

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082168.D
 Acq On : 10 Oct 2015 11:01
 Operator : UM/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:55:09 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 00:52:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	92433	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	395461	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	189145	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	371760	20.00	ng	0.00
75) Chrysene-d12	14.01	240	367293	20.00	ng	0.00
86) Perylene-d12	15.44	264	308256	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	95845	18.93	ng	0.00
7) Phenol-d6	6.47	99	129207	20.17	ng	-0.01
23) Nitrobenzene-d5	7.41	82	123196	20.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	38163	20.14	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	282174	23.58	ng	-0.01
78) Terphenyl-d14	12.95	244	294019	22.41	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	23009	10.40	ng	96
3) Pyridine	3.17	79	49606	8.78	ng	98
4) n-Nitrosodimethylamine	3.10	42	19022	7.36	ng	# 99
6) Aniline	6.50	93	78073	9.13	ng	94
8) 2-Chlorophenol	6.62	128	61525	10.91	ng	91
9) Benzaldehyde	6.39	77	32682	7.99	ng	92
10) Phenol	6.48	94	70664	9.80	ng	85
11) bis(2-Chloroethyl)ether	6.57	93	63763	11.21	ng	99
12) 1,3-Dichlorobenzene	6.78	146	69725	10.48	ng	96
13) 1,4-Dichlorobenzene	6.86	146	73731	10.60	ng	97
14) 1,2-Dichlorobenzene	7.01	146	74698	12.05	ng	94
15) Benzyl Alcohol	6.98	79	43282	9.42	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	90363	11.47	ng	100
17) 2-Methylphenol	7.10	107	45951	10.10	ng	95
18) Hexachloroethane	7.35	117	25269	11.49	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	44454	11.36	ng	# 85
20) 3+4-Methylphenols	7.25	107	59366	10.40	ng	# 85
22) Acetophenone	7.25	105	81639	10.16	ng	# 97
24) Nitrobenzene	7.42	77	62398	9.85	ng	97
25) Isophorone	7.66	82	118318	10.07	ng	96
26) 2-Nitrophenol	7.75	139	30146	9.61	ng	# 90
27) 2,4-Dimethylphenol	7.78	122	51559	9.63	ng	93
28) bis(2-Chloroethoxy)methane	7.87	93	70697	9.96	ng	97
29) 2,4-Dichlorophenol	7.99	162	51304	9.66	ng	94
30) 1,2,4-Trichlorobenzene	8.07	180	61506	10.43	ng	98
31) Naphthalene	8.15	128	185144	10.55	ng	98
32) Benzoic acid	7.86	122	28650	9.63	ng	93
33) 4-Chloroaniline	8.21	127	71500	9.47	ng	96
34) Hexachlorobutadiene	8.26	225	39572	11.28	ng	95
35) Caprolactam	8.55	113	14509	9.81	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	49199	9.59	ng	93
37) 2-Methylnaphthalene	8.83	142	120701	10.09	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	61791	10.73	ng	98
40) Hexachlorocyclopentadiene	8.98	237	13835	4.82	ng	98

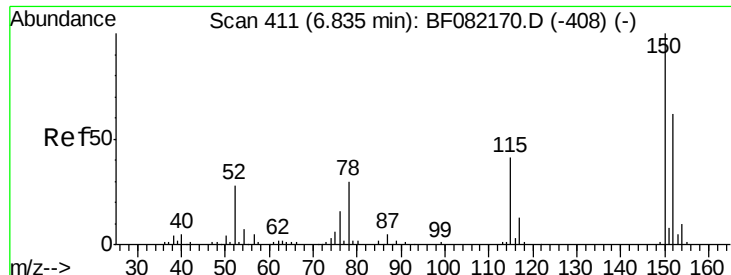
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082168.D
 Acq On : 10 Oct 2015 11:01
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	40555	10.38	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	43139	10.58	nq #	88
45) 1,1'-Biphenyl	9.30	154	167928	11.59	nq	95
46) 2-Chloronaphthalene	9.33	162	126810	11.13	nq	95
47) 2-Nitroaniline	9.43	65	33105	9.92	nq #	85
48) Acenaphthylene	9.74	152	196822	10.74	nq	99
49) Dimethylphthalate	9.60	163	144043	11.17	nq	99
50) 2,6-Dinitrotoluene	9.67	165	31246	10.93	nq	92
51) Acenaphthene	9.91	154	111301	10.21	nq	99
52) 3-Nitroaniline	9.84	138	34367	10.56	nq	91
53) 2,4-Dinitrophenol	9.95	184	9359	8.97	nq	95
54) Dibenzofuran	10.09	168	163973	10.63	nq	92
55) 4-Nitrophenol	10.01	139	14346	6.26	nq	97
56) 2,4-Dinitrotoluene	10.07	165	40362	11.20	nq	96
57) Fluorene	10.42	166	135759	11.08	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	36166	11.21	nq	94
59) Diethylphthalate	10.30	149	141909	11.67	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	66908	11.91	nq	89
61) 4-Nitroaniline	10.46	138	32525	9.87	nq	98
62) Azobenzene	10.58	77	134816	11.36	nq	88
64) 4,6-Dinitro-2-methylphenol	10.48	198	18082	10.55	nq	98
65) n-Nitrosodiphenylamine	10.54	169	121699	10.83	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	41819	11.15	nq #	86
67) Hexachlorobenzene	10.97	284	42980	10.26	nq #	75
68) Atrazine	11.06	200	36837	10.63	nq	97
69) Pentachlorophenol	11.17	266	19752	8.30	nq	97
70) Phenanthrene	11.39	178	201022	10.33	nq	97
71) Anthracene	11.44	178	223532	11.73	nq	99
72) Carbazole	11.60	167	188353	11.05	nq	99
73) Di-n-butylphthalate	11.93	149	240536	12.34	nq #	97
74) Fluoranthene	12.57	202	212834	10.56	nq	95
76) Benzidine	12.71	184	122759	11.29	nq	97
77) Pyrene	12.80	202	220492	10.19	nq	96
79) Butylbenzylphthalate	13.43	149	103217	12.38	nq	89
80) Benzo(a)anthracene	14.00	228	193946	9.89	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	75376	11.31	nq #	97
82) Chrysene	14.04	228	218904	11.65	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	144057	13.27	nq #	99
84) Di-n-octyl phthalate	14.60	149	249759	14.09	nq	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	177186	11.60	nq	99
87) Benzo(b)fluoranthene	15.03	252	185239	10.28	nq #	96
88) Benzo(k)fluoranthene	15.03	252	185239	11.61	nq	98
89) Benzo(a)pyrene	15.38	252	170121	11.09	nq #	95
90) Dibenzo(a,h)anthracene	16.86	278	144468	11.27	nq	100
91) Benzo(g,h,i)perylene	17.27	276	141062	10.84	nq	98

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

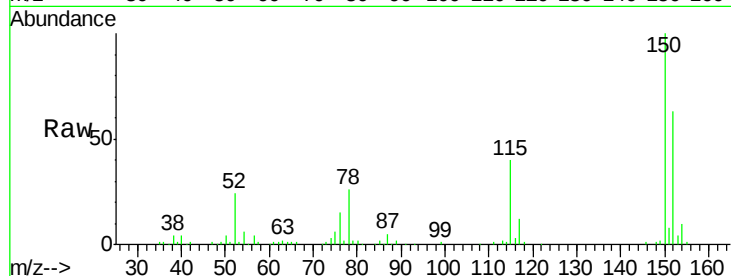


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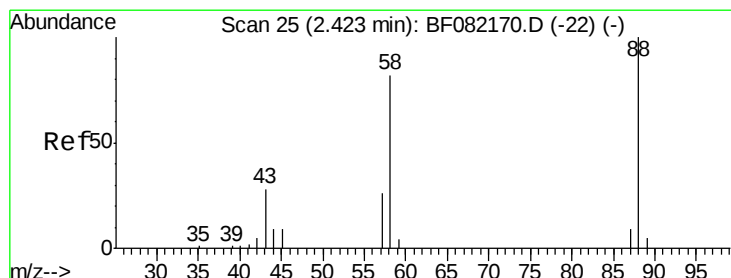
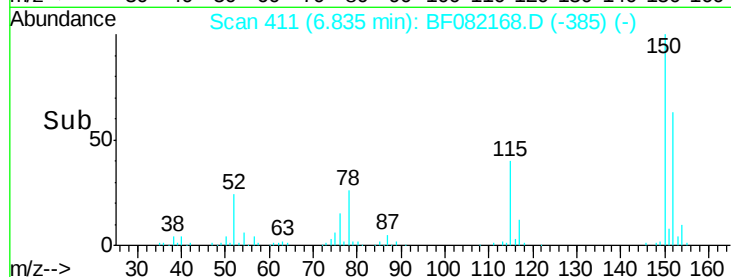
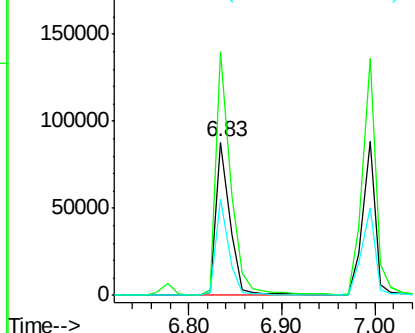
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92433
Ion Ratio Lower Upper
152 100
150 159.3 129.0 193.4
115 63.3 52.1 78.1



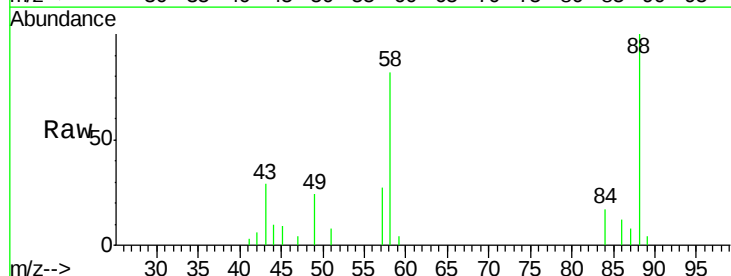
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



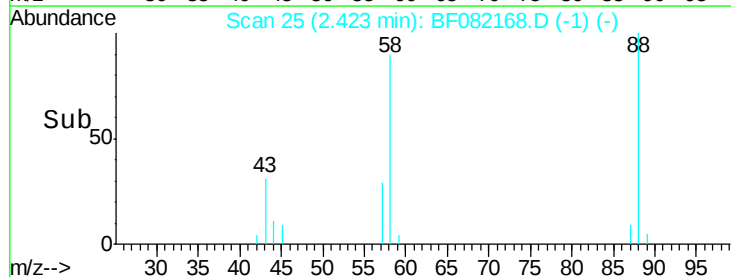
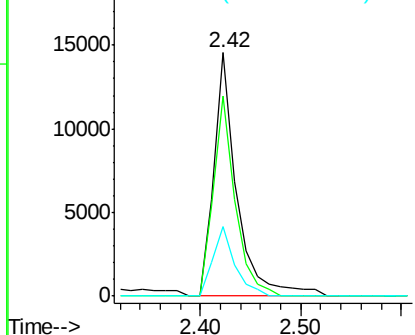
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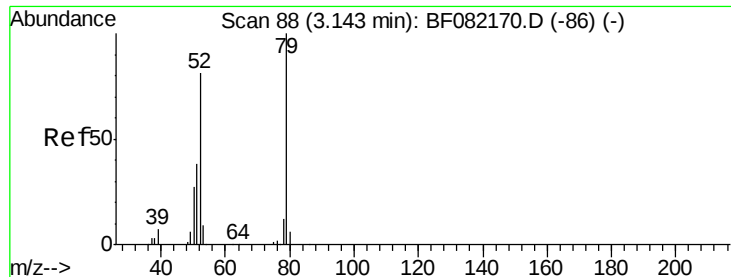
1,4-Dioxane
Concen: 10.40 ng
RT: 2.42 min Scan# 25
Delta R.T. -0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion: 88 Resp: 23009
Ion Ratio Lower Upper
88 100
58 78.2 66.2 99.4
43 27.5 23.0 34.4



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





#3

Pvridine

Concen: 8.78 ng

RT: 3.17 min Scan# 90

Delta R.T. 0.02 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampleId :

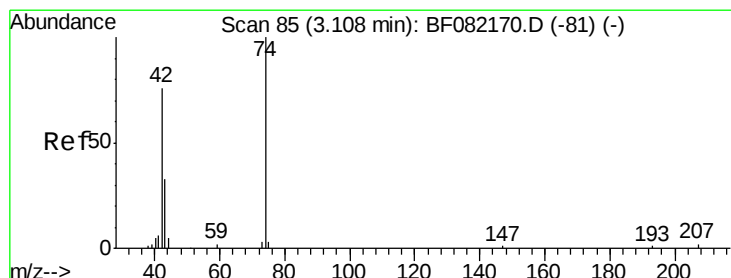
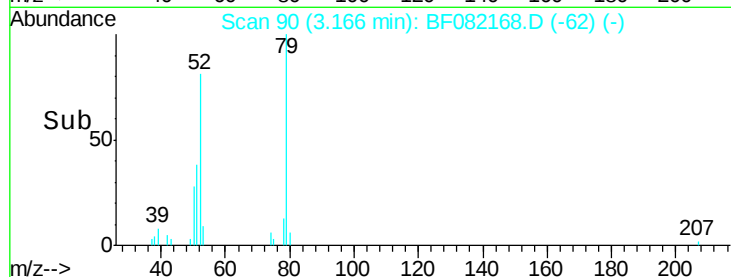
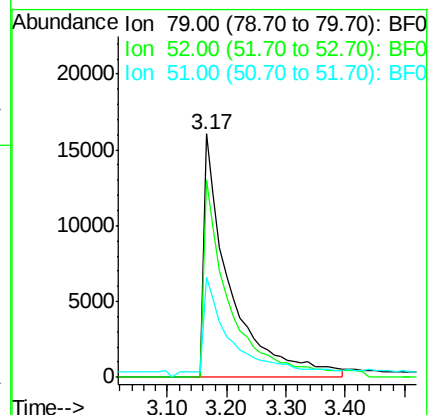
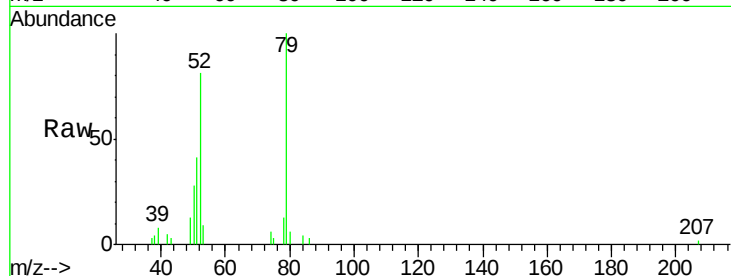
Tot Ion: 79 Resp: 49606

Ion Ratio Lower Upper

79 100

52 81.3 64.4 96.6

51 41.0 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 7.36 ng

RT: 3.10 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

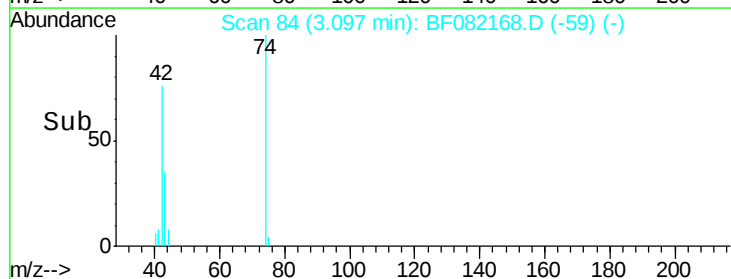
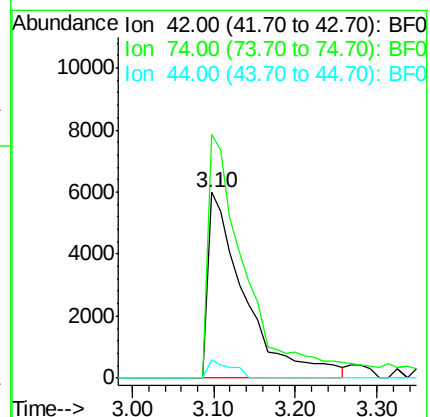
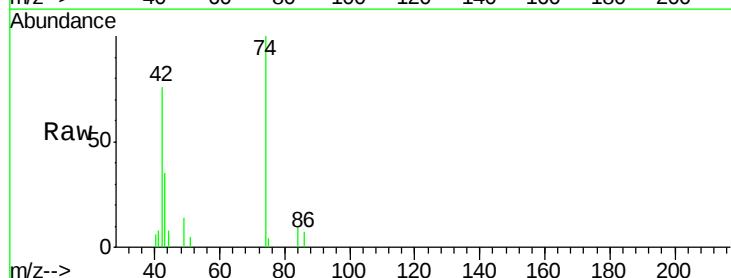
Tgt Ion: 42 Resp: 19022

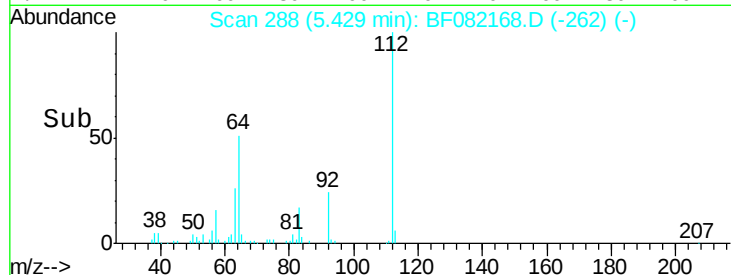
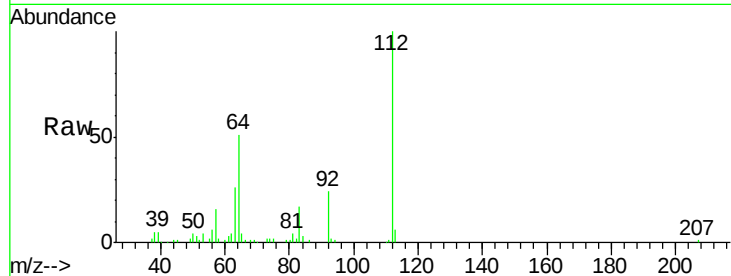
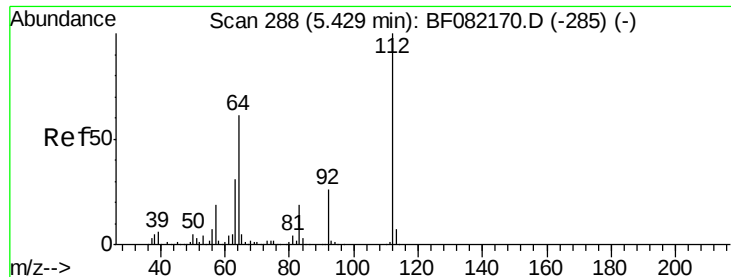
Ion Ratio Lower Upper

42 100

74 131.1 105.7 158.5

44 9.9 5.4 8.2#

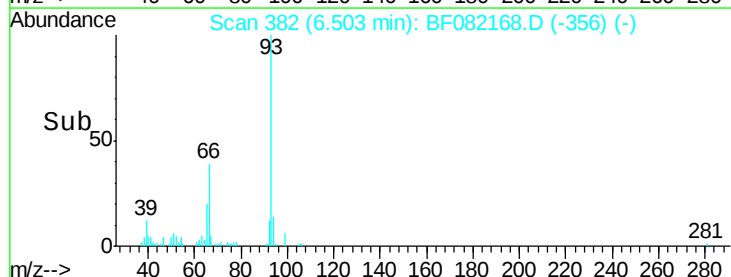
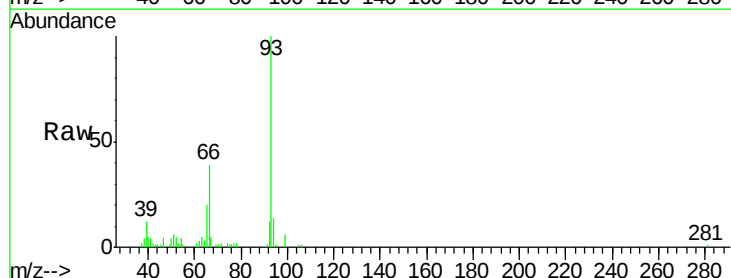
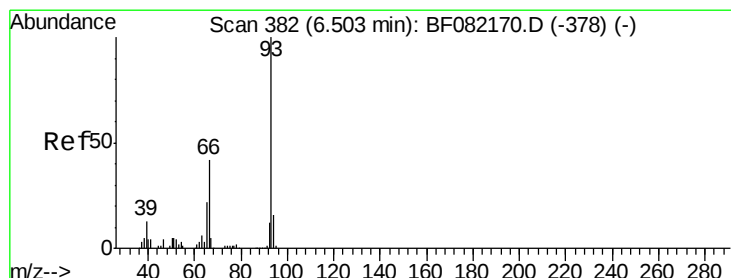
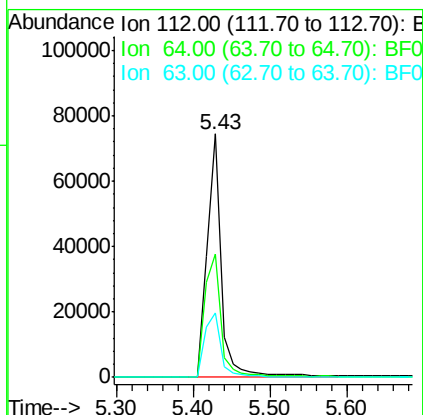




#5
2-Fluorophenol
Concen: 18.93 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

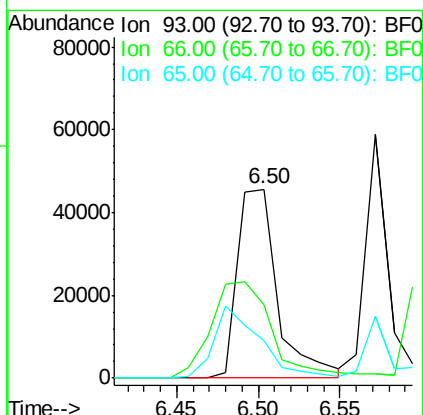
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	50.8	48.6	73.0
63	26.4	25.1	37.7



#6
Aniline
Concen: 9.13 ng
RT: 6.50 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.0	34.2	51.2
65	20.0	17.9	26.9





#7

Phenol-d6

Concen: 20.17 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampled :

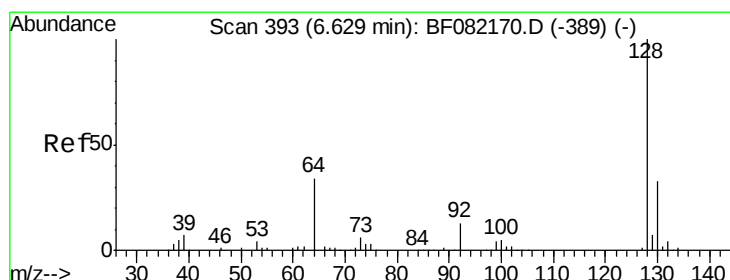
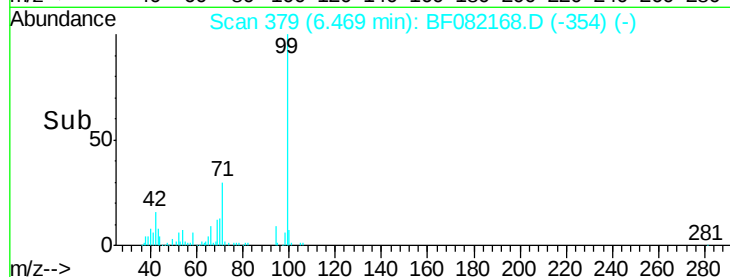
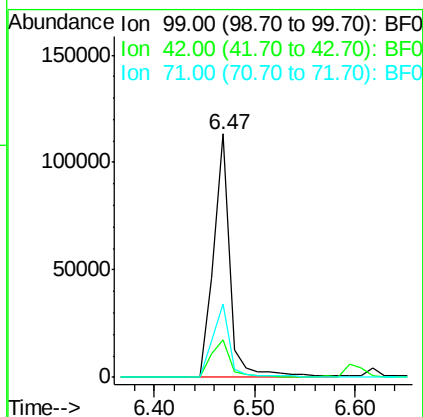
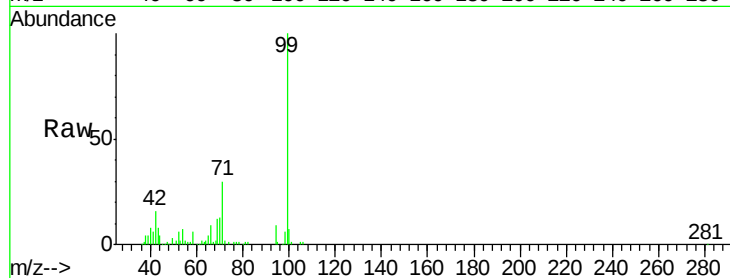
Tot Ion: 99 Resp: 129207

Ion Ratio Lower Upper

99 100

42 15.5 13.2 19.8

71 30.3 25.6 38.4



#8

2-Chlorophenol

Concen: 10.91 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

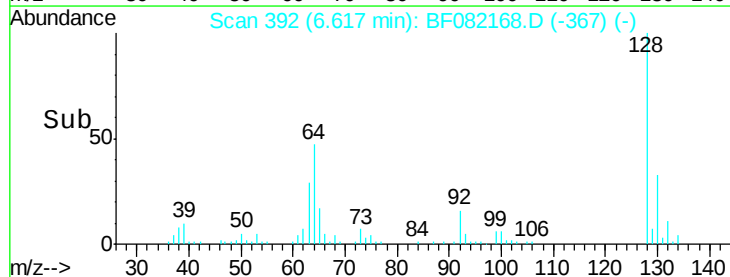
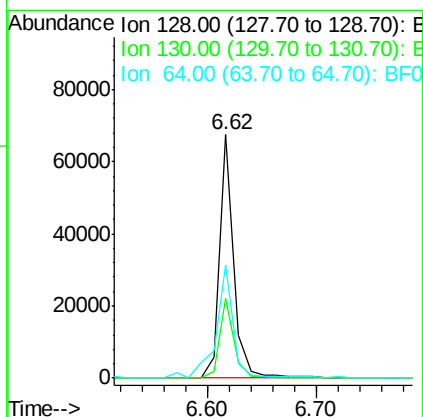
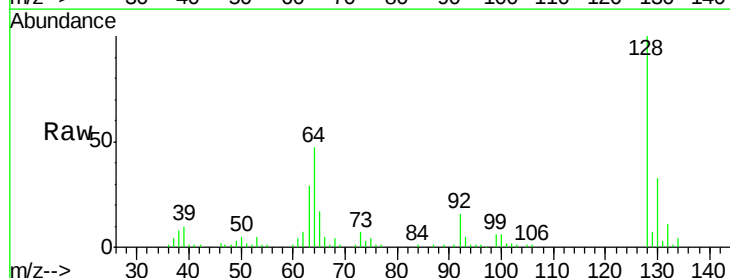
Tgt Ion: 128 Resp: 61525

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 46.6 16.7 56.7





#9

Benzaldehyd

Concen: 7.99 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampleId :

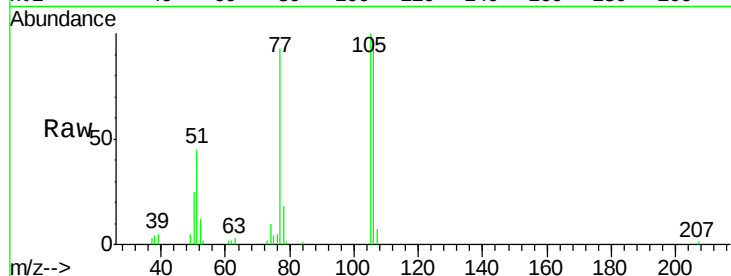
Tot Ion: 77 Resp: 32682

Ion Ratio Lower Upper

77 100

105 107.0 80.6 120.6

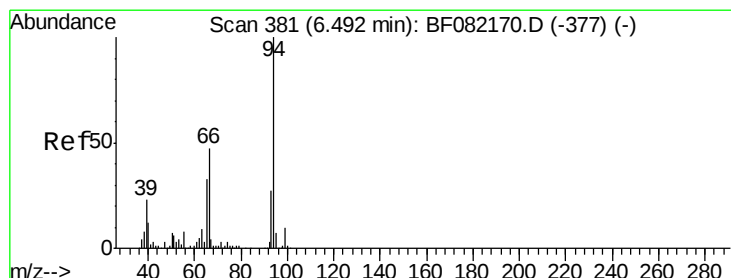
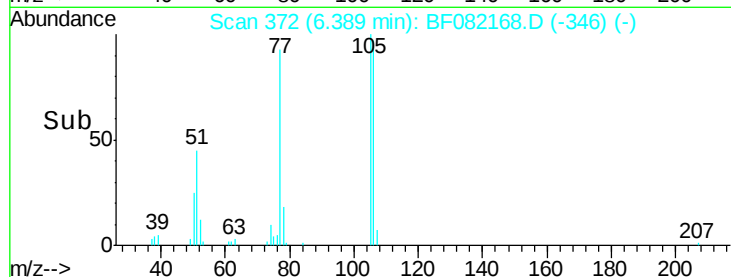
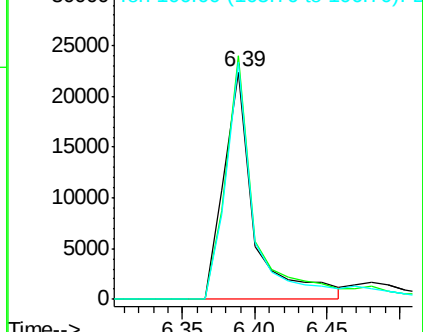
106 104.0 75.5 115.5



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: 9.80 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

