

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082184.D
 Acq On : 10 Oct 2015 19:09
 Operator : UM/IZ
 Sample : G3979-09MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 02:08:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	319141	20.00	ng	0.16
21) Naphthalene-d8	8.13	136	386526	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	197043	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	377514	20.00	ng	0.00
75) Chrysene-d12	14.01	240	332251	20.00	ng	0.00
86) Perylene-d12	15.44	264	262340	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	632540	40.00	ng	0.02
7) Phenol-d6	6.48	99	814722	39.59	ng	0.00
23) Nitrobenzene-d5	7.42	82	591900	102.84	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	269026	145.58	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1224738	103.08	ng	0.00
78) Terphenyl-d14	12.96	244	1232757	98.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	84581	10.65	ng	# 83
3) Pyridine	3.29	79	132426	7.17	ng	97
4) n-Nitrosodimethylamine	3.22	42	102042	13.02	ng	98
6) Aniline	6.58	93	294078	11.08	ng	# 56
8) 2-Chlorophenol	6.63	128	269742	13.97	ng	90
9) Benzaldehyde	6.39	77	92181	8.77	ng	99
10) Phenol	6.49	94	259902	10.95	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	294212	14.66	ng	95
12) 1,3-Dichlorobenzene	6.86	146	290098	12.90	ng	99
13) 1,4-Dichlorobenzene	6.86	146	290098	12.36	ng	99
14) 1,2-Dichlorobenzene	7.01	146	253404	11.37	ng	100
15) Benzyl Alcohol	6.99	79	214242	15.08	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	369069	13.21	ng	93
17) 2-Methylphenol	7.11	107	212810	13.94	ng	97
18) Hexachloroethane	7.35	117	96053	11.95	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	195682	13.54	ng	96
20) 3+4-Methylphenols	7.26	107	250327	13.76	ng	96
22) Acetophenone	7.26	105	360828	47.19	ng	97
24) Nitrobenzene	7.43	77	260878	41.87	ng	99
25) Isophorone	7.67	82	529870	45.61	ng	100
26) 2-Nitrophenol	7.75	139	157967	50.78	ng	98
27) 2,4-Dimethylphenol	7.78	122	236908	47.27	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	337052	49.87	ng	100
29) 2,4-Dichlorophenol	7.99	162	258291	51.55	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	261137	45.22	ng	98
31) Naphthalene	8.15	128	773638	46.17	ng	100
32) Benzoic acid	7.93	122	162889	48.42	ng	97
33) 4-Chloroaniline	8.21	127	119315	17.15	ng	97
34) Hexachlorobutadiene	8.26	225	157884	43.88	ng	99
35) Caprolactam	8.64	113	12102	8.32	ng	86
36) 4-Chloro-3-methylphenol	8.70	107	256598	52.37	ng	86
37) 2-Methylnaphthalene	8.85	142	570389	49.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	263392	44.94	ng	98
40) Hexachlorocyclopentadiene	8.99	237	278530	92.47	ng	99

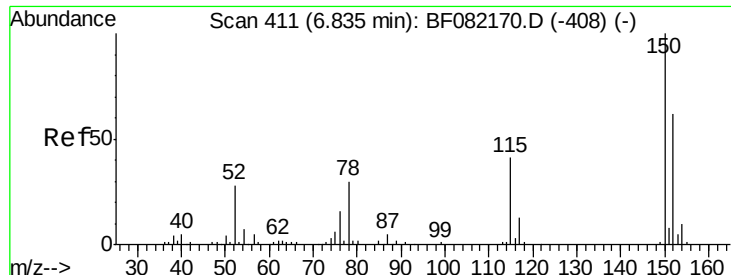
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082184.D
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 Operator : UM/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	174829	44.91	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	203129	48.17	nq	# 94
45) 1,1'-Biphenyl	9.30	154	658079	43.80	nq	99
46) 2-Chloronaphthalene	9.34	162	553602	46.80	nq	99
47) 2-Nitroaniline	9.44	65	159611	49.15	nq	# 64
48) Acenaphthylene	9.75	152	852645	46.27	nq	100
49) Dimethylphthalate	9.61	163	639757	46.11	nq	99
50) 2,6-Dinitrotoluene	9.68	165	149364	51.02	nq	93
51) Acenaphthene	9.92	154	496275	44.86	nq	100
52) 3-Nitroaniline	9.85	138	83145	25.14	nq	99
53) 2,4-Dinitrophenol	9.95	184	163813	98.52	nq	# 85
54) Dibenzofuran	10.09	168	704891	46.41	nq	97
55) 4-Nitrophenol	10.02	139	196743	84.26	nq	95
56) 2,4-Dinitrotoluene	10.08	165	167741	45.84	nq	# 87
57) Fluorene	10.43	166	579067	46.42	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	166353	48.28	nq	96
59) Diethylphthalate	10.31	149	621898	48.08	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	266575	46.66	nq	99
61) 4-Nitroaniline	10.47	138	140026	43.65	nq	95
62) Azobenzene	10.58	77	591425	46.72	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	103921	49.05	nq	80
65) n-Nitrosodiphenylamine	10.55	169	495732	43.86	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	176237	46.65	nq	98
67) Hexachlorobenzene	10.98	284	196975	48.21	nq	95
68) Atrazine	11.07	200	166707	46.55	nq	98
69) Pentachlorophenol	11.18	266	212929	101.27	nq	98
70) Phenanthrene	11.40	178	823471	44.50	nq	100
71) Anthracene	11.45	178	976052	51.19	nq	99
72) Carbazole	11.61	167	828874	47.65	nq	98
73) Di-n-butylphthalate	11.93	149	959683	44.72	nq	100
74) Fluoranthene	12.58	202	912622	45.92	nq	98
76) Benzidine	12.71	184	74701	7.76	nq	100
77) Pyrene	12.81	202	914462	46.38	nq	99
79) Butylbenzylphthalate	13.43	149	410708	45.64	nq	96
80) Benzo(a)anthracene	14.00	228	807530	46.71	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	212115	32.33	nq	100
82) Chrysene	14.05	228	766938	42.10	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	633932	49.38	nq	100
84) Di-n-octyl phthalate	14.61	149	1035441	46.97	nq	99
85) Indeno(1,2,3-cd)pyrene	16.86	276	646401	44.65	nq	99
87) Benzo(b)fluoranthene	15.06	252	1434538	89.88	nq	99
88) Benzo(k)fluoranthene	15.06	252	1436624	107.09	nq	98
89) Benzo(a)pyrene	15.38	252	675998	49.28	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	542695	48.28	nq	99
91) Benzo(g,h,i)perylene	17.28	276	530645	48.59	nq	99

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

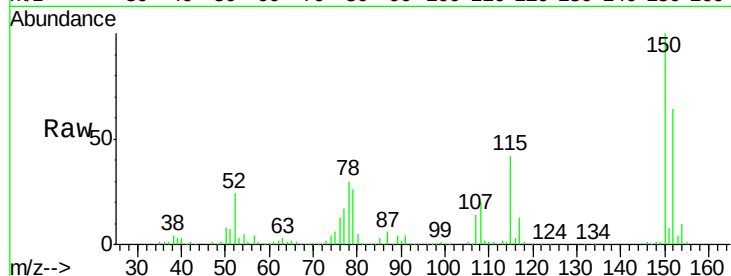


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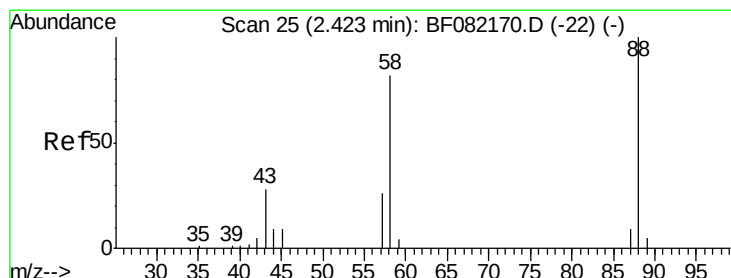
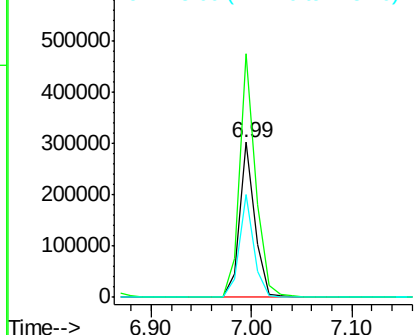
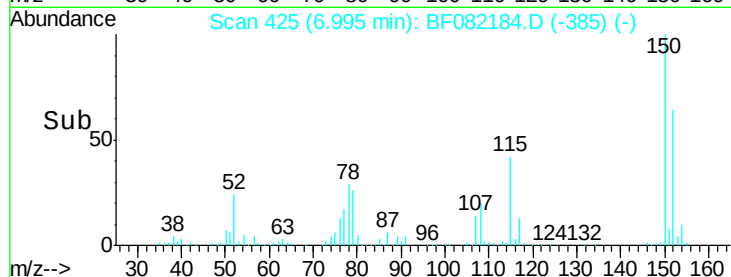
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 425
Delta R.T. 0.16 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 319141
Ion Ratio Lower Upper
152 100
150 156.9 129.0 193.4
115 65.9 52.1 78.1



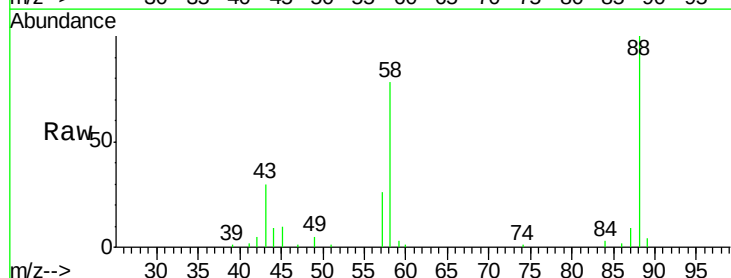
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



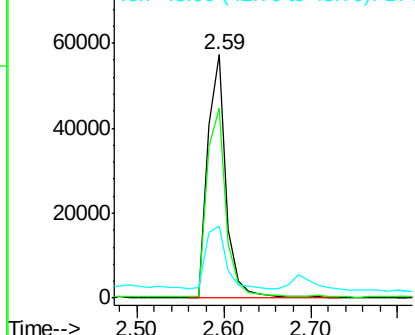
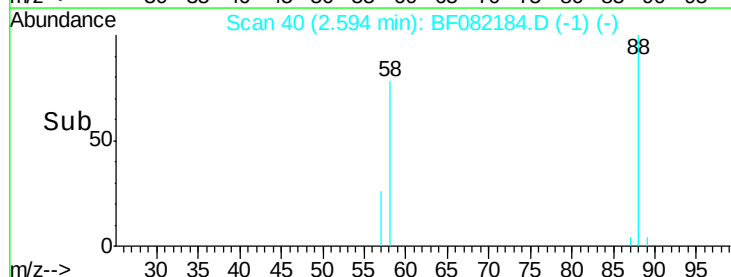
#2

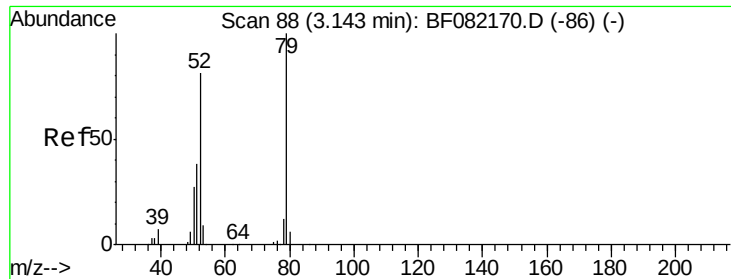
1,4-Dioxane
Concen: 10.65 ng
RT: 2.59 min Scan# 40
Delta R.T. 0.17 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion: 88 Resp: 84581
Ion Ratio Lower Upper
88 100
58 79.1 66.2 99.4
43 0.0 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: 7.17 ng

RT: 3.29 min Scan# 101

Delta R.T. 0.15 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

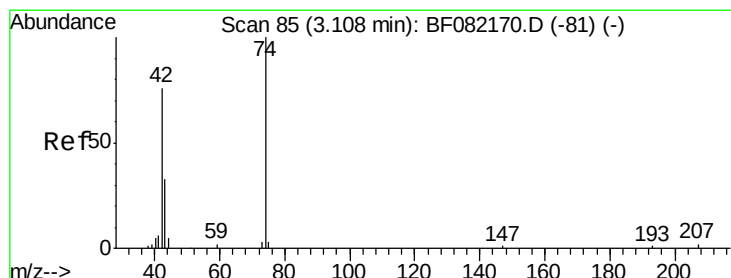
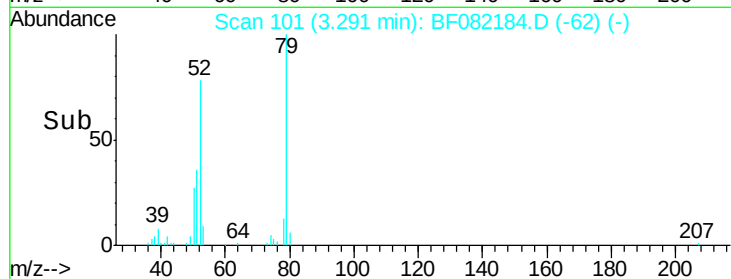
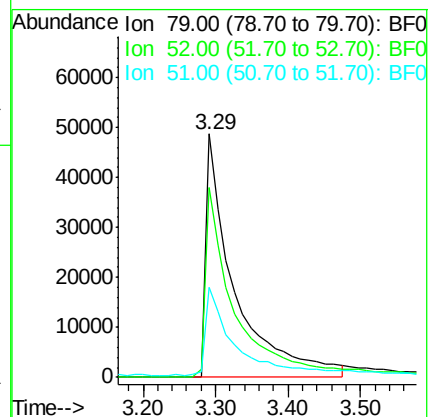
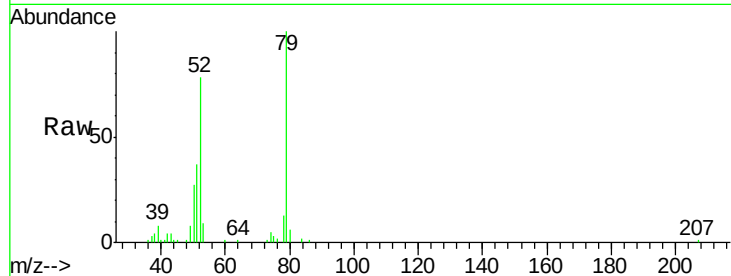
Tot Ion: 79 Resp: 132426

Ion Ratio Lower Upper

79 100

52 78.1 64.4 96.6

51 36.8 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 13.02 ng

RT: 3.22 min Scan# 95

Delta R.T. 0.11 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

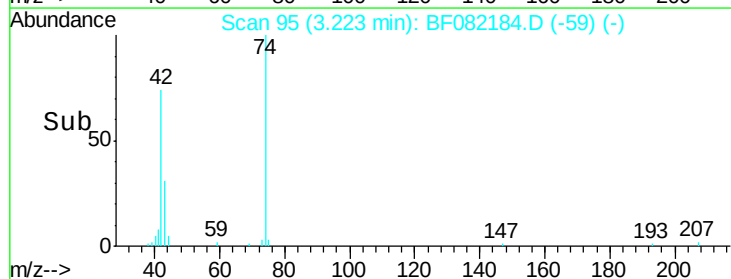
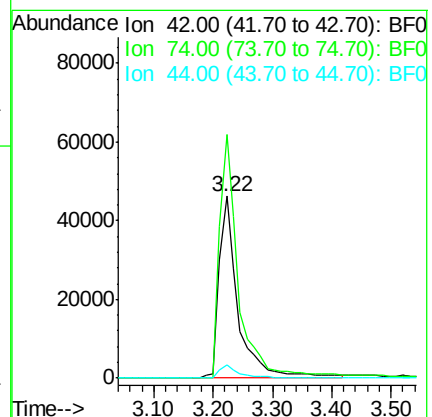
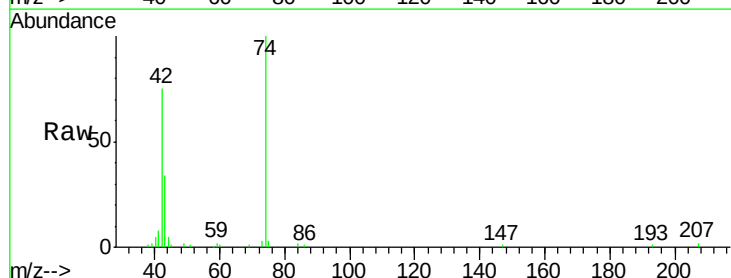
Tgt Ion: 42 Resp: 102042

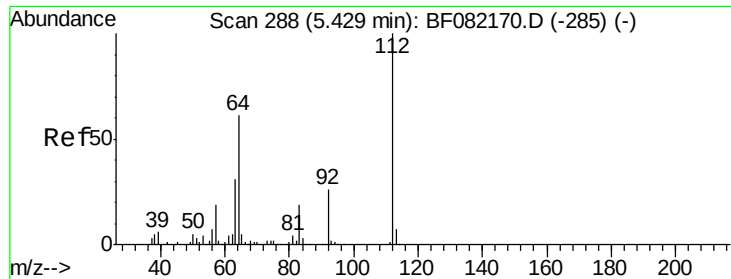
Ion Ratio Lower Upper

42 100

74 134.1 105.7 158.5

44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 40.00 ng

RT: 5.45 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

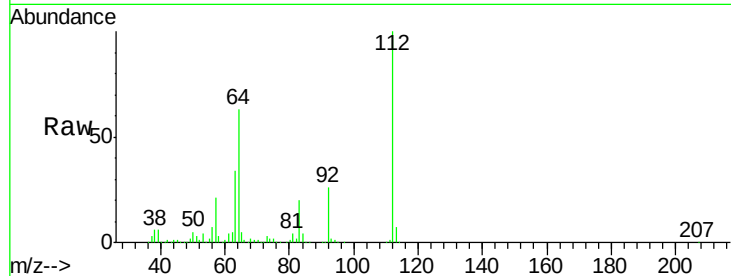
Tot Ion:112 Resp: 632540

Ion Ratio Lower Upper

112 100

64 63.4 48.6 73.0

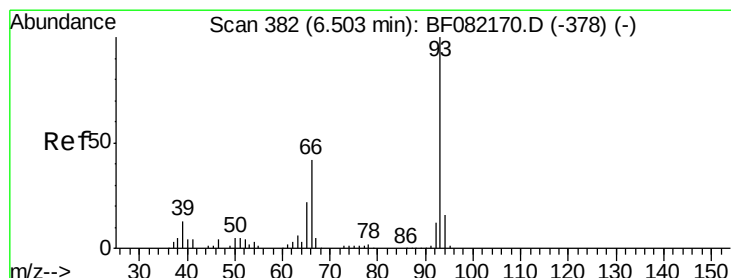
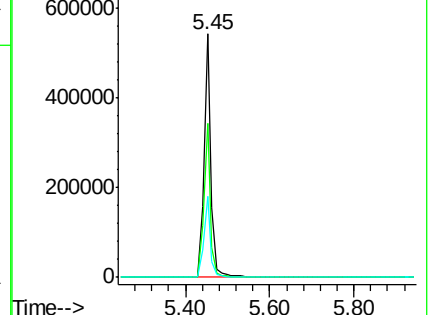
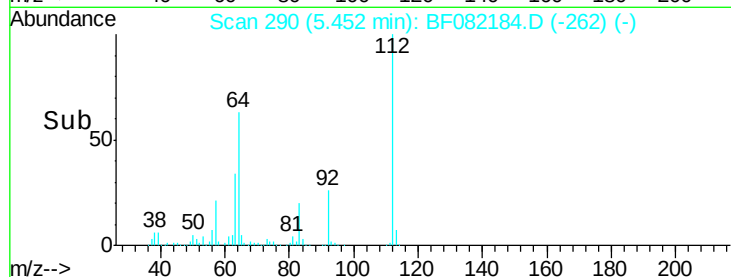
63 33.5 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.08 ng

RT: 6.58 min Scan# 389

Delta R.T. 0.08 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

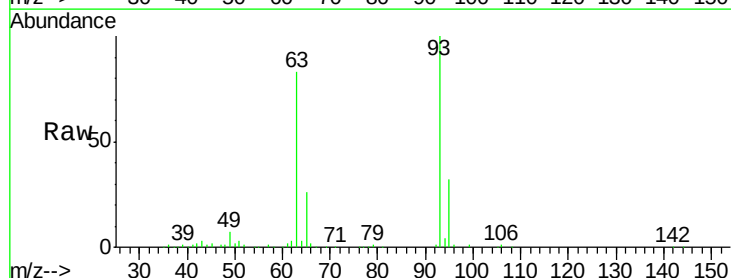
Tgt Ion: 93 Resp: 294078

Ion Ratio Lower Upper

93 100

66 2.1 34.2 51.2#

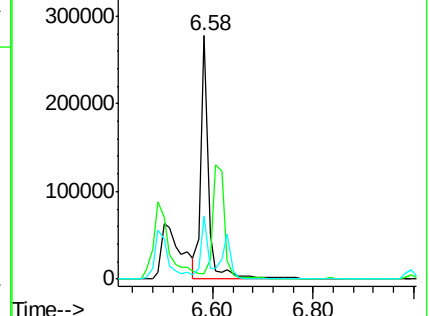
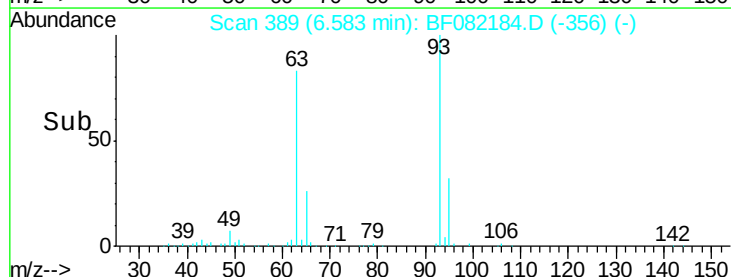
65 25.9 17.9 26.9

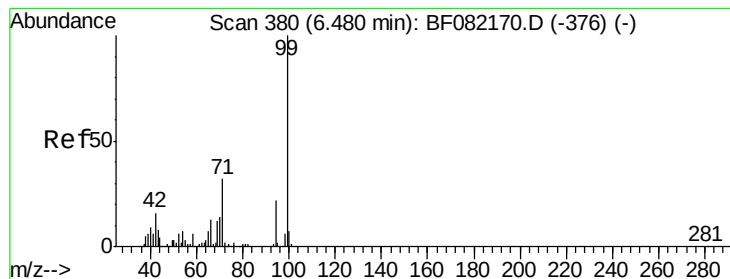


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 39.59 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

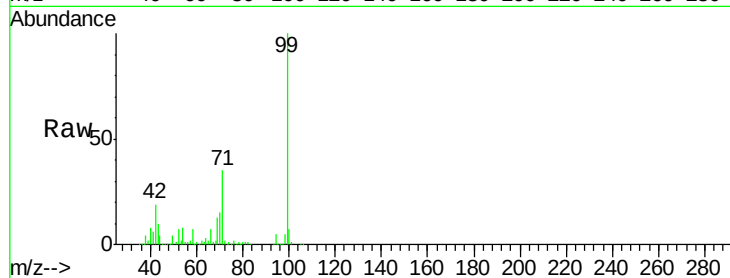
Tot Ion: 99 Resp: 814722

Ion Ratio Lower Upper

99 100

42 18.7 13.2 19.8

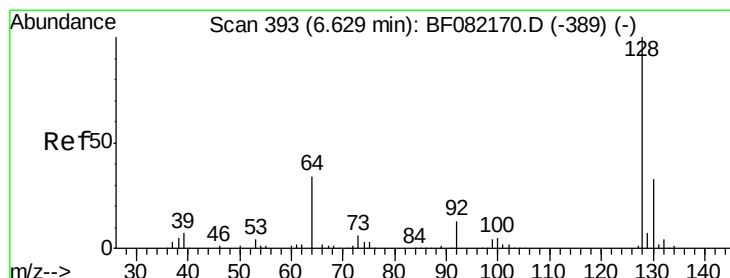
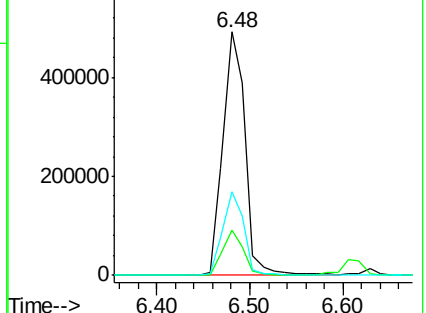
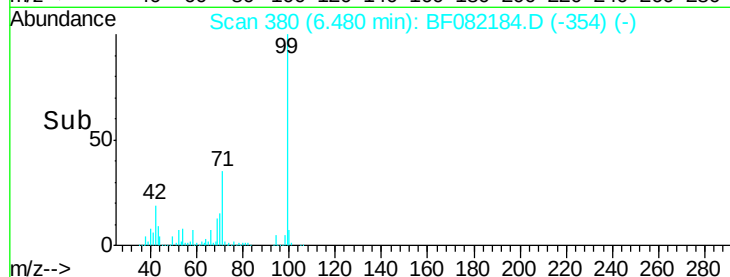
71 34.5 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 13.97 ng

RT: 6.63 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

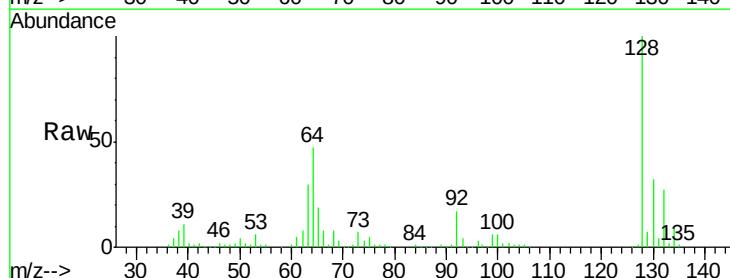
Tgt Ion: 128 Resp: 269742

Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

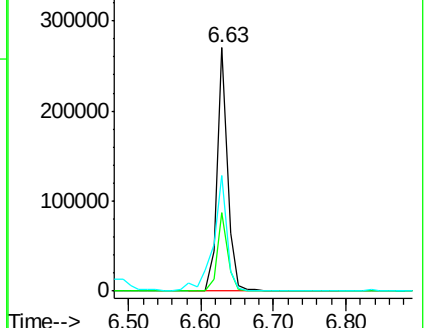
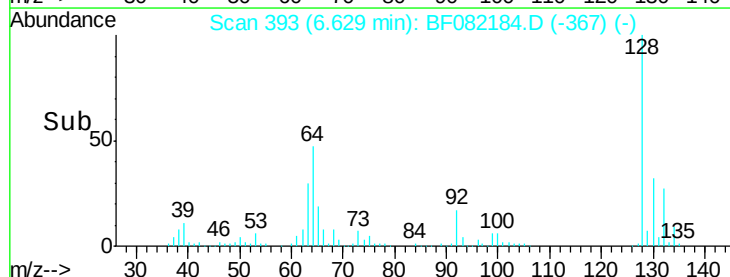
64 47.5 16.7 56.7

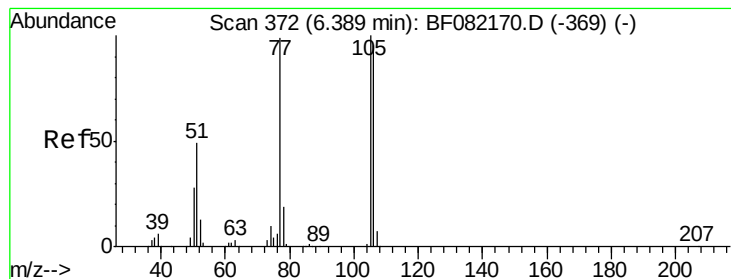


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.77 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampled :

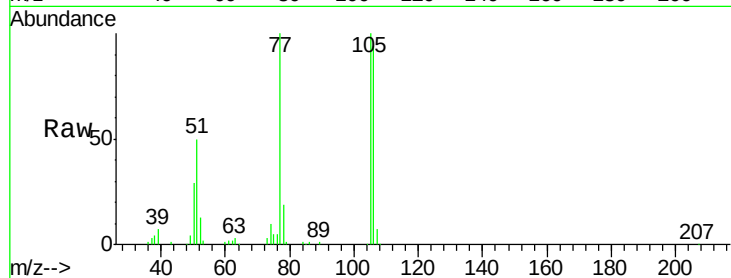
Tot Ion: 77 Resp: 92181

Ion Ratio Lower Upper

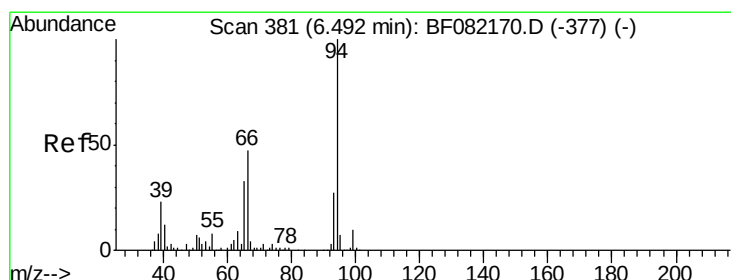
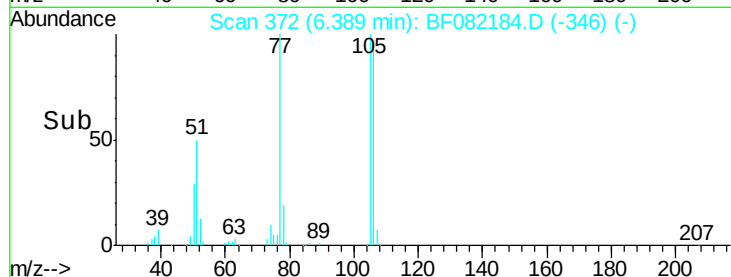
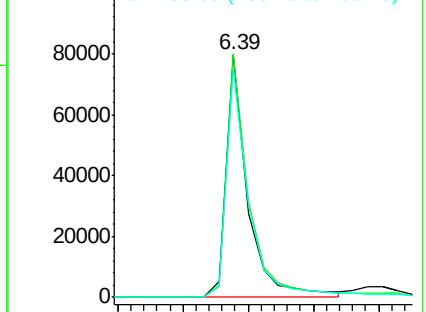
77 100

105 100.4 80.6 120.6

106 94.3 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: 10.95 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

