

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080215\
 Data File : BF080804.D
 Acq On : 2 Aug 2015 12:23
 Operator : TP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 08:11:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	245062	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	911460	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	375418	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	702114	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	542247	20.00	ng	-0.01
86) Perylene-d12	15.40	264	578327	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	976511	68.36	ng	-0.01
7) Phenol-d6	6.48	99	1335058	68.65	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1143885	60.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	291574	74.85	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1717067	68.23	ng	-0.02
78) Terphenyl-d14	12.93	244	1766545	61.61	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.46	88	290903	41.29	ng	95
3) Pyridine	3.18	79	787965	40.31	ng	95
4) n-Nitrosodimethylamine	3.14	42	436595	39.07	ng	90
6) Aniline	6.50	93	953043	34.04	ng	93
8) 2-Chlorophenol	6.62	128	561618	35.07	ng	92
9) Benzaldehyde	6.38	77	409073	32.79	ng	90
10) Phenol	6.49	94	758238	33.69	ng	88
11) bis(2-Chloroethyl)ether	6.58	93	555919	34.58	ng	93
12) 1,3-Dichlorobenzene	6.85	146	637201	35.75	ng	97
13) 1,4-Dichlorobenzene	6.85	146	637201	35.04	ng	96
14) 1,2-Dichlorobenzene	7.01	146	637042	38.32	ng	93
15) Benzyl Alcohol	6.98	79	503138	31.15	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1171903	34.12	ng	95
17) 2-Methylphenol	7.09	107	477992	36.37	ng	98
18) Hexachloroethane	7.36	117	238096	35.08	ng	# 73
19) n-Nitroso-di-n-propylamine	7.26	70	440327	33.62	ng	# 89
20) 3+4-Methylphenols	7.25	107	571338	35.23	ng	91
22) Acetophenone	7.25	105	707929	32.18	ng	# 89
24) Nitrobenzene	7.42	77	684821	36.32	ng	93
25) Isophorone	7.66	82	1187002	35.46	ng	98
26) 2-Nitrophenol	7.73	139	290744	37.98	ng	# 87
27) 2,4-Dimethylphenol	7.78	122	576854	40.12	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	692761	34.94	ng	99
29) 2,4-Dichlorophenol	7.98	162	477033	37.32	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	532035	38.17	ng	97
31) Naphthalene	8.14	128	1703285	37.44	ng	99
32) Benzoic acid	7.90	122	400320	39.76	ng	94
33) 4-Chloroaniline	8.19	127	643638	33.53	ng	# 89
34) Hexachlorobutadiene	8.26	225	317456	35.28	ng	99
35) Caprolactam	8.57	113	136900	35.77	ng	# 88
36) 4-Chloro-3-methylphenol	8.67	107	478288	34.71	ng	99
37) 2-Methylnaphthalene	8.83	142	933761	32.70	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	505615	42.89	ng	98
40) Hexachlorocyclopentadiene	8.99	237	317470	43.77	ng	99

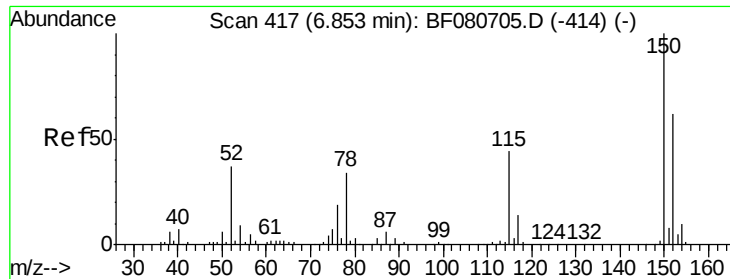
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	327620	39.95	nq	96
43) 2,4,5-Trichlorophenol	9.15	196	357209	43.91	nq	93
45) 1,1'-Biphenyl	9.30	154	1178713	40.95	nq	96
46) 2-Chloronaphthalene	9.32	162	931549	39.62	nq	94
47) 2-Nitroaniline	9.41	65	332687	36.37	nq	# 78
48) Acenaphthylene	9.73	152	1373803	36.75	nq	99
49) Dimethylphthalate	9.61	163	1007764	38.09	nq	# 97
50) 2,6-Dinitrotoluene	9.66	165	243679	43.40	nq	# 63
51) Acenaphthene	9.90	154	839975	36.83	nq	100
52) 3-Nitroaniline	9.82	138	226272	34.92	nq	# 58
53) 2,4-Dinitrophenol	9.93	184	127782	42.73	nq	# 79
54) Dibenzofuran	10.08	168	1082632	35.49	nq	98
55) 4-Nitrophenol	9.98	139	208603	43.70	nq	# 77
56) 2,4-Dinitrotoluene	10.06	165	305187	41.45	nq	# 69
57) Fluorene	10.42	166	821623	34.70	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	234333	38.20	nq	98
59) Diethylphthalate	10.30	149	972354	38.13	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	431600	42.04	nq	# 78
61) 4-Nitroaniline	10.44	138	270440	46.23	nq	88
62) Azobenzene	10.57	77	1133401	41.03	nq	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	158510	37.49	nq	# 81
65) n-Nitrosodiphenylamine	10.53	169	832984	36.19	nq	97
66) 4-Bromophenyl-phenylether	10.90	248	252052	34.78	nq	# 83
67) Hexachlorobenzene	10.97	284	314831	37.57	nq	# 79
68) Atrazine	11.06	200	189420	30.34	nq	97
69) Pentachlorophenol	11.16	266	196341	38.72	nq	97
70) Phenanthrene	11.38	178	1275289	36.05	nq	100
71) Anthracene	11.42	178	1265300	36.40	nq	99
72) Carbazole	11.58	167	1170165	38.79	nq	99
73) Di-n-butylphthalate	11.92	149	1416503	37.87	nq	100
74) Fluoranthene	12.56	202	1356371	39.66	nq	95
76) Benzidine	12.68	184	651265	32.99	nq	99
77) Pyrene	12.79	202	1390166	33.06	nq	100
79) Butylbenzylphthalate	13.41	149	605760	35.10	nq	# 84
80) Benzo(a)anthracene	13.97	228	1147938	35.20	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	444679	39.95	nq	97
82) Chrysene	14.01	228	1129241	35.67	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	753617	36.00	nq	# 95
84) Di-n-octyl phthalate	14.59	149	1460403	41.60	nq	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	1257494	44.11	nq	# 85
87) Benzo(b)fluoranthene	15.03	252	2278164	65.95	nq	# 98
88) Benzo(k)fluoranthene	15.03	252	2278164	80.13	nq	99
89) Benzo(a)pyrene	15.35	252	1090294	38.44	nq	99
90) Dibenzo(a,h)anthracene	16.80	278	1018894	40.13	nq	# 96
91) Benzo(g,h,i)perylene	17.20	276	1002633	40.13	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampled :

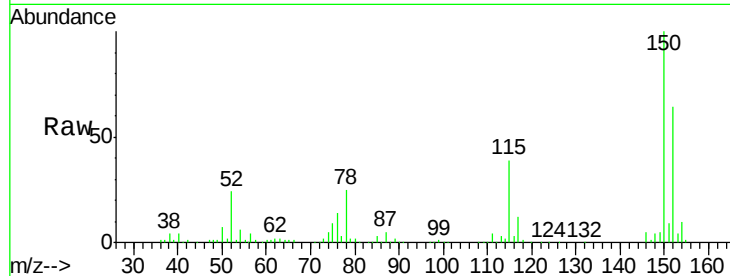
Tot Ion:152 Resp: 245062

Ion Ratio Lower Upper

152 100

150 155.2 129.6 194.4

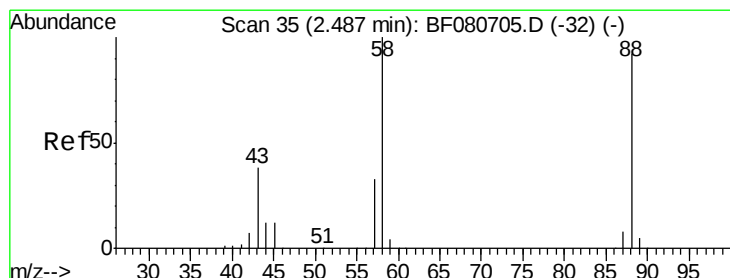
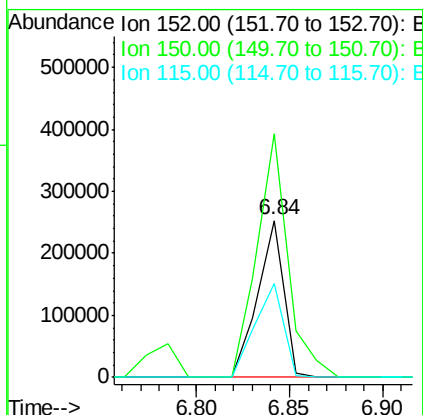
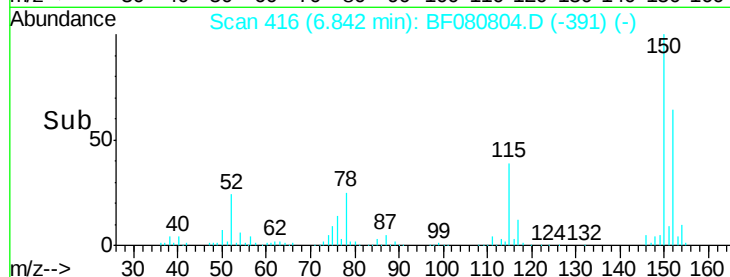
115 60.1 56.6 85.0



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: 41.29 ng

RT: 2.46 min Scan# 33

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

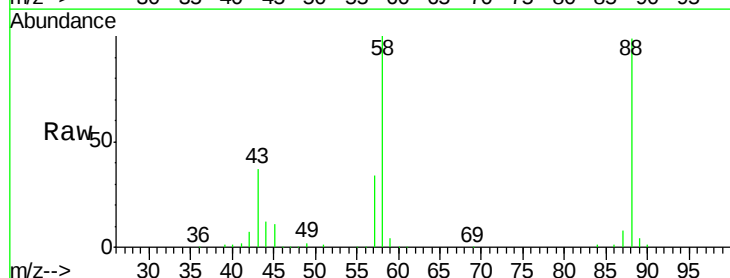
Tgt Ion: 88 Resp: 290903

Ion Ratio Lower Upper

88 100

58 97.4 82.3 123.5

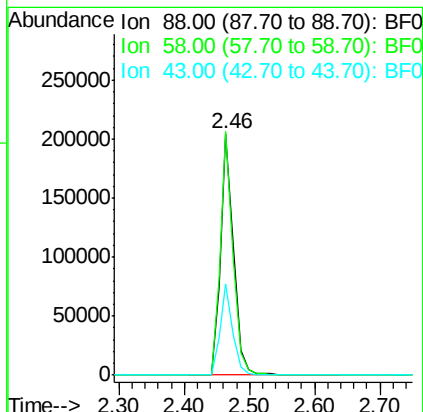
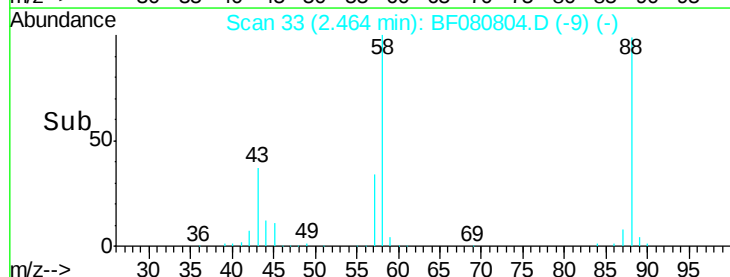
43 36.3 31.7 47.5

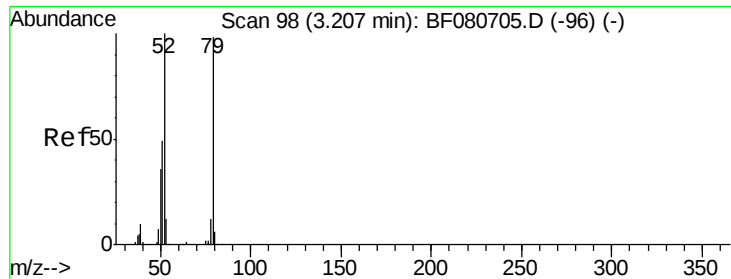


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

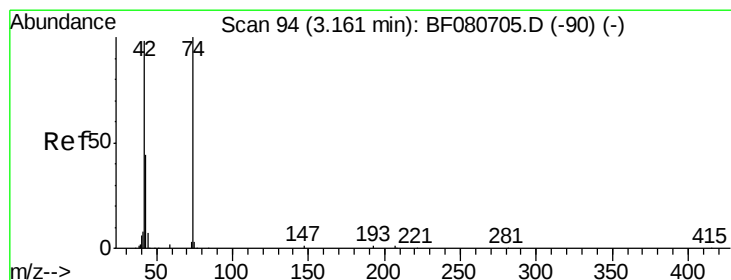
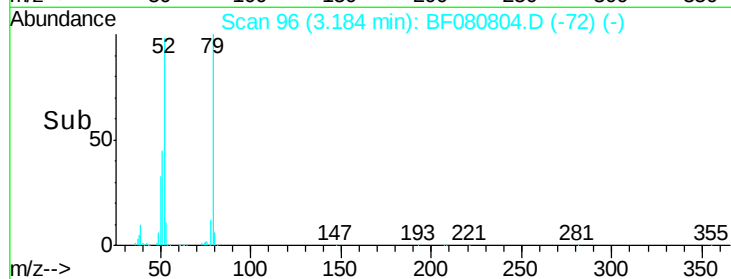
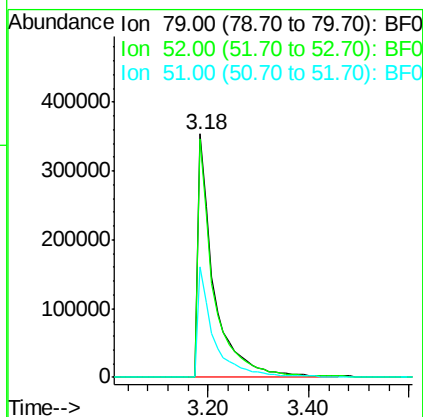
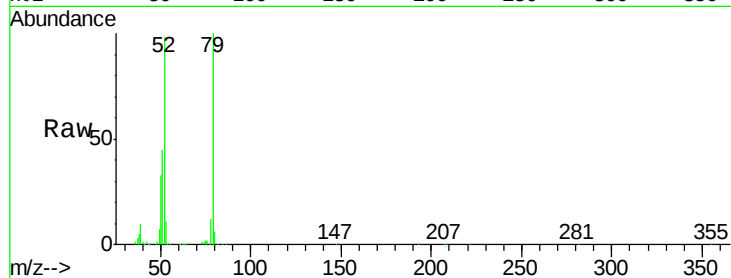




#3
 Pvridine
 Concen: 40.31 ng
 RT: 3.18 min Scan# 96
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

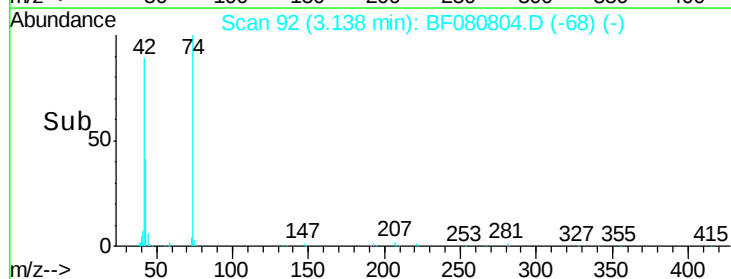
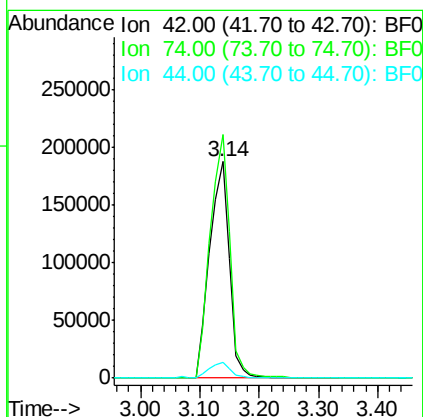
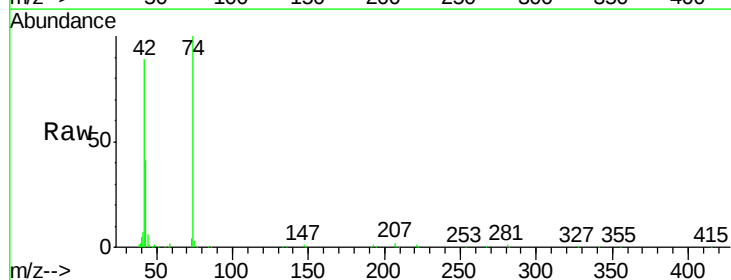
Instrument :
 BNA_F
 ClientSampleId :

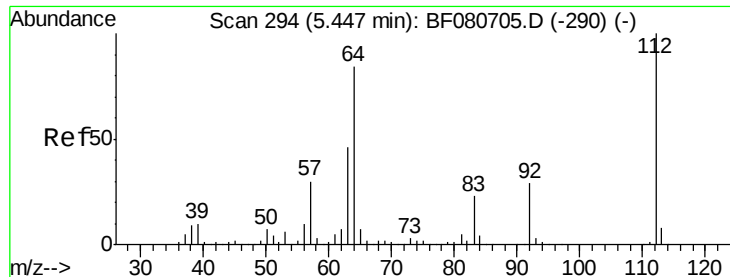
Tot Ion: 79 Resp: 787965
 Ion Ratio Lower Upper
 79 100
 52 98.0 81.6 122.4
 51 45.3 40.2 60.2



#4
 n-Nitrosodimethylamine
 Concen: 39.07 ng
 RT: 3.14 min Scan# 92
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion: 42 Resp: 436595
 Ion Ratio Lower Upper
 42 100
 74 112.4 81.5 122.3
 44 7.2 5.6 8.4