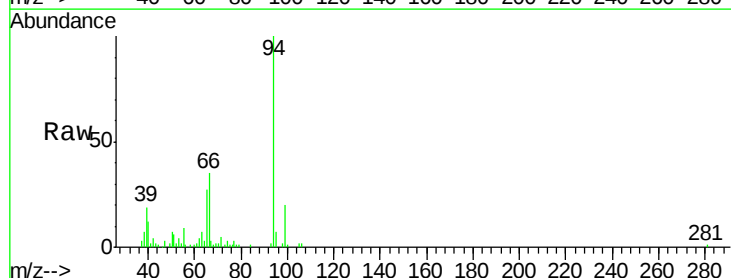
Tgt Ion: 94 Resp: 70664

Ion Ratio Lower Upper

94 100

65 26.9 12.6 52.6

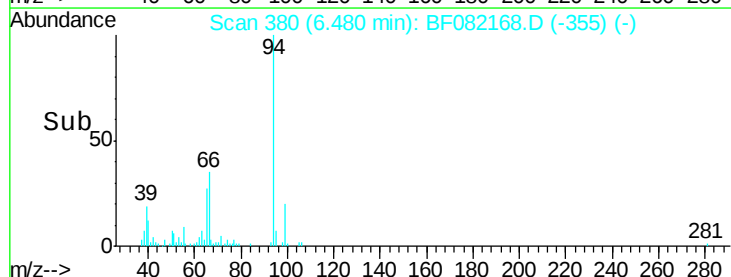
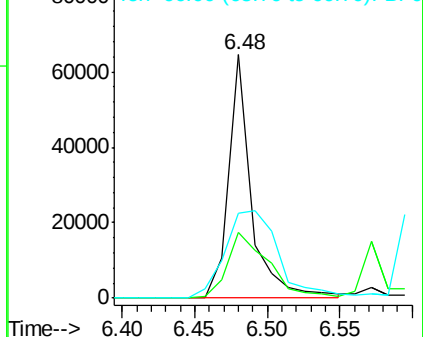
66 35.1 27.3 67.3

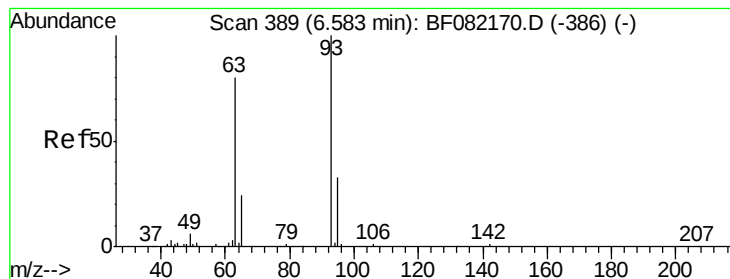


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

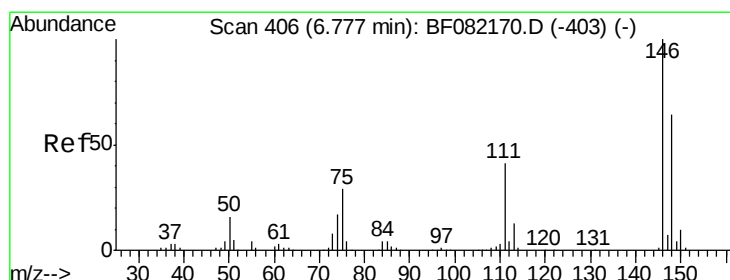
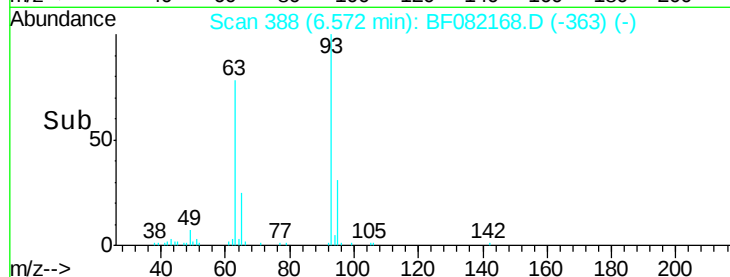
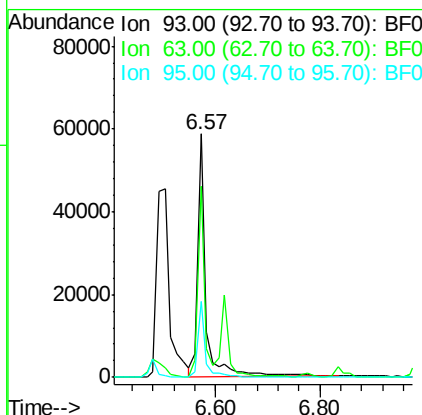
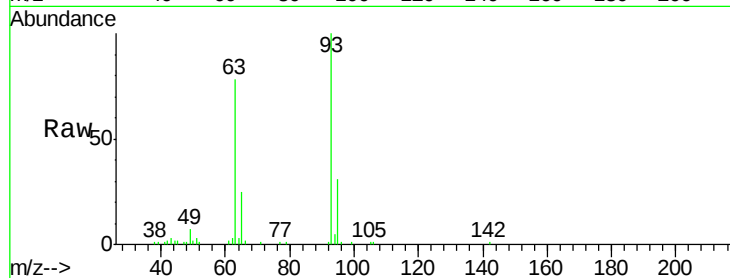




#11
bis(2-Chloroethyl)ether
Concen: 11.21 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

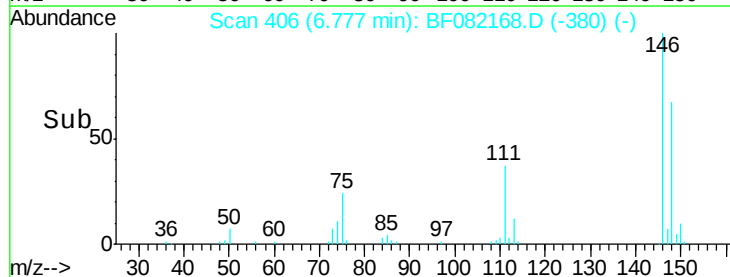
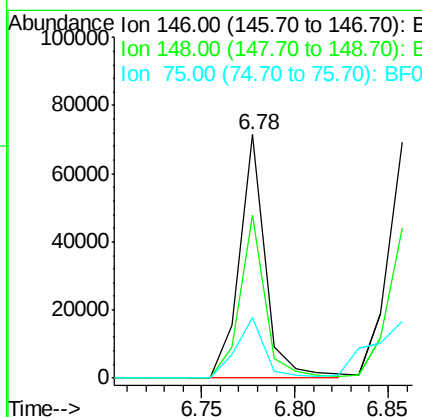
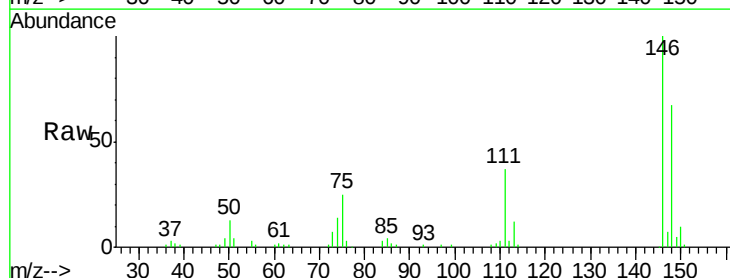
Instrument :
BNA_F
ClientSampleId :

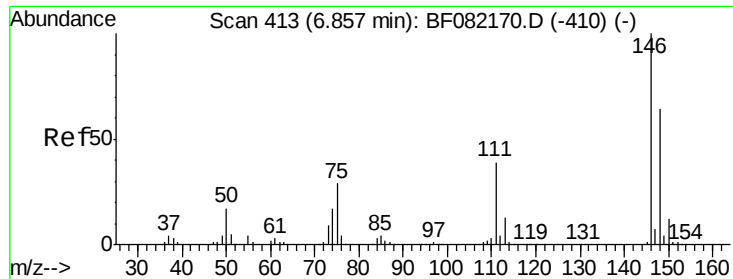
Tot Ion: 93 Resp: 63763
Ion Ratio Lower Upper
93 100
63 78.4 57.1 97.1
95 31.1 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 10.48 ng
RT: 6.78 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion: 146 Resp: 69725
Ion Ratio Lower Upper
146 100
148 66.7 51.4 77.2
75 24.7 23.0 34.6

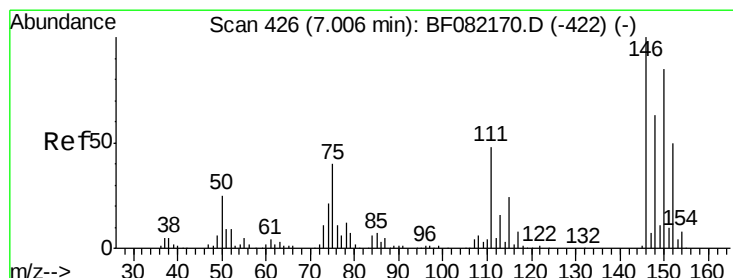
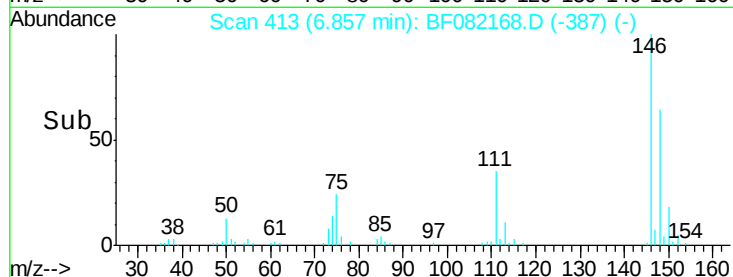
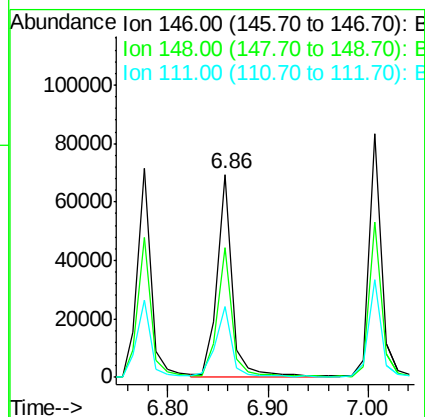
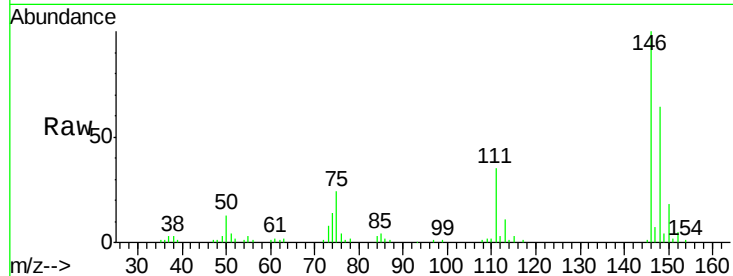




#13
 1,4-Dichlorobenzene
 Concen: 10.60 ng
 RT: 6.86 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

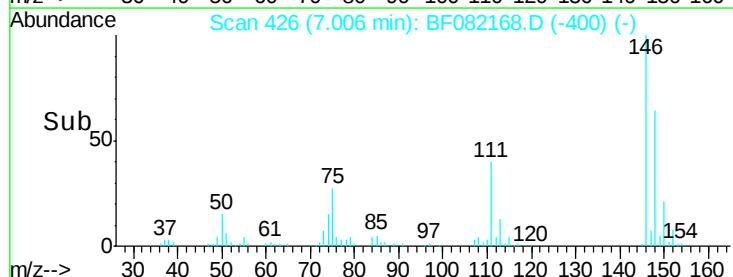
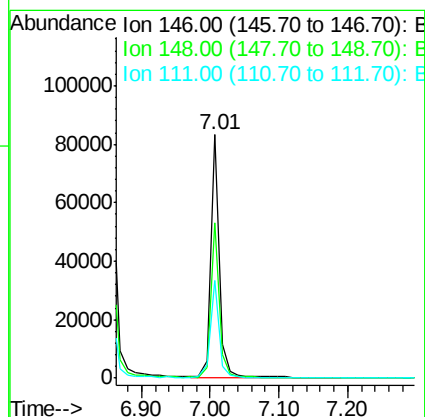
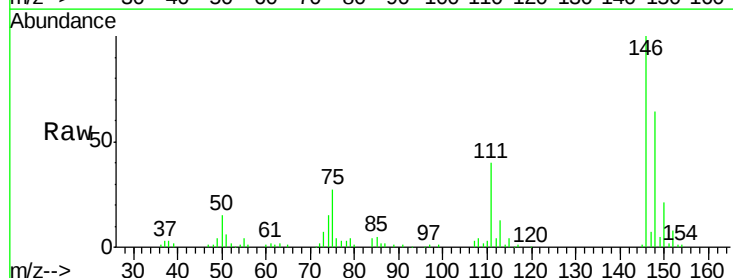
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 73731
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.4
 111 34.8 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 12.05 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Tgt Ion:146 Resp: 74698
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.5 75.7
 111 40.1 38.5 57.7

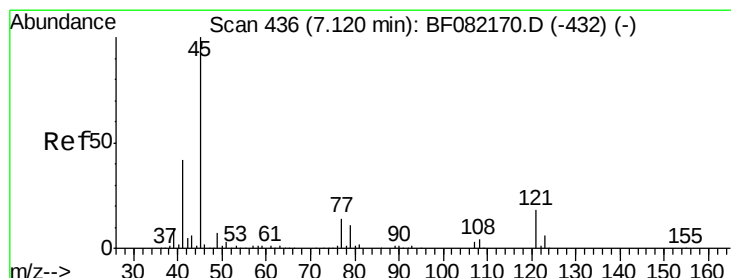
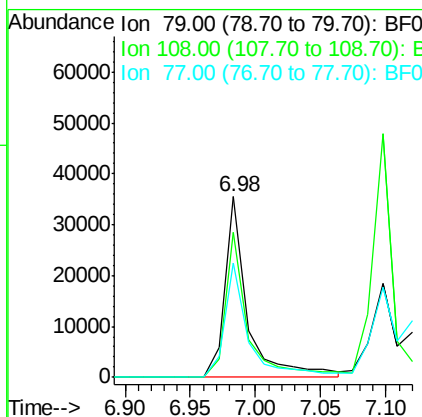
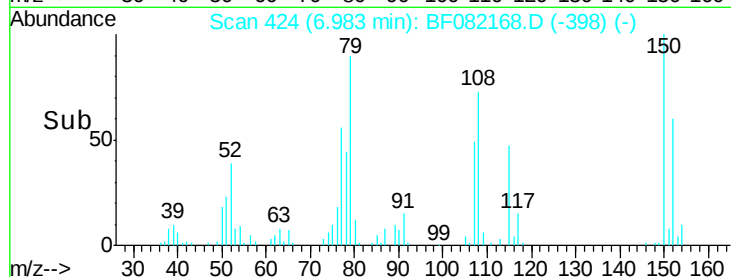
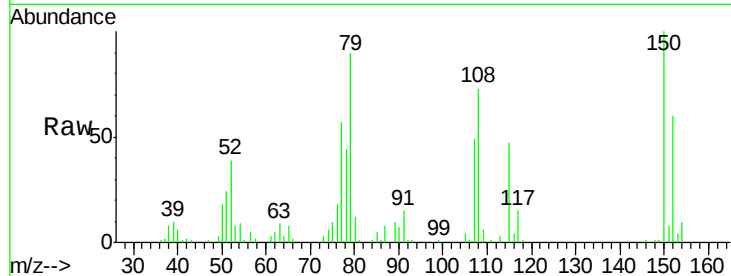




#15
Benzyl Alcohol
Concen: 9.42 ng
RT: 6.98 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

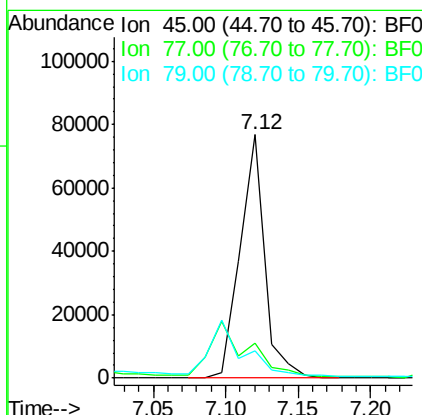
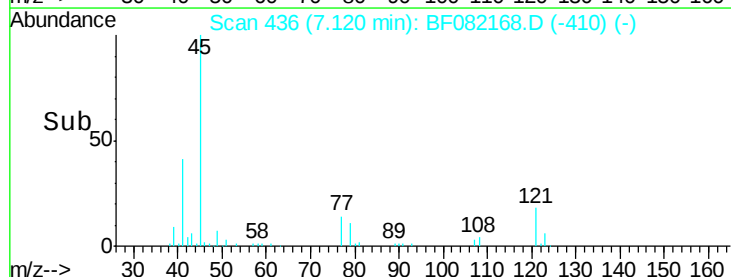
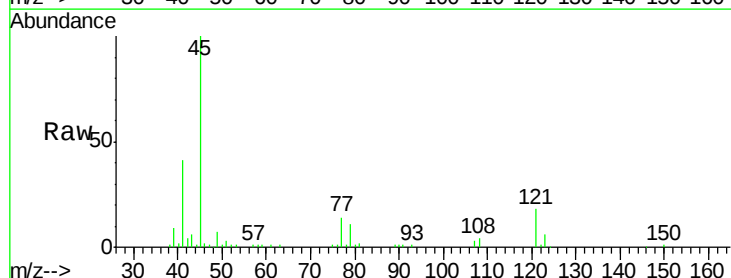
Instrument :
BNA_F
ClientSampleId :

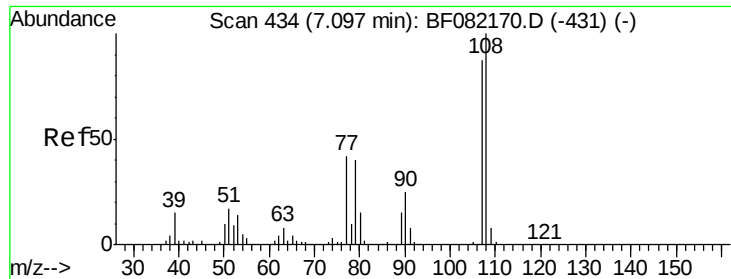
Tot Ion: 79 Resp: 43282
Ion Ratio Lower Upper
79 100
108 80.6 58.4 87.6
77 63.4 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.47 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion: 45 Resp: 90363
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.5
79 11.4 0.0 31.6

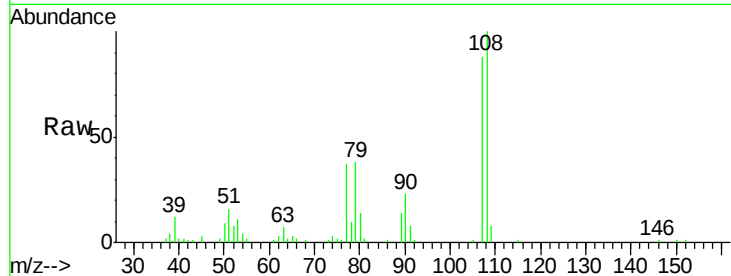




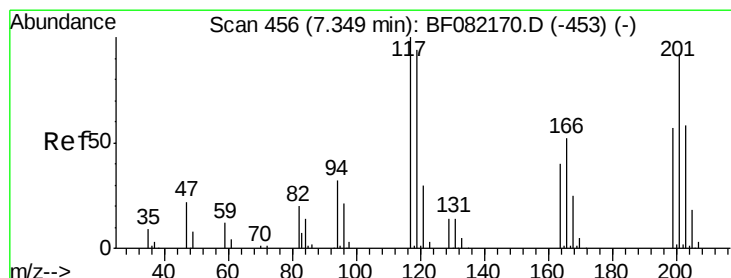
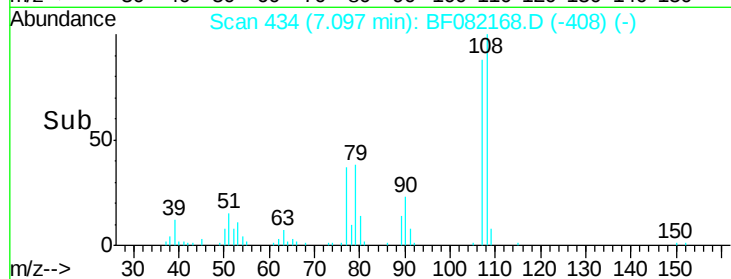
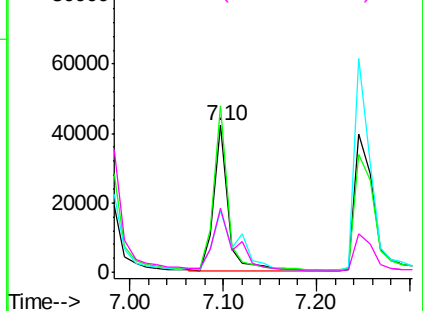
#17
2-Methylphenol
Concen: 10.10 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 45951
Ion Ratio Lower Upper
107 100
108 113.1 92.2 138.2
77 42.0 39.6 59.4
79 43.5 38.2 57.4

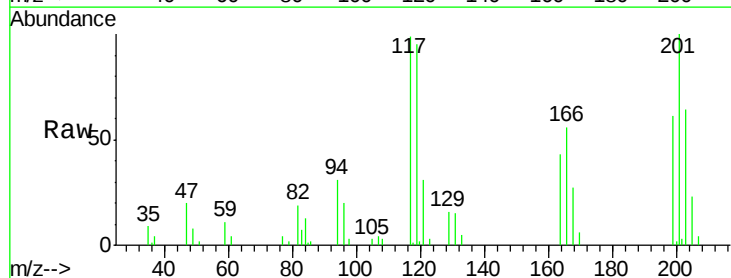


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

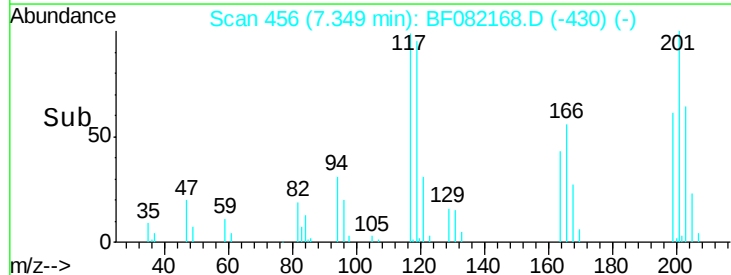
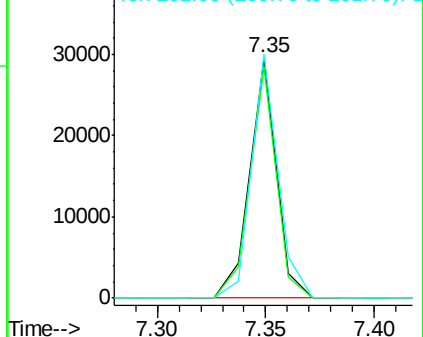


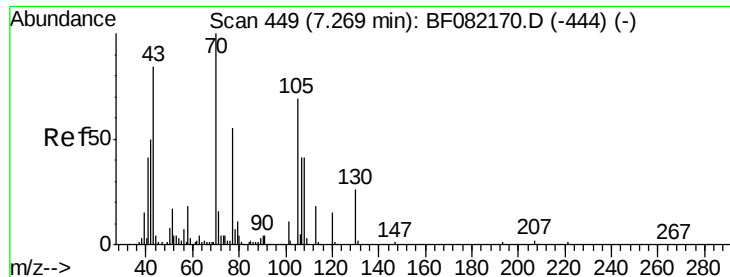
#18
Hexachloroethane
Concen: 11.49 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion:117 Resp: 25269
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.2
201 101.5 73.4 110.0



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

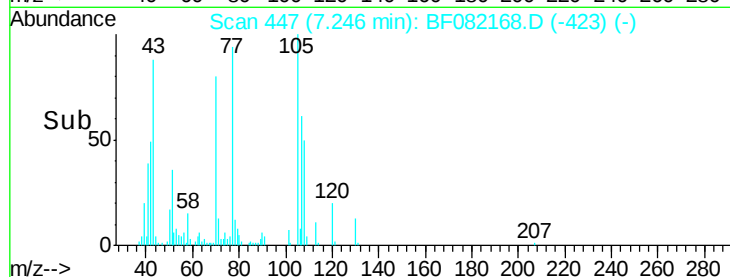
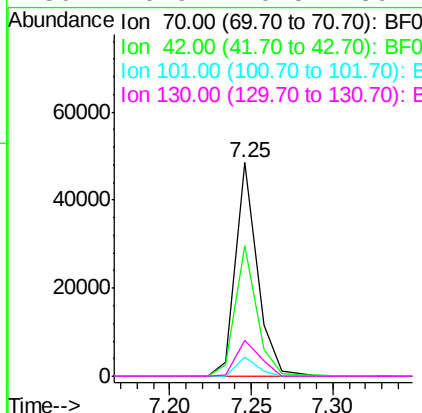
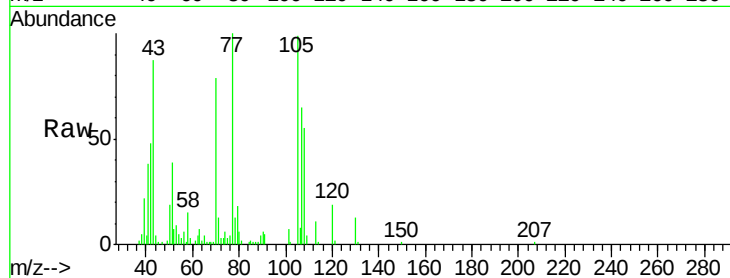




#19
n-Nitroso-di-n-propylamine
Concen: 11.36 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

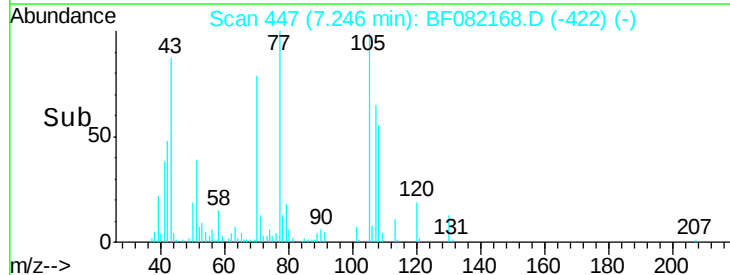
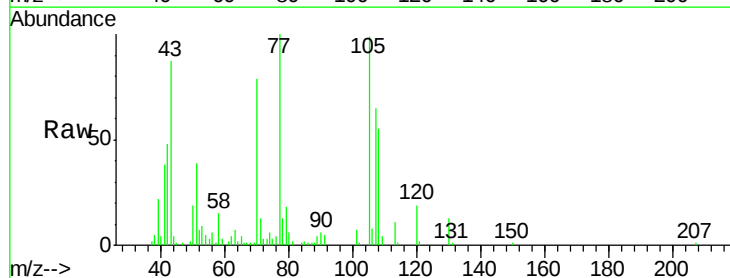
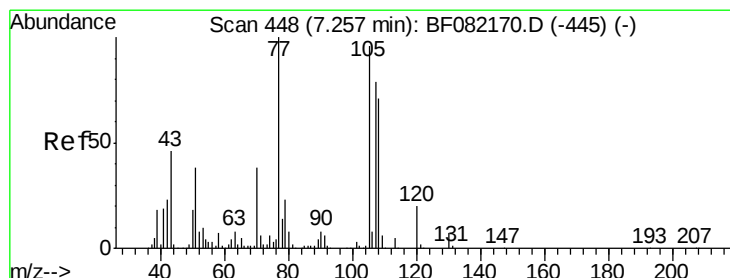
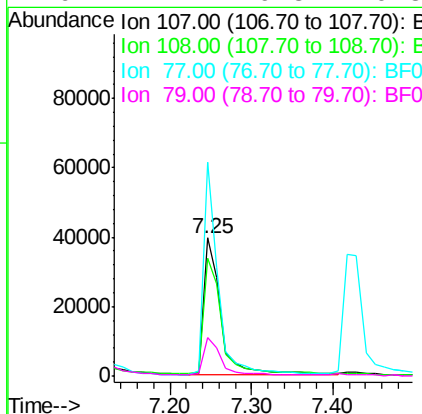
Instrument :
BNA_F
ClientSampleId :

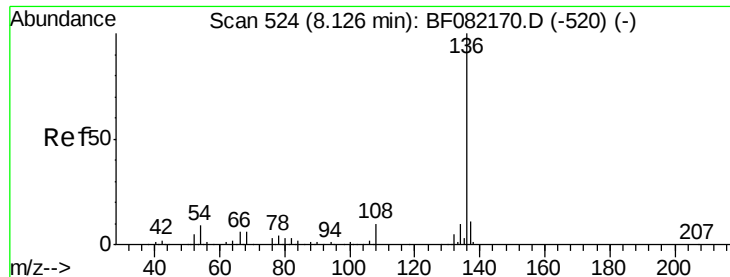
Tot Ion: 70 Resp: 44454
Ion Ratio Lower Upper
70 100
42 61.2 39.8 59.8#
101 9.0 8.6 13.0
130 16.9 20.5 30.7#



#20
3+4-Methylphenols
Concen: 10.40 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion: 107 Resp: 59366
Ion Ratio Lower Upper
107 100
108 85.4 69.9 109.9
77 154.7 106.0 146.0#
79 27.4 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: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 395461

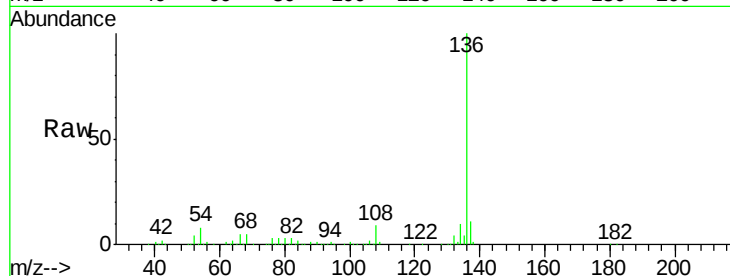
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 7.6 7.5 11.3

