

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 :
 A13COMPMS

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

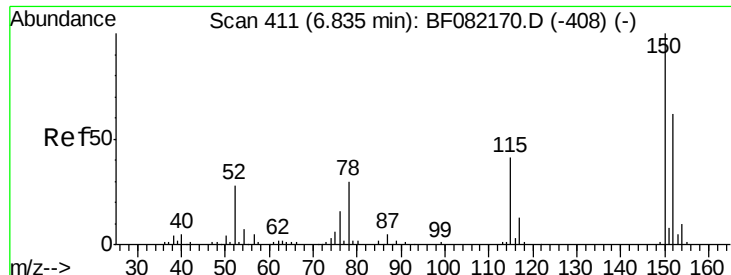
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	174829	44.91	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	203129	48.17	nq	# 94
45) 1,1'-Biphenyl	9.30	154	658079	43.80	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



#1

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 :

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A13COMPMS

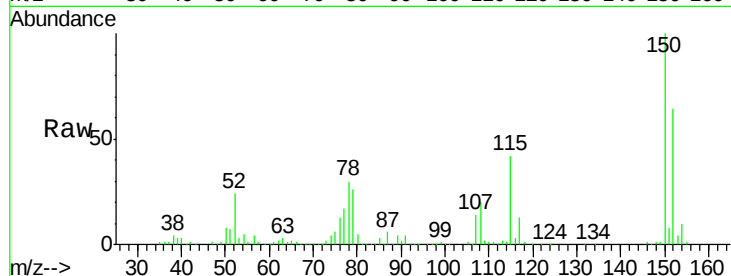
Tot Ion:152 Resp: 319141

Ion Ratio Lower Upper

152 100

150 156.9 129.0 193.4

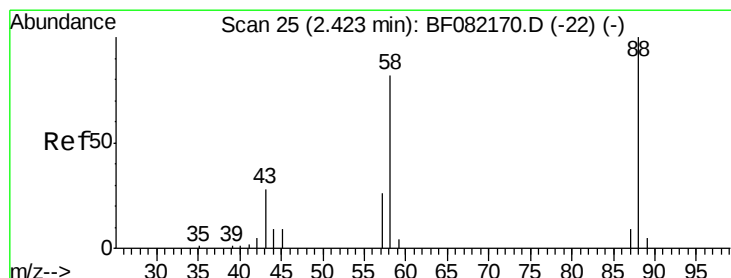
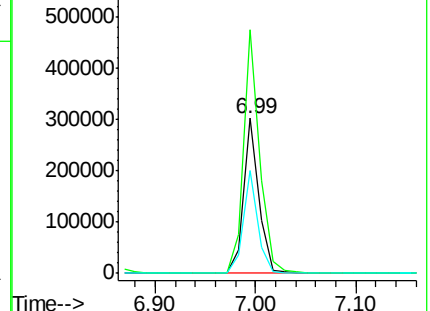
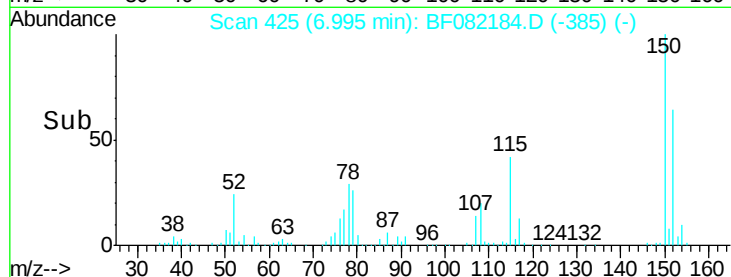
115 65.9 52.1 78.1



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

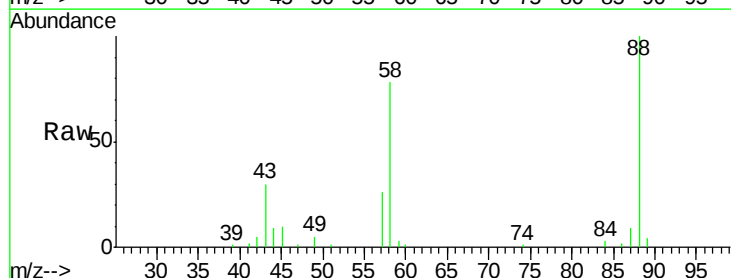
Tgt Ion: 88 Resp: 84581

Ion Ratio Lower Upper

88 100

58 79.1 66.2 99.4

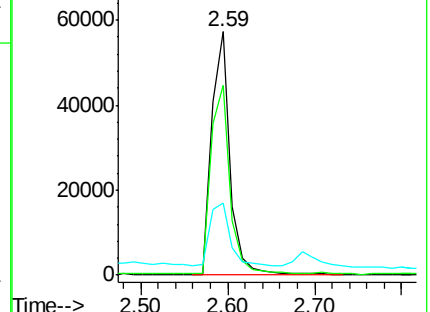
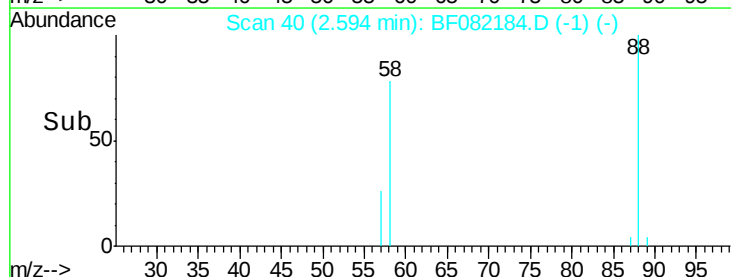
43 0.0 23.0 34.4#

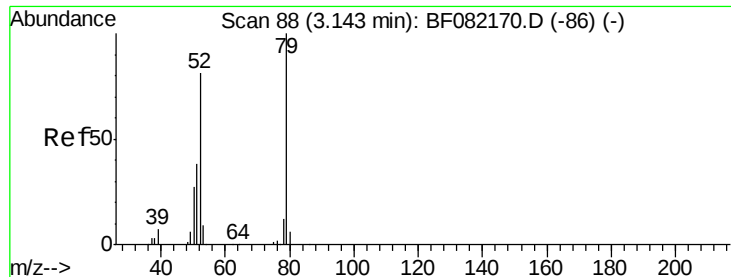


Abundance Ion 88.00 (87.70 to 88.70): BF0

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 :

A13COMPMS

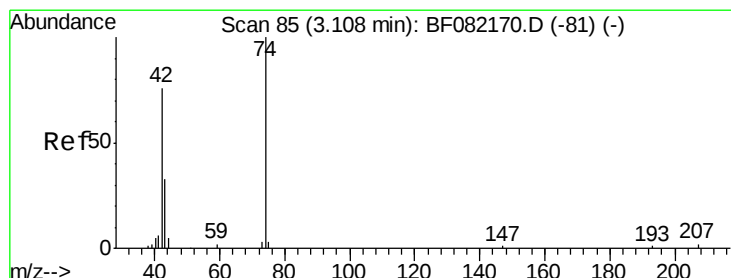
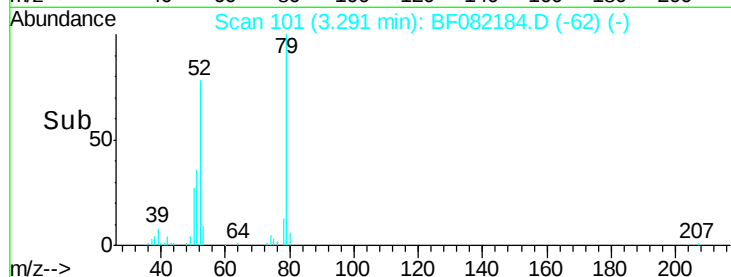
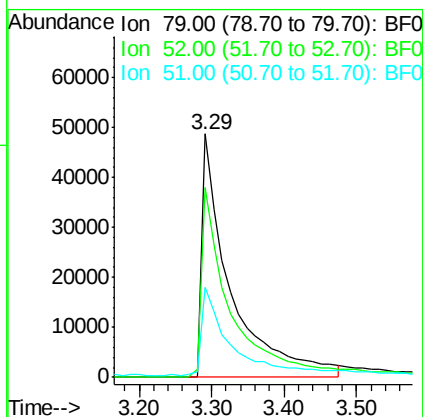
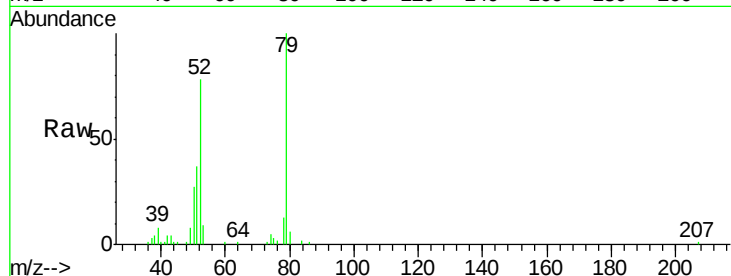
Tot Ion: 79 Resp: 132426

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

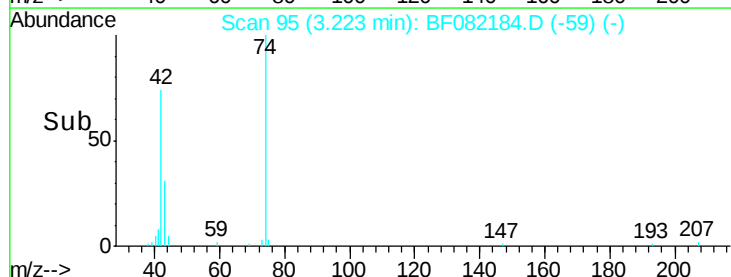
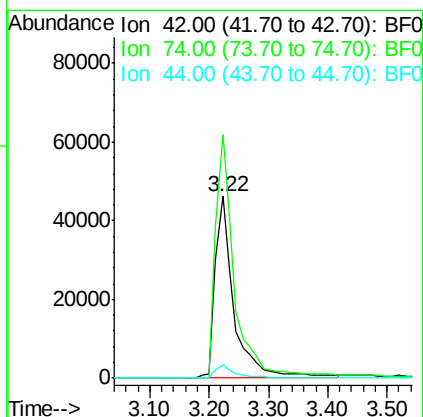
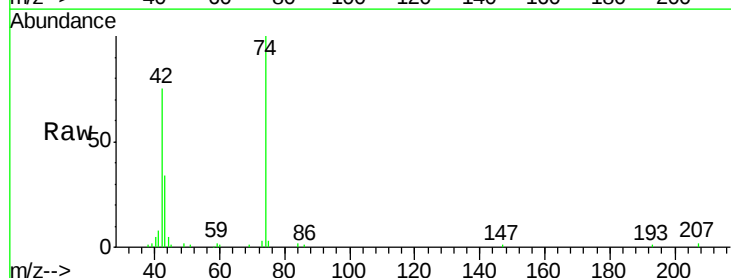
Tgt Ion: 42 Resp: 102042

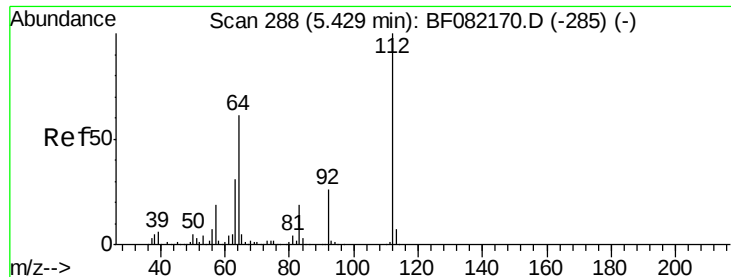
Ion Ratio Lower Upper

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 :

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ClientSampleId :

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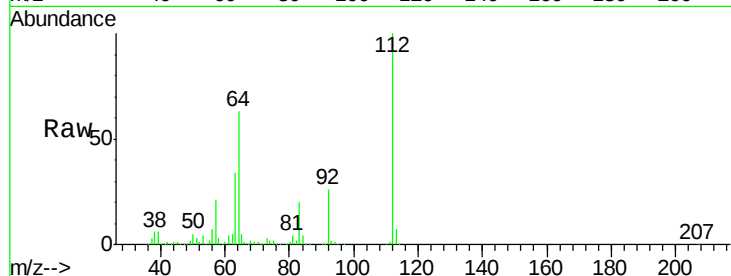
Tot Ion:112 Resp: 632540

Ion Ratio Lower Upper

112 100

64 63.4 48.6 73.0

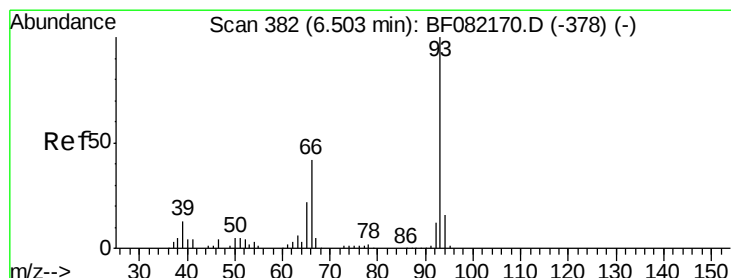
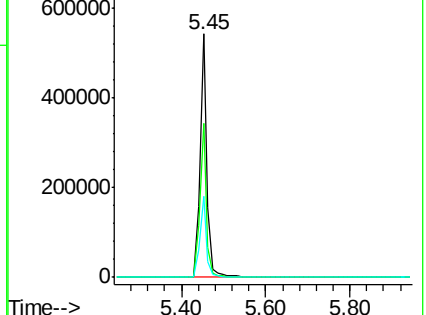
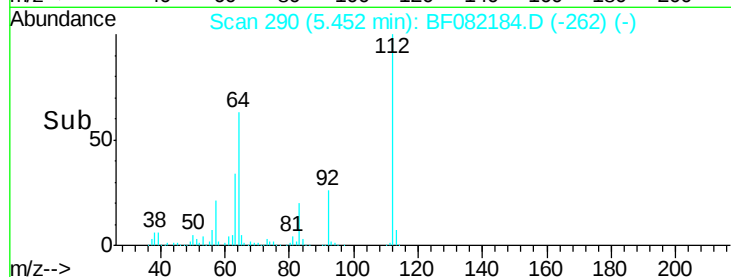
63 33.5 25.1 37.7



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

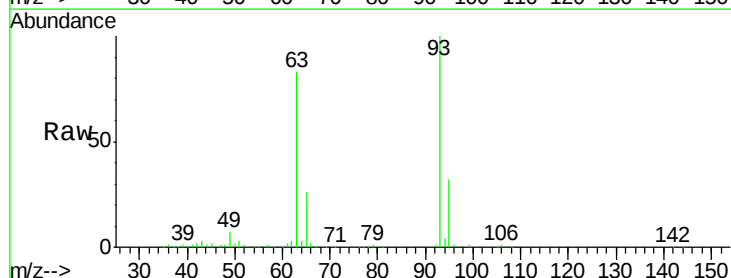
Tgt Ion: 93 Resp: 294078

Ion Ratio Lower Upper

93 100

66 2.1 34.2 51.2#

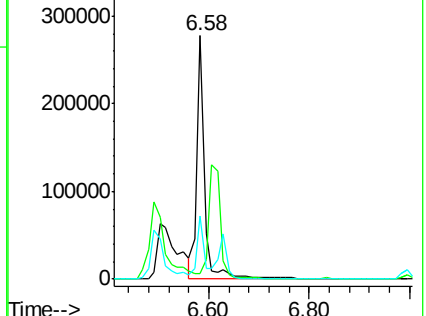
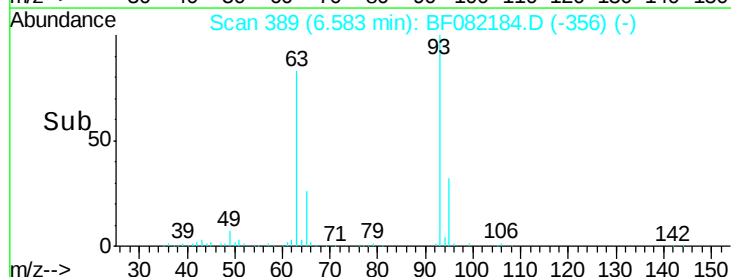
65 25.9 17.9 26.9

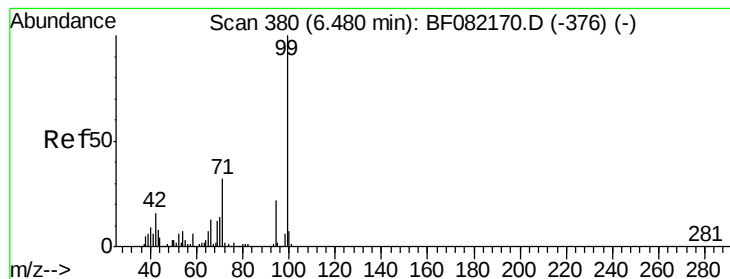


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

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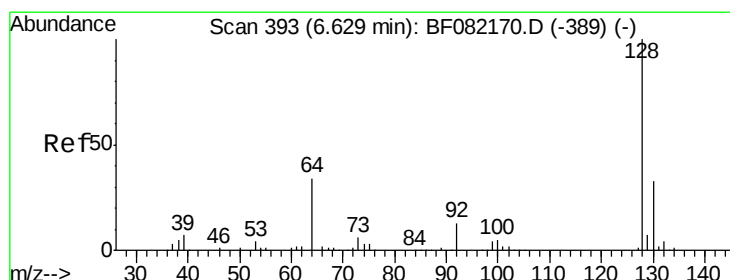
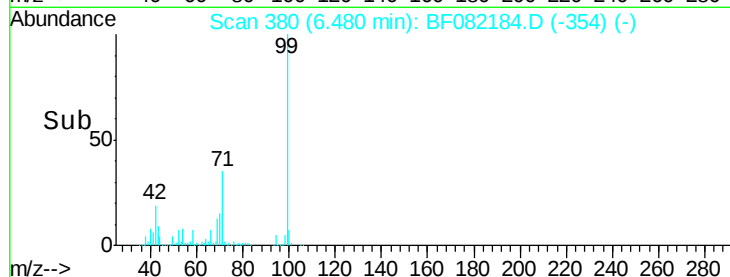
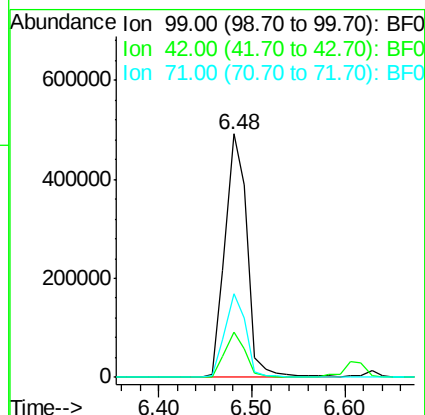
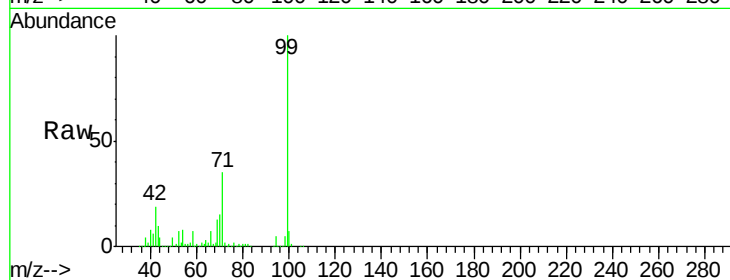
Tot Ion: 99 Resp: 814722

Ion Ratio Lower Upper

99 100

42 18.7 13.2 19.8

71 34.5 25.6 38.4



#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

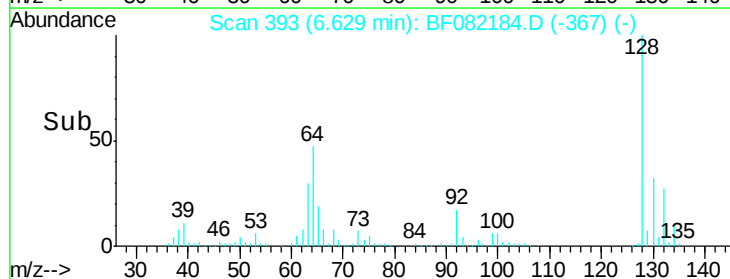
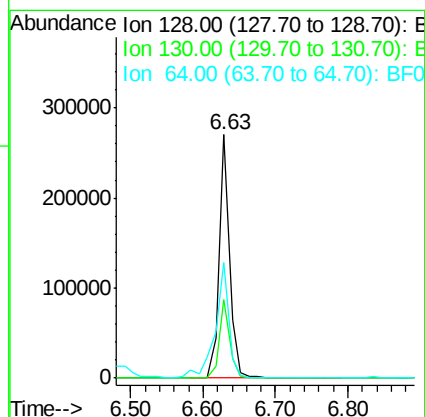
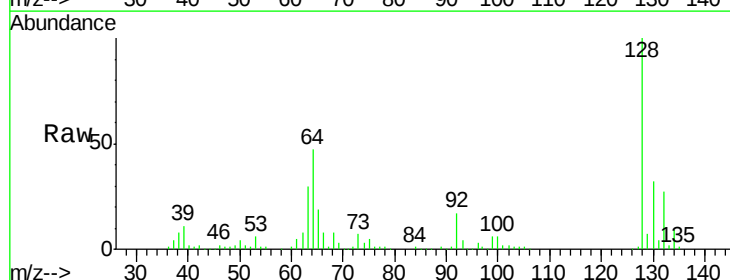
Tgt Ion: 128 Resp: 269742

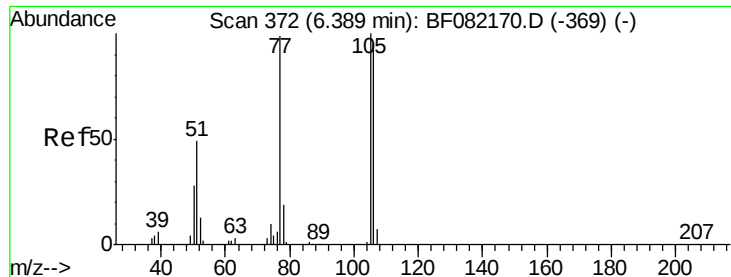
Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

64 47.5 16.7 56.7





#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

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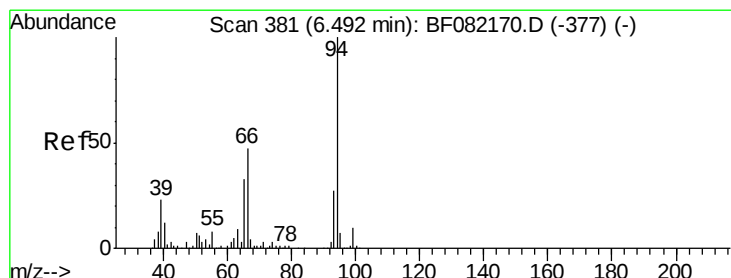
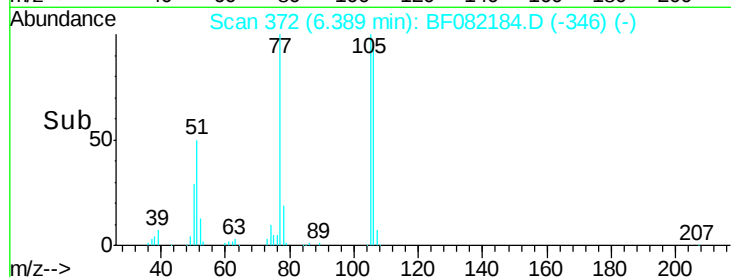
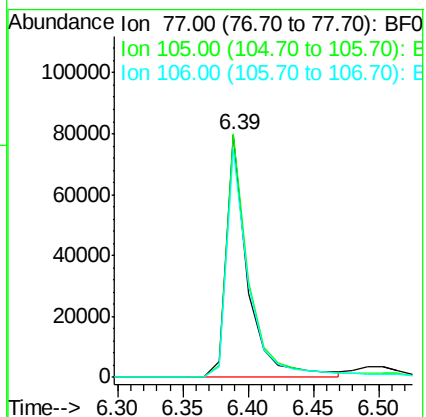
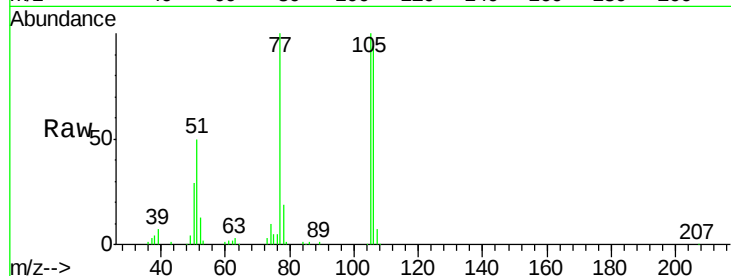
Tot Ion: 77 Resp: 92181

Ion Ratio Lower Upper

77 100

105 100.4 80.6 120.6

106 94.3 75.5 115.5



#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

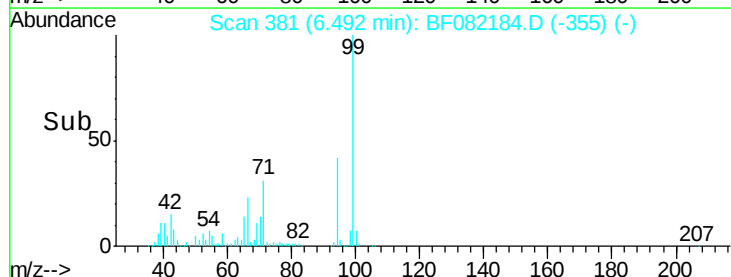
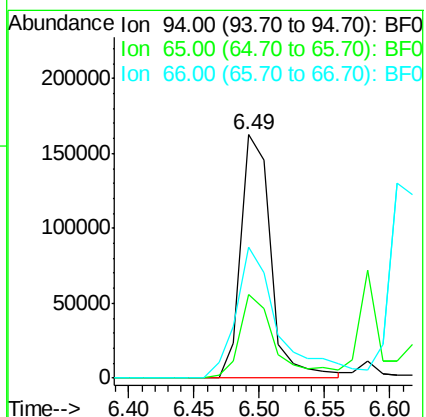
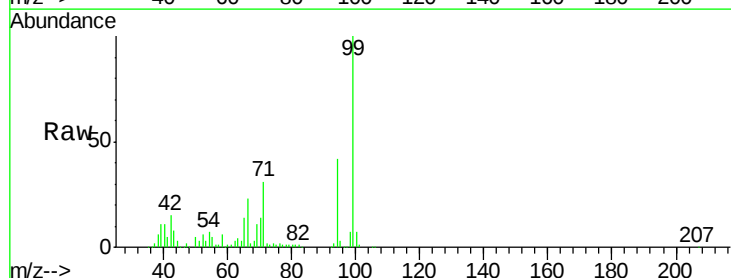
Tgt Ion: 94 Resp: 259902

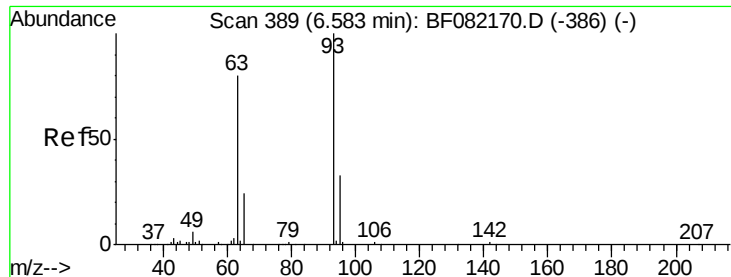
Ion Ratio Lower Upper

94 100

65 34.6 12.6 52.6

66 53.9 27.3 67.3

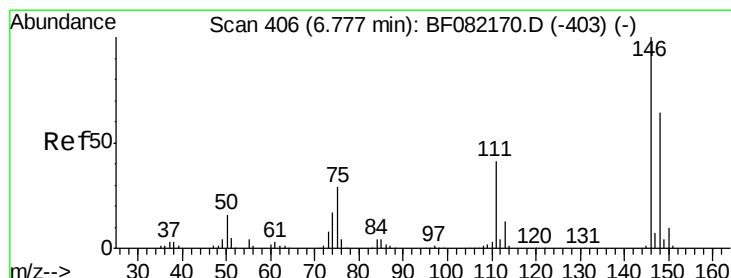
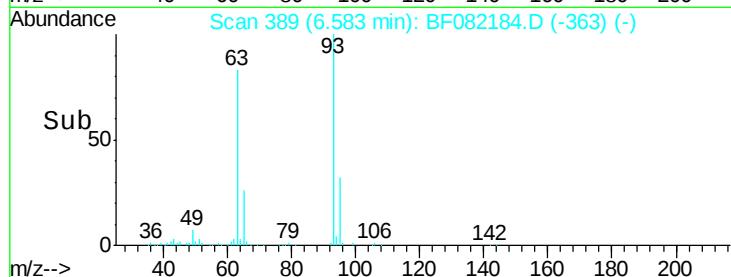
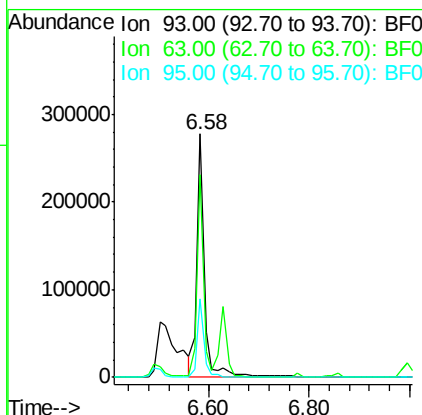
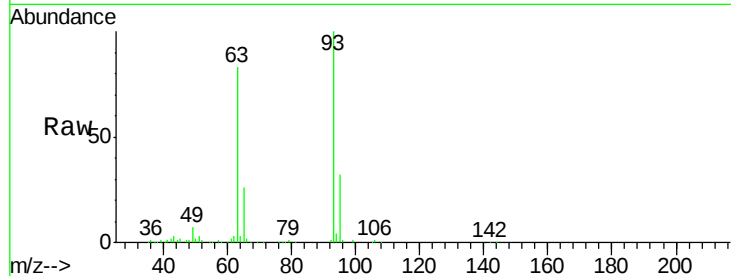