#5

2-Fluorophenol

Concen: 68.36 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

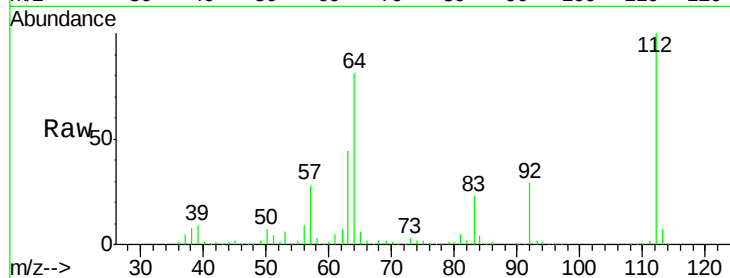
Tot Ion:112 Resp: 976511

Ion Ratio Lower Upper

112 100

64 81.2 66.8 100.2

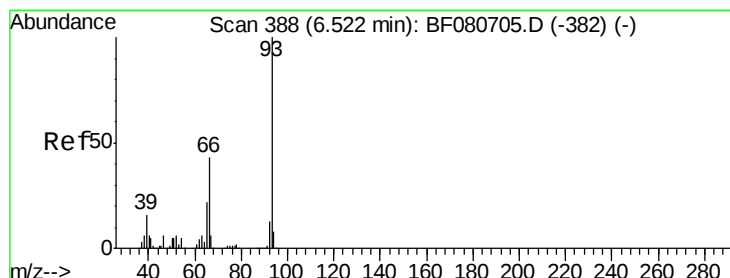
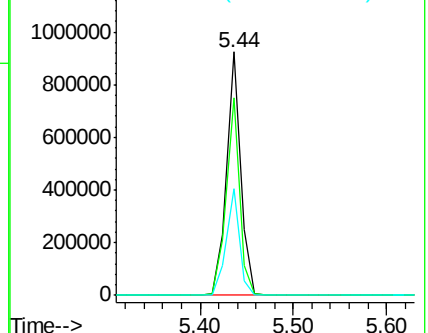
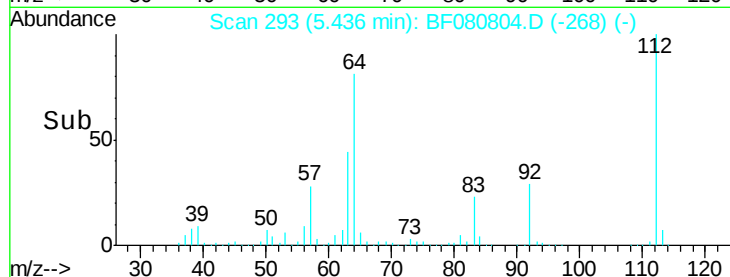
63 43.6 36.7 55.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.04 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

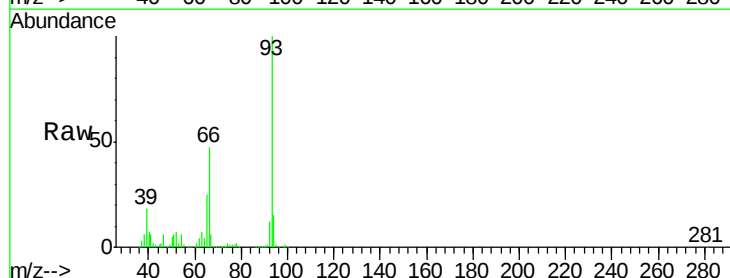
Tgt Ion: 93 Resp: 953043

Ion Ratio Lower Upper

93 100

66 47.4 34.3 51.5

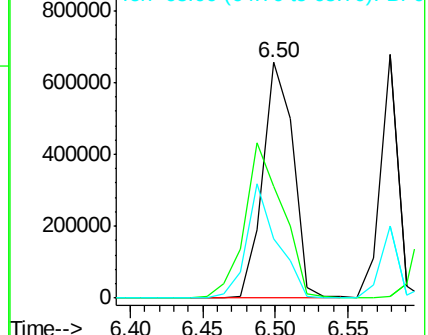
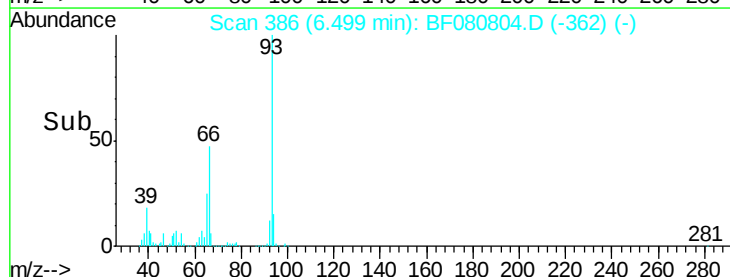
65 25.1 17.6 26.4

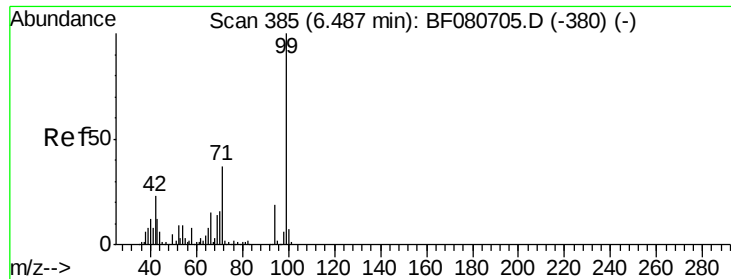


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 68.65 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampled :

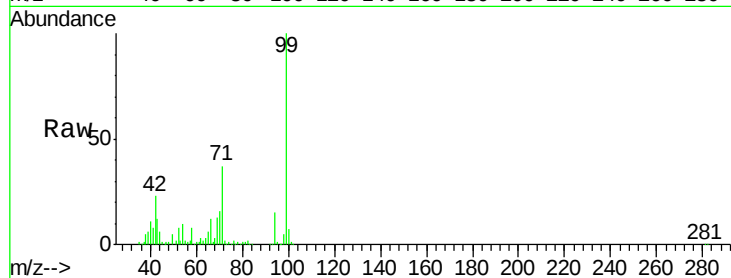
Tot Ion: 99 Resp: 1335058

Ion Ratio Lower Upper

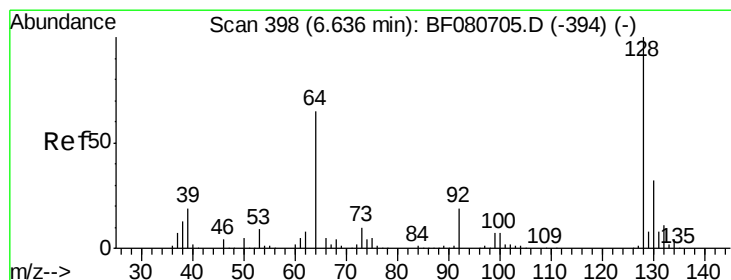
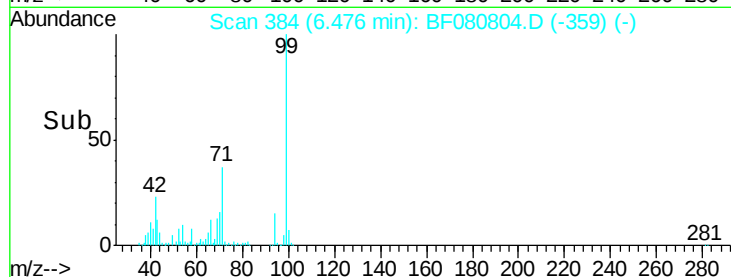
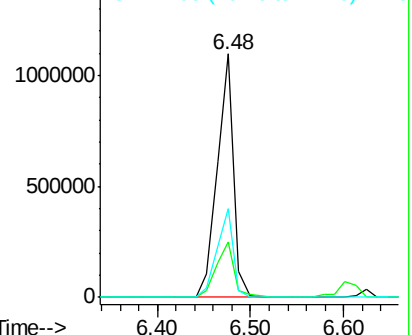
99 100

42 22.8 18.2 27.2

71 36.5 29.5 44.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.07 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

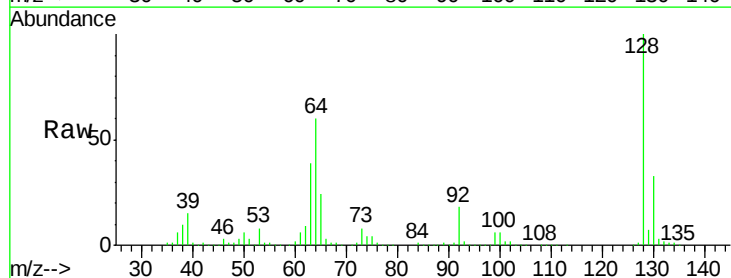
Tgt Ion:128 Resp: 561618

Ion Ratio Lower Upper

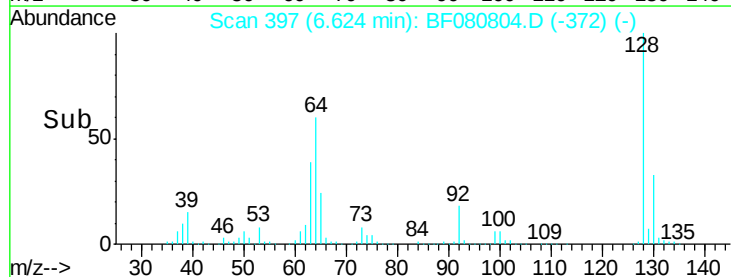
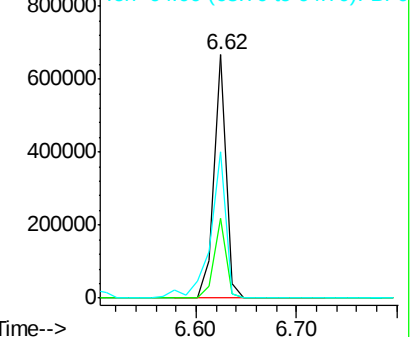
128 100

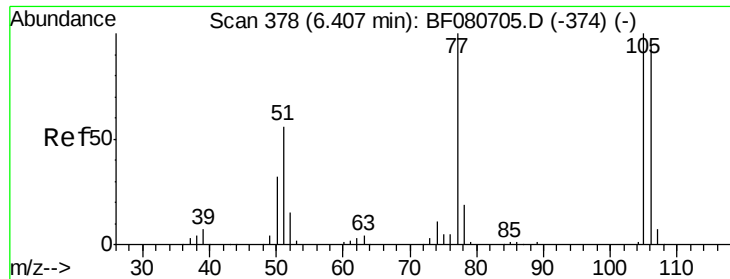
130 32.5 11.7 51.7

64 60.3 48.7 88.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

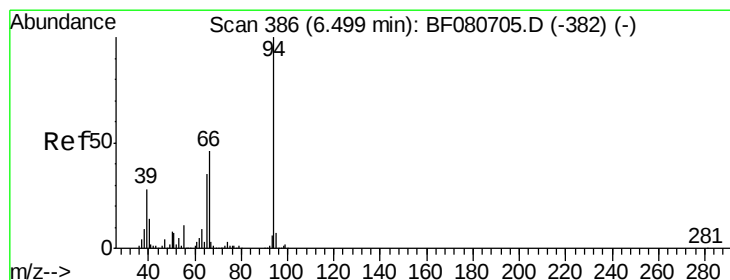
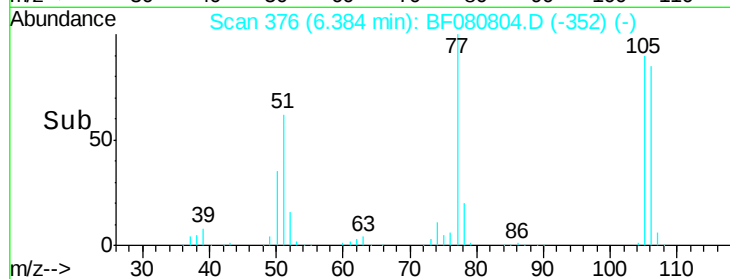
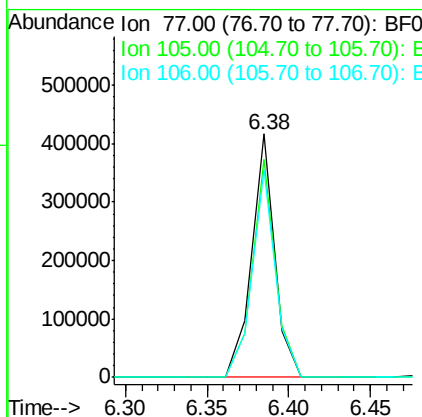
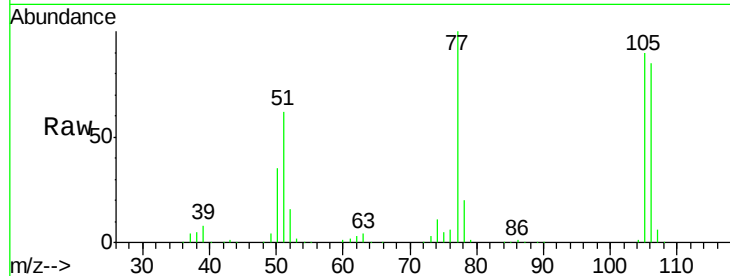




#9
Benzaldehyde
Concen: 32.79 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

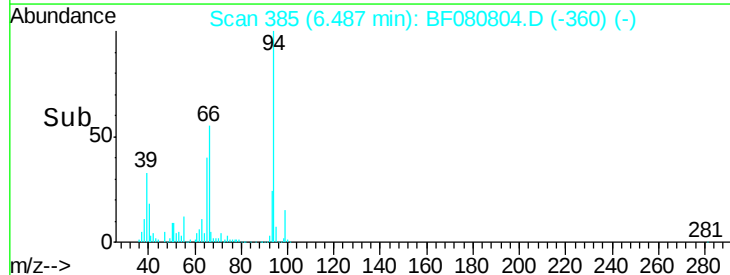
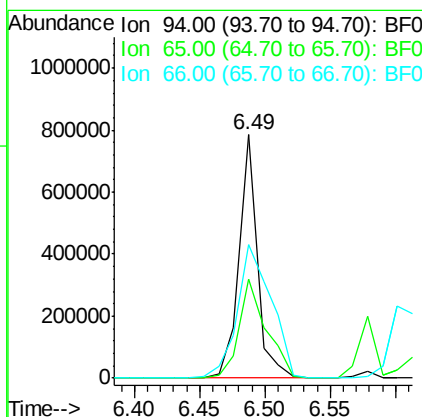
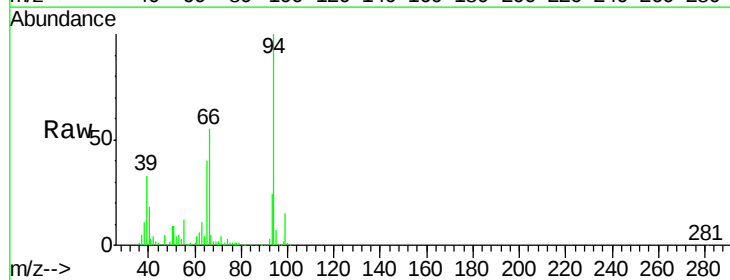
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BNA_F
ClientSampleId :

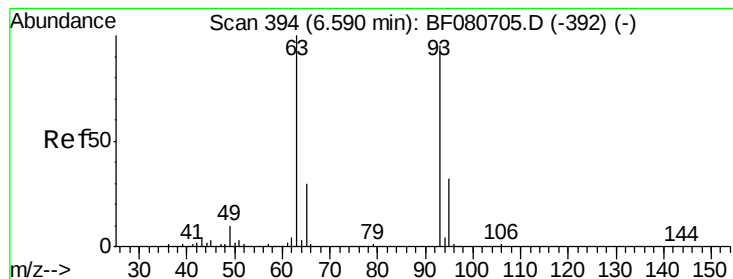
Tot Ion: 77 Resp: 409073
Ion Ratio Lower Upper
77 100
105 89.7 80.2 120.2
106 85.2 74.2 114.2



#10
Phenol
Concen: 33.69 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion: 94 Resp: 758238
Ion Ratio Lower Upper
94 100
65 40.4 14.7 54.7
66 54.9 25.9 65.9

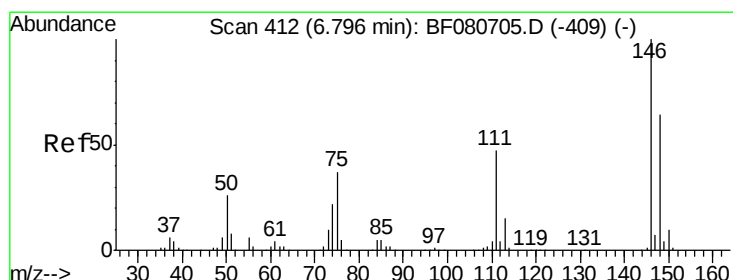
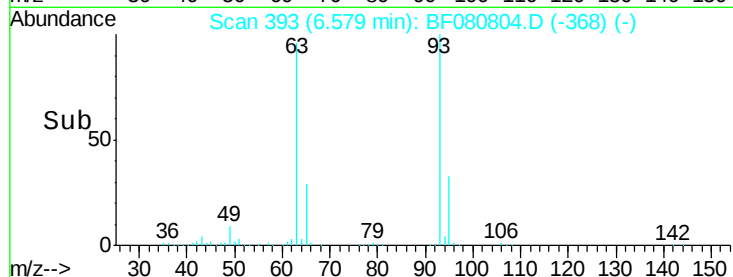
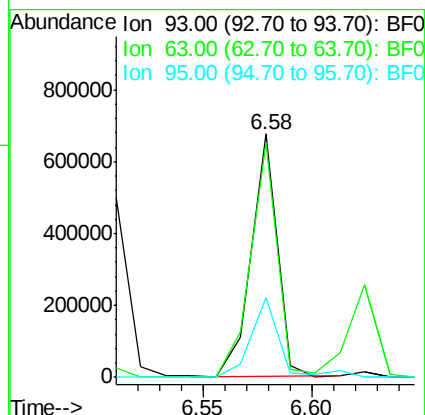
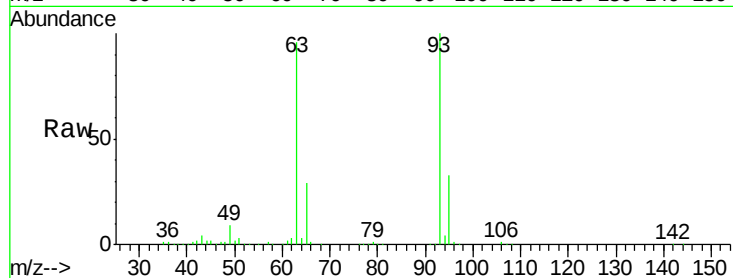