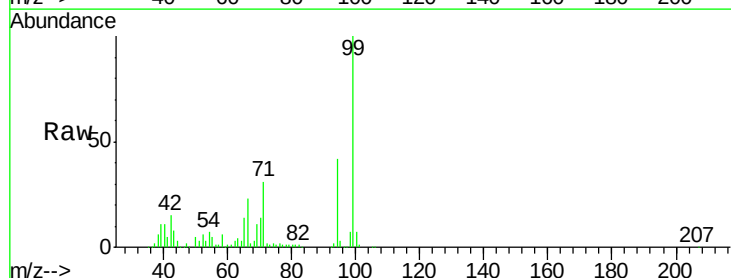
Tgt Ion: 94 Resp: 259902

Ion Ratio Lower Upper

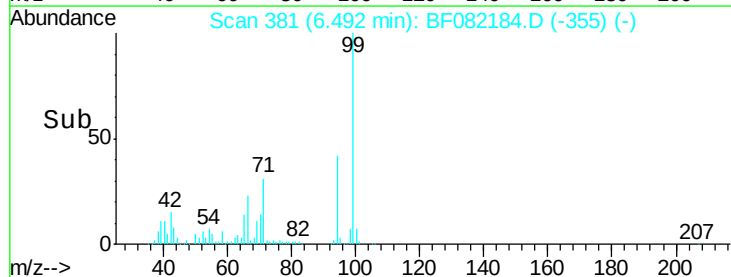
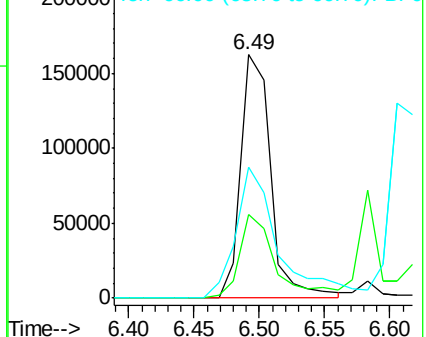
94 100

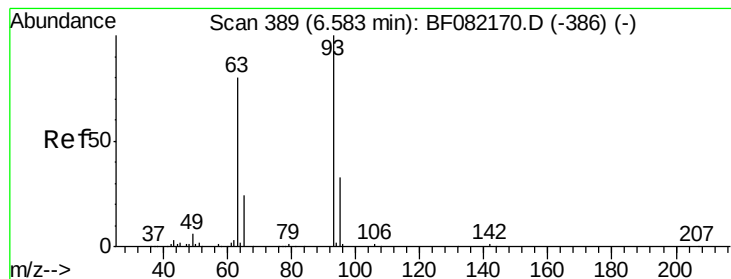
65 34.6 12.6 52.6

66 53.9 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: 14.66 ng

RT: 6.58 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

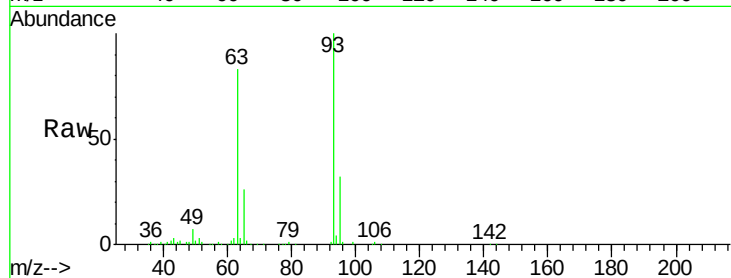
Tot Ion: 93 Resp: 294212

Ion Ratio Lower Upper

93 100

63 83.1 57.1 97.1

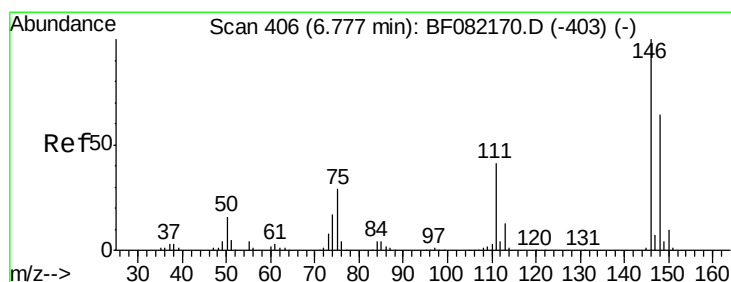
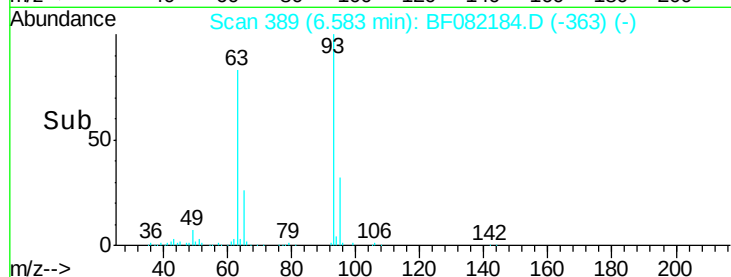
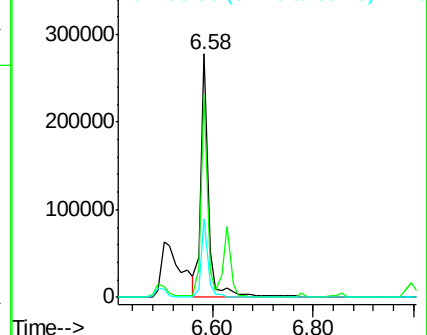
95 32.2 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 12.90 ng

RT: 6.86 min Scan# 413

Delta R.T. 0.08 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

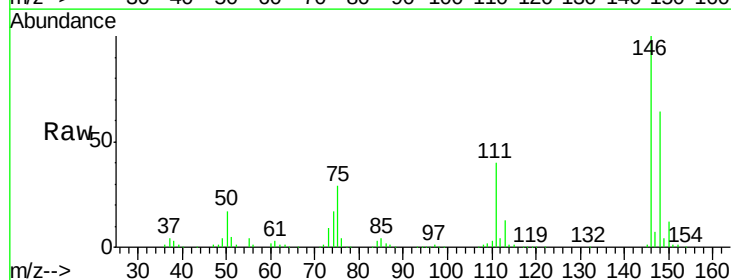
Tgt Ion: 146 Resp: 290098

Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.2

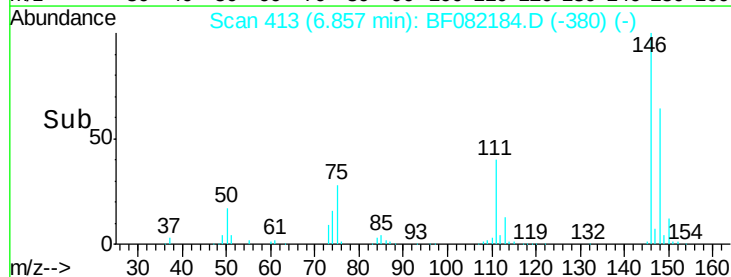
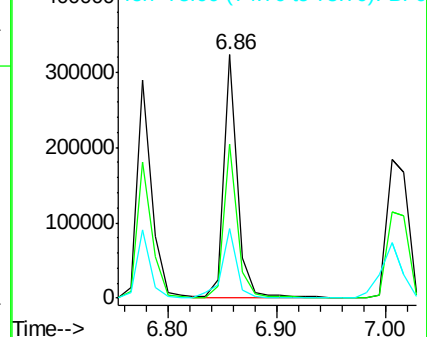
75 28.6 23.0 34.6

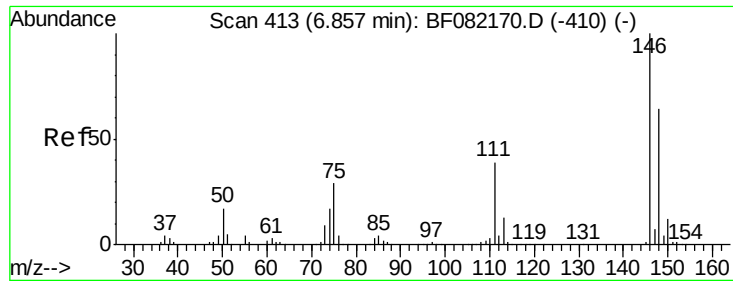


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

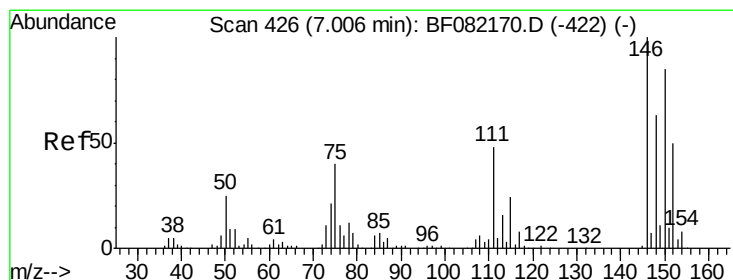
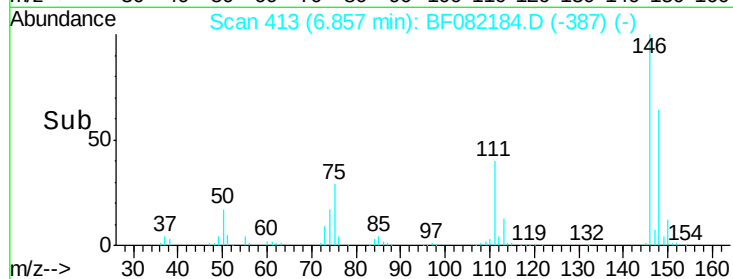
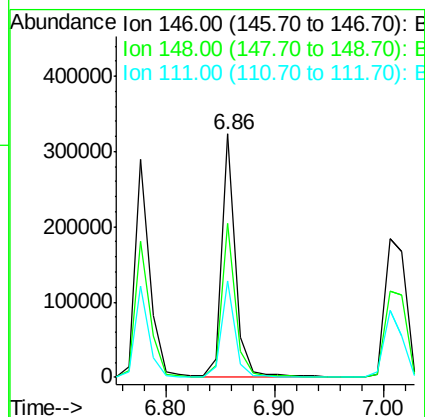
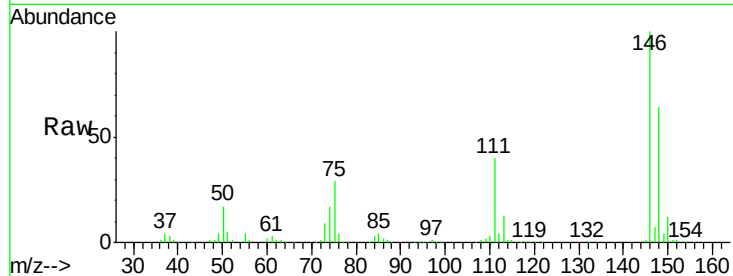




#13
 1,4-Dichlorobenzene
 Concen: 12.36 ng
 RT: 6.86 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

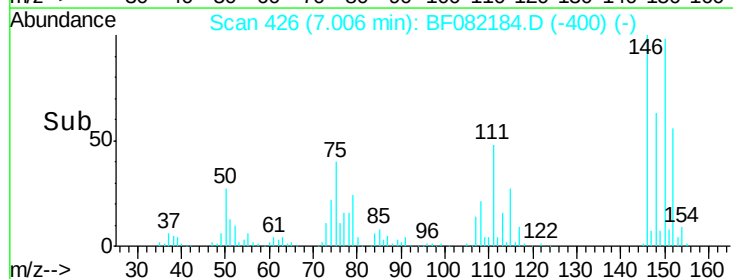
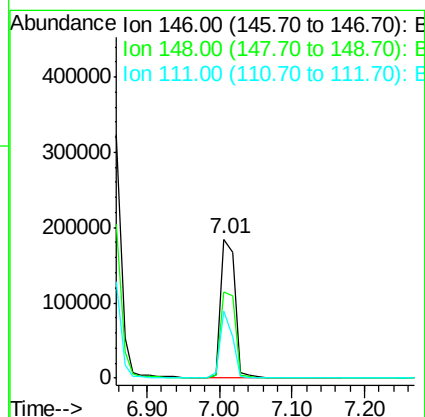
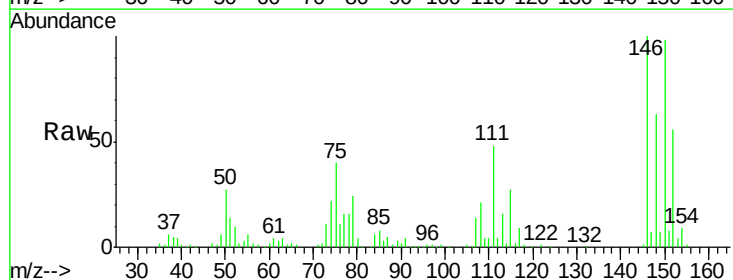
Instrument :
 BNA_F
 ClientSampleId :

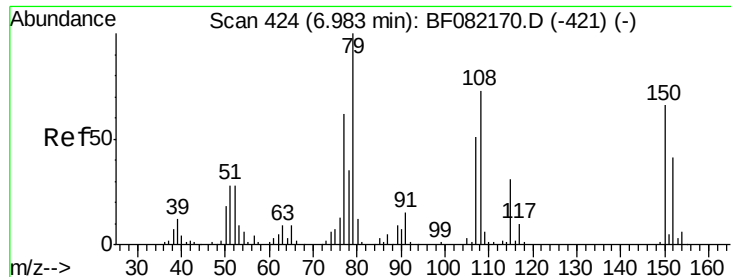
Tot Ion:146 Resp: 290098
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.4
 111 39.7 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 11.37 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion:146 Resp: 253404
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.5 75.7
 111 48.2 38.5 57.7

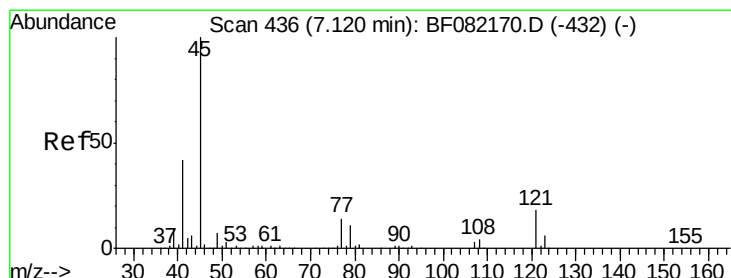
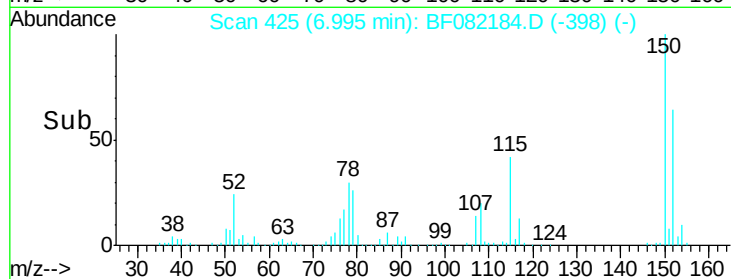
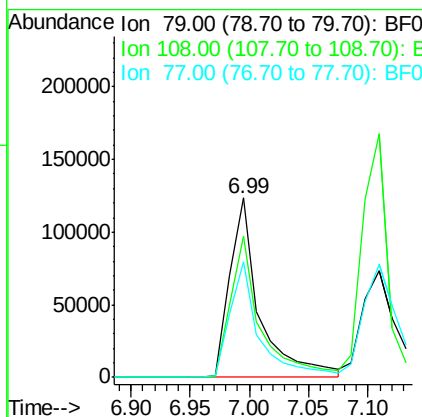
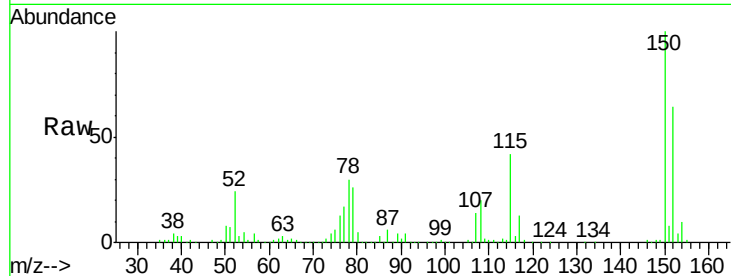




#15
Benzyl Alcohol
Concen: 15.08 ng
RT: 6.99 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

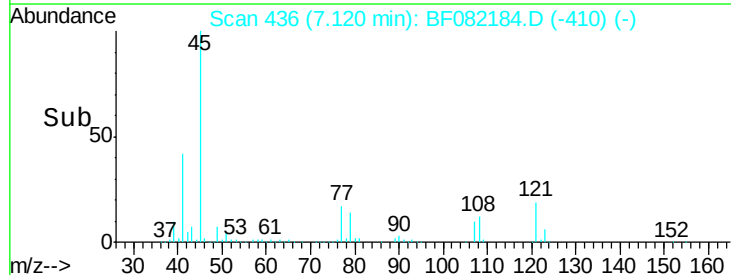
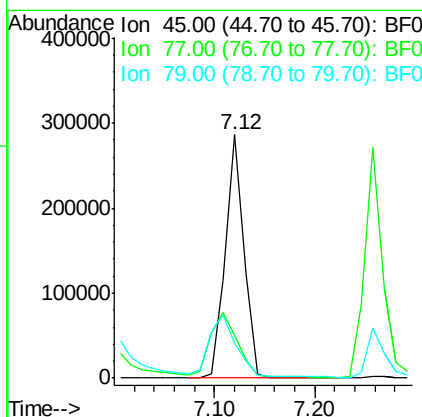
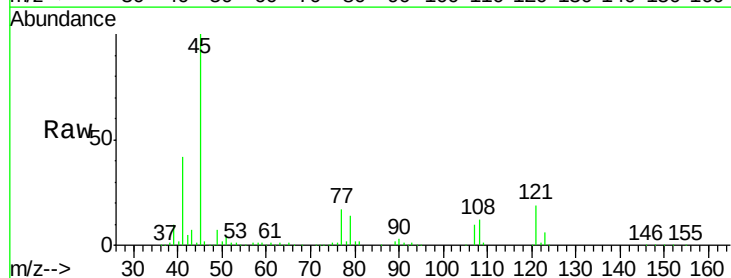
Instrument :
BNA_F
ClientSampled :

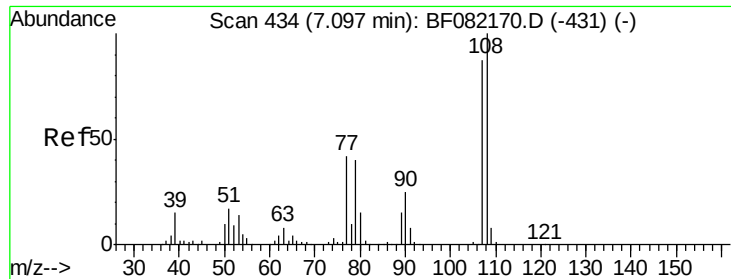
Tot Ion: 79 Resp: 214242
Ion Ratio Lower Upper
79 100
108 78.6 58.4 87.6
77 64.7 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 13.21 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion: 45 Resp: 369069
Ion Ratio Lower Upper
45 100
77 17.3 0.0 34.5
79 14.3 0.0 31.6

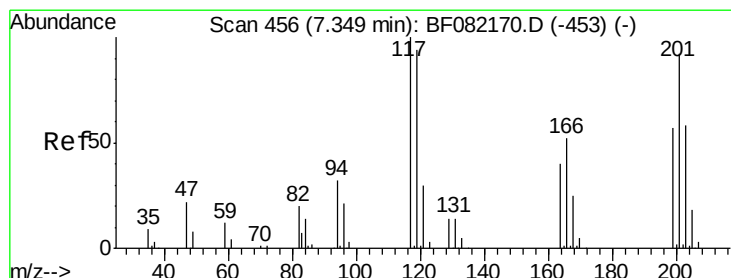
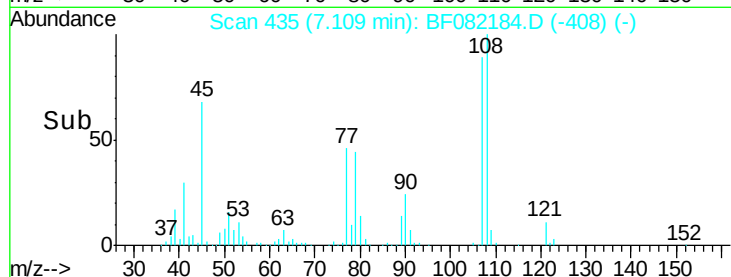
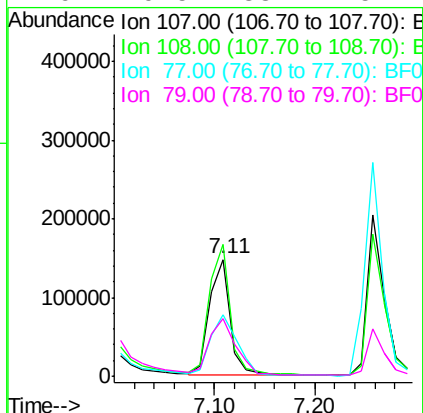
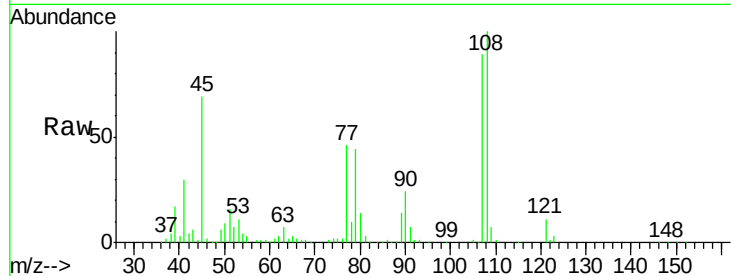




#17
2-Methylphenol
Concen: 13.94 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

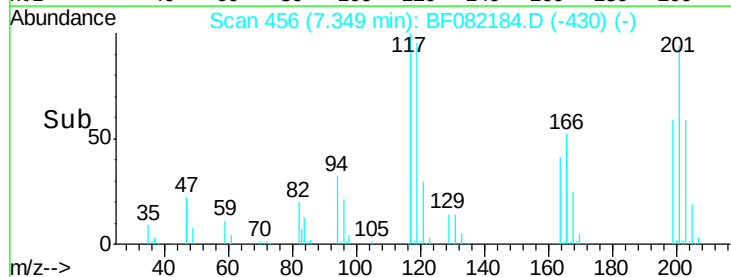
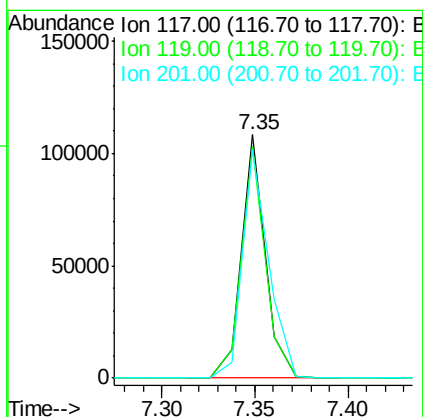
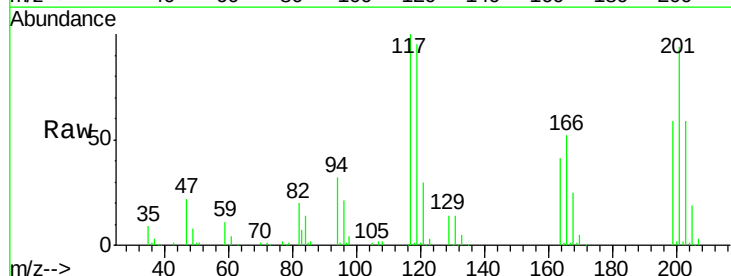
Instrument :
BNA_F
ClientSampled :

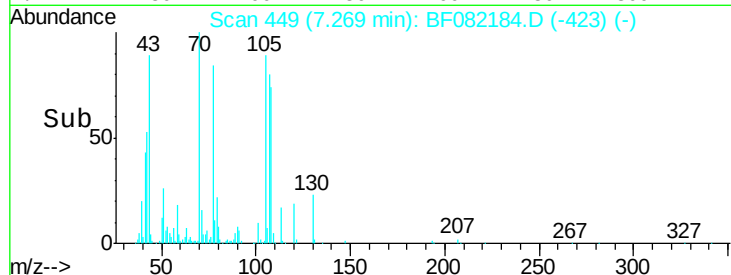
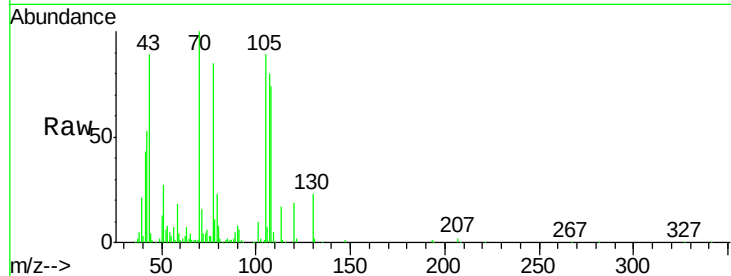
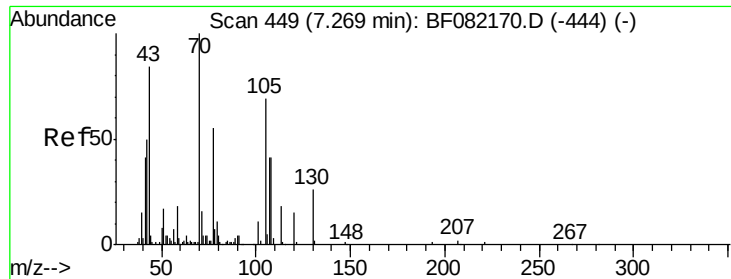
Tot Ion:	107	Resp:	212810
Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.2	138.2
77	52.1	39.6	59.4
79	49.5	38.2	57.4



#18
Hexachloroethane
Concen: 11.95 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:	117	Resp:	96053
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.4	113.2
201	94.0	73.4	110.0

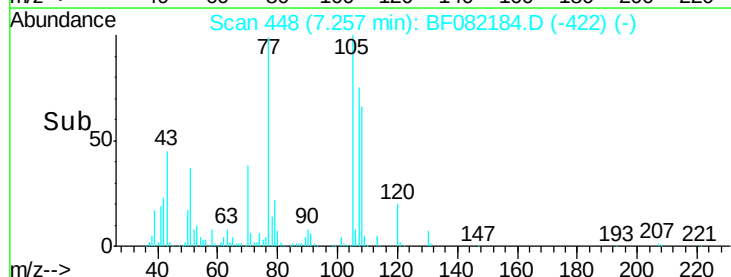
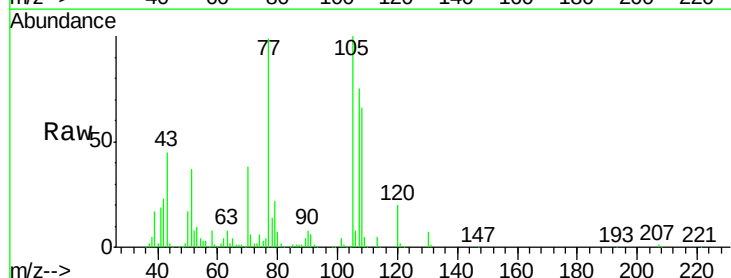
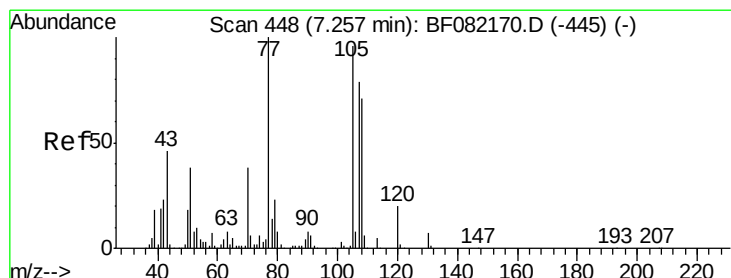
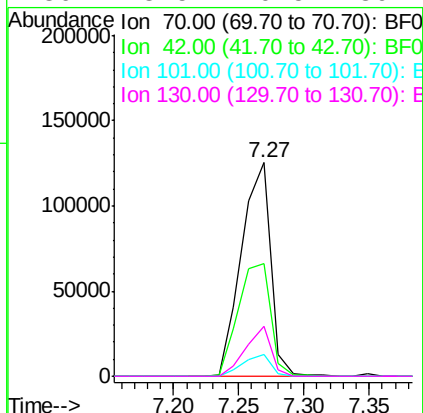




#19
n-Nitroso-di-n-propylamine
Concen: 13.54 ng
RT: 7.27 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

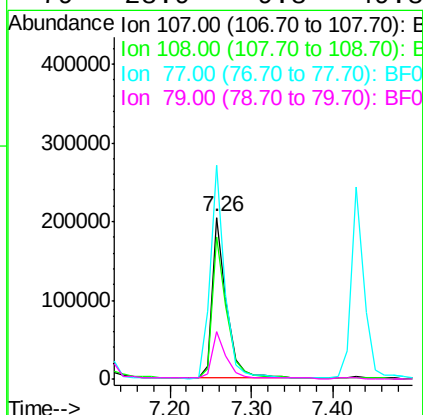
Instrument :
BNA_F
ClientSampleId :

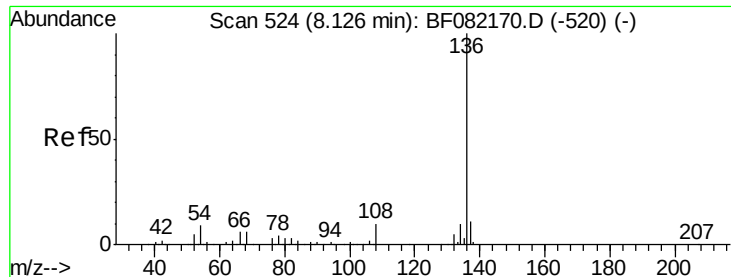
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.9	39.8	59.8
101	10.3	8.6	13.0
130	23.5	20.5	30.7



#20
3+4-Methylphenols
Concen: 13.76 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.9	109.9
77	131.9	106.0	146.0
79	28.9	9.8	49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 386526

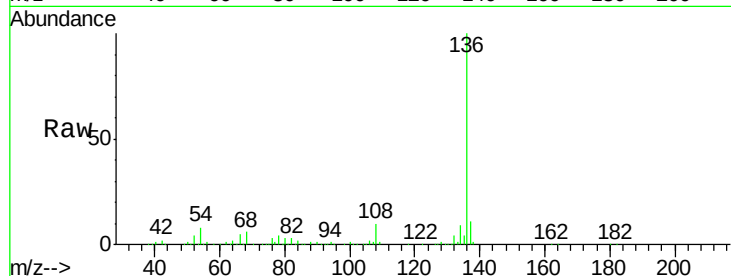
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.4 7.5 11.3