#11
bis(2-Chloroethyl)ether
Concen: 14.66 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

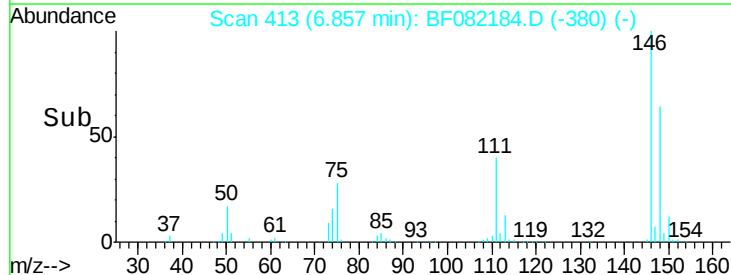
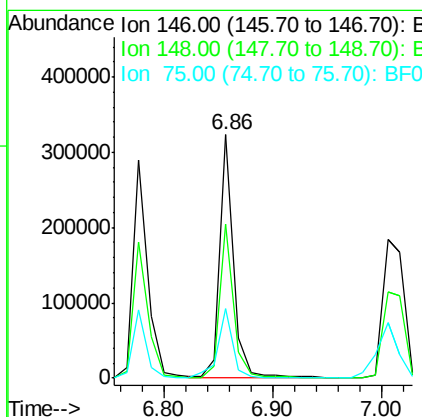
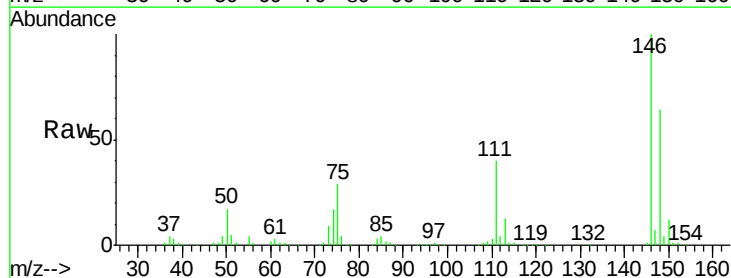
Instrument :
BNA_F
ClientSampleId :
A13COMPMS

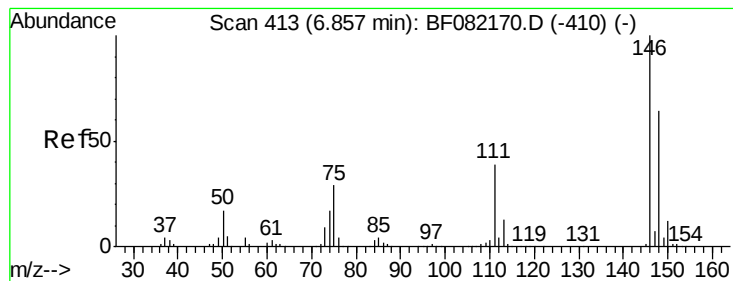
Tot Ion: 93 Resp: 294212
Ion Ratio Lower Upper
93 100
63 83.1 57.1 97.1
95 32.2 11.9 51.9



#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





#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 :

A13COMPMS

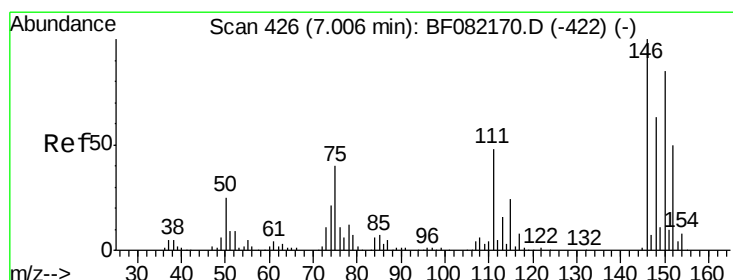
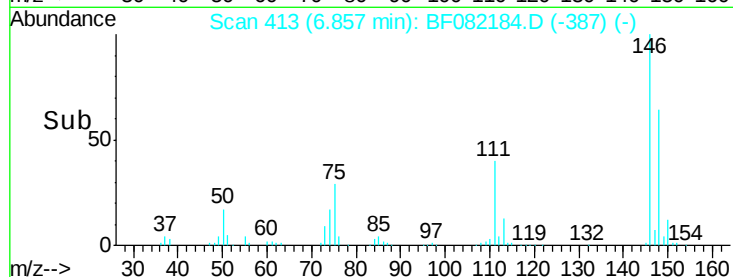
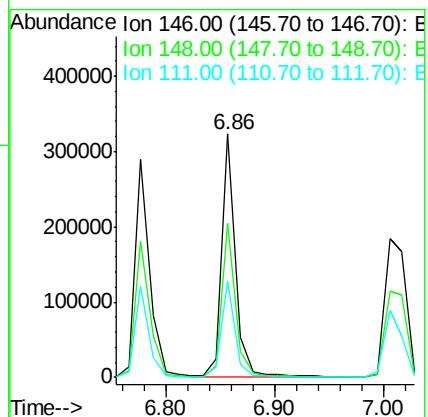
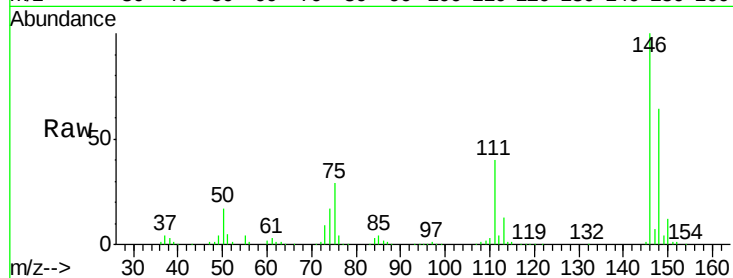
Tot Ion:146 Resp: 290098

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

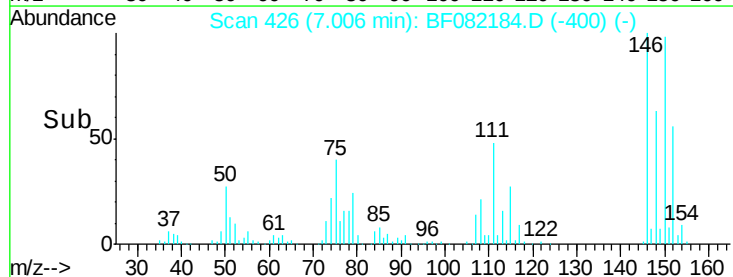
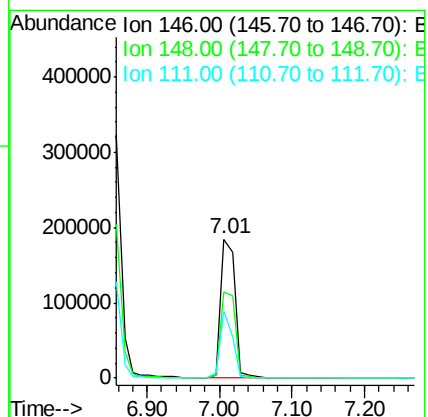
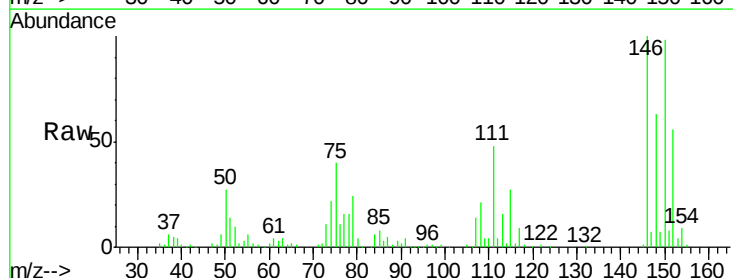
Tgt Ion:146 Resp: 253404

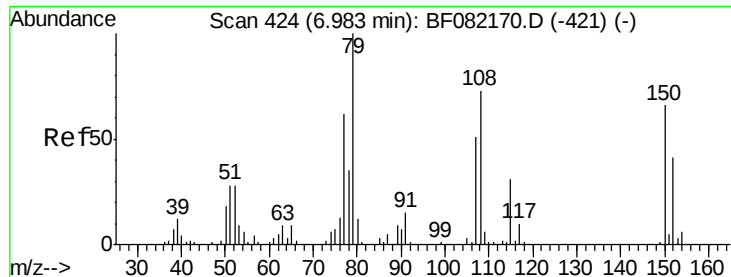
Ion Ratio Lower Upper

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
ClientSampleId :
A13COMPMS

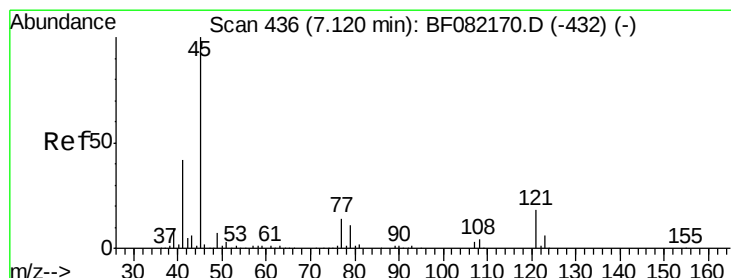
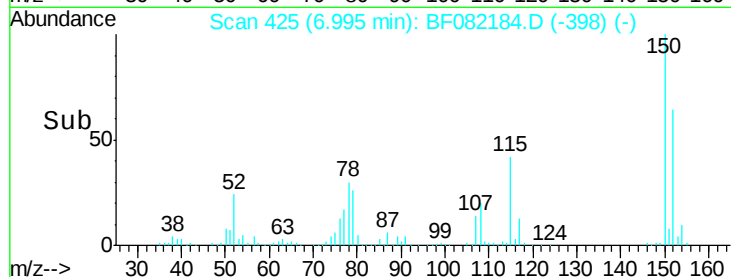
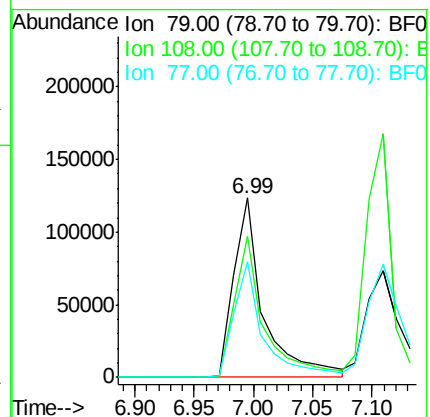
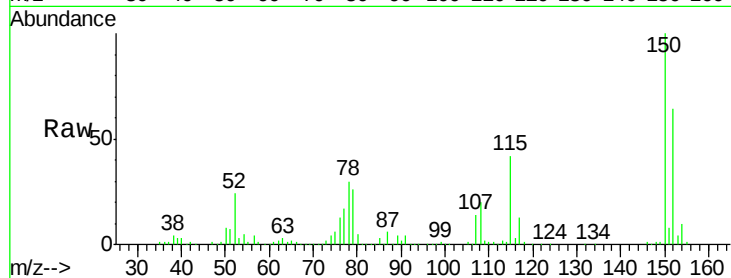
Tot Ion: 79 Resp: 214242

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

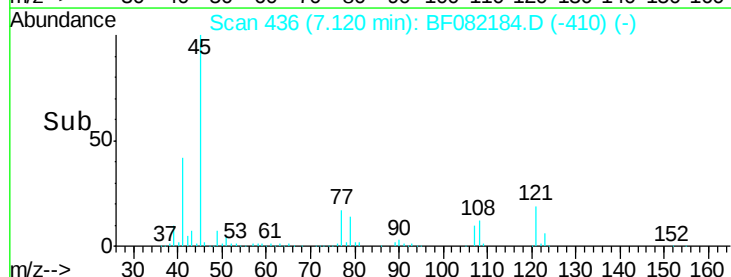
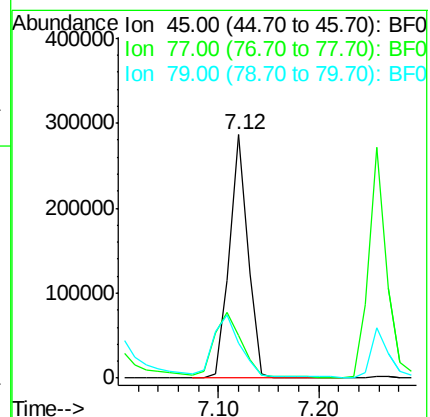
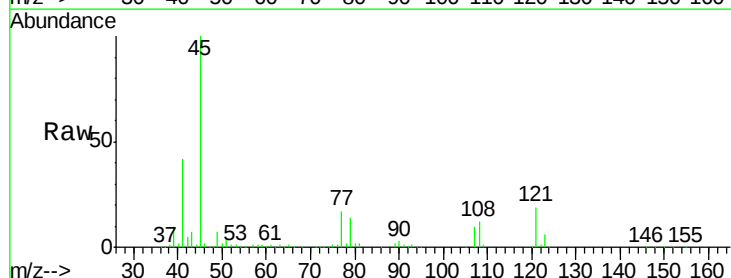
Tgt Ion: 45 Resp: 369069

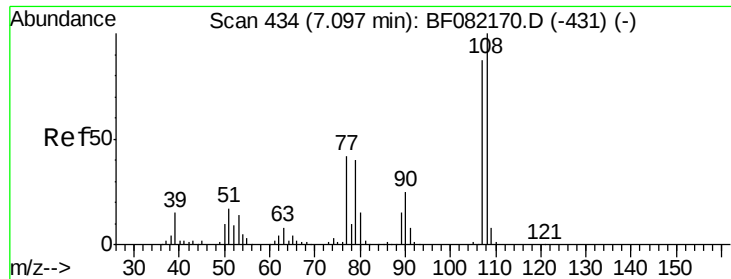
Ion Ratio Lower Upper

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

ClientSampleId :

A13COMPMS

Tot Ion:107 Resp: 212810

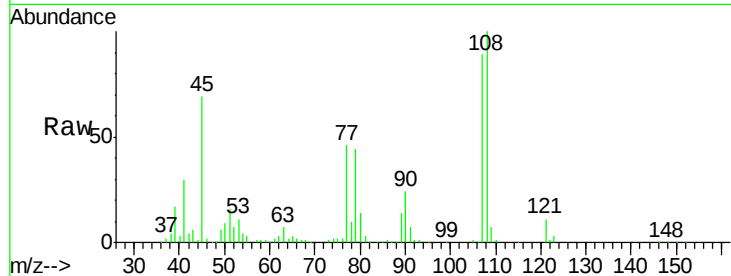
Ion Ratio Lower Upper

107 100

108 112.6 92.2 138.2

77 52.1 39.6 59.4

79 49.5 38.2 57.4

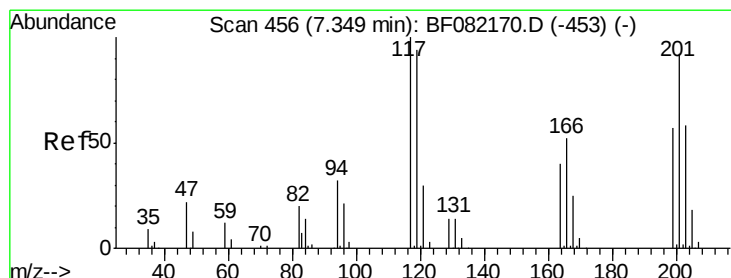
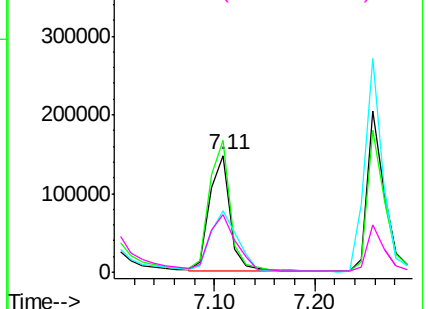
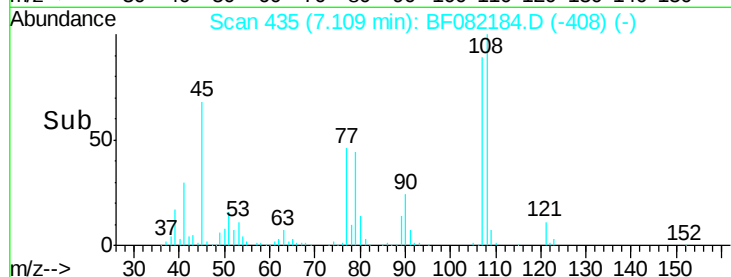


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 11.95 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

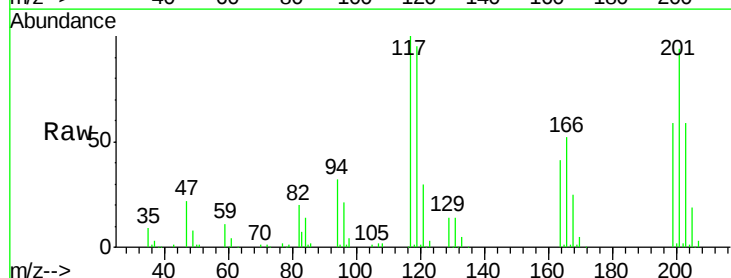
Tgt Ion:117 Resp: 96053

Ion Ratio Lower Upper

117 100

119 95.3 75.4 113.2

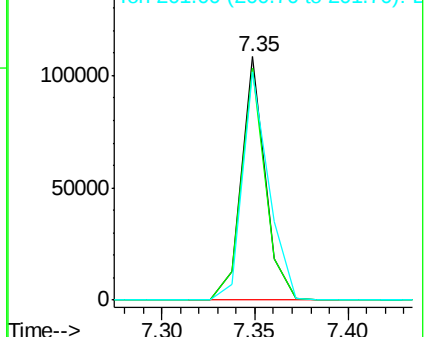
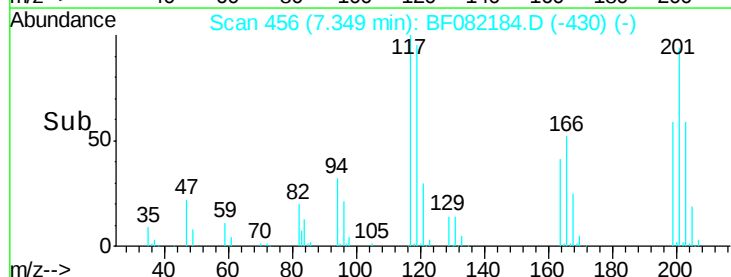
201 94.0 73.4 110.0

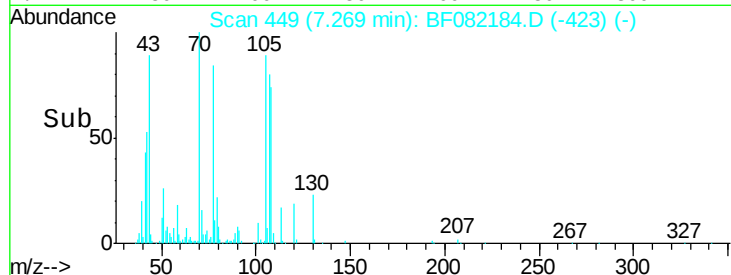
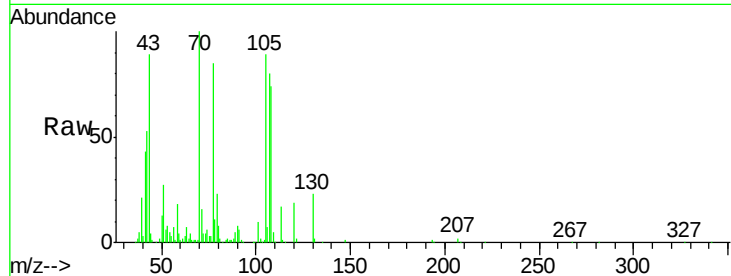
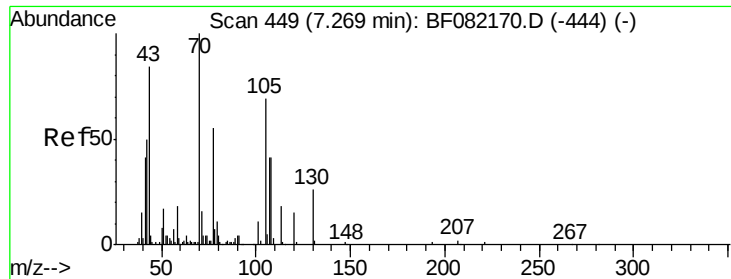


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

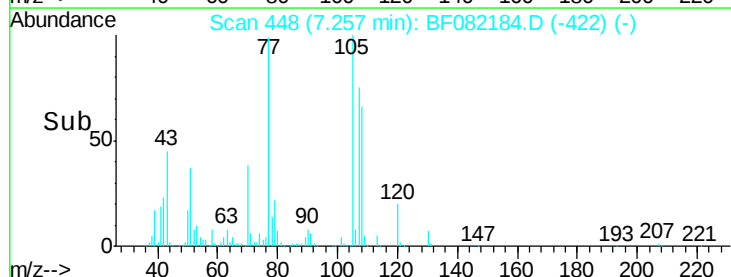
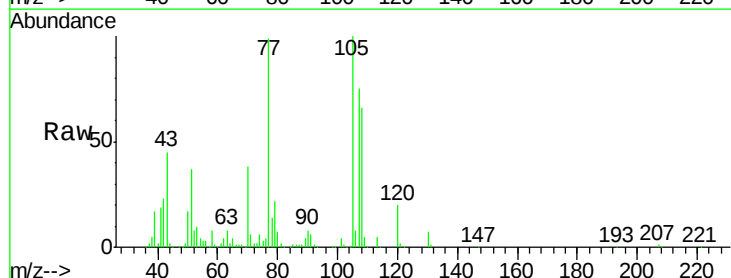
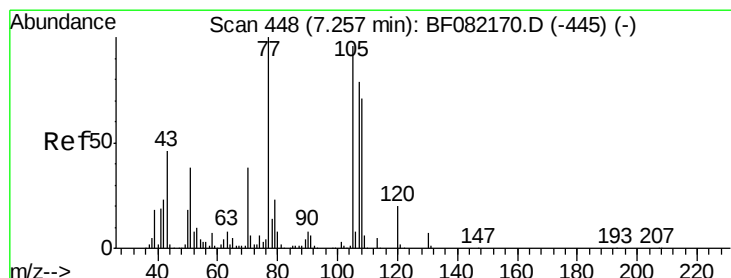
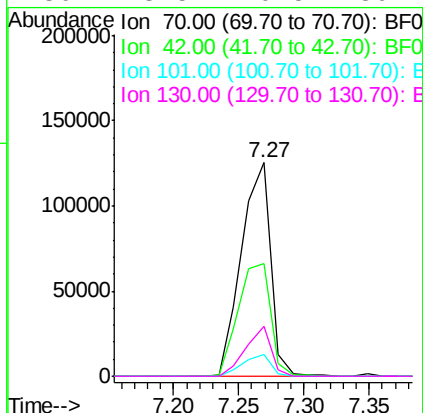




#19
n-Nitroso-di-n-propylamine
Concen: 13.54 ng
RT: 7.27 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

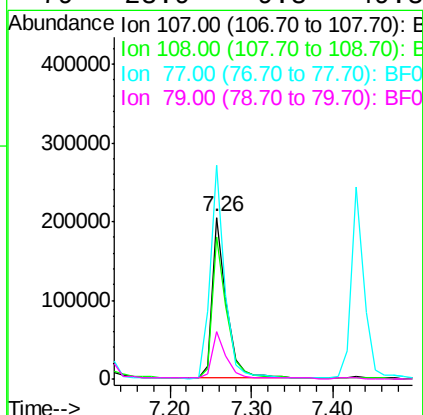
Instrument :
BNA_F
ClientSampleId :
A13COMPMS

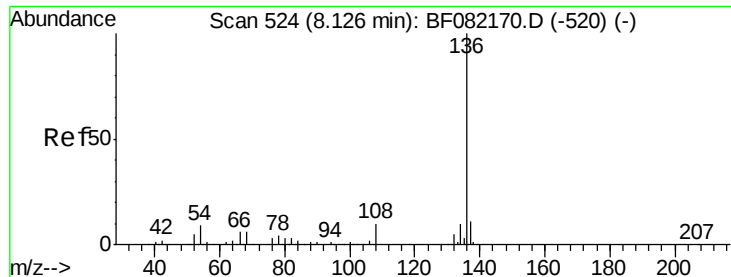
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.9	39.8	59.8
101	10.3	8.6	13.0
130	23.5	20.5	30.7



#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

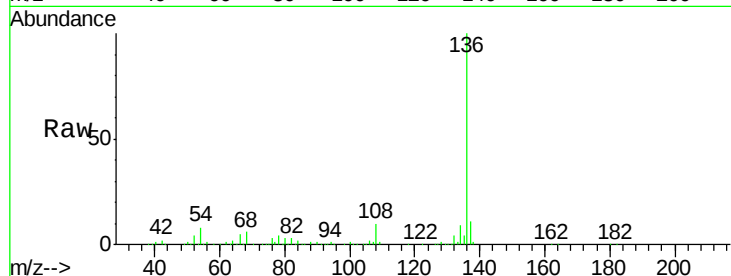




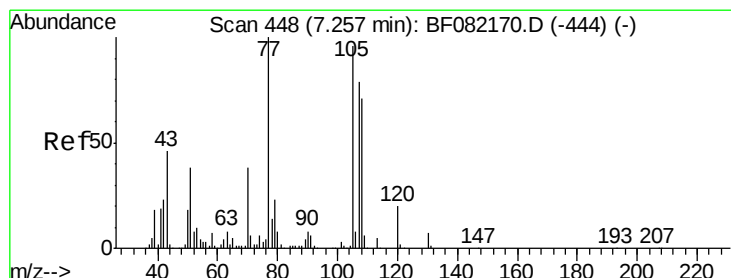
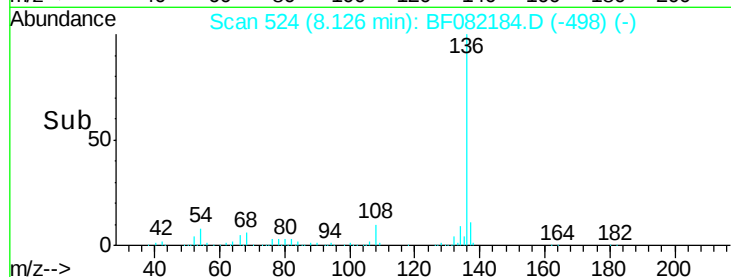
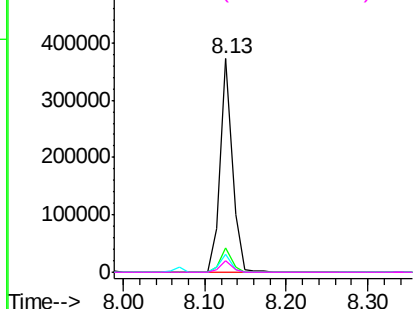
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

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

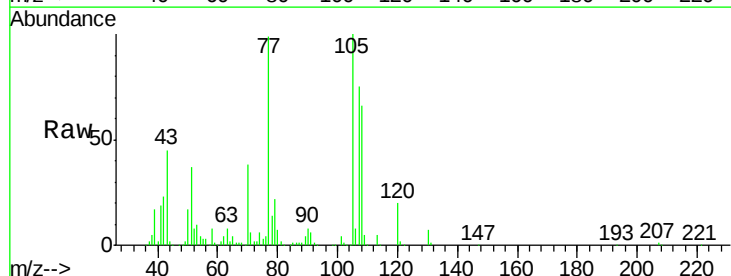


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

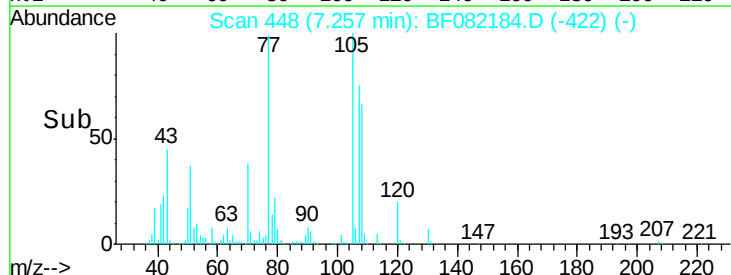
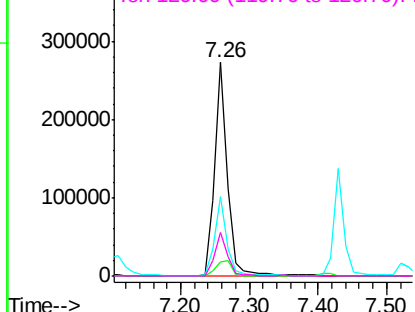


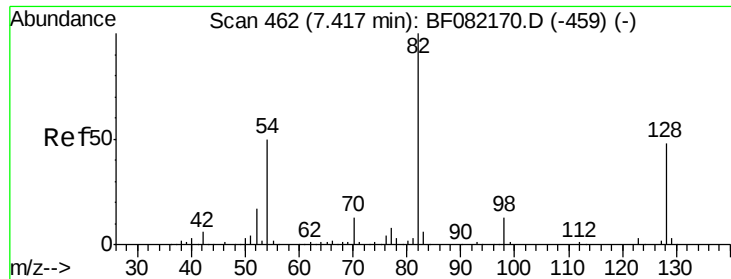
#22
Acetophenone
Concen: 47.19 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