#11
bis(2-Chloroethyl)ether
Concen: 34.58 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

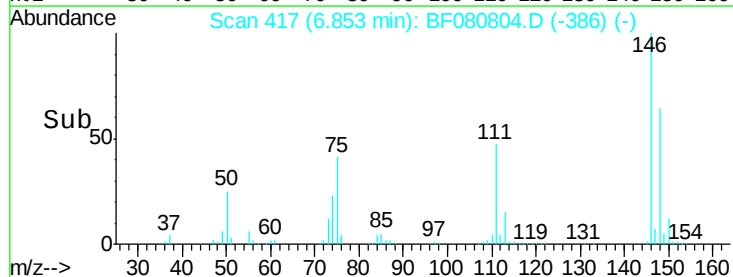
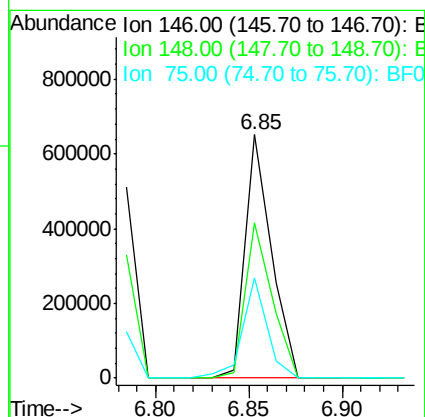
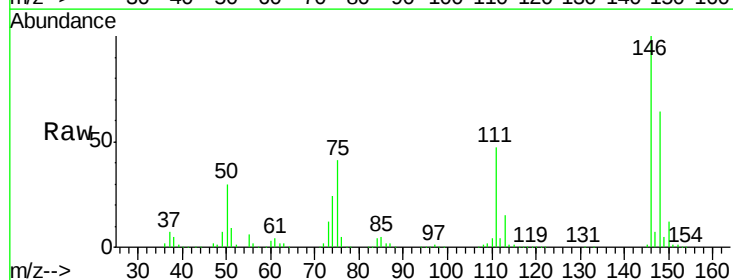
Instrument :
BNA_F
ClientSampleId :

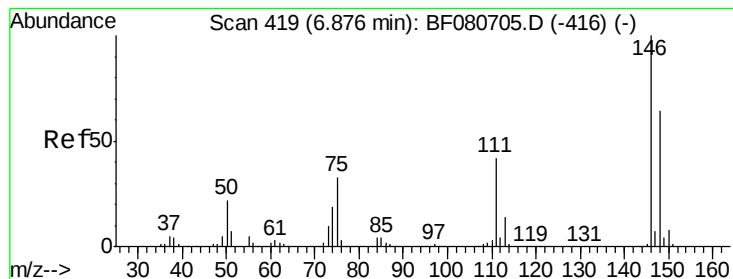
Tot Ion: 93 Resp: 555919
Ion Ratio Lower Upper
93 100
63 96.3 85.3 125.3
95 32.7 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 35.75 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.06 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion: 146 Resp: 637201
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
75 41.4 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 35.04 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

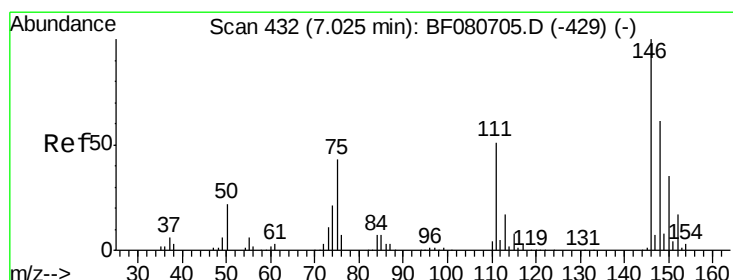
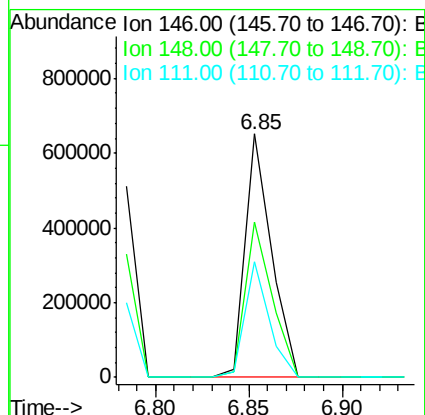
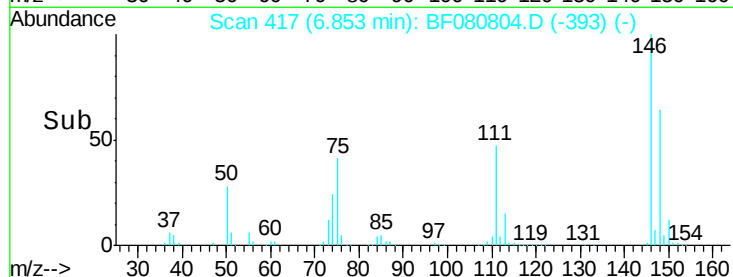
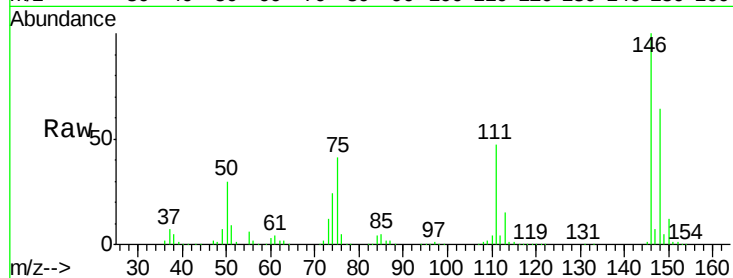
Tot Ion:146 Resp: 637201

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

111 47.3 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 38.32 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

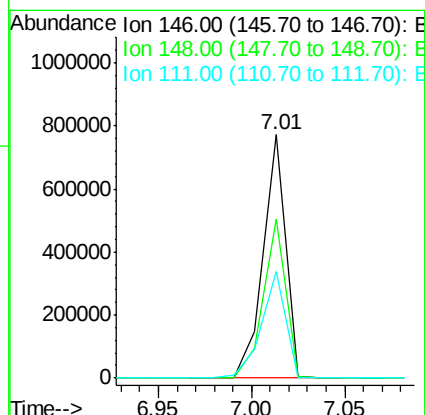
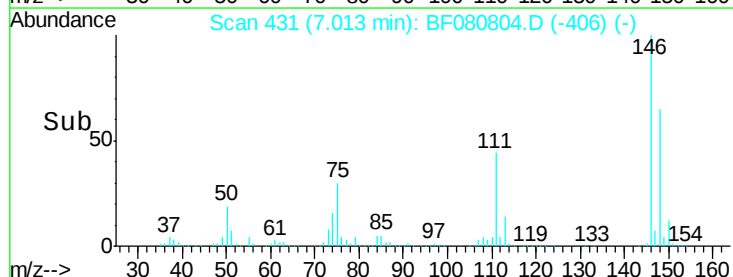
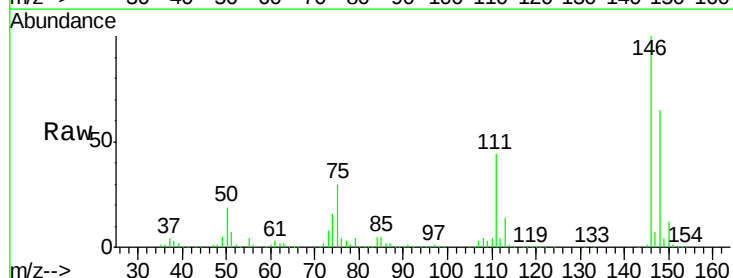
Tgt Ion:146 Resp: 637042

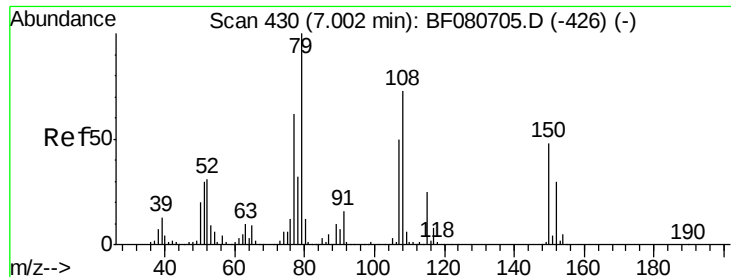
Ion Ratio Lower Upper

146 100

148 65.1 49.2 73.8

111 43.8 41.0 61.4





#15

Benzyl Alcohol

Concen: 31.15 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampled :

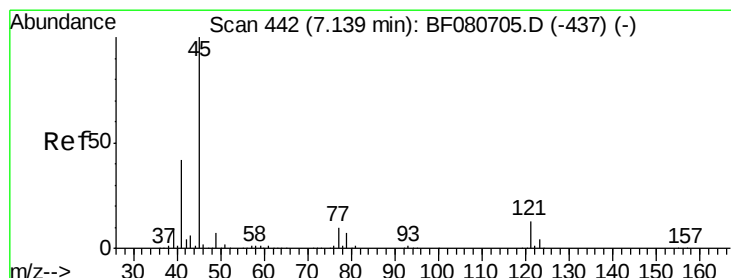
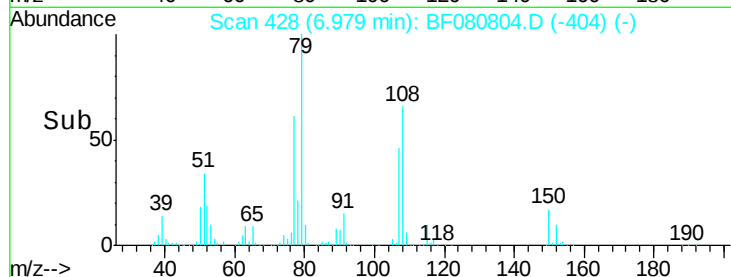
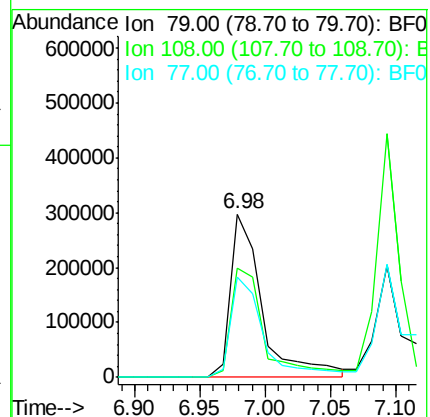
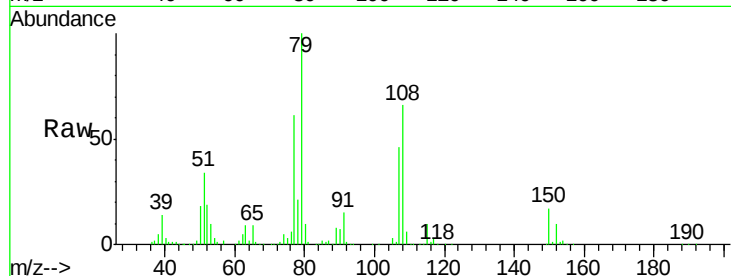
Tot Ion: 79 Resp: 503138

Ion Ratio Lower Upper

79 100

108 66.4 58.7 88.1

77 61.3 49.8 74.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.12 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

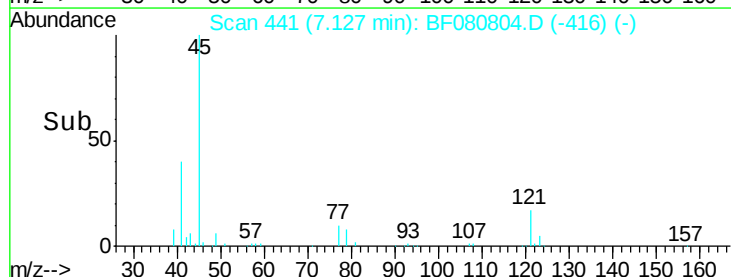
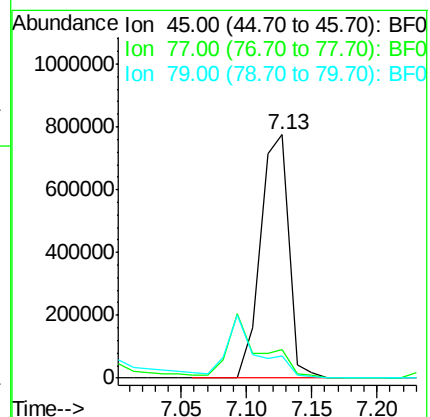
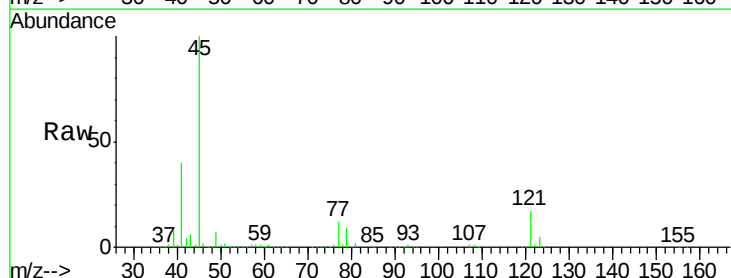
Tgt Ion: 45 Resp: 1171903

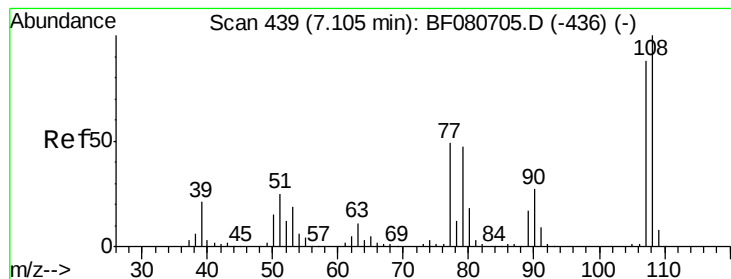
Ion Ratio Lower Upper

45 100

77 11.8 0.0 29.9

79 9.4 0.0 27.4

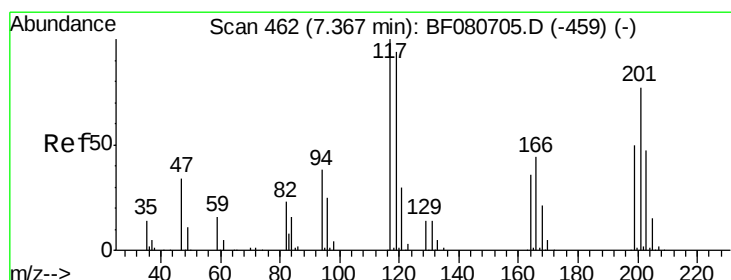
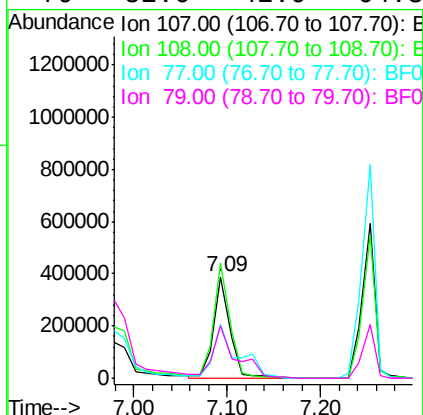
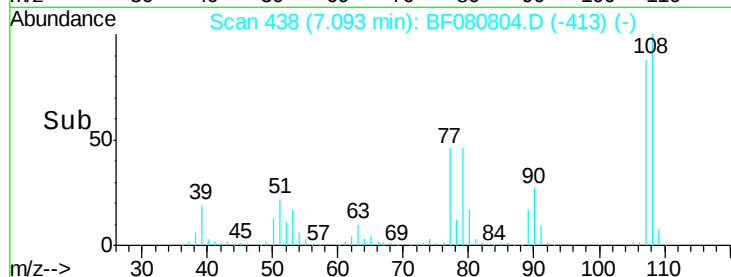
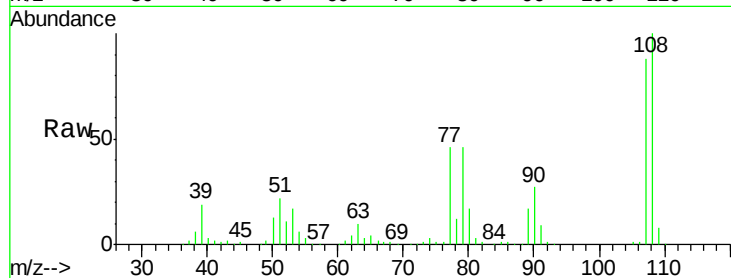




#17
2-Methylphenol
Concen: 36.37 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

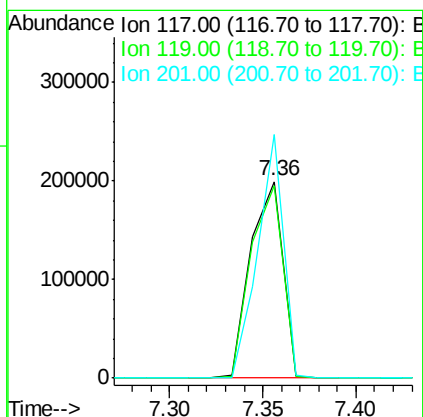
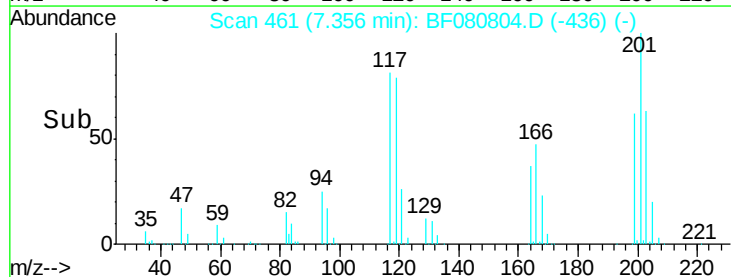
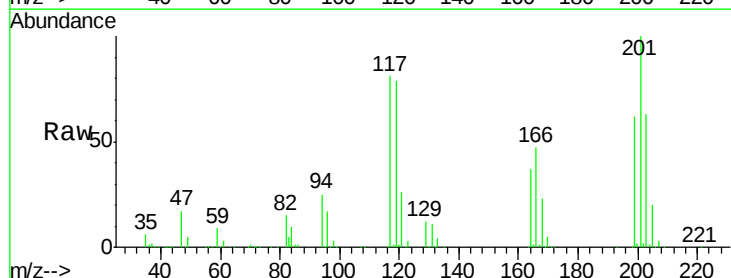
Instrument :
BNA_F
ClientSampleId :