68 5.6 4.6 7.0

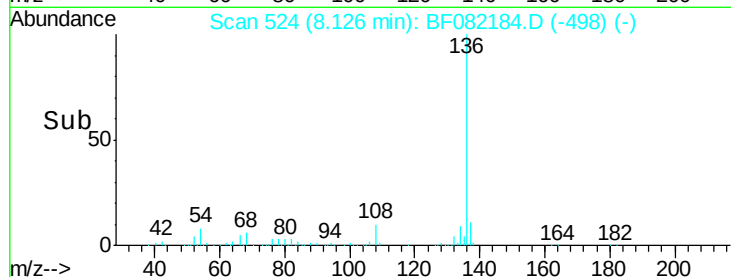


Abundance Ion 136.00 (135.70 to 136.70): E

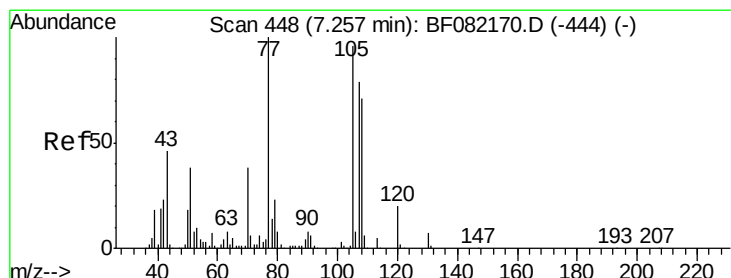
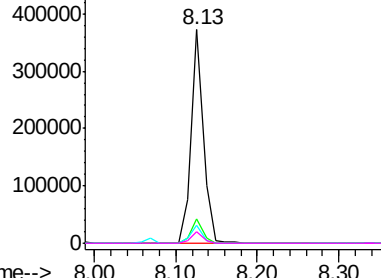
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 47.19 ng

RT: 7.26 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion:105 Resp: 360828

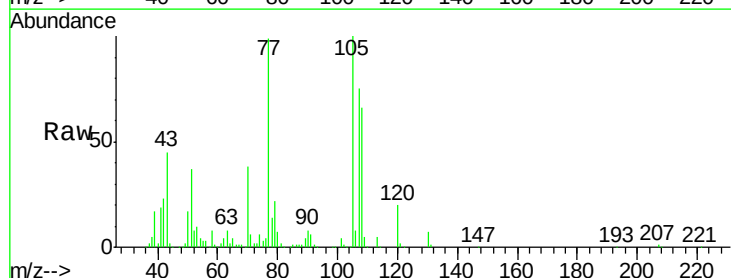
Ion Ratio Lower Upper

105 100

71 6.4 5.4 8.0

51 37.2 31.8 47.6

120 20.4 16.3 24.5

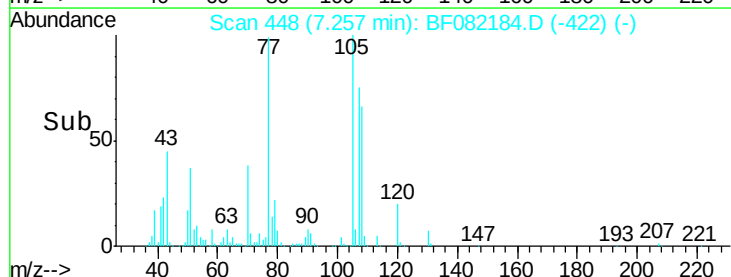


Abundance Ion 105.00 (104.70 to 105.70): E

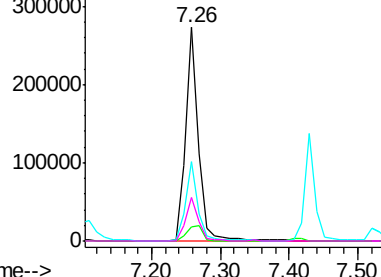
Ion 71.00 (70.70 to 71.70): BF0

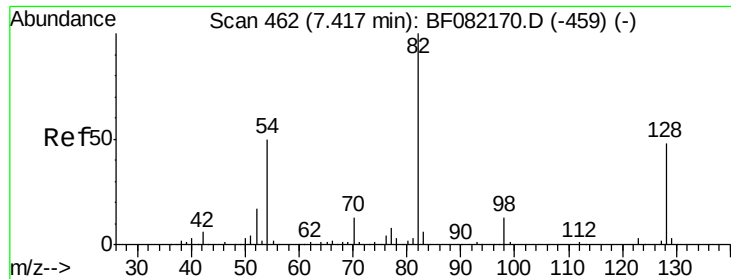
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

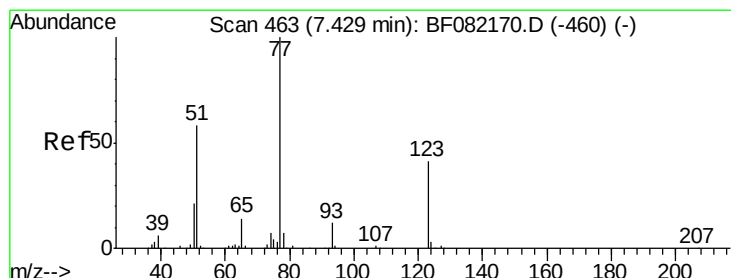
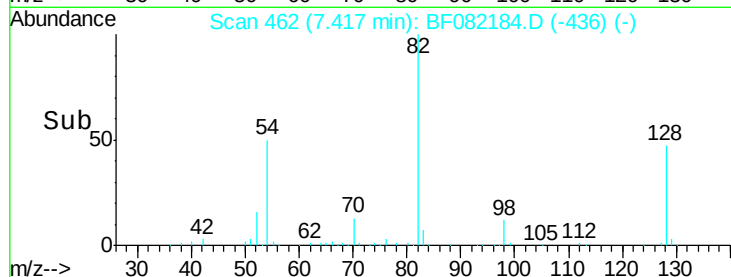
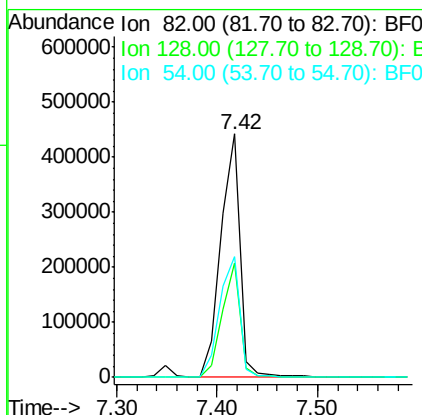
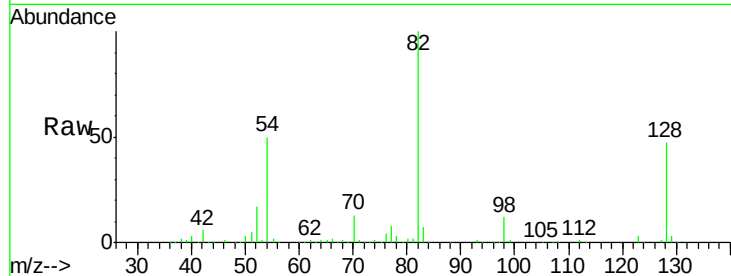




#23
 Nitrobenzene-d5
 Concen: 102.84 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

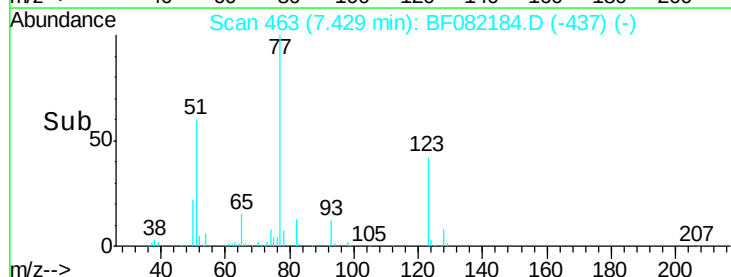
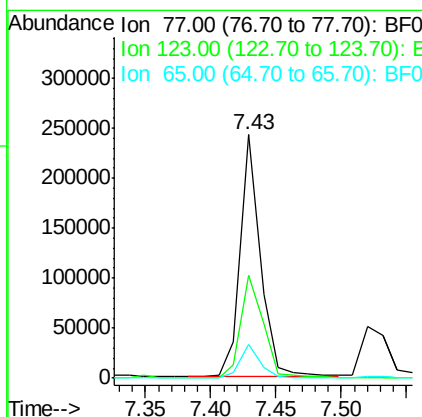
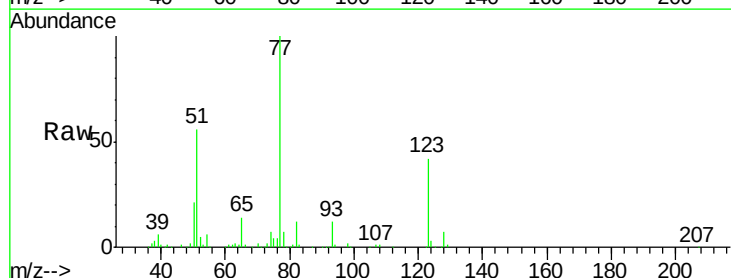
Instrument :
 BNA_F
 ClientSampled :

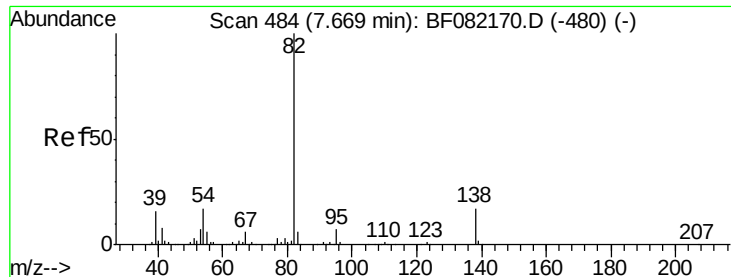
Tot Ion: 82 Resp: 591900
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.7 58.1
 54 49.8 40.1 60.1



#24
 Nitrobenzene
 Concen: 41.87 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion: 77 Resp: 260878
 Ion Ratio Lower Upper
 77 100
 123 42.3 33.0 49.4
 65 13.9 11.2 16.8





#25

Isophorone

Concen: 45.61 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

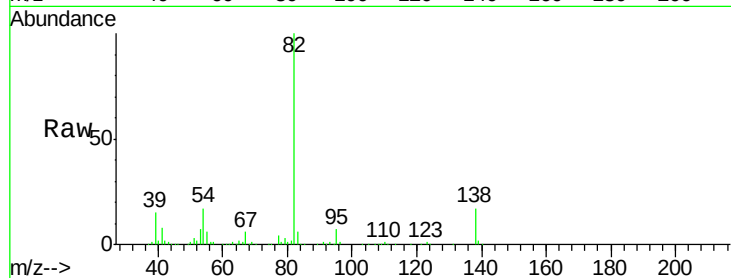
Tot Ion: 82 Resp: 529870

Ion Ratio Lower Upper

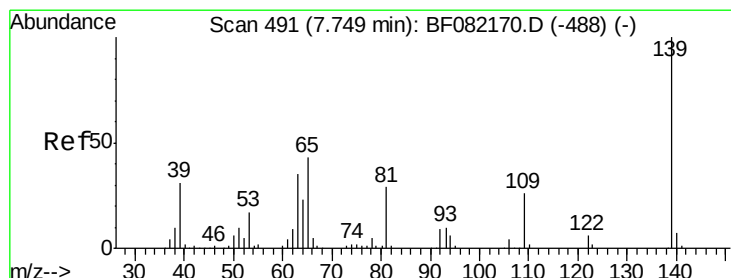
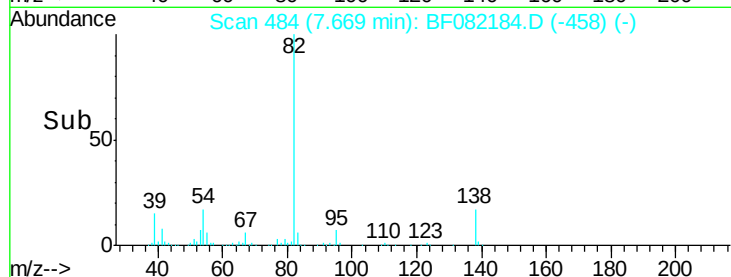
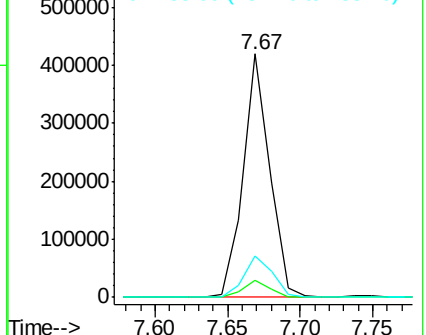
82 100

95 6.9 5.6 8.4

138 16.9 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: 50.78 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

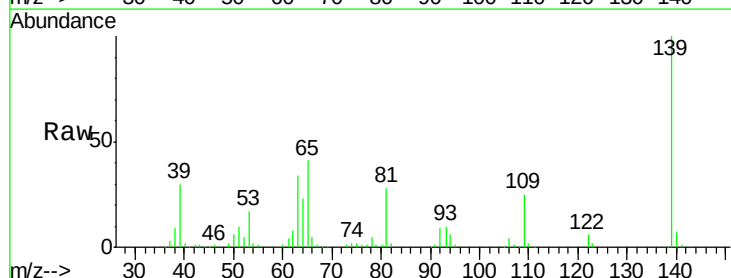
Tgt Ion: 139 Resp: 157967

Ion Ratio Lower Upper

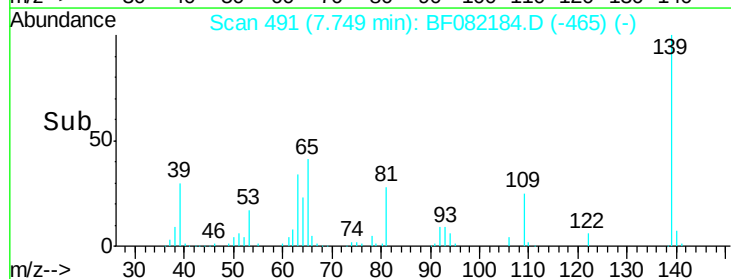
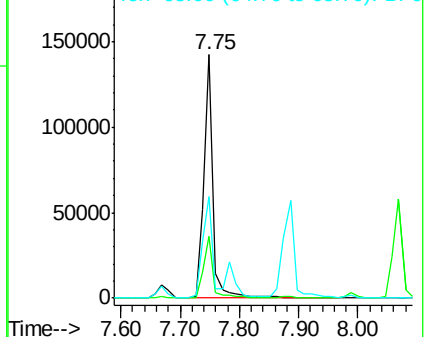
139 100

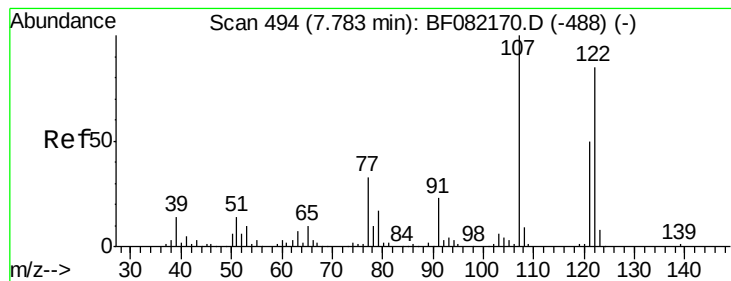
109 25.2 20.6 31.0

65 41.5 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: 47.27 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

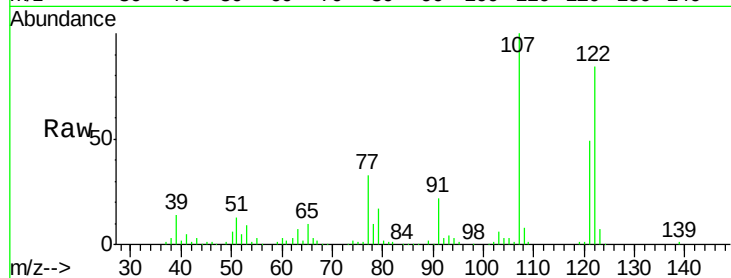
Tot Ion:122 Resp: 236908

Ion Ratio Lower Upper

122 100

107 118.6 94.0 141.0

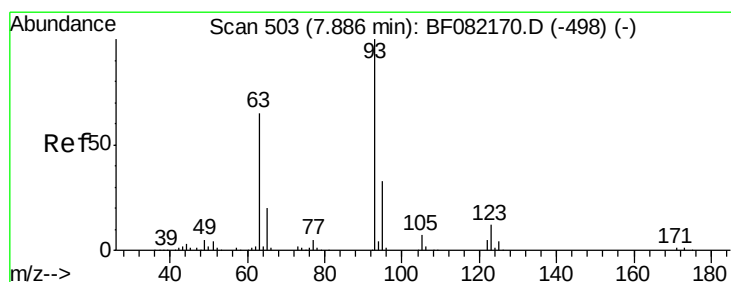
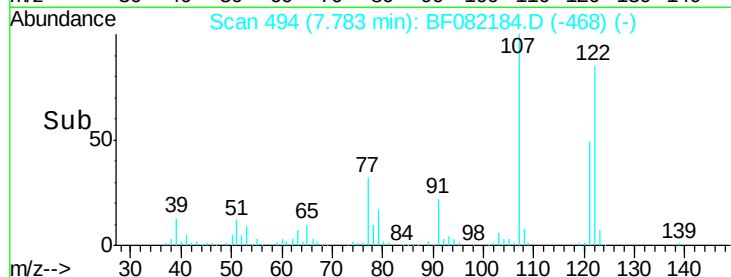
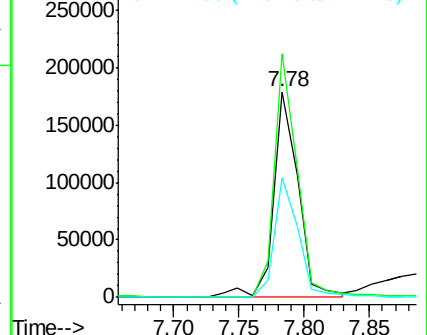
121 58.4 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.87 ng

RT: 7.89 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

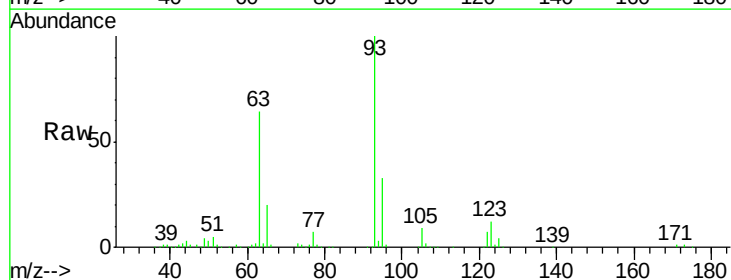
Tgt Ion: 93 Resp: 337052

Ion Ratio Lower Upper

93 100

95 33.1 26.6 39.8

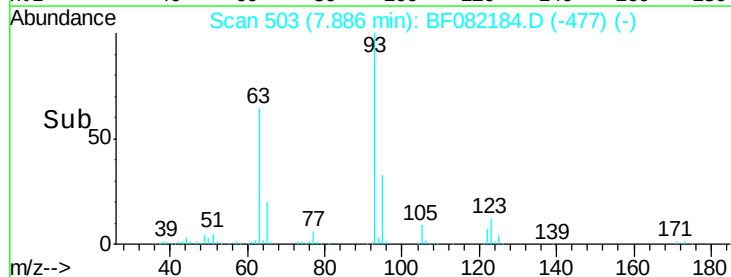
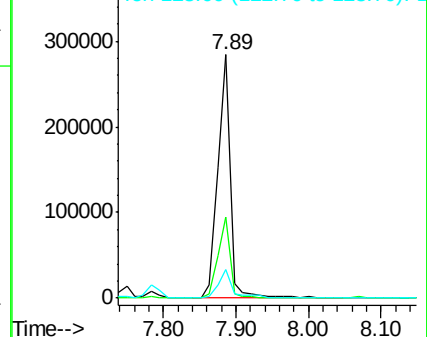
123 12.0 9.5 14.3

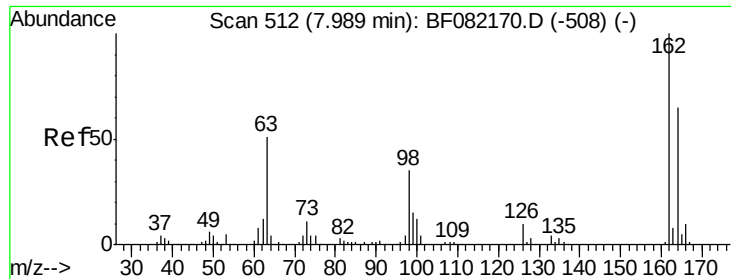


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

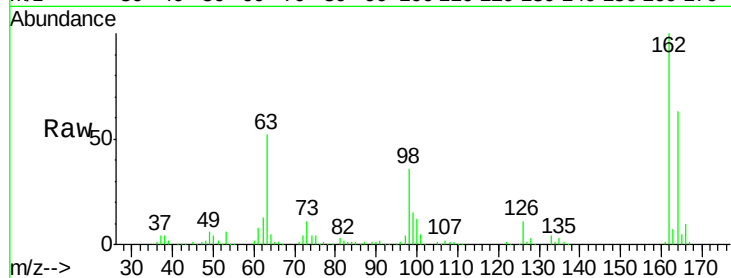




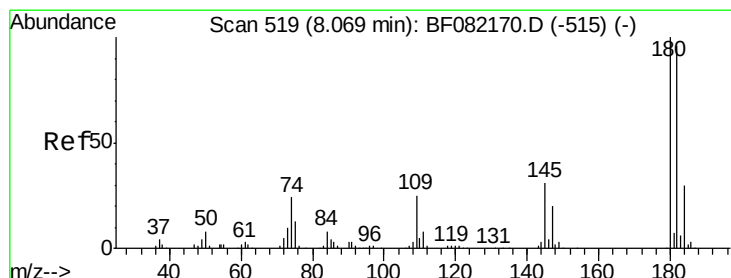
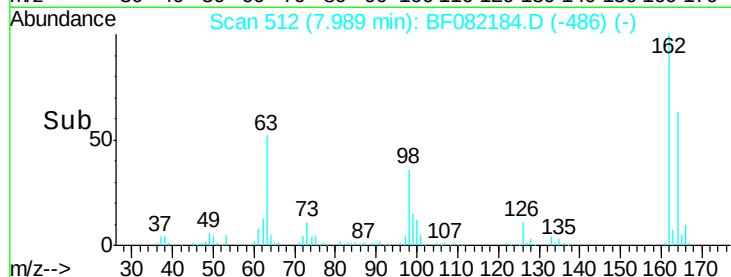
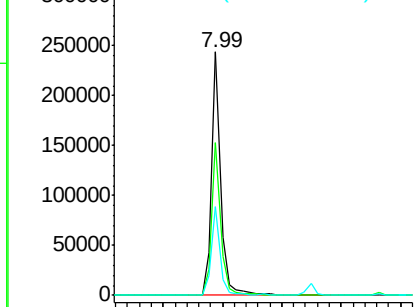
#29
2,4-Dichlorophenol
Concen: 51.55 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	36.2	15.0	55.0

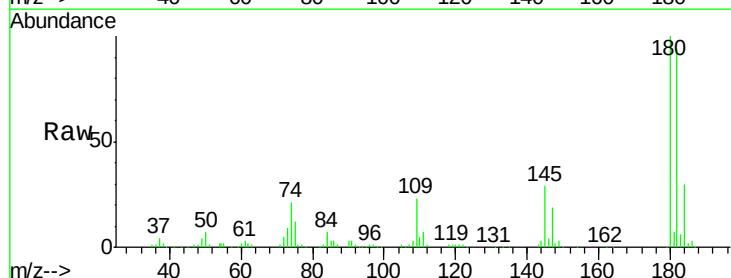


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

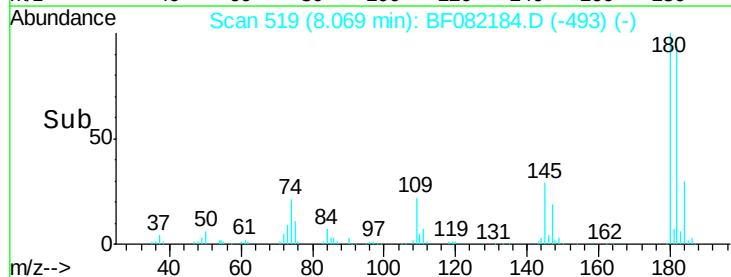
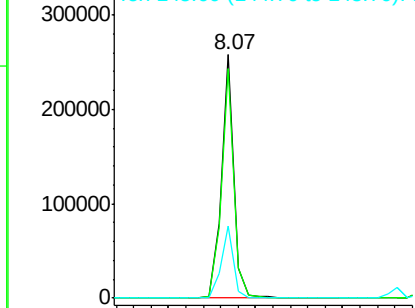


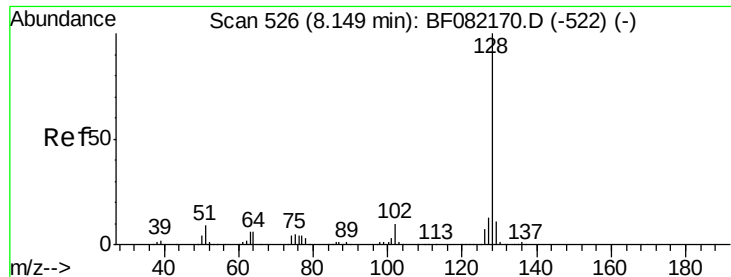
#30
1,2,4-Trichlorobenzene
Concen: 45.22 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.0	115.4
145	29.4	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

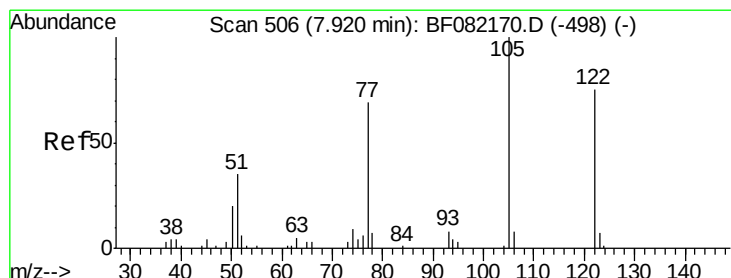
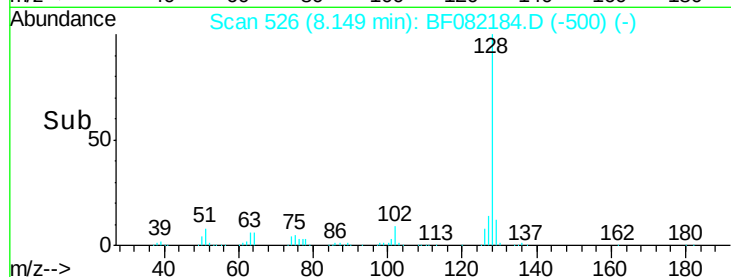
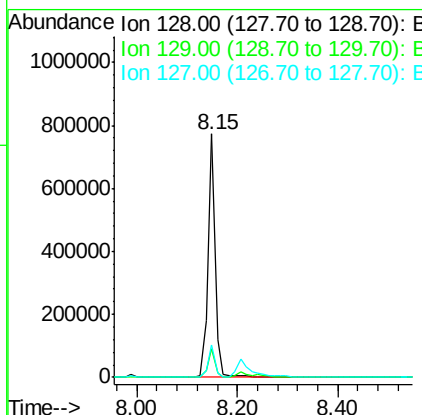
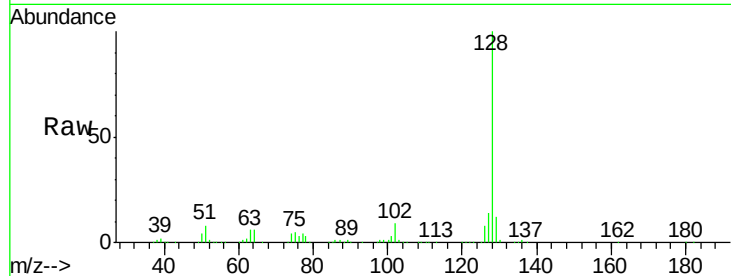




#31
Naphthalene
Concen: 46.17 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

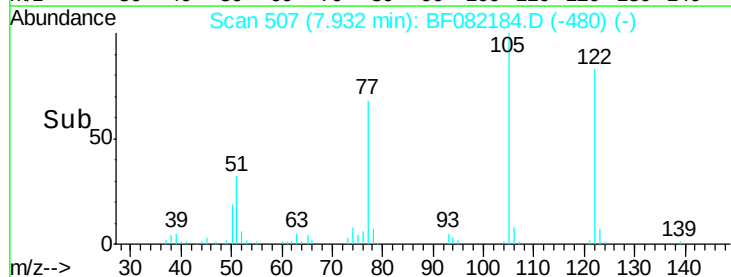
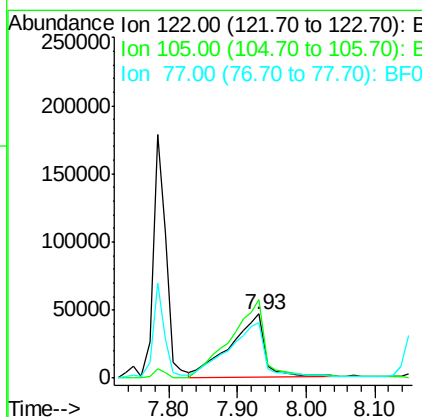
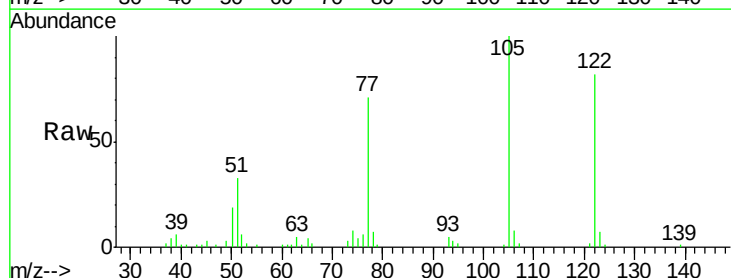
Instrument :
BNA_F
ClientSampleId :

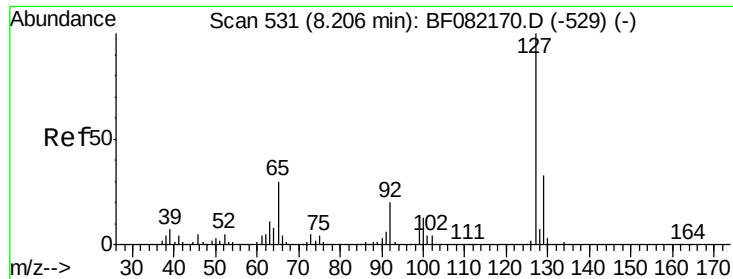
Tot Ion:128 Resp: 773638
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 48.42 ng
RT: 7.93 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:122 Resp: 162889
Ion Ratio Lower Upper
122 100
105 121.6 104.4 144.4
77 85.8 69.0 109.0