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

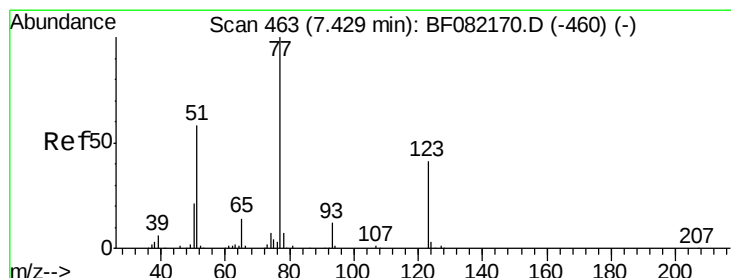
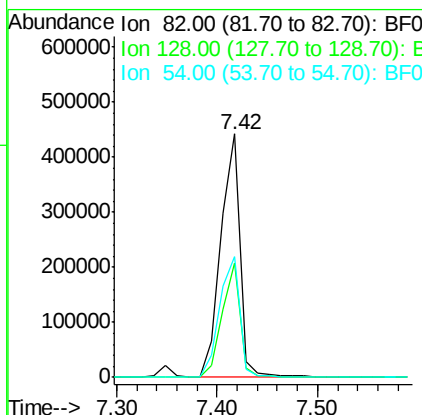
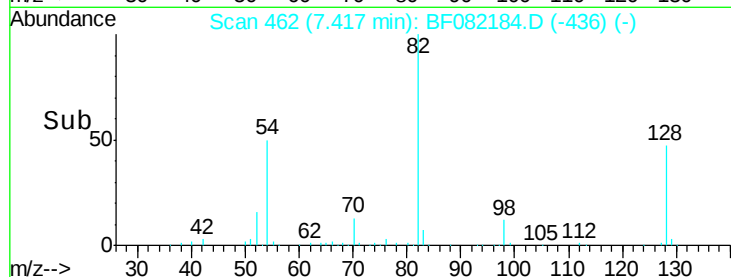
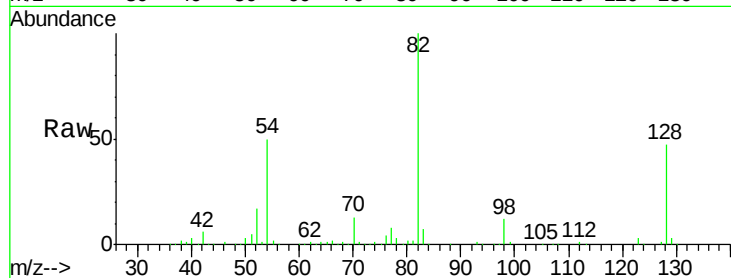




#23
 Nitrobenzene-d5
 Concen: 102.84 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

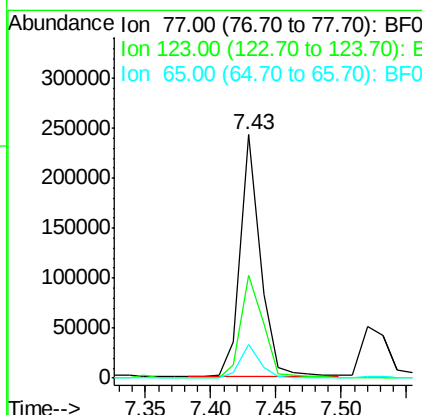
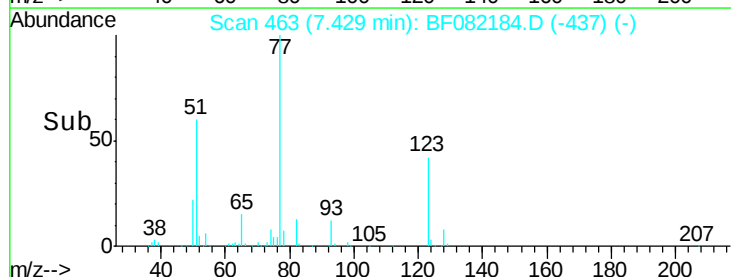
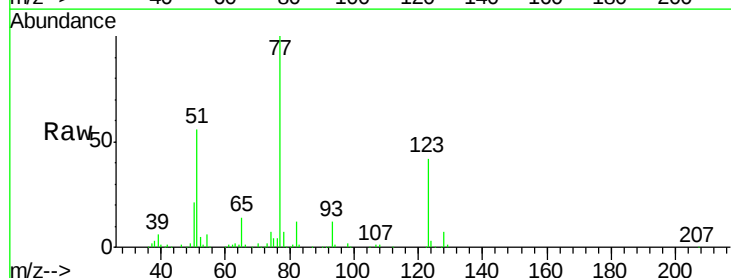
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

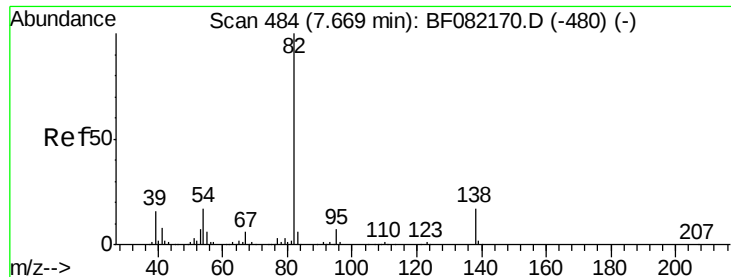
Tot Ion	82	Resp	591900
Ion Ratio	Lower	Upper	
82	100		
128	47.0	38.7	58.1
54	49.8	40.1	60.1



#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 :

A13COMPMS

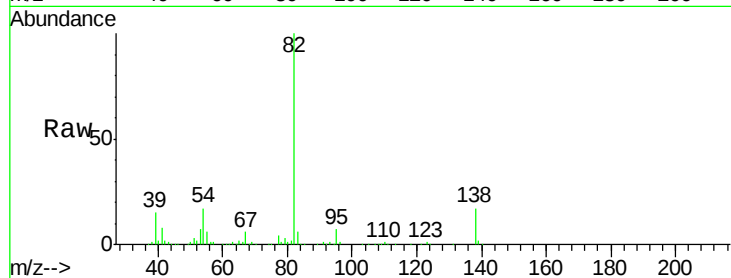
Tot Ion: 82 Resp: 529870

Ion Ratio Lower Upper

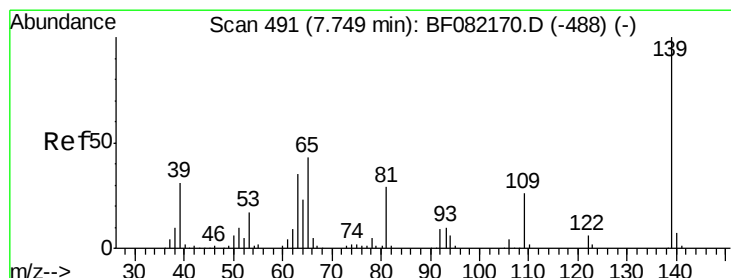
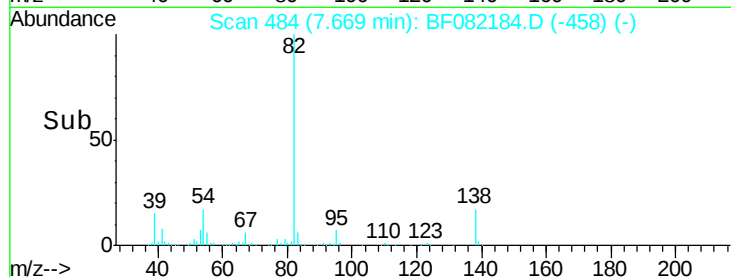
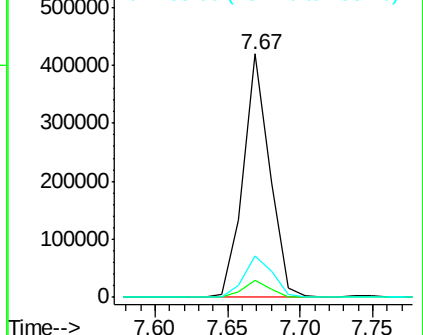
82 100

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

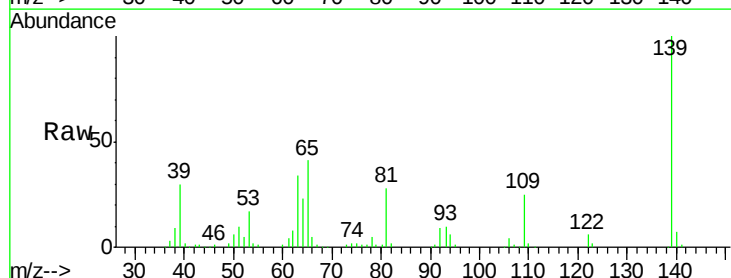
Tgt Ion: 139 Resp: 157967

Ion Ratio Lower Upper

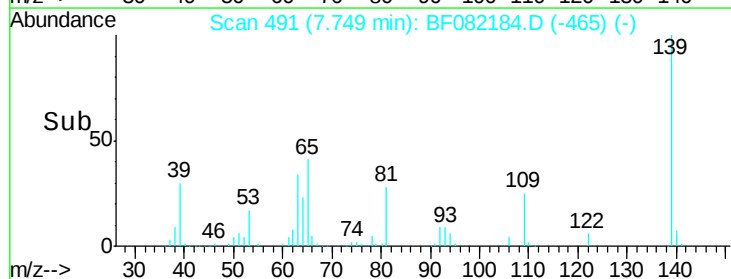
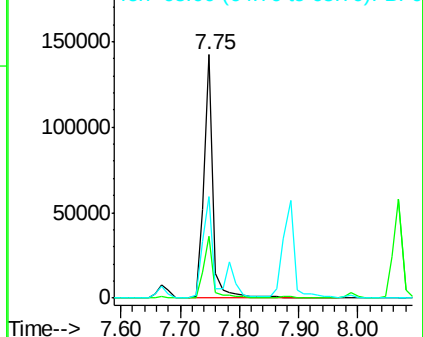
139 100

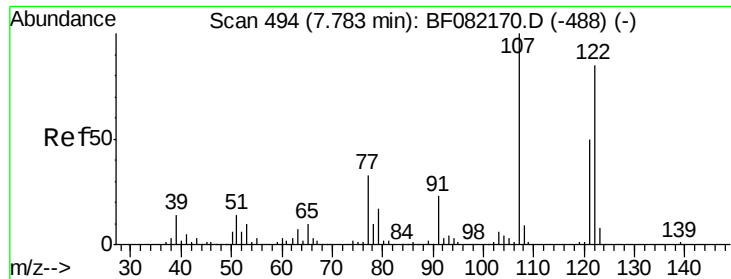
109 25.2 20.6 31.0

65 41.5 34.3 51.5



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

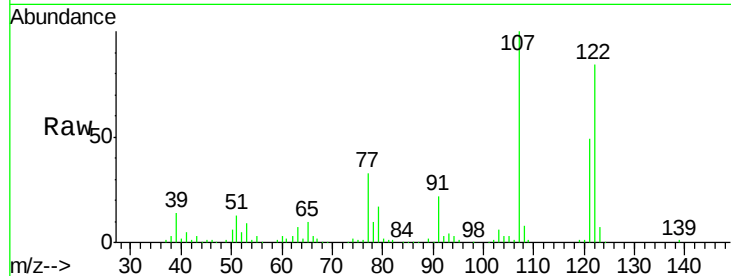




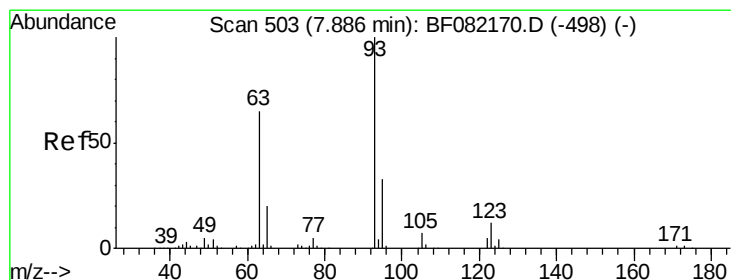
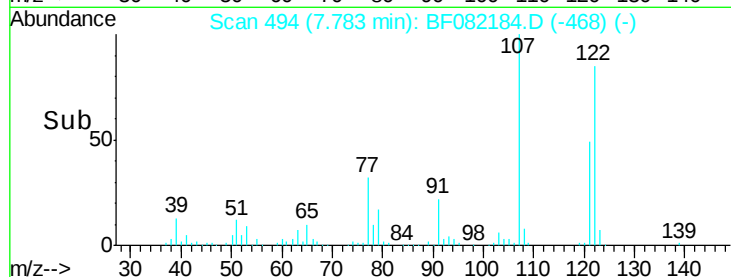
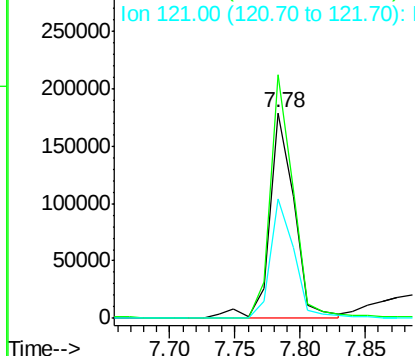
#27
 2,4-Dimethylphenol
 Concen: 47.27 ng
 RT: 7.78 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampled :
 A13COMPMS

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

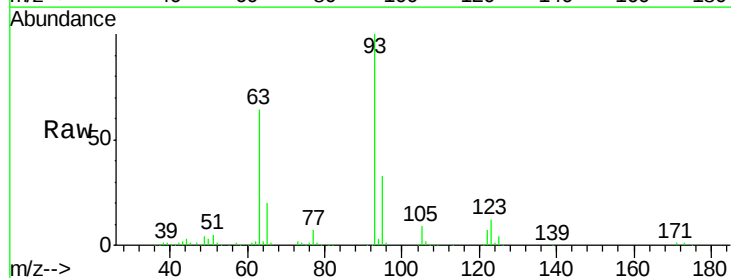


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

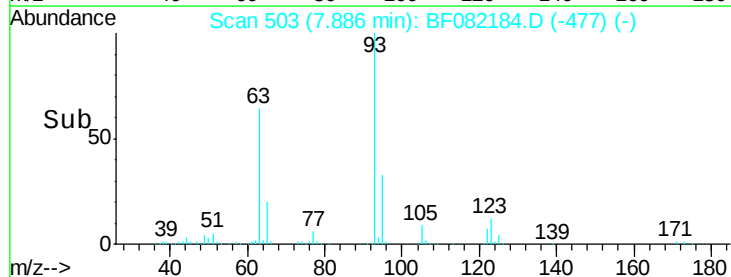
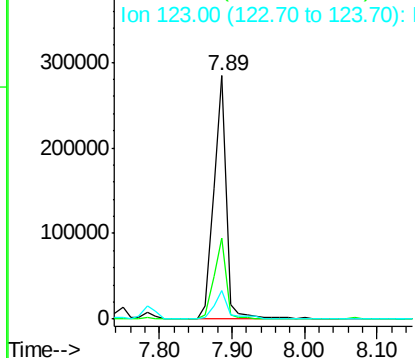


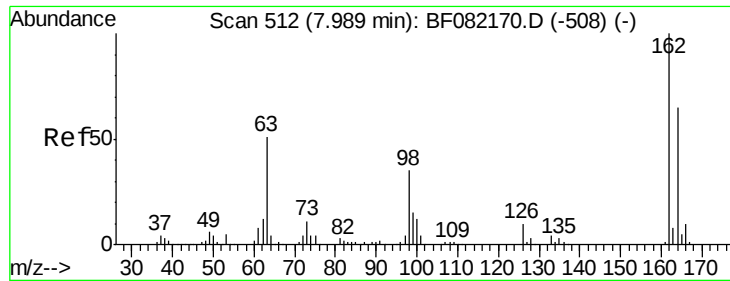
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.87 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

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

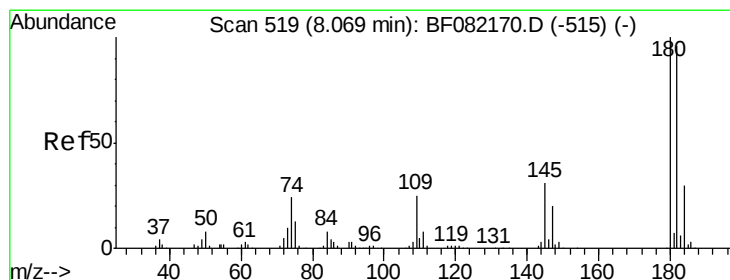
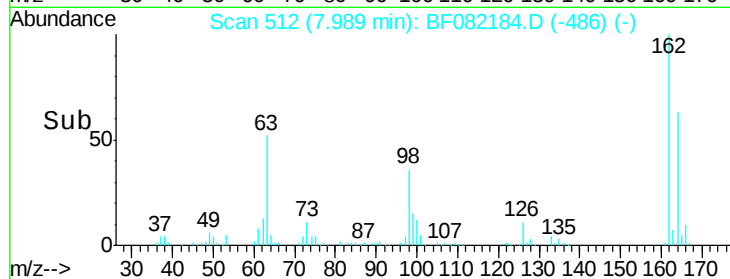
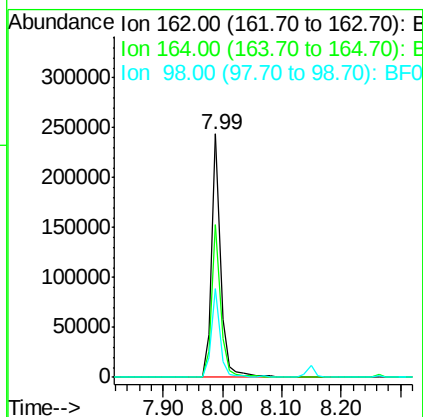
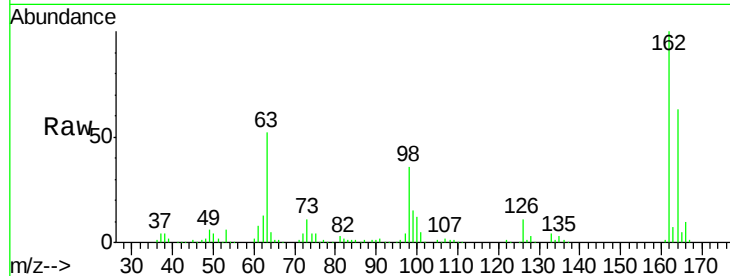




#29
 2,4-Dichlorophenol
 Concen: 51.55 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

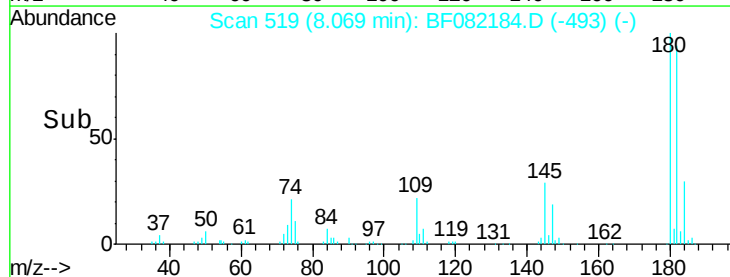
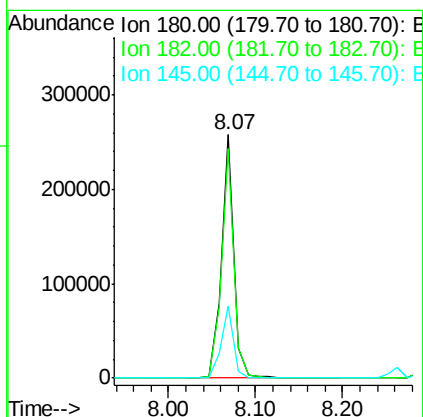
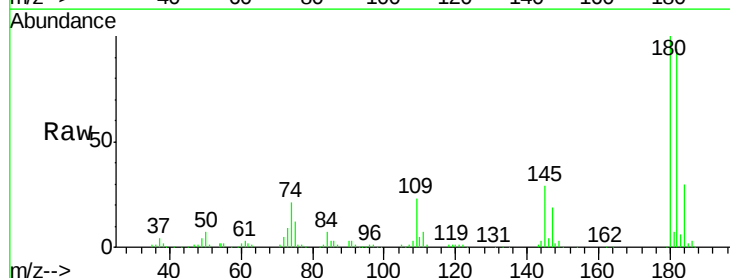
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

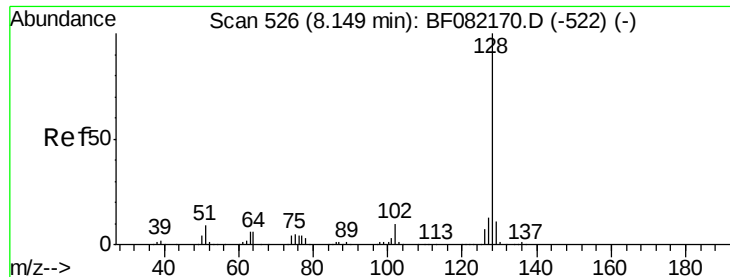
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	36.2	15.0	55.0



#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

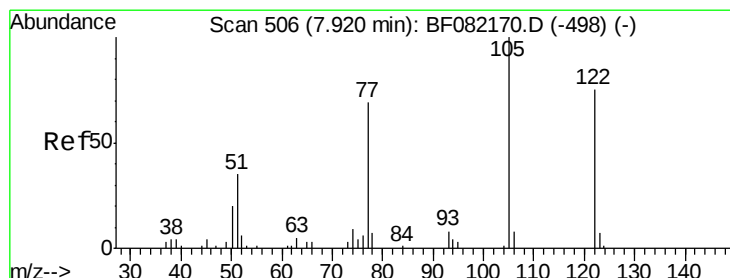
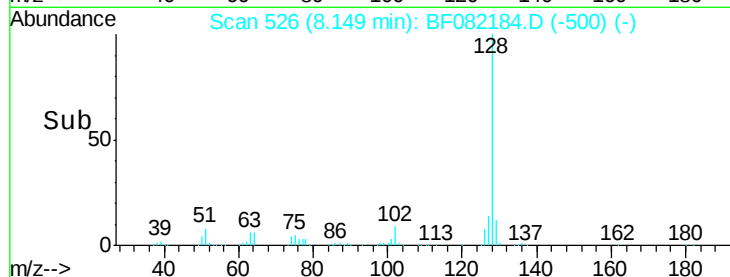
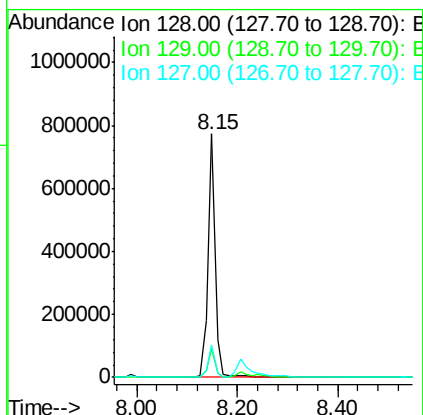
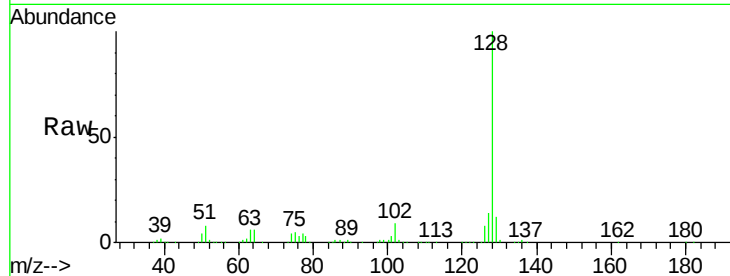




#31
Naphthalene
Concen: 46.17 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

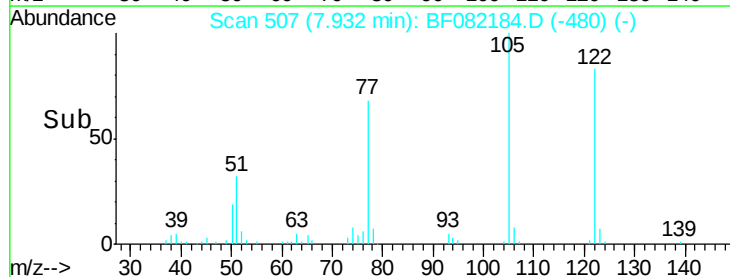
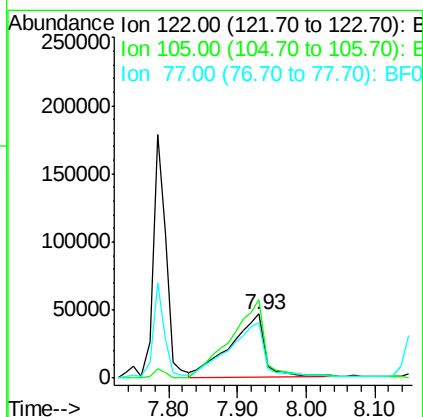
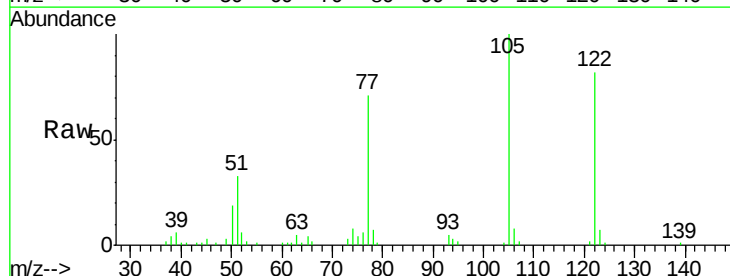
Instrument :
BNA_F
ClientSampleId :
A13COMPMS

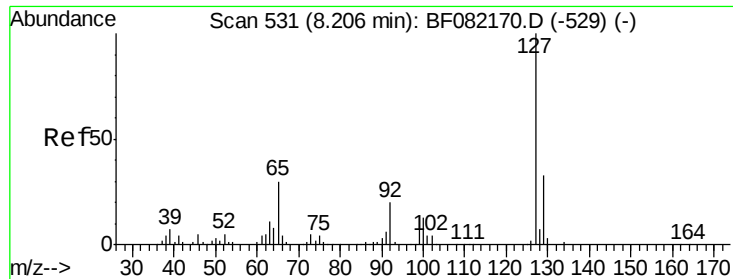
Tot Ion:128 Resp: 773638
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.6 10.7 16.1



#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

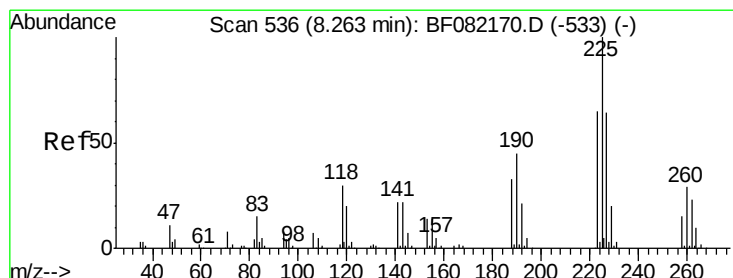
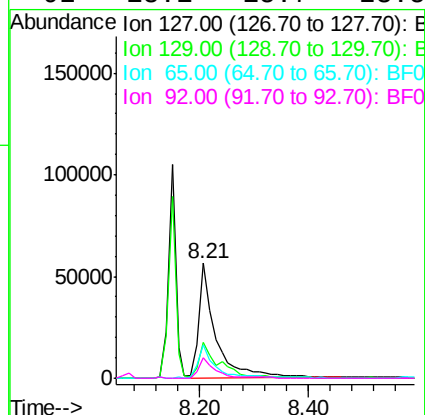
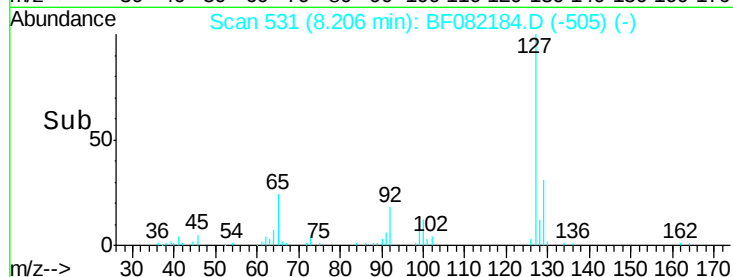
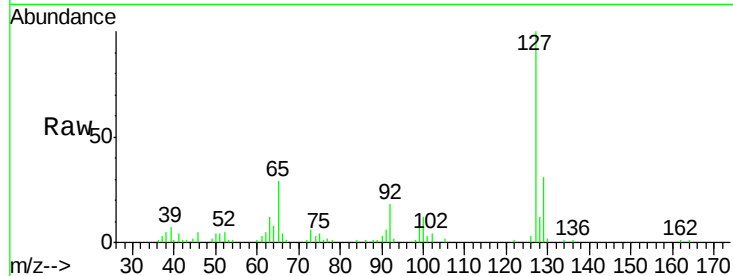




#33
4-Chloroaniline
Concen: 17.15 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