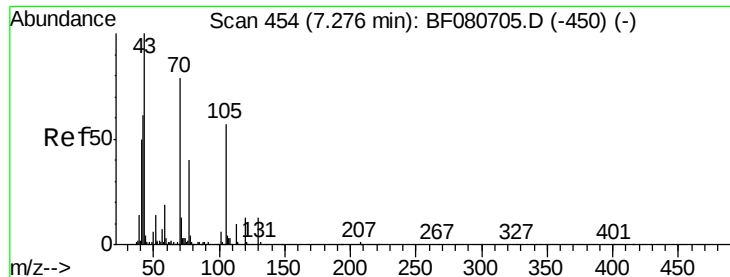
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.8	136.2
77	52.8	44.6	67.0
79	52.0	42.9	64.3



#18
Hexachloroethane
Concen: 35.08 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	74.9	112.3
201	123.7	61.5	92.3#

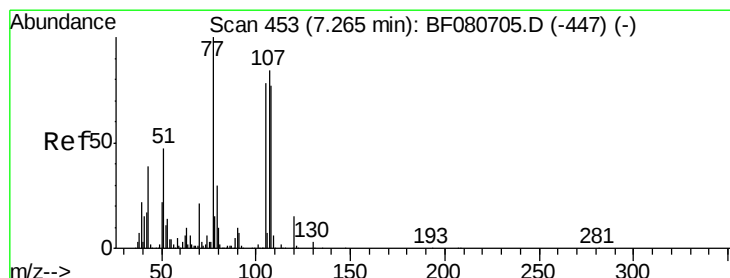
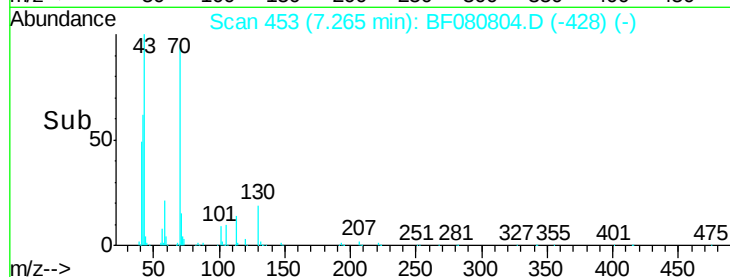
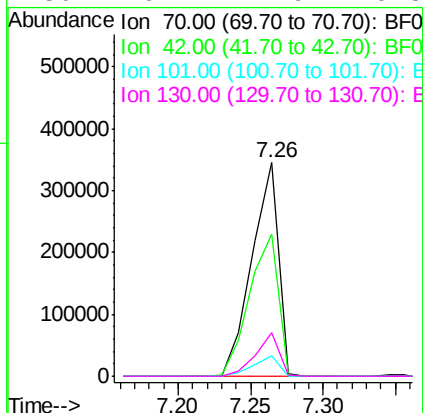
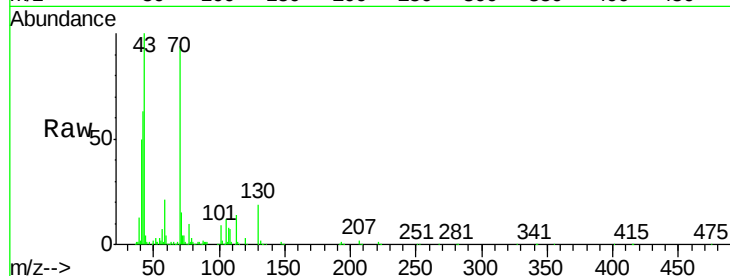




#19
n-Nitroso-di-n-propylamine
Concen: 33.62 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

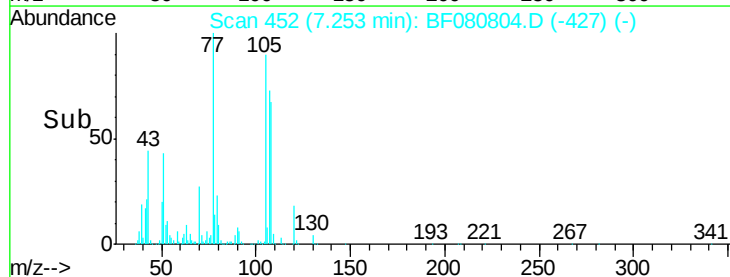
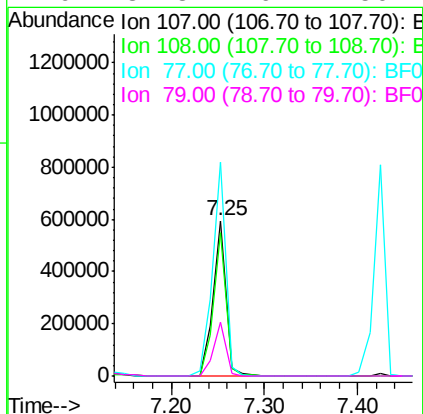
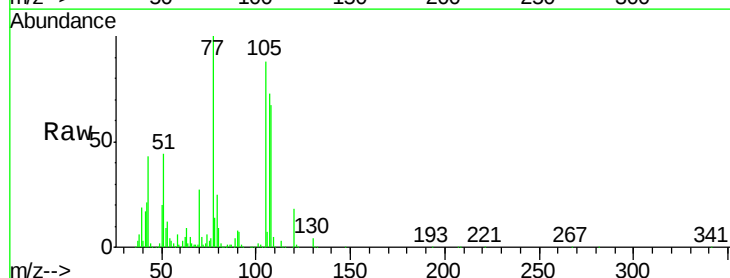
Instrument :
BNA_F
ClientSampleId :

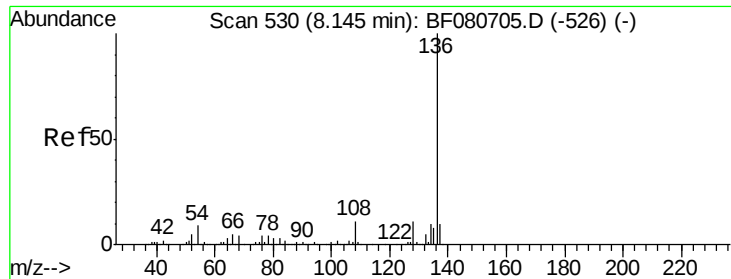
Tot Ion: 70 Resp: 440327
Ion Ratio Lower Upper
70 100
42 66.5 61.8 92.6
101 9.6 6.1 9.1#
130 20.4 12.9 19.3#



#20
3+4-Methylphenols
Concen: 35.23 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion:107 Resp: 571338
Ion Ratio Lower Upper
107 100
108 92.8 71.8 111.8
77 137.7 99.8 139.8
79 34.8 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 911460

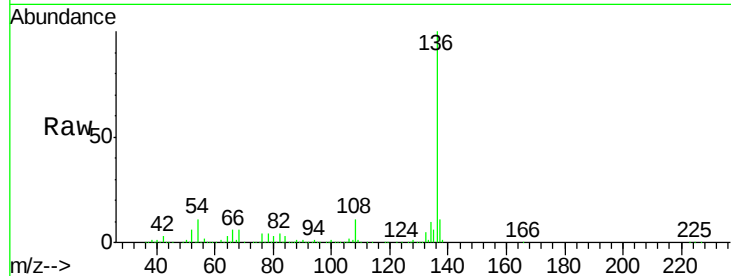
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.5 6.9 10.3#

68 6.4 3.5 5.3#

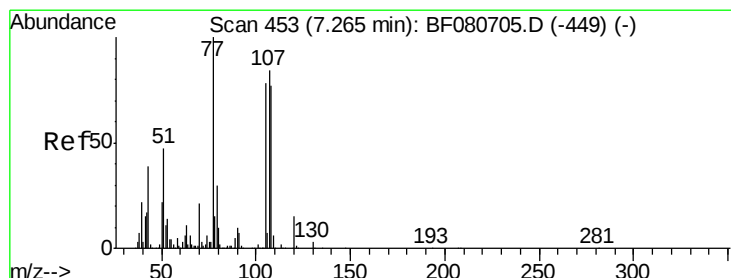
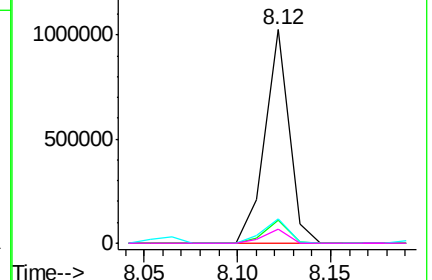
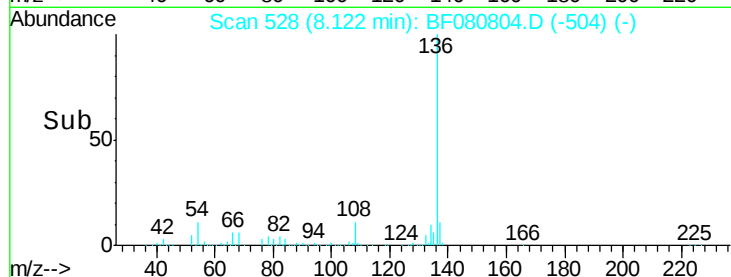


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.18 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion:105 Resp: 707929

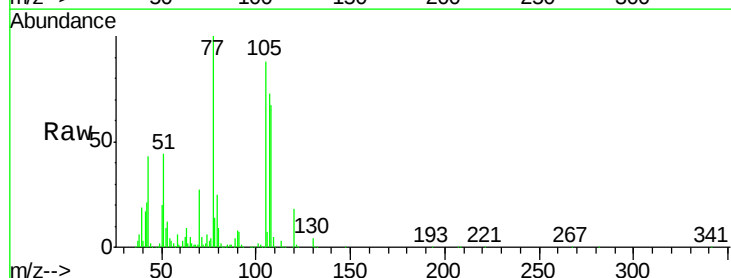
Ion Ratio Lower Upper

105 100

71 5.2 3.4 5.0#

51 49.7 47.9 71.9

120 20.3 15.0 22.6

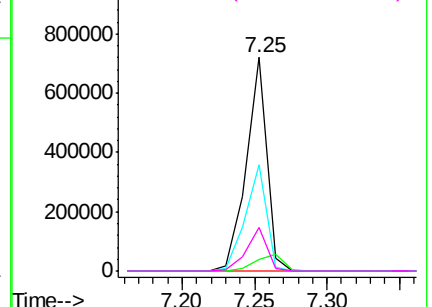
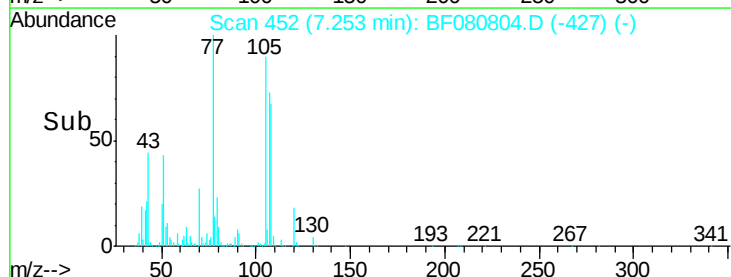


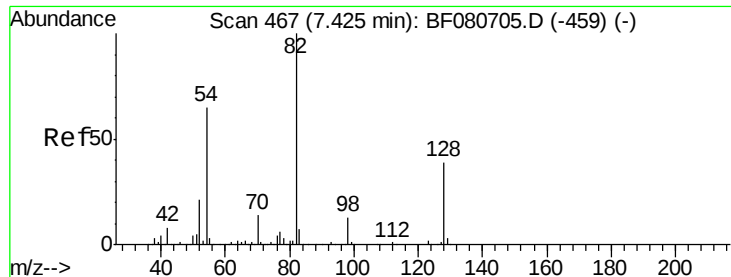
Abundance Ion 105.00 (104.70 to 105.70): E

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

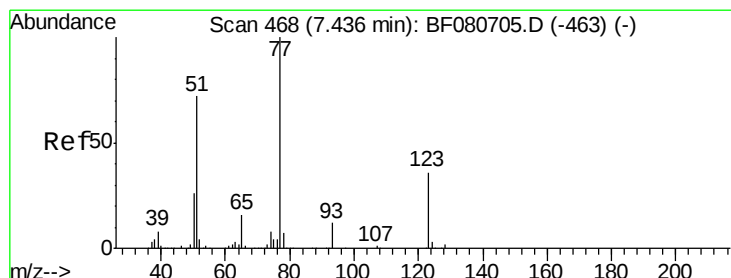
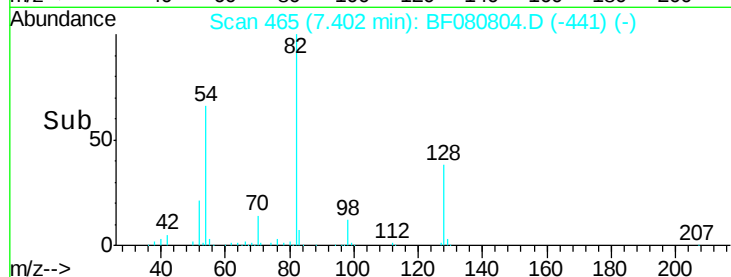
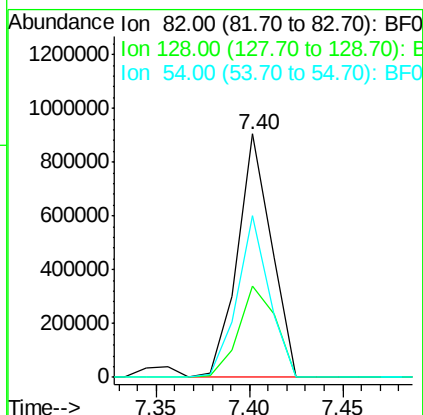
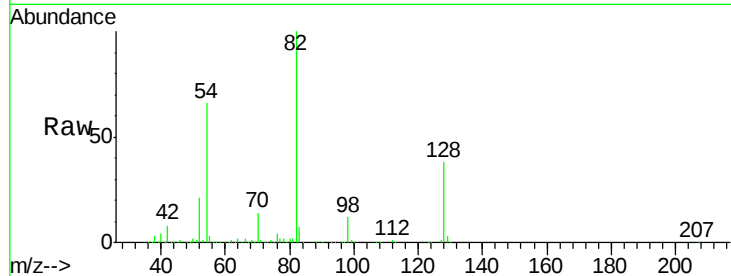




#23
 Nitrobenzene-d5
 Concen: 60.77 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

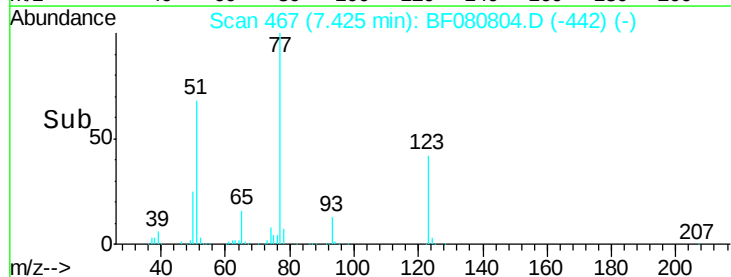
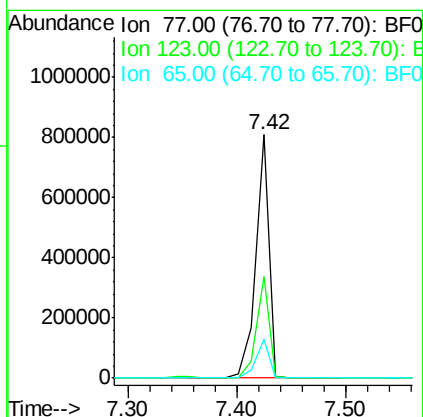
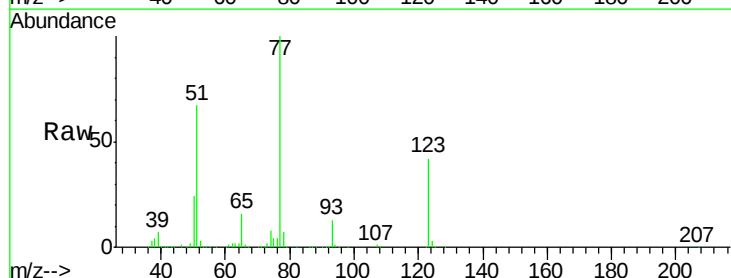
Instrument :
 BNA_F
 ClientSampleId :

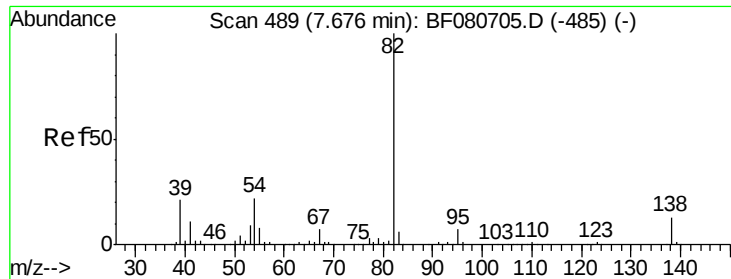
Tot Ion: 82 Resp: 1143885
 Ion Ratio Lower Upper
 82 100
 128 37.5 31.5 47.3
 54 66.2 51.8 77.8