68 5.0 4.6 7.0

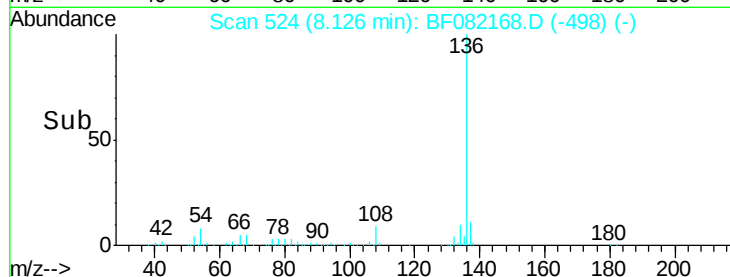


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Abundance

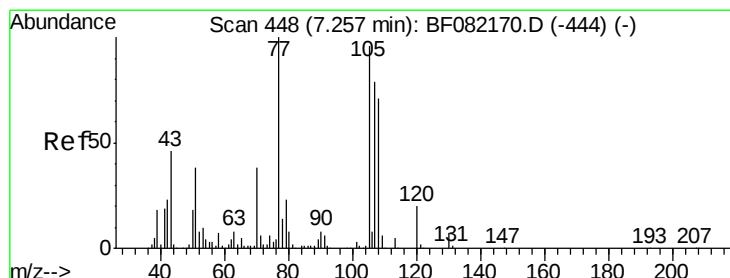
8.13

400000

200000

0

Time-->



#22

Acetophenone

Concen: 10.16 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Tgt Ion:105 Resp: 81639

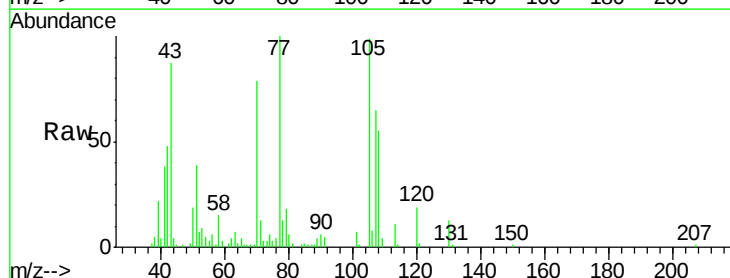
Ion Ratio Lower Upper

105 100

71 13.4 5.4 8.0#

51 39.6 31.8 47.6

120 19.5 16.3 24.5

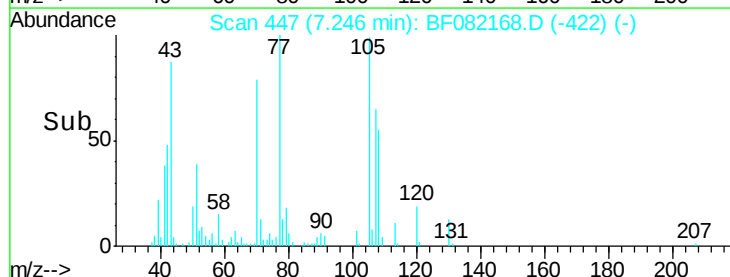


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Abundance

7.25

80000

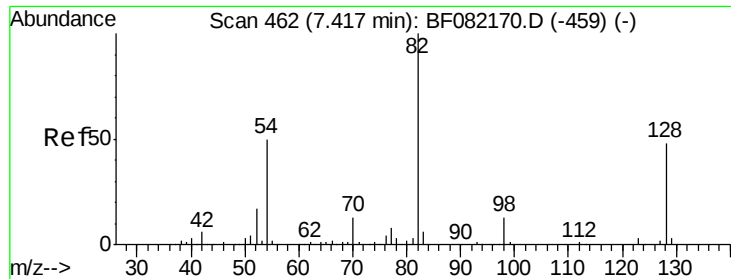
60000

40000

20000

0

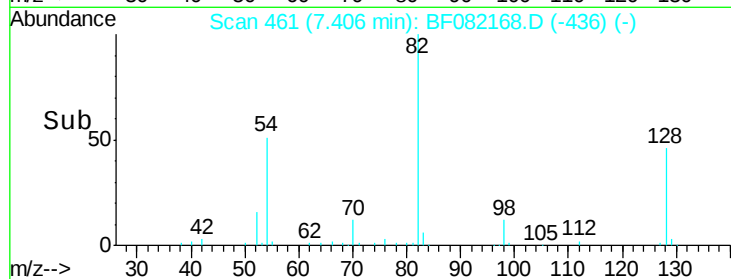
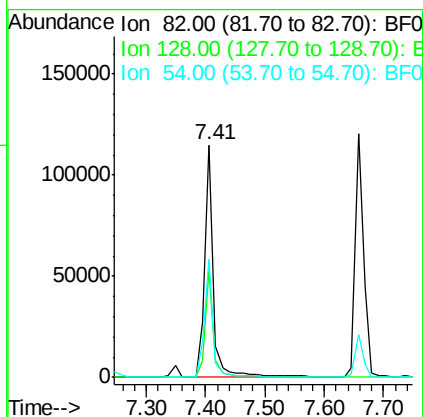
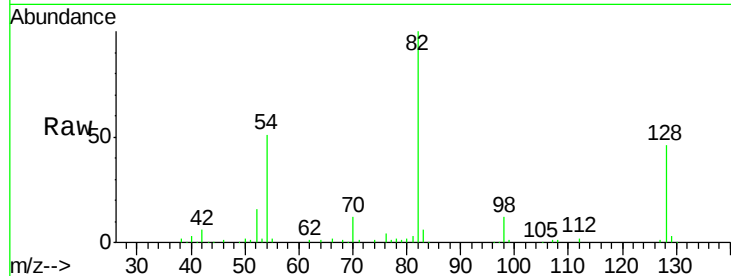
Time-->



#23
 Nitrobenzene-d5
 Concen: 20.66 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

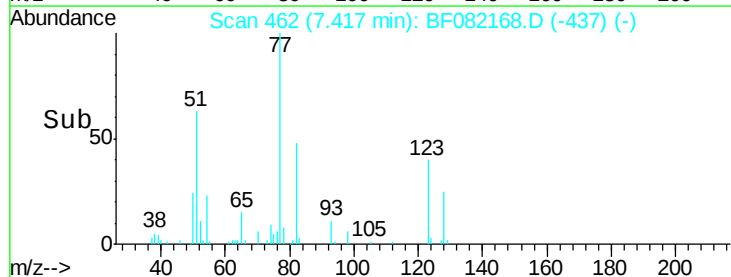
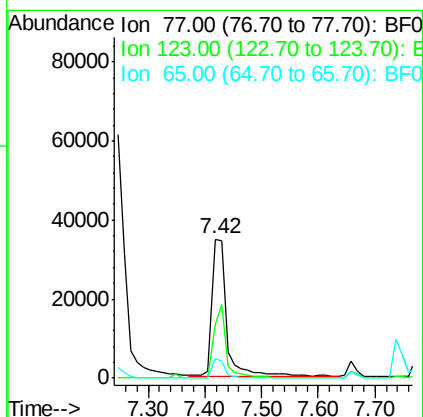
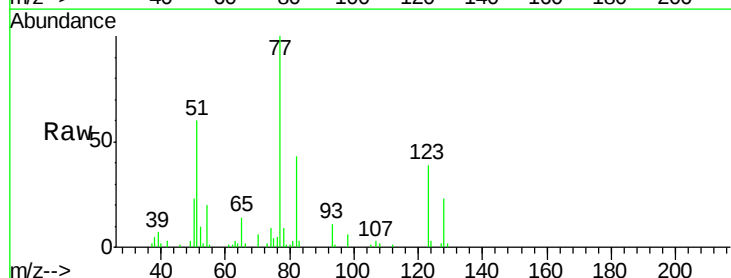
Instrument :
 BNA_F
 ClientSampleId :

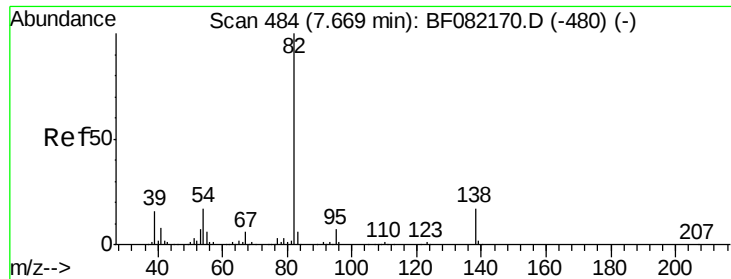
Tot Ion	82	Resp	123196
Ion Ratio	100	Lower	Upper
128	46.0	38.7	58.1
54	50.6	40.1	60.1



#24
 Nitrobenzene
 Concen: 9.85 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Tgt Ion	77	Resp	62398
Ion Ratio	100	Lower	Upper
123	39.0	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 10.07 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampleId :

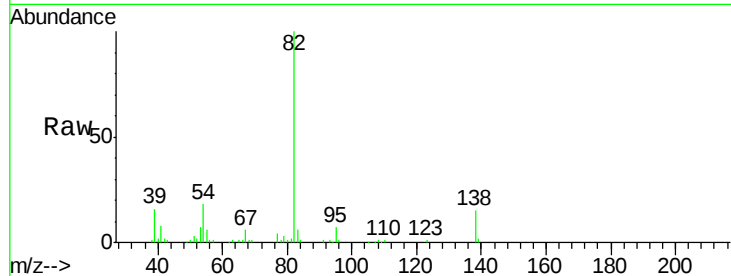
Tot Ion: 82 Resp: 118318

Ion Ratio Lower Upper

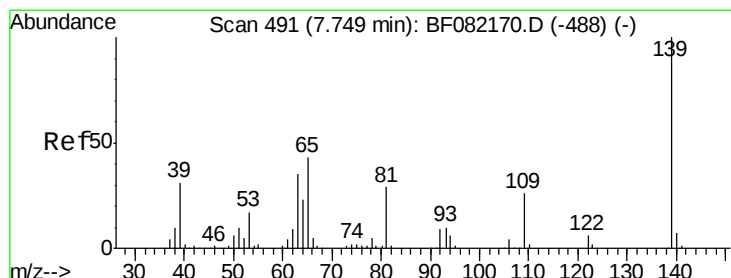
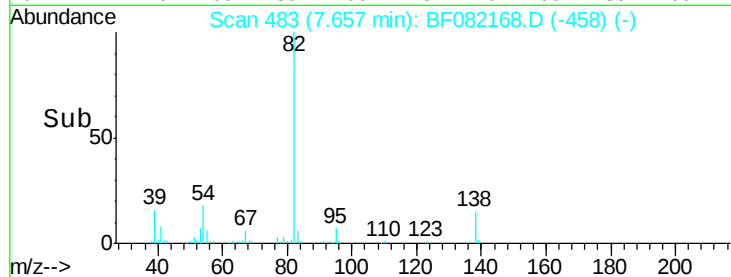
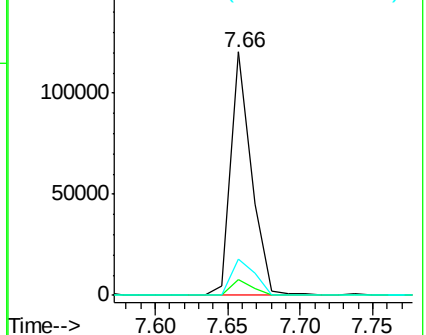
82 100

95 6.6 5.6 8.4

138 15.0 13.6 20.4



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



#26

2-Nitrophenol

Concen: 9.61 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

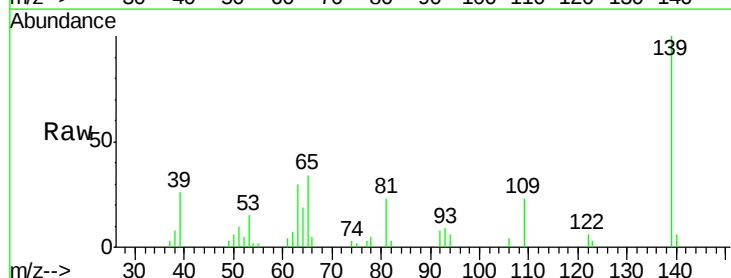
Tgt Ion: 139 Resp: 30146

Ion Ratio Lower Upper

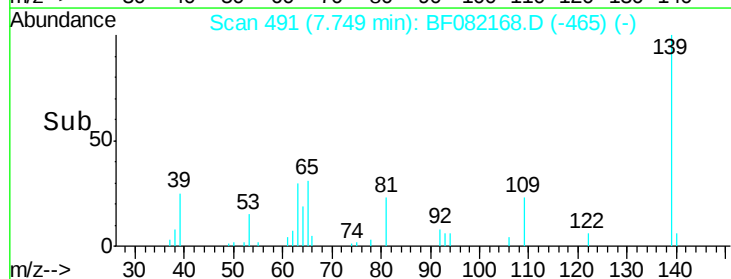
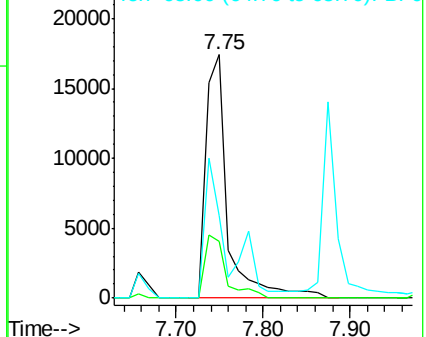
139 100

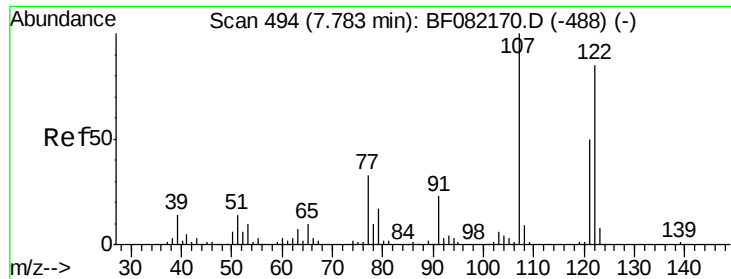
109 23.4 20.6 31.0

65 34.0 34.3 51.5#



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

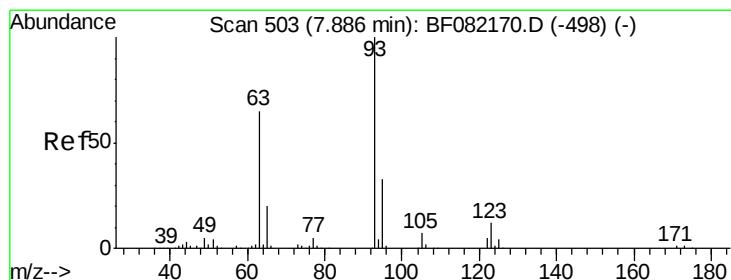
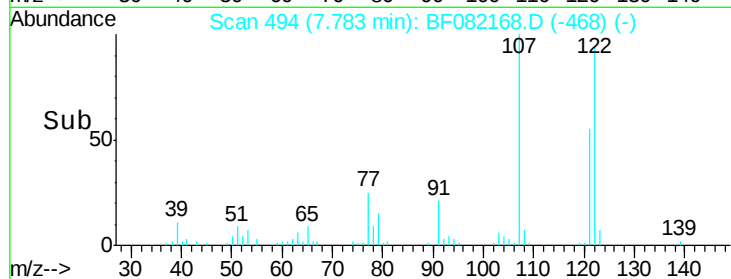
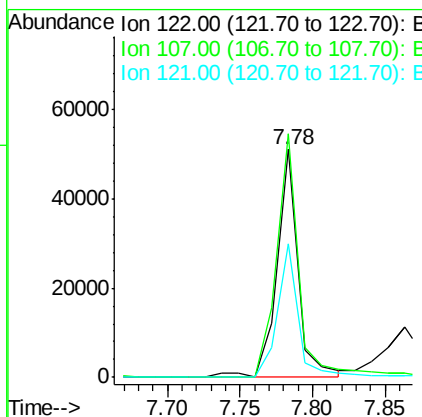
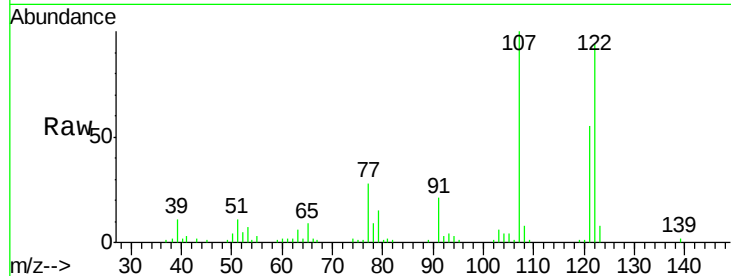




#27
 2,4-Dimethylphenol
 Concen: 9.63 ng
 RT: 7.78 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

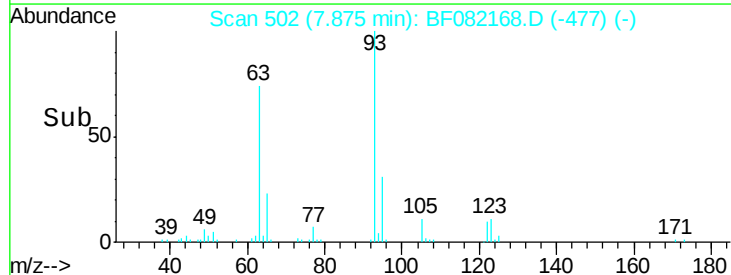
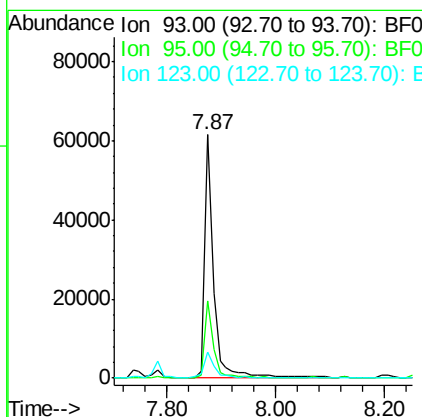
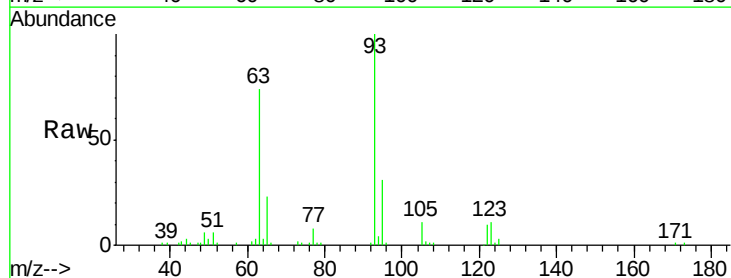
Instrument :
 BNA_F
 ClientSampleId :

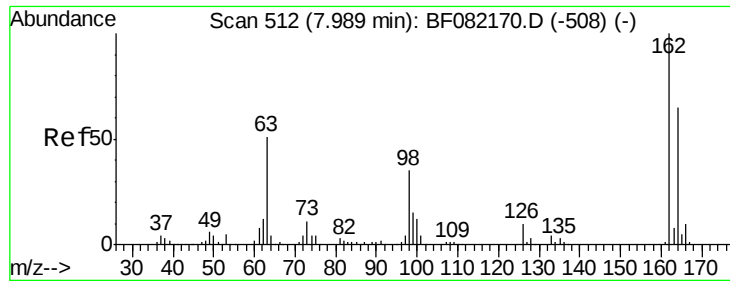
Tot Ion:122 Resp: 51559
 Ion Ratio Lower Upper
 122 100
 107 106.8 94.0 141.0
 121 58.3 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.96 ng
 RT: 7.87 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Tgt Ion: 93 Resp: 70697
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.6 39.8
 123 10.6 9.5 14.3

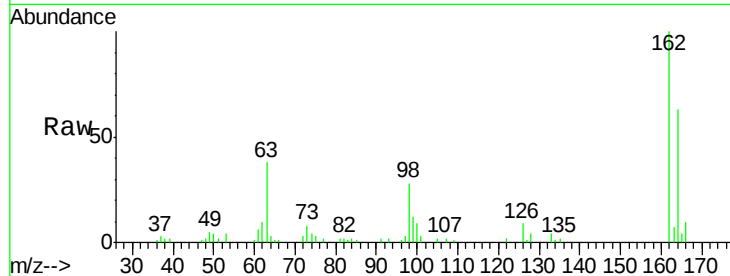




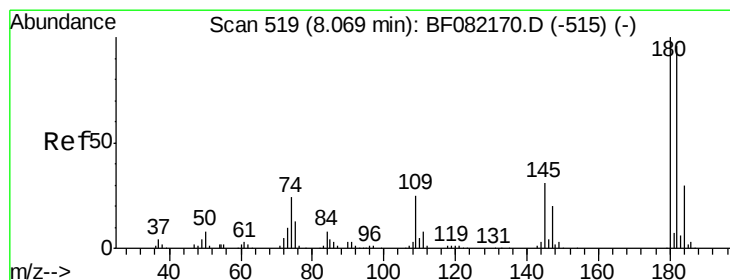
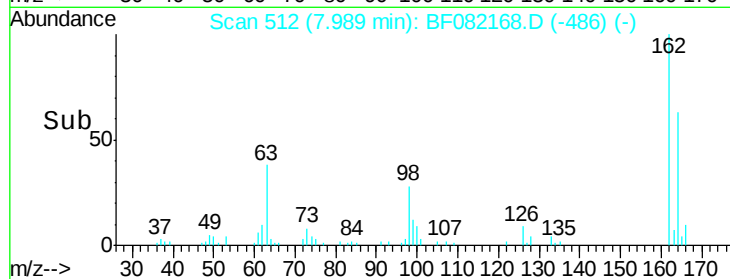
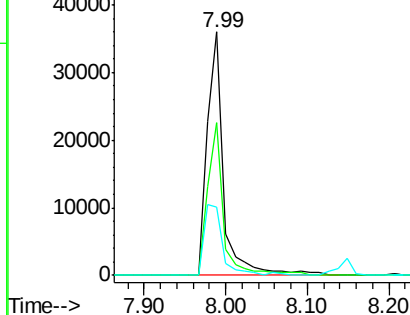
#29
 2,4-Dichlorophenol
 Concen: 9.66 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 51304
 Ion Ratio Lower Upper
 162 100
 164 62.9 44.6 84.6
 98 28.0 15.0 55.0

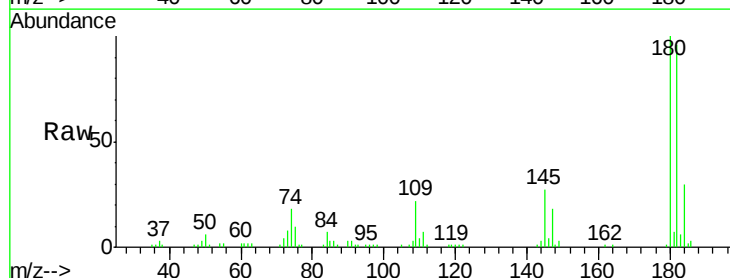


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

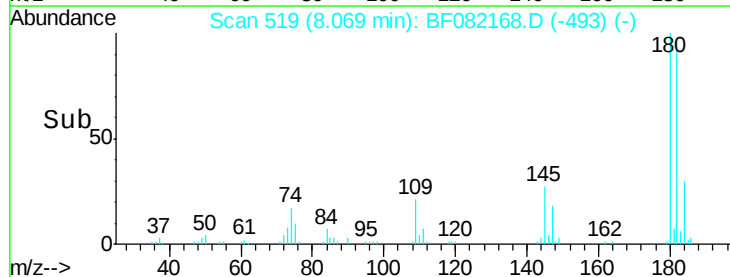
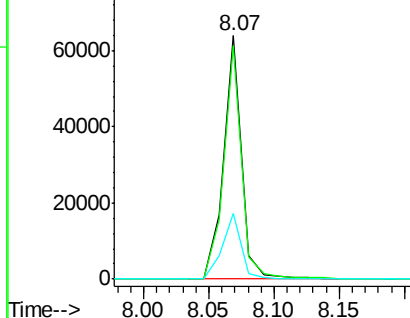


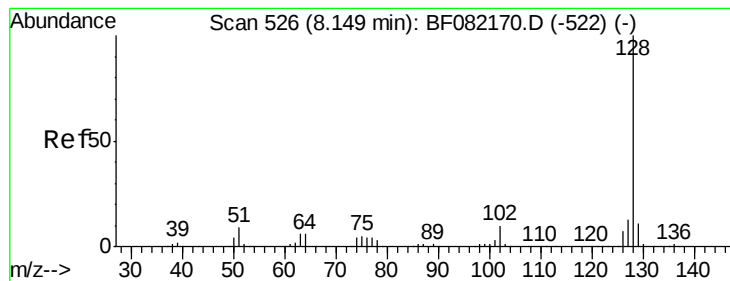
#30
 1,2,4-Trichlorobenzene
 Concen: 10.43 ng
 RT: 8.07 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Tgt Ion:180 Resp: 61506
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.0 115.4
 145 27.1 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: 10.55 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampleId :

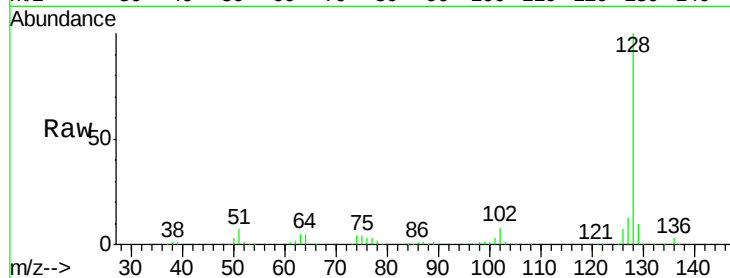
Tot Ion:128 Resp: 185144

Ion Ratio Lower Upper

128 100

129 10.5 9.1 13.7

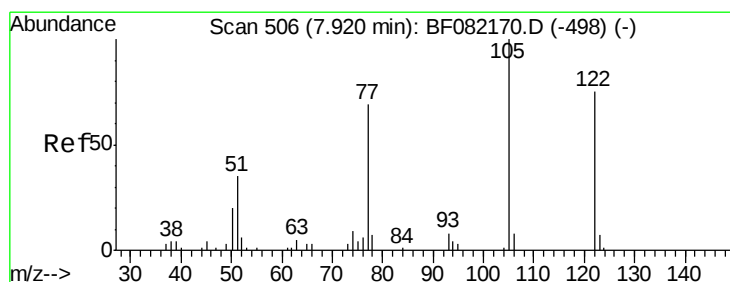
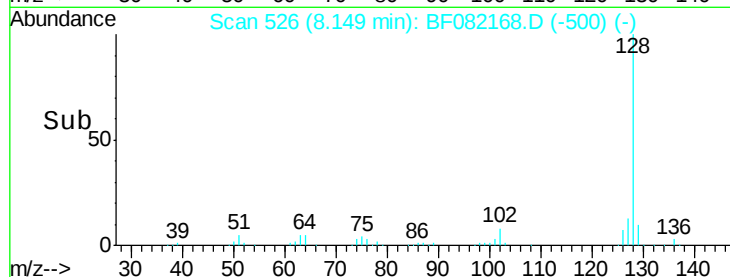
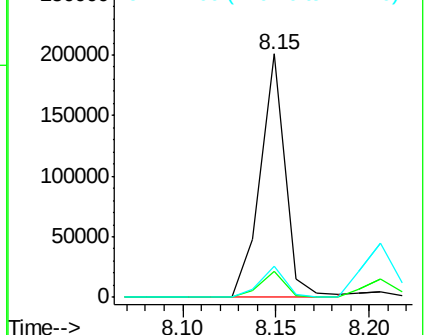
127 12.9 10.7 16.1



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: 9.63 ng

RT: 7.86 min Scan# 501

Delta R.T. -0.06 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

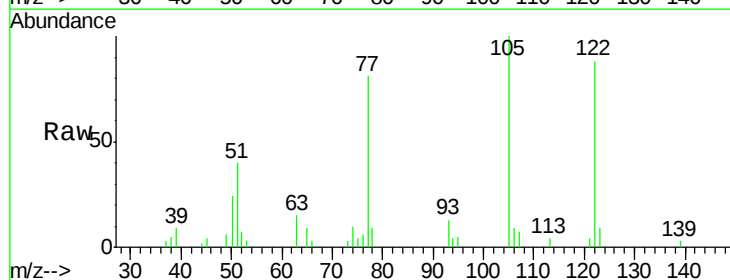
Tgt Ion:122 Resp: 28650

Ion Ratio Lower Upper

122 100

105 113.1 104.4 144.4

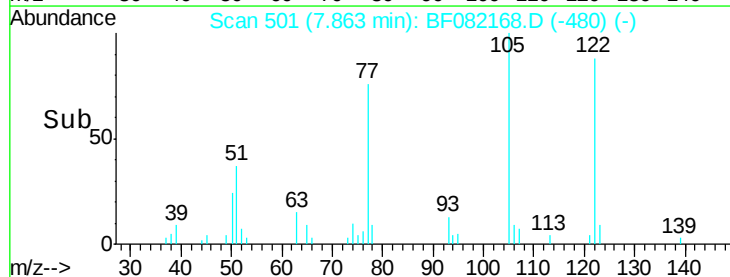
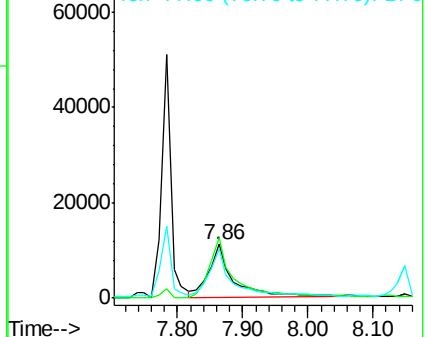
77 91.6 69.0 109.0



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

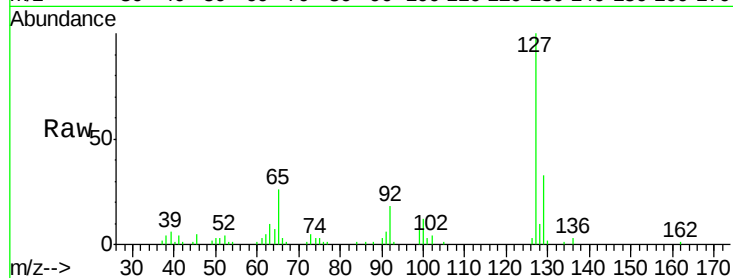




#33
4-Chloroaniline
Concen: 9.47 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	71500
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	25.8	24.4	36.6
92	17.8	15.7	23.5