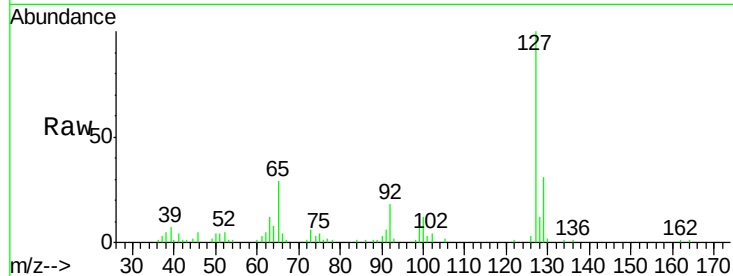




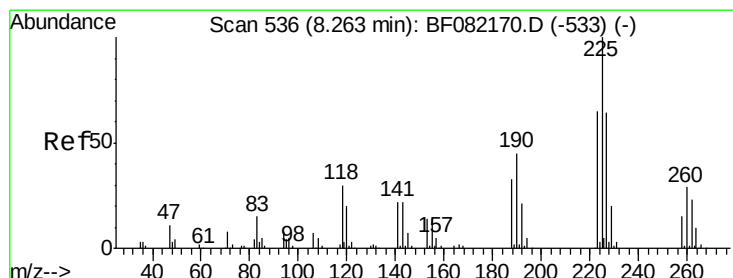
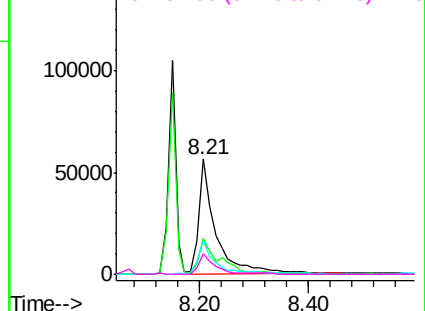
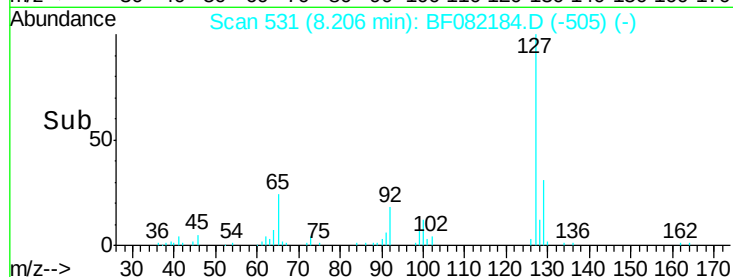
#33
4-Chloroaniline
Concen: 17.15 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	119315
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5
65	28.7	24.4	36.6
92	18.1	15.7	23.5

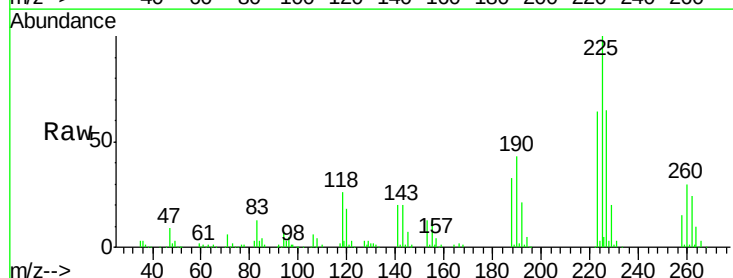


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

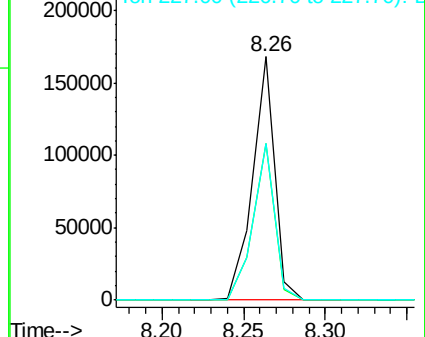
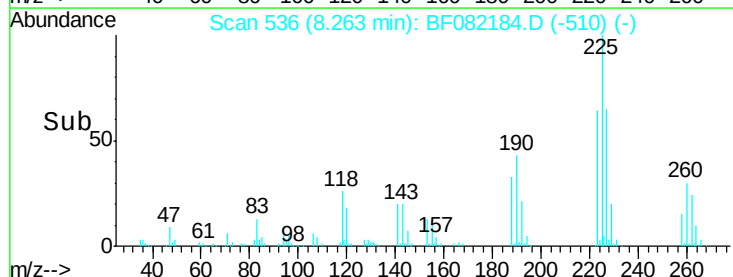


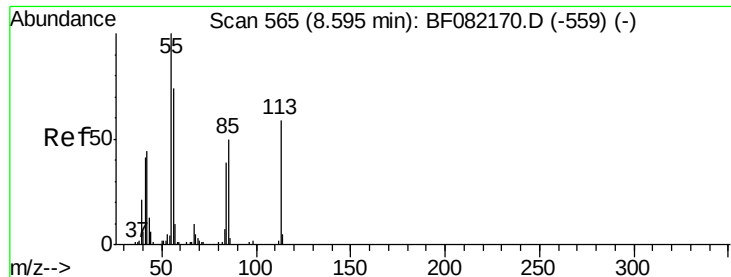
#34
Hexachlorobutadiene
Concen: 43.88 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:	225	Resp:	157884
Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.2	78.2
227	64.5	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: 8.32 ng

RT: 8.64 min Scan# 569

Delta R.T. 0.05 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampled :

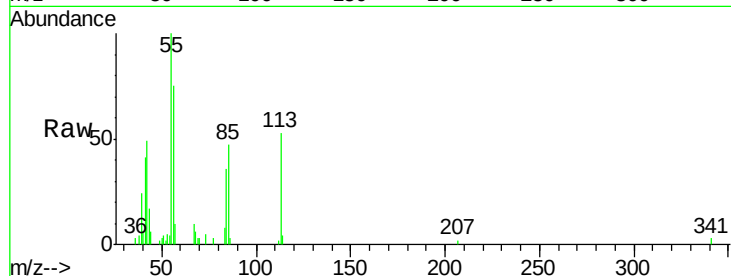
Tot Ion:113 Resp: 12102

Ion Ratio Lower Upper

113 100

55 189.0 149.7 189.7

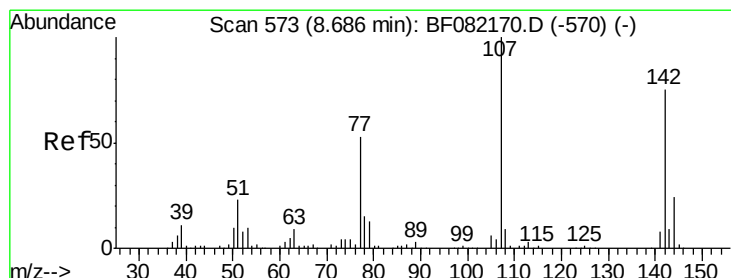
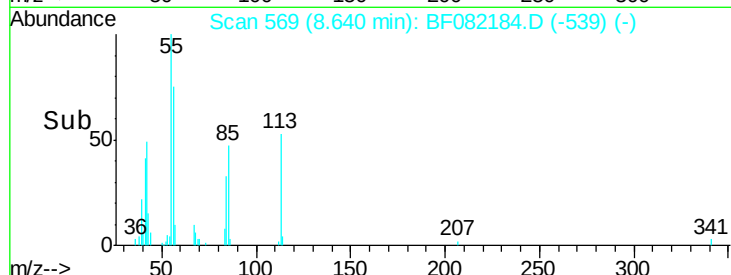
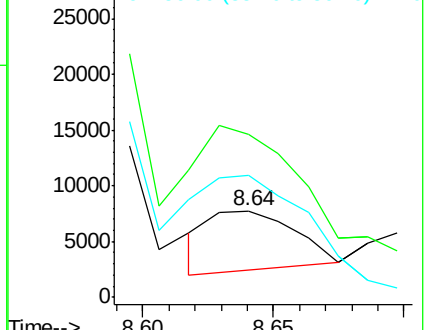
56 141.7 105.4 145.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.37 ng

RT: 8.70 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

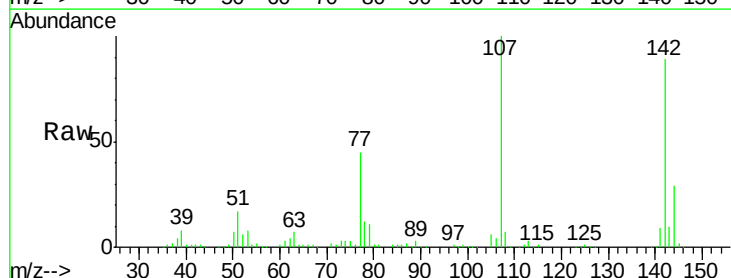
Tgt Ion:107 Resp: 256598

Ion Ratio Lower Upper

107 100

144 28.6 19.3 28.9

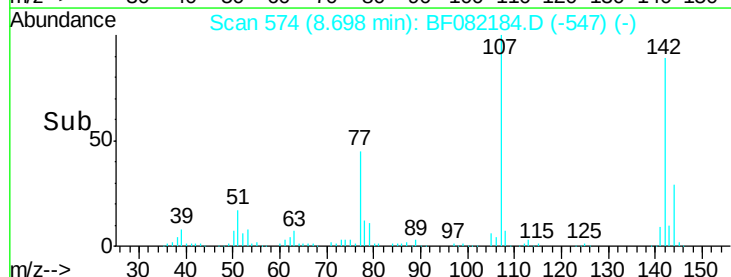
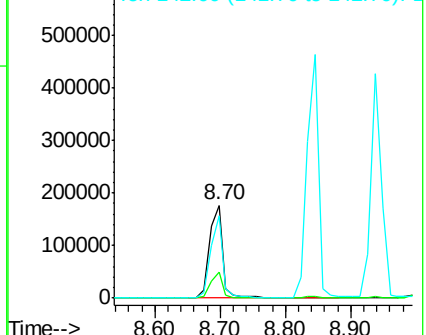
142 88.6 59.9 89.9

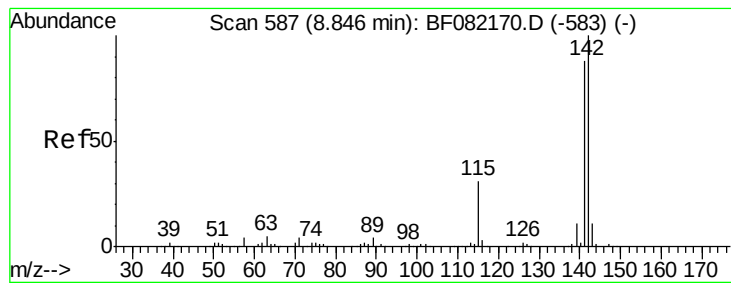


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

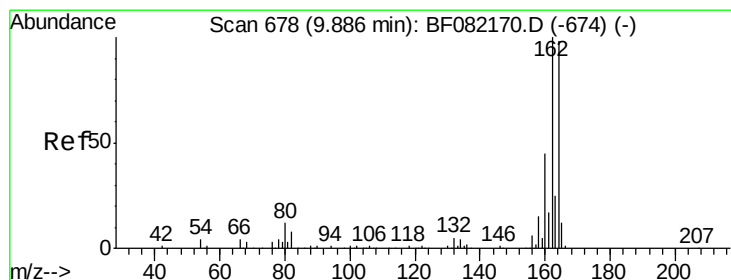
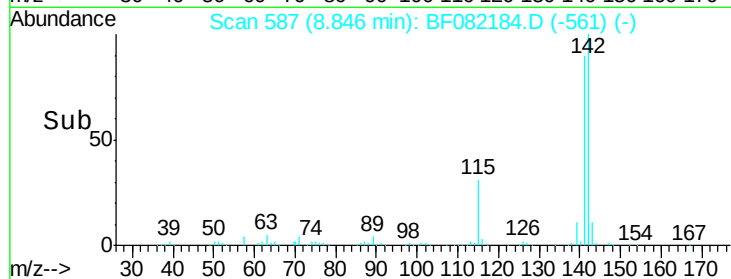
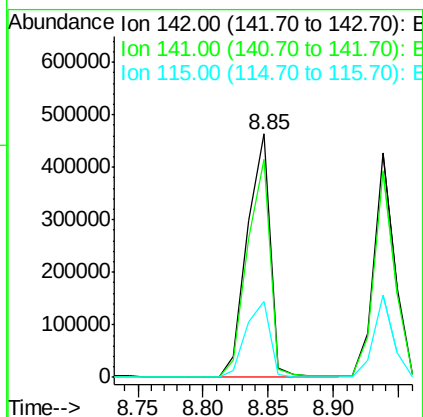
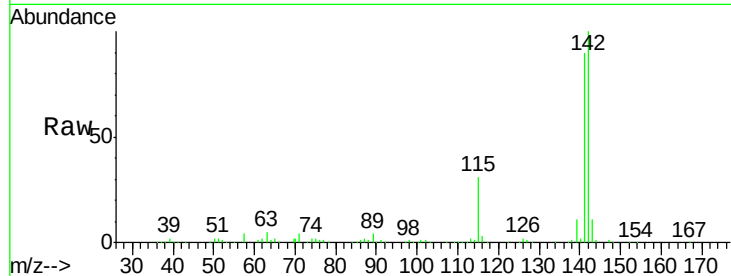




#37
2-Methylnaphthalene
Concen: 49.10 ng
RT: 8.85 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

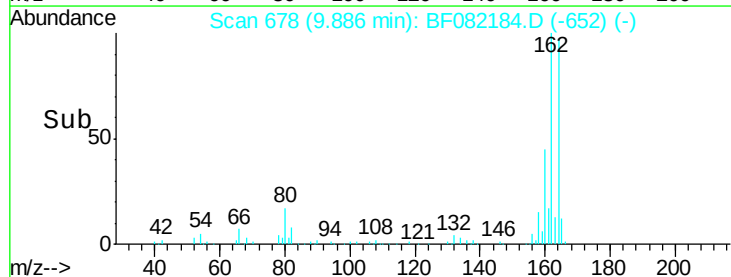
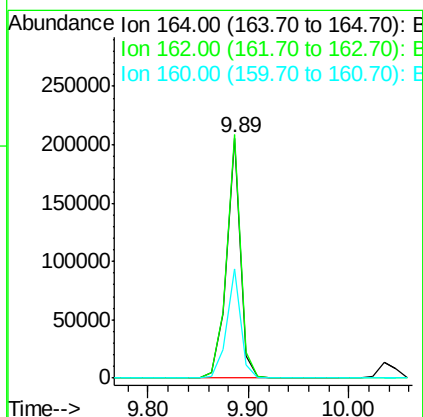
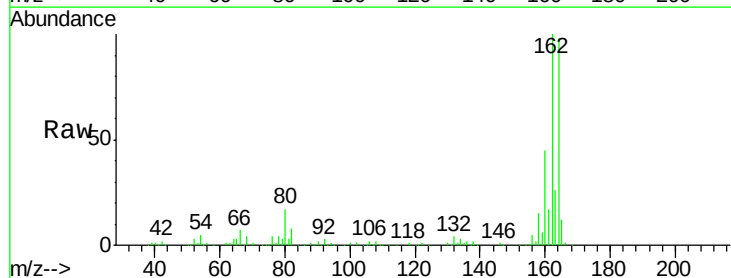
Instrument :
BNA_F
ClientSampled :

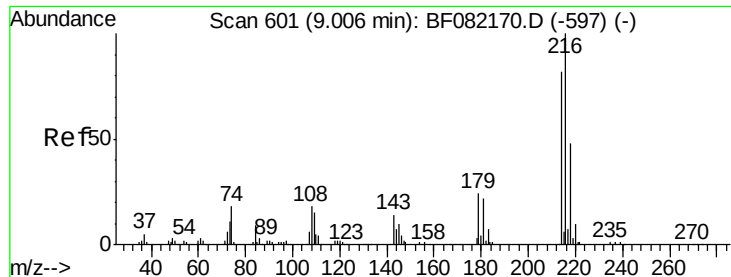
Tot Ion:142 Resp: 570389
Ion Ratio Lower Upper
142 100
141 89.7 70.4 105.6
115 31.2 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:164 Resp: 197043
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 45.4 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.94 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082184.D

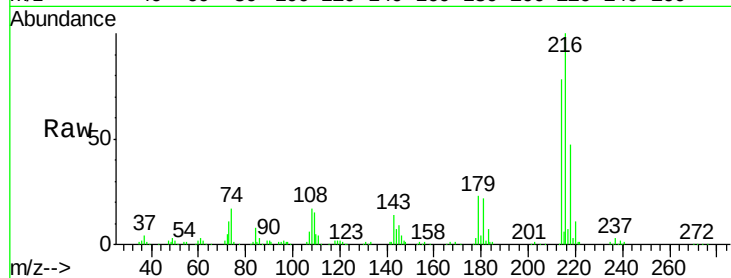
Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	263392
Ion	Ratio	Lower	Upper
216	100		
214	78.2	64.6	97.0
179	21.7	17.6	26.4
108	19.4	14.5	21.7

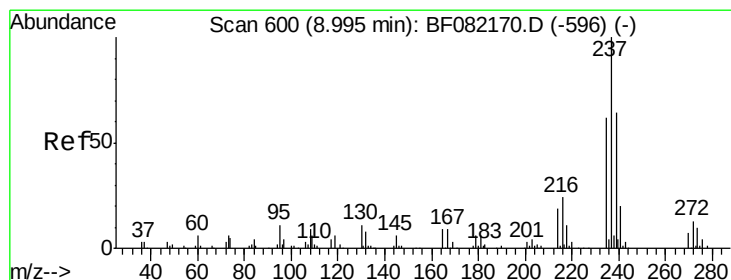
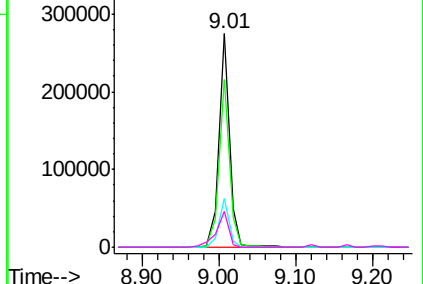
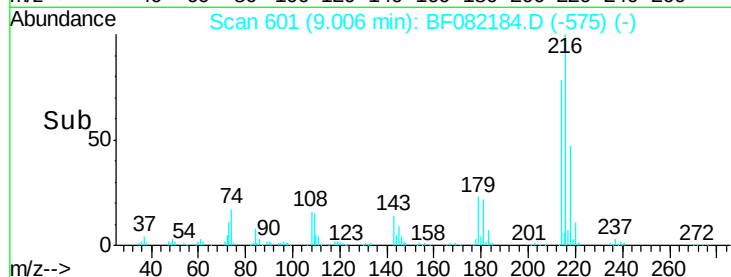


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.47 ng

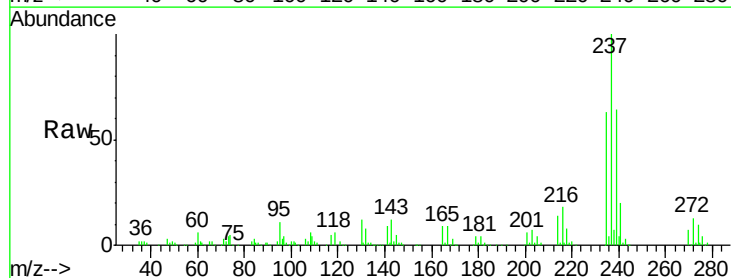
RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

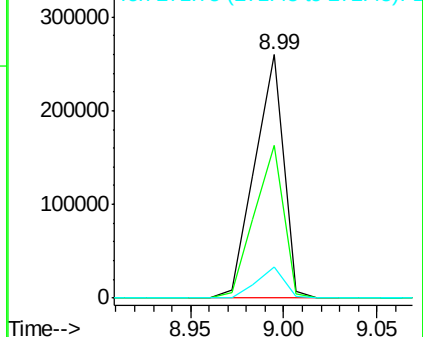
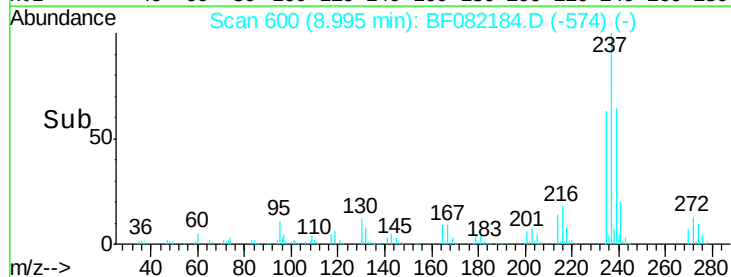
Tgt Ion:	237	Resp:	278530
Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.7	81.7
272	12.7	0.0	32.8

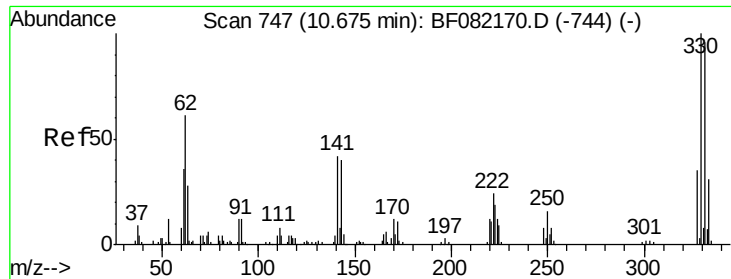


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

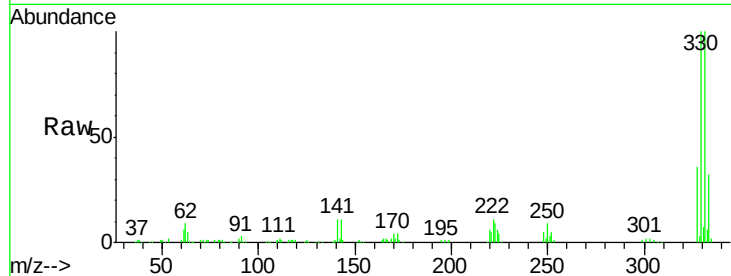




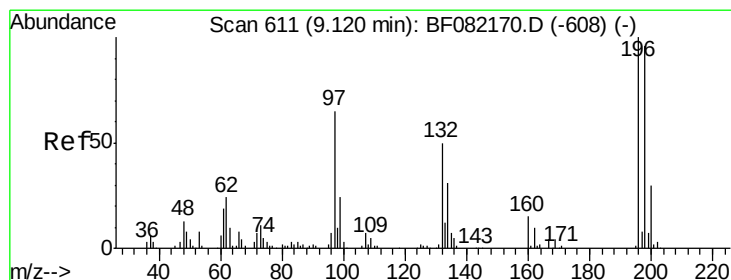
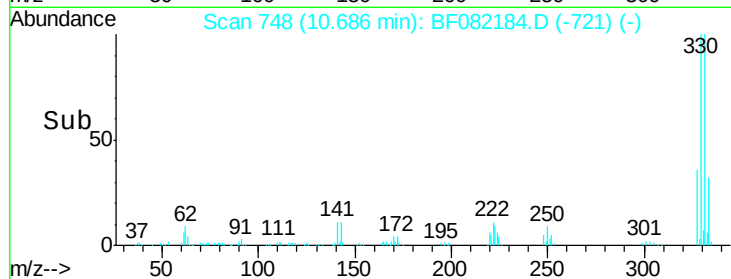
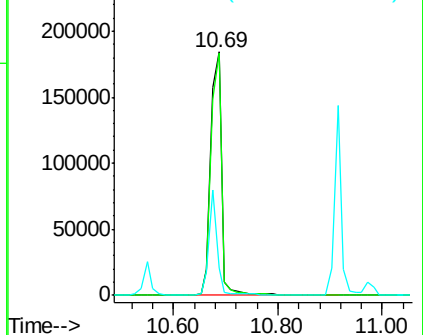
#41
 2,4,6-Tribromophenol
 Concen: 145.58 ng
 RT: 10.69 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	31.9	29.8	44.8

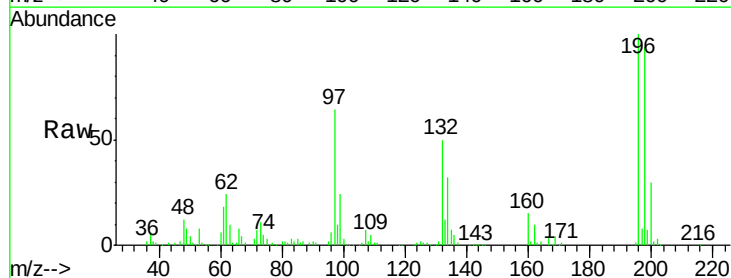


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

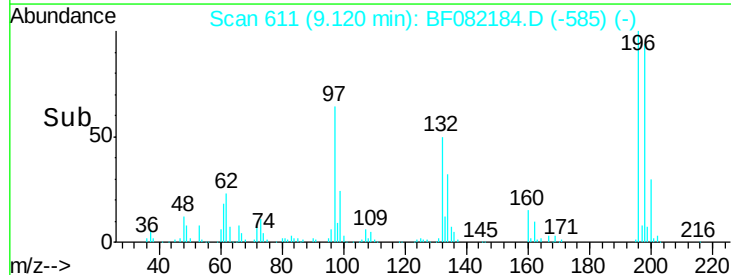
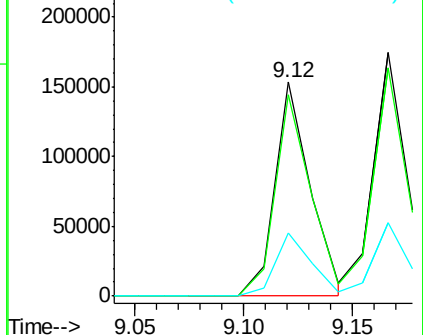


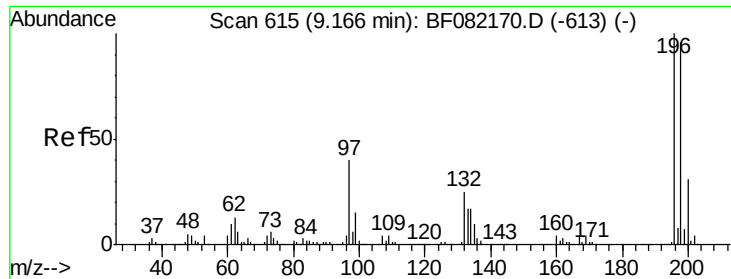
#42
 2,4,6-Trichlorophenol
 Concen: 44.91 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.6	115.0
200	29.5	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

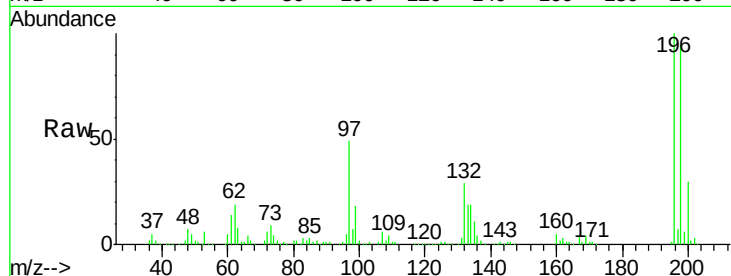




#43
 2,4,5-Trichlorophenol
 Concen: 48.17 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.8	77.0	115.4
97	48.6	31.9	47.9#
132	29.0	20.3	30.5



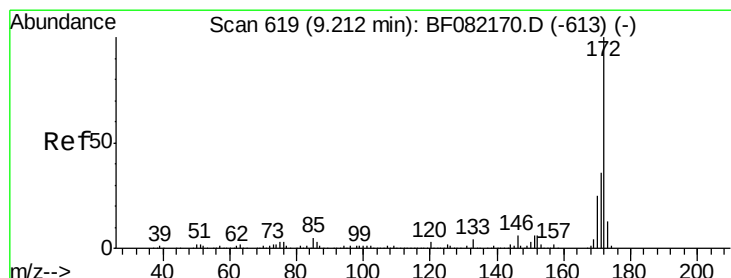
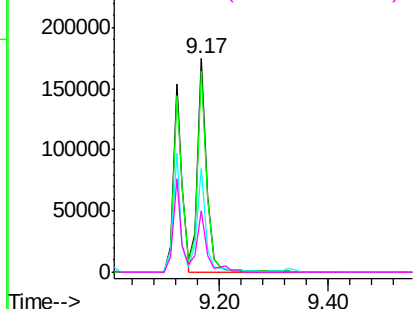
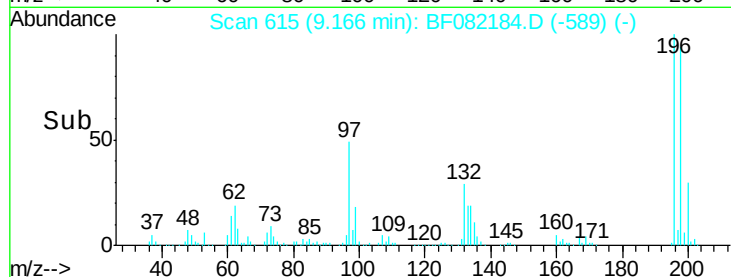
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

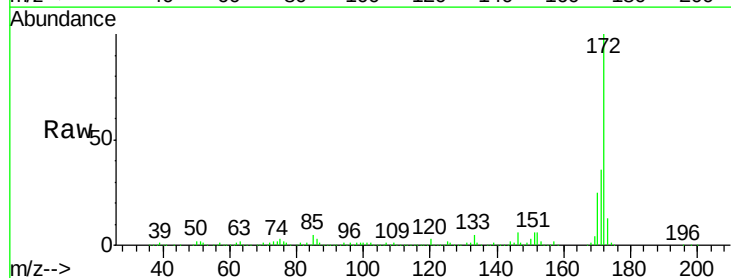
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.08 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	25.0	19.7	29.5

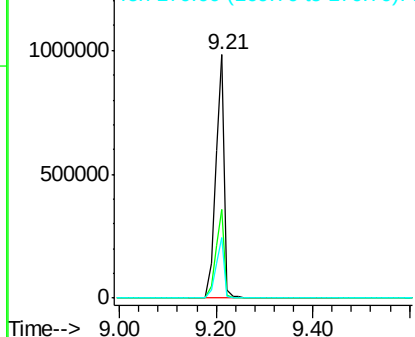
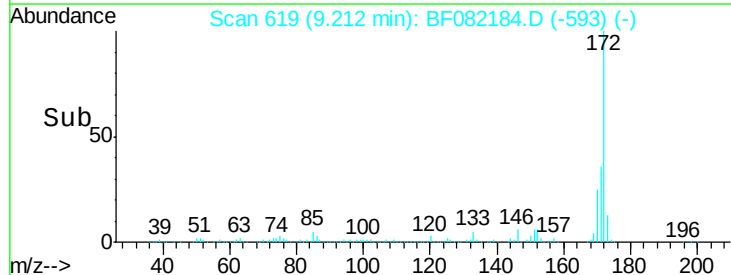