#24
 Nitrobenzene
 Concen: 36.32 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion: 77 Resp: 684821
 Ion Ratio Lower Upper
 77 100
 123 41.7 28.9 43.3
 65 15.9 13.0 19.4





#25

Isophorone

Concen: 35.46 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

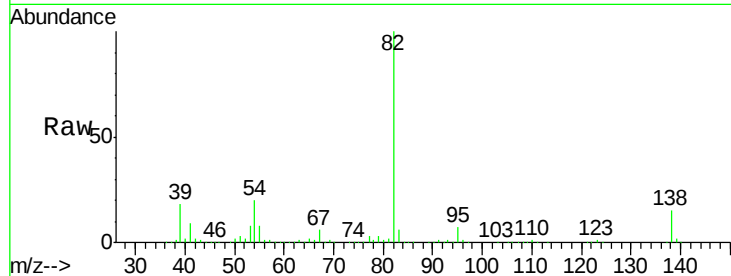
Tot Ion: 82 Resp: 1187002

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

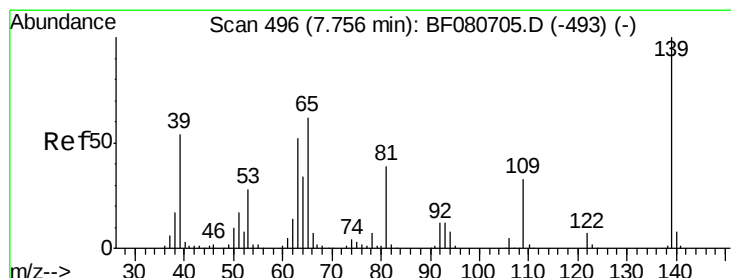
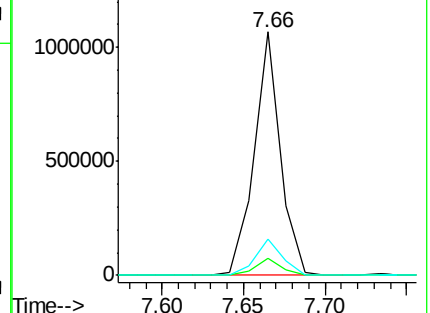
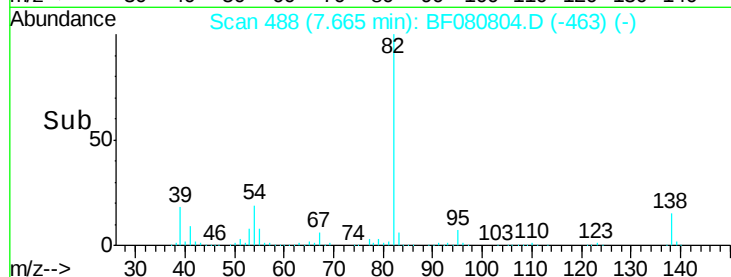
138 14.7 10.7 16.1



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: 37.98 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

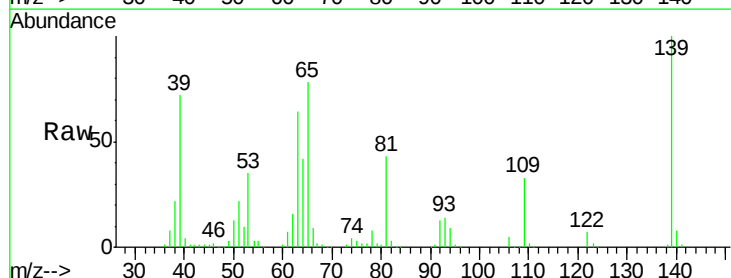
Tgt Ion: 139 Resp: 290744

Ion Ratio Lower Upper

139 100

109 32.5 26.5 39.7

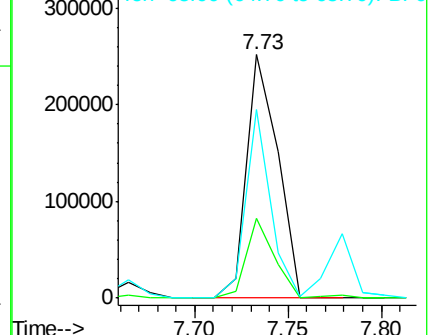
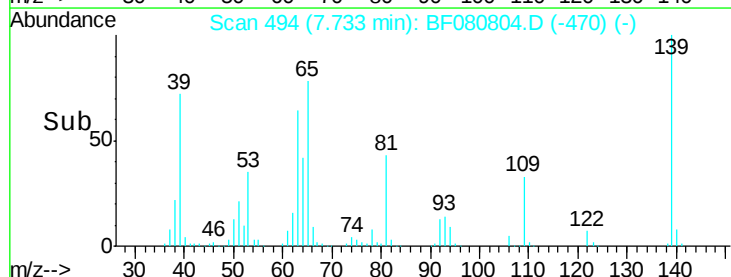
65 77.5 49.8 74.8#

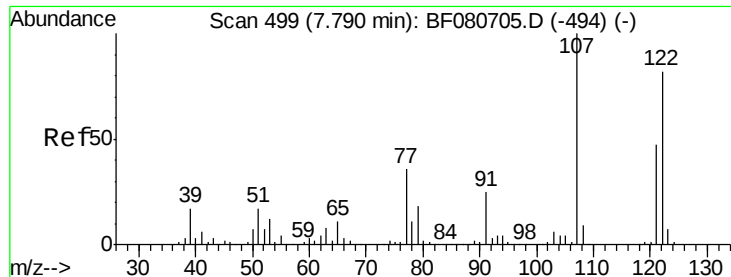


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

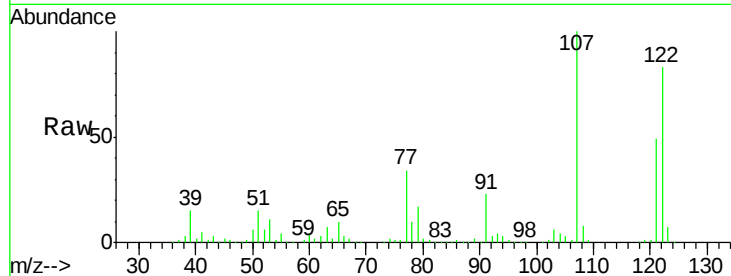




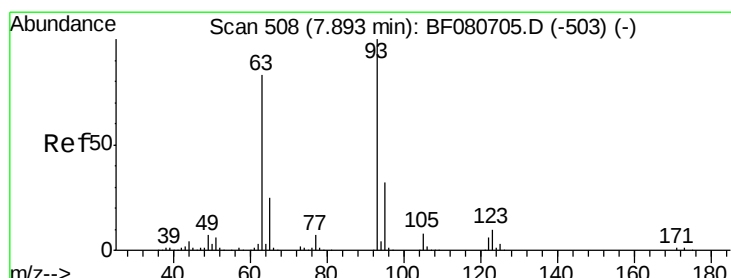
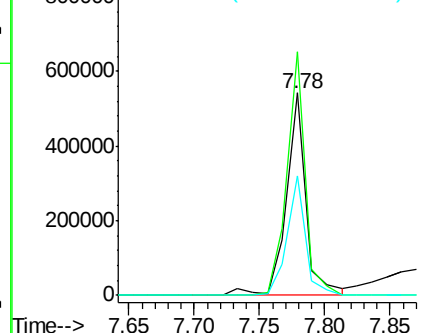
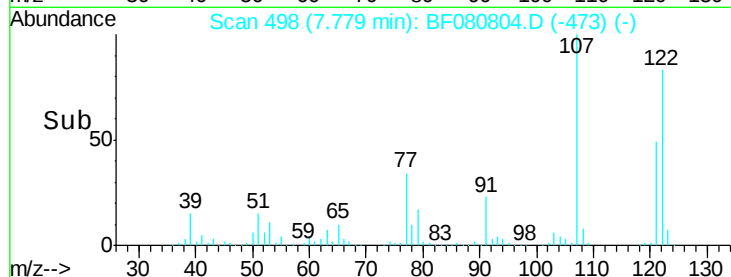
#27
 2,4-Dimethylphenol
 Concen: 40.12 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 576854
 Ion Ratio Lower Upper
 122 100
 107 120.3 98.1 147.1
 121 59.0 45.8 68.8

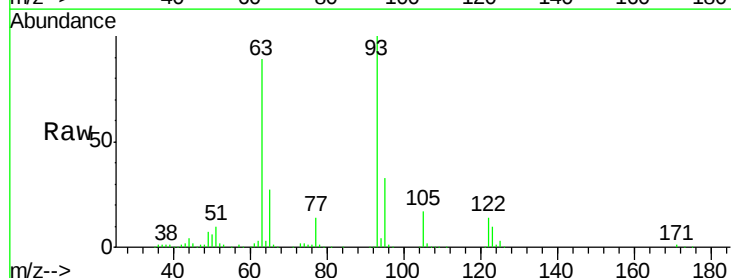


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

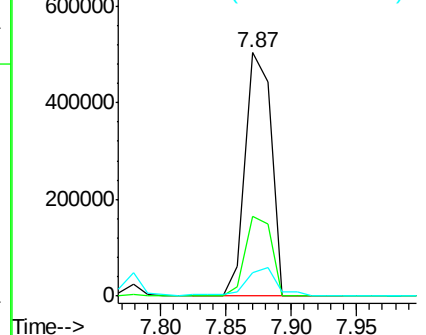
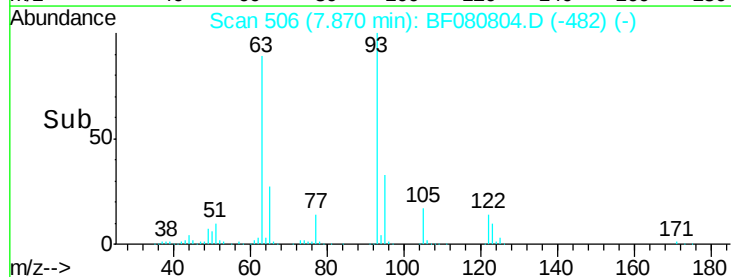


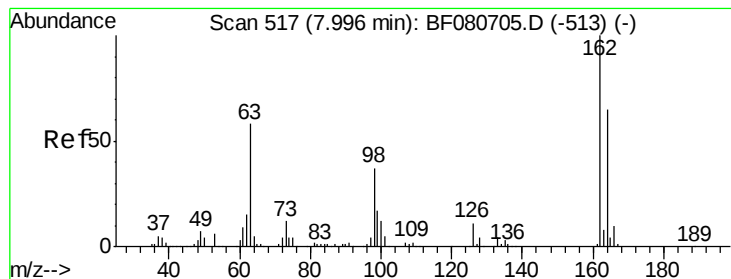
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.94 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion: 93 Resp: 692761
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 9.9 8.2 12.4



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: 37.32 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampled :

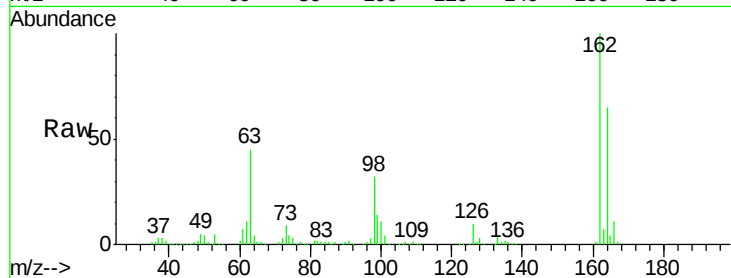
Tot Ion:162 Resp: 477033

Ion Ratio Lower Upper

162 100

164 65.3 45.1 85.1

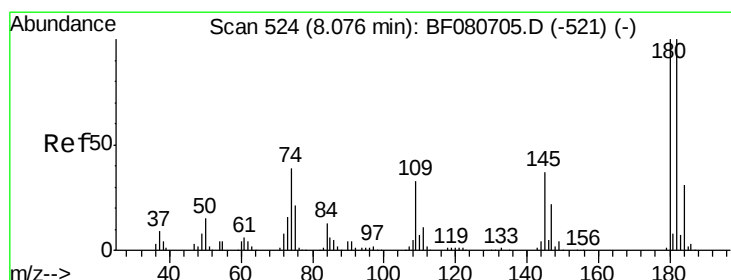
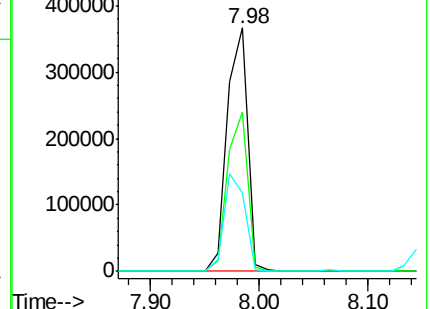
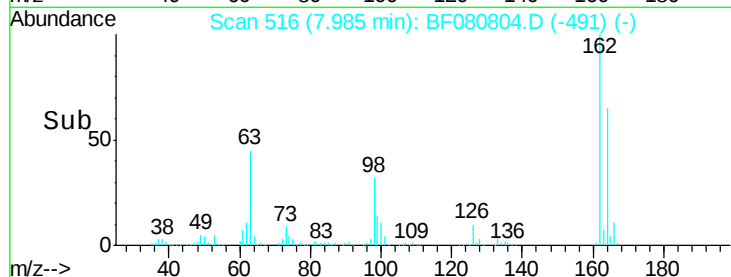
98 32.1 17.0 57.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.17 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

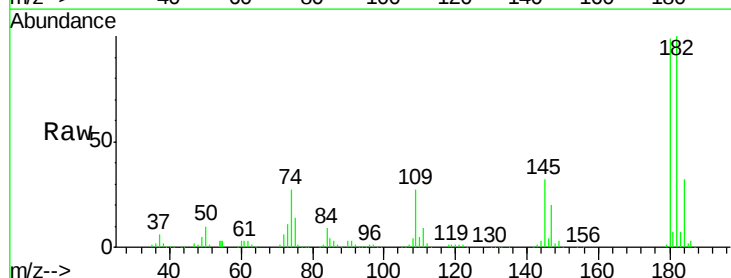
Tgt Ion:180 Resp: 532035

Ion Ratio Lower Upper

180 100

182 101.5 79.8 119.8

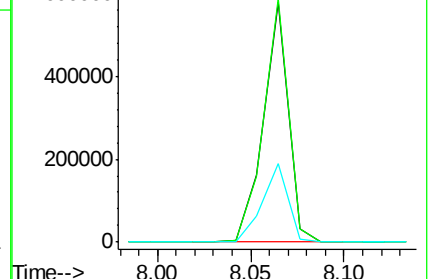
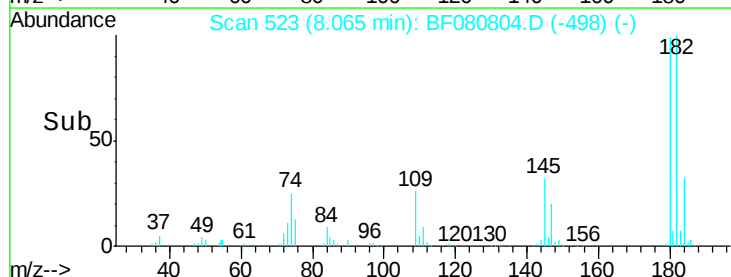
145 32.5 29.8 44.6

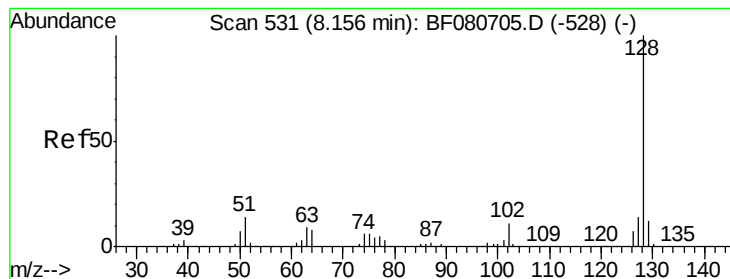


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.44 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

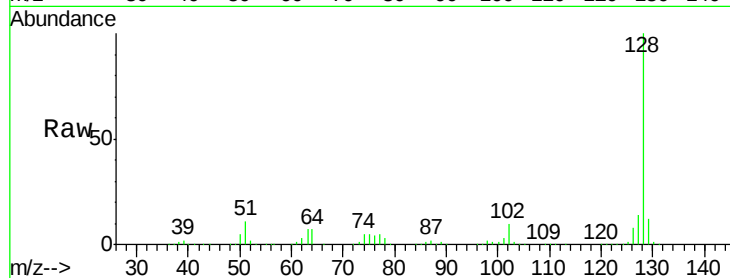
Tot Ion:128 Resp: 1703285

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

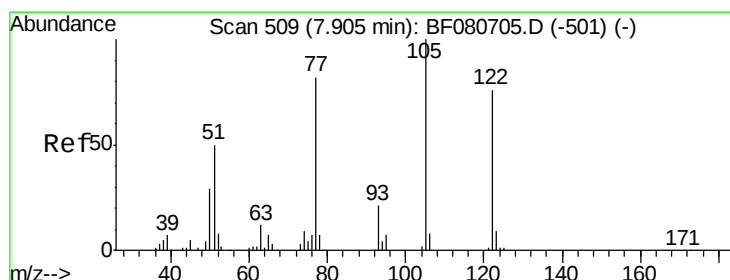
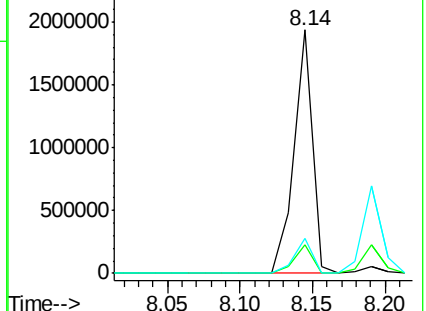
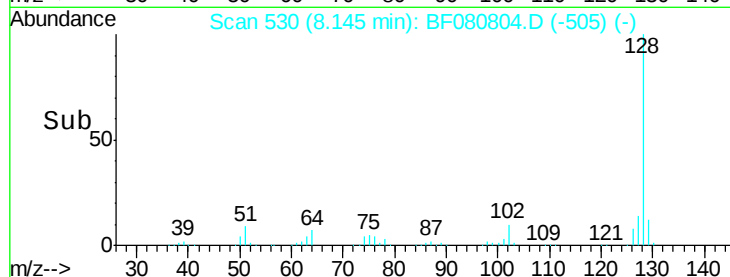
127 14.3 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.76 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