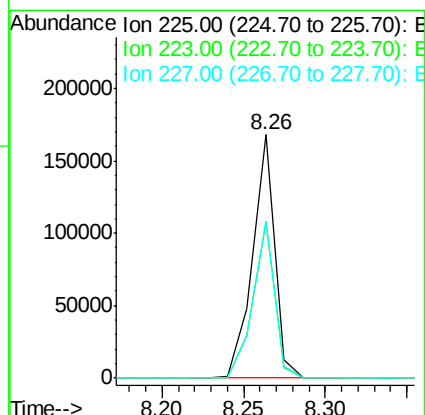
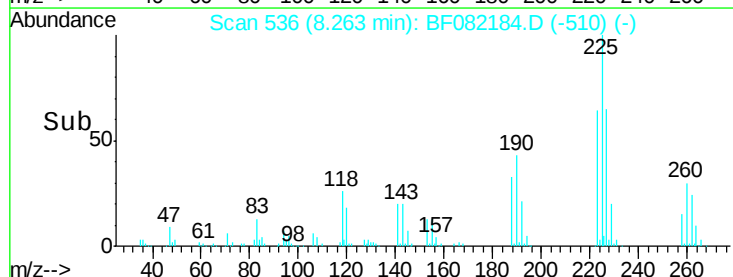
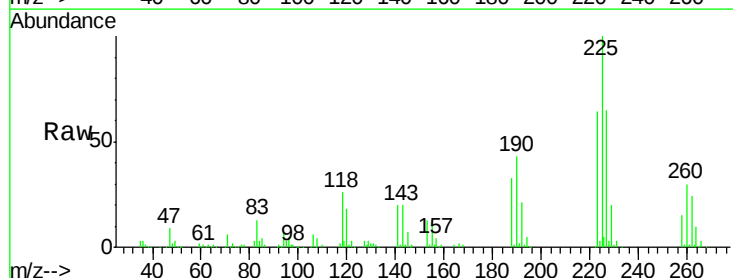
Instrument :
BNA_F
ClientSampleId :
A13COMPMS

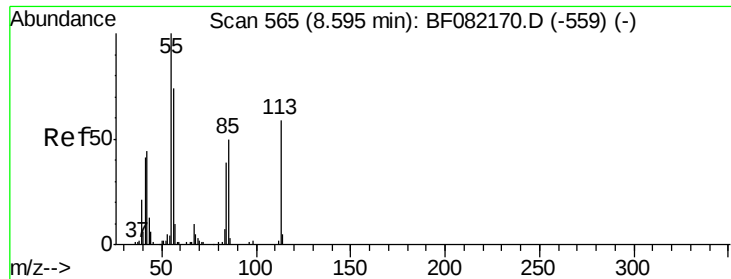
Tot Ion:	127	Resp:	119315
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5
65	28.7	24.4	36.6
92	18.1	15.7	23.5



#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

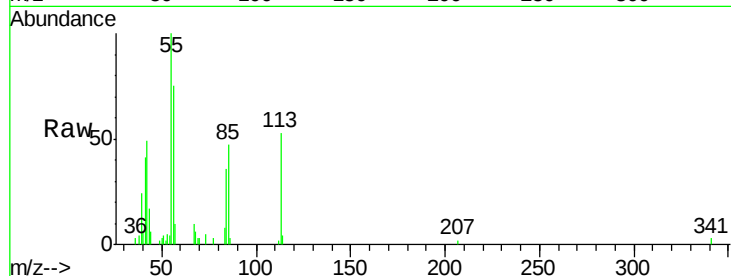




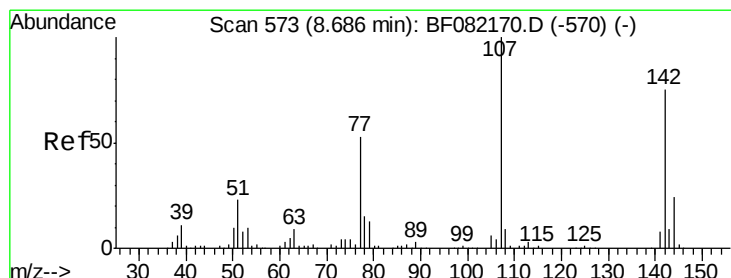
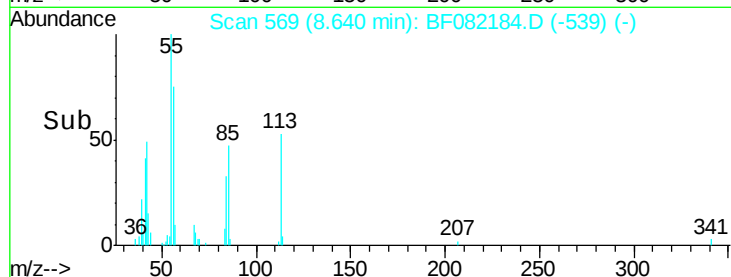
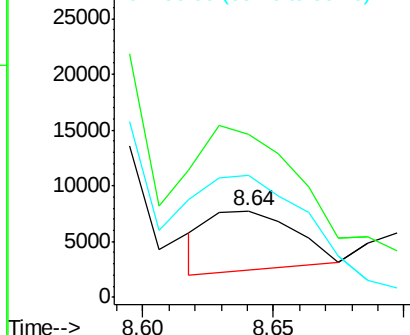
#35
Caprolactam
Concen: 8.32 ng
RT: 8.64 min Scan# 569
Delta R.T. 0.05 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

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

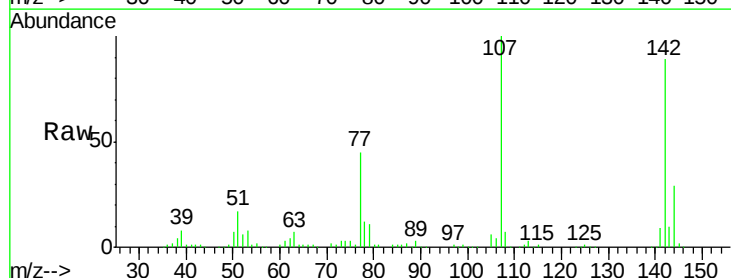


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

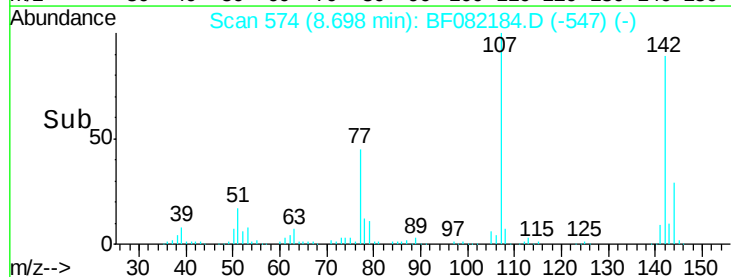
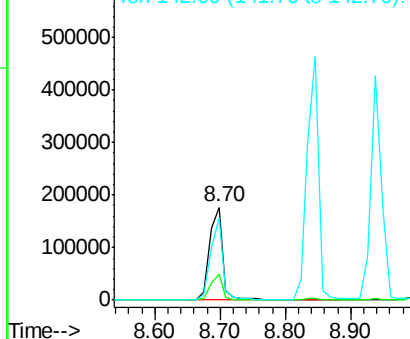


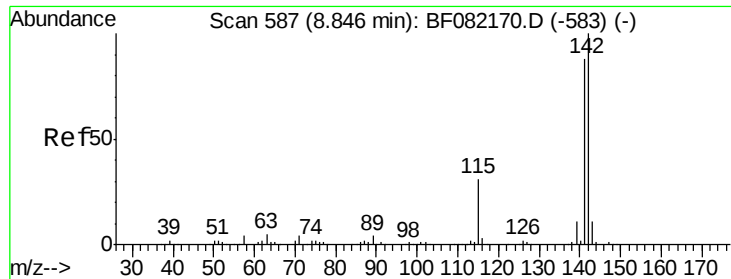
#36
4-Chloro-3-methylphenol
Concen: 52.37 ng
RT: 8.70 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

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

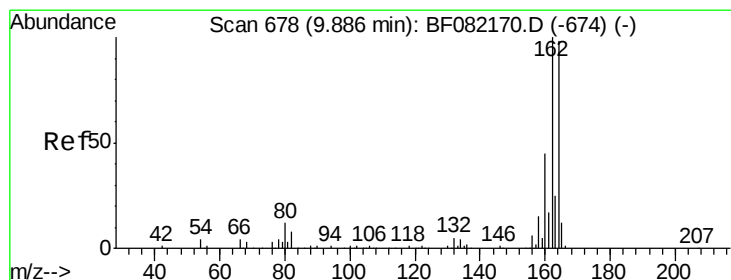
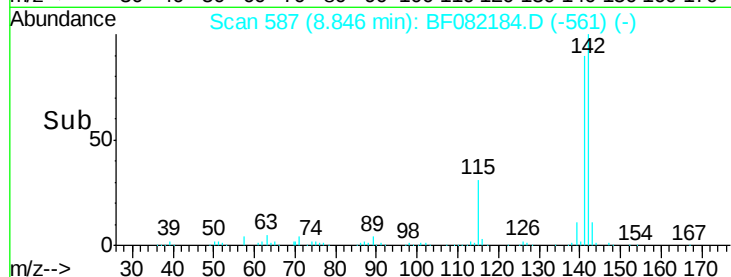
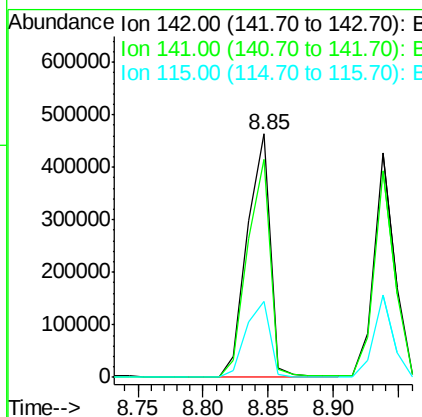
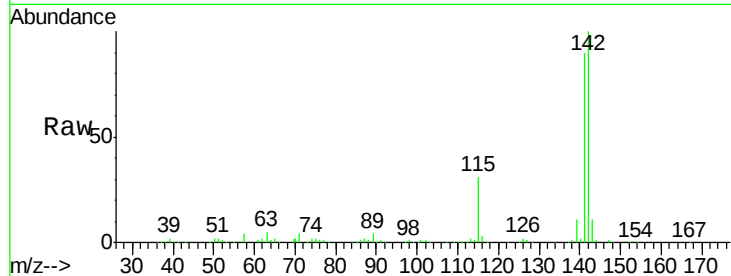




#37
2-Methylnaphthalene
Concen: 49.10 ng
RT: 8.85 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

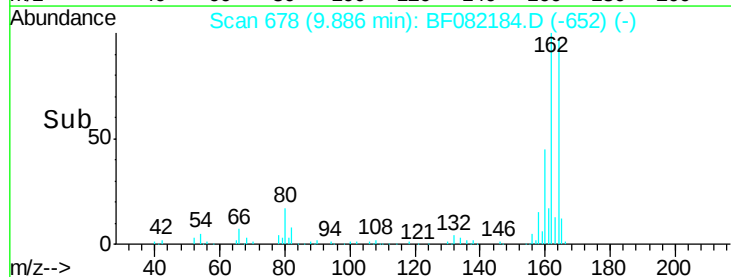
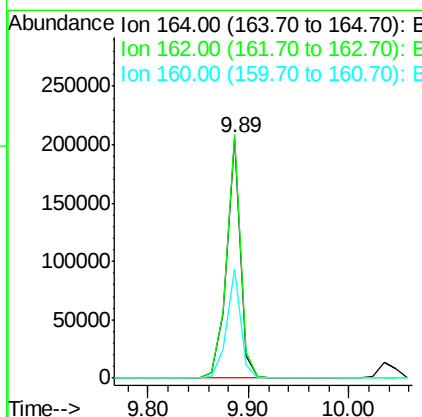
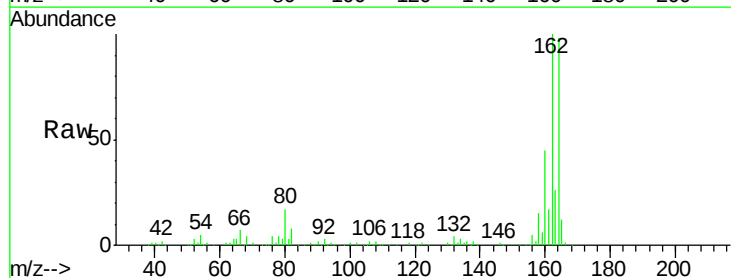
Instrument :
BNA_F
ClientSampleId :
A13COMPMS

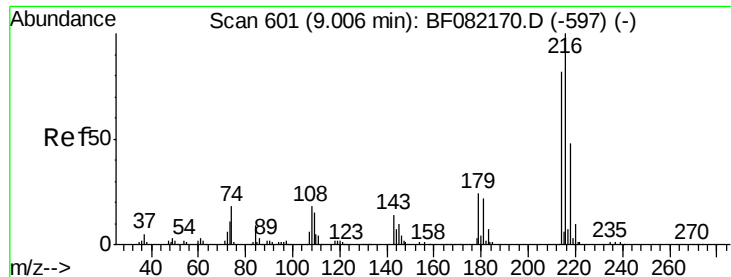
Tot Ion:142 Resp: 570389
Ion Ratio Lower Upper
142 100
141 89.7 70.4 105.6
115 31.2 24.6 37.0



#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 :

A13COMPMS

Tot Ion:216 Resp: 263392

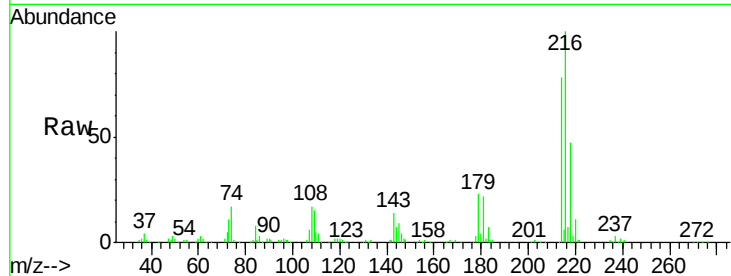
Ion Ratio Lower Upper

216 100

214 78.2 64.6 97.0

179 21.7 17.6 26.4

108 19.4 14.5 21.7

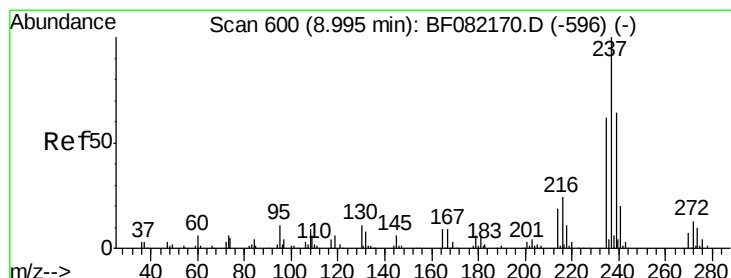
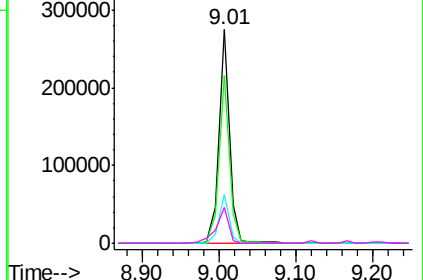
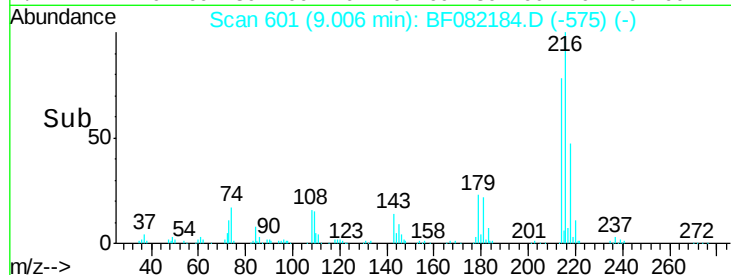


Abundance Ion 216.00 (215.70 to 216.70): E

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

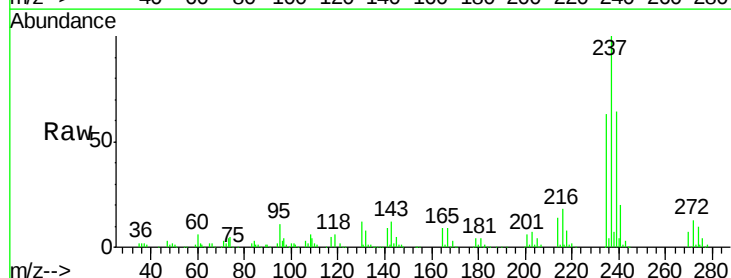
Tgt Ion:237 Resp: 278530

Ion Ratio Lower Upper

237 100

235 62.5 41.7 81.7

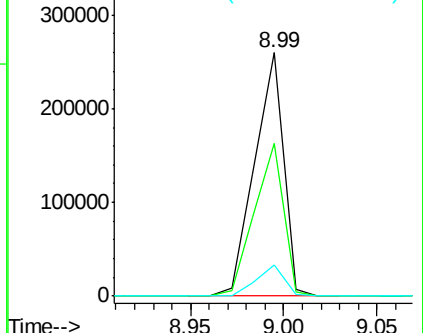
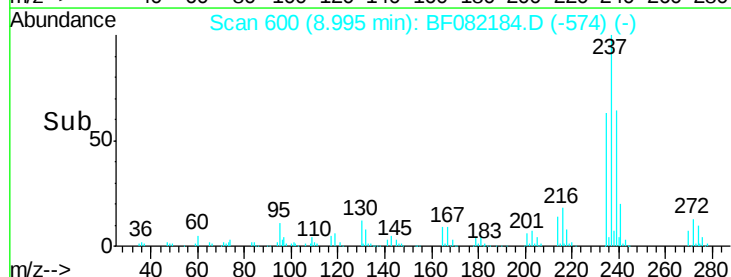
272 12.7 0.0 32.8

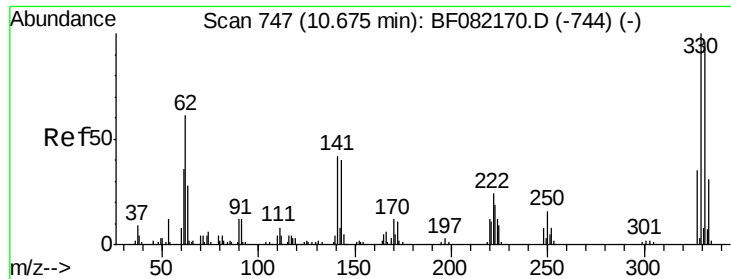


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

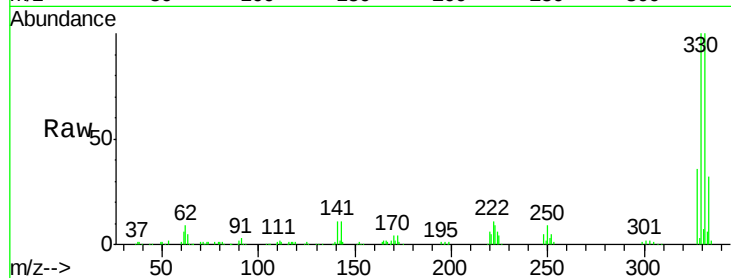




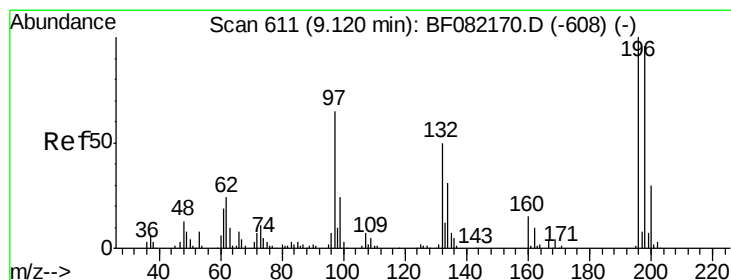
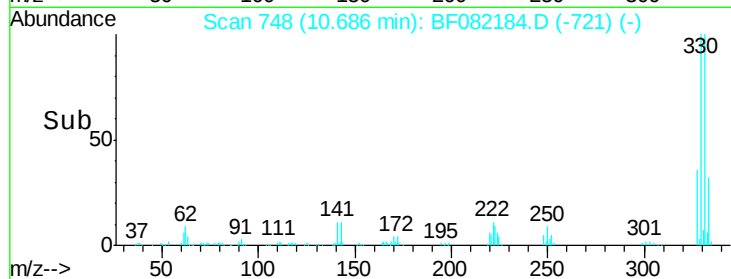
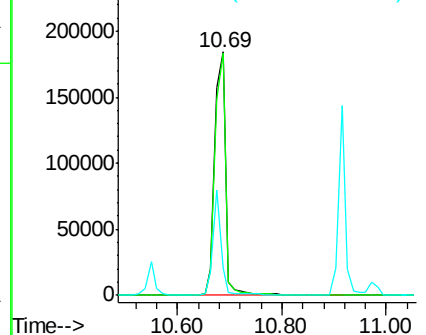
#41
 2,4,6-Tribromophenol
 Concen: 145.58 ng
 RT: 10.69 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tot Ion:330 Resp: 269026
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 31.9 29.8 44.8

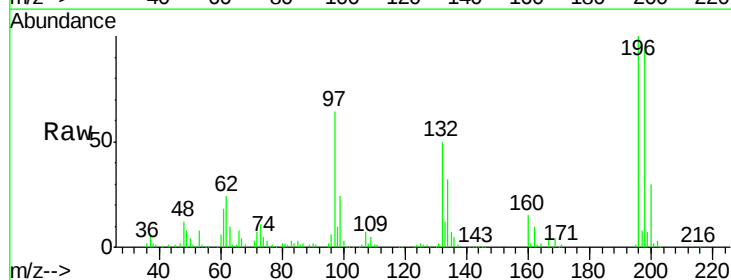


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

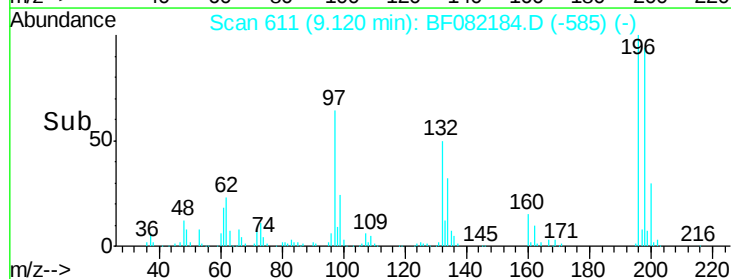
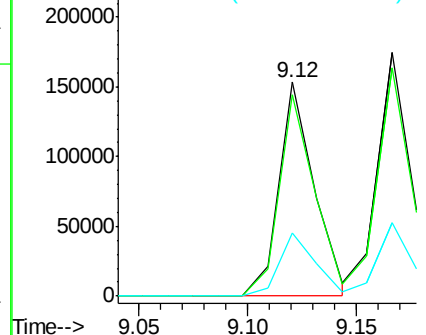


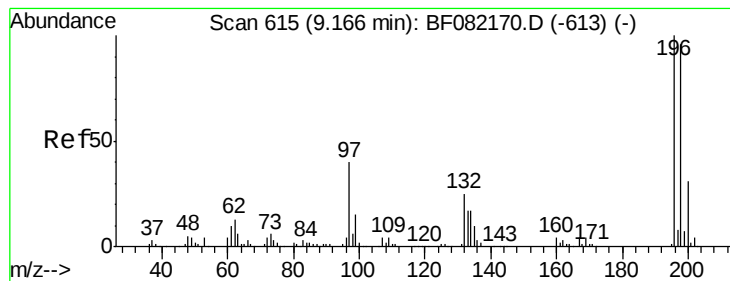
#42
 2,4,6-Trichlorophenol
 Concen: 44.91 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion:196 Resp: 174829
 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

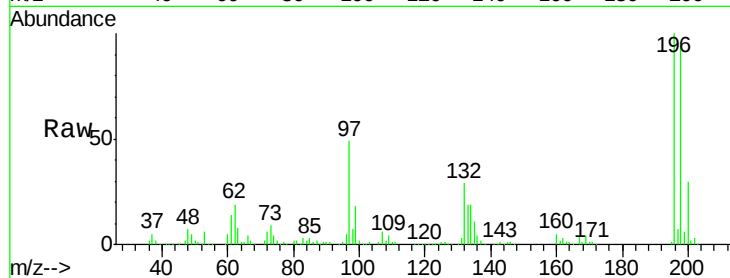




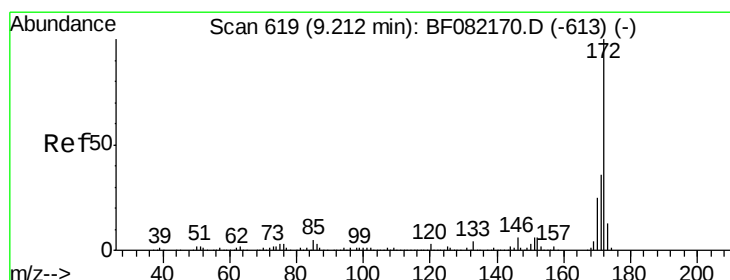
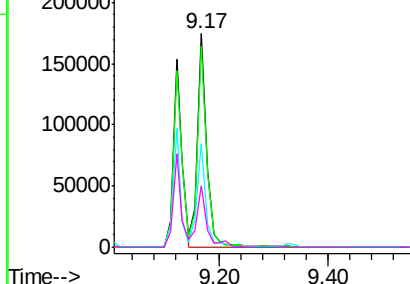
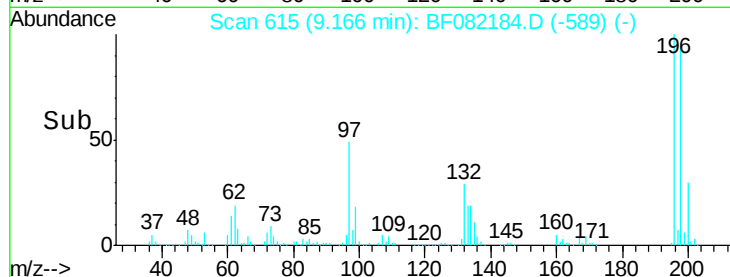
#43
 2,4,5-Trichlorophenol
 Concen: 48.17 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tot Ion:196 Resp: 203129
 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

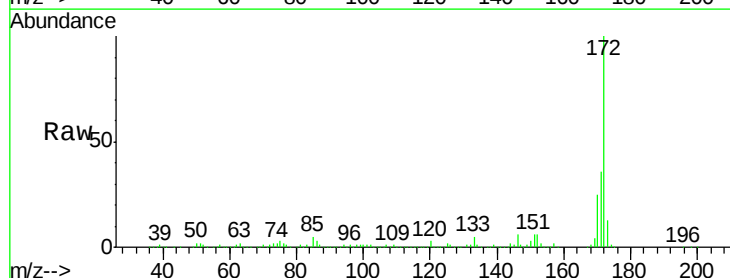


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

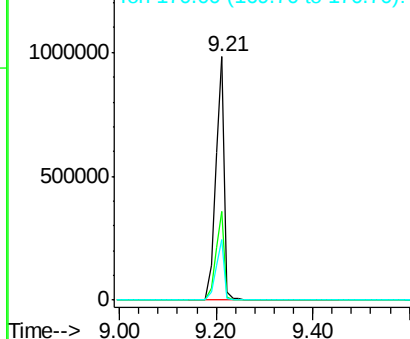
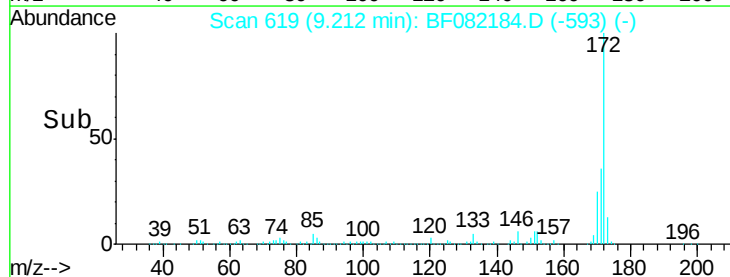


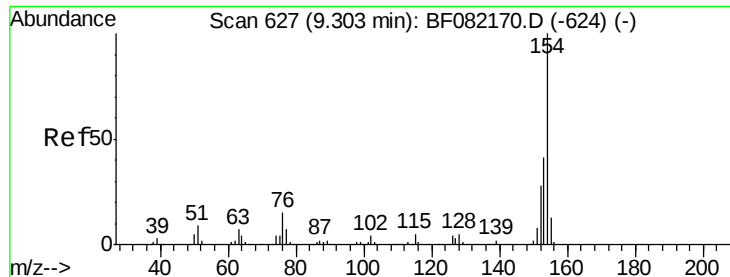
#44
 2-Fluorobiphenyl
 Concen: 103.08 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion:172 Resp: 1224738
 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

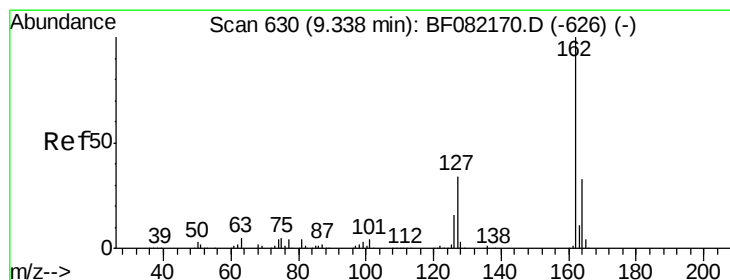
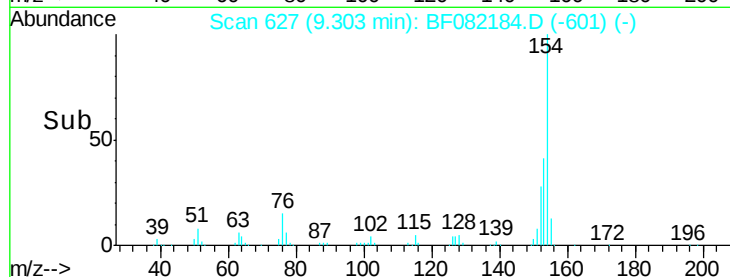
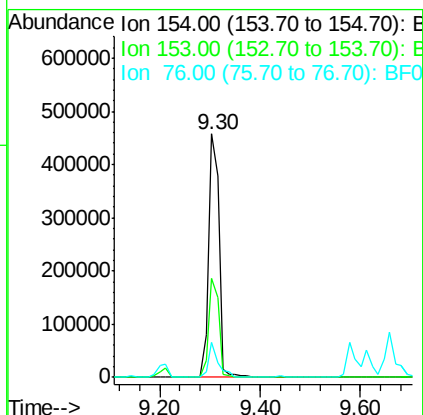
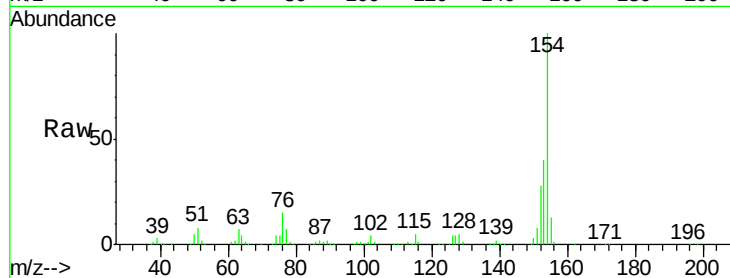