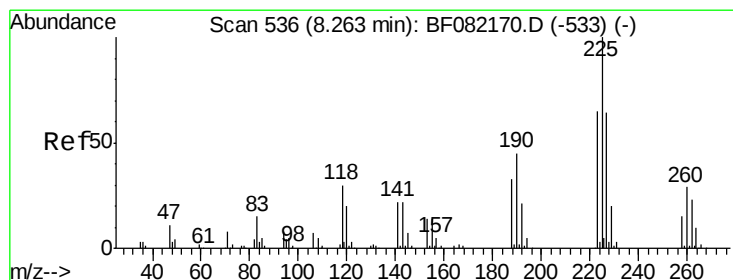
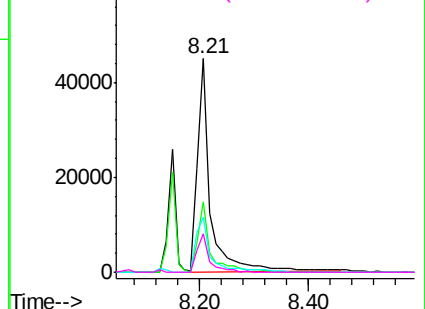
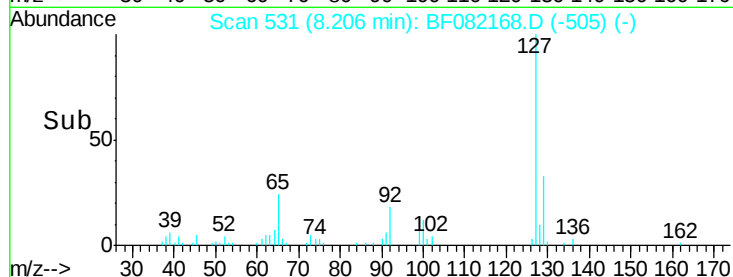


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

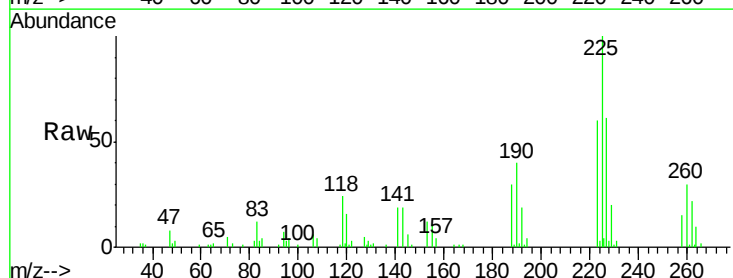
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 11.28 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

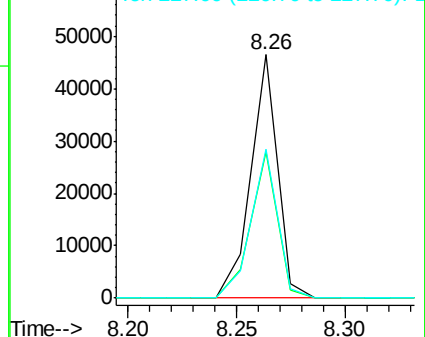
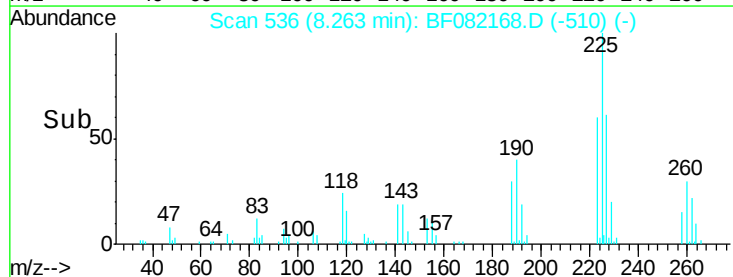
Tgt Ion:	225	Resp:	39572
Ion	Ratio	Lower	Upper
225	100		
223	60.3	52.2	78.2
227	61.0	51.3	76.9



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

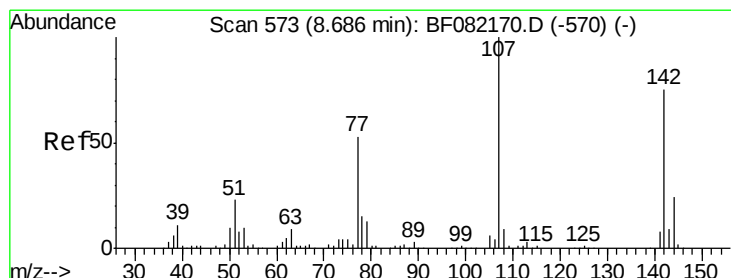
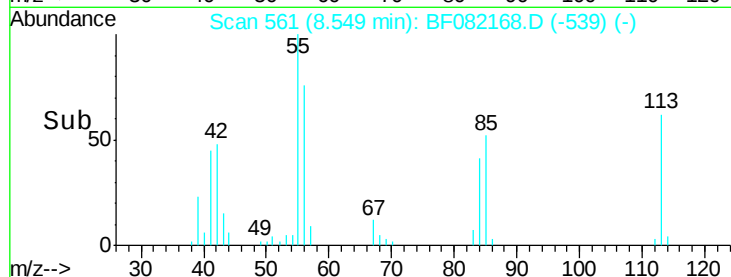
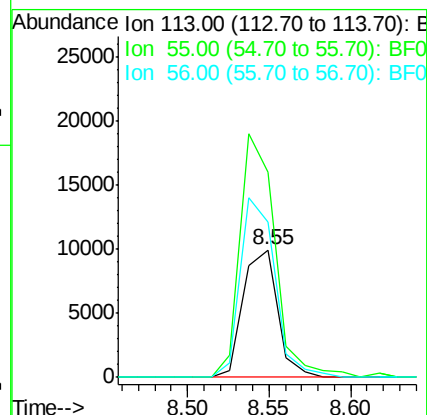
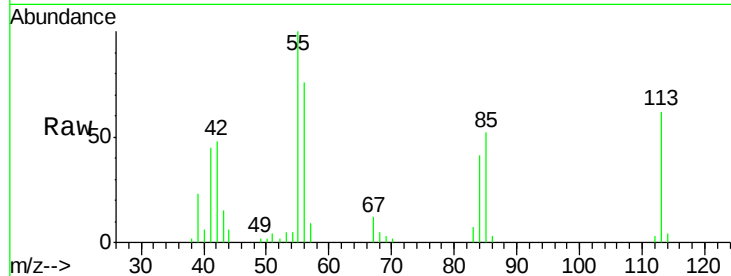




#35
Caprolactam
Concen: 9.81 ng
RT: 8.55 min Scan# 561
Delta R.T. -0.05 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

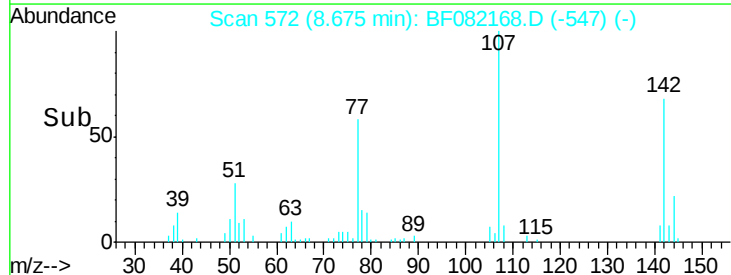
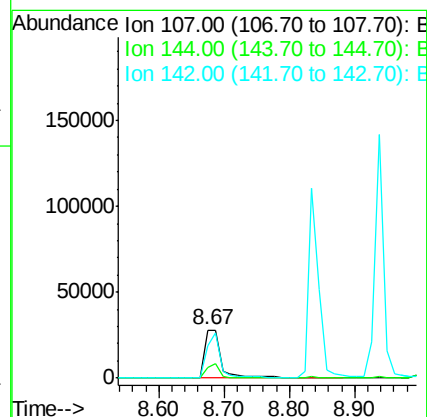
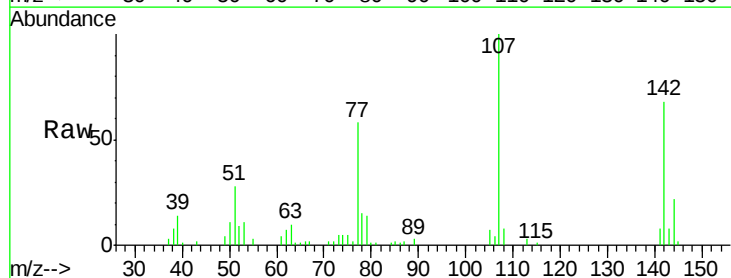
Instrument :
BNA_F
ClientSampleId :

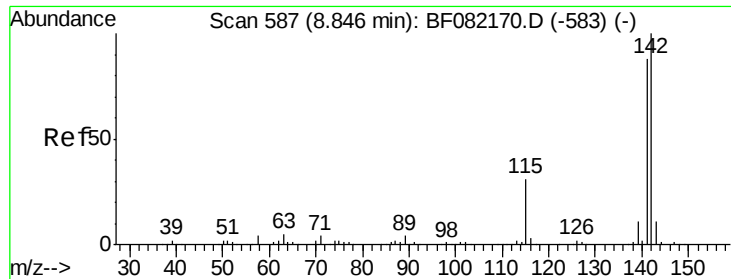
Tot Ion:113 Resp: 14509
Ion Ratio Lower Upper
113 100
55 160.5 149.7 189.7
56 122.0 105.4 145.4



#36
4-Chloro-3-methylphenol
Concen: 9.59 ng
RT: 8.67 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion:107 Resp: 49199
Ion Ratio Lower Upper
107 100
144 22.3 19.3 28.9
142 68.3 59.9 89.9

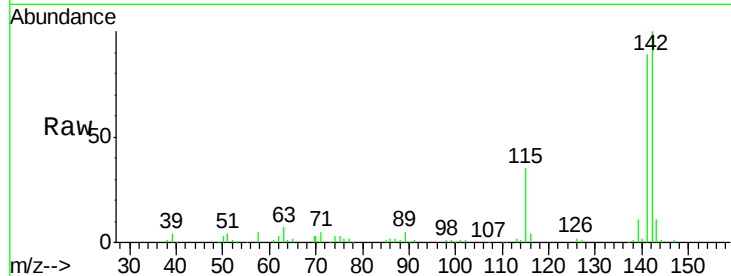




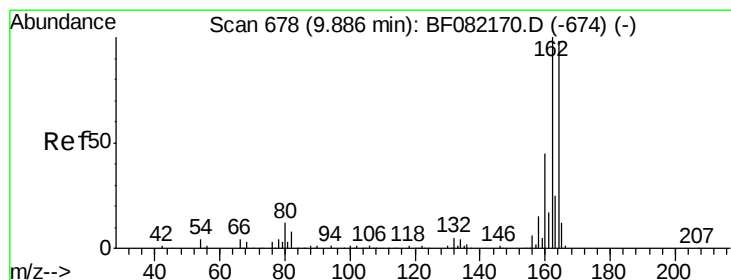
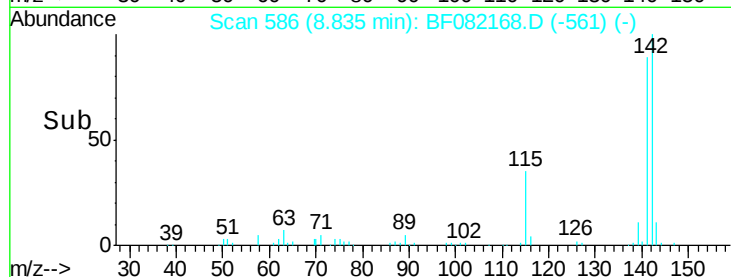
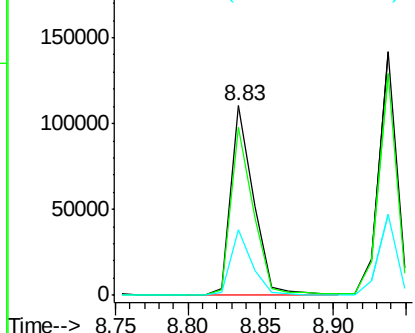
#37
2-Methylnaphthalene
Concen: 10.09 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 120701
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6
115 34.9 24.6 37.0

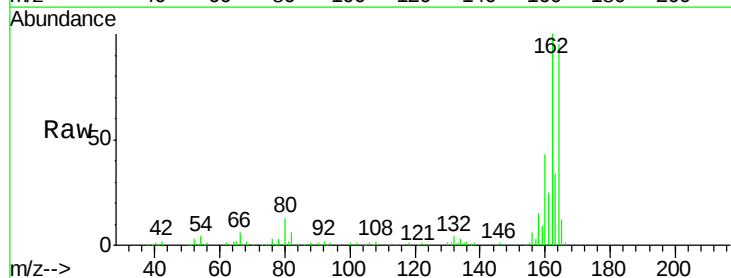


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

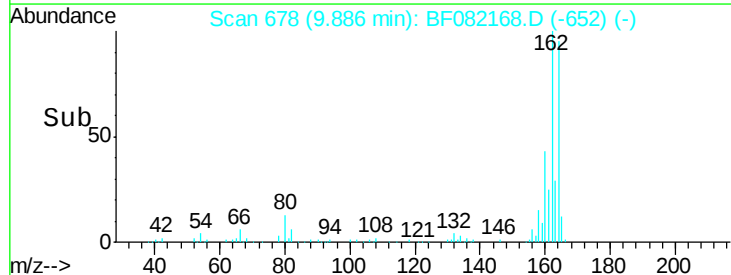
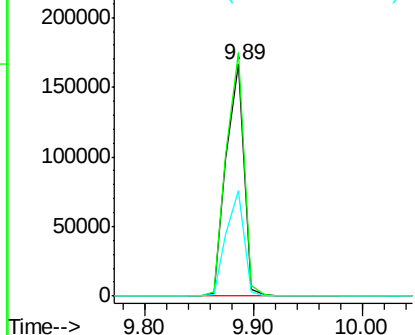


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion:164 Resp: 189145
Ion Ratio Lower Upper
164 100
162 105.1 81.6 122.4
160 45.6 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

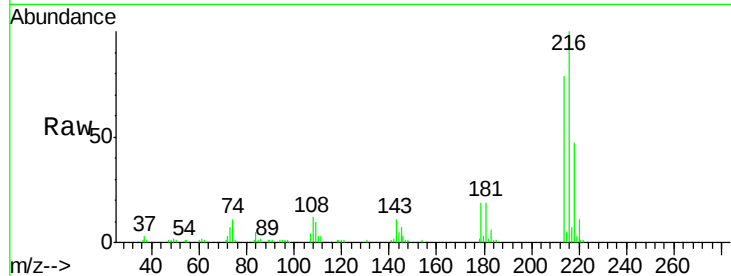




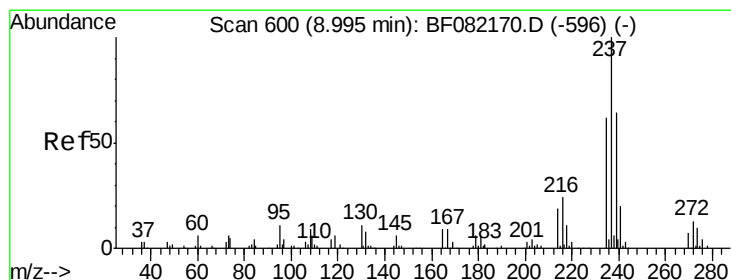
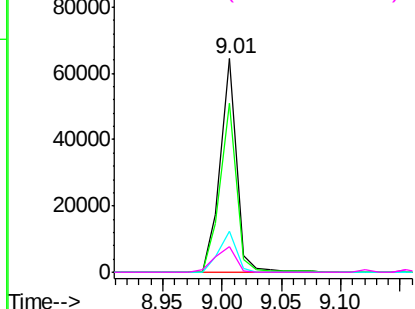
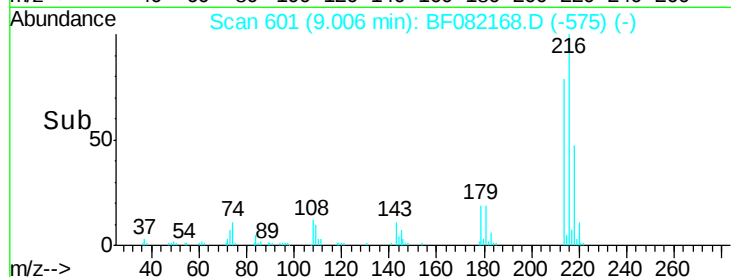
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.73 ng
 RT: 9.01 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	61791
Ion Ratio	Lower	Upper
216	100	
214	79.9	64.6 97.0
179	20.0	17.6 26.4
108	15.3	14.5 21.7

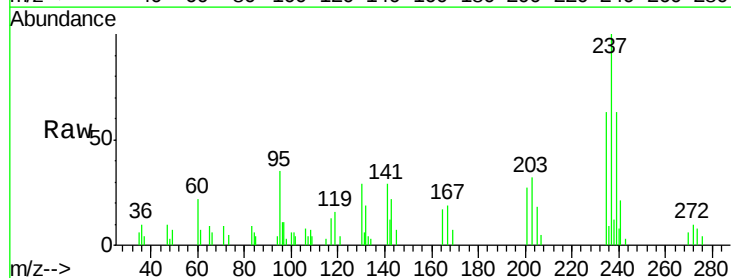


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

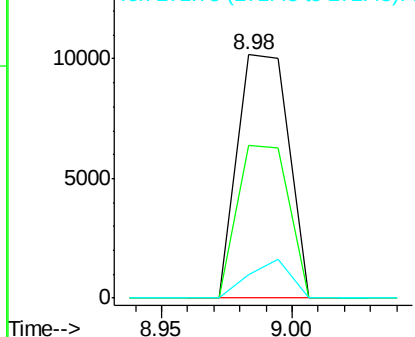
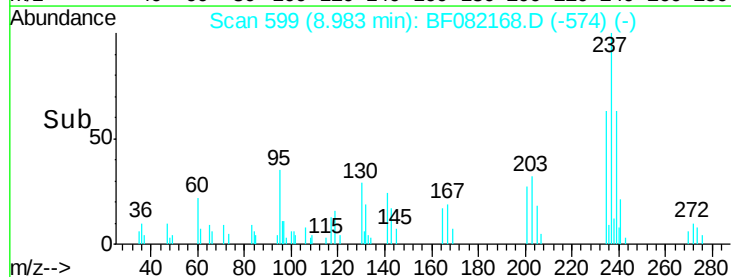


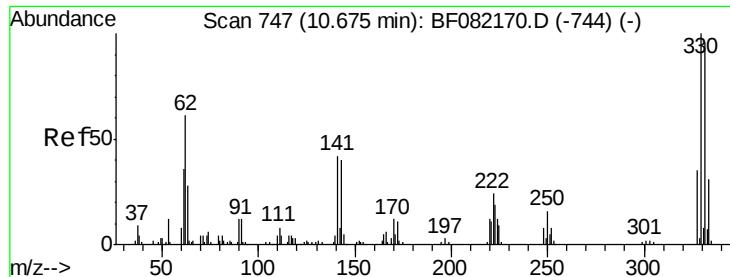
#40
 Hexachlorocyclopentadiene
 Concen: 4.82 ng
 RT: 8.98 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Tgt Ion:237	Resp:	13835
Ion Ratio	Lower	Upper
237	100	
235	62.5	41.7 81.7
272	9.8	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

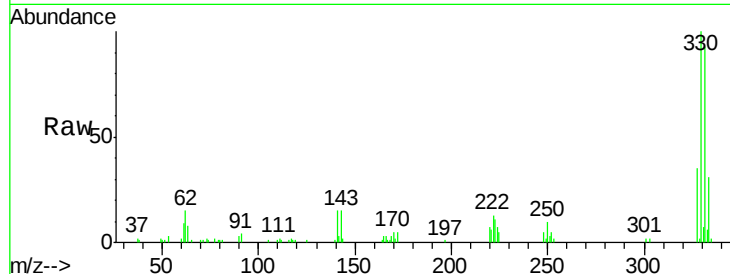




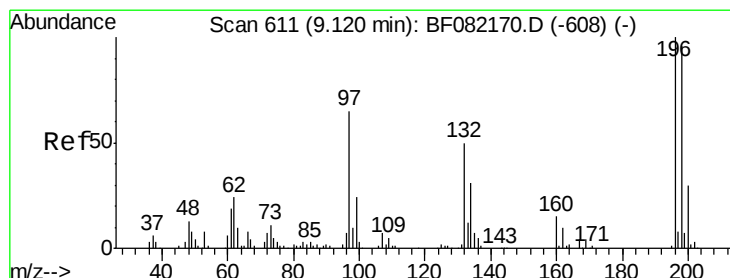
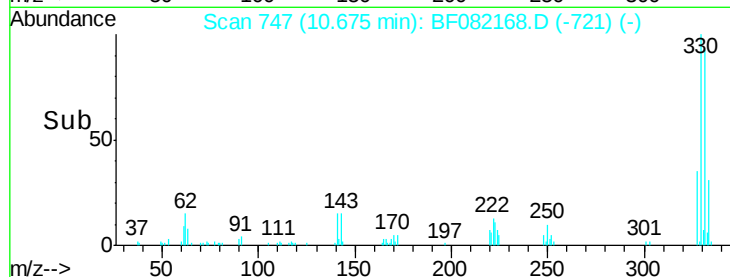
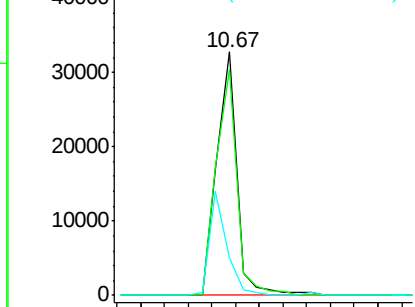
#41
 2,4,6-Tribromophenol
 Concen: 20.14 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 38163
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.1 115.7
 141 37.0 29.8 44.8

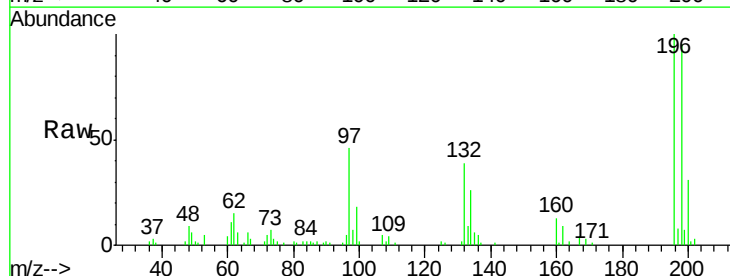


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

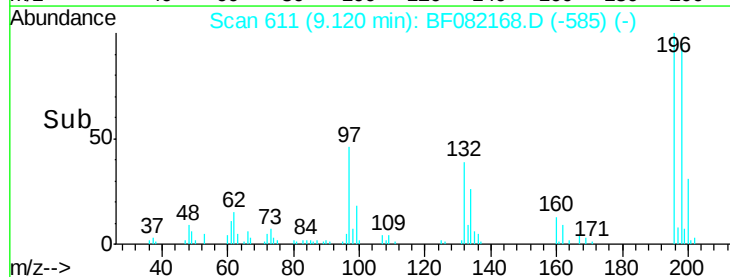
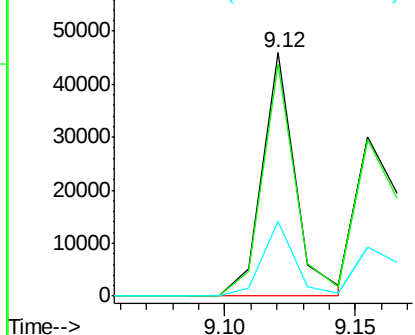


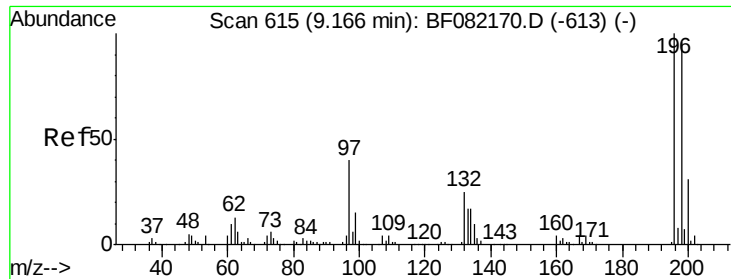
#42
 2,4,6-Trichlorophenol
 Concen: 10.38 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Tgt Ion:196 Resp: 40555
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.6 115.0
 200 30.8 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

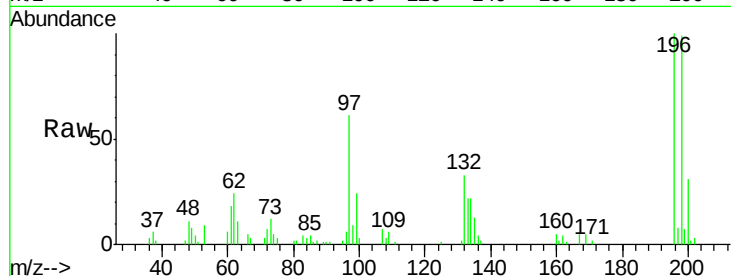




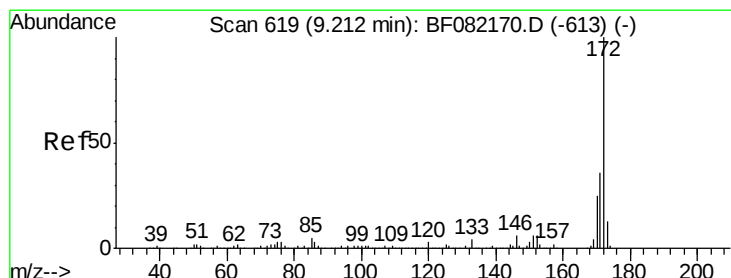
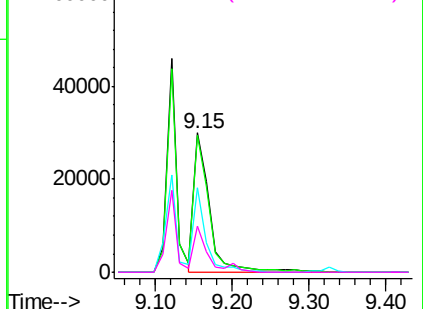
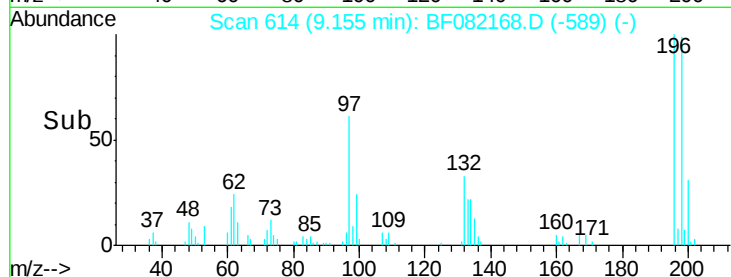
#43
 2,4,5-Trichlorophenol
 Concen: 10.58 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 43139
 Ion Ratio Lower Upper
 196 100
 198 98.8 77.0 115.4
 97 60.9 31.9 47.9#
 132 33.4 20.3 30.5#

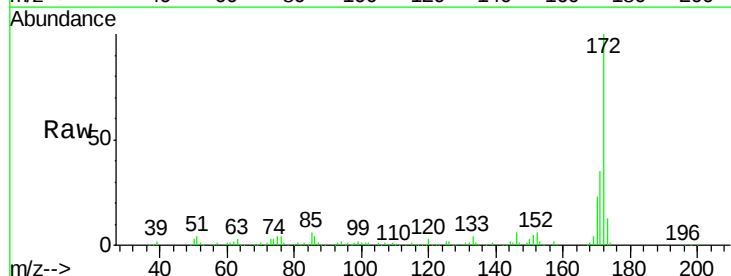


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

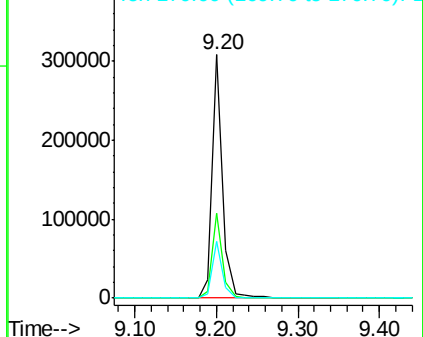
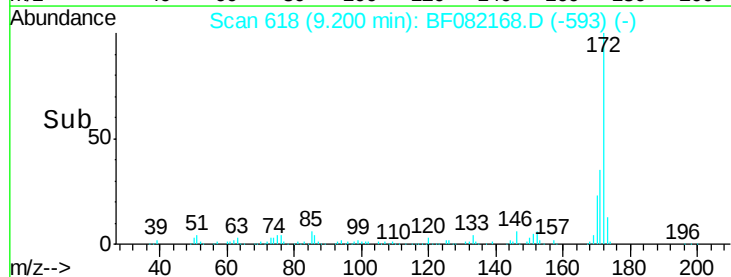


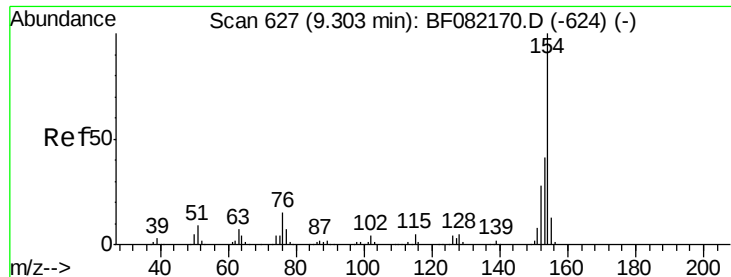
#44
 2-Fluorobiphenyl
 Concen: 23.58 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Tgt Ion:172 Resp: 282174
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 42.8
 170 23.2 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