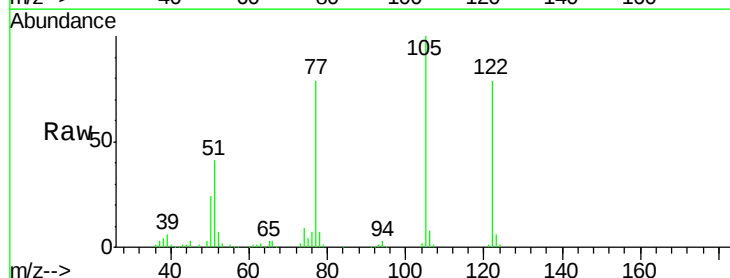
Tgt Ion:122 Resp: 400320

Ion Ratio Lower Upper

122 100

105 126.1 111.3 151.3

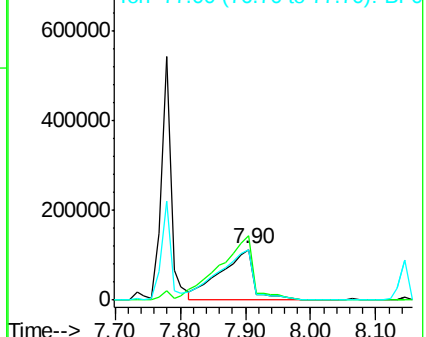
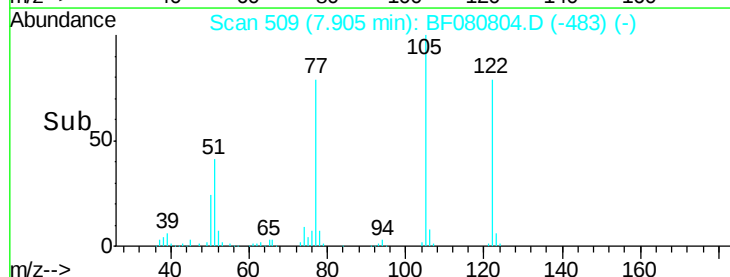
77 99.3 88.1 128.1

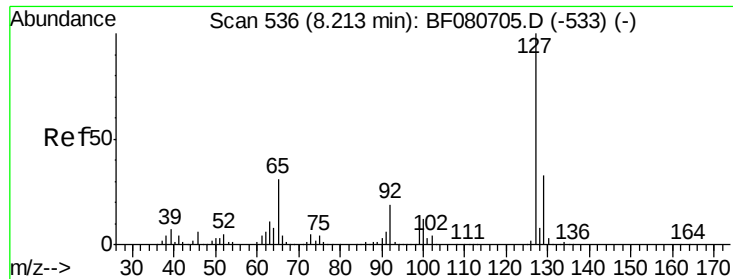


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

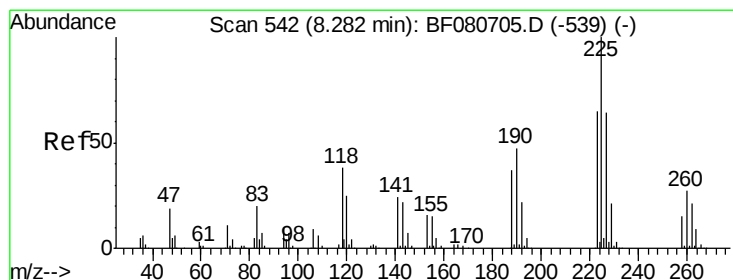
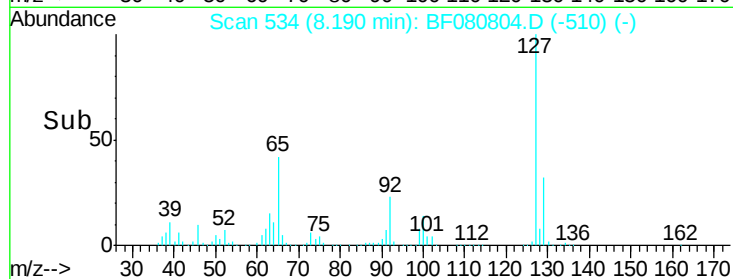
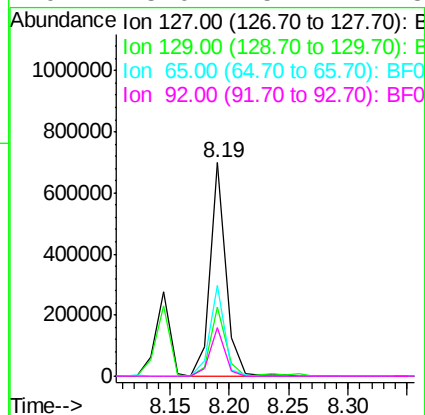
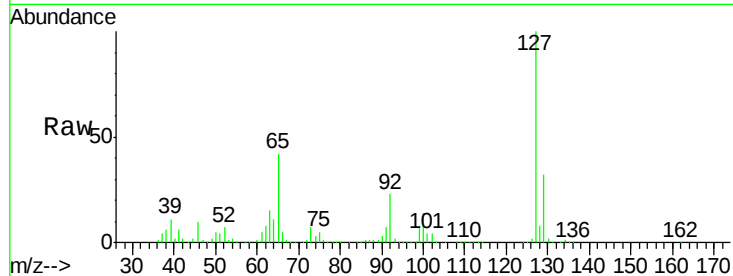




#33
4-Chloroaniline
Concen: 33.53 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

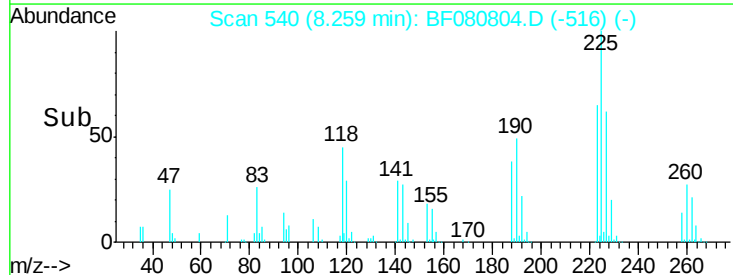
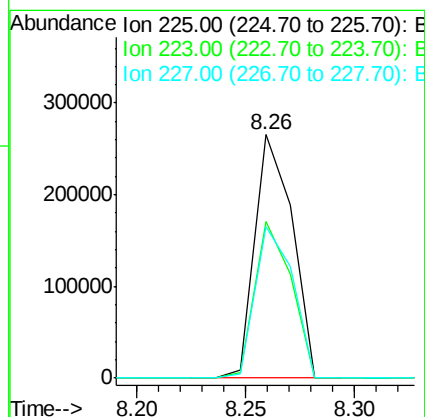
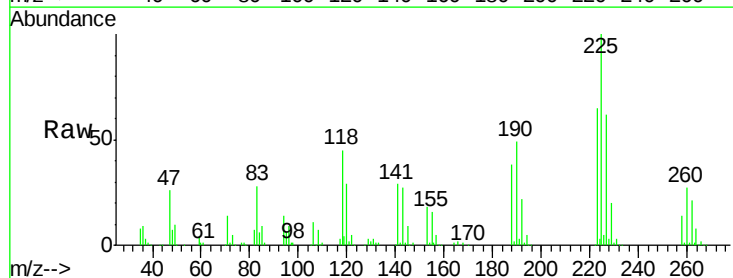
Instrument :
BNA_F
ClientSampled :

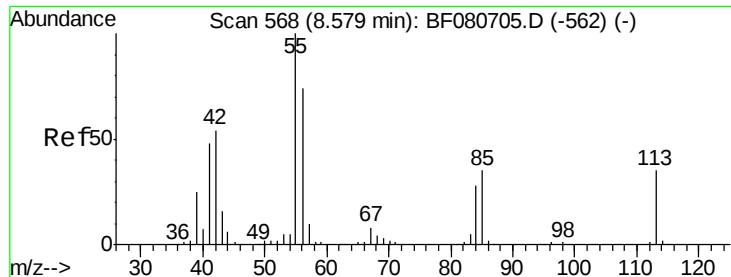
Tot Ion:127 Resp: 643638
Ion Ratio Lower Upper
127 100
129 32.1 26.7 40.1
65 42.3 24.5 36.7#
92 23.0 15.2 22.8#



#34
Hexachlorobutadiene
Concen: 35.28 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion:225 Resp: 317456
Ion Ratio Lower Upper
225 100
223 64.5 51.7 77.5
227 62.1 51.0 76.4





#35

Caprolactam

Concen: 35.77 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampled :

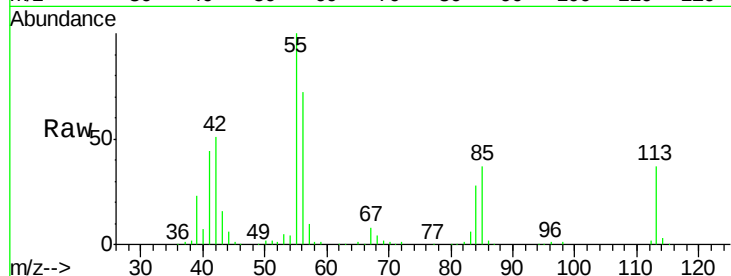
Tot Ion:113 Resp: 136900

Ion Ratio Lower Upper

113 100

55 267.5 269.3 309.3#

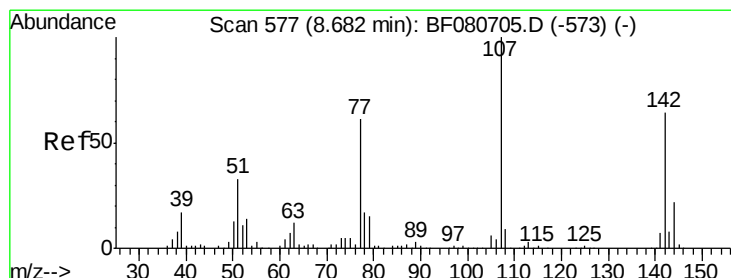
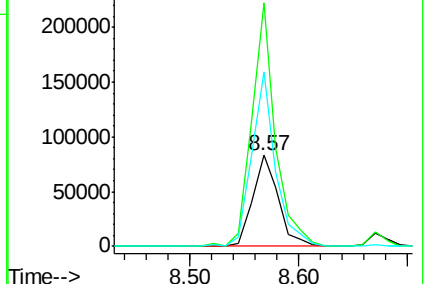
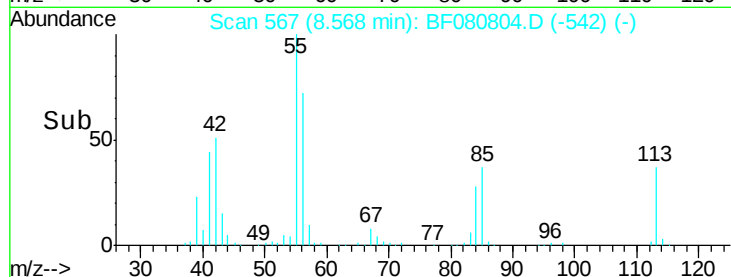
56 192.3 193.3 233.3#



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: 34.71 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

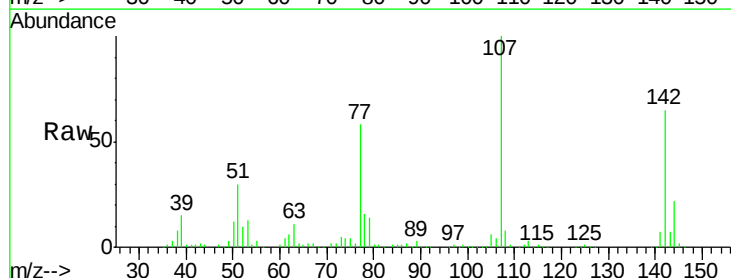
Tgt Ion:107 Resp: 478288

Ion Ratio Lower Upper

107 100

144 22.1 17.2 25.8

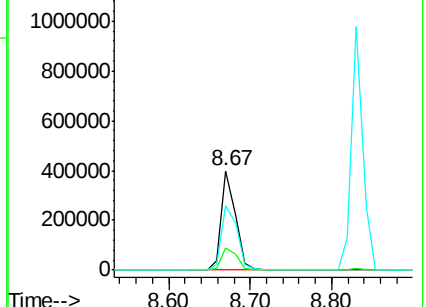
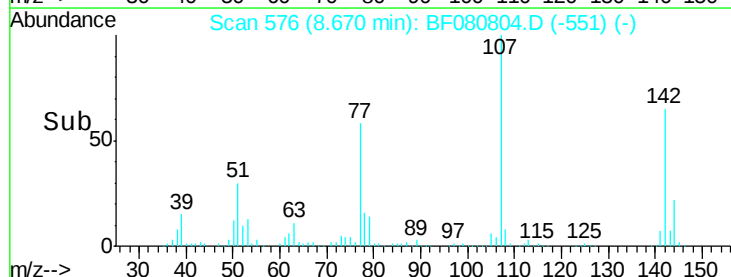
142 64.8 51.2 76.8

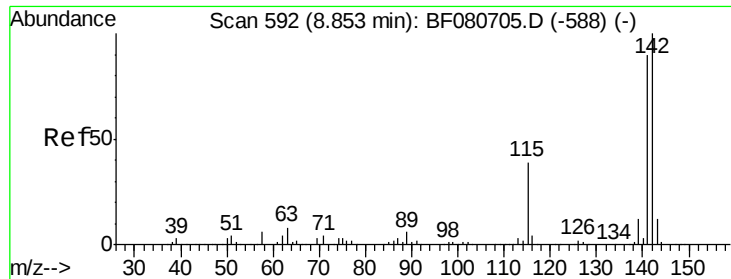


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

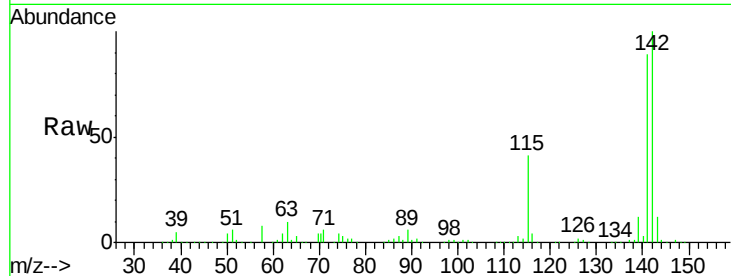




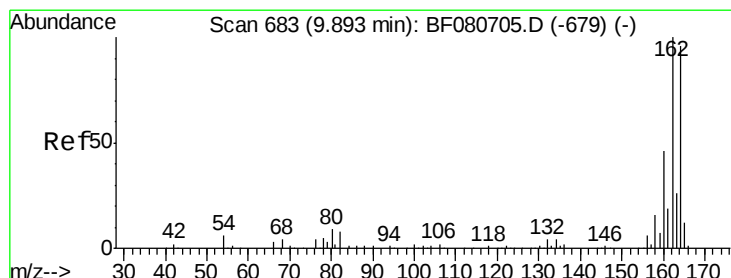
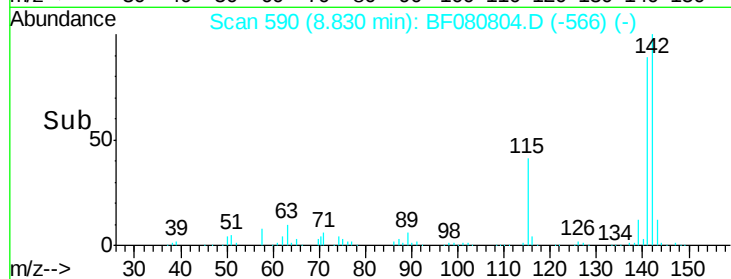
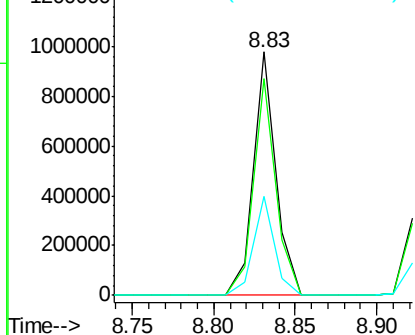
#37
 2-Methylnaphthalene
 Concen: 32.70 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 933761
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.9 107.9
 115 40.6 31.4 47.2

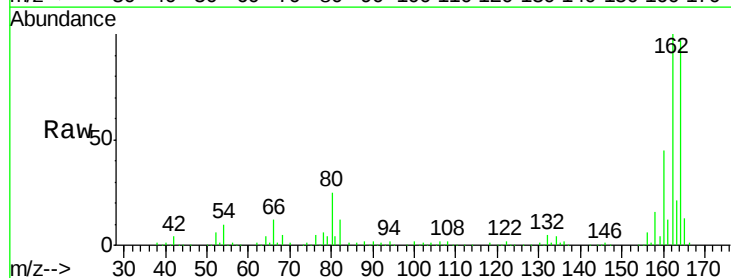


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

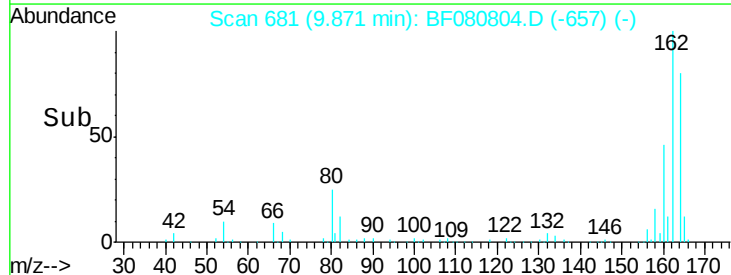
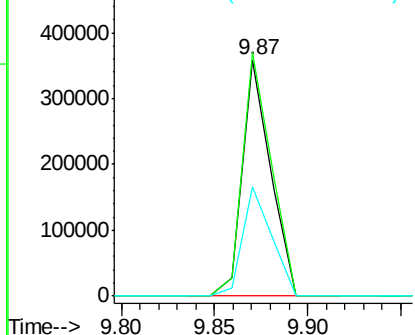