#45
 1,1'-Biphenyl
 Concen: 43.80 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

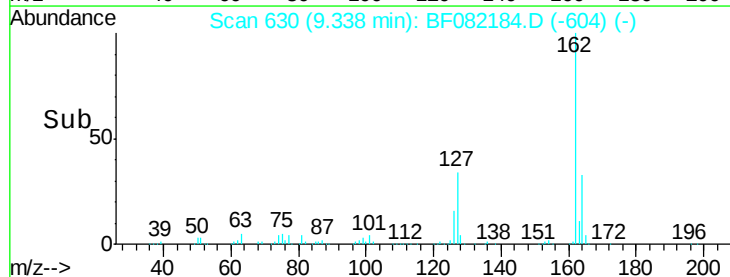
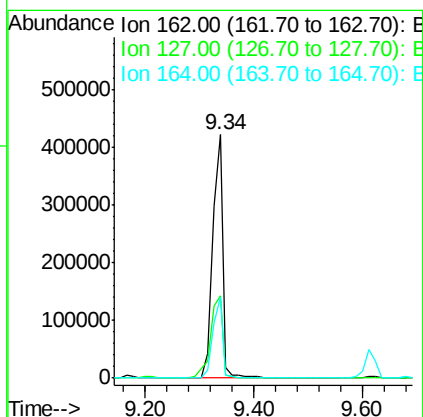
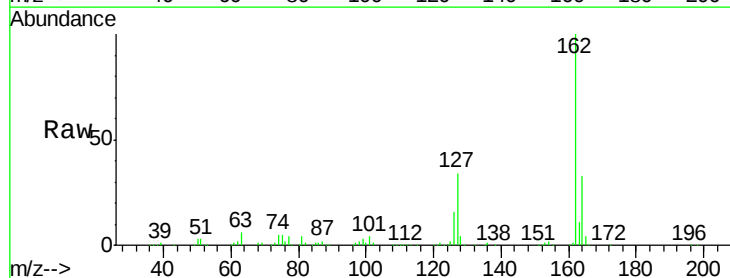
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

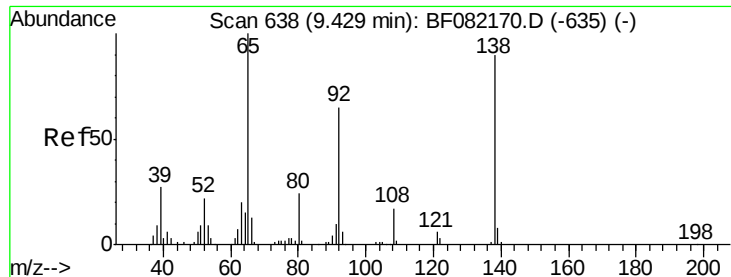
Tot Ion:154	Resp:	658079
Ion	Ratio	Lower Upper
154	100	
153	40.5	20.6 60.6
76	14.6	0.0 35.2



#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

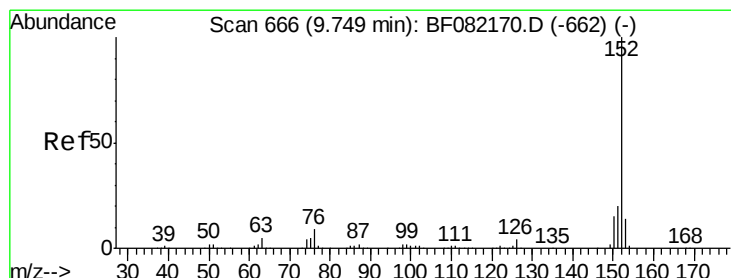
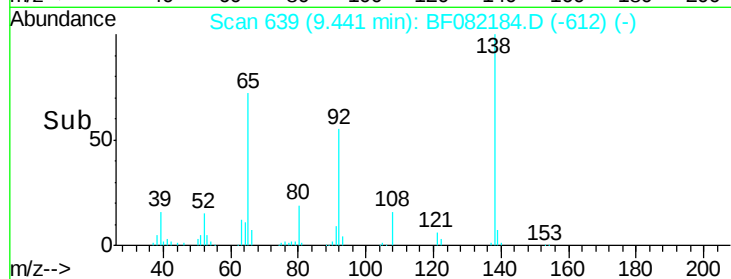
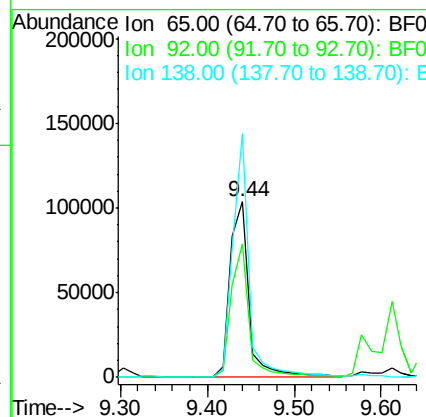
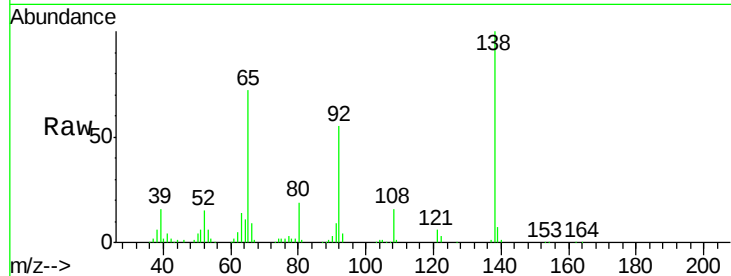




#47
 2-Nitroaniline
 Concen: 49.15 ng
 RT: 9.44 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

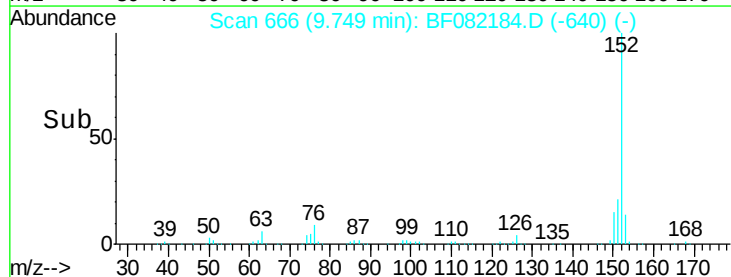
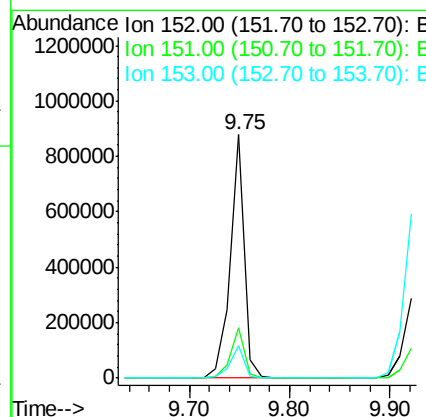
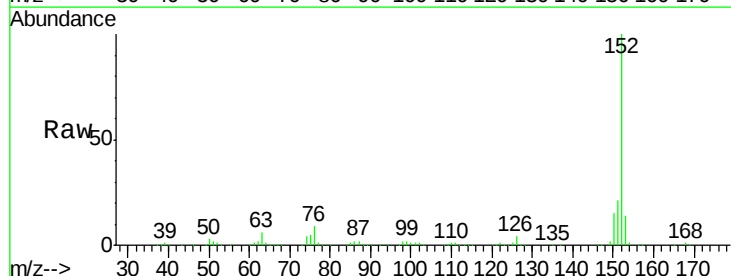
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

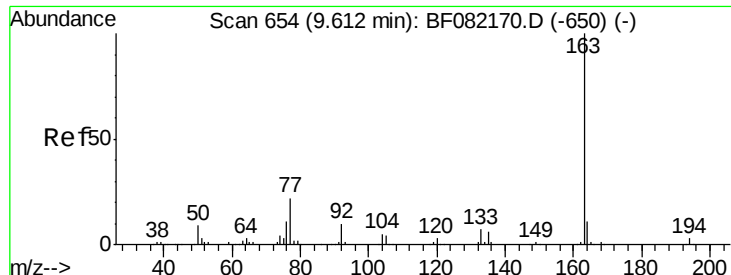
Tot Ion: 65 Resp: 159611
 Ion Ratio Lower Upper
 65 100
 92 76.1 52.3 78.5
 138 139.0 72.2 108.4#



#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

ClientSampleId :

A13COMPMS

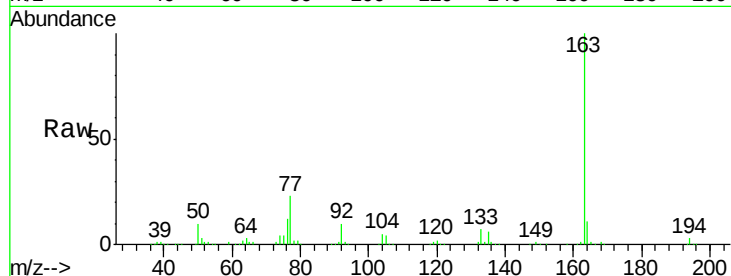
Tot Ion:163 Resp: 639757

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

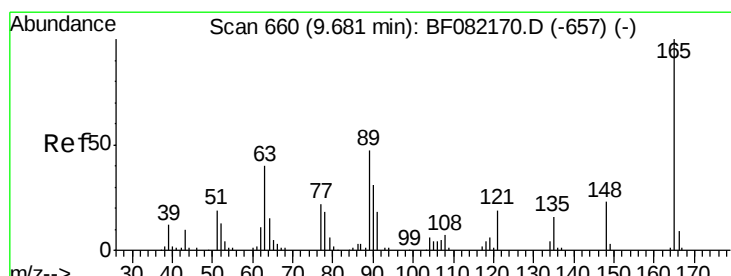
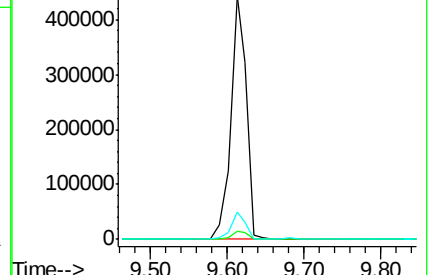
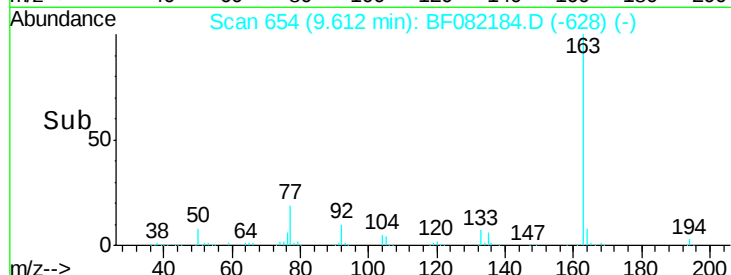
164 11.1 8.5 12.7



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

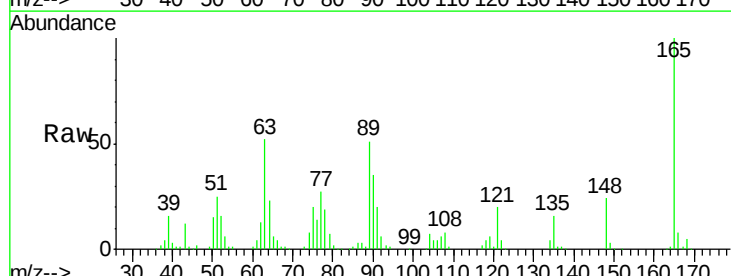
Tgt Ion:165 Resp: 149364

Ion Ratio Lower Upper

165 100

63 52.0 36.7 55.1

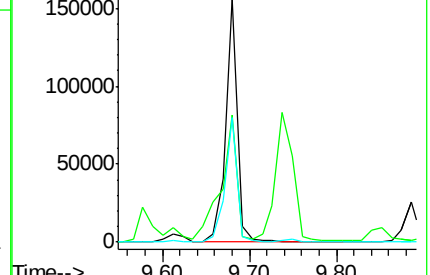
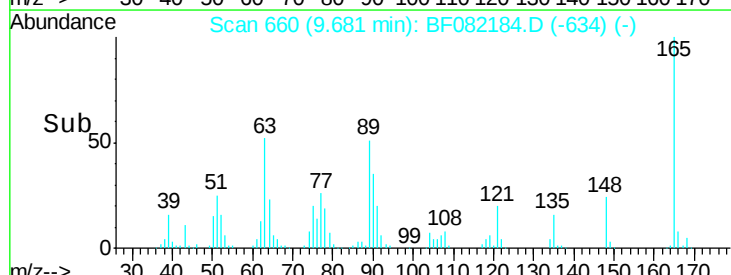
89 51.1 37.8 56.6

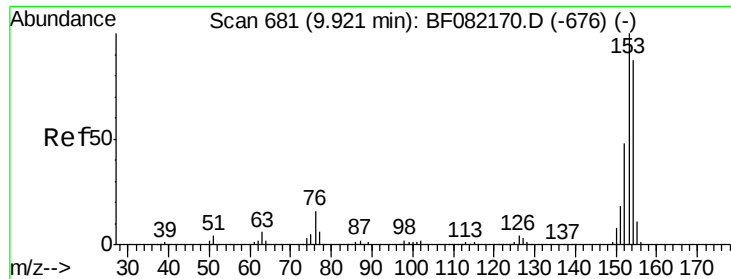


Abundance Ion 165.00 (164.70 to 165.70): E

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 :

A13COMPMS

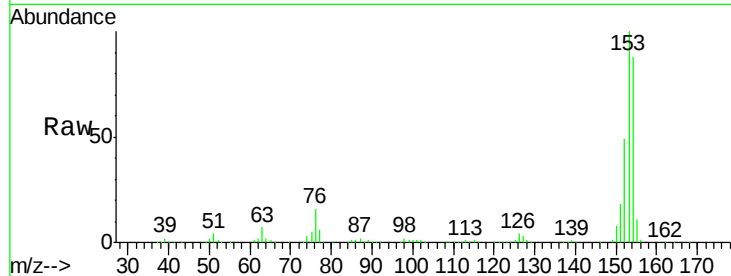
Tot Ion:154 Resp: 496275

Ion Ratio Lower Upper

154 100

153 113.9 91.4 137.2

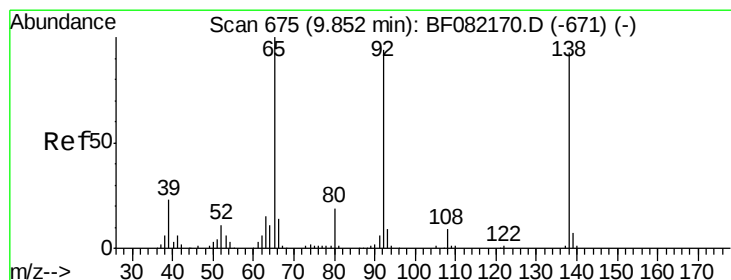
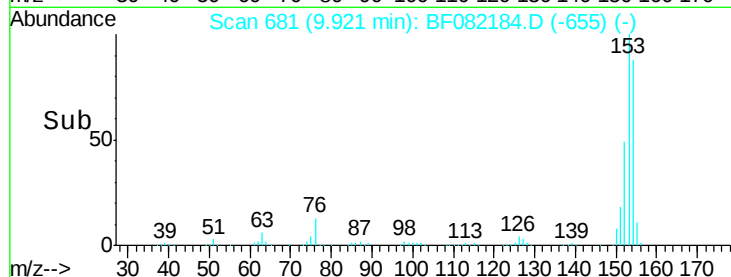
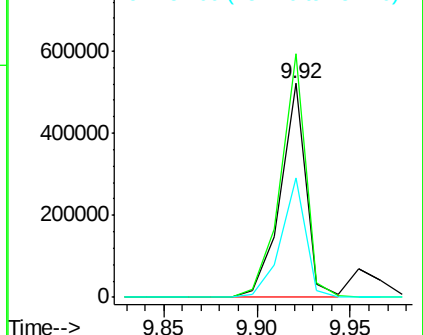
152 55.6 44.3 66.5



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

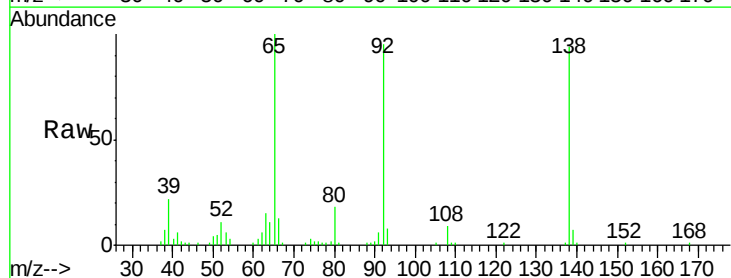
Tgt Ion:138 Resp: 83145

Ion Ratio Lower Upper

138 100

108 9.5 7.4 11.0

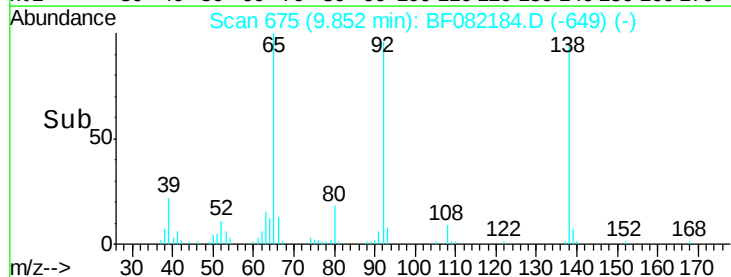
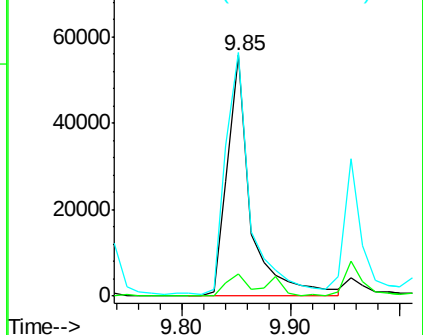
92 101.1 81.3 121.9

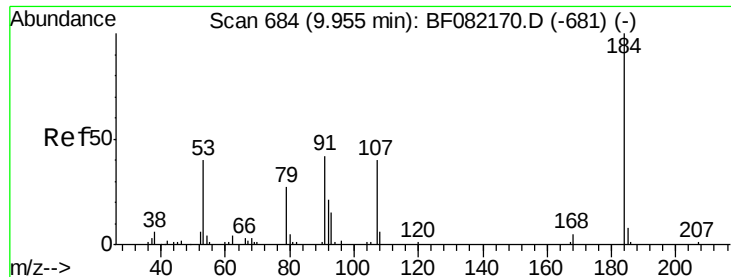


Abundance Ion 138.00 (137.70 to 138.70): E

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 :

A13COMPMS

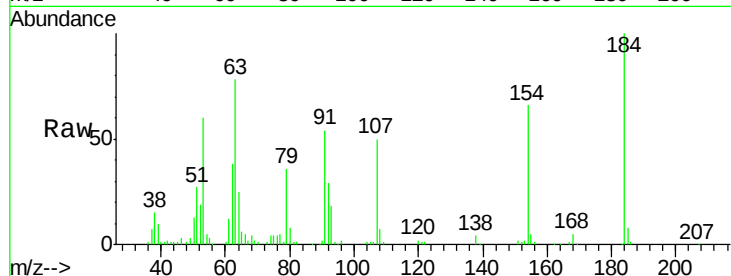
Tot Ion:184 Resp: 163813

Ion Ratio Lower Upper

184 100

63 78.5 45.1 67.7#

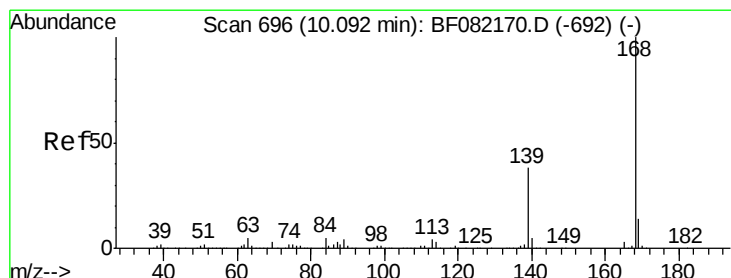
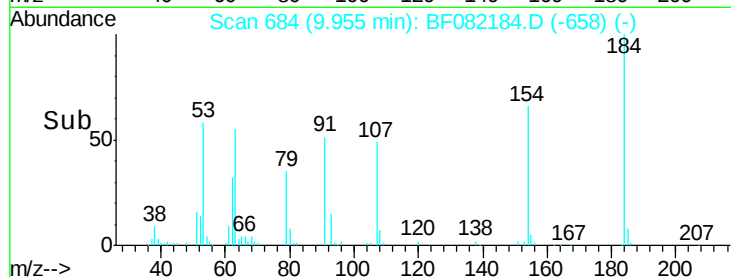
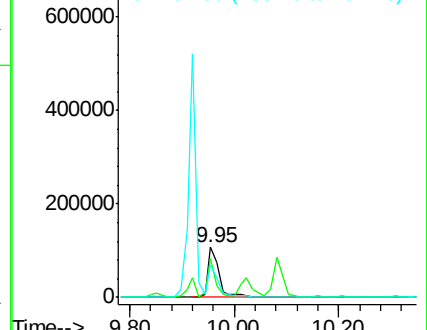
154 65.6 51.2 76.8



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

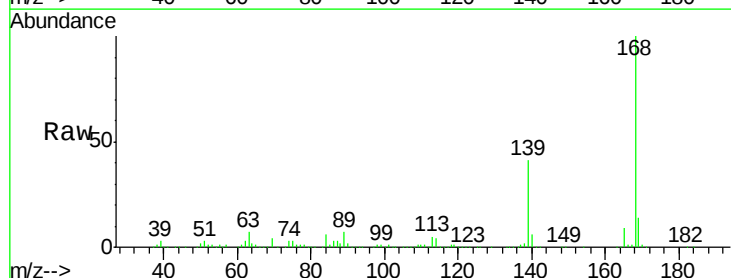
Tgt Ion:168 Resp: 704891

Ion Ratio Lower Upper

168 100

139 40.9 31.0 46.6

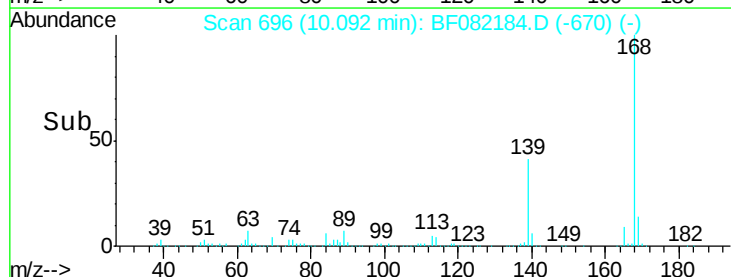
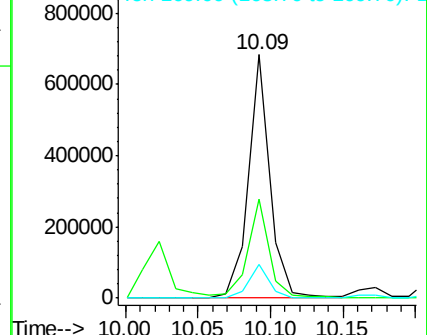
169 14.1 10.9 16.3

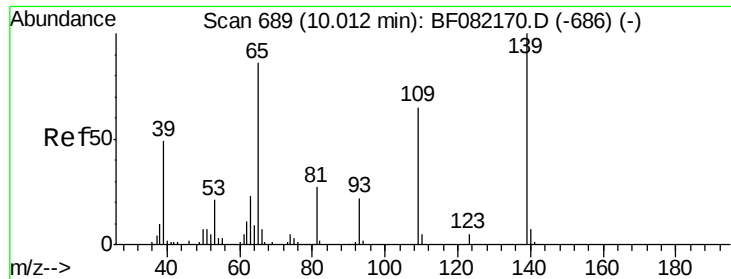


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

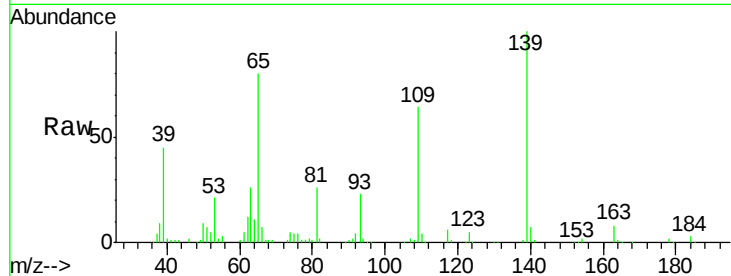




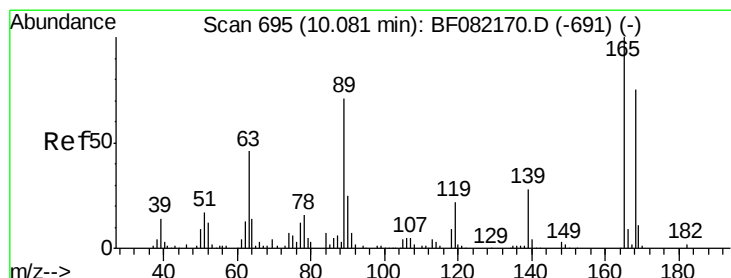
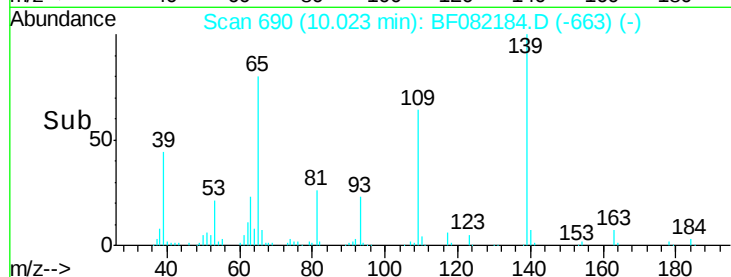
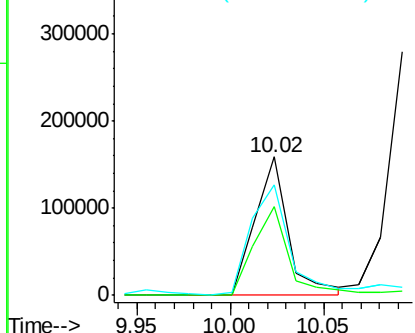
#55
4-Nitrophenol
Concen: 84.26 ng
RT: 10.02 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

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

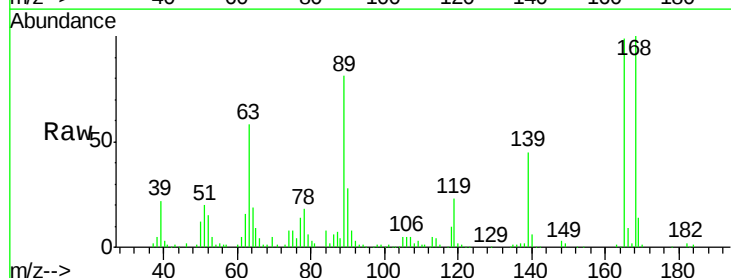


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

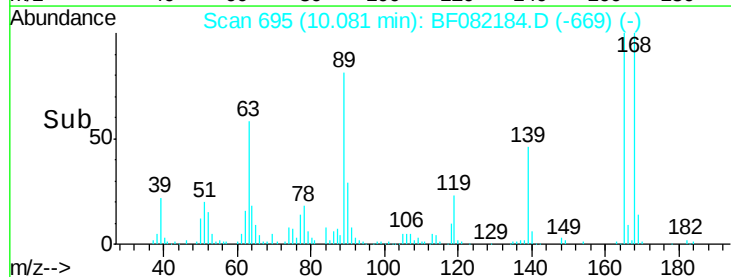
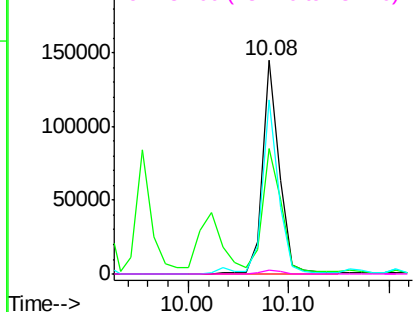


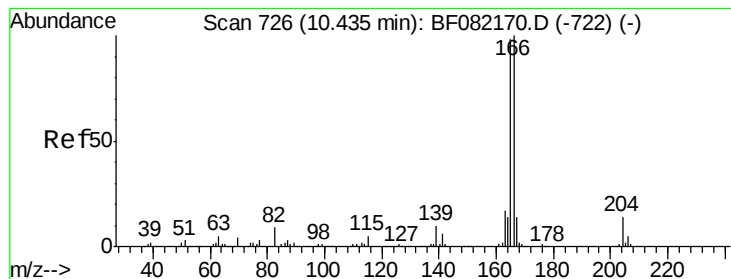
#56
2,4-Dinitrotoluene
Concen: 45.84 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

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 :