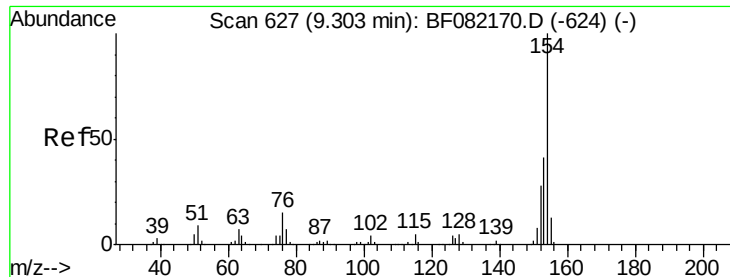
Abundance

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

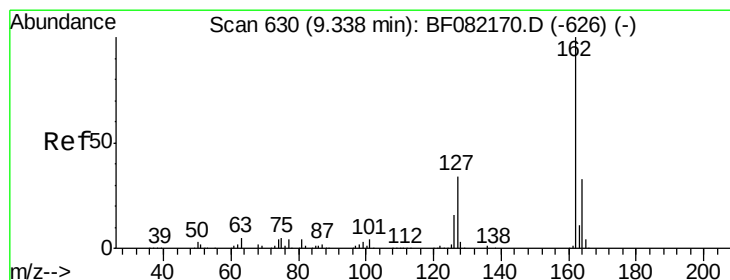
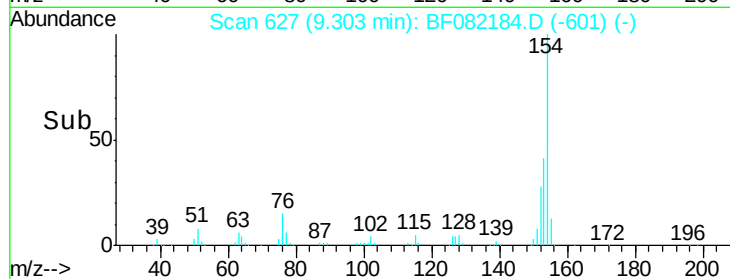
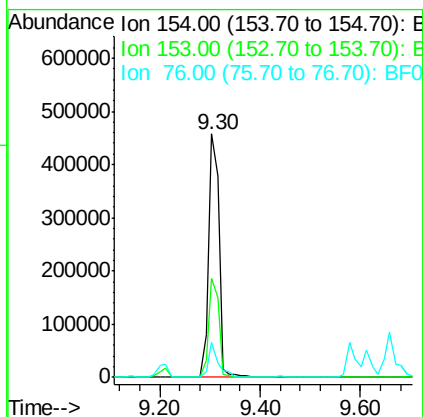
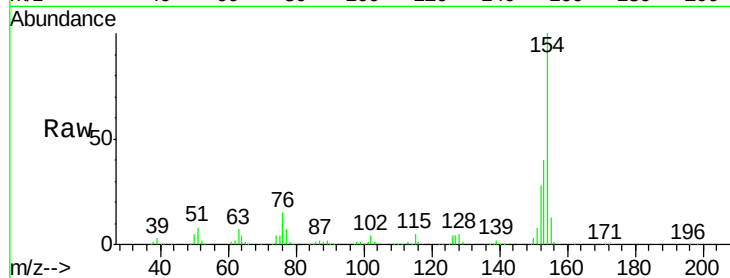




#45
 1,1'-Biphenyl
 Concen: 43.80 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

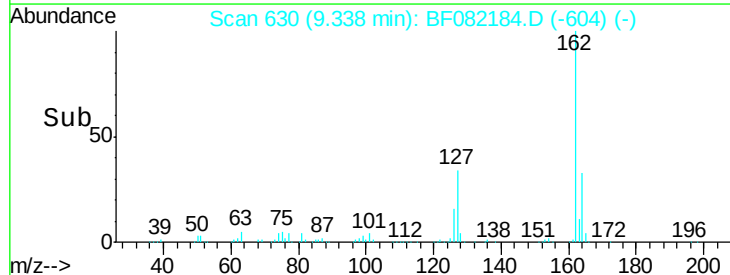
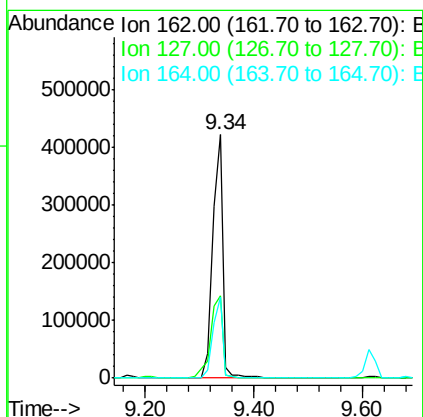
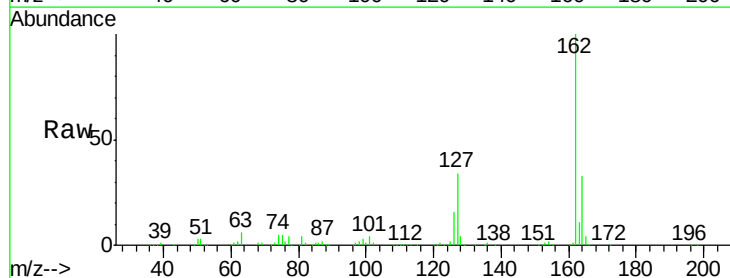
Instrument :
 BNA_F
 ClientSampleId :

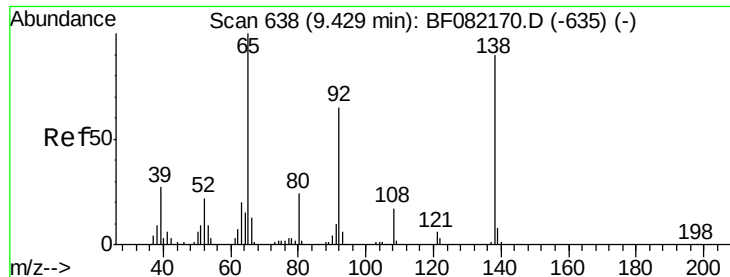
Tot Ion:154	Resp:	658079
Ion	Ratio	Lower Upper
154	100	
153	40.5	20.6 60.6
76	14.6	0.0 35.2



#46
 2-Chloronaphthalene
 Concen: 46.80 ng
 RT: 9.34 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion:162	Resp:	553602
Ion	Ratio	Lower Upper
162	100	
127	34.0	27.5 41.3
164	33.4	26.6 39.8

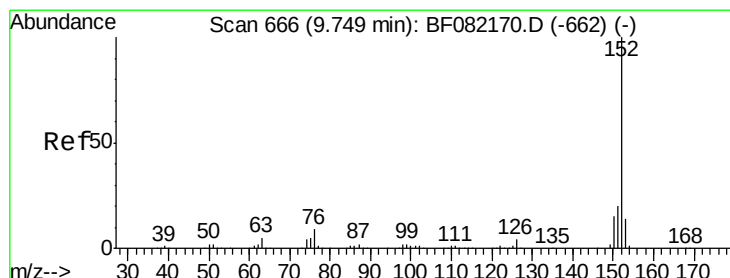
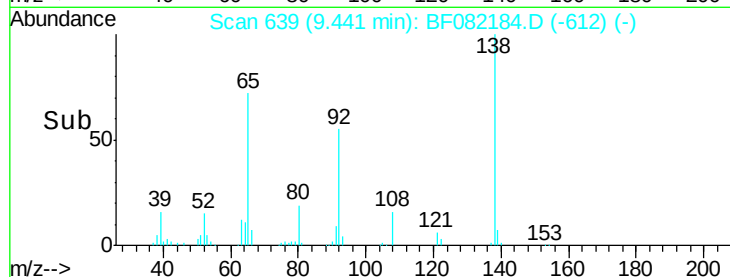
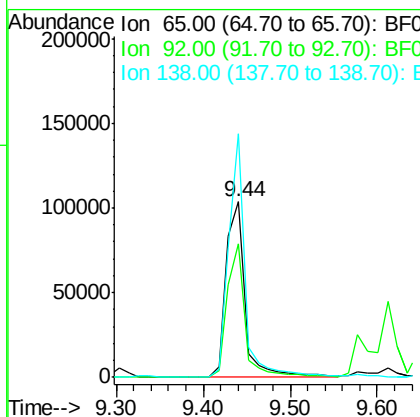
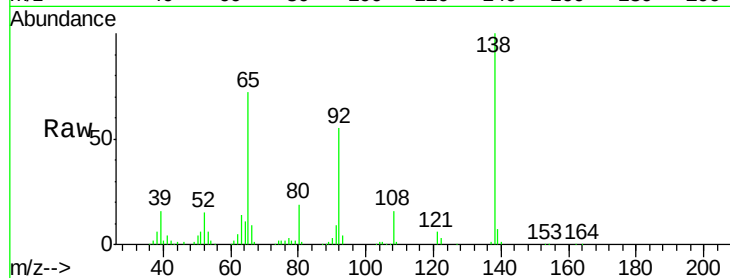




#47
2-Nitroaniline
Concen: 49.15 ng
RT: 9.44 min Scan# 639
Delta R.T. 0.01 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

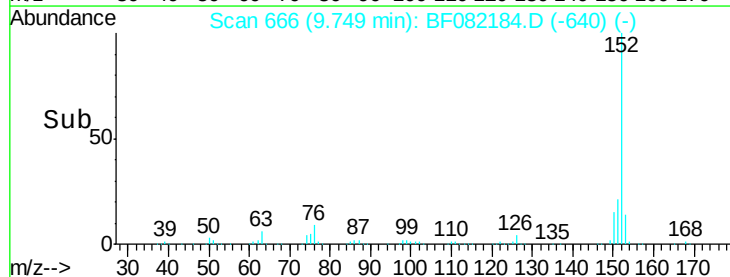
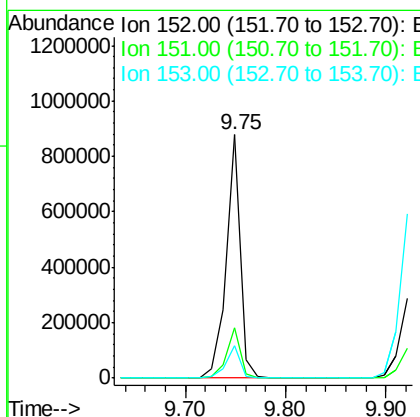
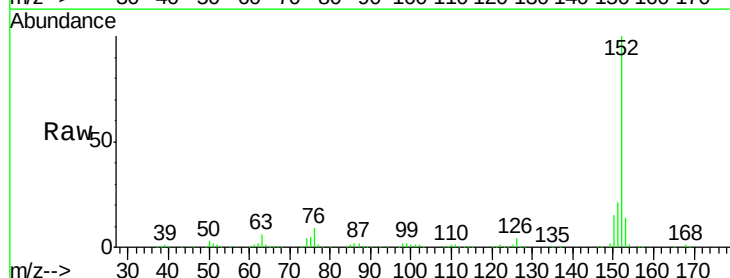
Instrument :
BNA_F
ClientSampleId :

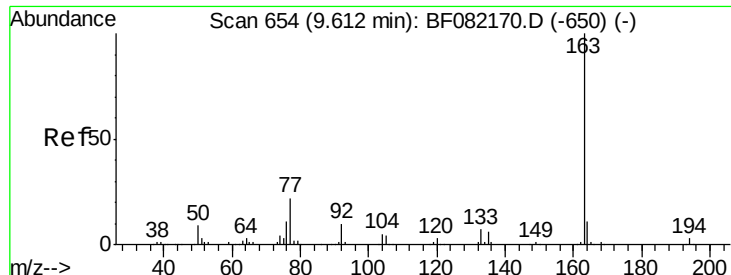
Tot Ion: 65 Resp: 159611
Ion Ratio Lower Upper
65 100
92 76.1 52.3 78.5
138 139.0 72.2 108.4#



#48
Acenaphthylene
Concen: 46.27 ng
RT: 9.75 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion: 152 Resp: 852645
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.6 10.8 16.2

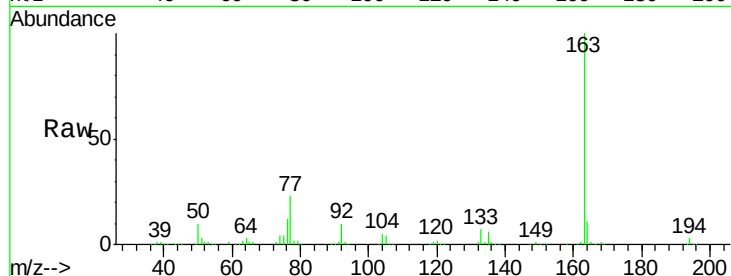




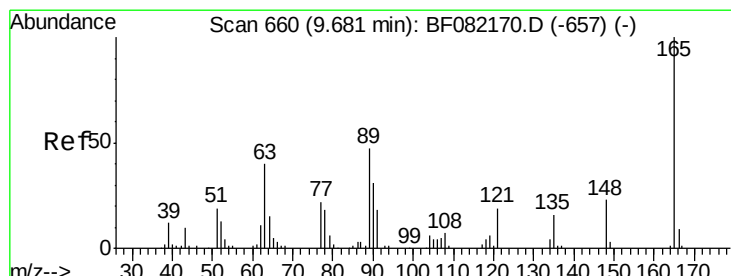
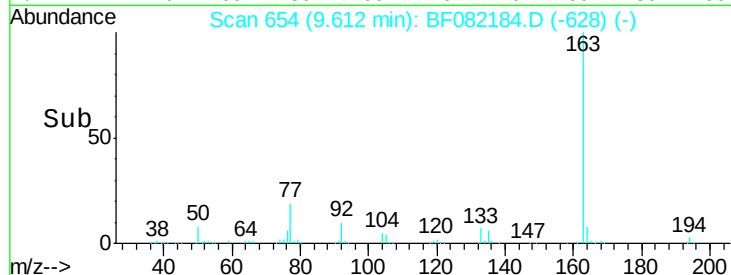
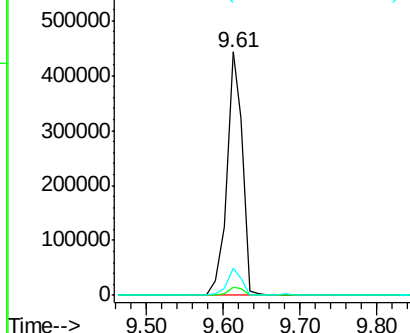
#49
Dimethylphthalate
Concen: 46.11 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 639757
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 11.1 8.5 12.7

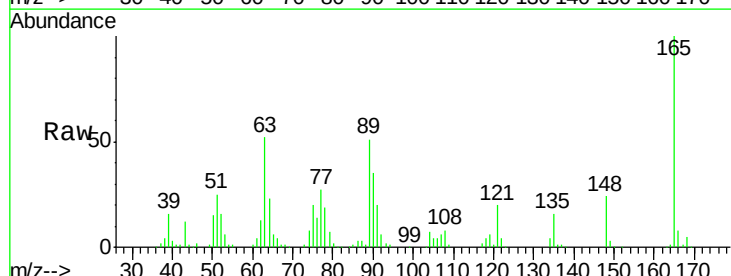


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

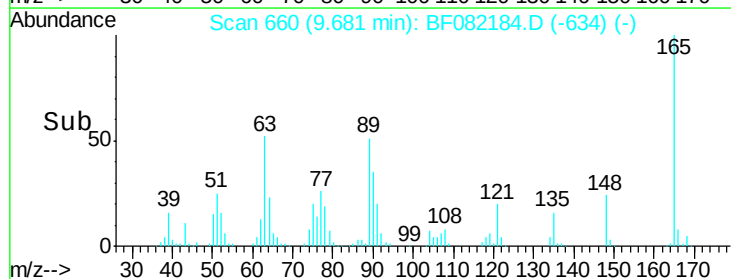
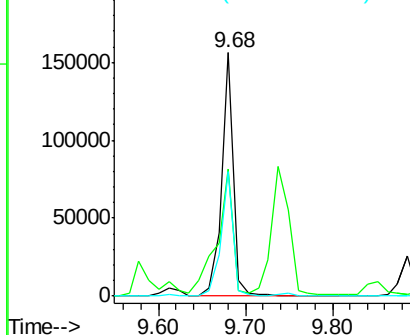


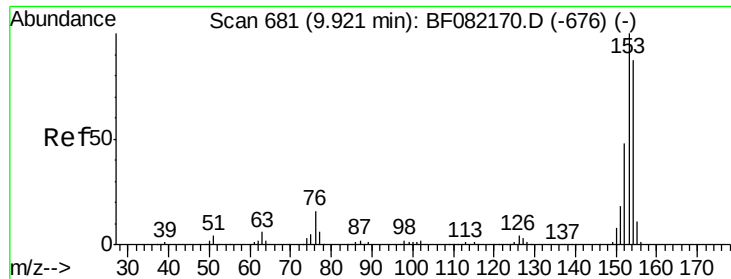
#50
2,6-Dinitrotoluene
Concen: 51.02 ng
RT: 9.68 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:165 Resp: 149364
Ion Ratio Lower Upper
165 100
63 52.0 36.7 55.1
89 51.1 37.8 56.6



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

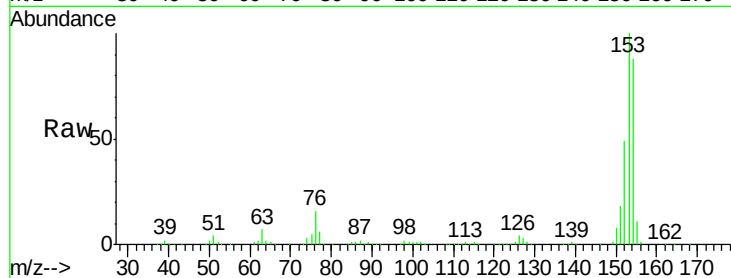




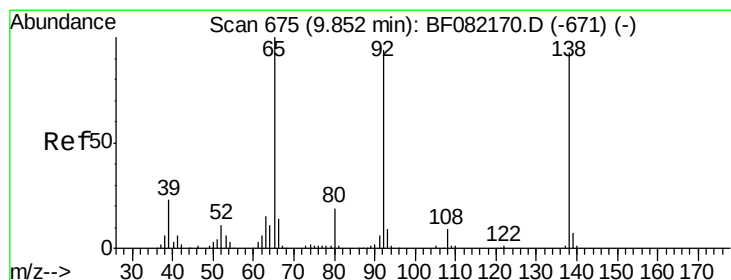
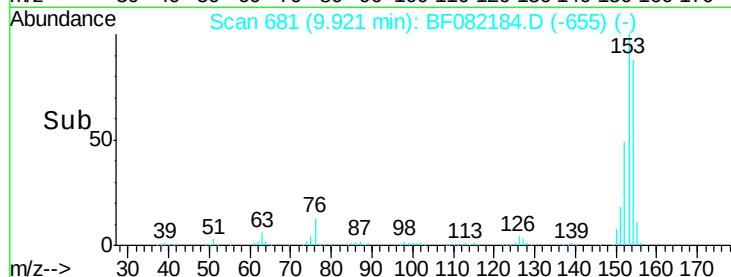
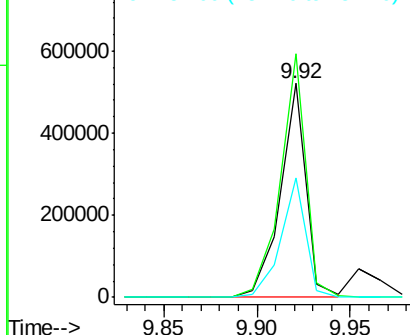
#51
Acenaphthene
Concen: 44.86 ng
RT: 9.92 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 496275
Ion Ratio Lower Upper
154 100
153 113.9 91.4 137.2
152 55.6 44.3 66.5

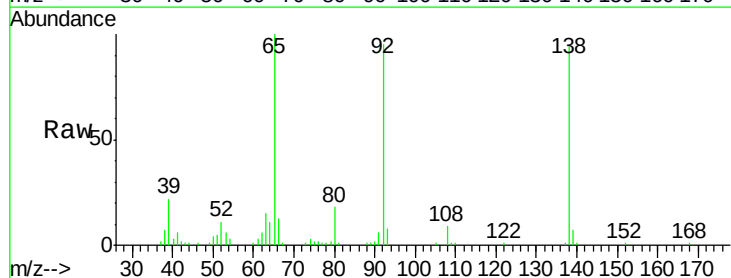


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

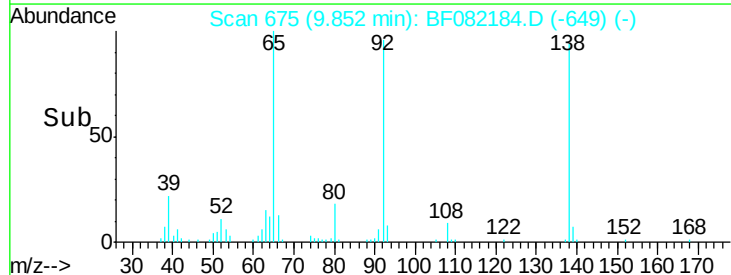
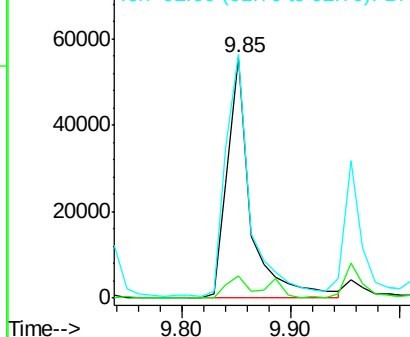


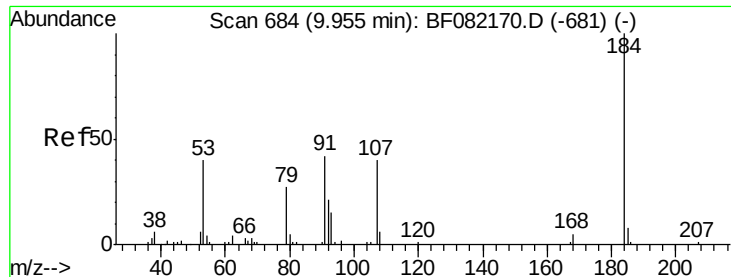
#52
3-Nitroaniline
Concen: 25.14 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:138 Resp: 83145
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.0
92 101.1 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

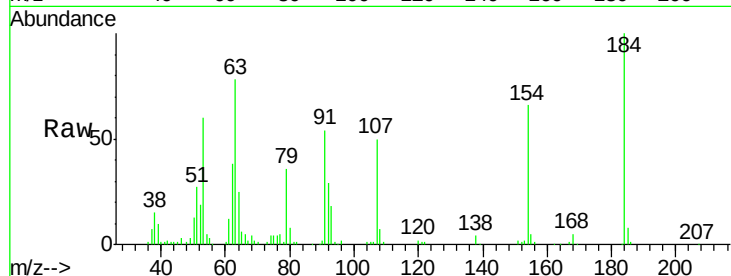




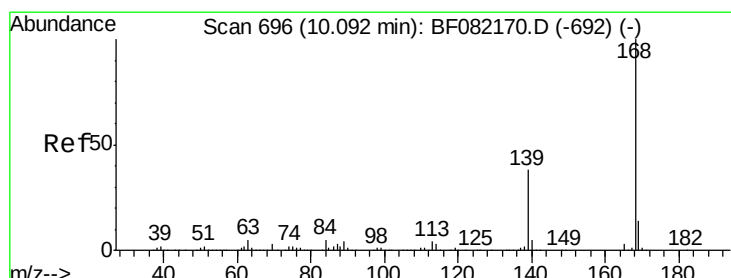
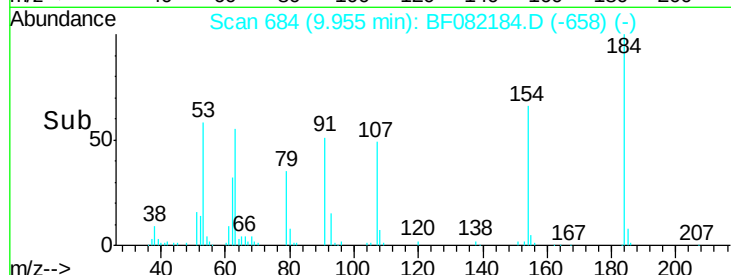
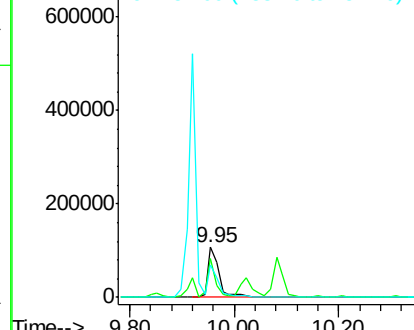
#53
2,4-Dinitrophenol
Concen: 98.52 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 163813
Ion Ratio Lower Upper
184 100
63 78.5 45.1 67.7#
154 65.6 51.2 76.8

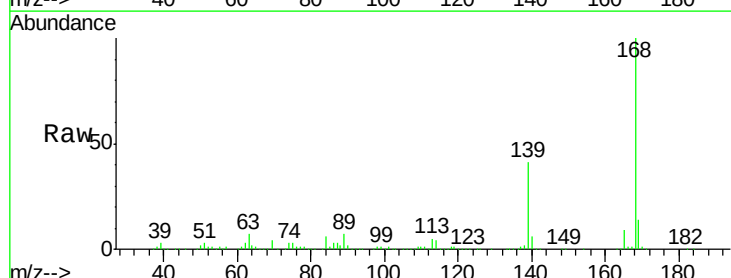


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

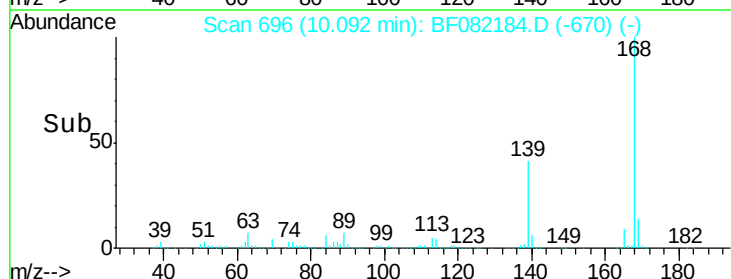
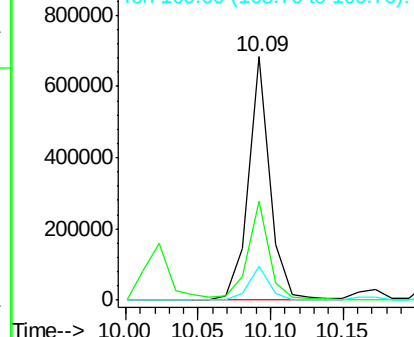


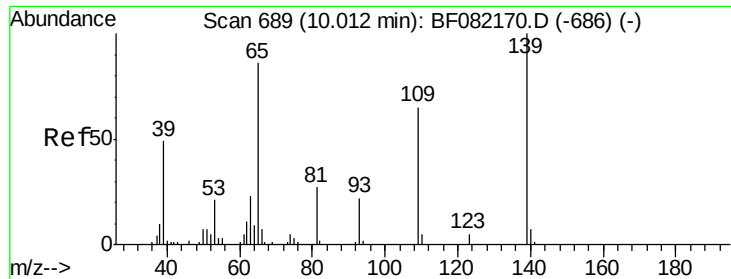
#54
Dibenzofuran
Concen: 46.41 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:168 Resp: 704891
Ion Ratio Lower Upper
168 100
139 40.9 31.0 46.6
169 14.1 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

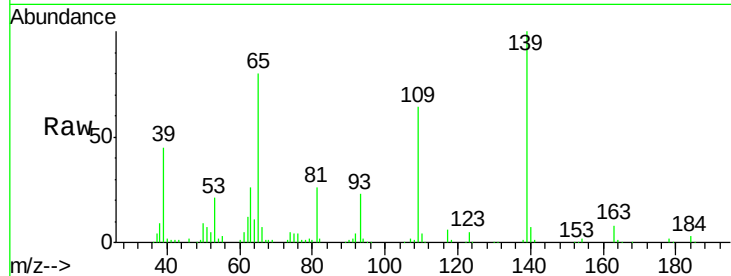




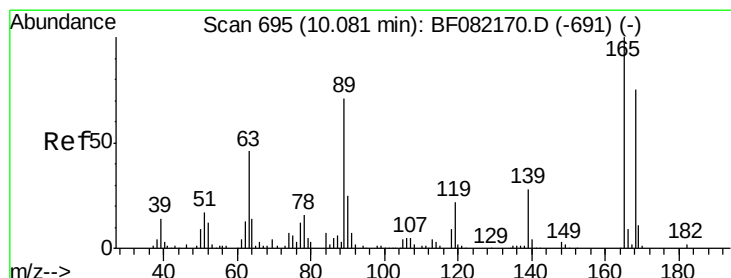
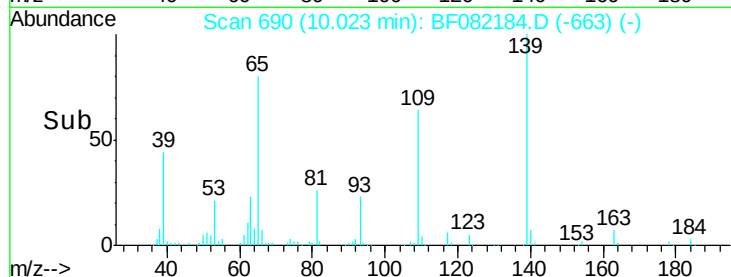
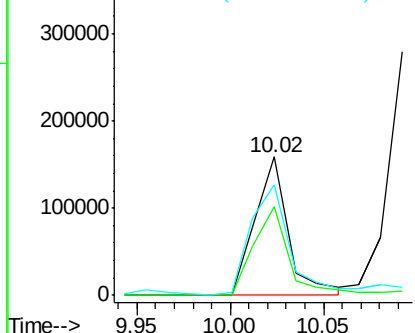
#55
4-Nitrophenol
Concen: 84.26 ng
RT: 10.02 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 196743
Ion Ratio Lower Upper
139 100
109 64.1 44.8 84.8
65 80.2 67.7 107.7

