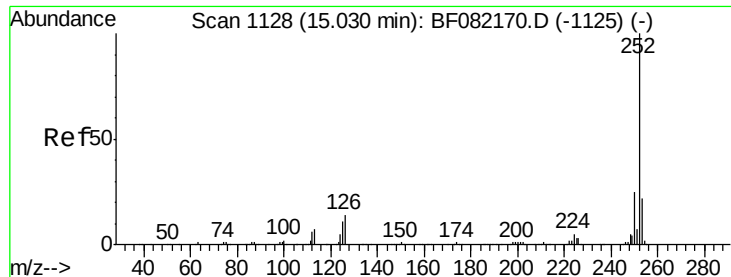
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.7	29.5
277	24.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.8	17.3	25.9

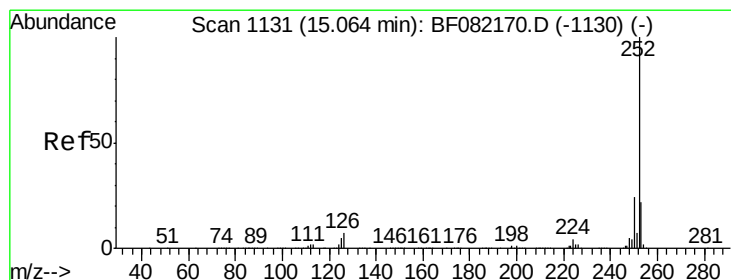
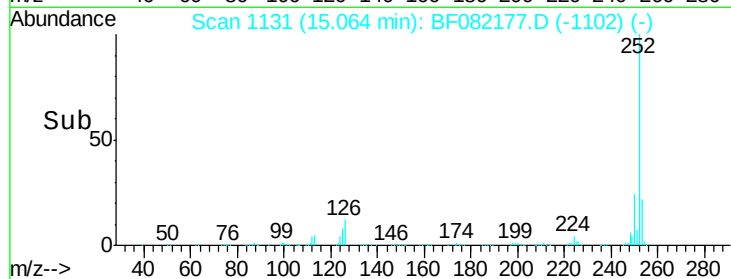
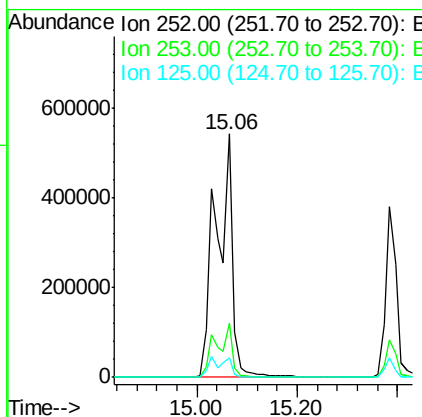
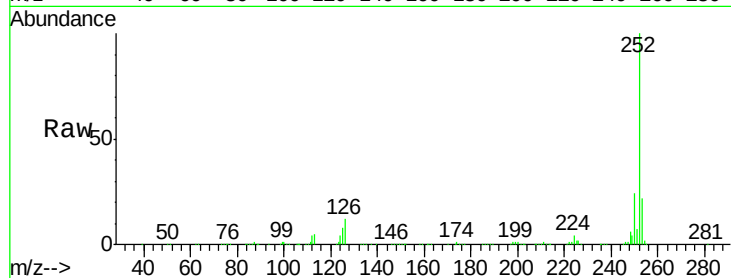




#87
Benzo(b)fluoranthene
Concen: 74.20 ng
RT: 15.06 min Scan# 1131
Delta R.T. 0.03 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