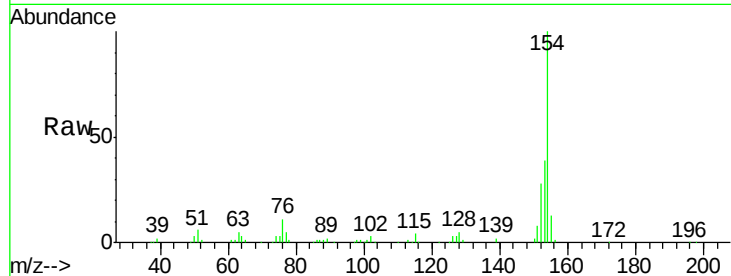




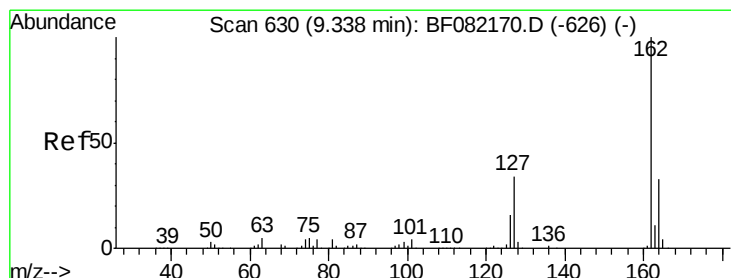
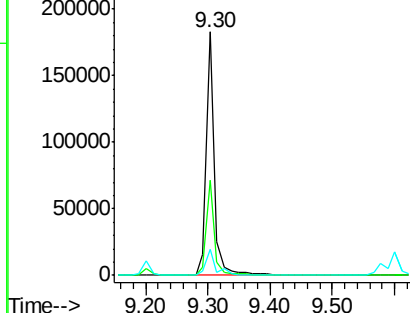
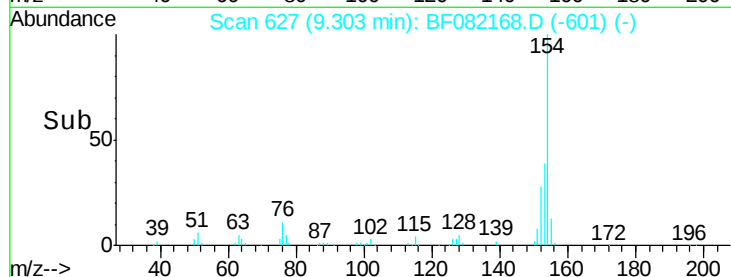
#45
1,1'-Biphenyl
Concen: 11.59 ng
RT: 9.30 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	154	Resp	167928
Ion Ratio	100	Lower	Upper
153	39.1	20.6	60.6
76	10.7	0.0	35.2

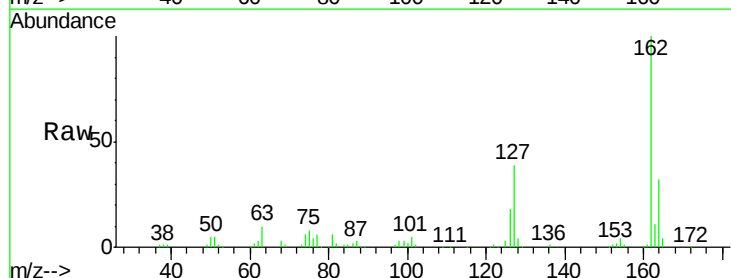


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

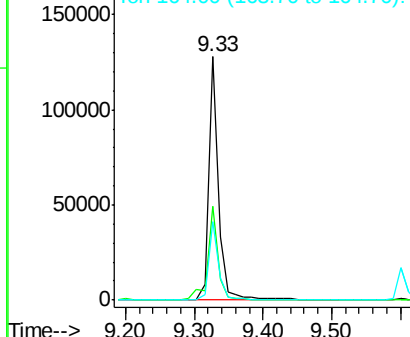
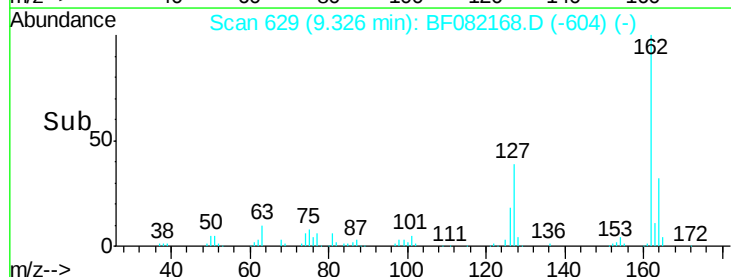


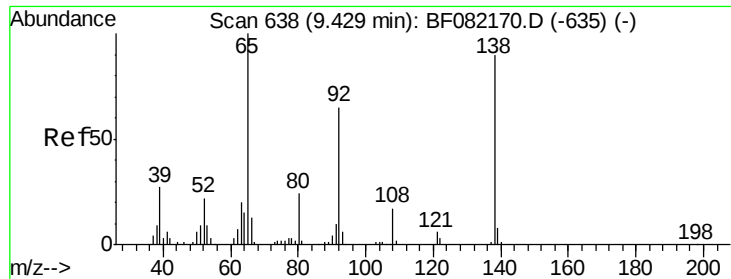
#46
2-Chloronaphthalene
Concen: 11.13 ng
RT: 9.33 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion	162	Resp	126810
Ion Ratio	100	Lower	Upper
127	38.8	27.5	41.3
164	32.1	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

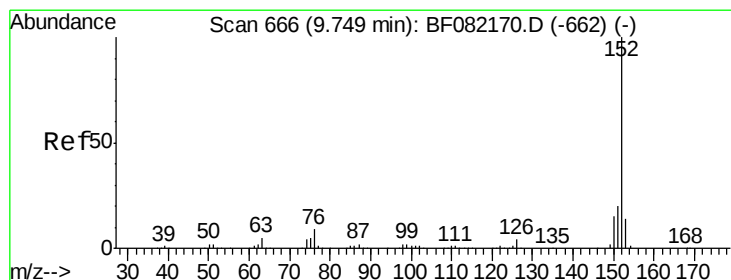
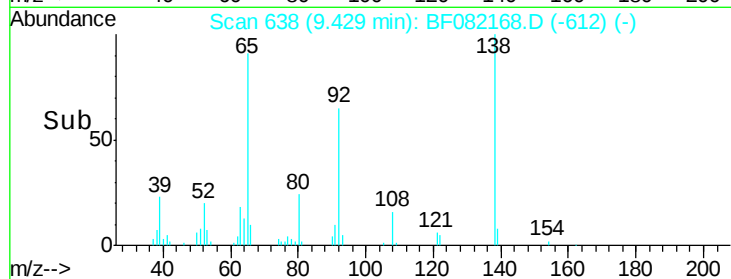
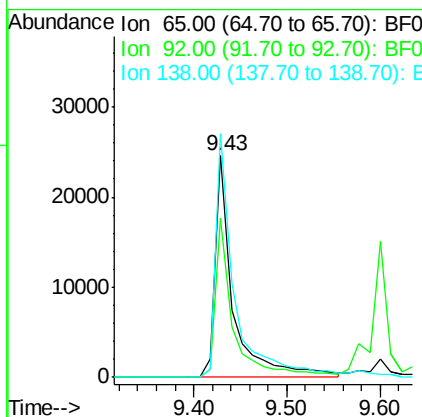
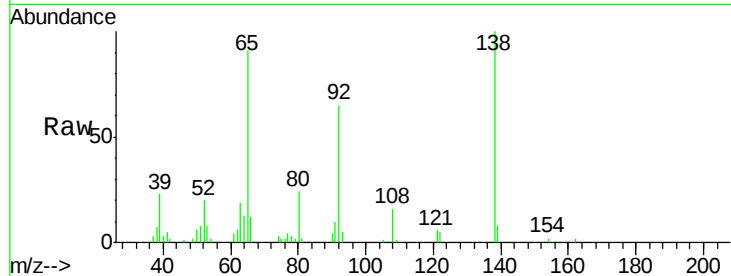




#47
2-Nitroaniline
Concen: 9.92 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

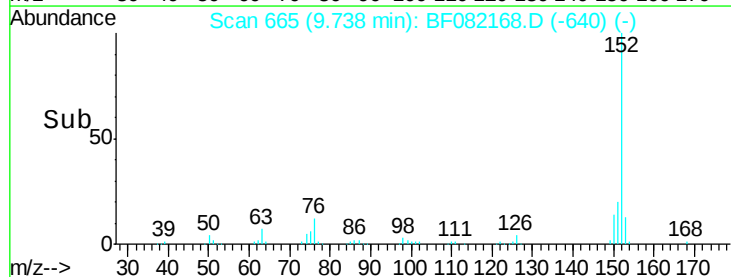
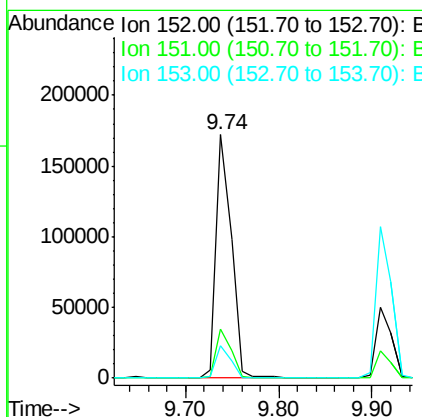
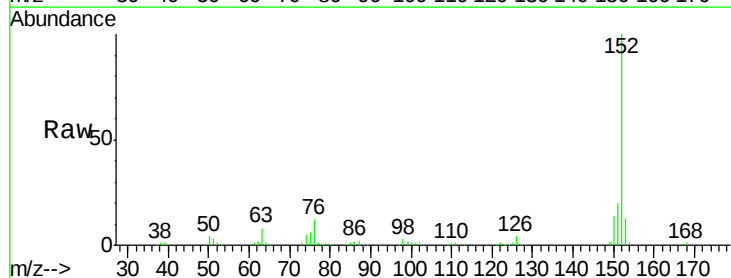
Instrument :
BNA_F
ClientSampleId :

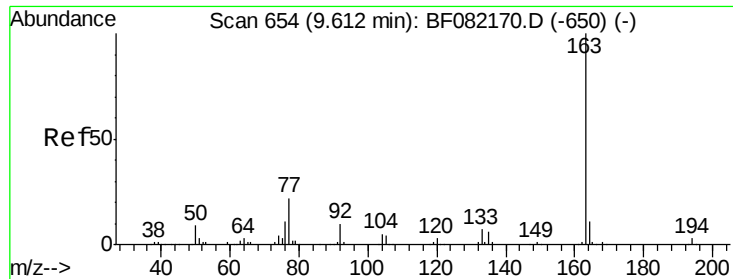
Tot Ion: 65 Resp: 33105
Ion Ratio Lower Upper
65 100
92 71.8 52.3 78.5
138 109.8 72.2 108.4#



#48
Acenaphthylene
Concen: 10.74 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion: 152 Resp: 196822
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.1 10.8 16.2

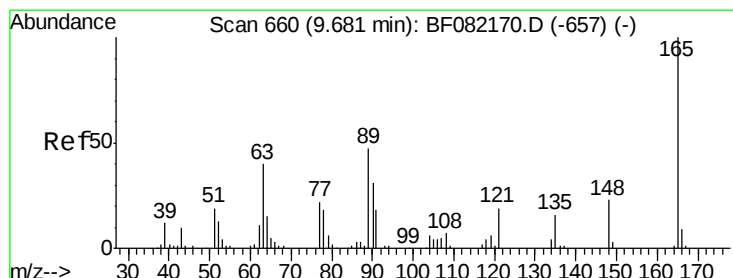
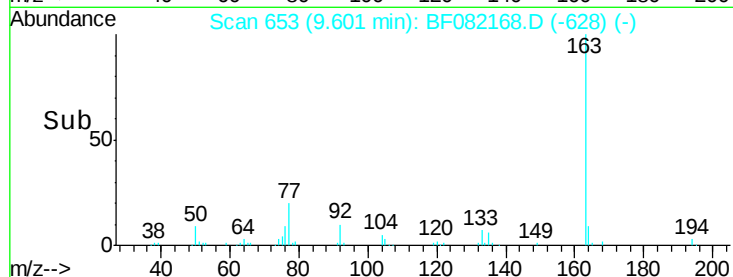
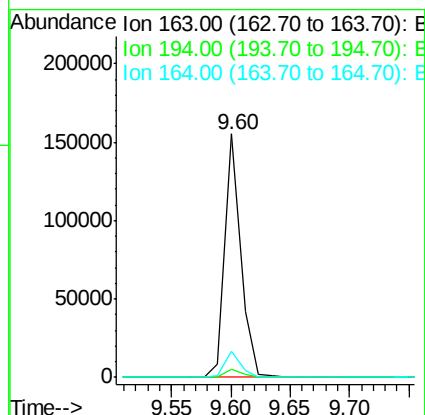
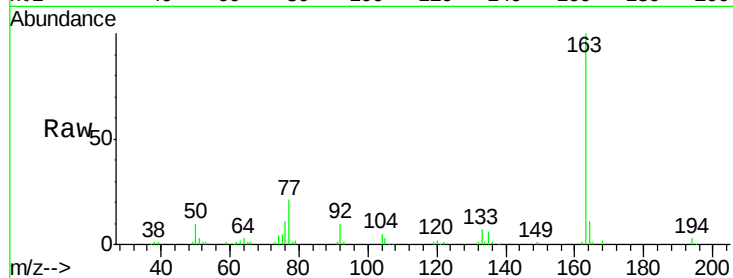




#49
Dimethylphthalate
Concen: 11.17 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

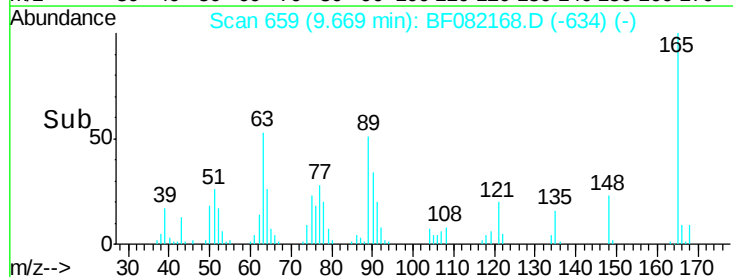
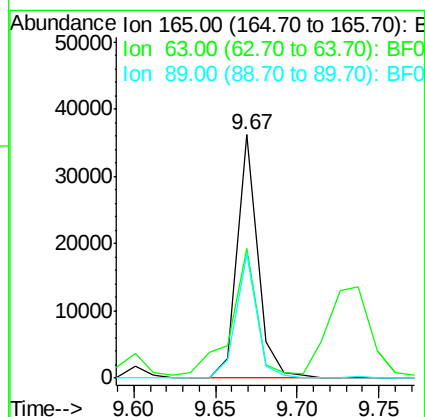
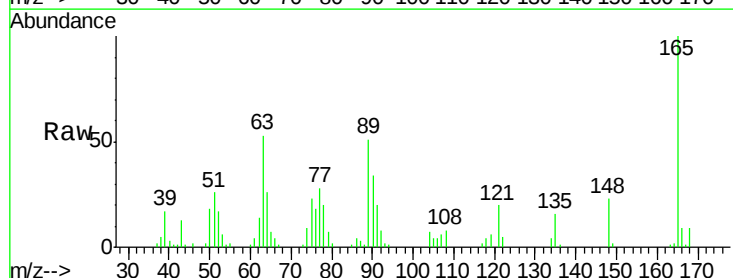
Instrument :
BNA_F
ClientSampleId :

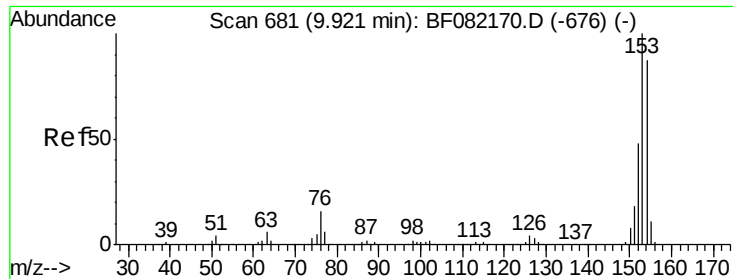
Tot Ion:163 Resp: 144043
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.9 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 10.93 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion:165 Resp: 31246
Ion Ratio Lower Upper
165 100
63 53.0 36.7 55.1
89 51.3 37.8 56.6





#51

Acenaphthene

Concen: 10.21 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampled :

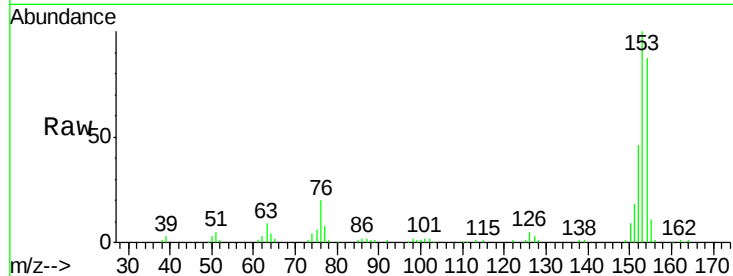
Tot Ion:154 Resp: 111301

Ion Ratio Lower Upper

154 100

153 114.6 91.4 137.2

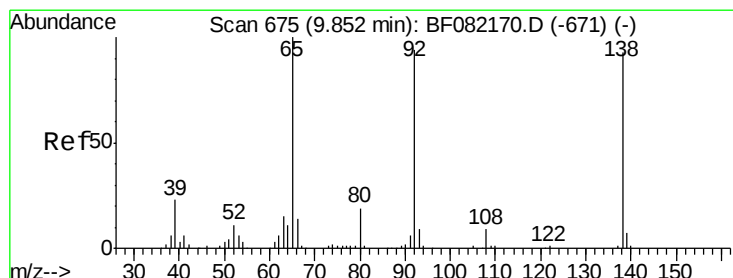
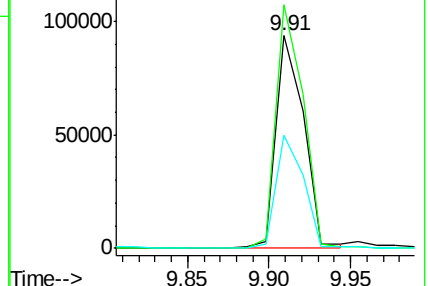
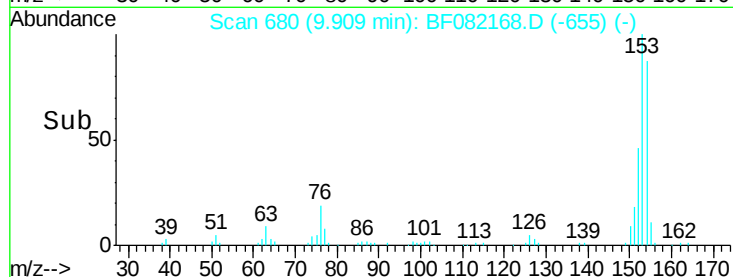
152 53.1 44.3 66.5



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: 10.56 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

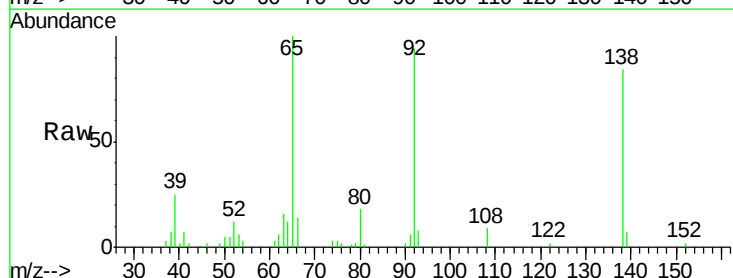
Tgt Ion:138 Resp: 34367

Ion Ratio Lower Upper

138 100

108 10.1 7.4 11.0

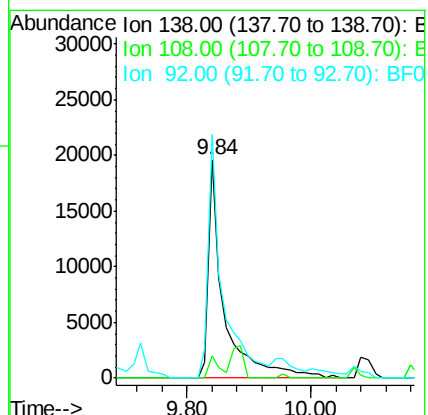
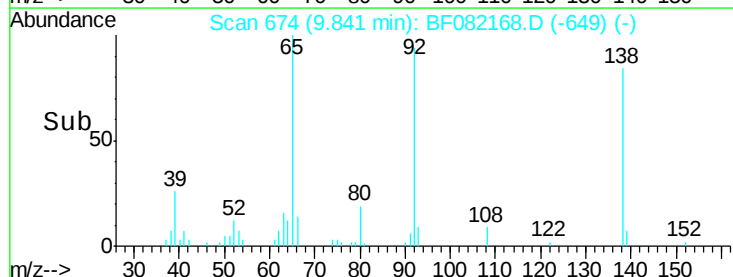
92 111.4 81.3 121.9



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

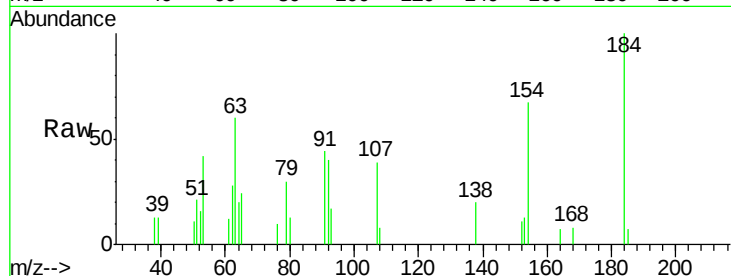




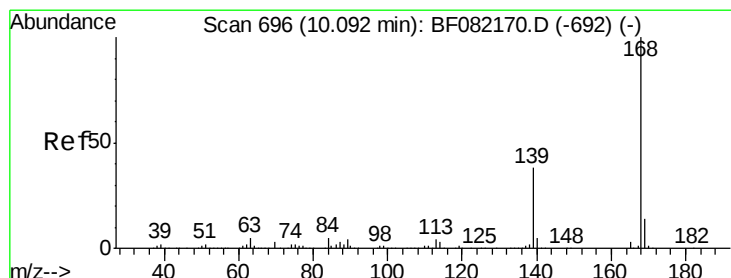
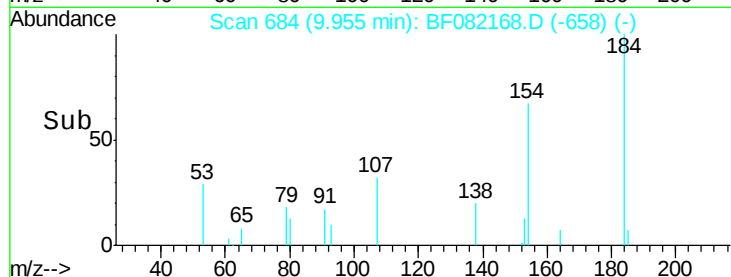
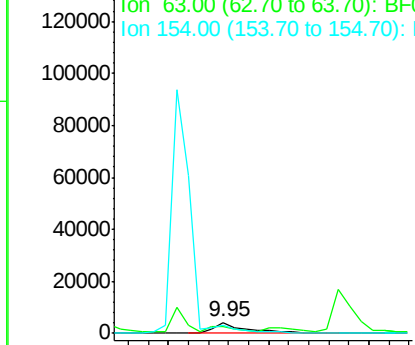
#53
2,4-Dinitrophenol
Concen: 8.97 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 9359
Ion Ratio Lower Upper
184 100
63 60.3 45.1 67.7
154 67.1 51.2 76.8

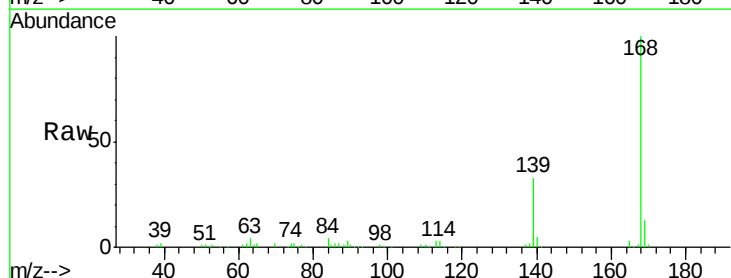


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

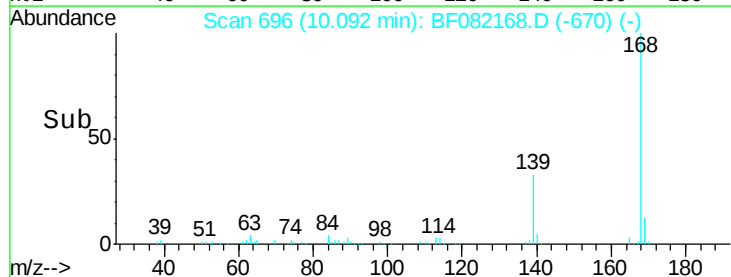
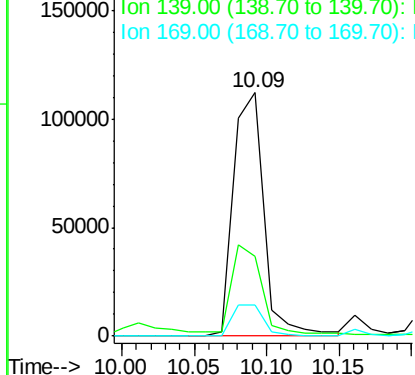


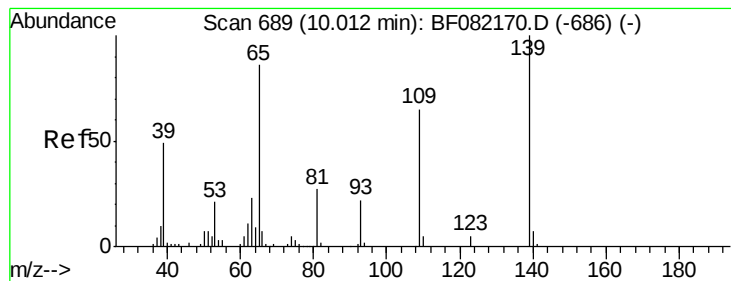
#54
Dibenzofuran
Concen: 10.63 ng
RT: 10.09 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion:168 Resp: 163973
Ion Ratio Lower Upper
168 100
139 32.5 31.0 46.6
169 12.9 10.9 16.3



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





#55

4-Nitrophenol

Concen: 6.26 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampled :

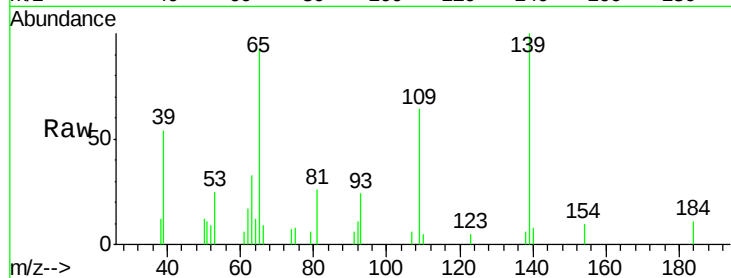
Tot Ion:139 Resp: 14346

Ion Ratio Lower Upper

139 100

109 64.4 44.8 84.8

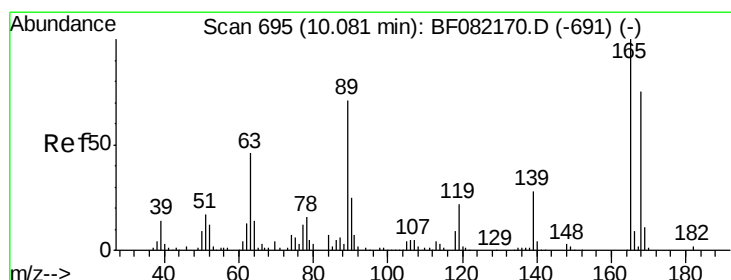
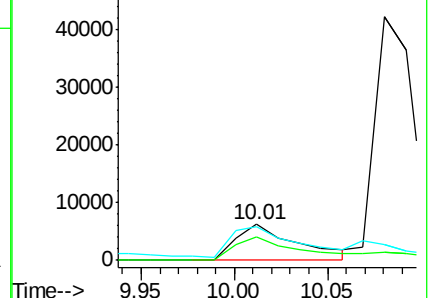
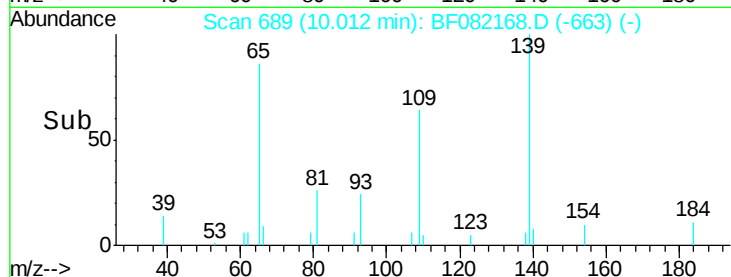
65 92.6 67.7 107.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 11.20 ng

RT: 10.07 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Tgt Ion:165 Resp: 40362

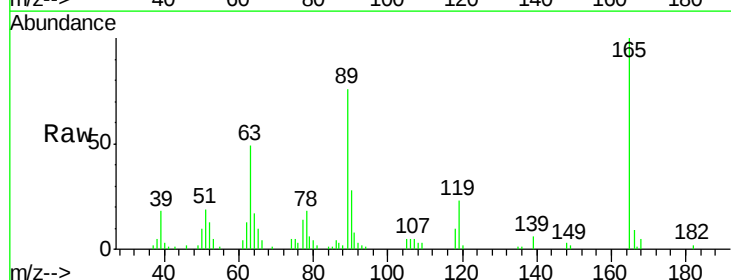
Ion Ratio Lower Upper

165 100

63 49.4 38.6 58.0

89 76.0 57.0 85.6

182 1.8 1.8 2.6

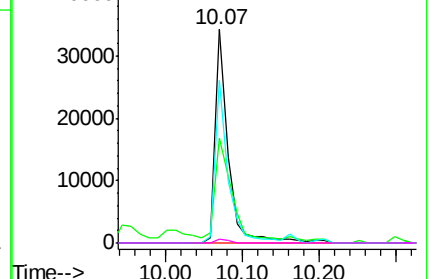
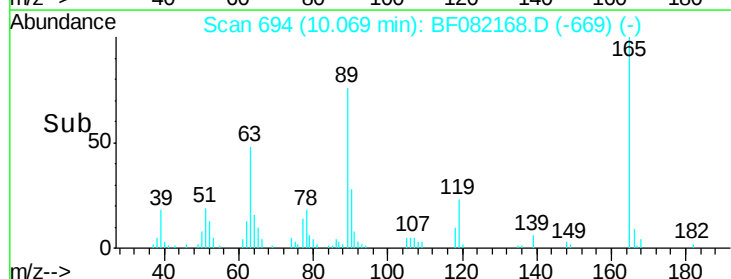