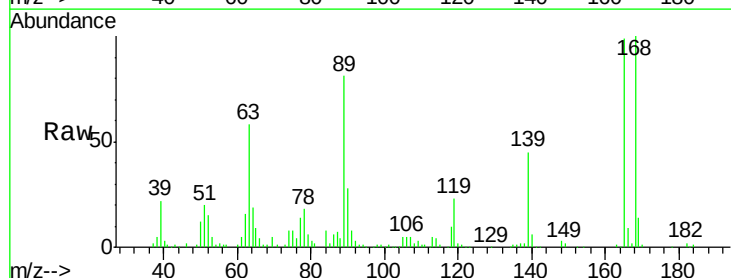


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

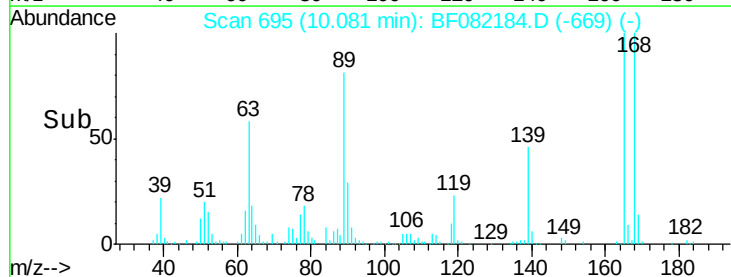
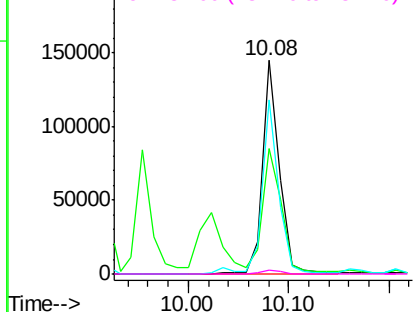


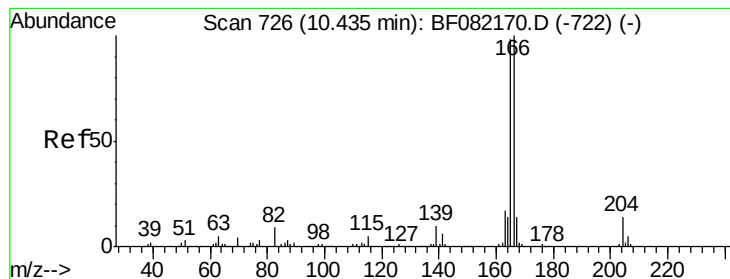
#56
2,4-Dinitrotoluene
Concen: 45.84 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:165 Resp: 167741
Ion Ratio Lower Upper
165 100
63 58.6 38.6 58.0#
89 81.3 57.0 85.6
182 2.1 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: 46.42 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

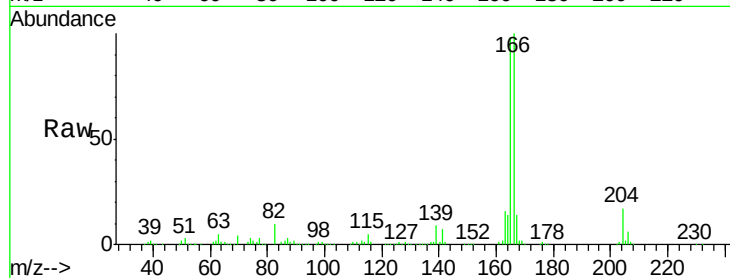
Tot Ion:166 Resp: 579067

Ion Ratio Lower Upper

166 100

165 97.8 78.3 117.5

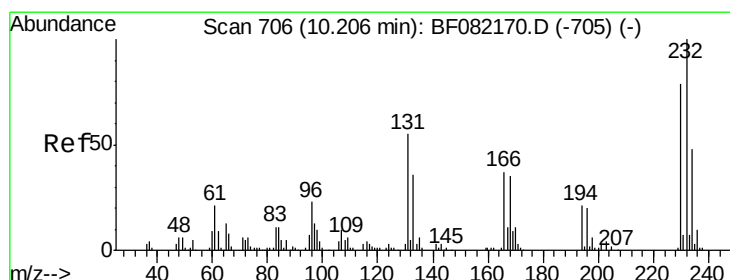
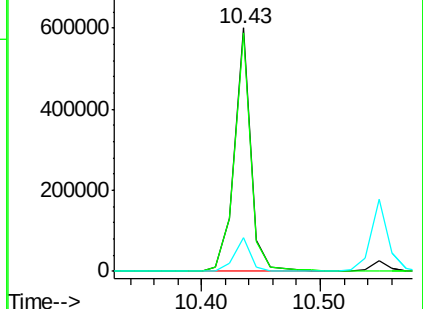
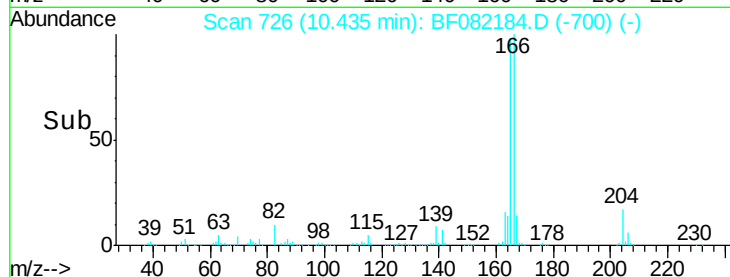
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.28 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion:232 Resp: 166353

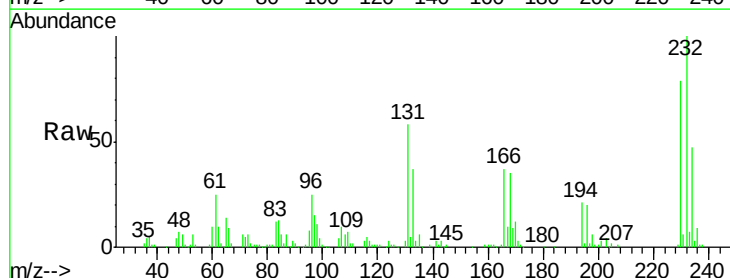
Ion Ratio Lower Upper

232 100

131 42.8 36.6 54.8

130 1.8 1.5 2.3

166 29.1 24.6 37.0

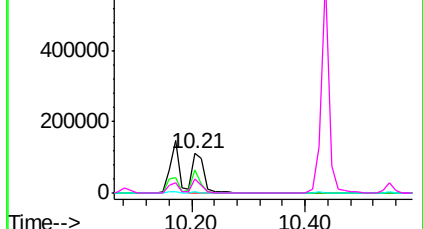
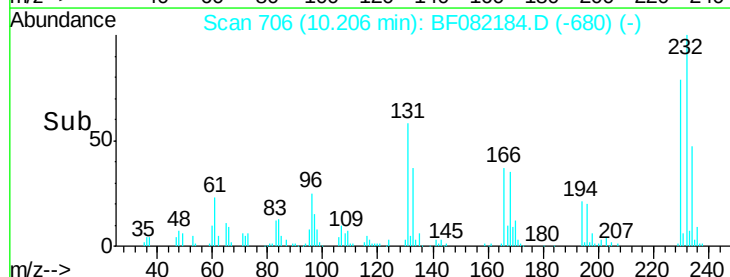


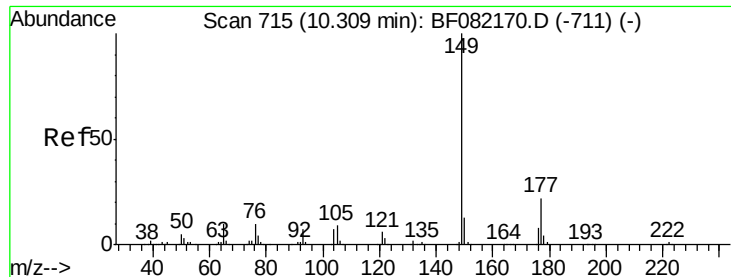
Abundance Ion 232.00 (231.70 to 232.70): E

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

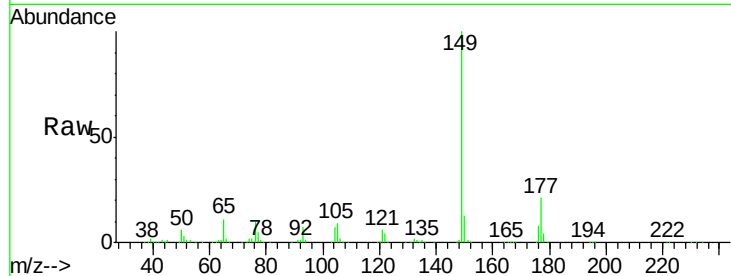




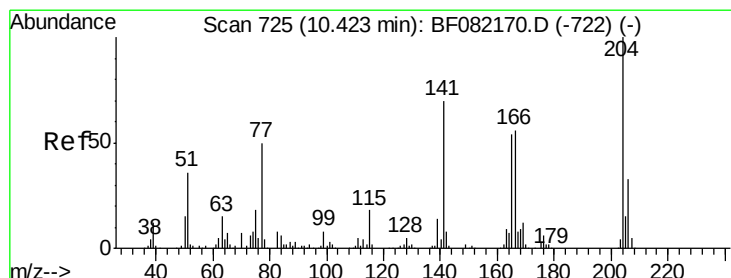
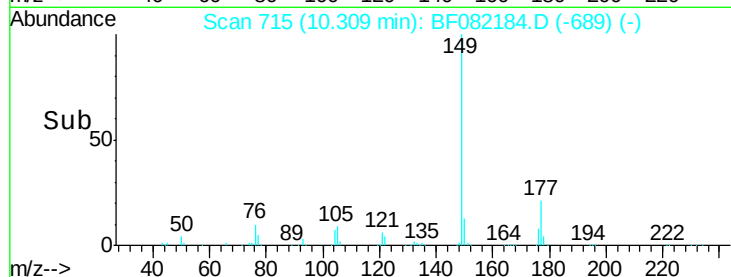
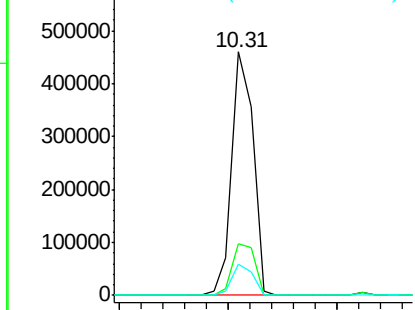
#59
Diethylphthalate
Concen: 48.08 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 621898
Ion Ratio Lower Upper
149 100
177 21.0 17.6 26.4
150 12.9 10.3 15.5

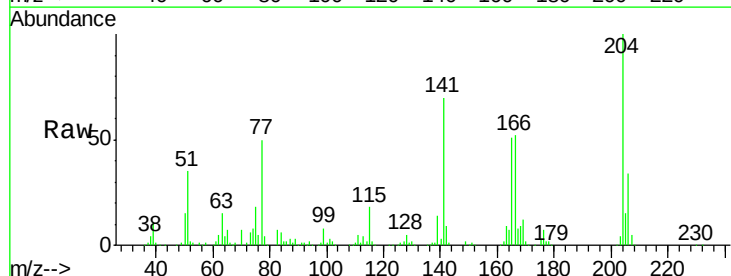


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

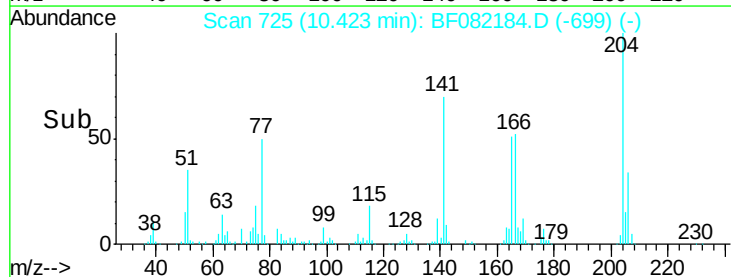
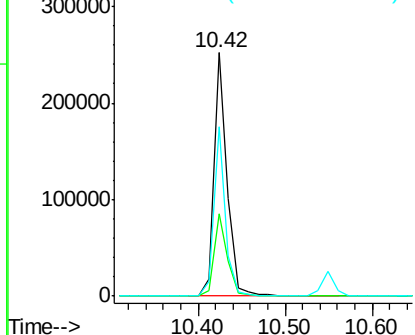


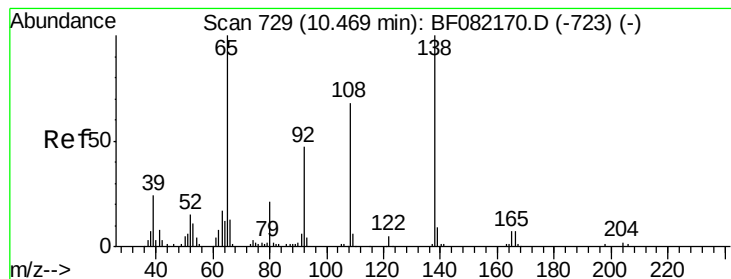
#60
4-Chlorophenyl-phenylether
Concen: 46.66 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:204 Resp: 266575
Ion Ratio Lower Upper
204 100
206 33.8 26.8 40.2
141 69.5 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: 43.65 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampled :

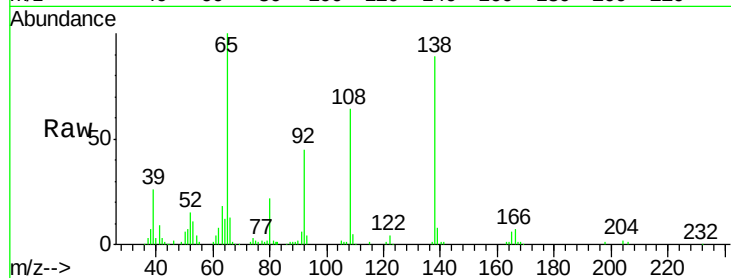
Tot Ion:138 Resp: 140026

Ion Ratio Lower Upper

138 100

92 51.0 26.8 66.8

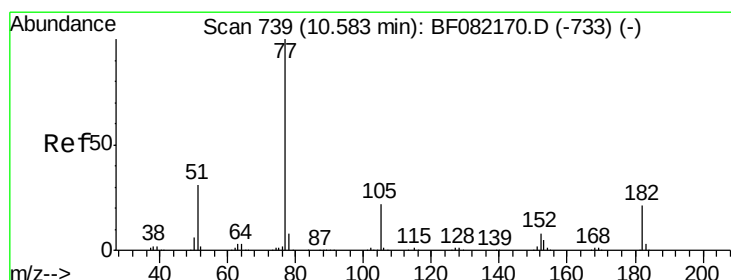
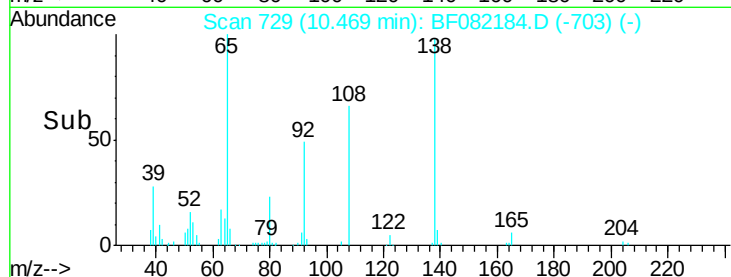
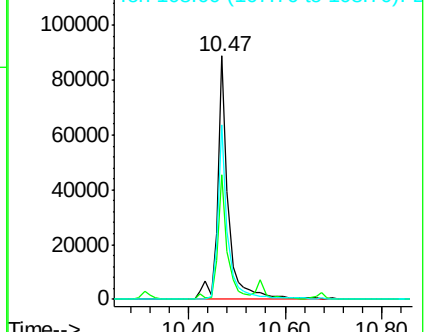
108 71.4 48.4 88.4



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: 46.72 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion: 77 Resp: 591425

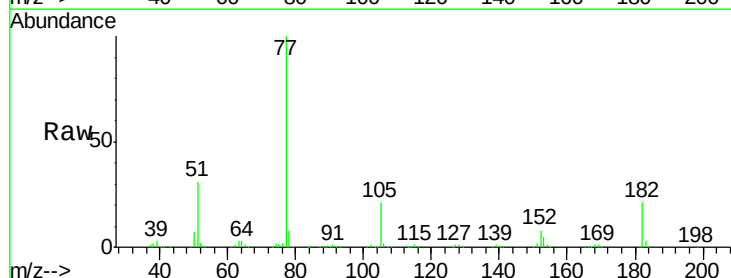
Ion Ratio Lower Upper

77 100

182 21.0 0.5 40.5

105 21.4 1.8 41.8

51 31.5 11.2 51.2

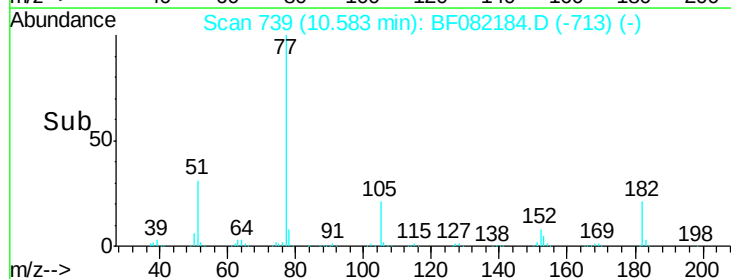
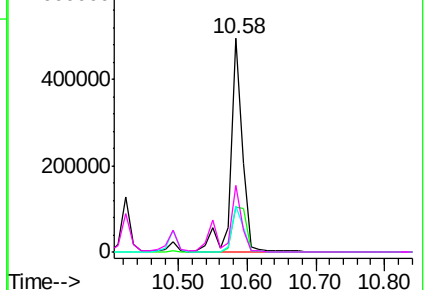


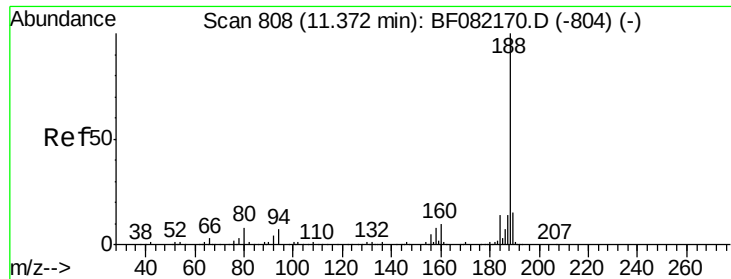
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

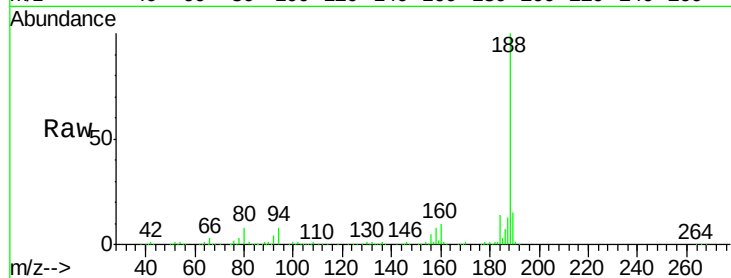




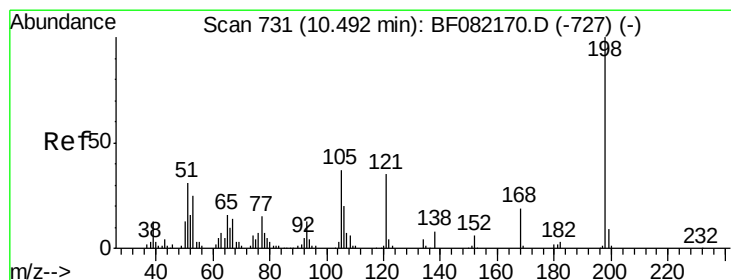
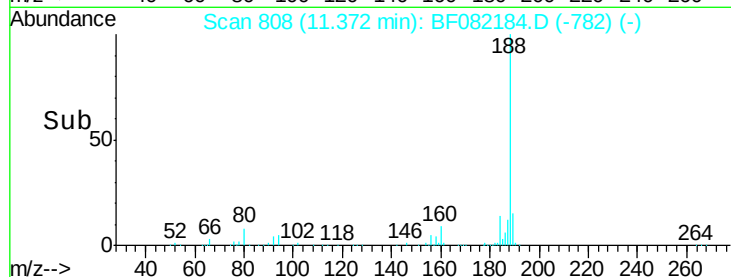
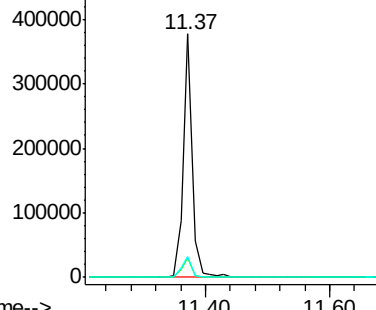
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 377514
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 8.3 6.4 9.6

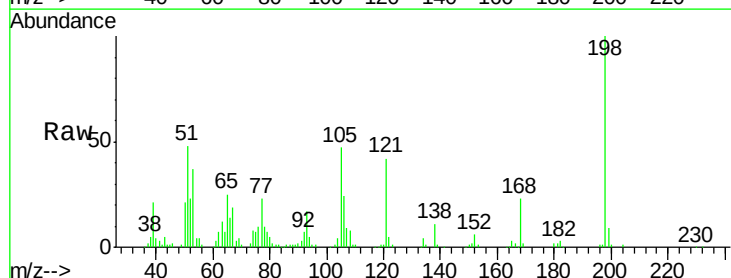


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

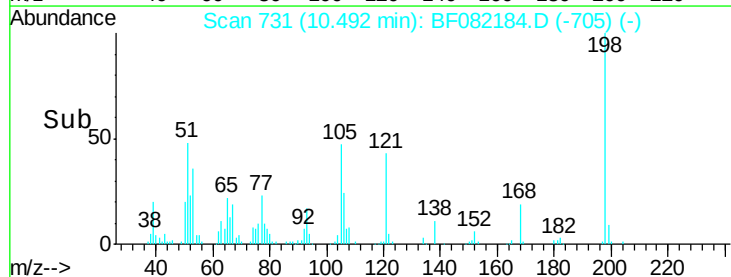
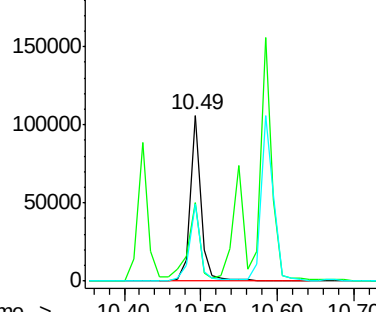


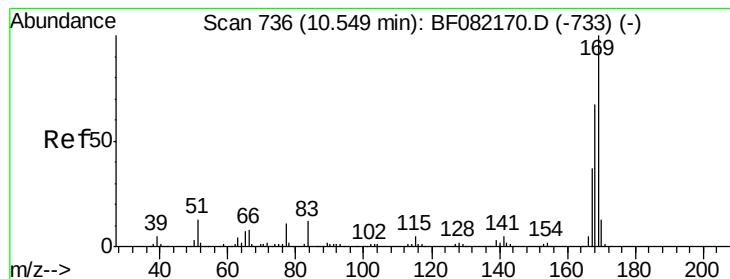
#64
4,6-Dinitro-2-methylphenol
Concen: 49.05 ng
RT: 10.49 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:198 Resp: 103921
Ion Ratio Lower Upper
198 100
51 47.6 13.6 53.6
105 46.6 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: 43.86 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

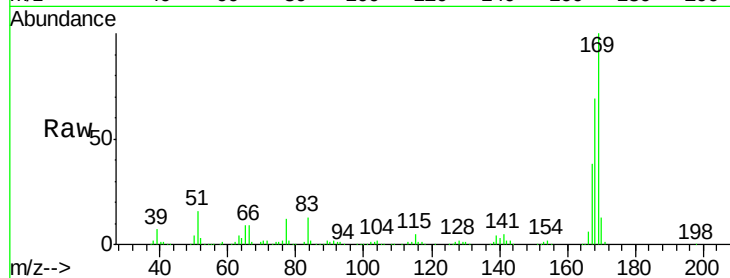
Tot Ion:169 Resp: 495732

Ion Ratio Lower Upper

169 100

168 68.5 54.0 81.0

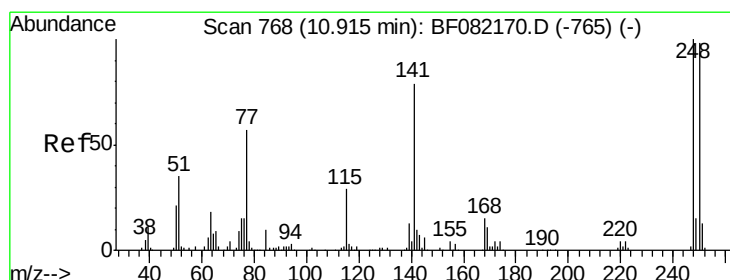
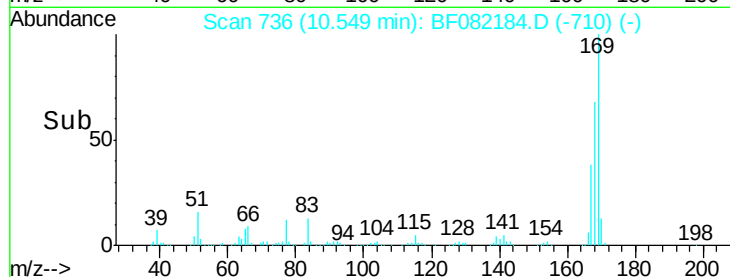
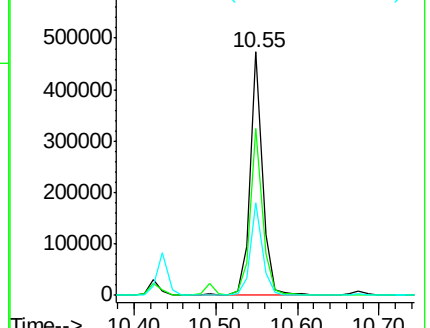
167 37.9 29.6 44.4



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: 46.65 ng

RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

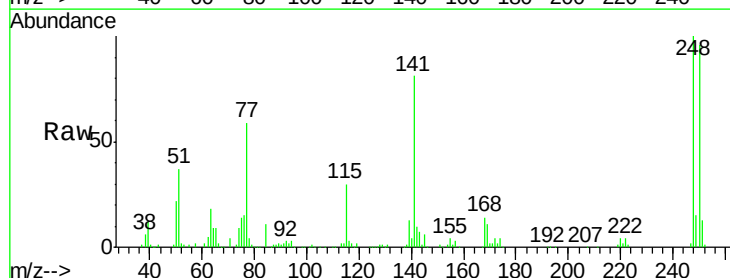
Tgt Ion:248 Resp: 176237

Ion Ratio Lower Upper

248 100

250 95.8 78.6 117.8

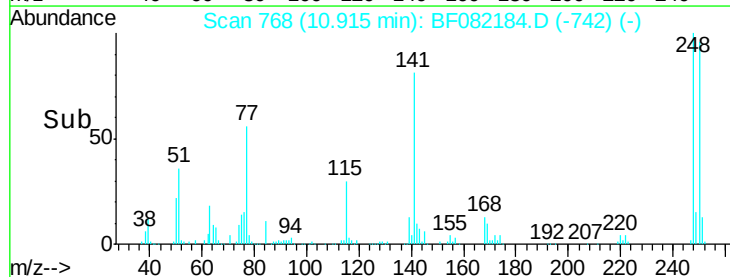
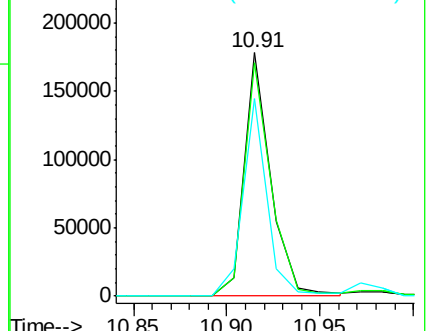
141 80.9 63.3 94.9

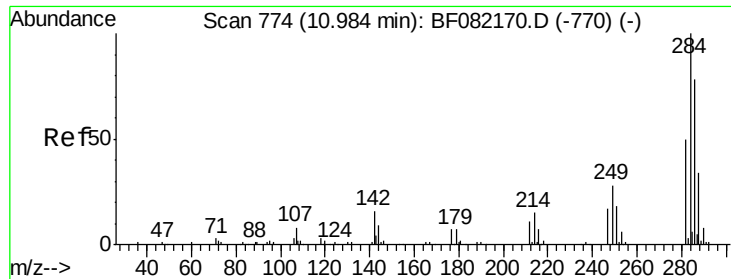


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.21 ng

RT: 10.98 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

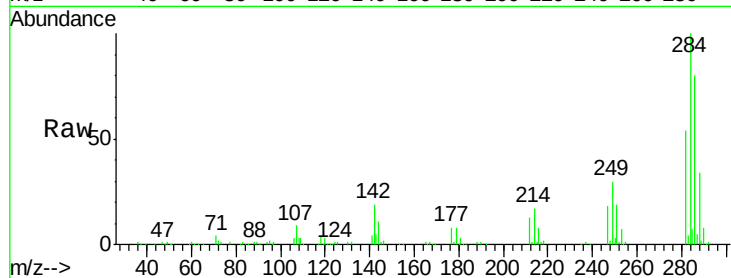
Tot Ion:284 Resp: 196975

Ion Ratio Lower Upper

284 100

142 19.0 13.0 19.6

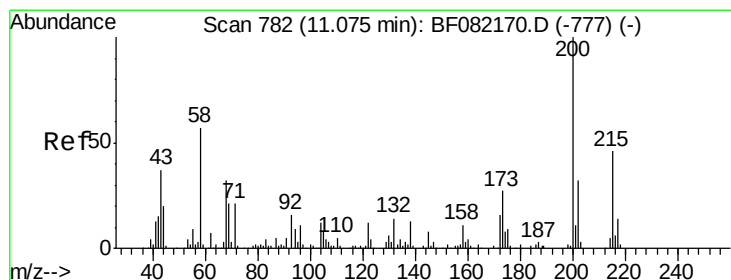
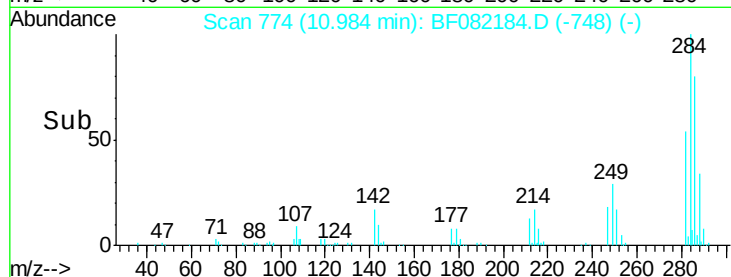
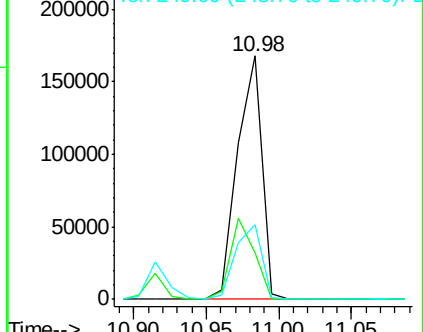
249 30.4 22.5 33.7