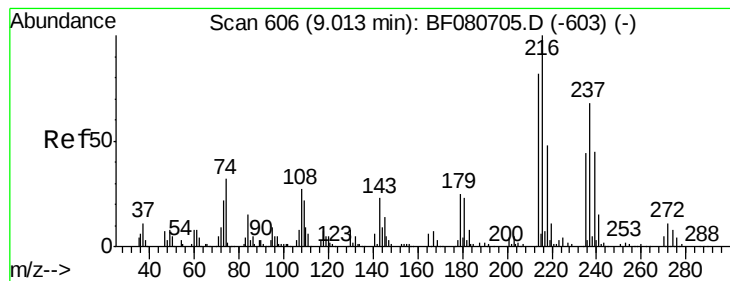
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion:164 Resp: 375418
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.4 125.0
 160 46.5 38.0 57.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.89 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 505615

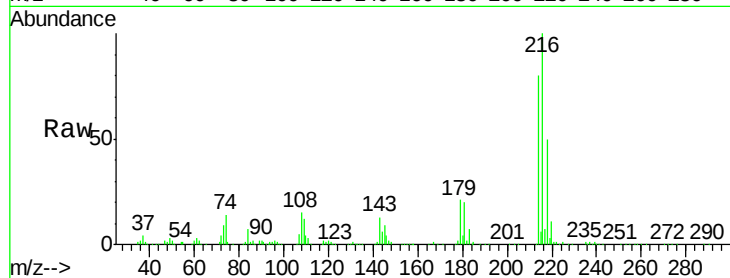
Ion Ratio Lower Upper

216 100

214 79.8 63.1 94.7

179 21.7 16.9 25.3

108 19.3 17.0 25.6

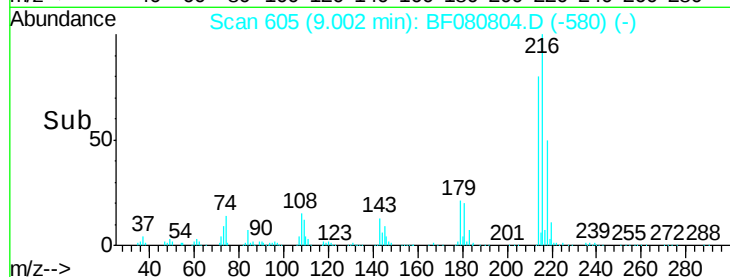


Abundance Ion 216.00 (215.70 to 216.70): E

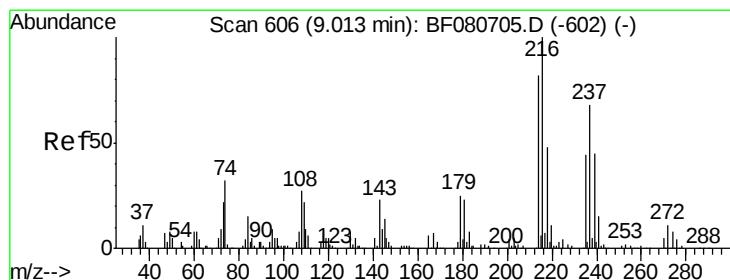
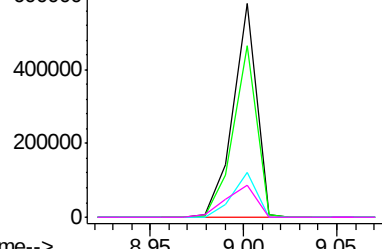
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 43.77 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

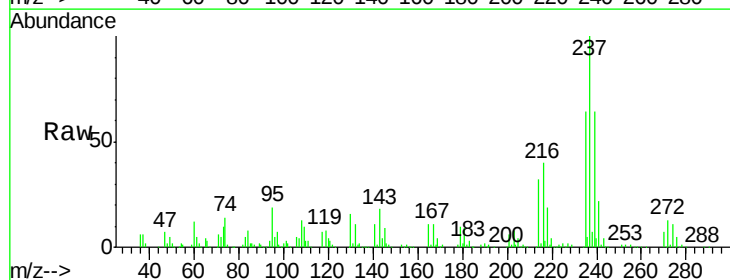
Tgt Ion:237 Resp: 317470

Ion Ratio Lower Upper

237 100

235 64.2 44.3 84.3

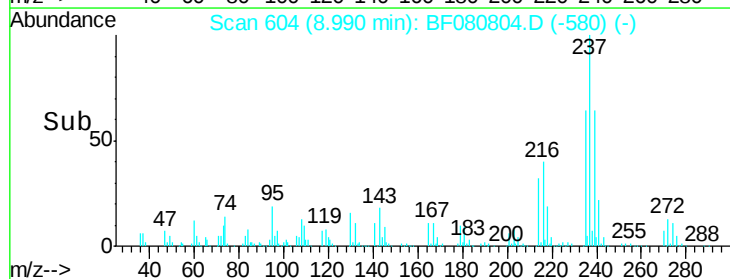
272 13.2 0.0 35.5



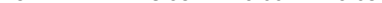
Abundance Ion 236.80 (236.50 to 237.50): E

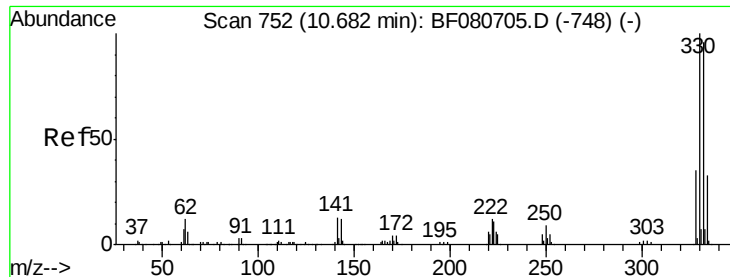
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

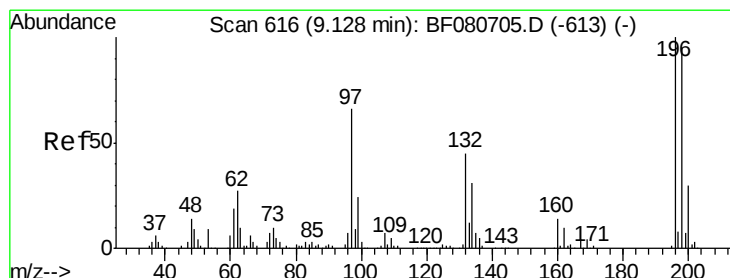
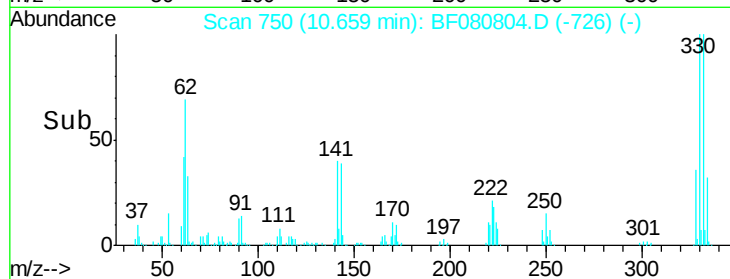
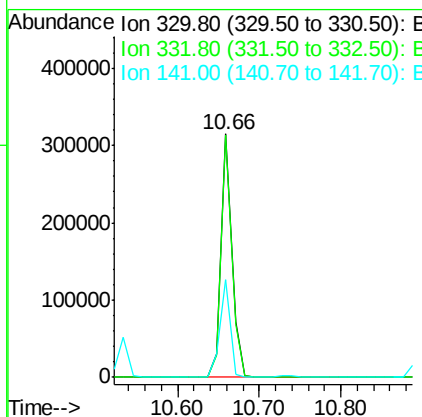
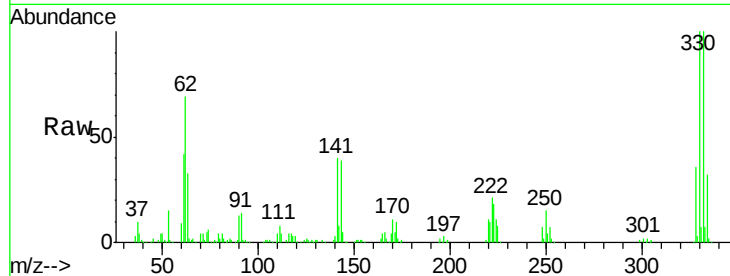




#41
 2,4,6-Tribromophenol
 Concen: 74.85 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

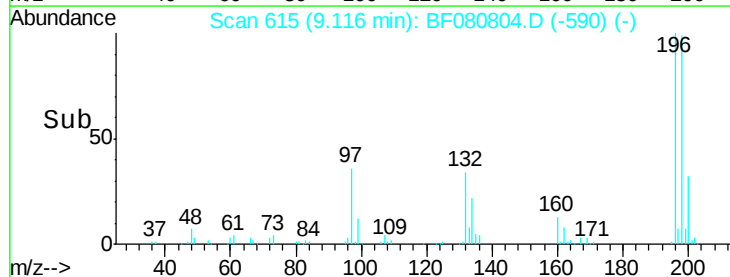
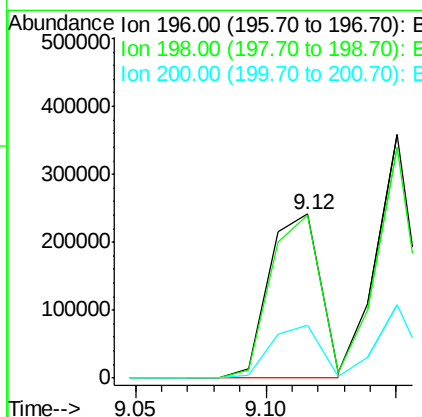
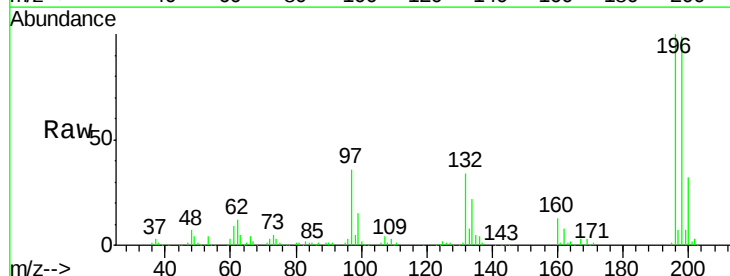
Instrument :
 BNA_F
 ClientSampleId :

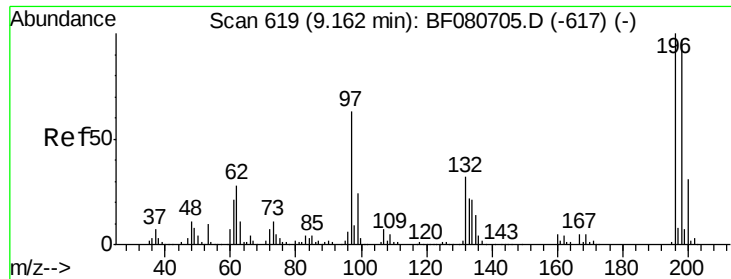
Tot Ion:330 Resp: 291574
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 38.2 26.0 39.0



#42
 2,4,6-Trichlorophenol
 Concen: 39.95 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion:196 Resp: 327620
 Ion Ratio Lower Upper
 196 100
 198 99.3 75.8 113.8
 200 31.9 24.2 36.2

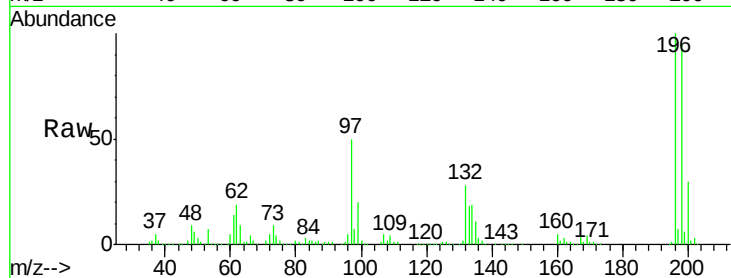




#43
 2,4,5-Trichlorophenol
 Concen: 43.91 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.8	116.8
97	50.1	49.0	73.4
132	27.6	25.4	38.0



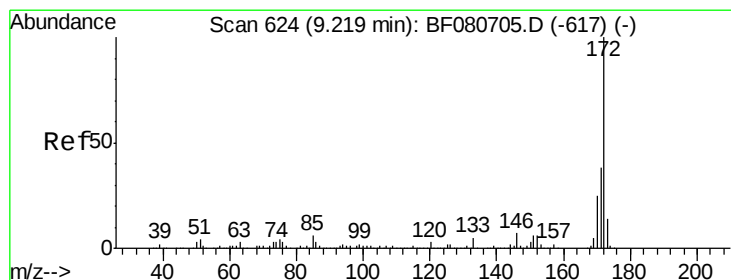
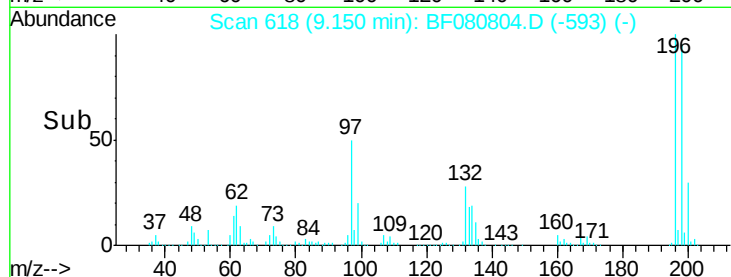
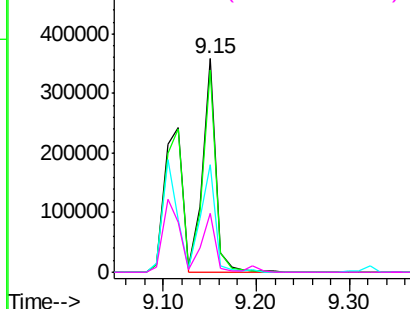
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

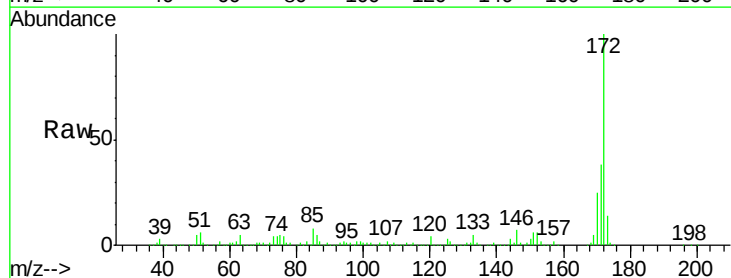
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.23 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.2	45.4
170	24.9	20.2	30.2

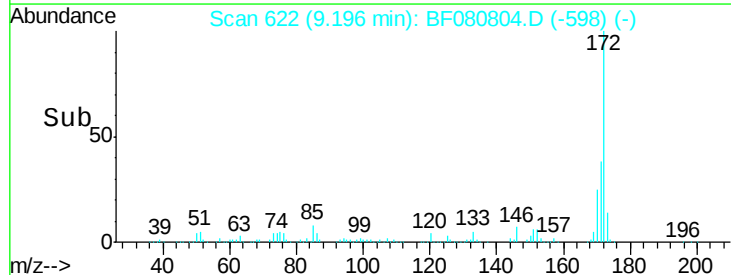
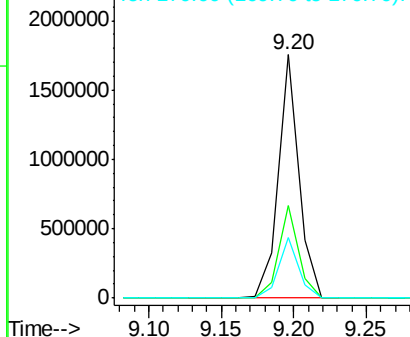


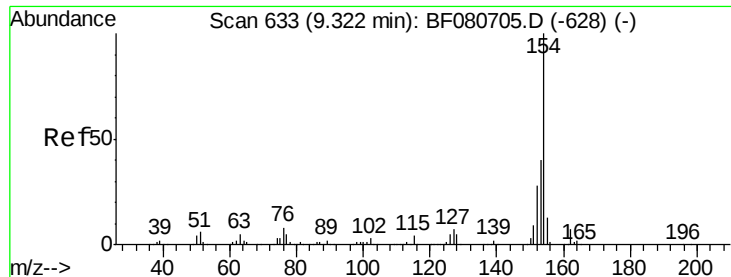
Abundance

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: 40.95 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

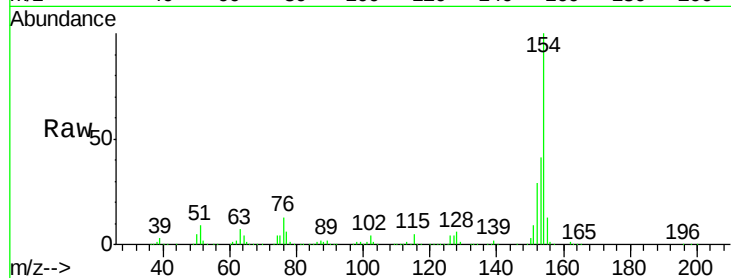
Tot Ion:154 Resp: 1178713

Ion Ratio Lower Upper

154 100

153 41.1 19.9 59.9

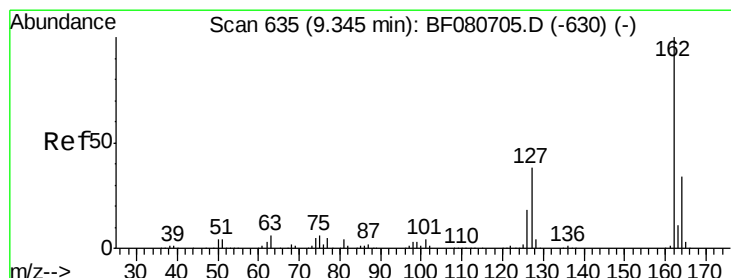
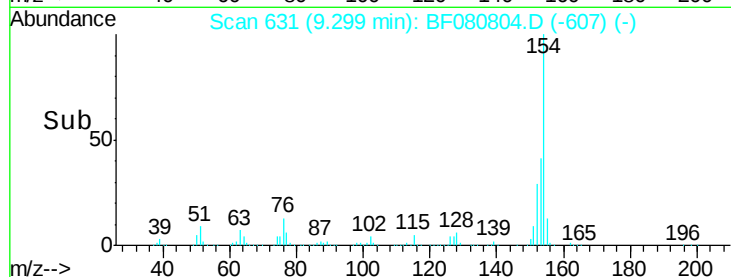
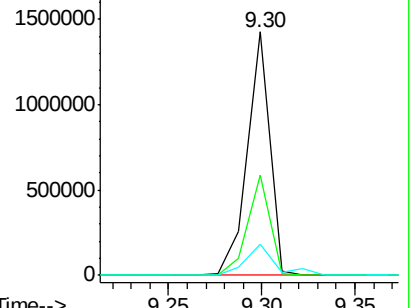
76 12.8 0.0 28.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.62 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