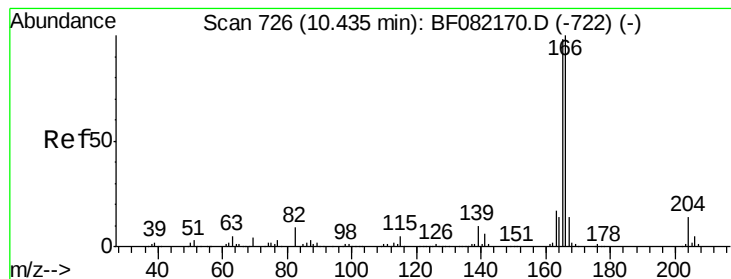
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 11.08 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampled :

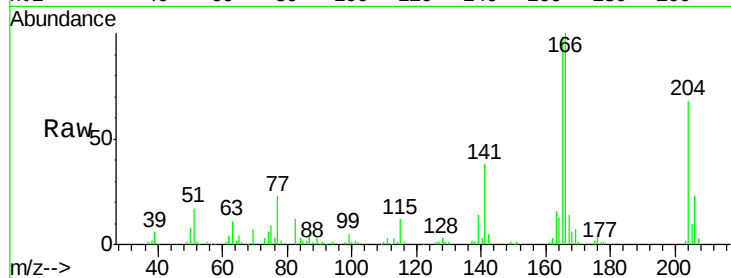
Tot Ion:166 Resp: 135759

Ion Ratio Lower Upper

166 100

165 97.9 78.3 117.5

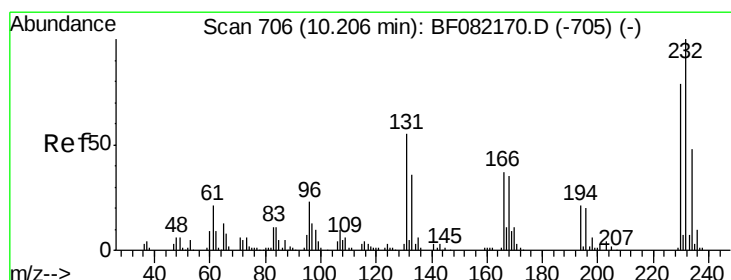
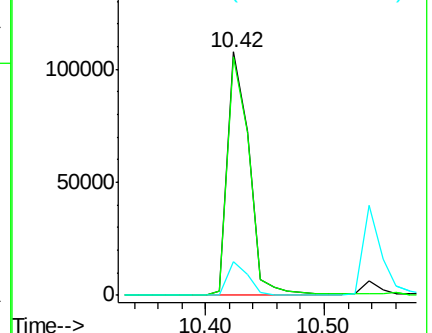
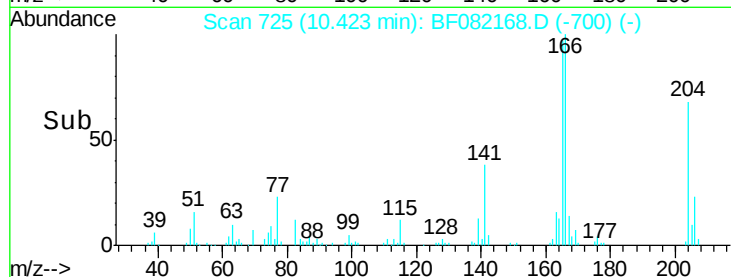
167 13.7 10.8 16.2



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: 11.21 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Tgt Ion:232 Resp: 36166

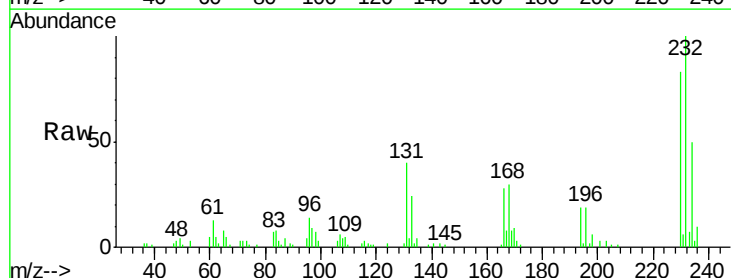
Ion Ratio Lower Upper

232 100

131 41.9 36.6 54.8

130 1.8 1.5 2.3

166 27.7 24.6 37.0

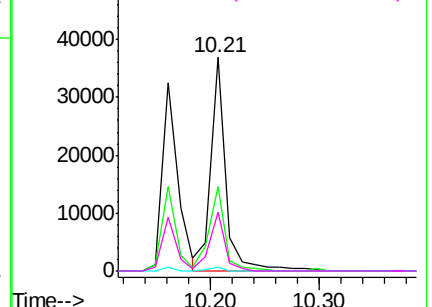
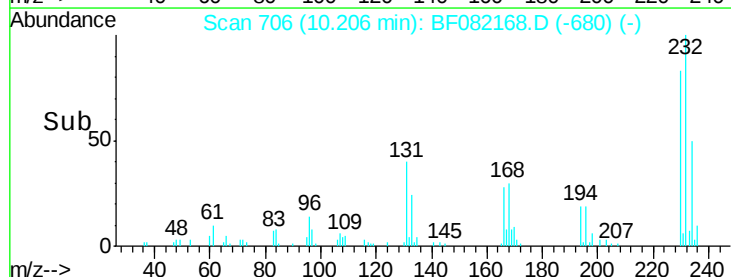


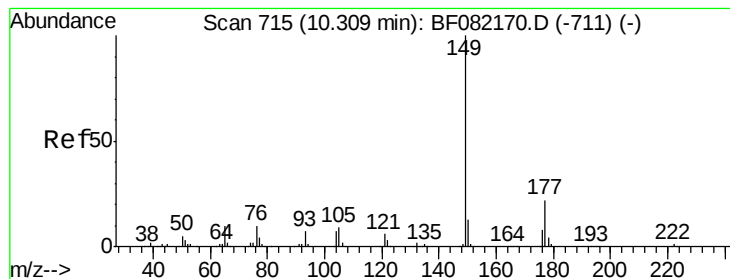
Abundance Ion 232.00 (231.70 to 232.70): E

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: 11.67 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampleId :

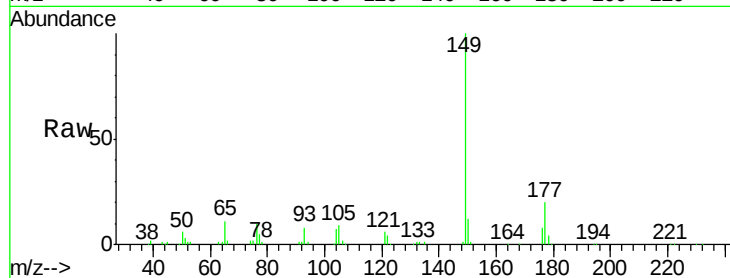
Tot Ion:149 Resp: 141909

Ion Ratio Lower Upper

149 100

177 19.6 17.6 26.4

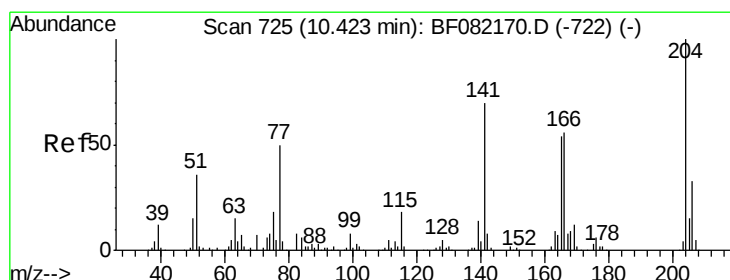
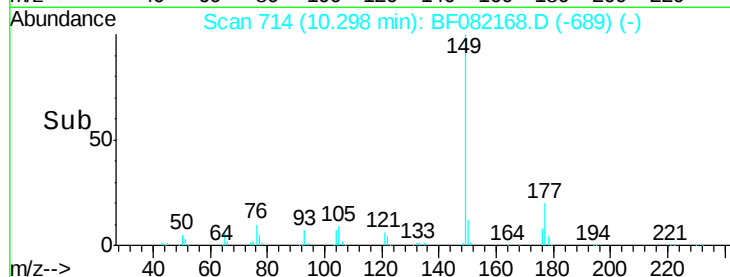
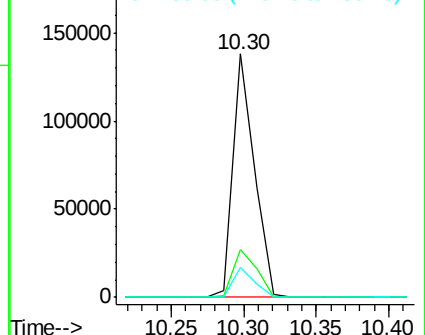
150 12.4 10.3 15.5



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: 11.91 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

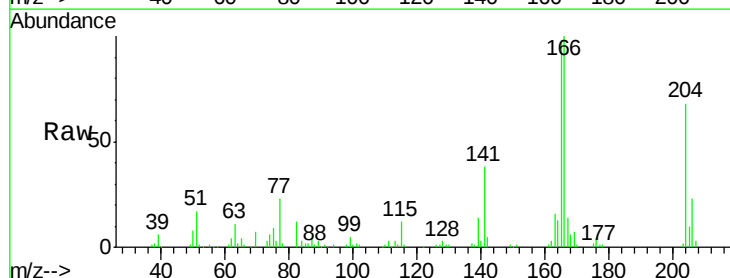
Tgt Ion:204 Resp: 66908

Ion Ratio Lower Upper

204 100

206 34.1 26.8 40.2

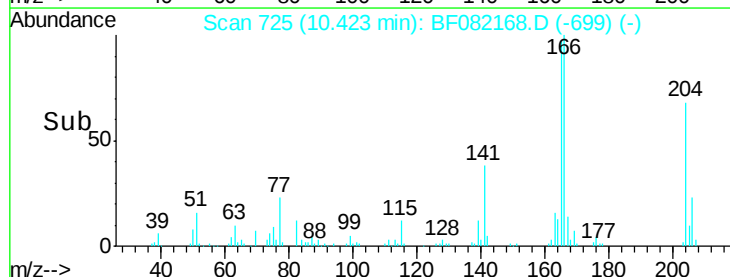
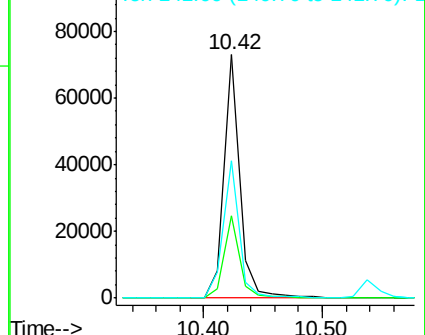
141 56.6 56.1 84.1

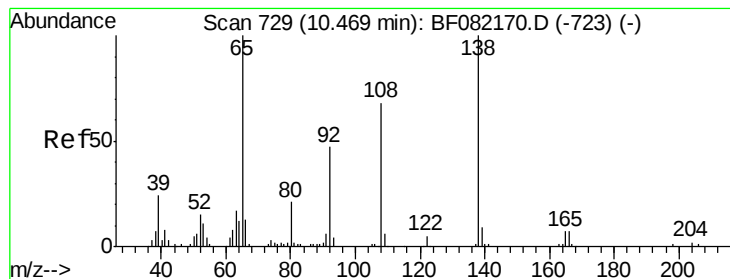


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 9.87 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampleId :

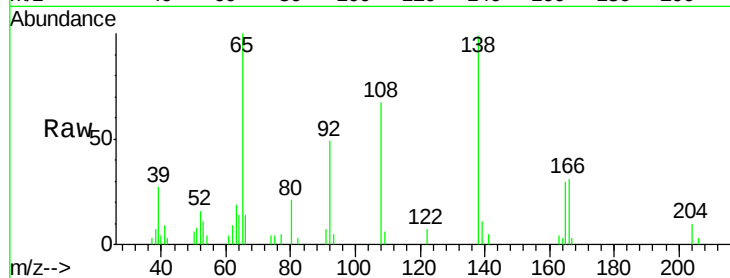
Tot Ion:138 Resp: 32525

Ion Ratio Lower Upper

138 100

92 49.3 26.8 66.8

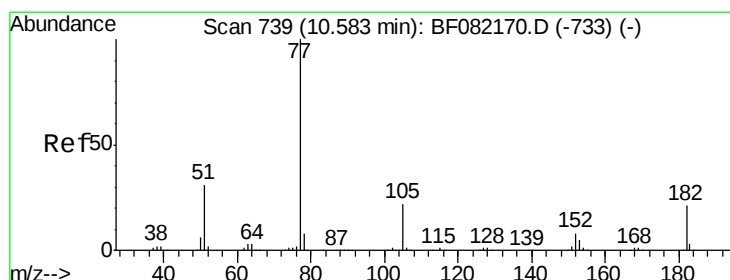
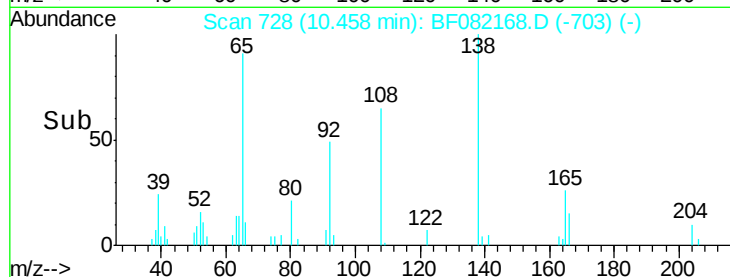
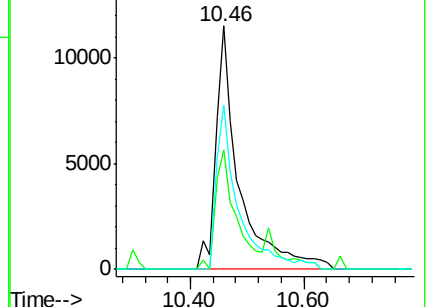
108 67.4 48.4 88.4



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: 11.36 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Tgt Ion: 77 Resp: 134816

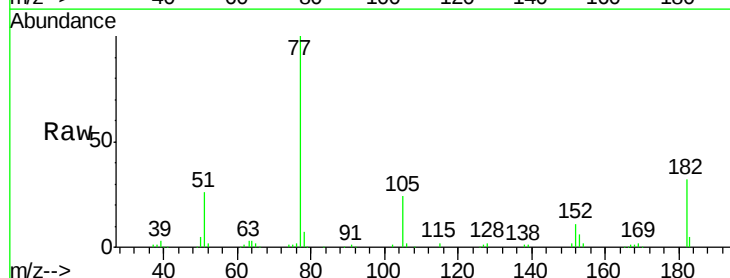
Ion Ratio Lower Upper

77 100

182 31.7 0.5 40.5

105 23.9 1.8 41.8

51 26.5 11.2 51.2

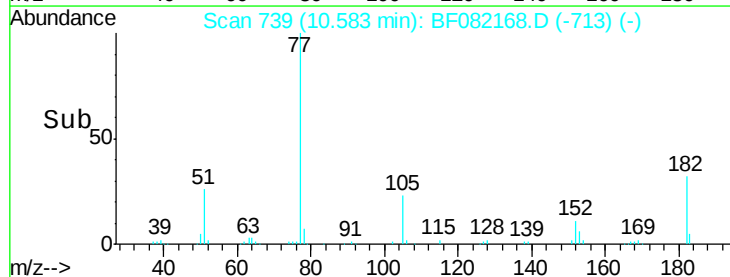
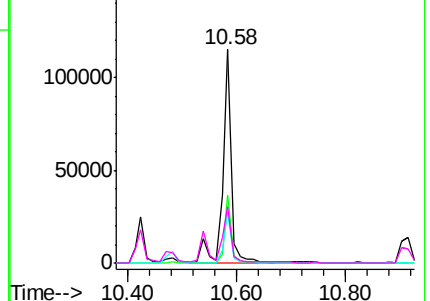


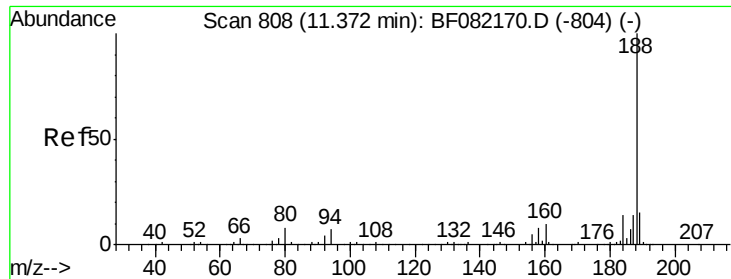
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampleId :

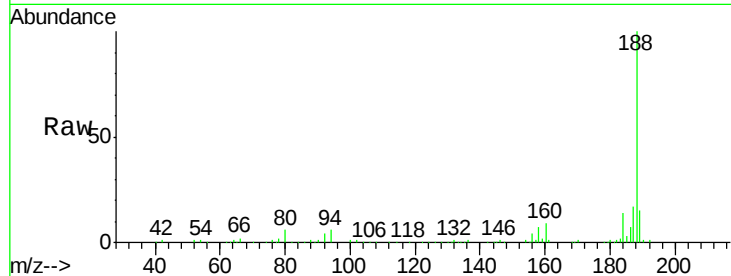
Tot Ion:188 Resp: 371760

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.6

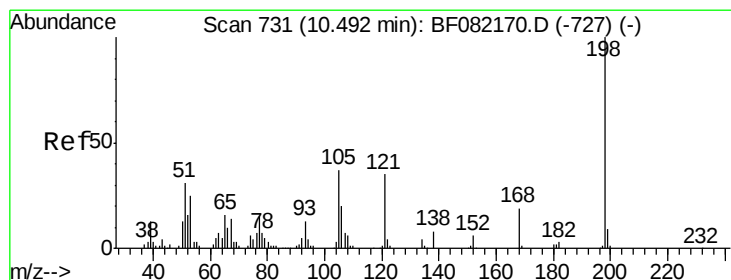
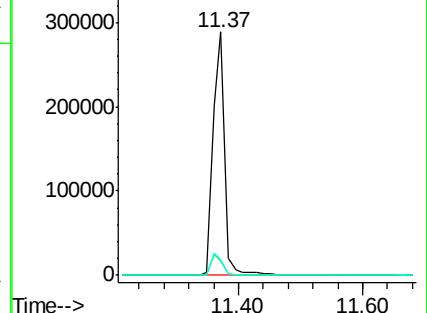
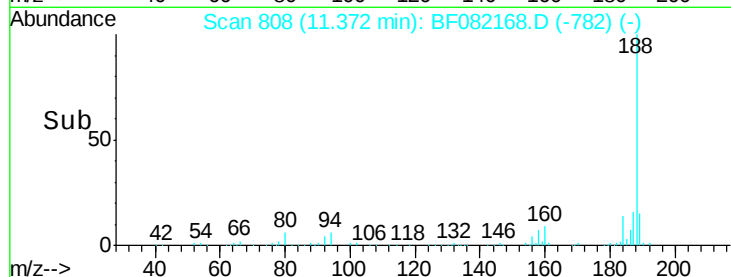
80 6.3 6.4 9.6#



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: 10.55 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

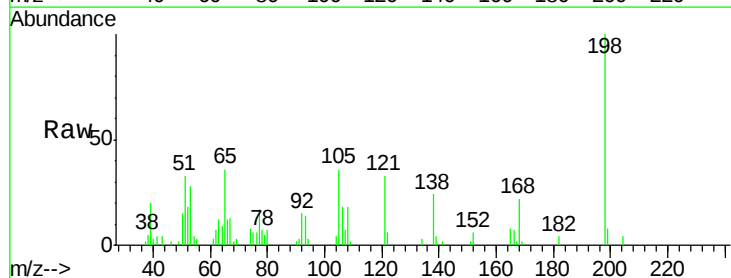
Tgt Ion:198 Resp: 18082

Ion Ratio Lower Upper

198 100

51 32.8 13.6 53.6

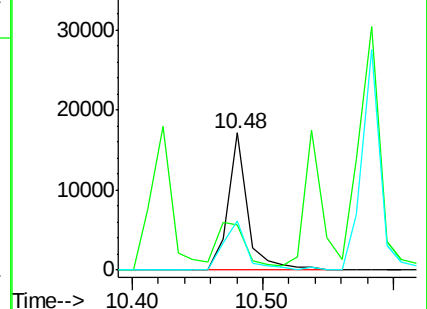
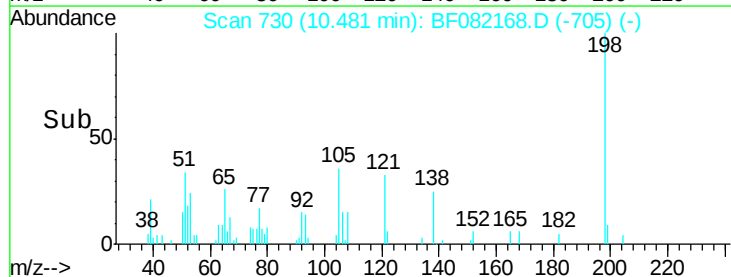
105 35.6 17.1 57.1

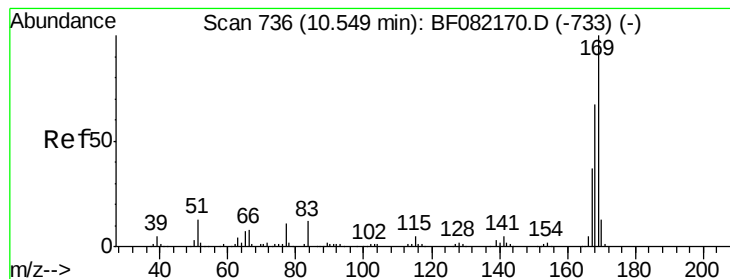


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 10.83 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampled :

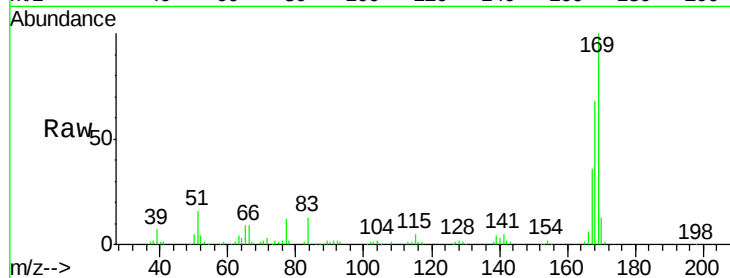
Tot Ion:169 Resp: 121699

Ion Ratio Lower Upper

169 100

168 67.9 54.0 81.0

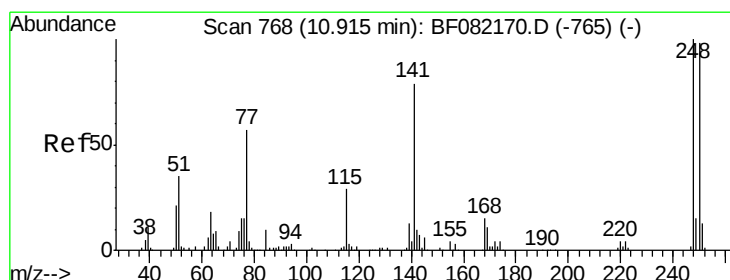
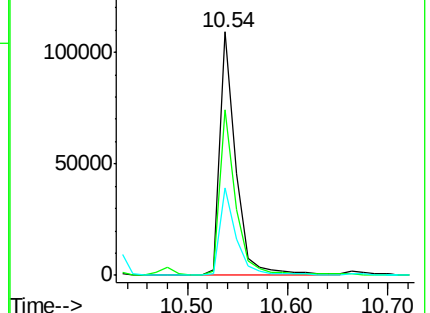
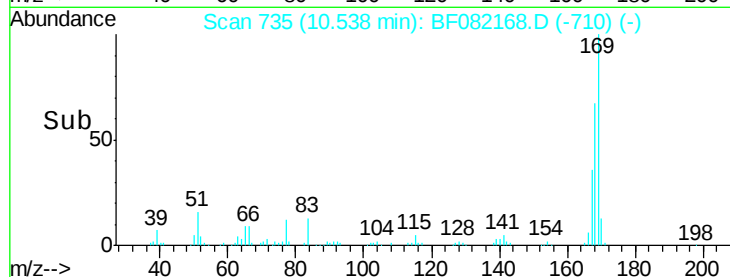
167 36.2 29.6 44.4



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: 11.15 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

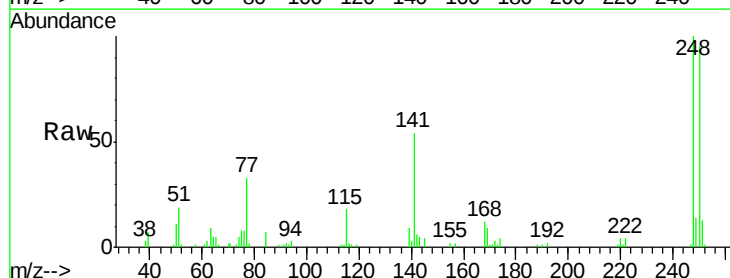
Tgt Ion:248 Resp: 41819

Ion Ratio Lower Upper

248 100

250 94.7 78.6 117.8

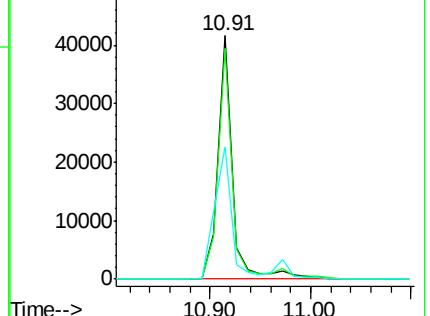
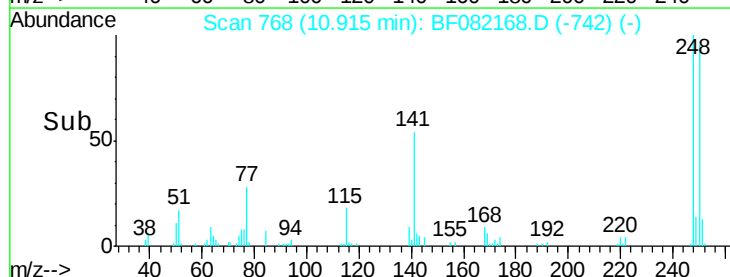
141 54.5 63.3 94.9#

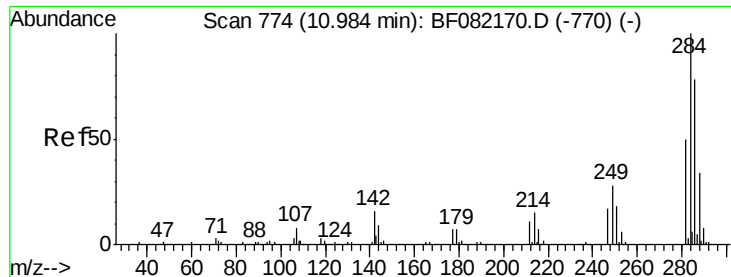


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 10.26 ng

RT: 10.97 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampleId :

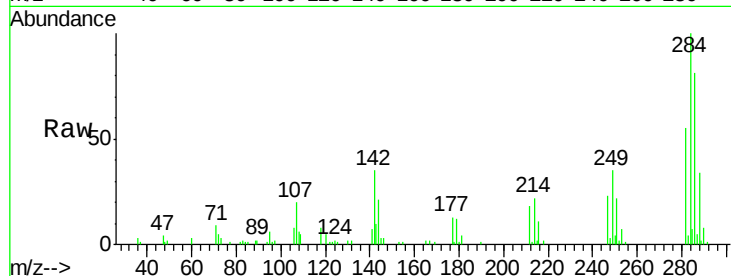
Tot Ion:284 Resp: 42980

Ion Ratio Lower Upper

284 100

142 35.0 13.0 19.6#

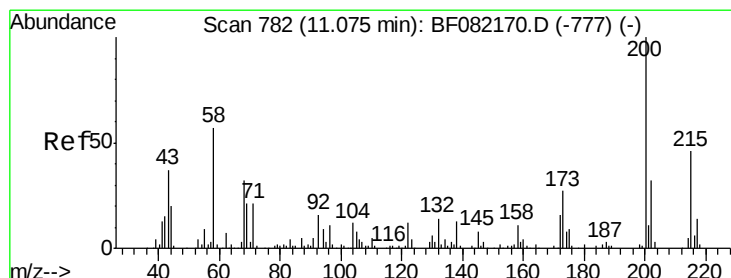
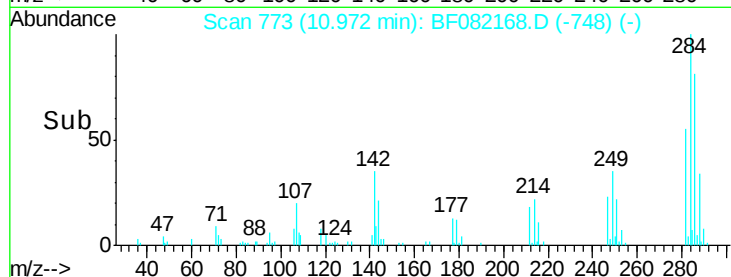
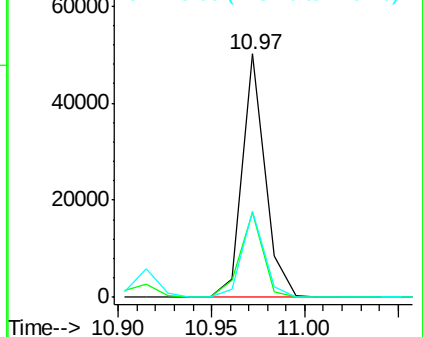
249 35.3 22.5 33.7#