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: 46.55 ng

RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

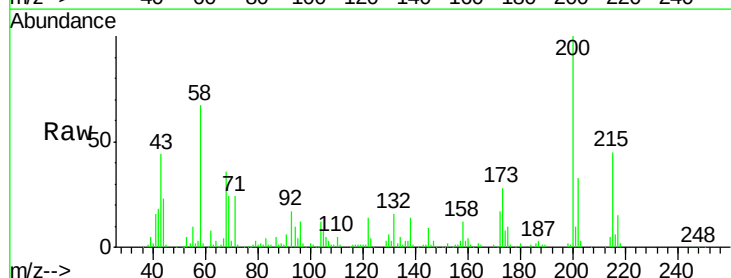
Tgt Ion:200 Resp: 166707

Ion Ratio Lower Upper

200 100

173 27.8 7.3 47.3

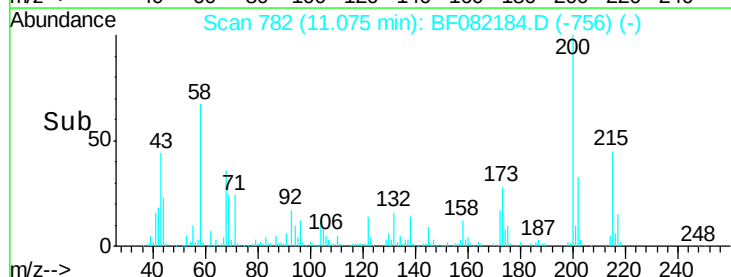
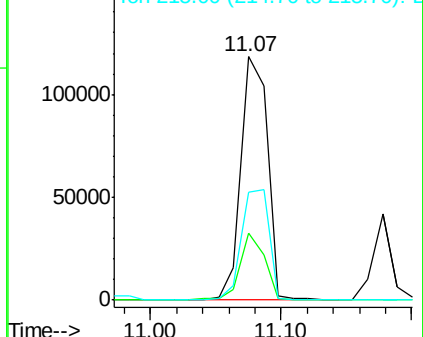
215 44.5 26.2 66.2

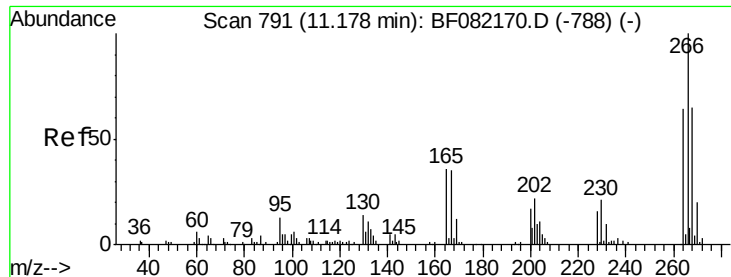


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

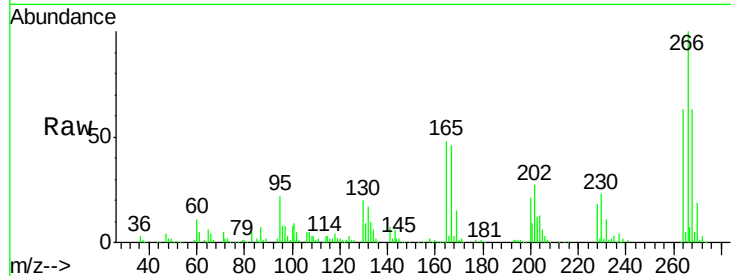




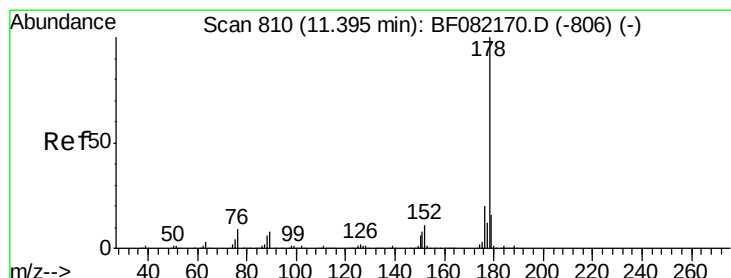
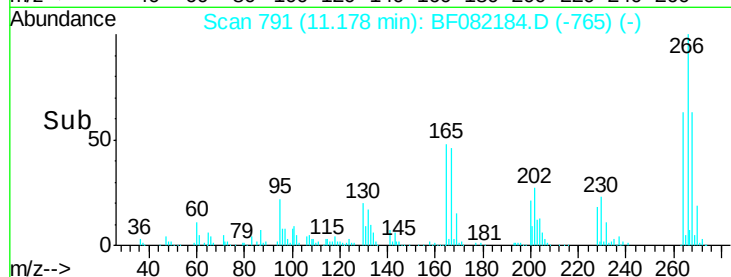
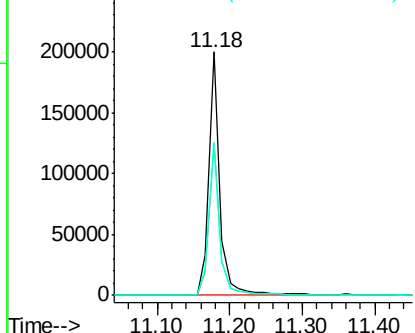
#69
 Pentachlorophenol
 Concen: 101.27 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 212929
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.0 78.0
 264 62.9 51.4 77.0

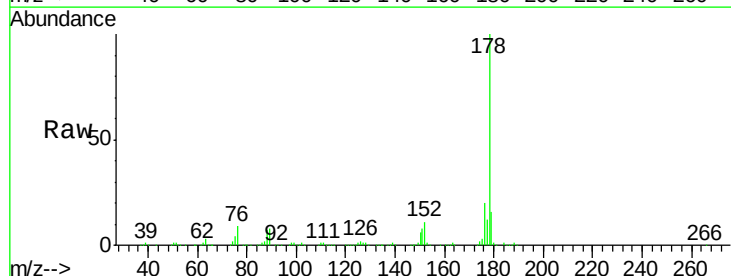


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

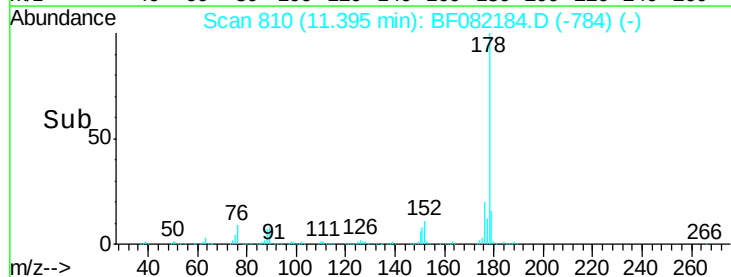
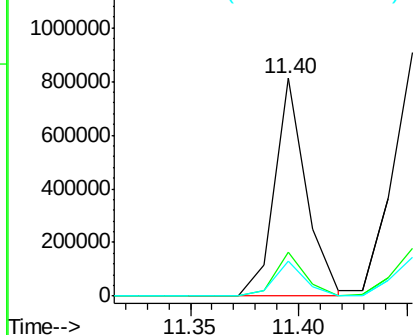


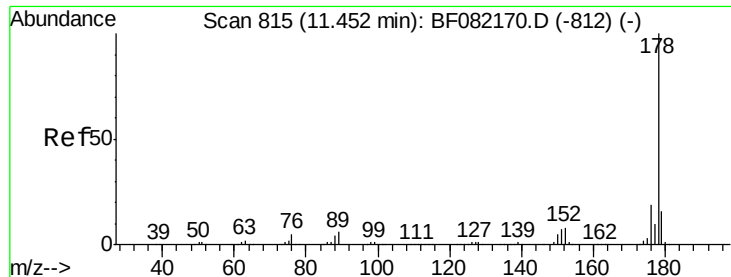
#70
 Phenanthrene
 Concen: 44.50 ng
 RT: 11.40 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion:178 Resp: 823471
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.9 12.6 19.0



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

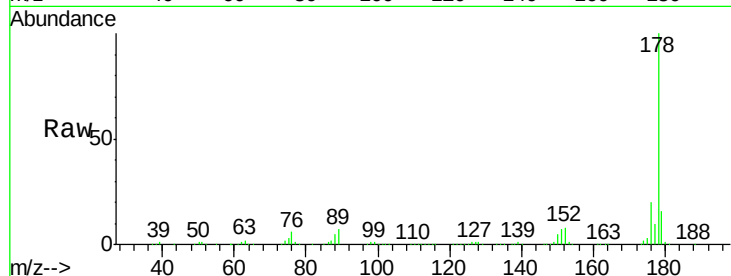




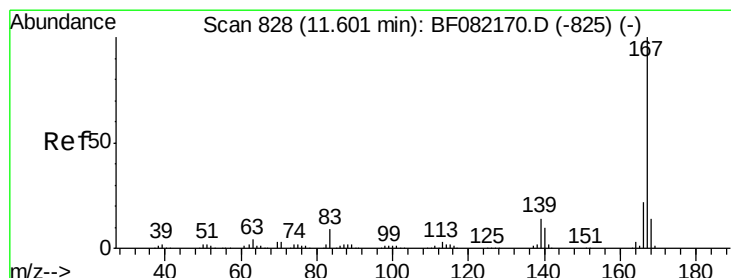
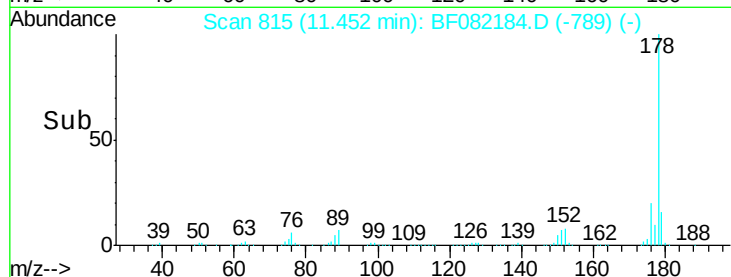
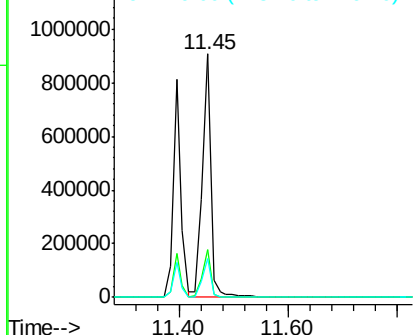
#71
 Anthracene
 Concen: 51.19 ng
 RT: 11.45 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 976052
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 15.7 12.5 18.7

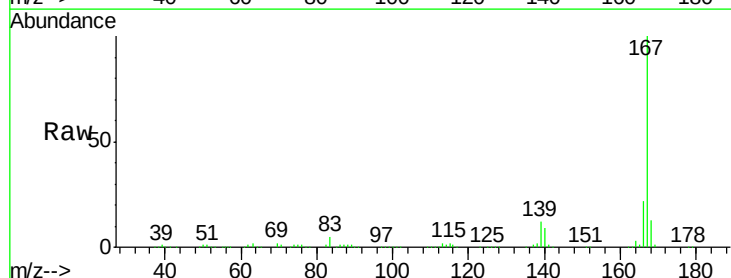


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

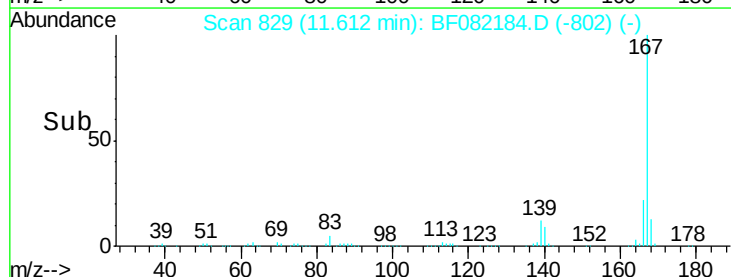
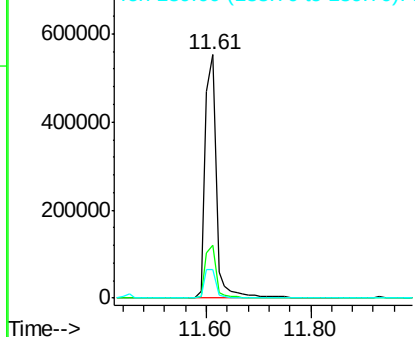


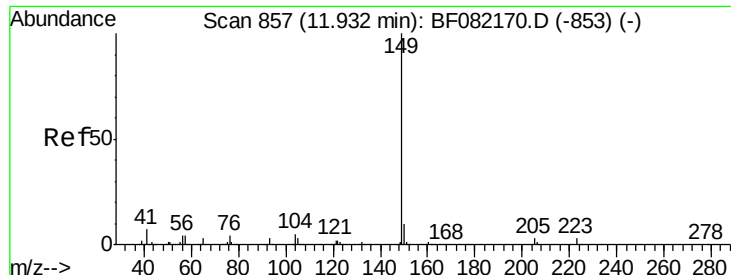
#72
 Carbazole
 Concen: 47.65 ng
 RT: 11.61 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion:167 Resp: 828874
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 11.7 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: 44.72 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampled :

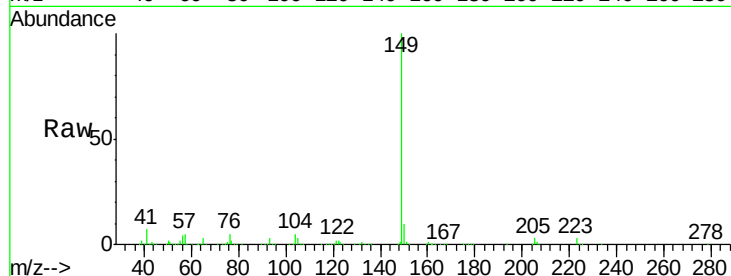
Tot Ion:149 Resp: 959683

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

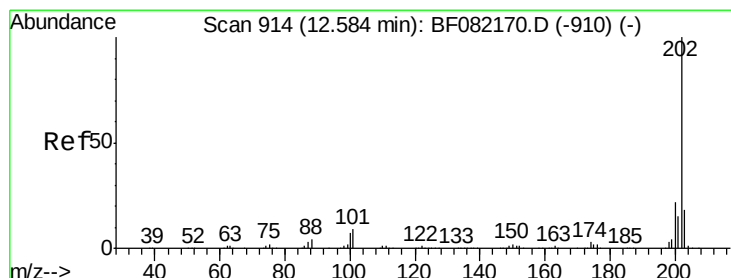
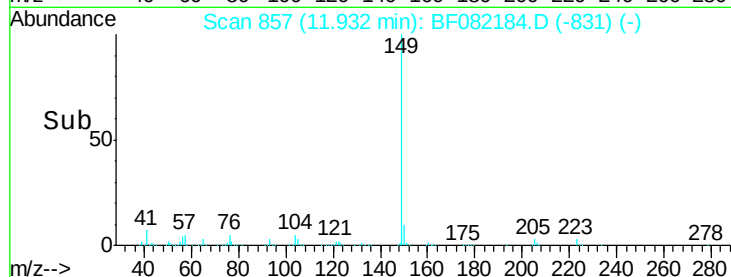
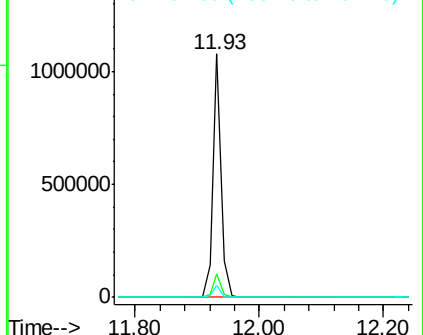
104 5.1 3.8 5.8



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: 45.92 ng

RT: 12.58 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

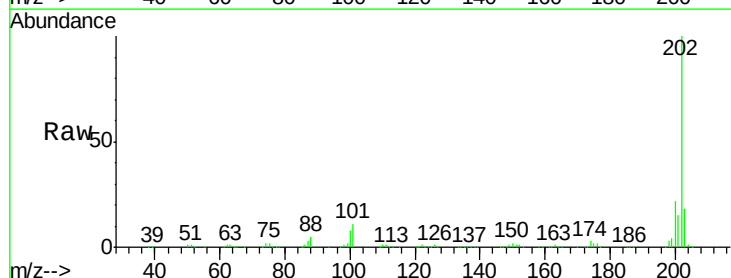
Tgt Ion:202 Resp: 912622

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.3

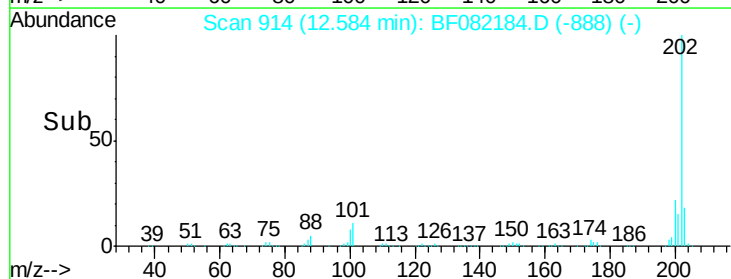
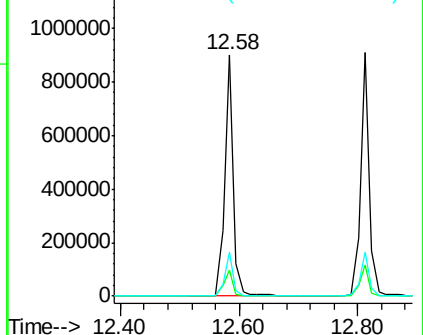
203 18.2 0.0 37.8

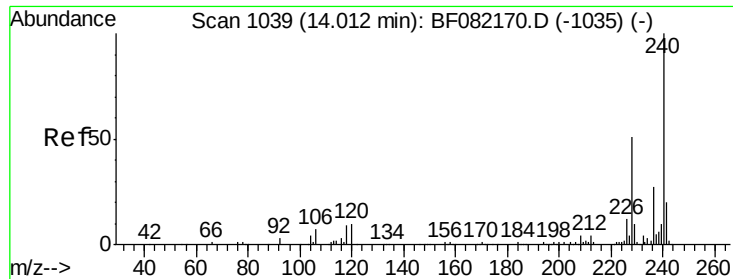


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

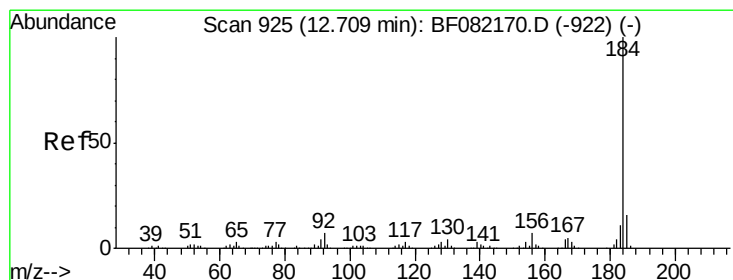
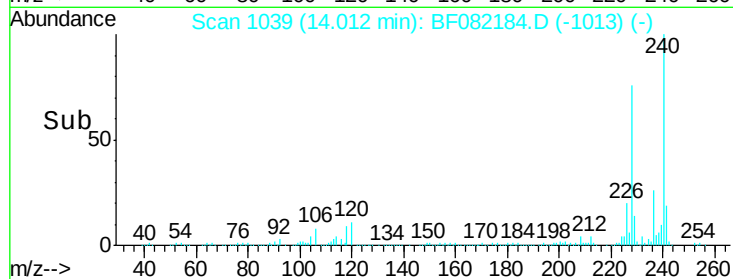
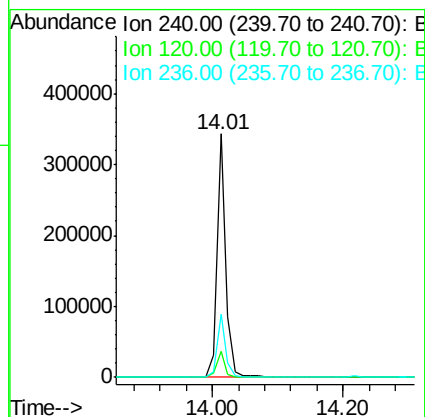
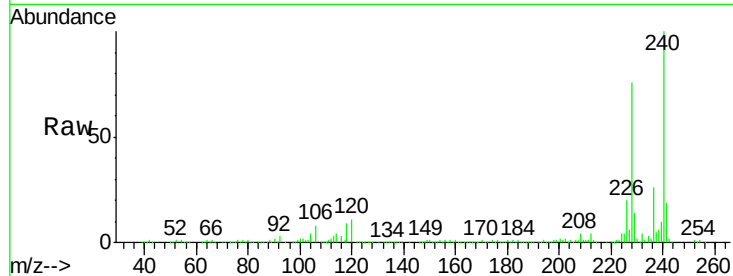




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

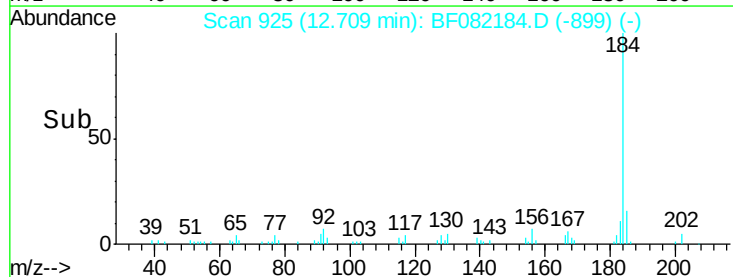
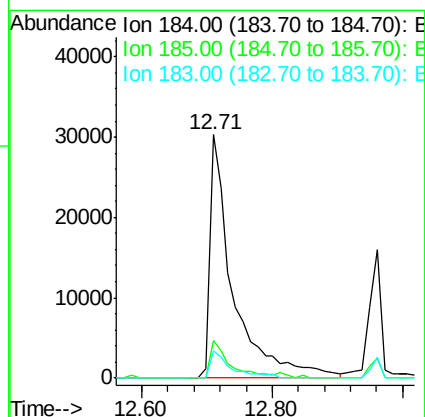
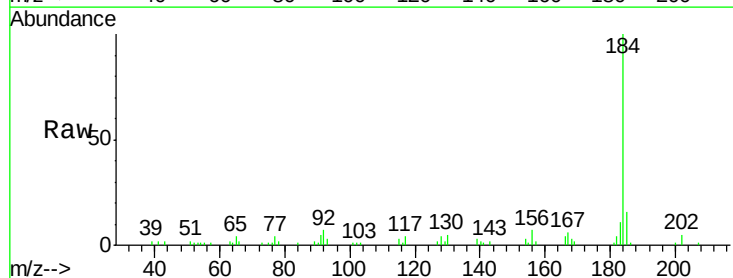
Instrument :
 BNA_F
 ClientSampleId :

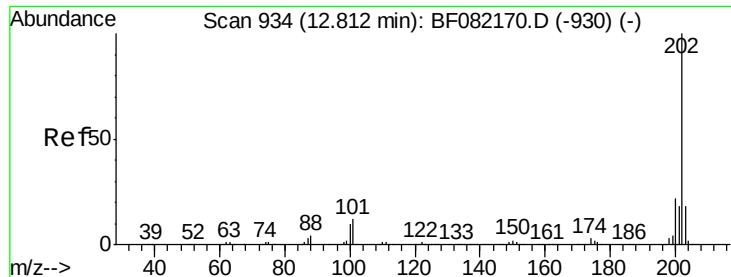
Tot Ion:240 Resp: 332251
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 25.7 21.3 31.9



#76
 Benzidine
 Concen: 7.76 ng
 RT: 12.71 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion:184 Resp: 74701
 Ion Ratio Lower Upper
 184 100
 185 15.6 12.5 18.7
 183 11.4 9.1 13.7

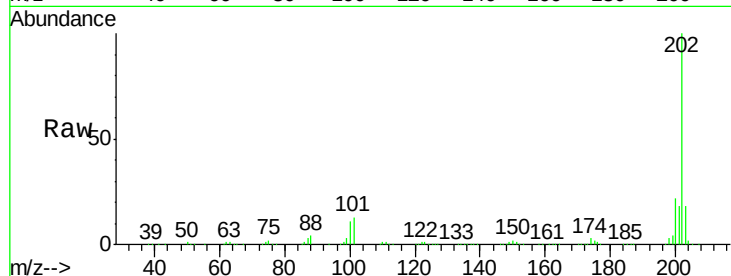




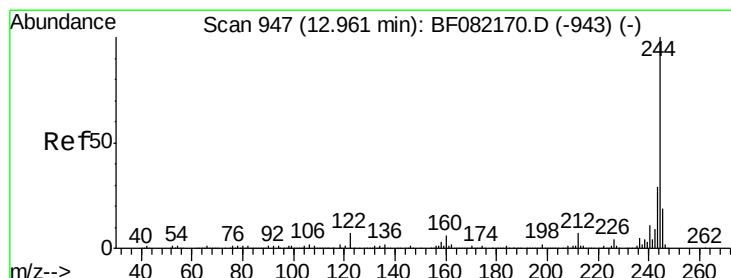
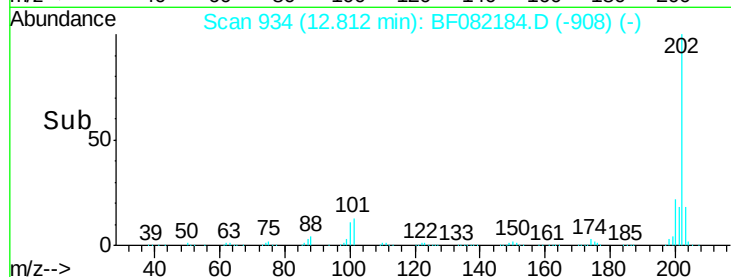
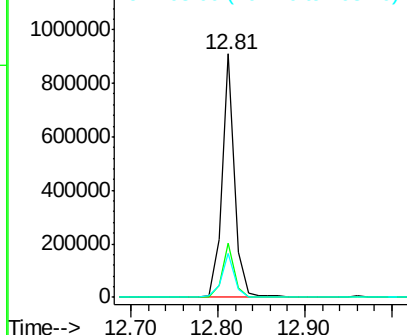
#77
Pvrene
Concen: 46.38 ng
RT: 12.81 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 914462
Ion Ratio Lower Upper
202 100
200 22.1 17.9 26.9
203 17.9 14.5 21.7

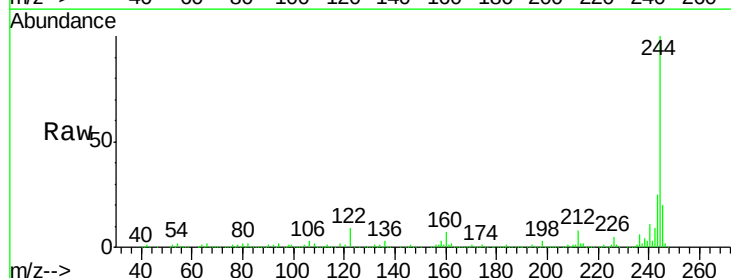


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

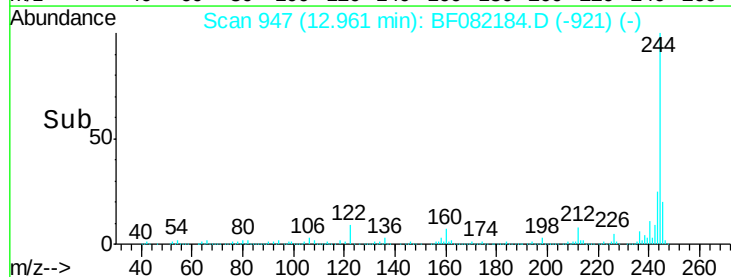
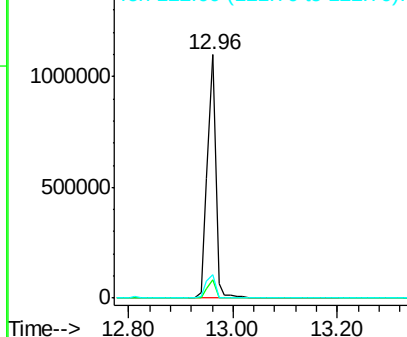


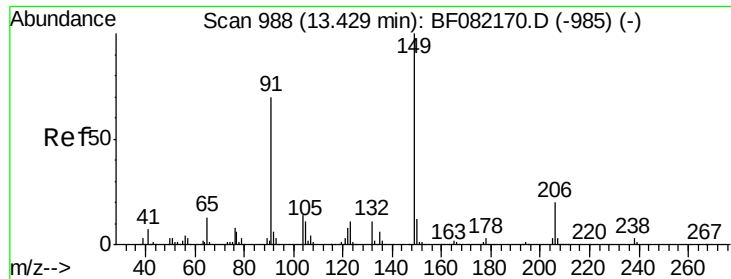
#78
Terphenyl-d14
Concen: 98.32 ng
RT: 12.96 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:244 Resp: 1232757
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 9.4 5.9 8.9#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

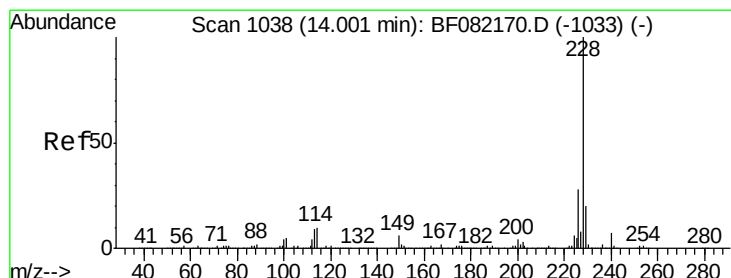
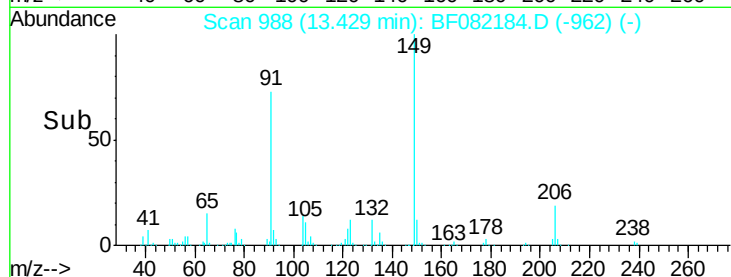
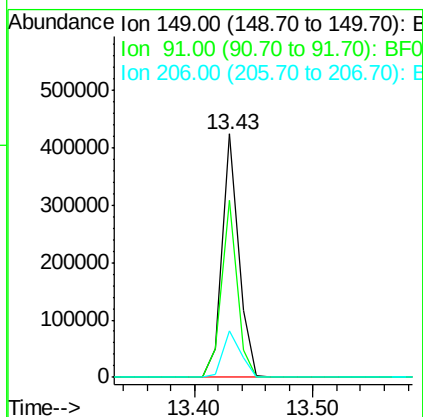
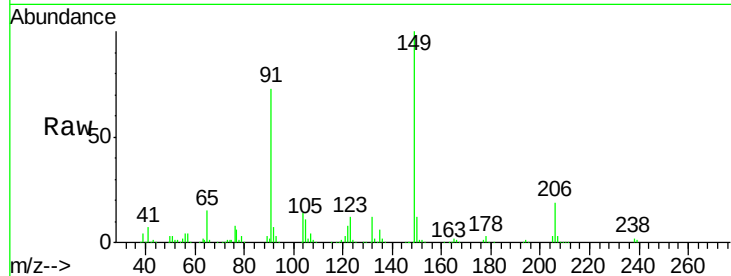