A13COMPMS

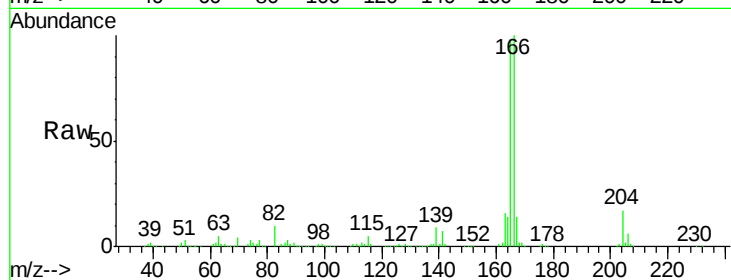
Tot Ion:166 Resp: 579067

Ion Ratio Lower Upper

166 100

165 97.8 78.3 117.5

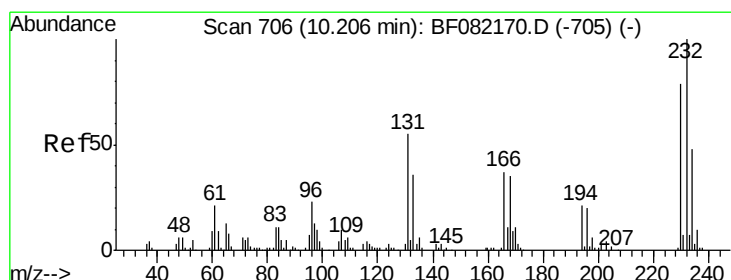
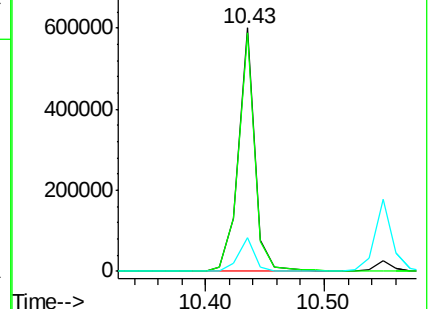
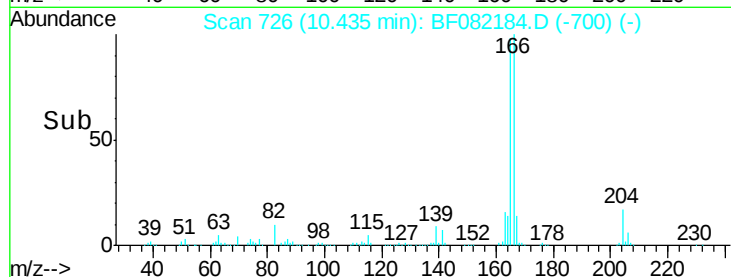
167 13.7 10.8 16.2



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

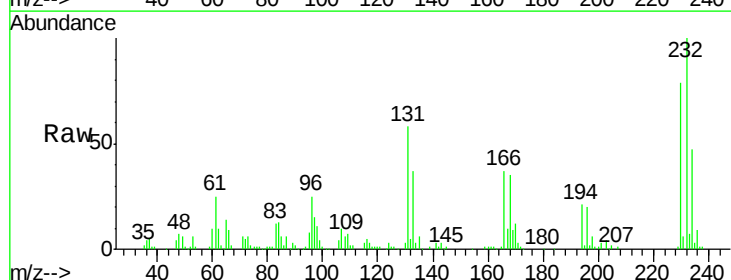
Ion Ratio Lower Upper

232 100

131 42.8 36.6 54.8

130 1.8 1.5 2.3

166 29.1 24.6 37.0

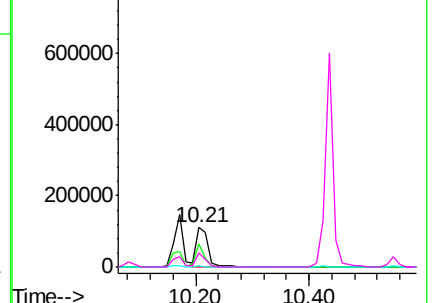
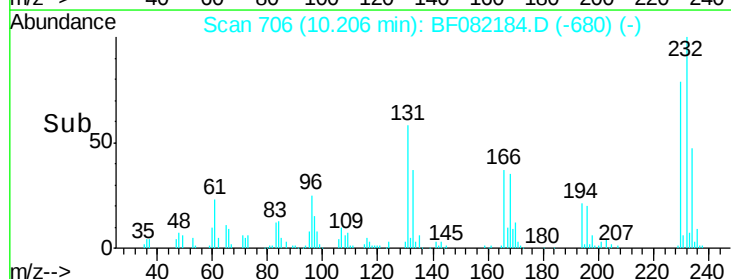


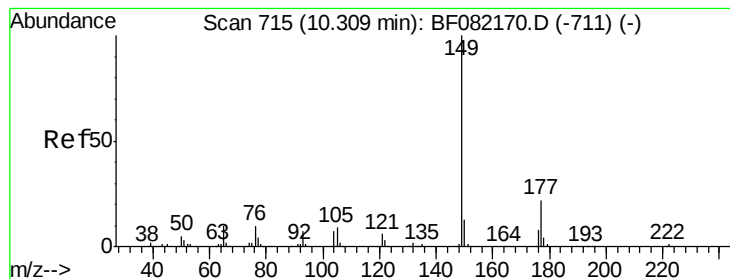
Abundance Ion 232.00 (231.70 to 232.70): E

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 :

A13COMPMS

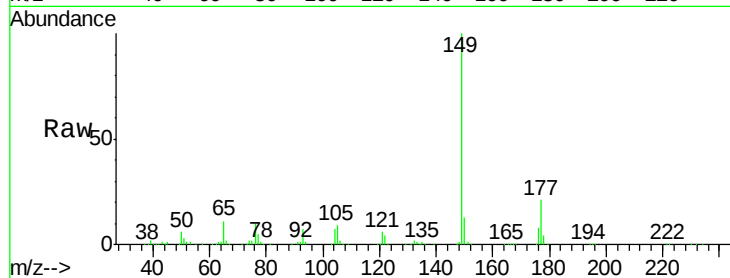
Tot Ion:149 Resp: 621898

Ion Ratio Lower Upper

149 100

177 21.0 17.6 26.4

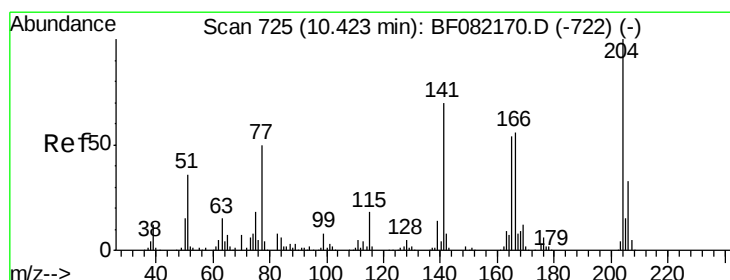
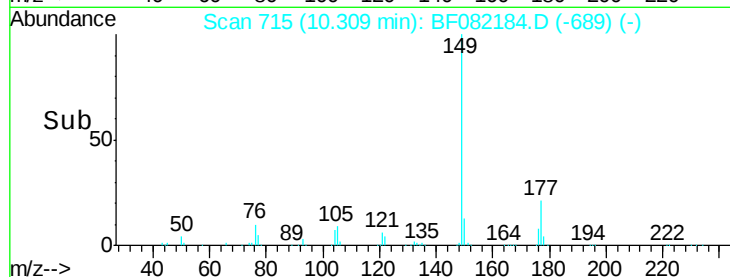
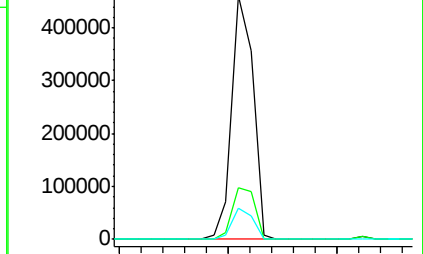
150 12.9 10.3 15.5



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

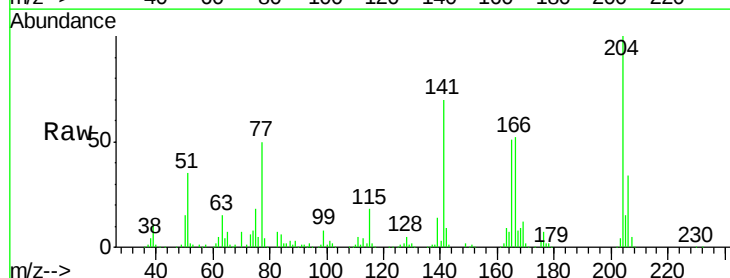
Tgt Ion:204 Resp: 266575

Ion Ratio Lower Upper

204 100

206 33.8 26.8 40.2

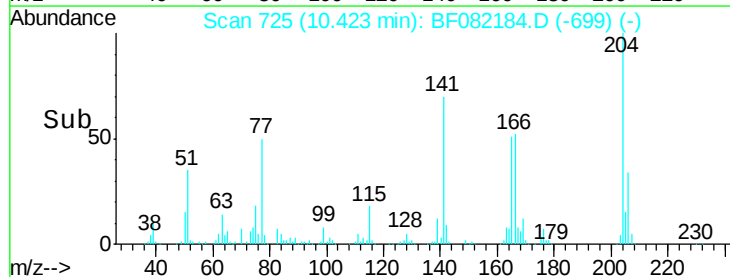
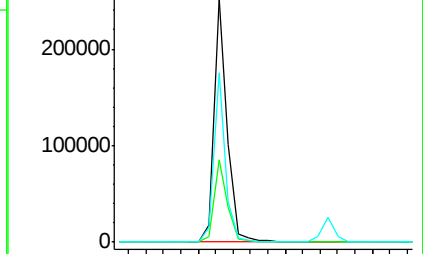
141 69.5 56.1 84.1

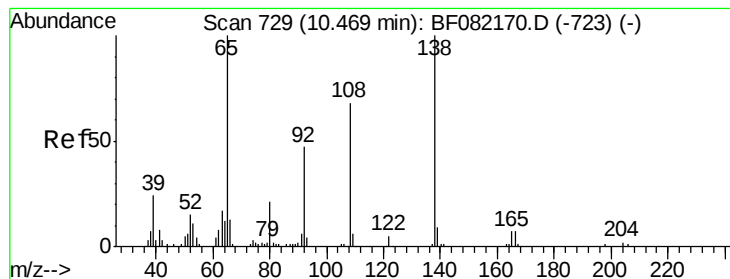


Abundance Ion 204.00 (203.70 to 204.70): E

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

ClientSampleId :

A13COMPMS

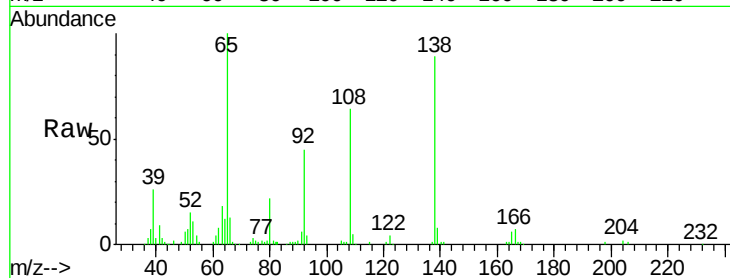
Tot Ion:138 Resp: 140026

Ion Ratio Lower Upper

138 100

92 51.0 26.8 66.8

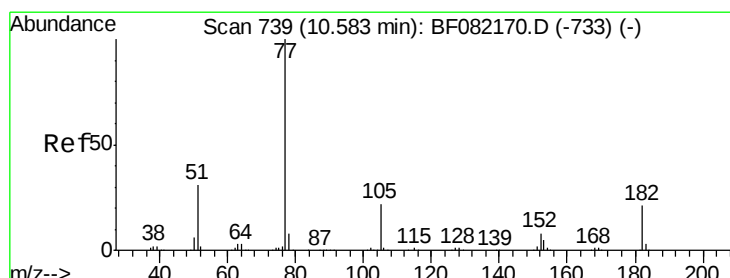
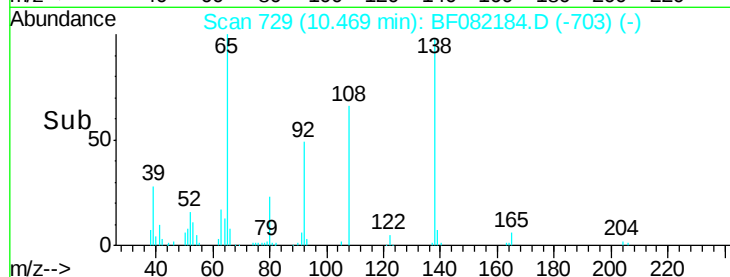
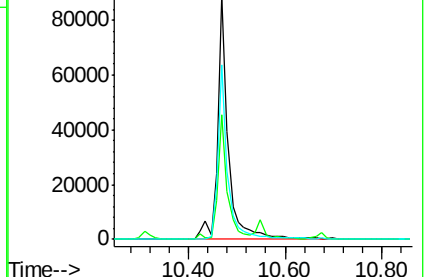
108 71.4 48.4 88.4



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

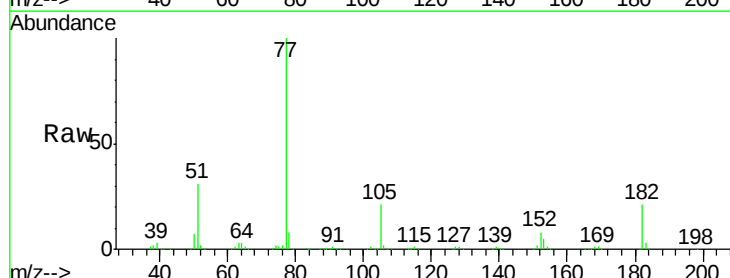
Ion Ratio Lower Upper

77 100

182 21.0 0.5 40.5

105 21.4 1.8 41.8

51 31.5 11.2 51.2

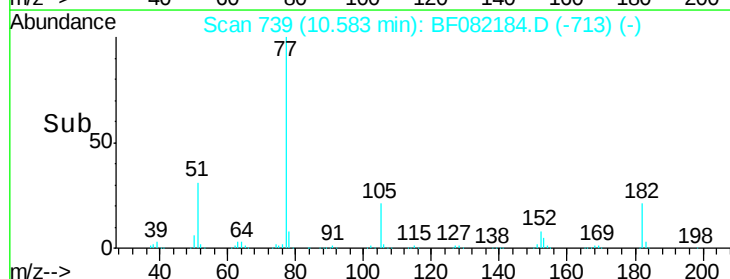
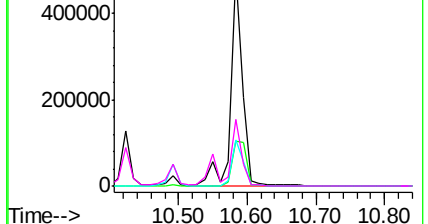


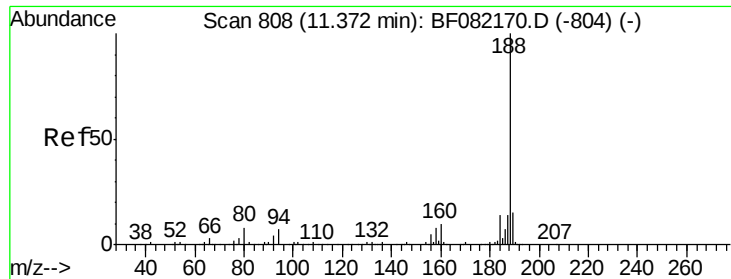
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

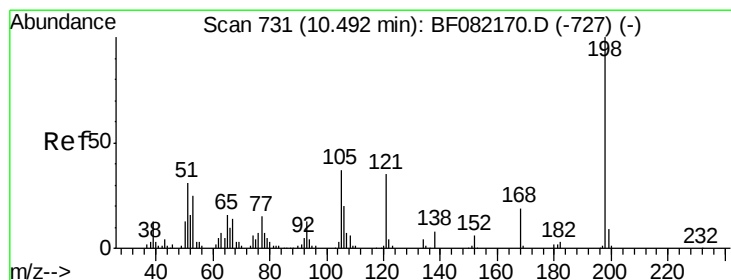
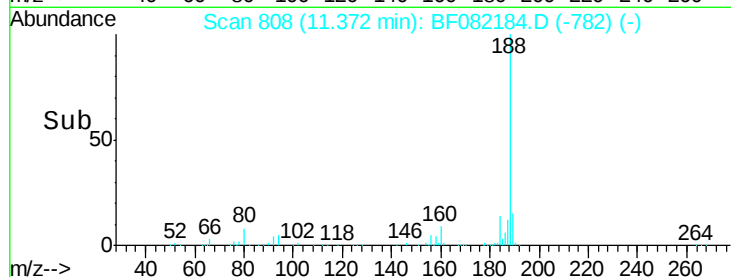
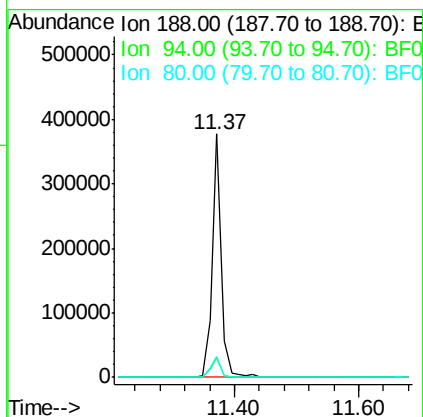
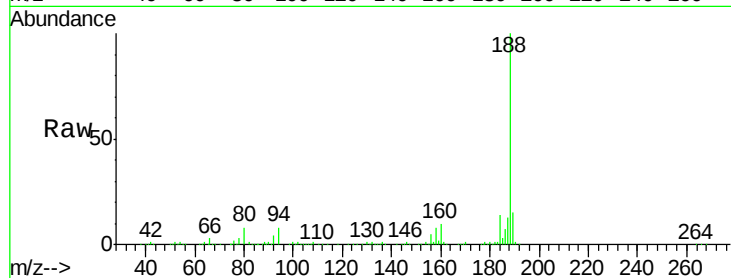




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

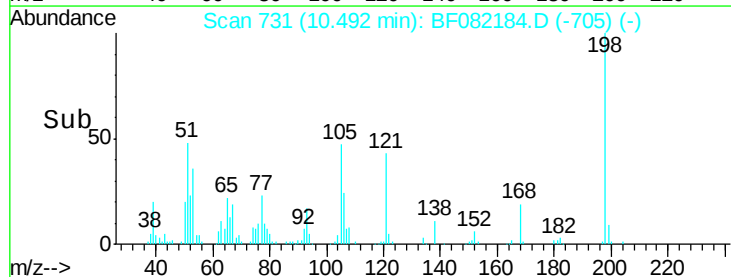
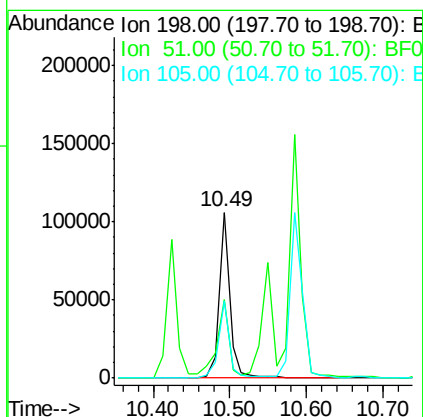
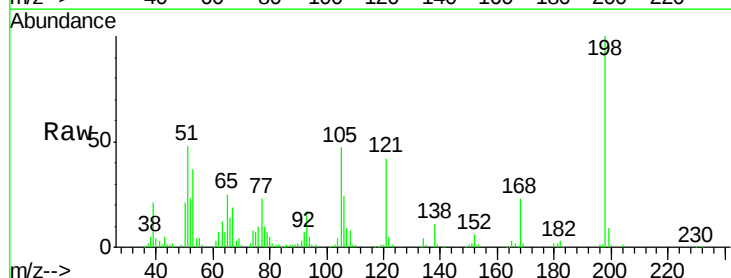
Instrument :
BNA_F
ClientSampleId :
A13COMPMS

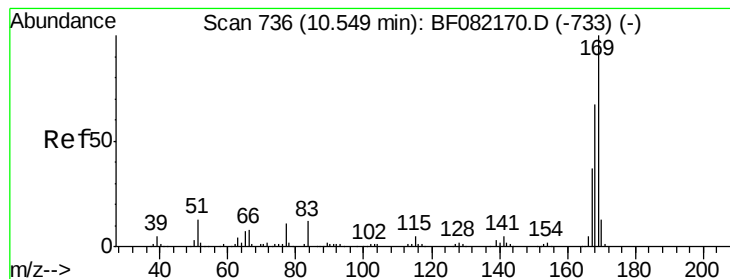
Tot Ion:188 Resp: 377514
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 8.3 6.4 9.6



#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





#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 :

A13COMPMS

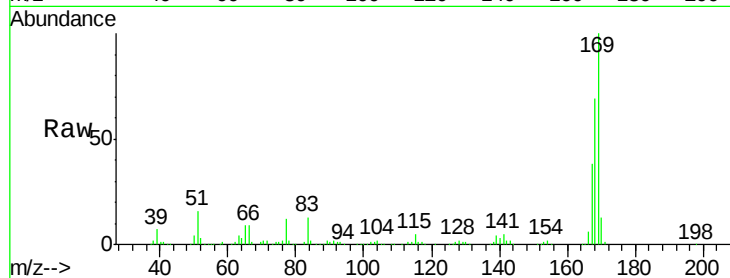
Tot Ion:169 Resp: 495732

Ion Ratio Lower Upper

169 100

168 68.5 54.0 81.0

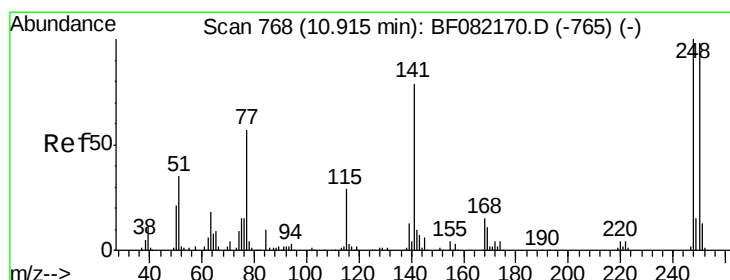
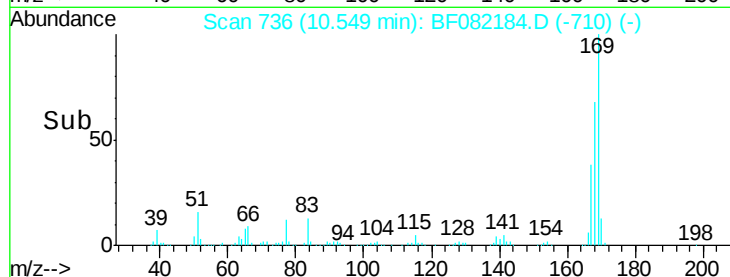
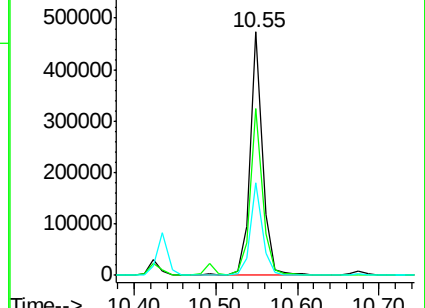
167 37.9 29.6 44.4



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

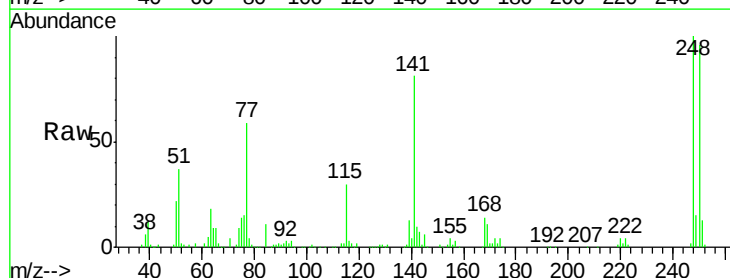
Tgt Ion:248 Resp: 176237

Ion Ratio Lower Upper

248 100

250 95.8 78.6 117.8

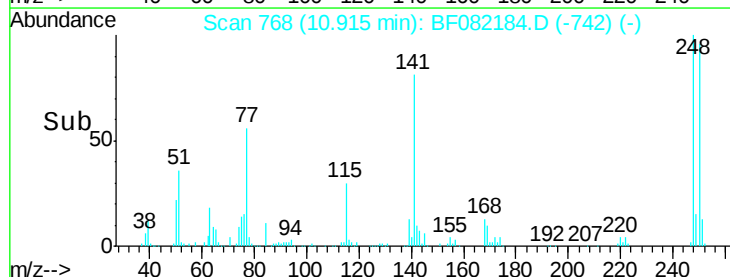
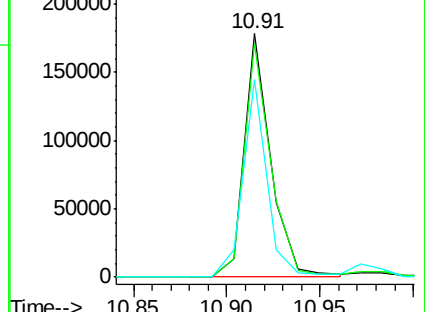
141 80.9 63.3 94.9

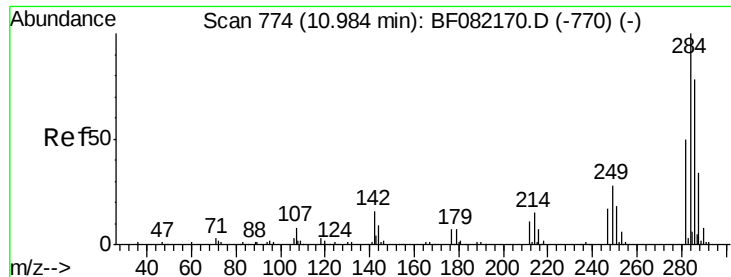


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

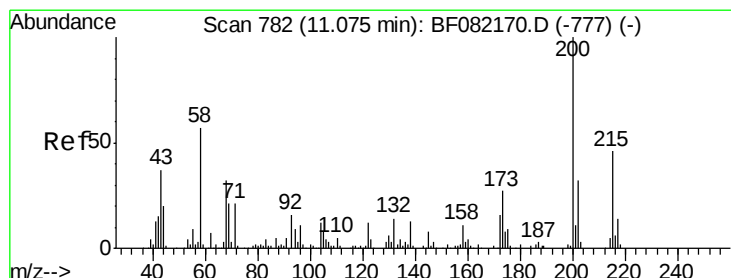
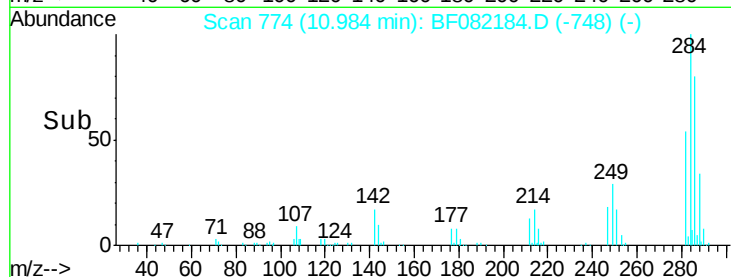
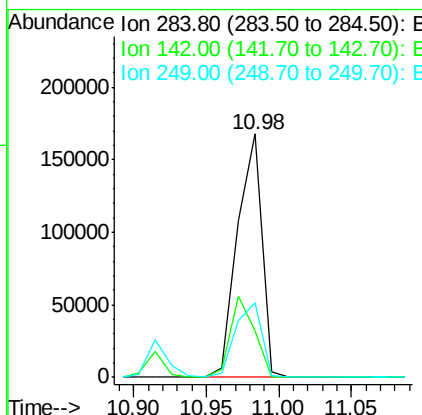
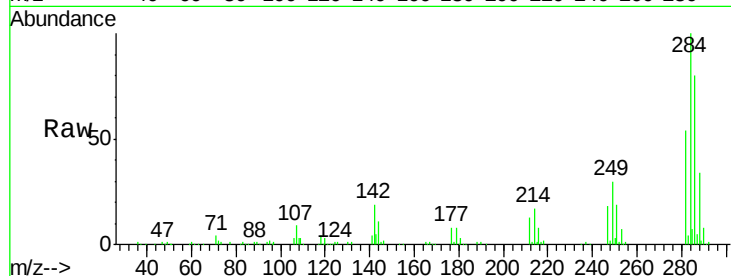




#67
Hexachlorobenzene
Concen: 48.21 ng
RT: 10.98 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

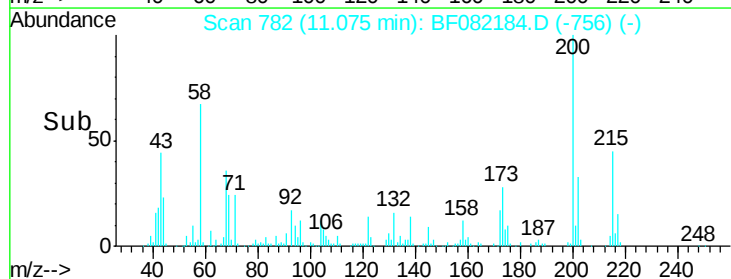
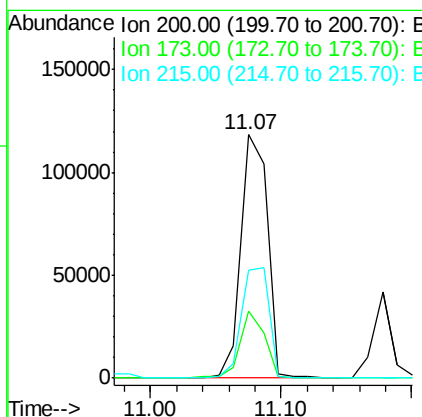
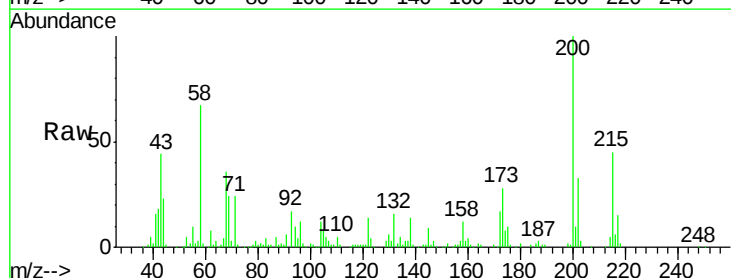
Instrument :
BNA_F
ClientSampleId :
A13COMPMS