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: 10.63 ng

RT: 11.06 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

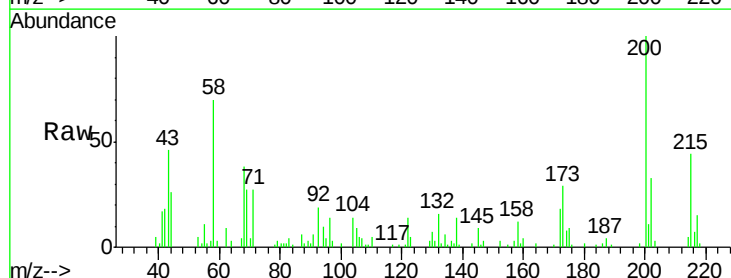
Tgt Ion:200 Resp: 36837

Ion Ratio Lower Upper

200 100

173 28.7 7.3 47.3

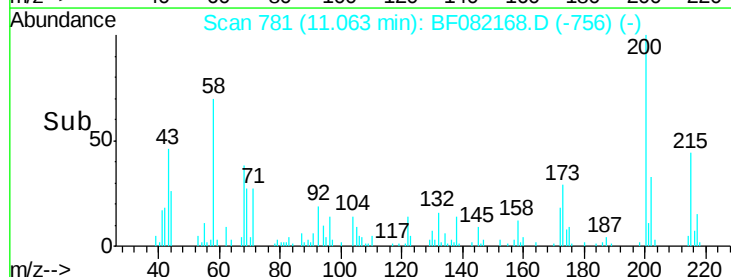
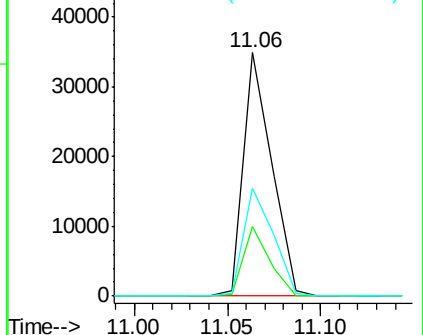
215 44.2 26.2 66.2

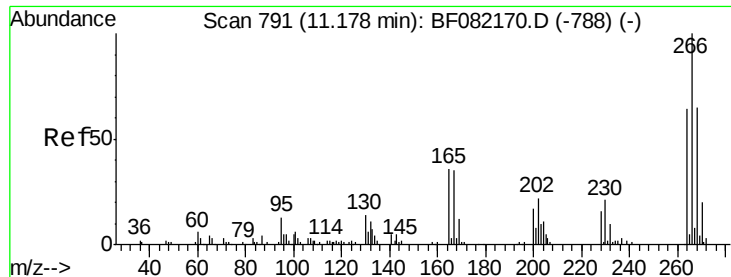


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

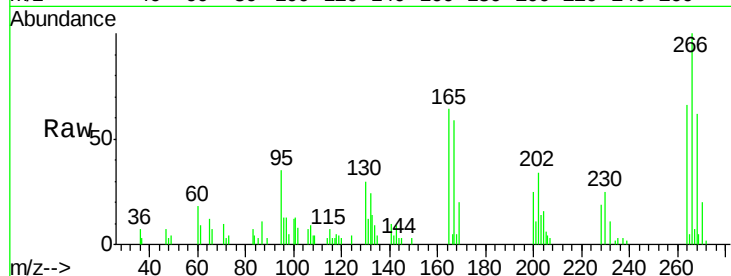




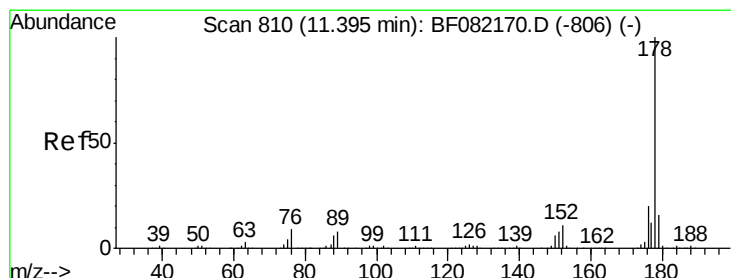
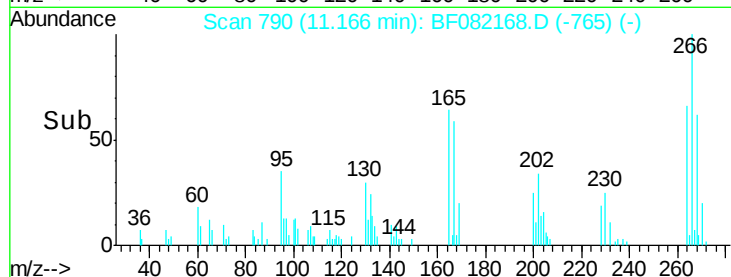
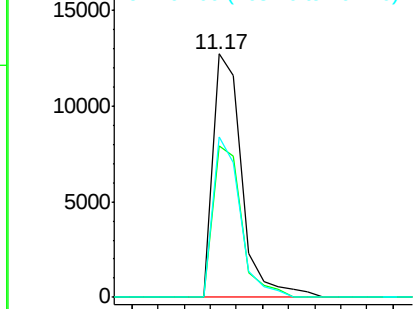
#69
 Pentachlorophenol
 Concen: 8.30 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 19752
 Ion Ratio Lower Upper
 266 100
 268 62.2 52.0 78.0
 264 65.7 51.4 77.0

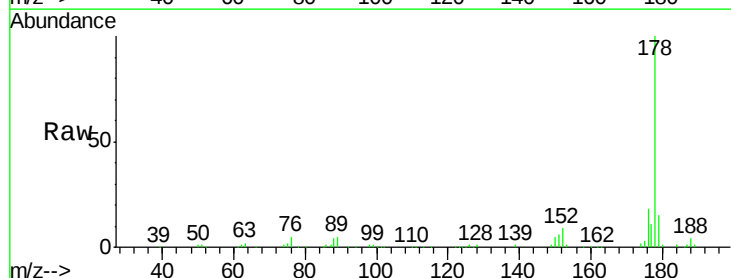


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

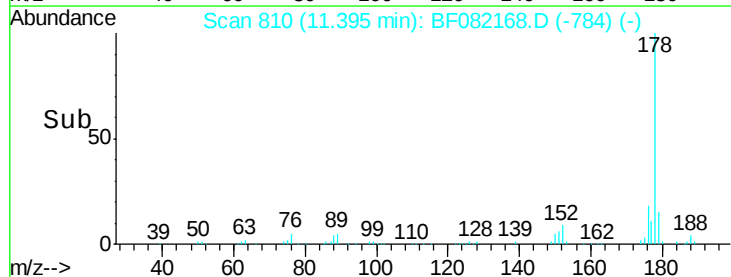
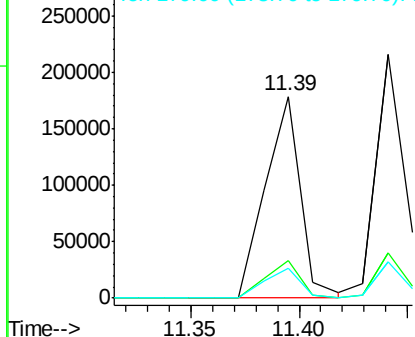


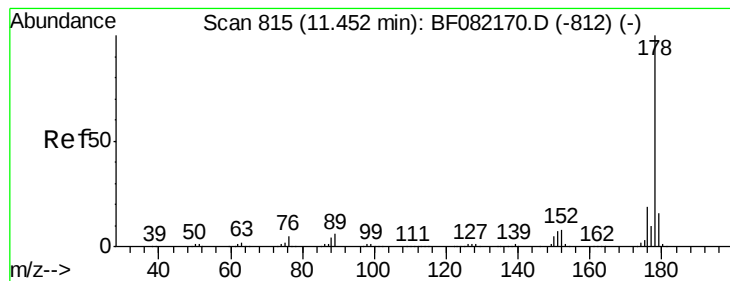
#70
 Phenanthrene
 Concen: 10.33 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Tgt Ion:178 Resp: 201022
 Ion Ratio Lower Upper
 178 100
 176 18.3 16.0 24.0
 179 14.8 12.6 19.0



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





#71

Anthracene

Concen: 11.73 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampled :

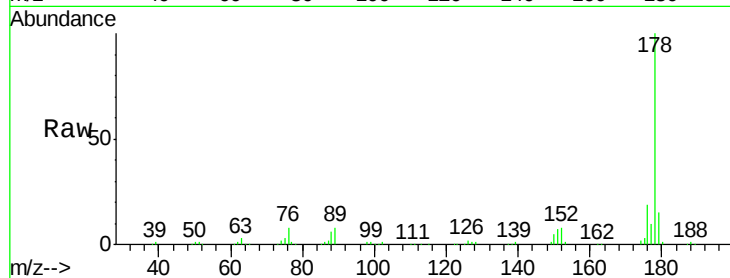
Tot Ion:178 Resp: 223532

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

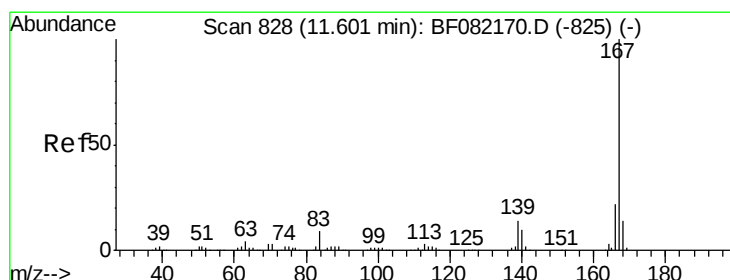
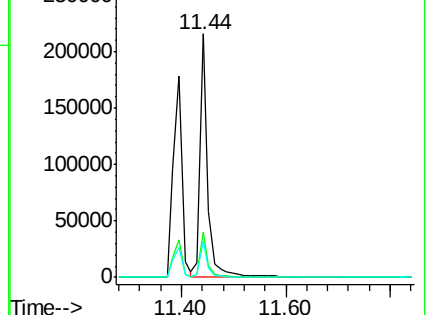
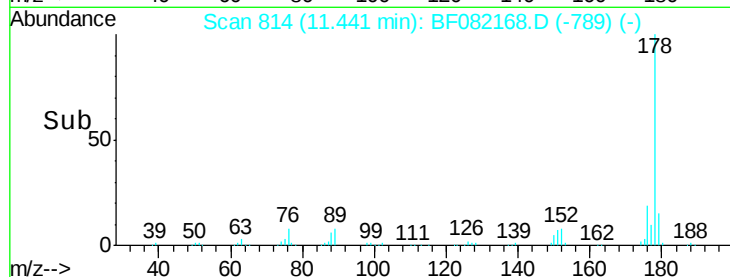
179 15.1 12.5 18.7



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: 11.05 ng

RT: 11.60 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

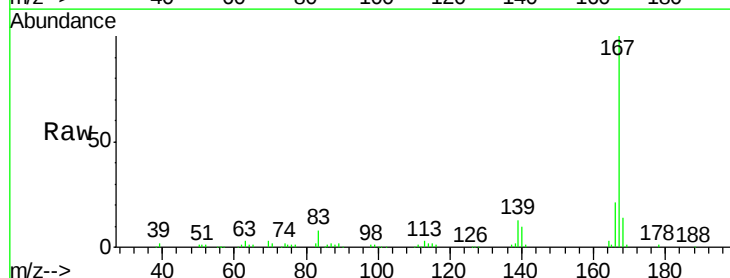
Tgt Ion:167 Resp: 188353

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

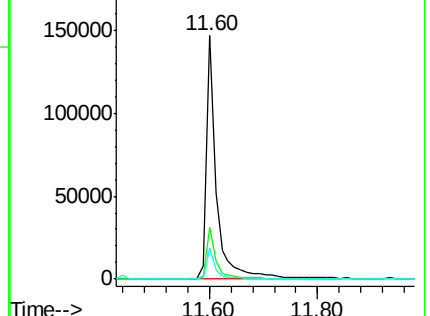
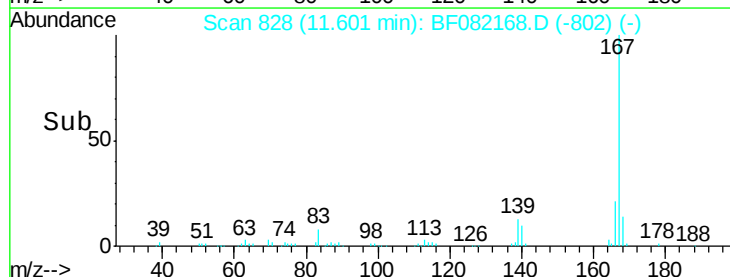
139 13.0 11.2 16.8

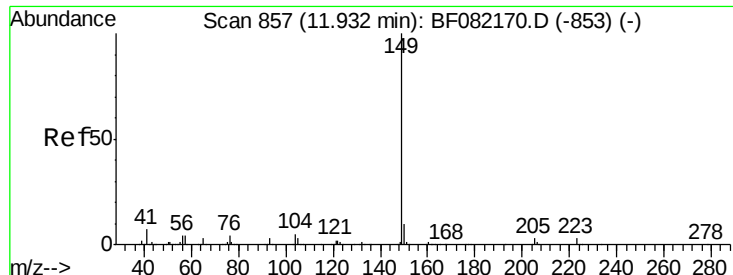


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 12.34 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampleId :

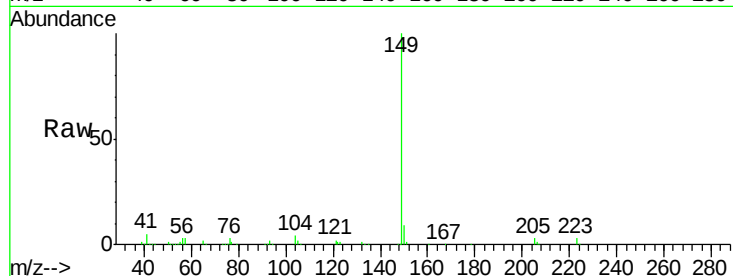
Tot Ion:149 Resp: 240536

Ion Ratio Lower Upper

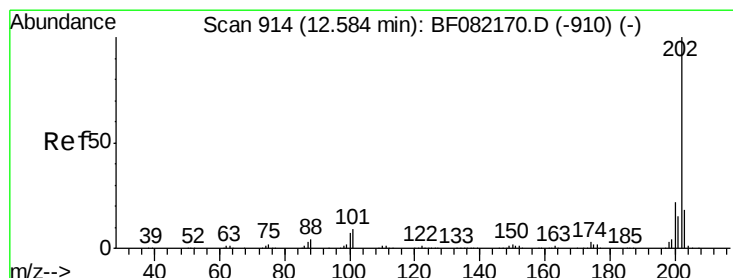
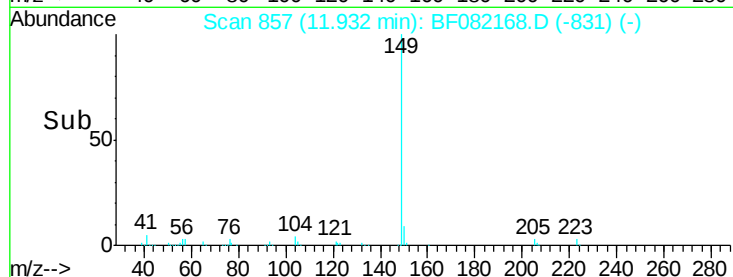
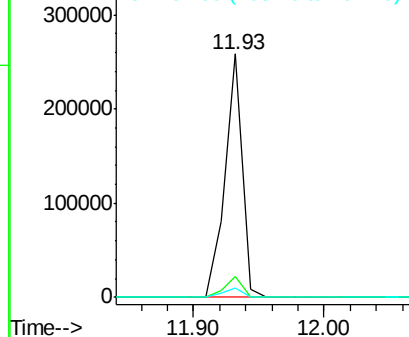
149 100

150 8.6 7.8 11.6

104 3.7 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 10.56 ng

RT: 12.57 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

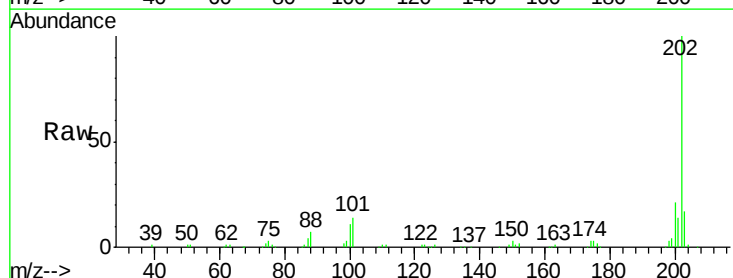
Tgt Ion:202 Resp: 212834

Ion Ratio Lower Upper

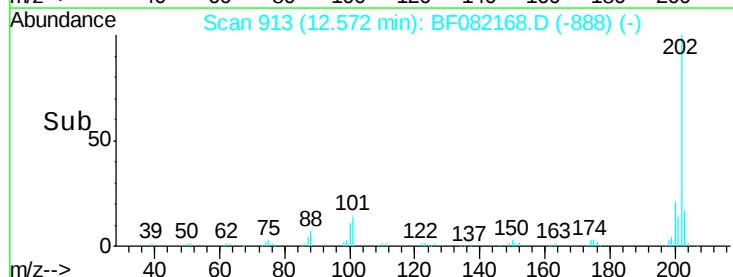
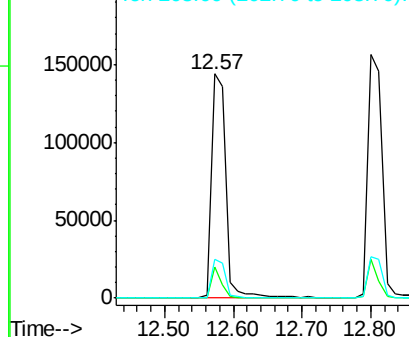
202 100

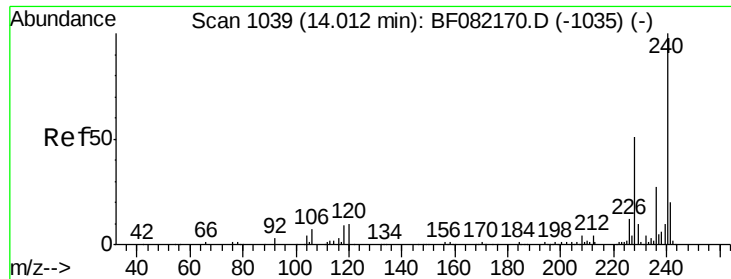
101 14.1 0.0 29.3

203 17.4 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: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampleId :

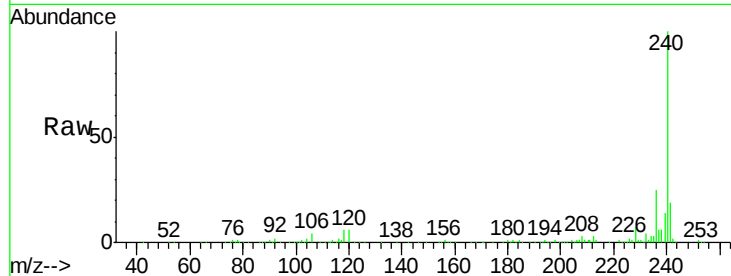
Tot Ion:240 Resp: 367293

Ion Ratio Lower Upper

240 100

120 6.2 8.1 12.1#

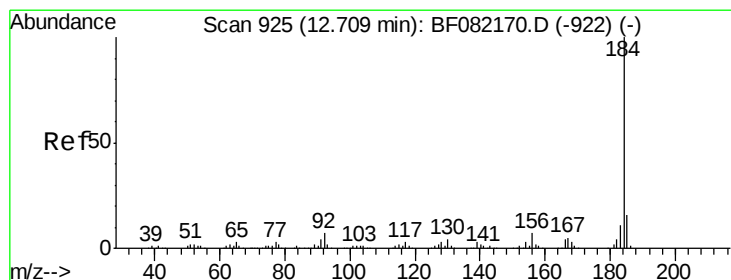
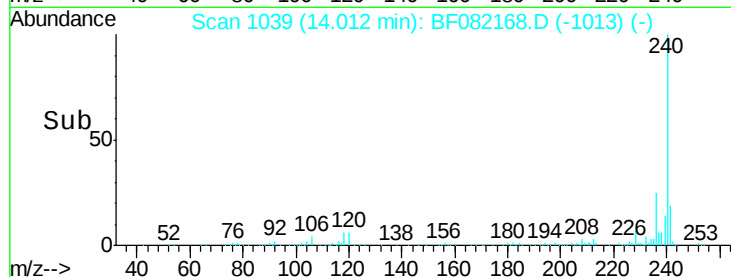
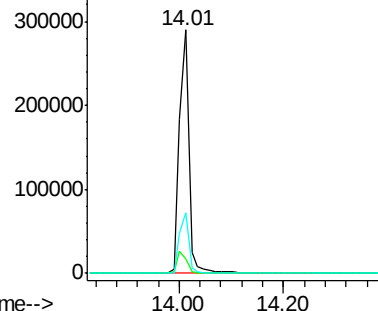
236 25.1 21.3 31.9



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: 11.29 ng

RT: 12.71 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

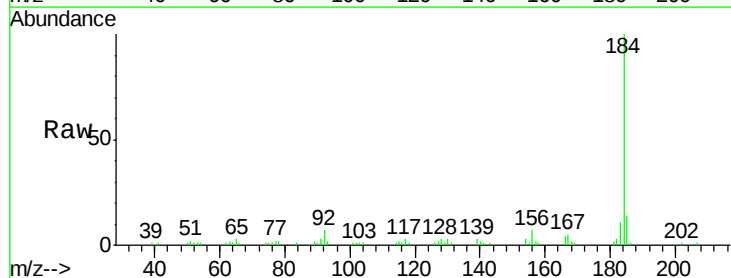
Tgt Ion:184 Resp: 122759

Ion Ratio Lower Upper

184 100

185 13.6 12.5 18.7

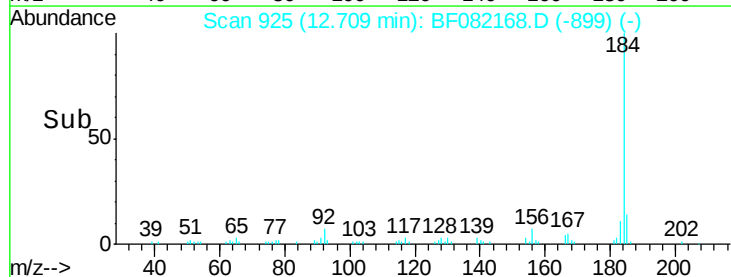
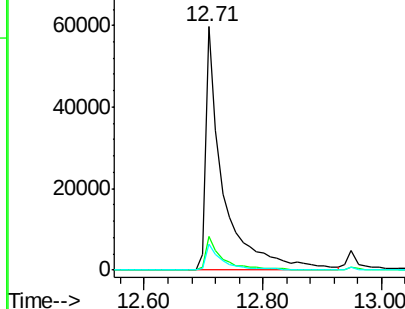
183 10.9 9.1 13.7

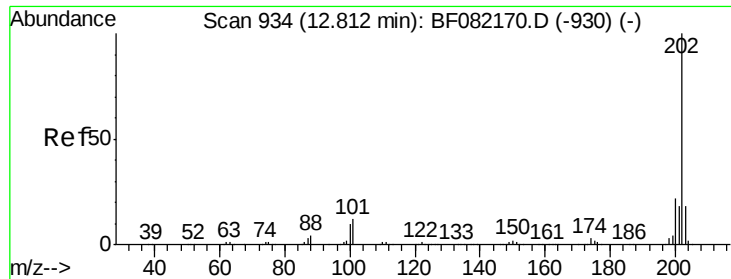


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

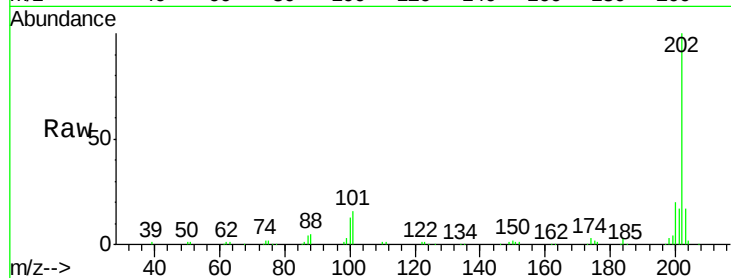




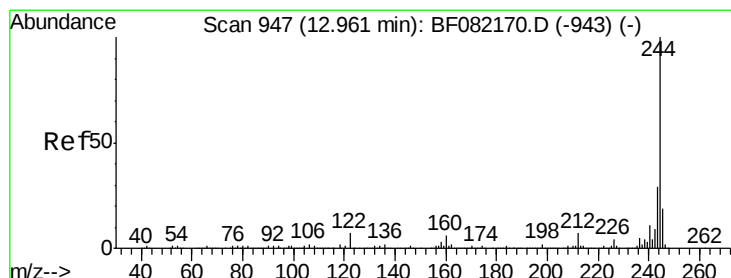
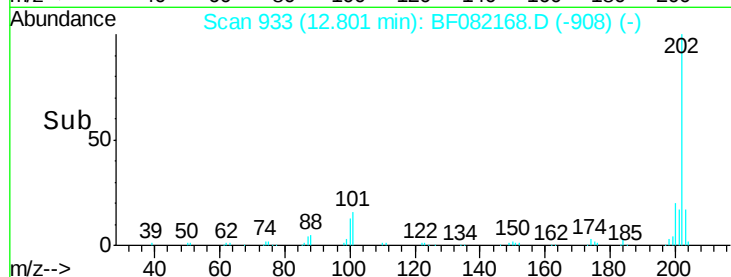
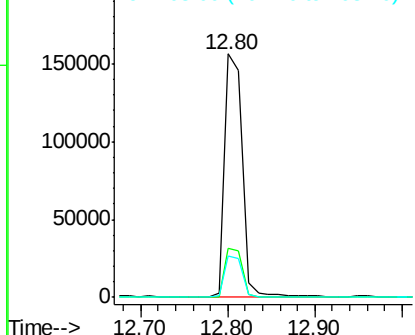
#77
Pvrene
Concen: 10.19 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.9	26.9
203	16.8	14.5	21.7

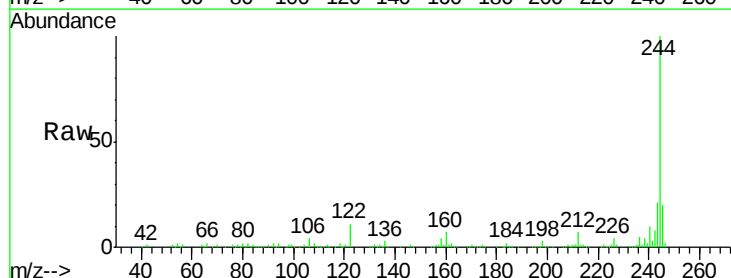


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

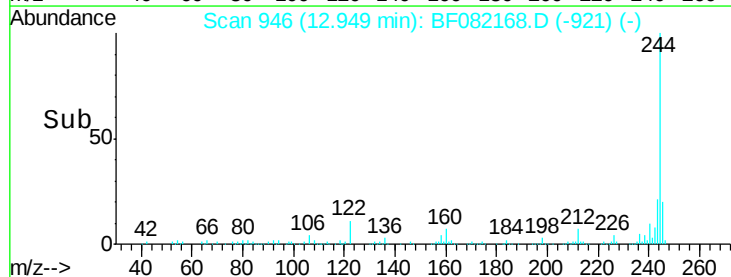
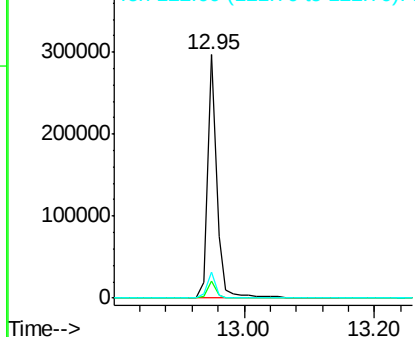


#78
Terphenyl-d14
Concen: 22.41 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	10.6	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

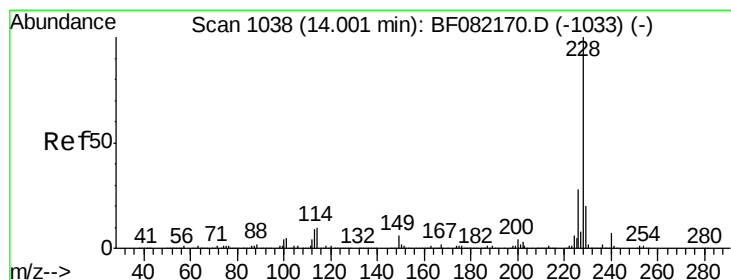
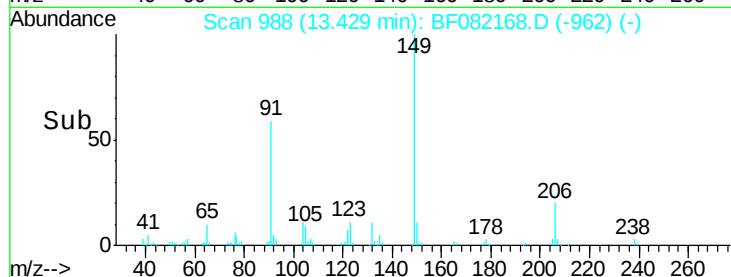
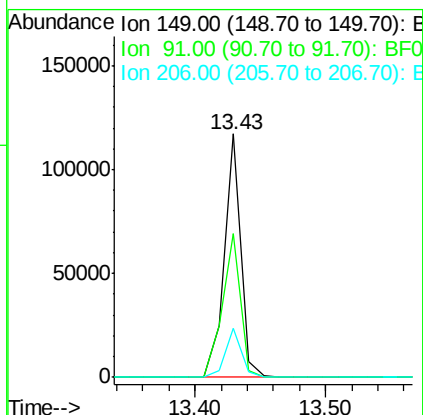
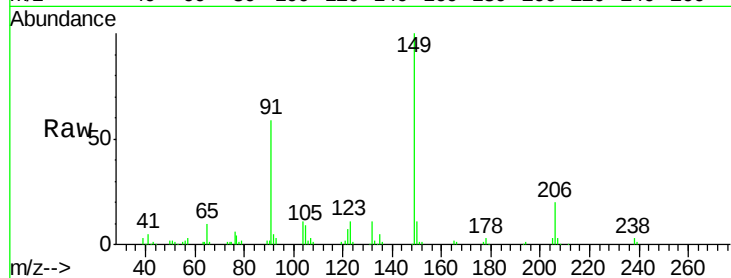