#79
Butylbenzylphthalate
Concen: 45.64 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

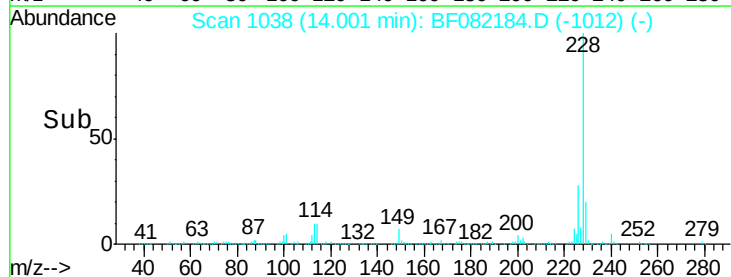
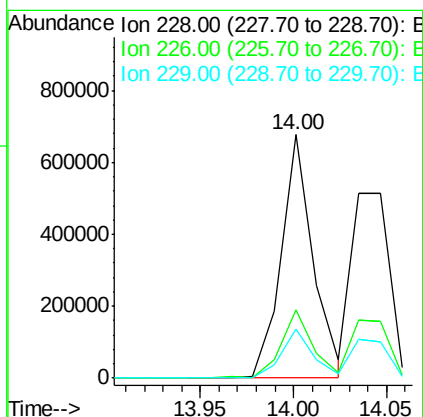
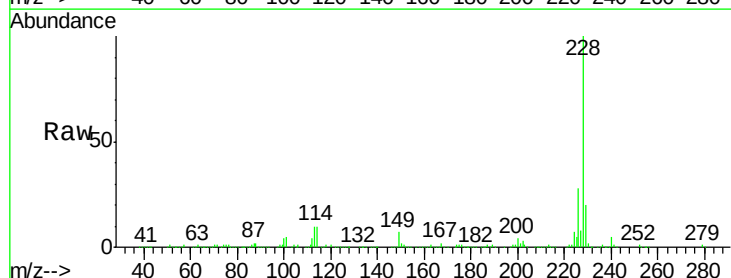
Instrument :
BNA_F
ClientSampleId :

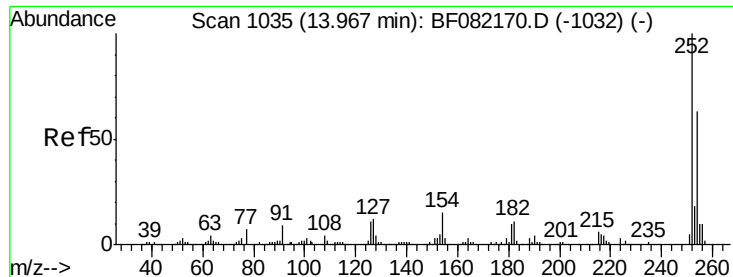
Tot Ion:149 Resp: 410708
Ion Ratio Lower Upper
149 100
91 73.0 55.7 83.5
206 18.9 15.6 23.4



#80
Benzo(a)anthracene
Concen: 46.71 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:228 Resp: 807530
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 19.9 16.2 24.2

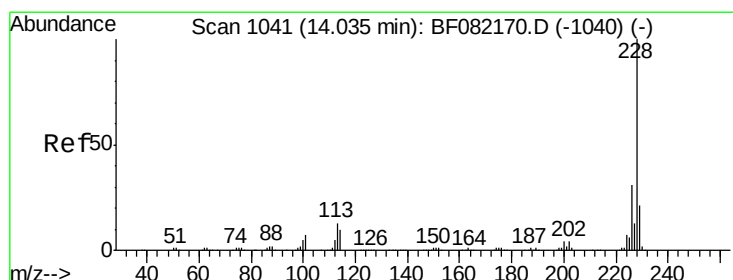
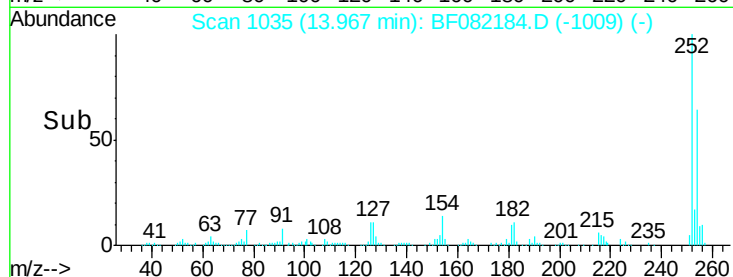
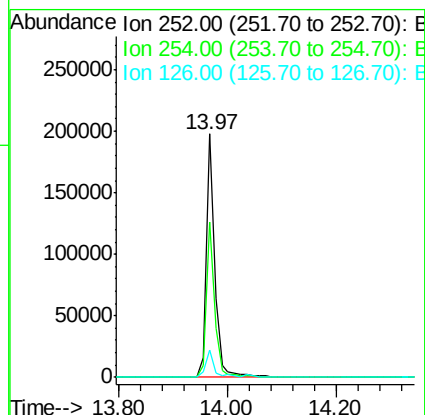
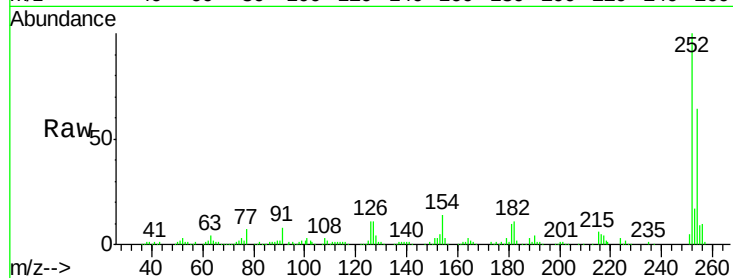




#81
 3,3'-Dichlorobenzidine
 Concen: 32.33 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

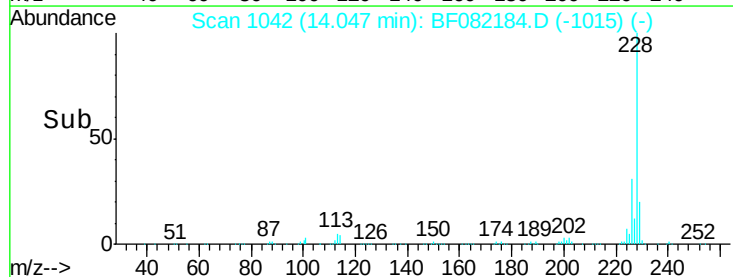
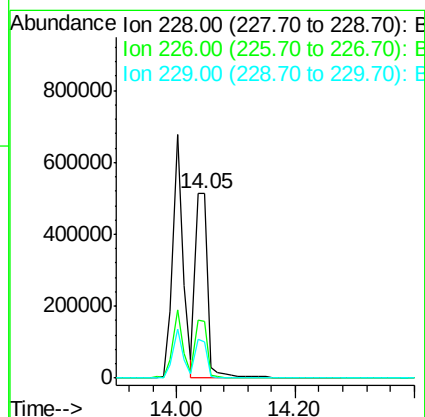
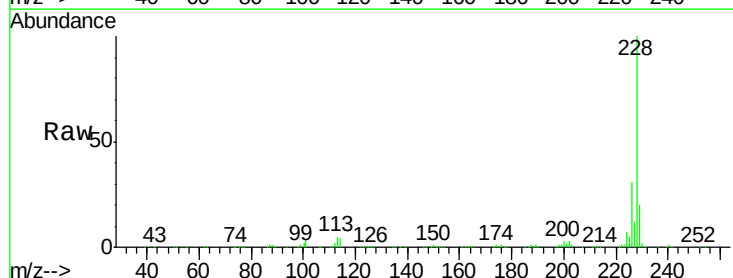
Instrument :
 BNA_F
 ClientSampleId :

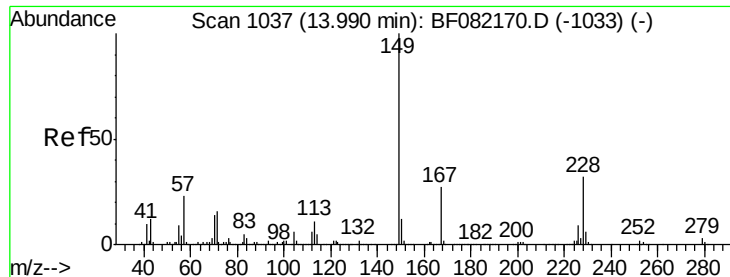
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.7	76.1
126	11.3	9.0	13.6



#82
 Chrysene
 Concen: 42.10 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.38 ng

RT: 13.99 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

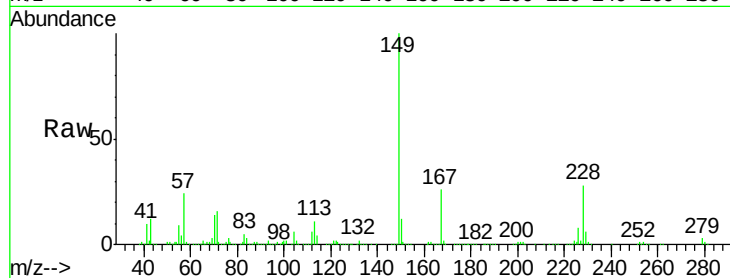
Tot Ion:149 Resp: 633932

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

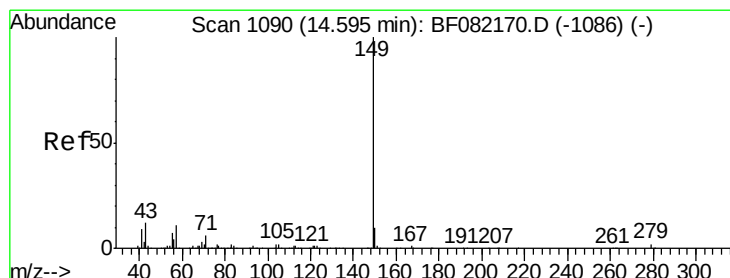
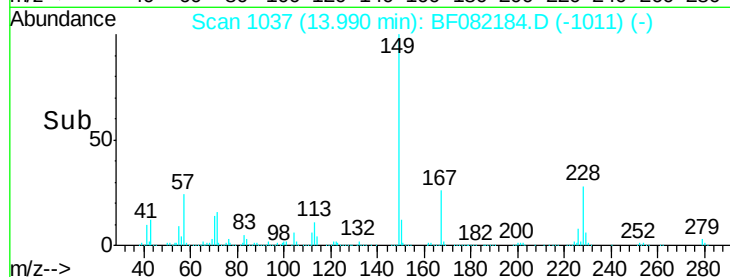
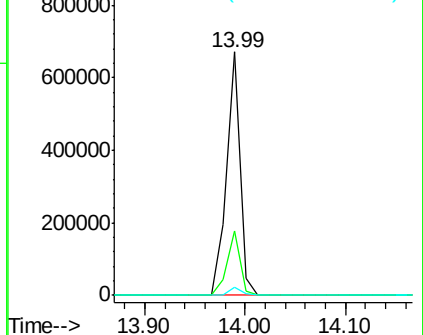
279 3.2 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.97 ng

RT: 14.61 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

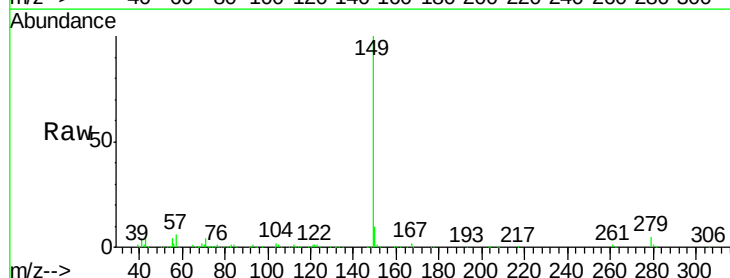
Tgt Ion:149 Resp: 1035441

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

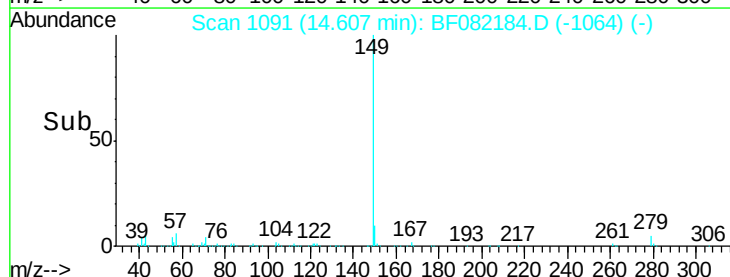
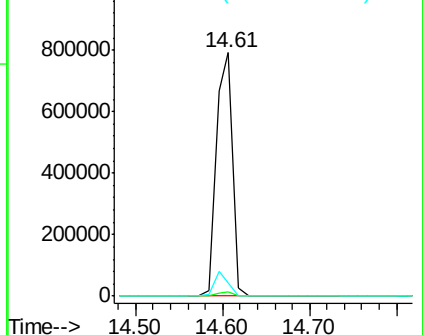
43 8.7 7.4 11.2

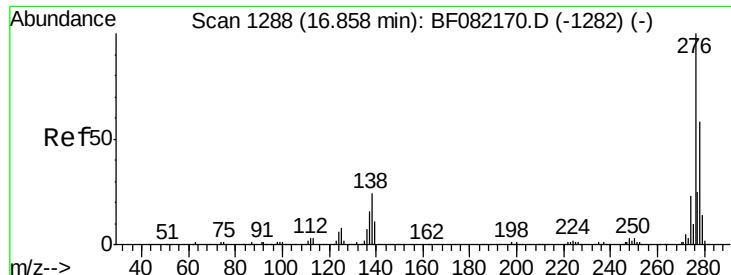


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

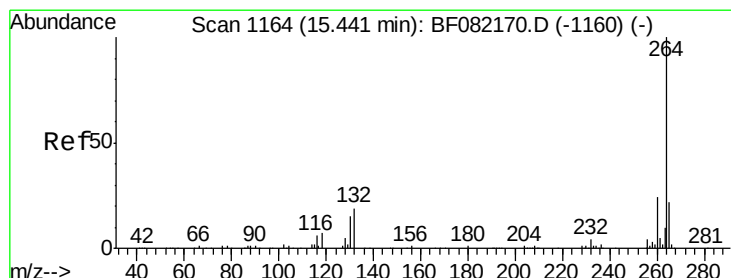
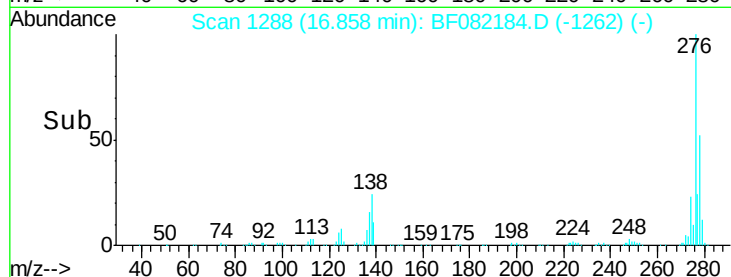
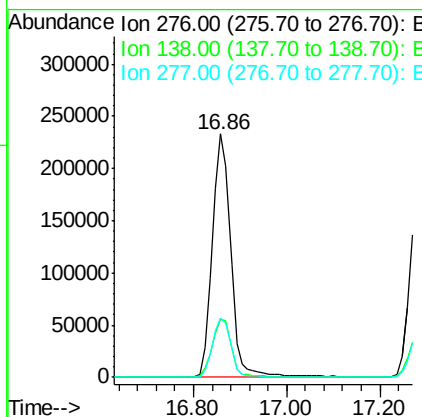
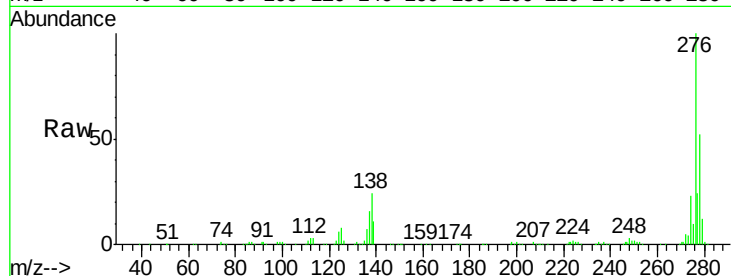




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.65 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

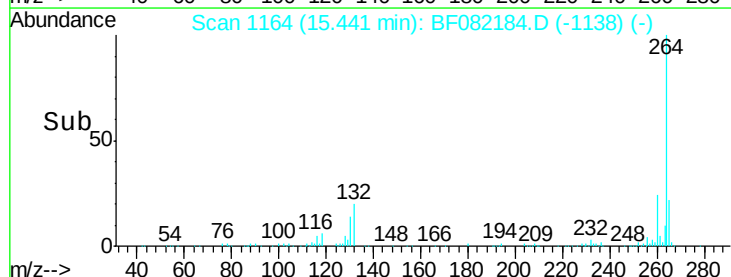
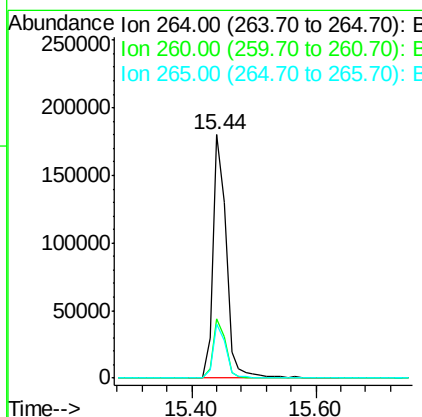
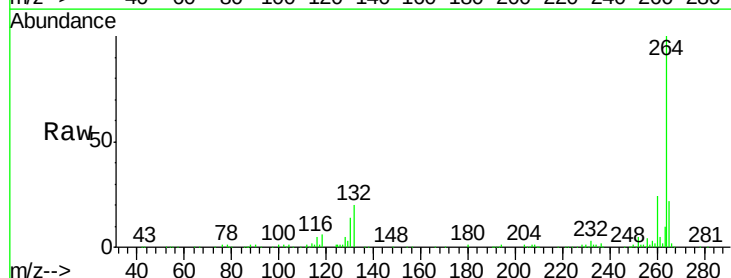
Instrument :
 BNA_F
 ClientSampleId :

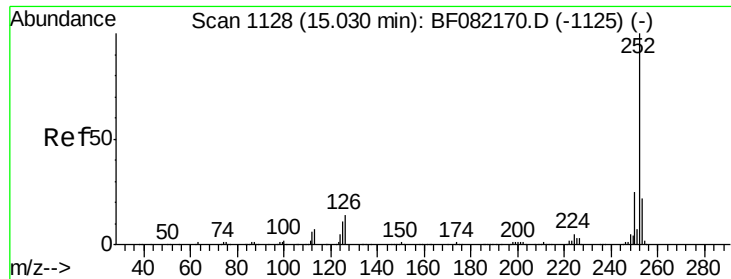
Tot Ion:276 Resp: 646401
 Ion Ratio Lower Upper
 276 100
 138 24.7 19.7 29.5
 277 24.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion:264 Resp: 262340
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 22.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 89.88 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.03 min

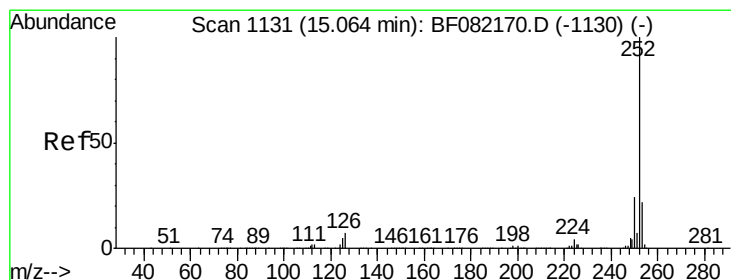
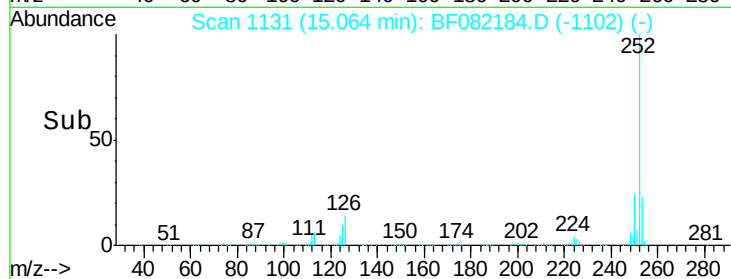
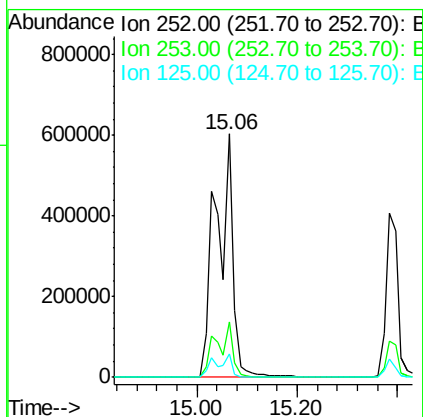
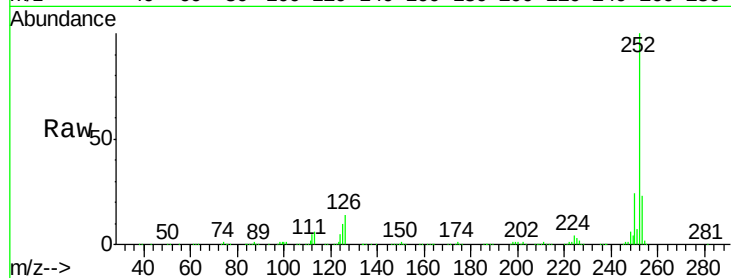
Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1434538

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.7	8.6	12.8



#88

Benzo(k)fluoranthene

Concen: 107.09 ng

RT: 15.06 min Scan# 1131

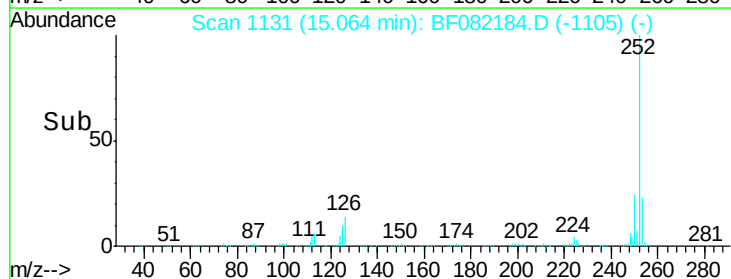
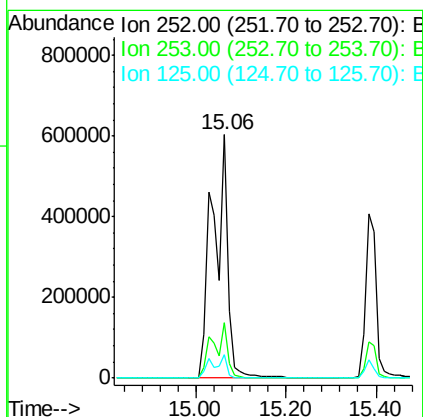
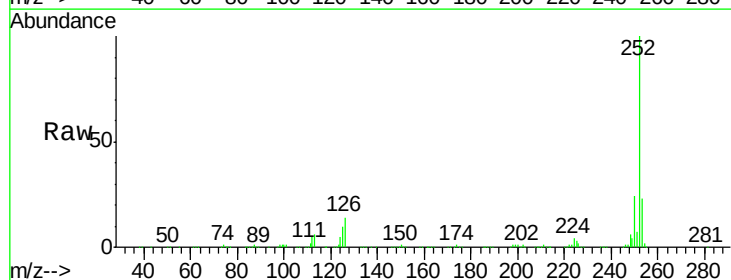
Delta R.T. 0.00 min

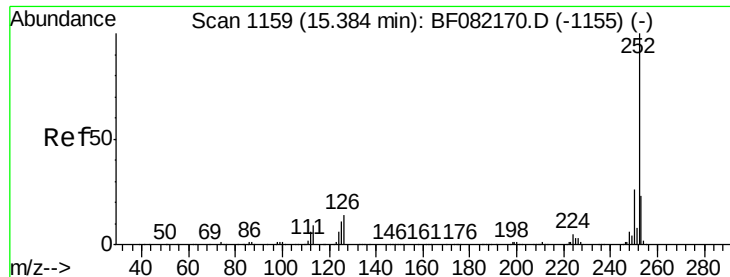
Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion:252 Resp: 1436624

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	9.7	6.7	10.1

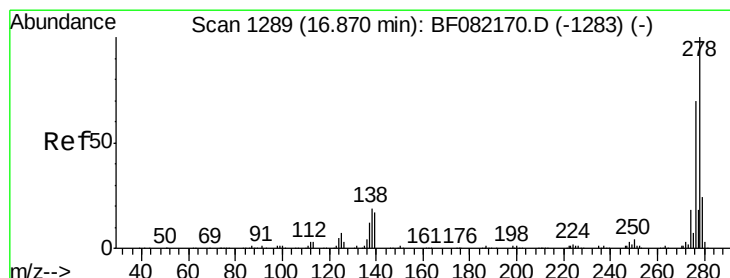
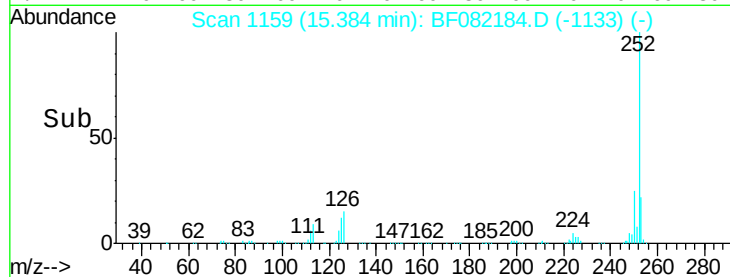
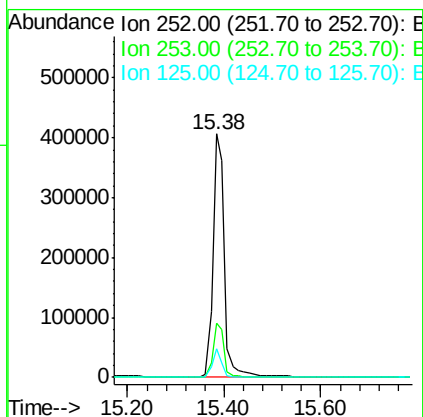
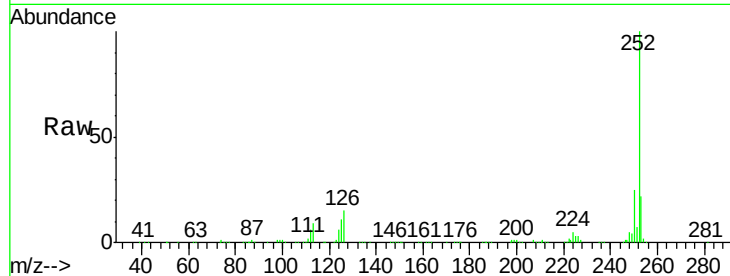




#89
Benzo(a)pyrene
Concen: 49.28 ng
RT: 15.38 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

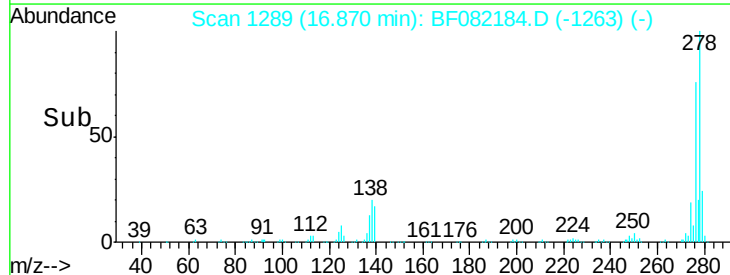
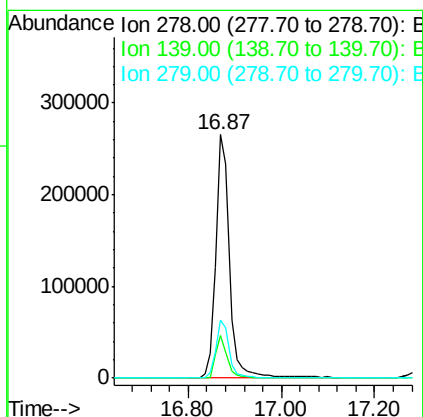
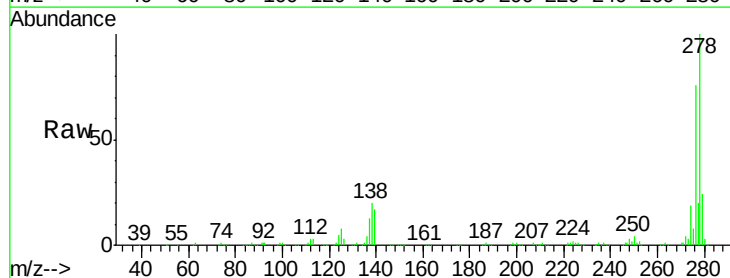
Instrument :
BNA_F
ClientSampleId :

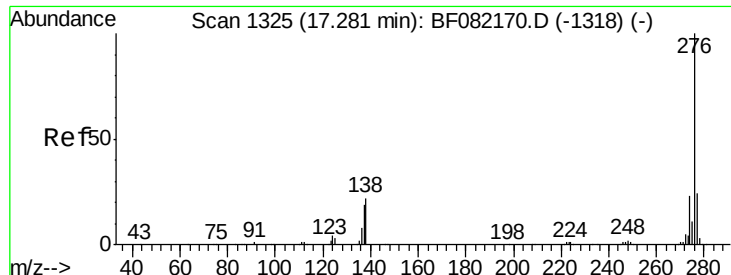
Tot Ion:252 Resp: 675998
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 11.5 8.9 13.3



#90
Dibenzo(a,h)anthracene
Concen: 48.28 ng
RT: 16.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:278 Resp: 542695
Ion Ratio Lower Upper
278 100
139 17.4 13.3 19.9
279 24.1 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 48.59 ng

RT: 17.28 min Scan# 1325

Delta R.T. 0.00 min

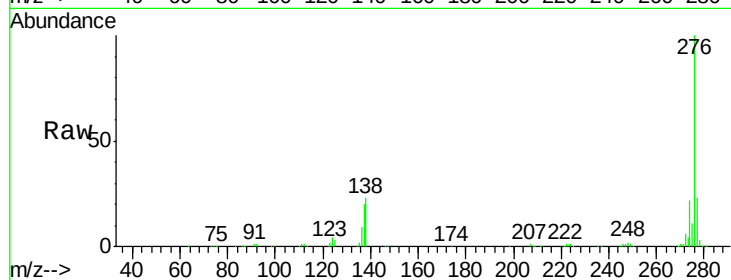
Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 530645

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 22.7 17.4 26.2