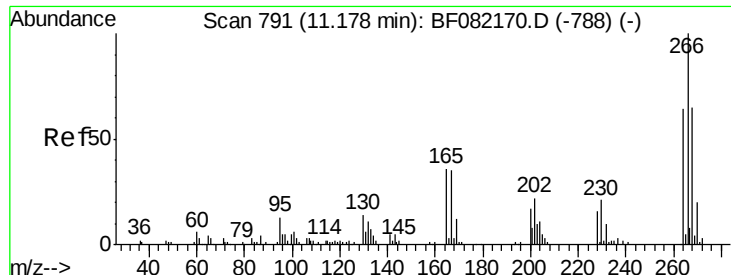
Tot Ion	Ratio	Lower	Upper
284	100		
142	19.0	13.0	19.6
249	30.4	22.5	33.7



#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	Ratio	Lower	Upper
200	100		
173	27.8	7.3	47.3
215	44.5	26.2	66.2

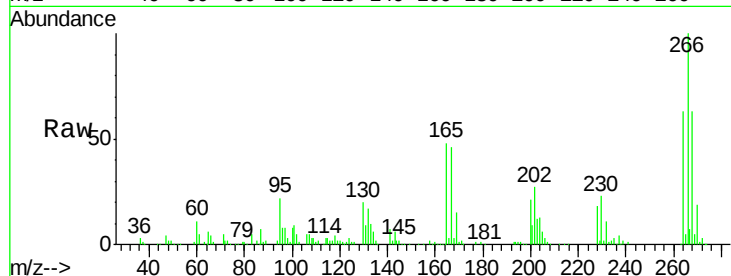




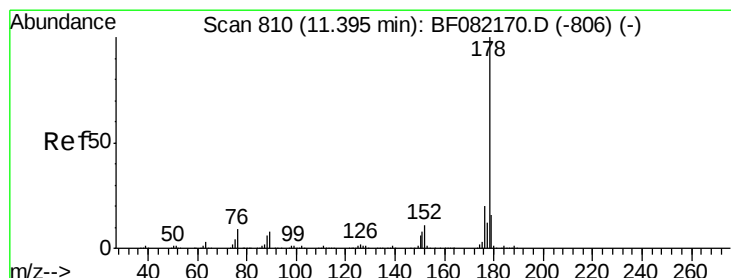
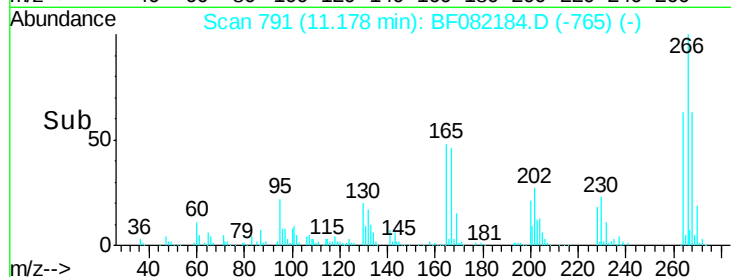
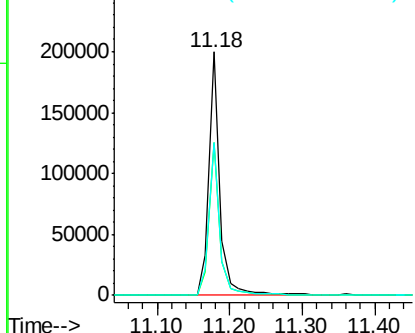
#69
 Pentachlorophenol
 Concen: 101.27 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

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

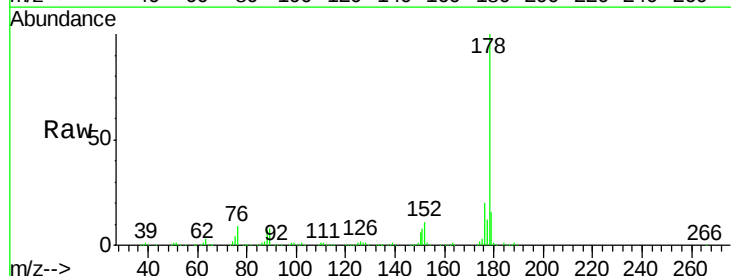


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

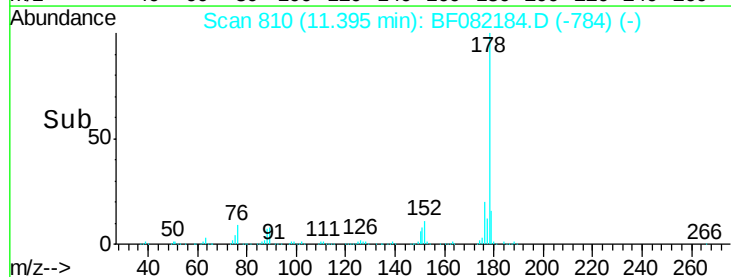
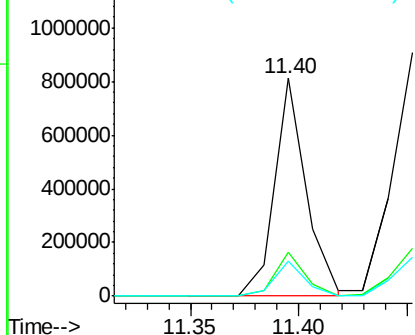


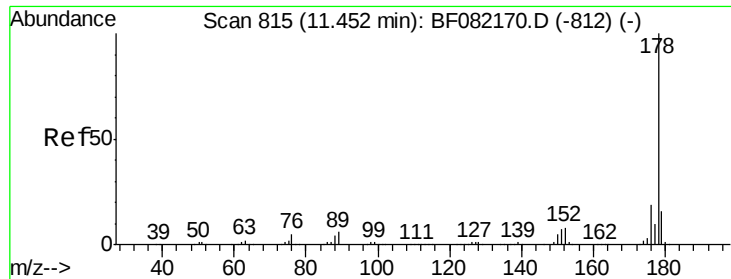
#70
 Phenanthrene
 Concen: 44.50 ng
 RT: 11.40 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

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

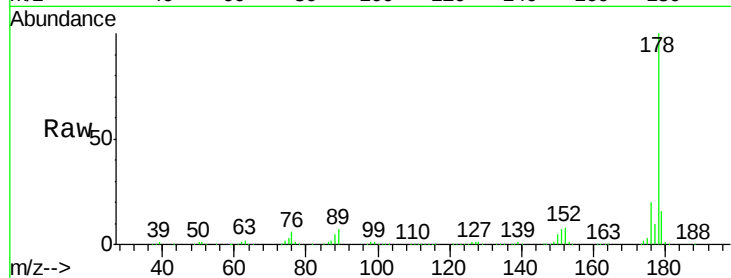




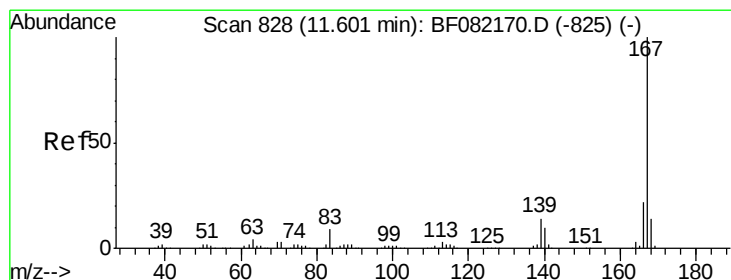
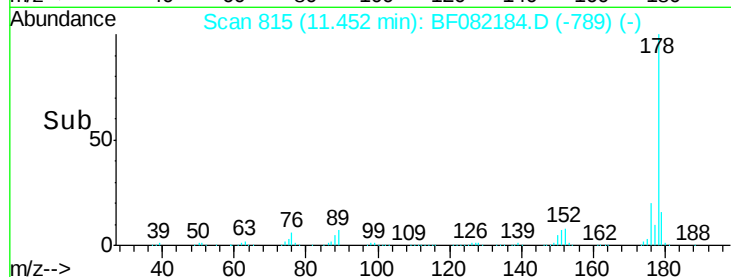
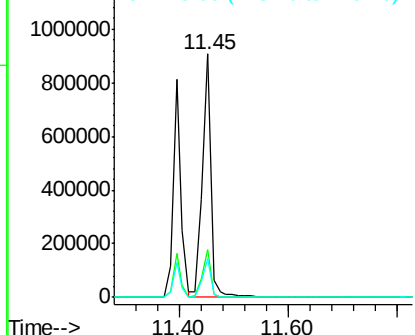
#71
 Anthracene
 Concen: 51.19 ng
 RT: 11.45 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

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

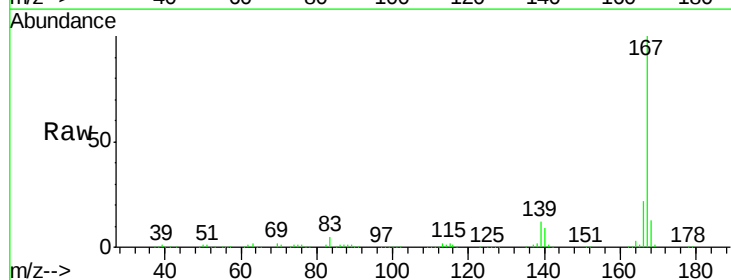


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

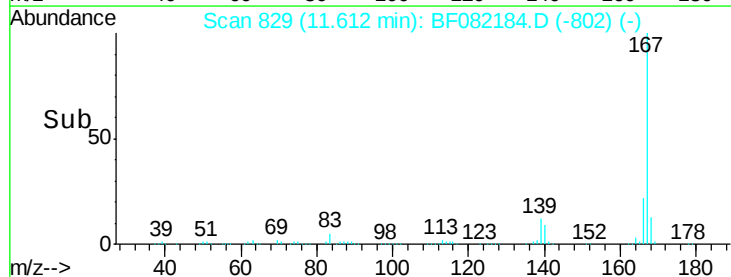
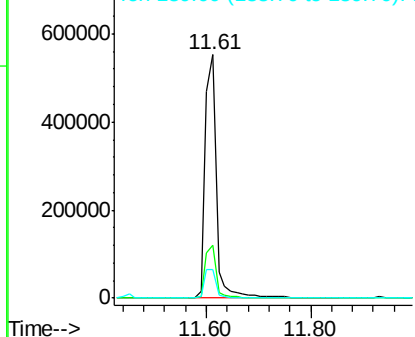


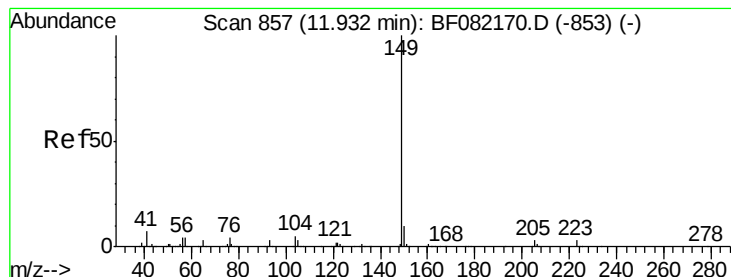
#72
 Carbazole
 Concen: 47.65 ng
 RT: 11.61 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

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

ClientSampleId :

A13COMPMS

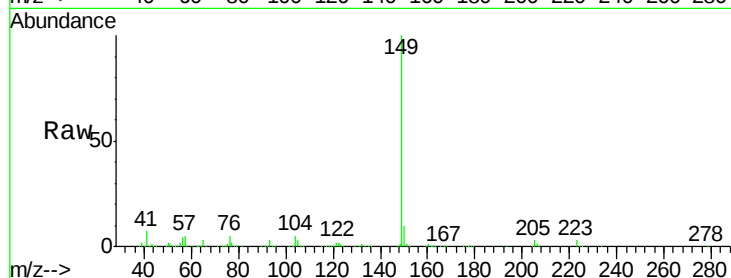
Tot Ion:149 Resp: 959683

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

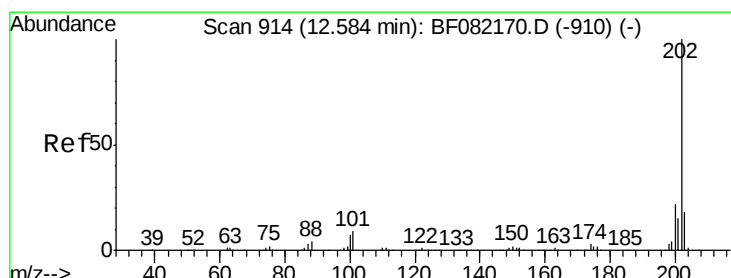
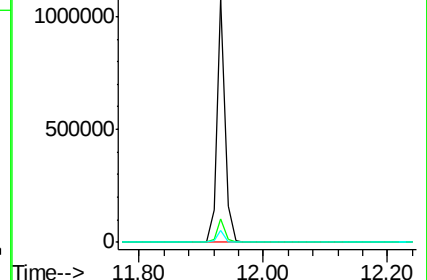
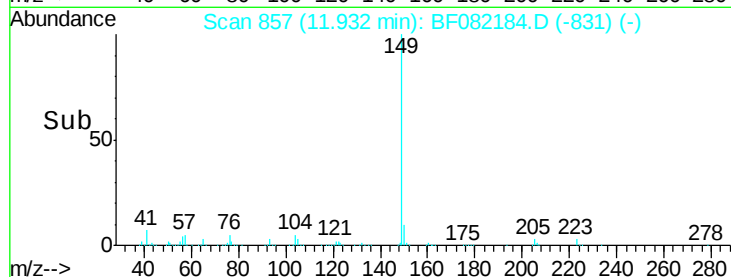
104 5.1 3.8 5.8



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

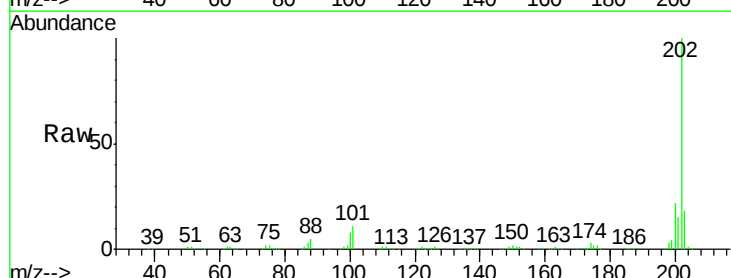
Tgt Ion:202 Resp: 912622

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.3

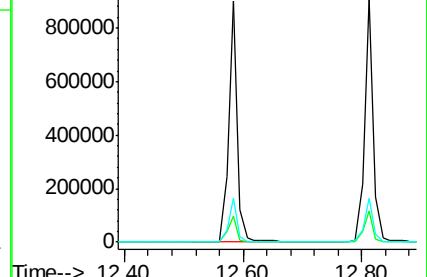
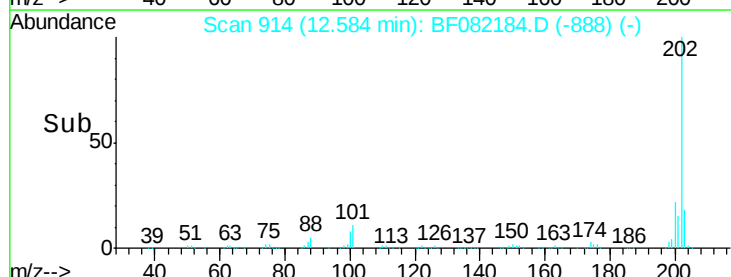
203 18.2 0.0 37.8

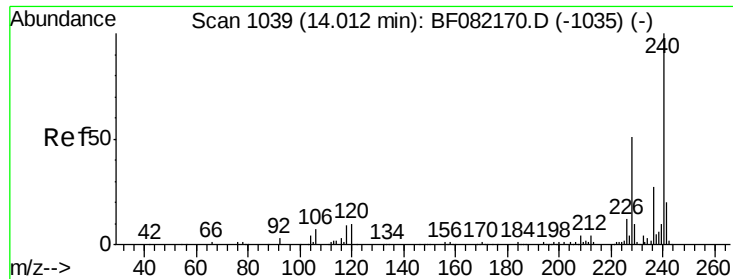


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

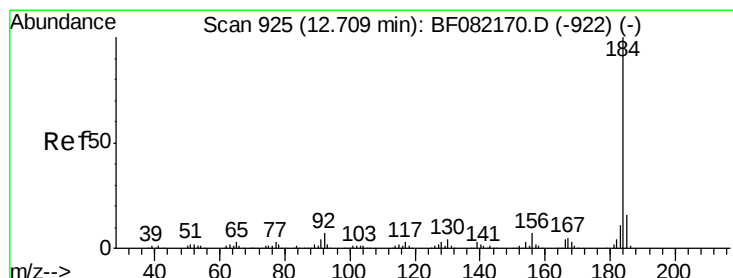
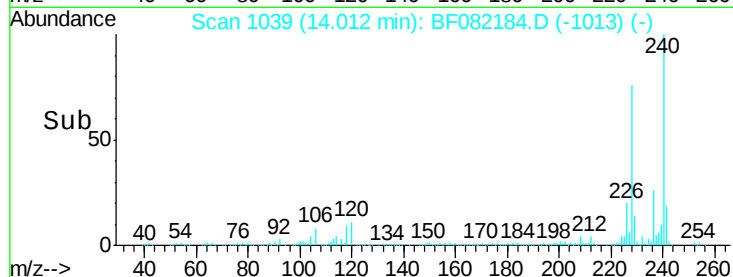
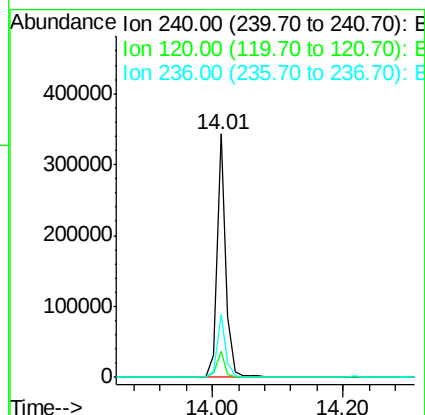
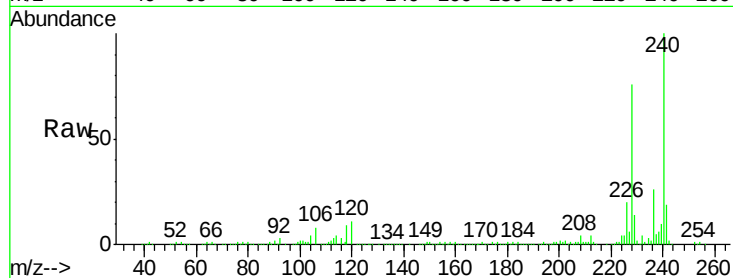




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

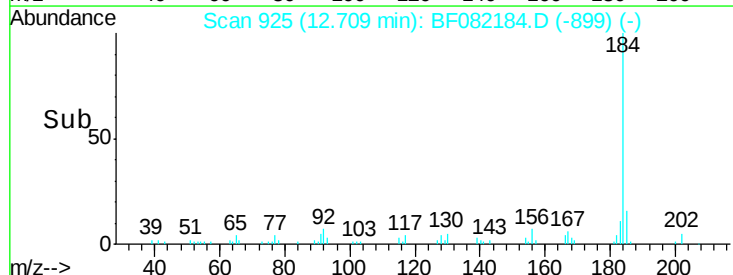
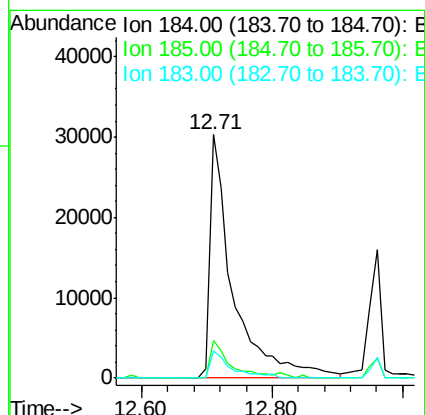
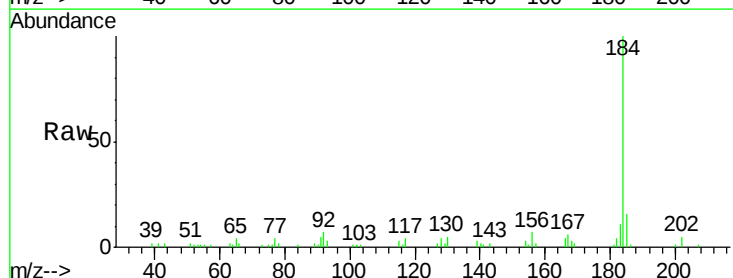
Instrument :
BNA_F
ClientSampleId :
A13COMPMS

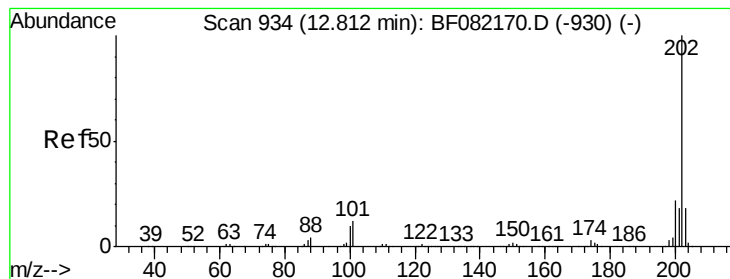
Tot Ion:240 Resp: 332251
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 25.7 21.3 31.9



#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 :

A13COMPMS

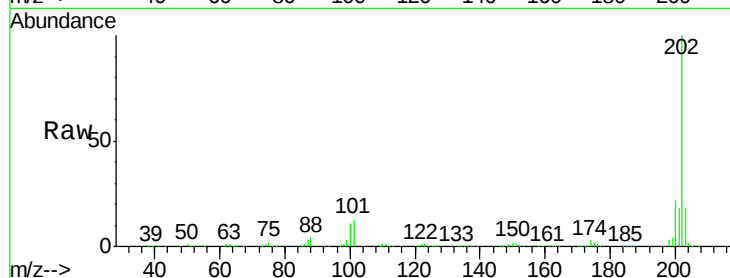
Tot Ion:202 Resp: 914462

Ion Ratio Lower Upper

202 100

200 22.1 17.9 26.9

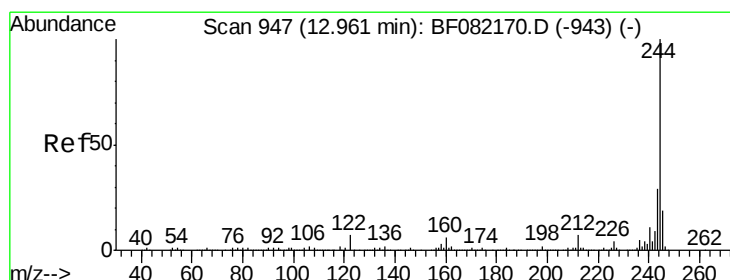
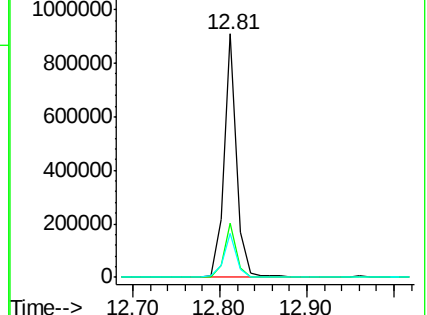
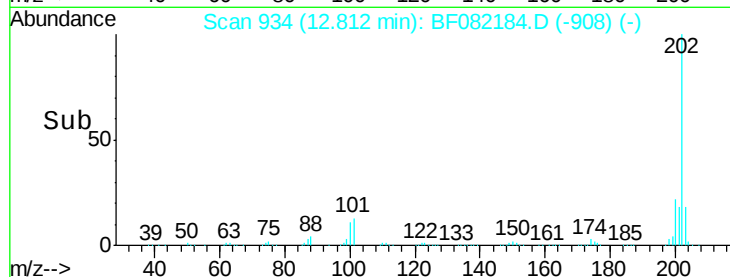
203 17.9 14.5 21.7



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

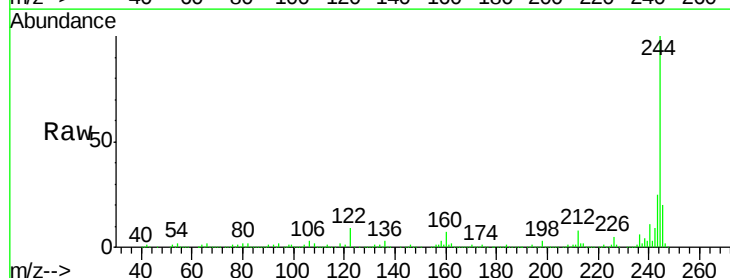
Tgt Ion:244 Resp: 1232757

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

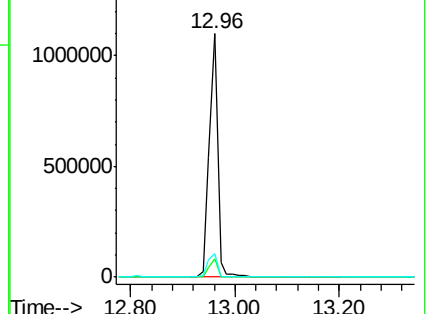
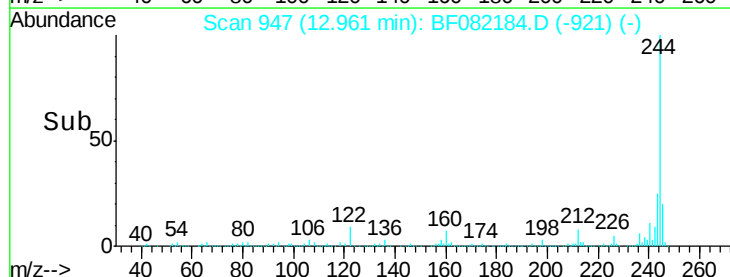
122 9.4 5.9 8.9#

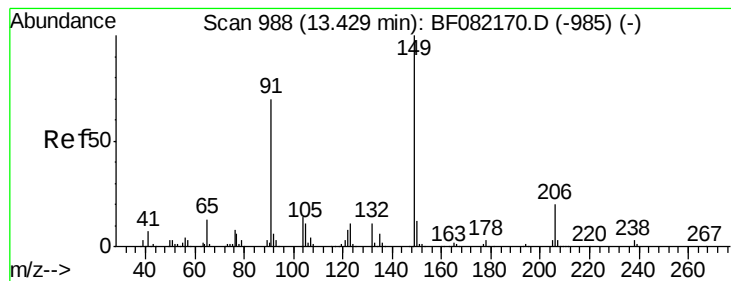


Abundance Ion 244.00 (243.70 to 244.70): E

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 :

A13COMPMS

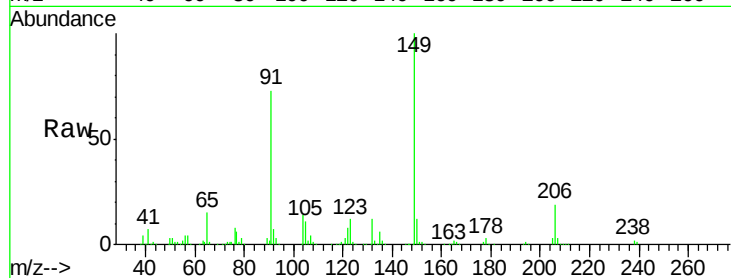
Tot Ion:149 Resp: 410708

Ion Ratio Lower Upper

149 100

91 73.0 55.7 83.5

206 18.9 15.6 23.4

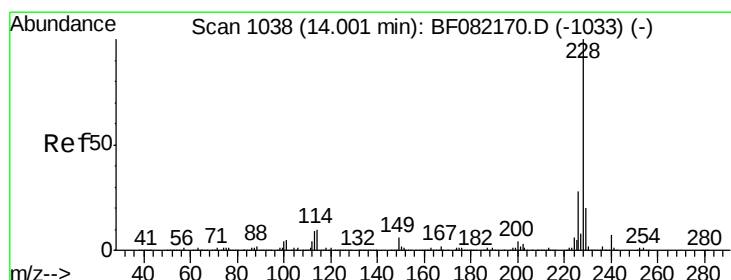
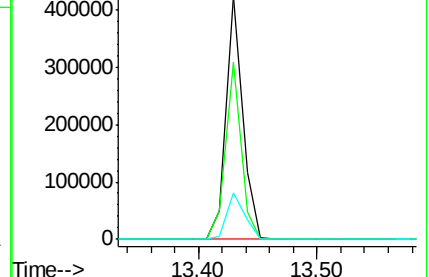
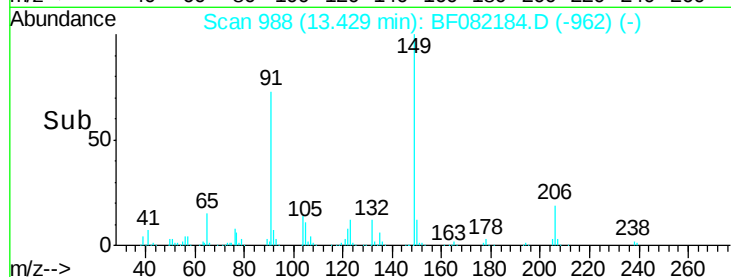