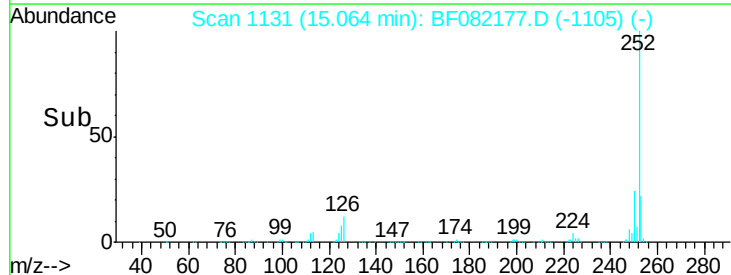
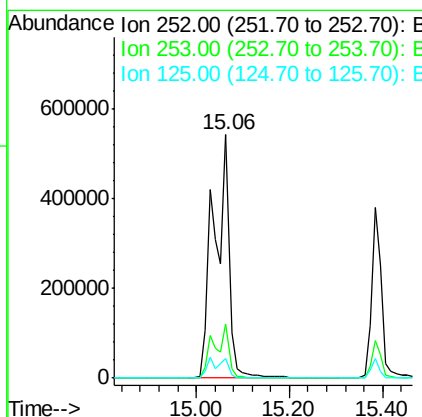
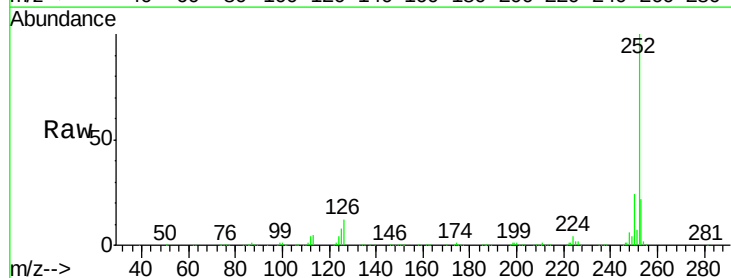
Instrument :
BNA_F
ClientSampleId :
PB86038BS

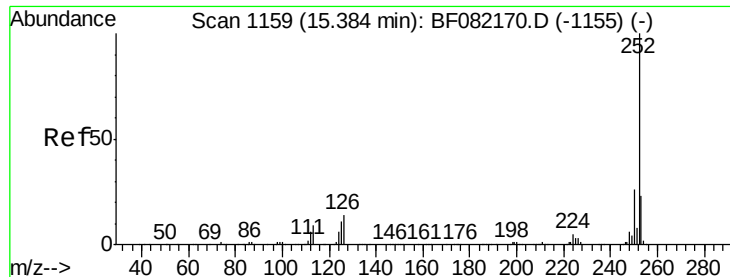
Tgt Ion:252 Resp: 1247060
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 8.1 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 88.37 ng
RT: 15.06 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion:252 Resp: 1248327
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 8.1 6.7 10.1





#89

Benzo(a)pyrene

Concen: 39.64 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS

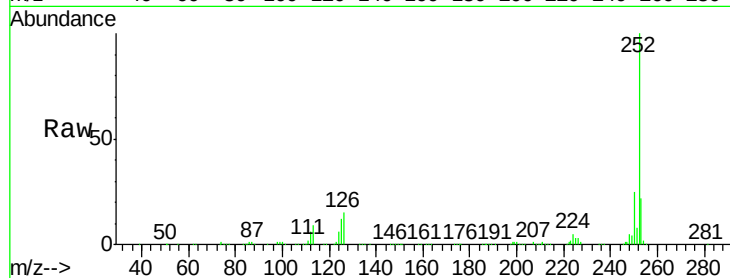
Tgt Ion:252 Resp: 572490

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

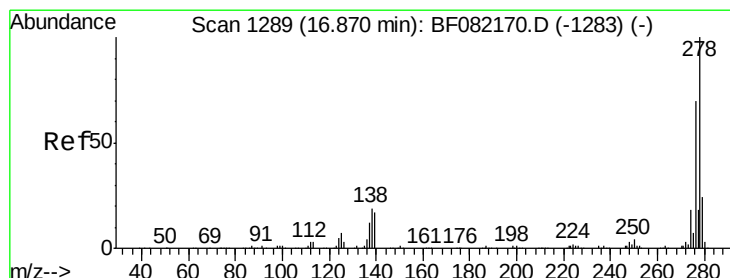
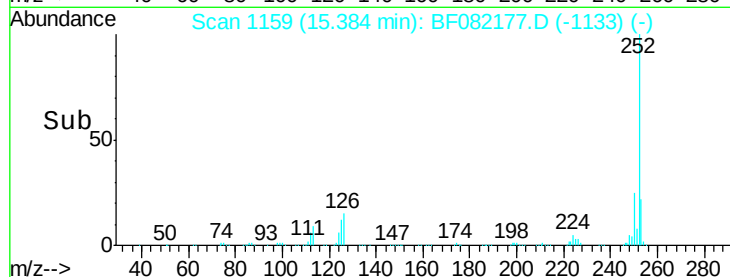
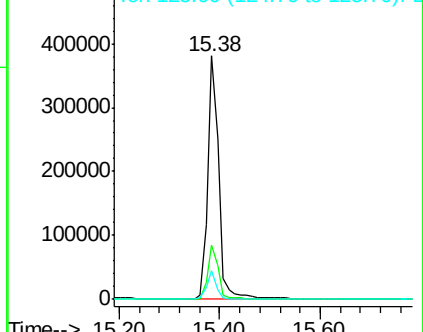
125 11.6 8.9 13.3