#79
Butylbenzylphthalate
Concen: 12.38 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

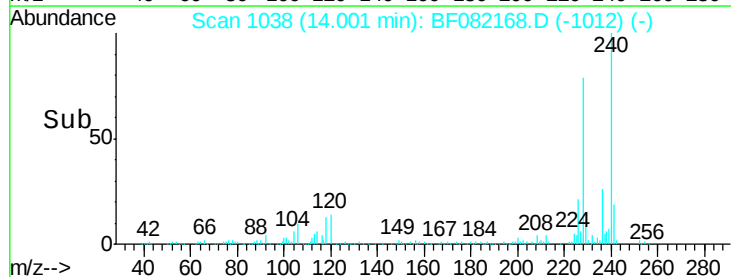
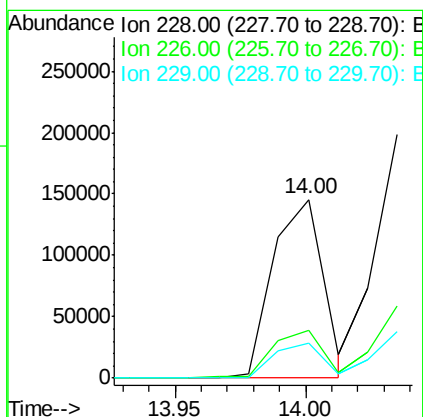
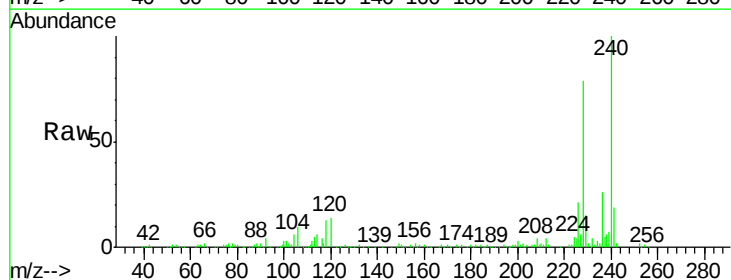
Instrument :
BNA_F
ClientSampleId :

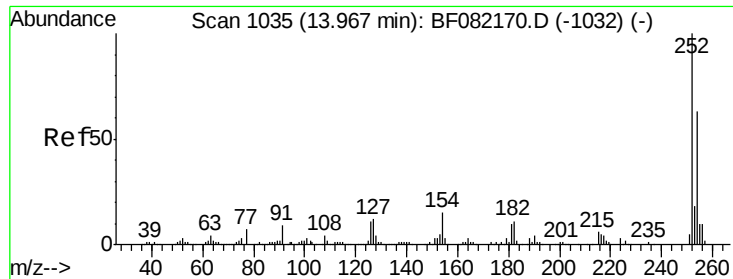
Tot Ion:149 Resp: 103217
Ion Ratio Lower Upper
149 100
91 59.0 55.7 83.5
206 20.4 15.6 23.4



#80
Benzo(a)anthracene
Concen: 9.89 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082168.D
Acq: 10 Oct 2015 11:01

Tgt Ion:228 Resp: 193946
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 19.4 16.2 24.2

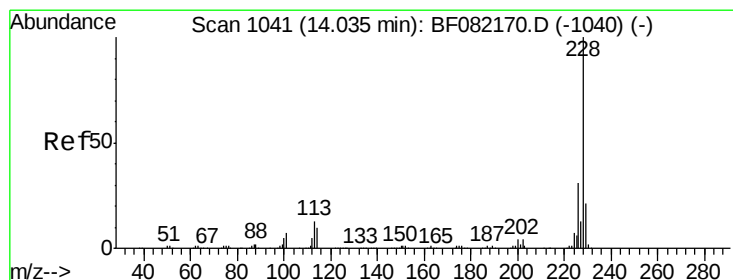
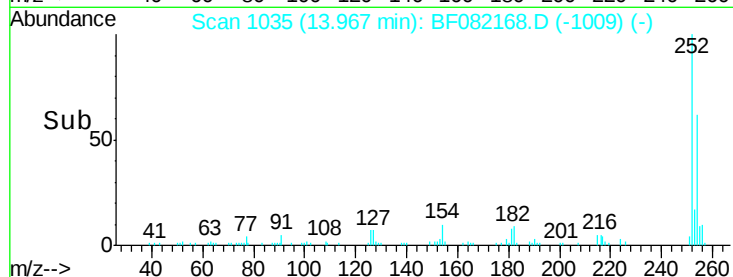
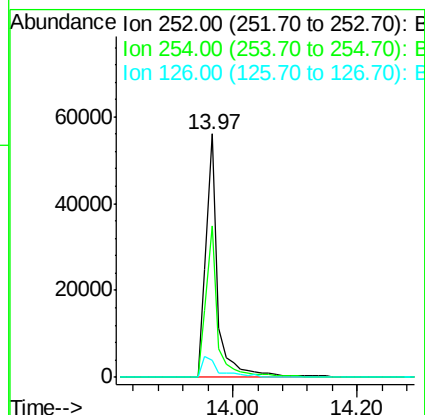
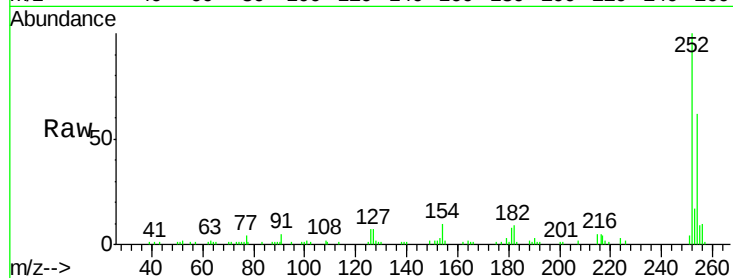




#81
 3,3'-Dichlorobenzidine
 Concen: 11.31 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

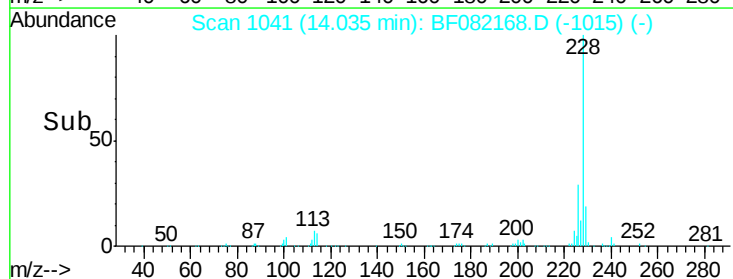
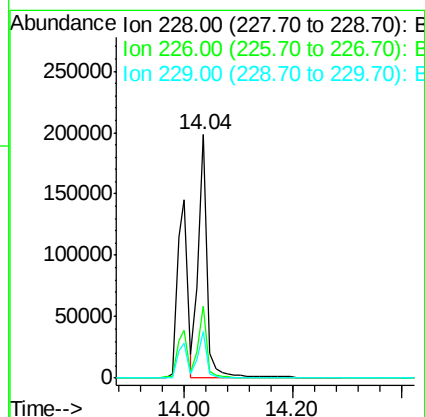
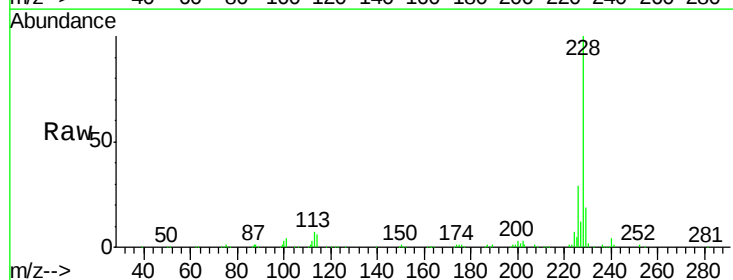
Instrument :
 BNA_F
 ClientSampleId :

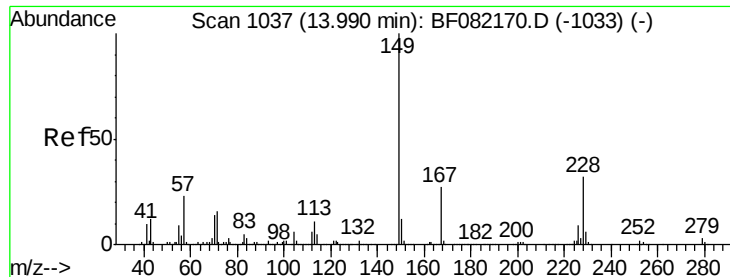
Tot Ion:252 Resp: 75376
 Ion Ratio Lower Upper
 252 100
 254 62.1 50.7 76.1
 126 6.7 9.0 13.6#



#82
 Chrysene
 Concen: 11.65 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Tgt Ion:228 Resp: 218904
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.4 36.6
 229 19.2 16.3 24.5

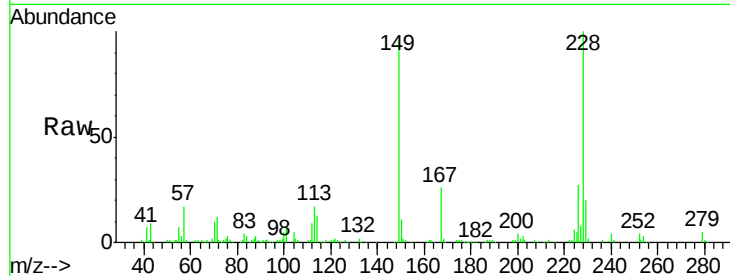




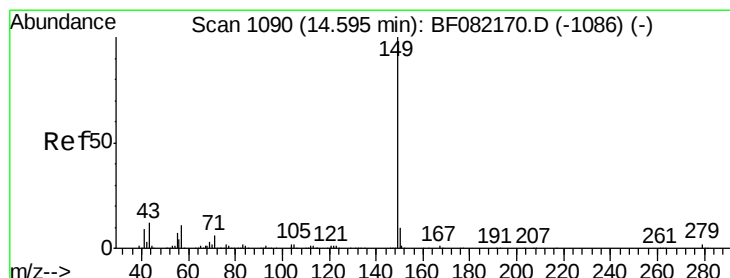
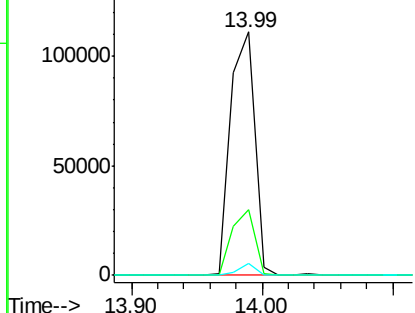
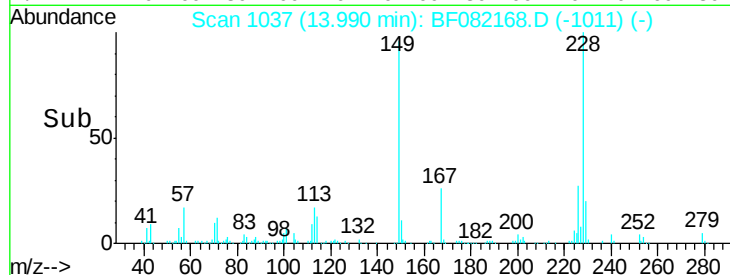
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.27 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 144057
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 4.7 2.6 4.0#

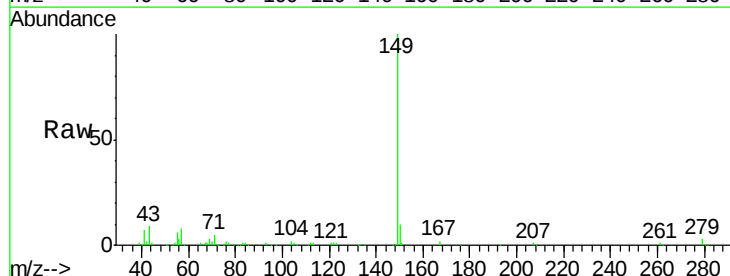


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

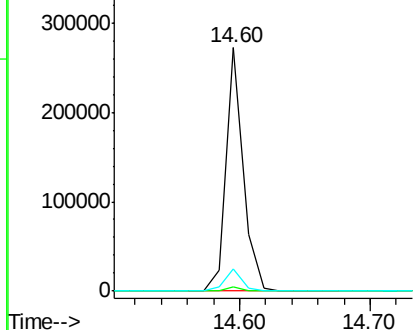
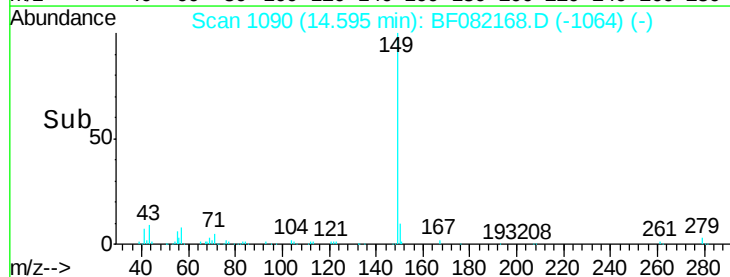


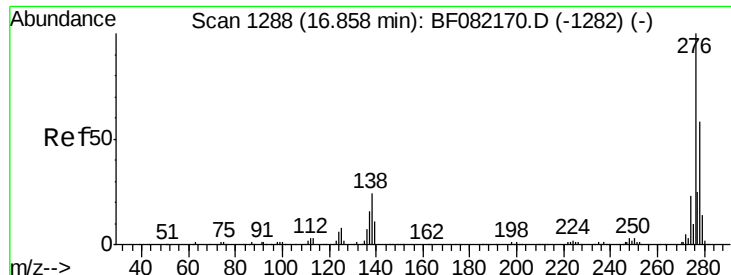
#84
 Di-n-octyl phthalate
 Concen: 14.09 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Tgt Ion:149 Resp: 249759
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.2 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

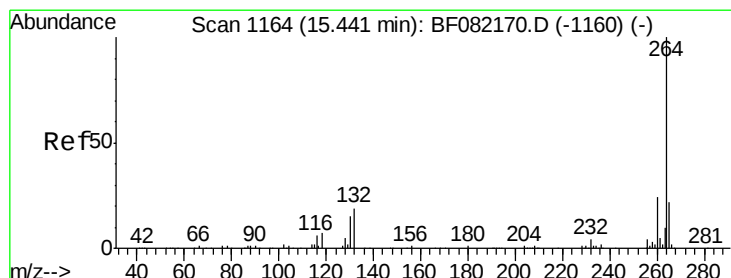
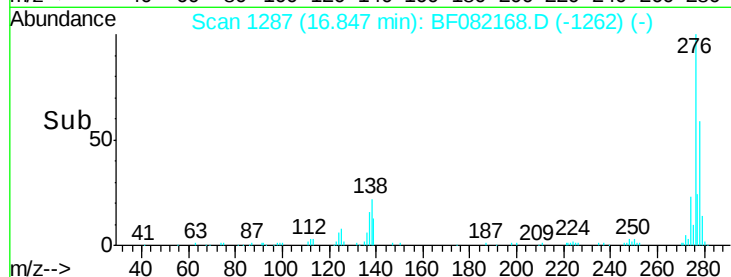
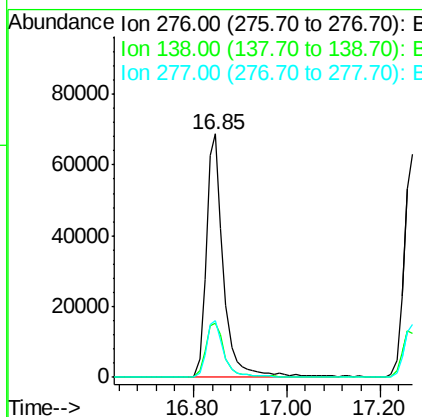
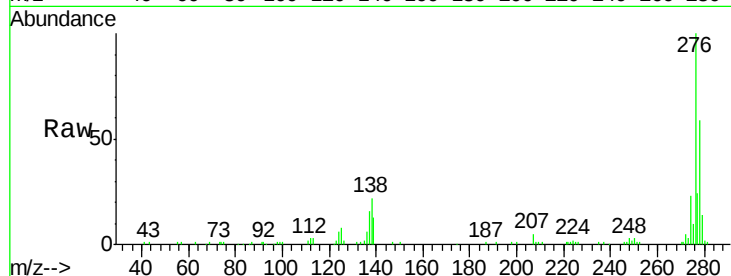




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.60 ng
 RT: 16.85 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

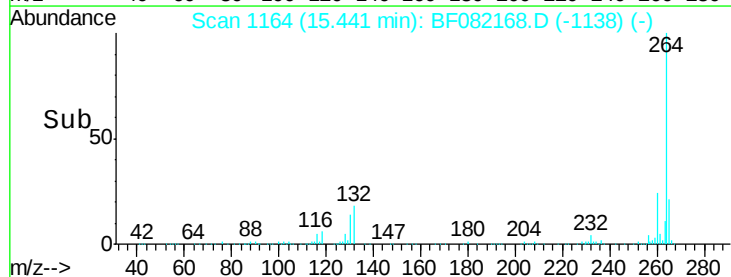
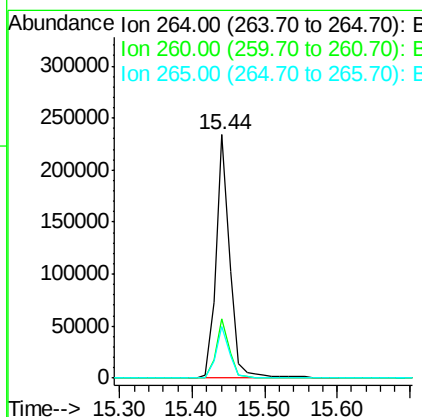
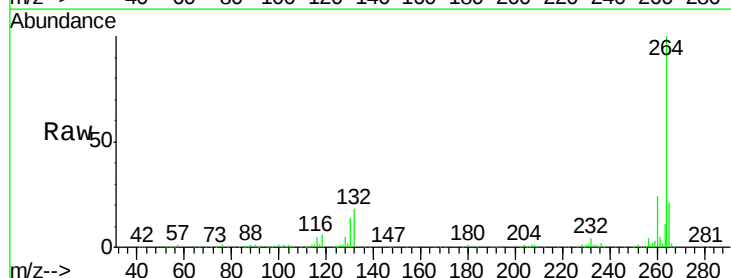
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.7	29.5
277	23.7	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: BF082168.D
 Acq: 10 Oct 2015 11:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 10.28 ng

RT: 15.03 min Scan# 1128

Delta R.T. -0.00 min

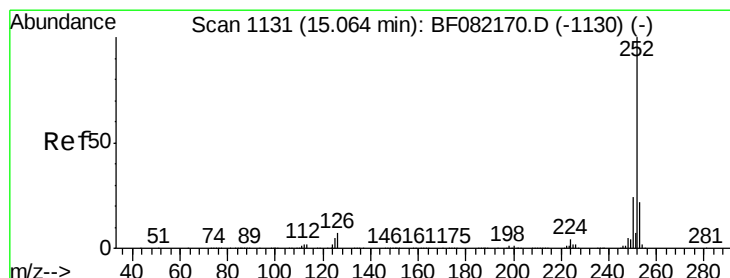
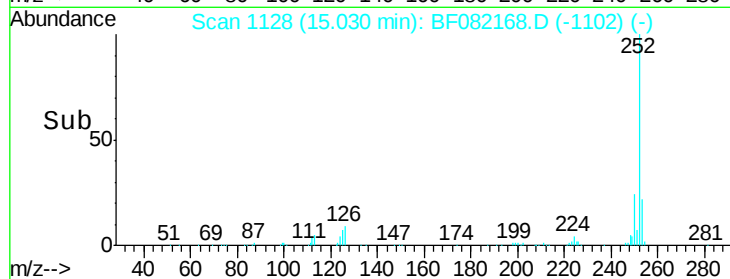
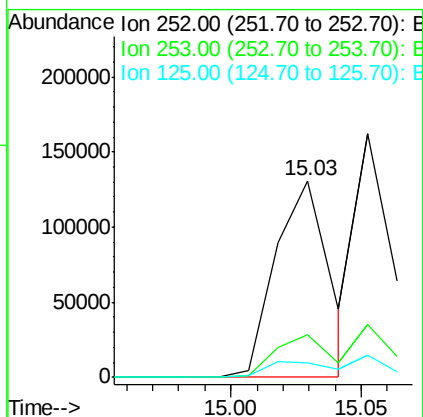
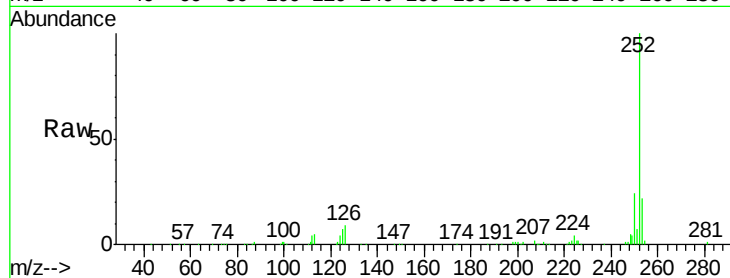
Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 185239

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	7.3	8.6	12.8#



#88

Benzo(k)fluoranthene

Concen: 11.61 ng

RT: 15.03 min Scan# 1128

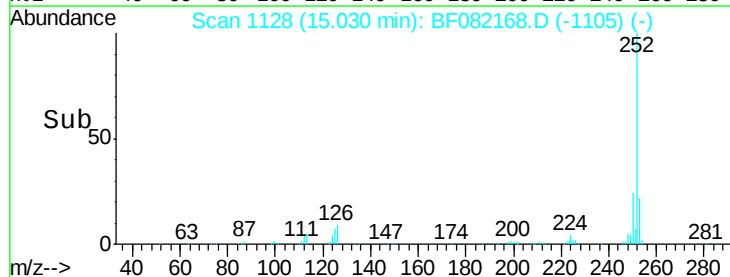
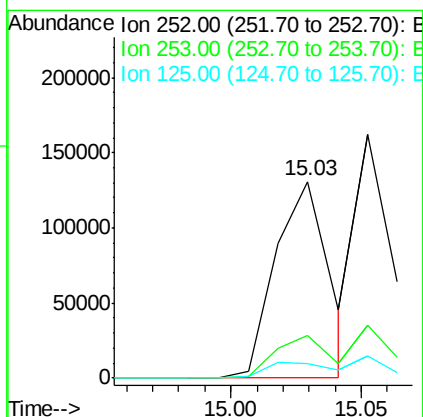
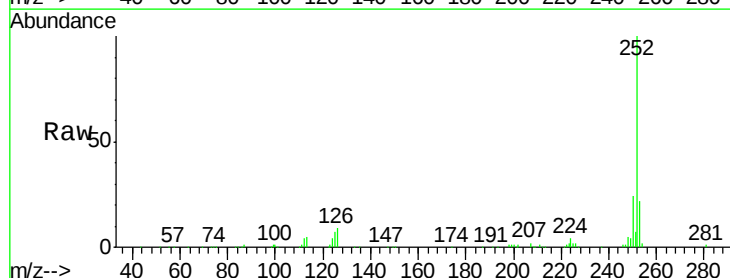
Delta R.T. -0.03 min

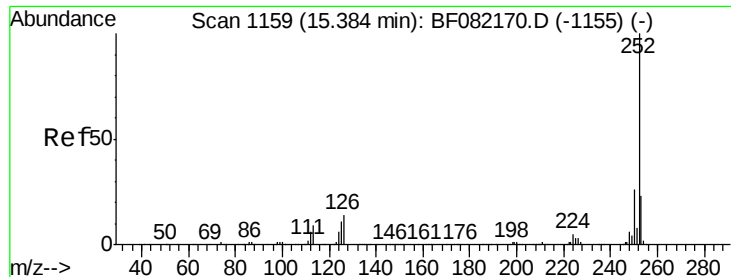
Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Tgt Ion:252 Resp: 185239

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	7.3	6.7	10.1





#89

Benzo(a)pyrene

Concen: 11.09 ng

RT: 15.38 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

Instrument :

BNA_F

ClientSampleId :

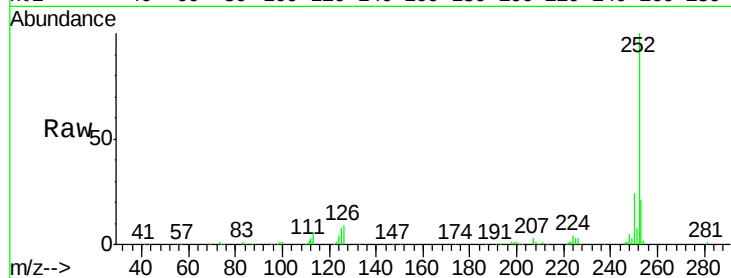
Tot Ion:252 Resp: 170121

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.2

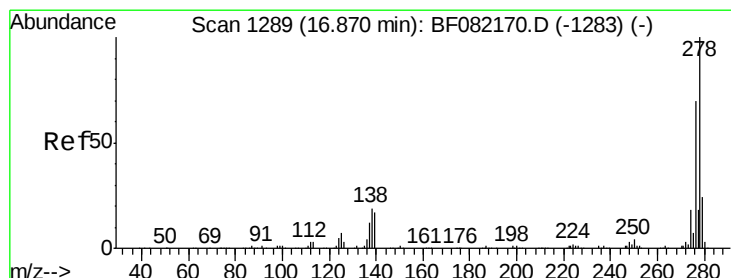
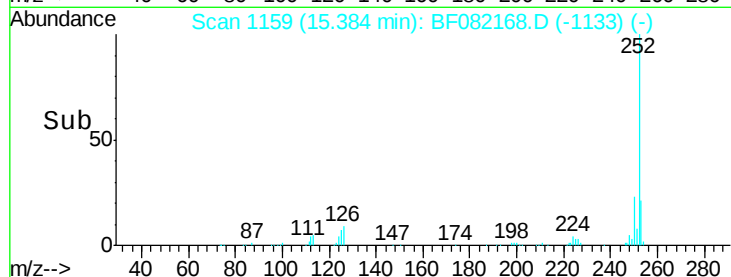
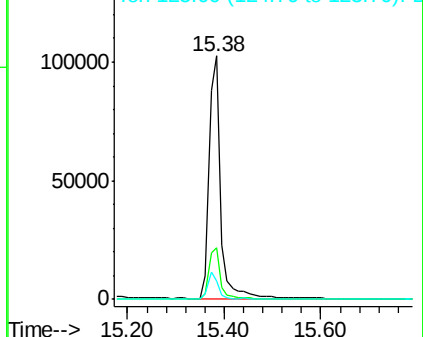
125 7.5 8.9 13.3#



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: 11.27 ng

RT: 16.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF082168.D

Acq: 10 Oct 2015 11:01

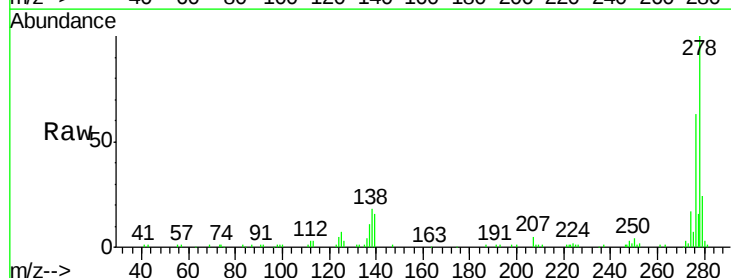
Tgt Ion:278 Resp: 144468

Ion Ratio Lower Upper

278 100

139 16.4 13.3 19.9

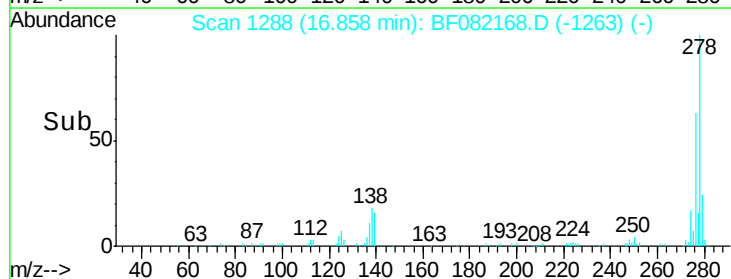
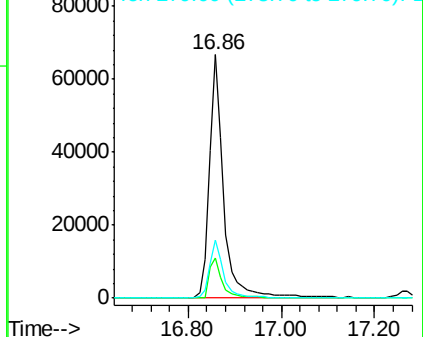
279 23.6 18.9 28.3

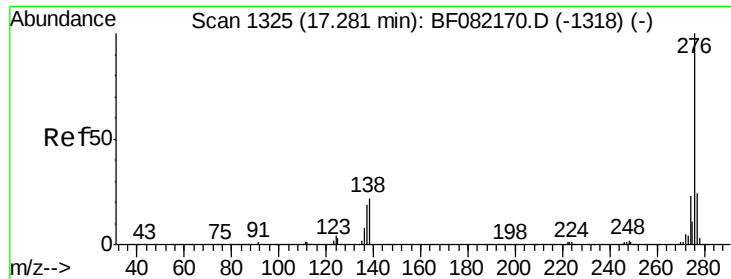


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 10.84 ng
 RT: 17.27 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF082168.D
 Acq: 10 Oct 2015 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	141062
Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	19.5	17.4	26.2