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->



#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

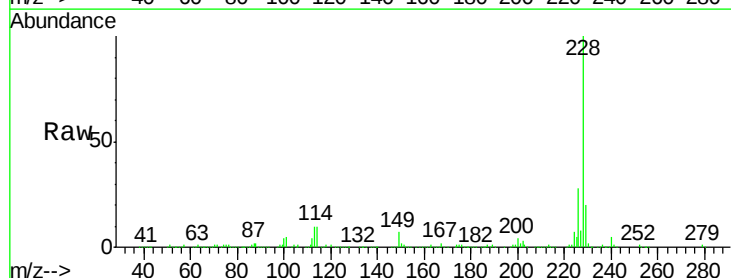
Tgt Ion:228 Resp: 807530

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

229 19.9 16.2 24.2

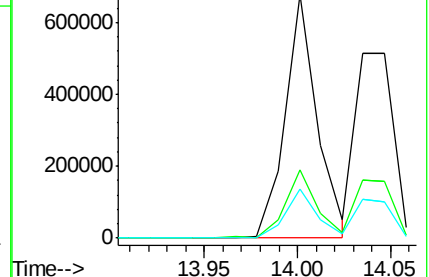
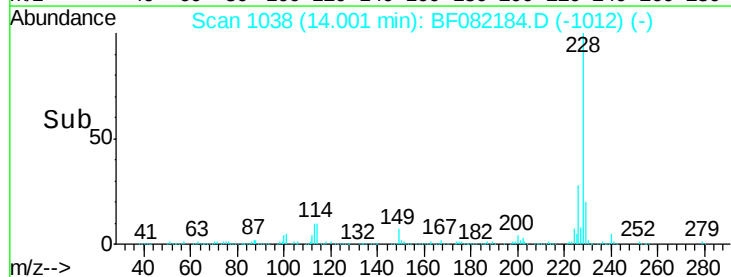


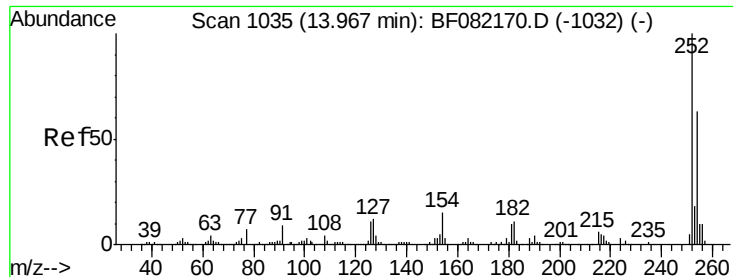
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->

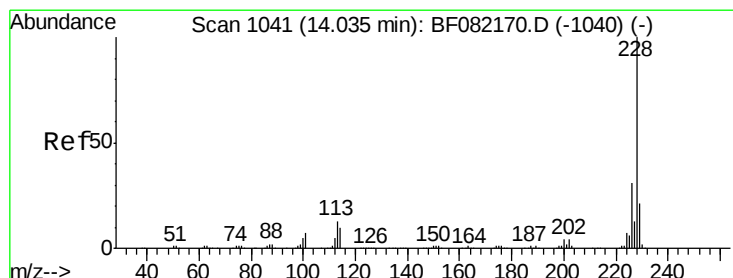
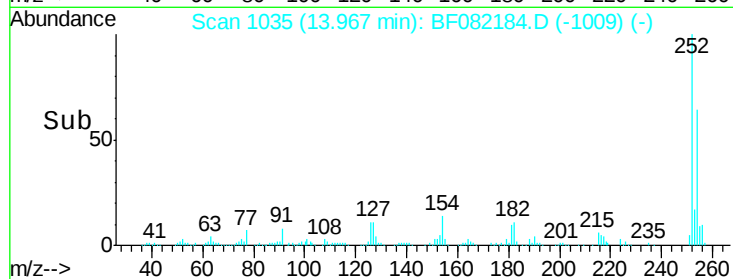
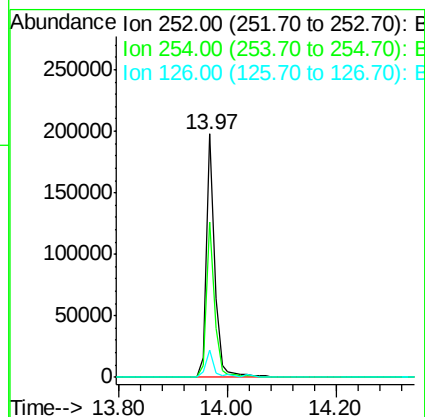
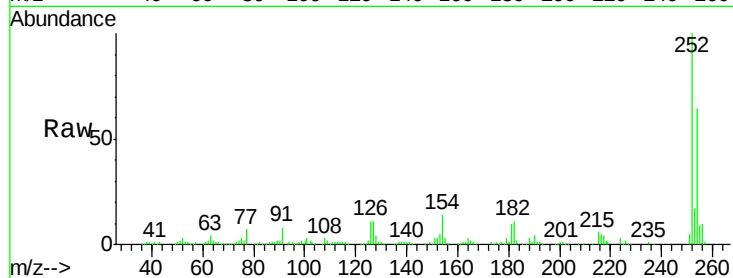




#81
 3,3'-Dichlorobenzidine
 Concen: 32.33 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

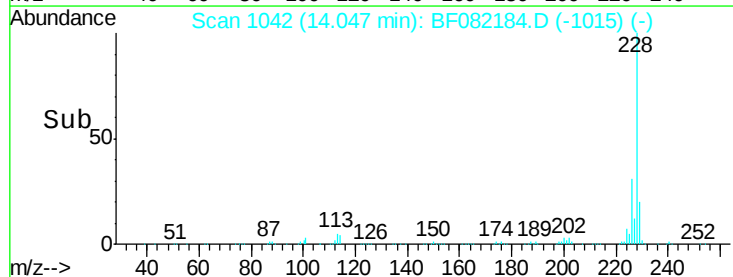
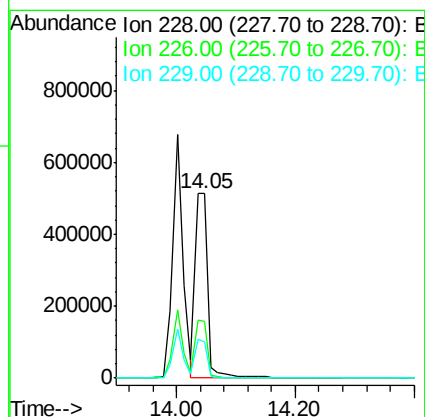
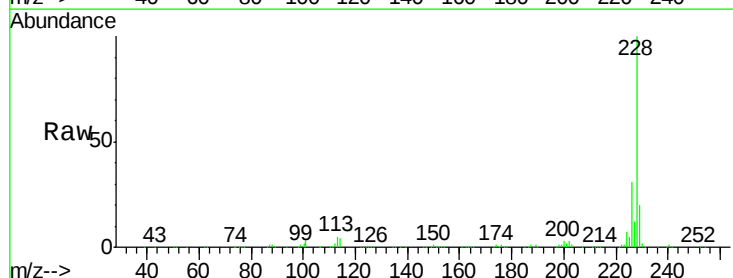
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

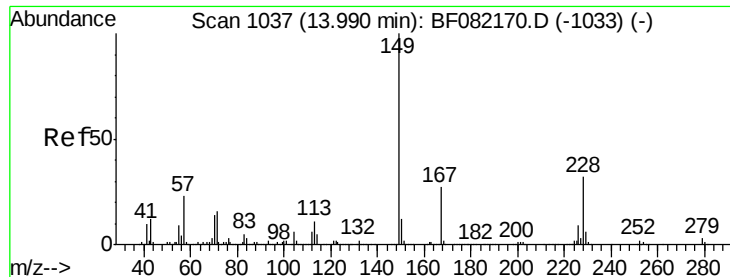
Tot Ion:252 Resp: 212115
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.7 76.1
 126 11.3 9.0 13.6



#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:228 Resp: 766938
 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 :

A13COMPMS

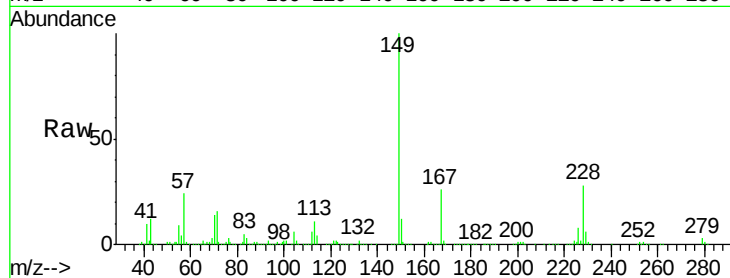
Tot Ion:149 Resp: 633932

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

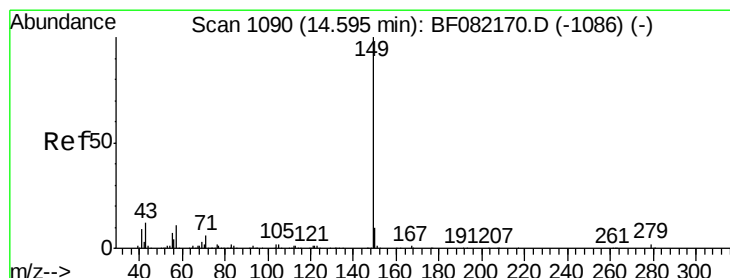
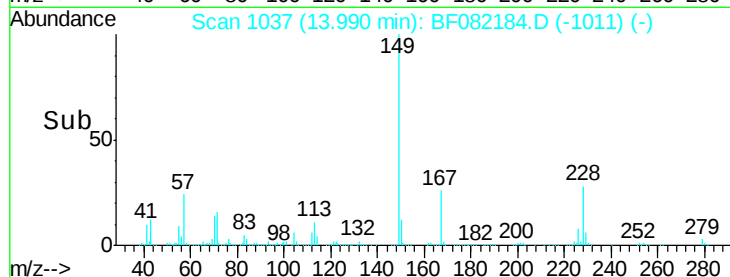
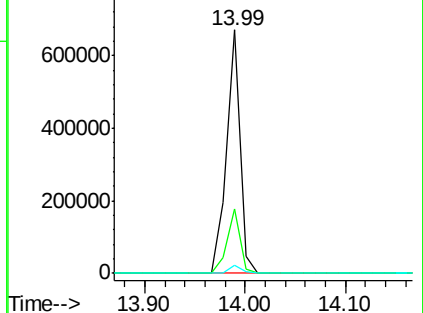
279 3.2 2.6 4.0



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

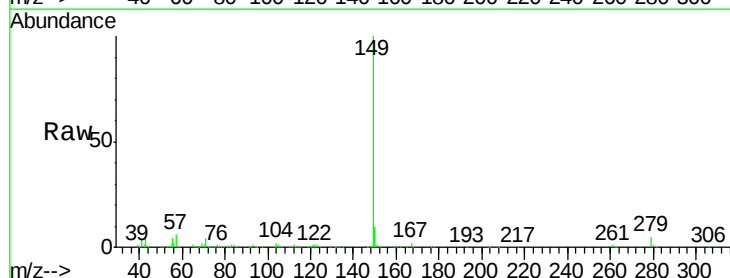
Tgt Ion:149 Resp: 1035441

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

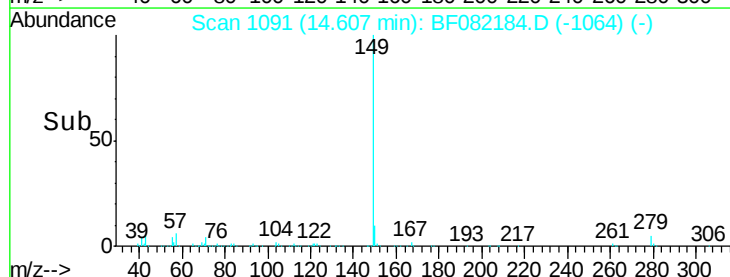
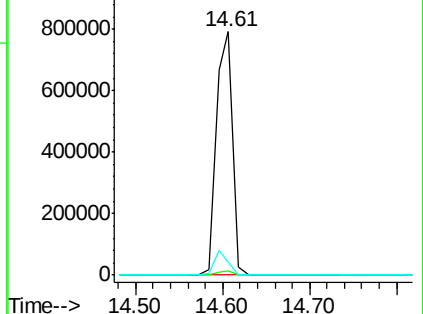
43 8.7 7.4 11.2

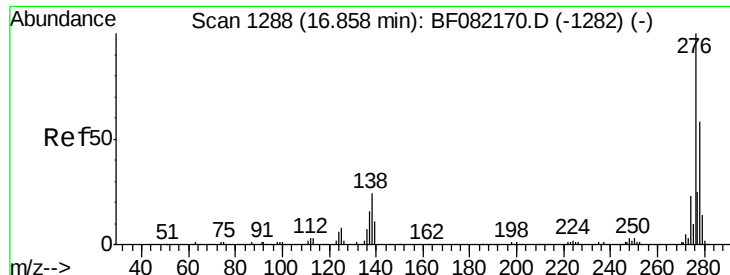


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

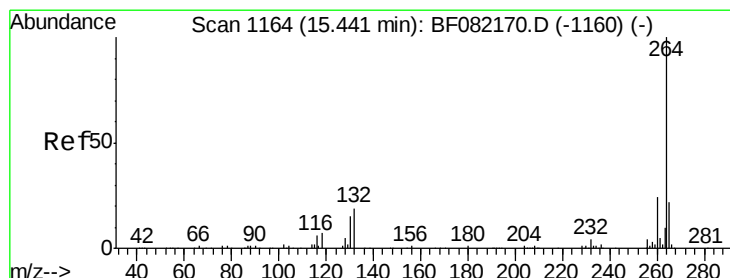
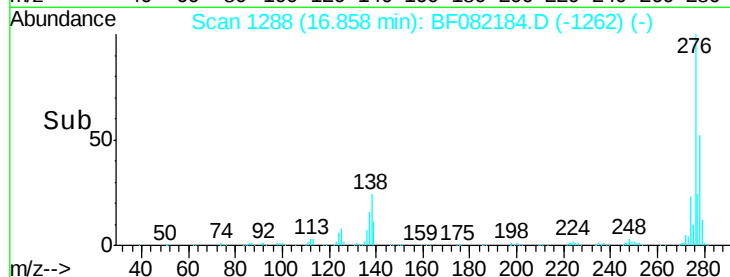
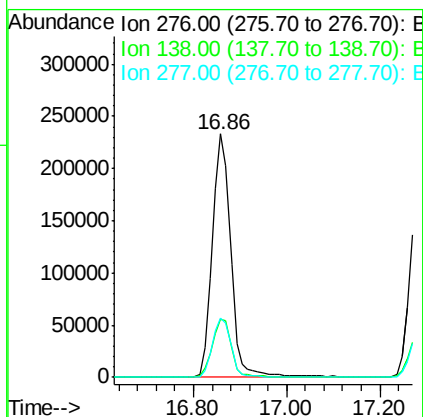
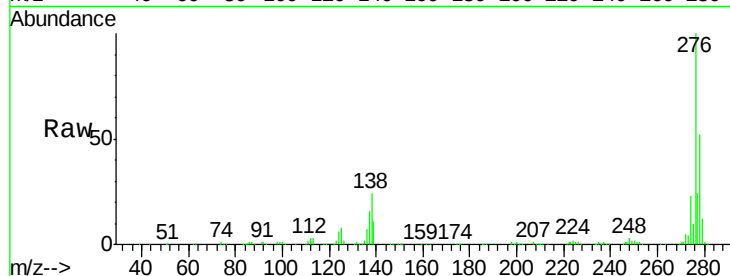




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.65 ng
RT: 16.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

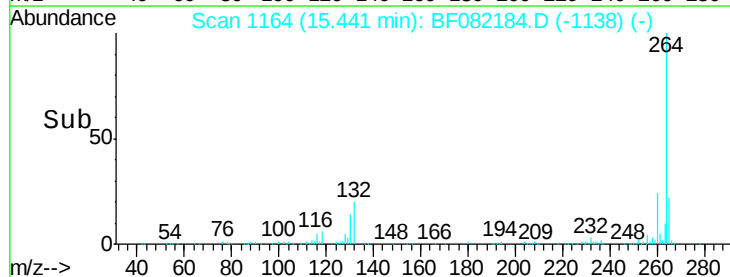
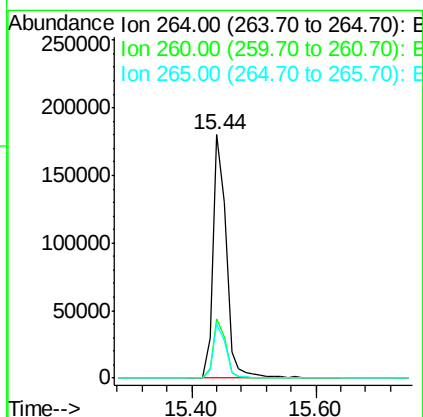
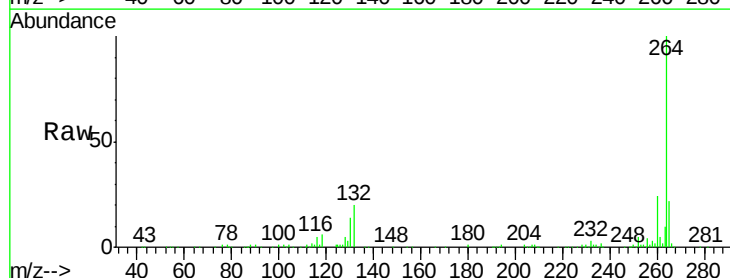
Instrument :
BNA_F
ClientSampleId :
A13COMPMS

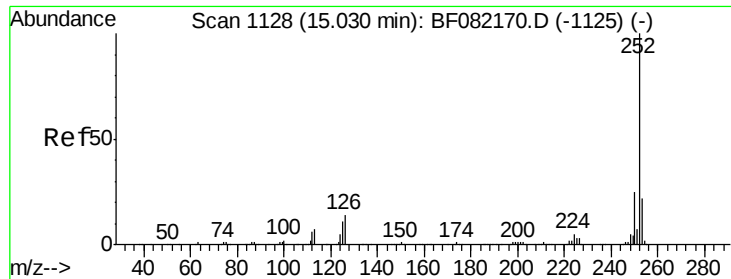
Tot Ion:276 Resp: 646401
Ion Ratio Lower Upper
276 100
138 24.7 19.7 29.5
277 24.6 20.1 30.1



#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

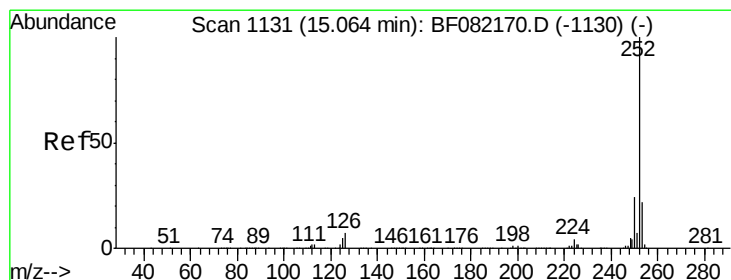
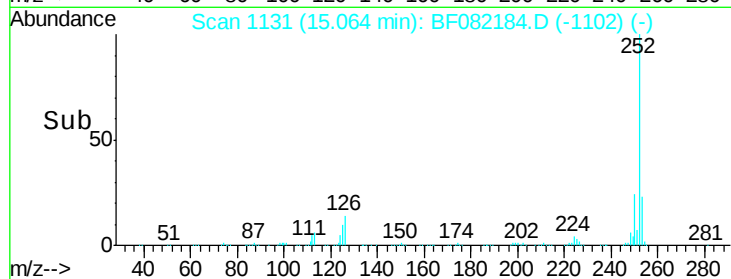
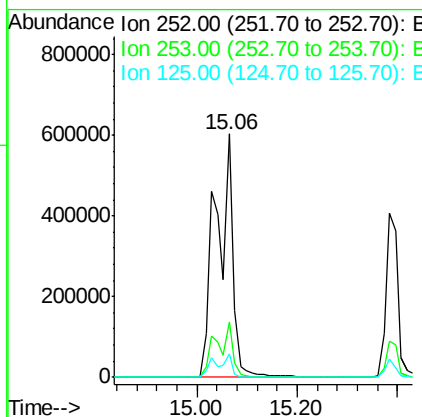
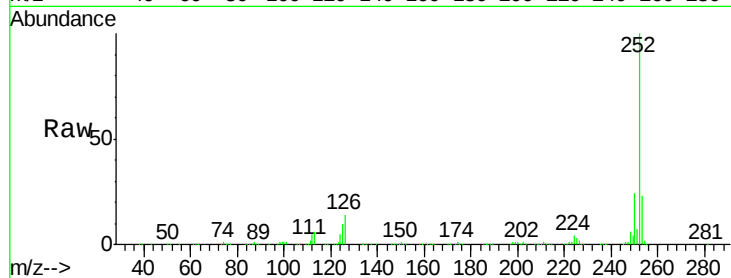
Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

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

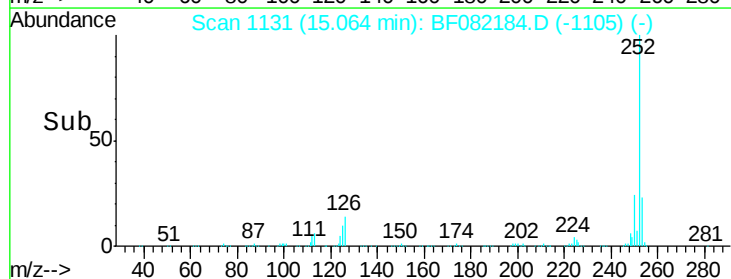
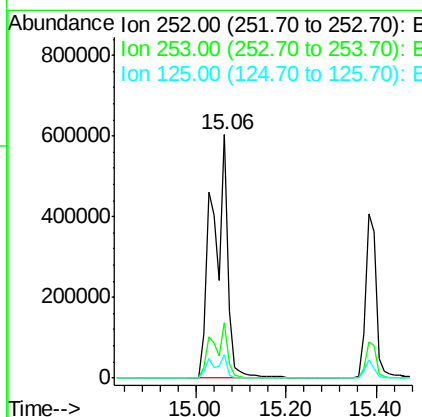
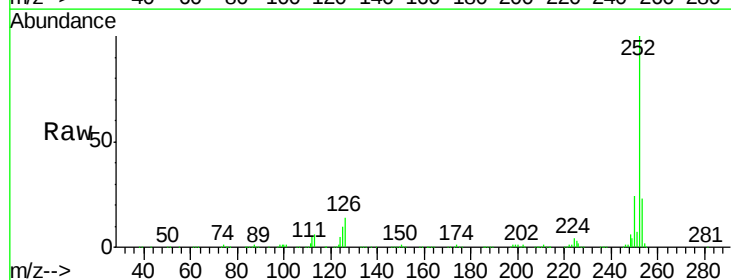
Delta R.T. 0.00 min

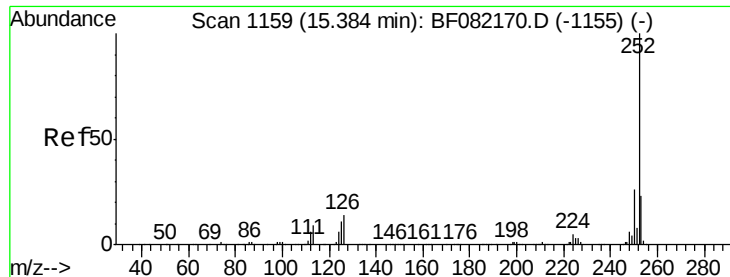
Lab File: BF082184.D

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

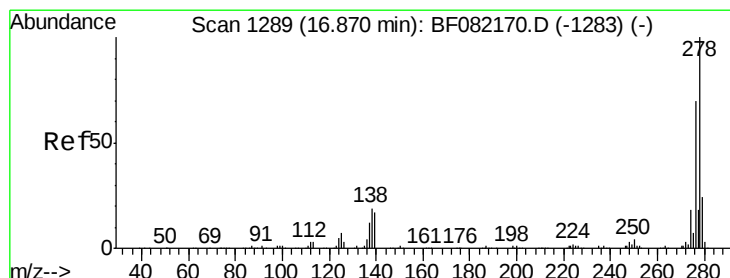
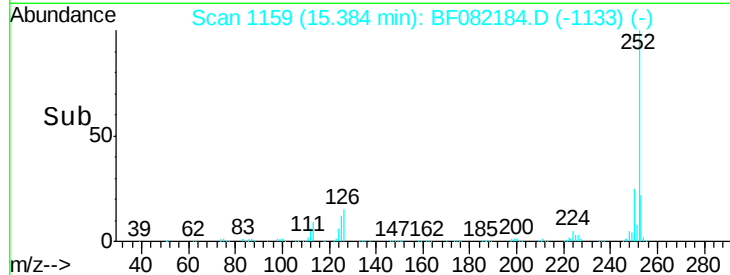
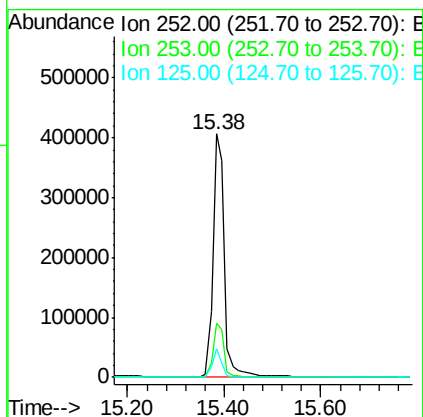
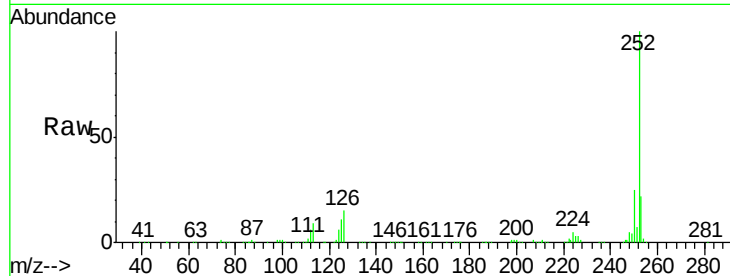




#89
Benzo(a)pyrene
Concen: 49.28 ng
RT: 15.38 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

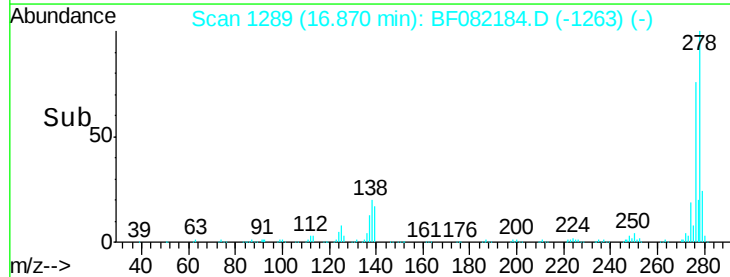
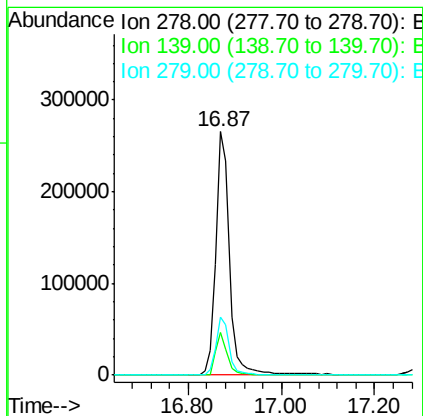
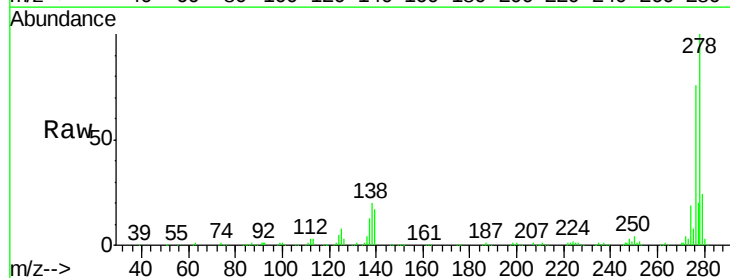
Instrument :
BNA_F
ClientSampleId :
A13COMPMS

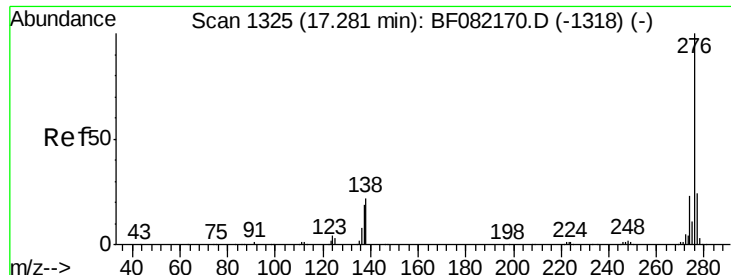
Tot Ion:252 Resp: 675998
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 11.5 8.9 13.3



#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

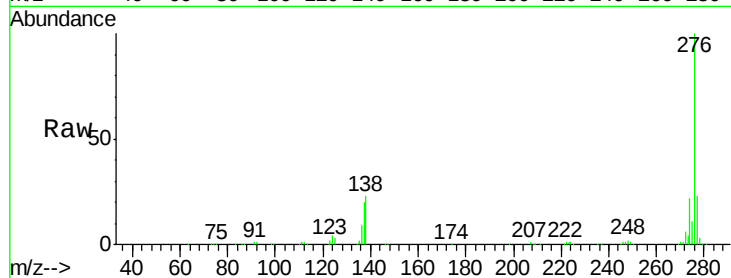




#91
 Benzo(a,h,i)perylene
 Concen: 48.59 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	22.7	17.4	26.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