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: 40.09 ng

RT: 16.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

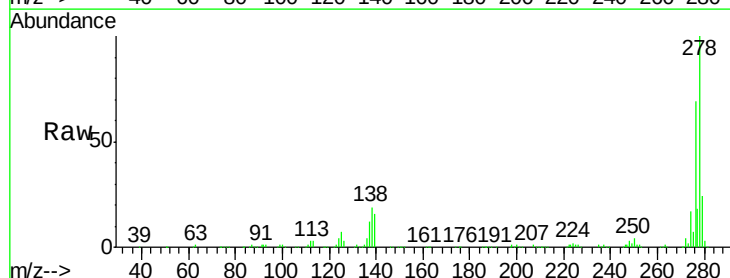
Tgt Ion:278 Resp: 474475

Ion Ratio Lower Upper

278 100

139 16.4 13.3 19.9

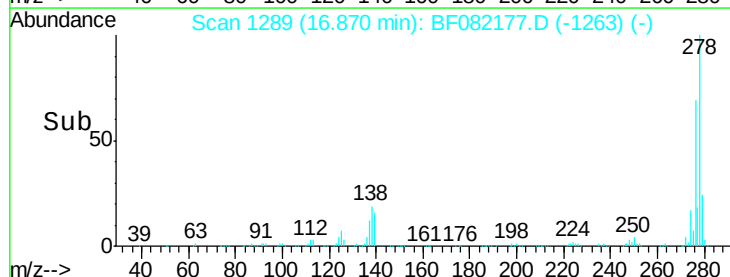
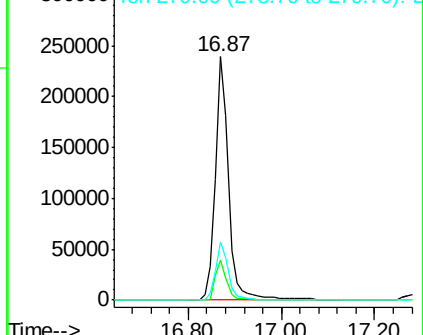
279 24.1 18.9 28.3

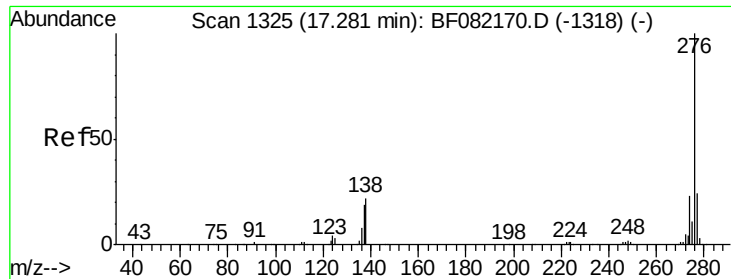


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.32 ng

RT: 17.28 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF082177.D

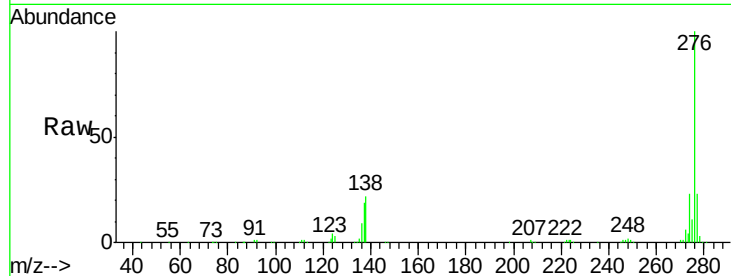
Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS



Tgt Ion:	276	Resp:	452135
Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.8	17.4	26.2