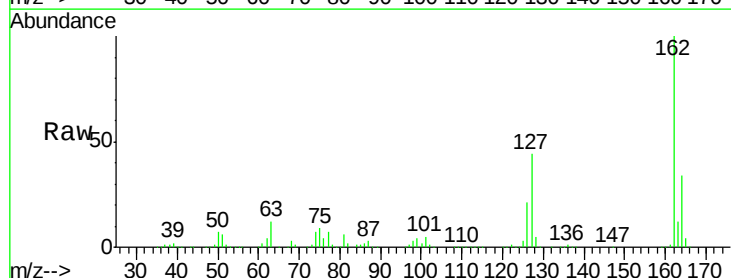
Tgt Ion:162 Resp: 931549

Ion Ratio Lower Upper

162 100

127 44.2 30.2 45.4

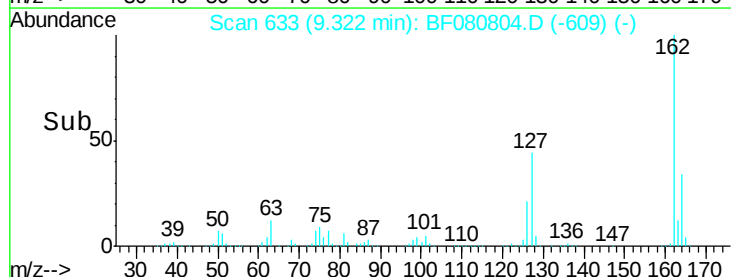
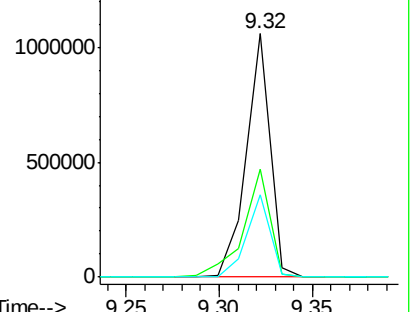
164 33.6 27.1 40.7

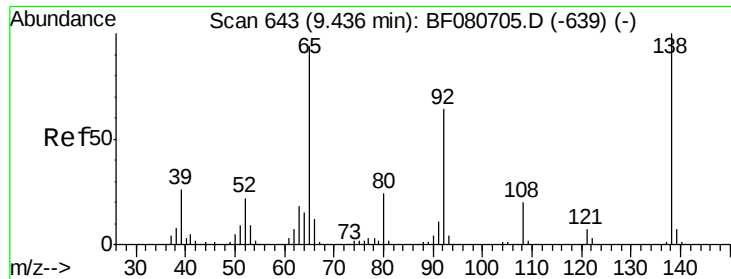


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

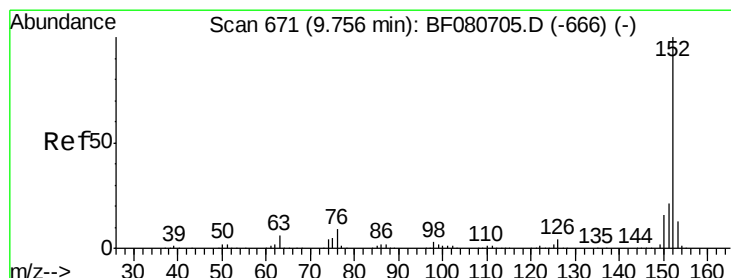
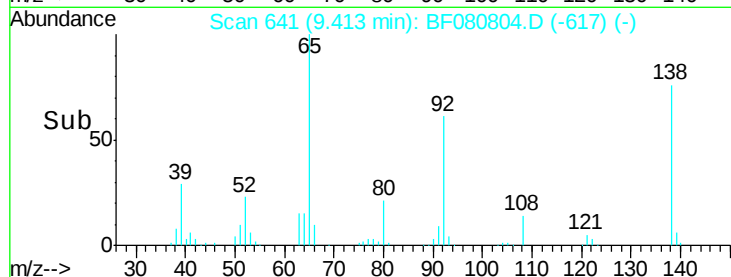
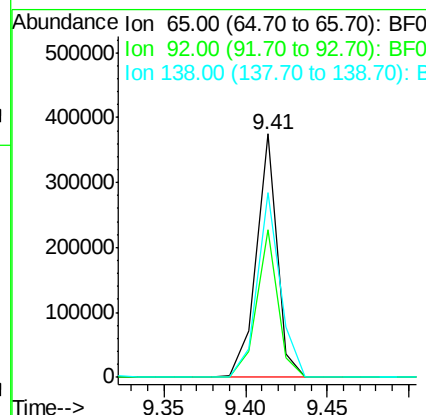
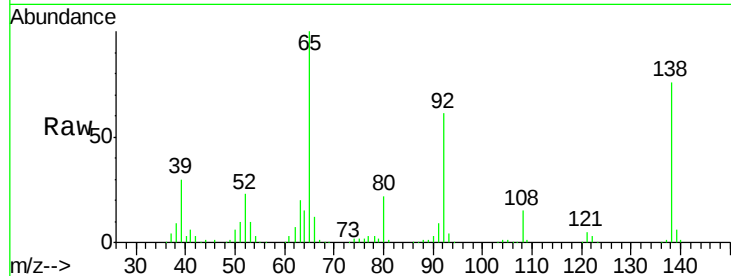




#47
 2-Nitroaniline
 Concen: 36.37 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

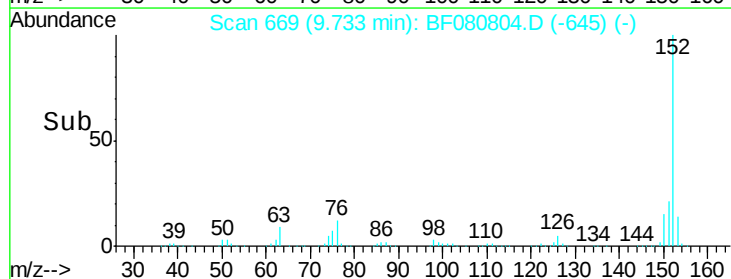
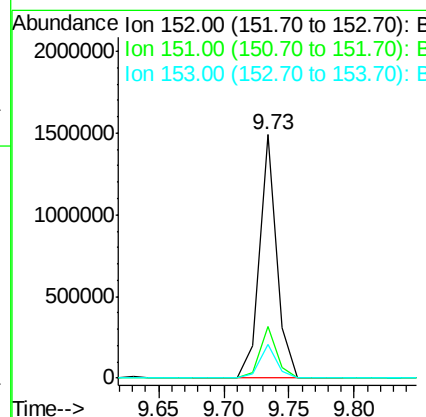
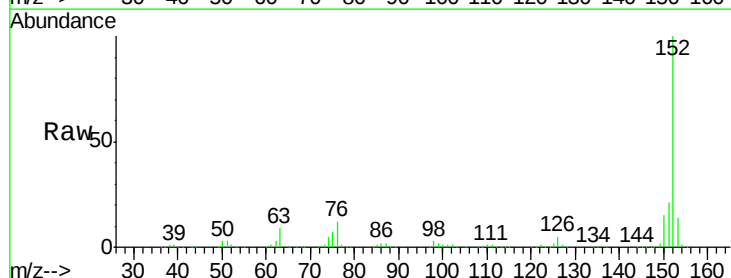
Instrument :
 BNA_F
 ClientSampled :

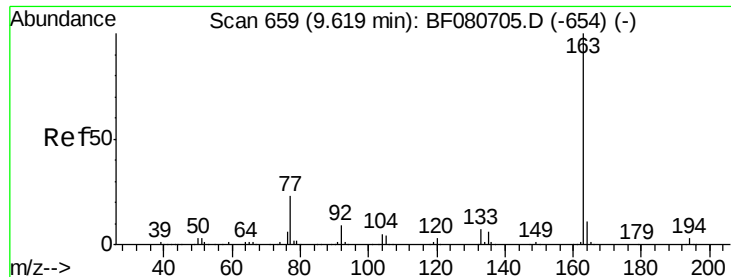
Tot Ion: 65 Resp: 332687
 Ion Ratio Lower Upper
 65 100
 92 60.5 54.9 82.3
 138 75.8 85.1 127.7#



#48
 Acenaphthylene
 Concen: 36.75 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion: 152 Resp: 1373803
 Ion Ratio Lower Upper
 152 100
 151 21.3 17.0 25.6
 153 14.0 10.8 16.2

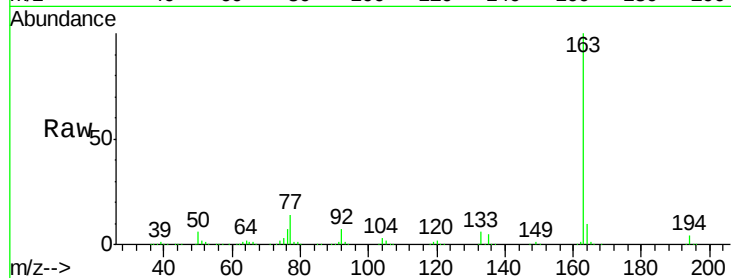




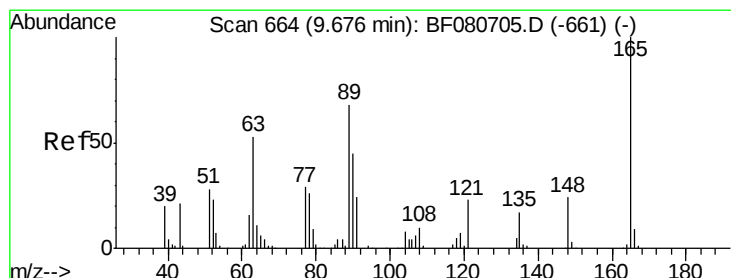
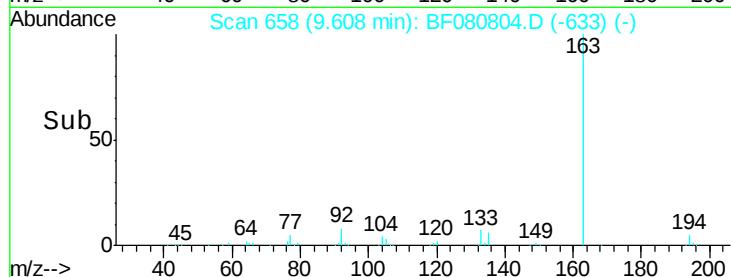
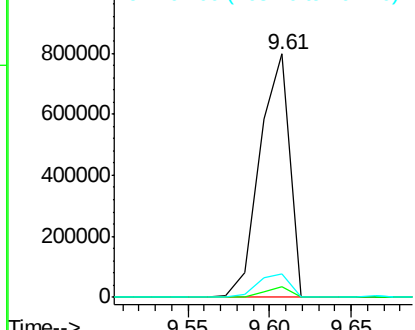
#49
Dimethylphthalate
Concen: 38.09 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1007764
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.6 8.7 13.1

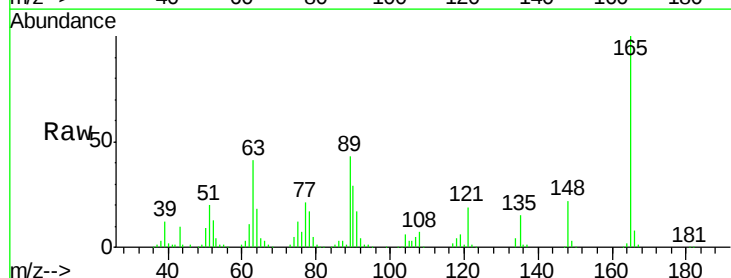


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

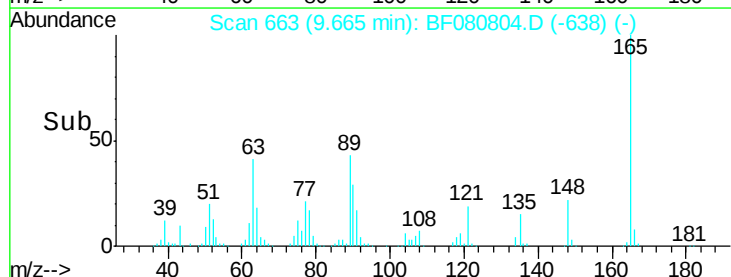
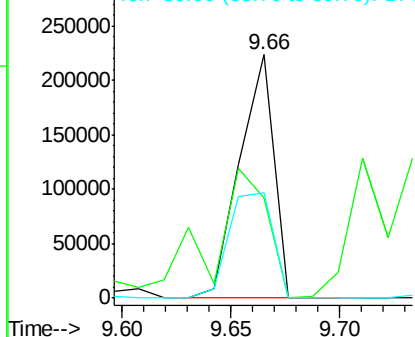


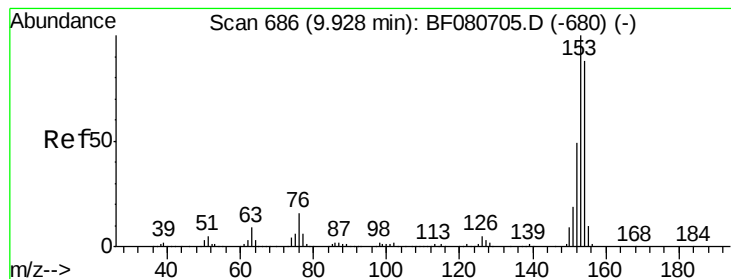
#50
2,6-Dinitrotoluene
Concen: 43.40 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion:165 Resp: 243679
Ion Ratio Lower Upper
165 100
63 41.2 62.3 93.5#
89 43.4 54.8 82.2#



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: 36.83 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampled :

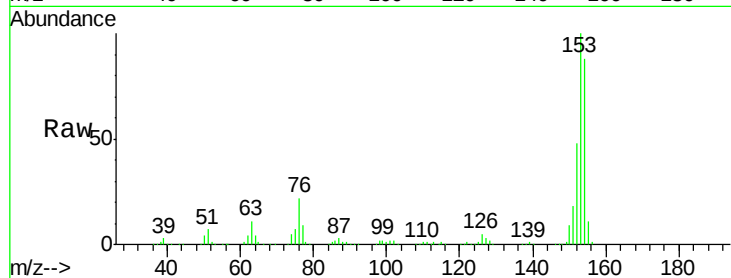
Tot Ion:154 Resp: 839975

Ion Ratio Lower Upper

154 100

153 113.6 90.7 136.1

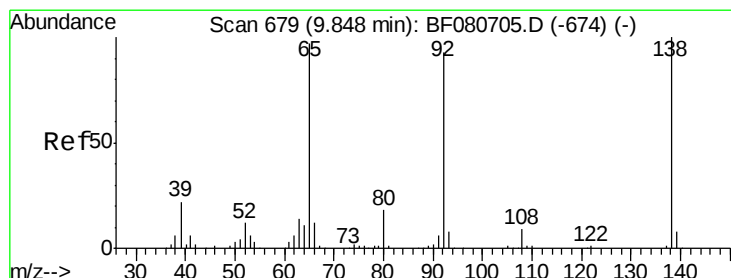
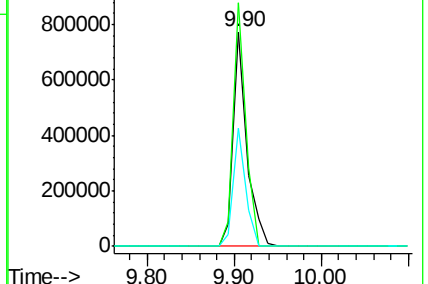
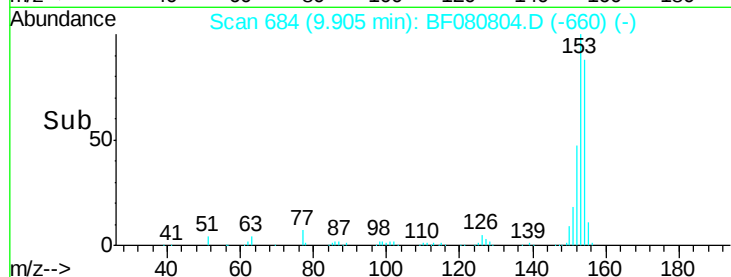
152 54.9 44.2 66.4



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: 34.92 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

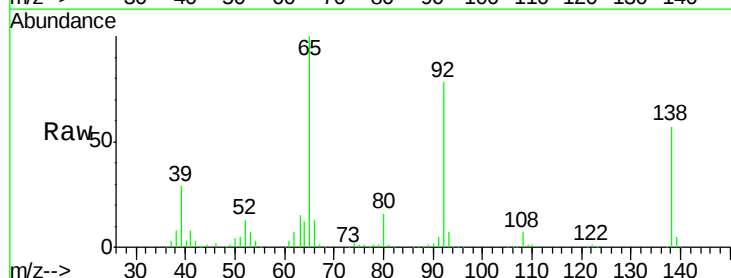
Tgt Ion:138 Resp: 226272

Ion Ratio Lower Upper

138 100

108 11.5 6.9 10.3#

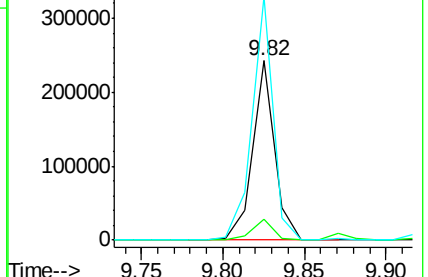
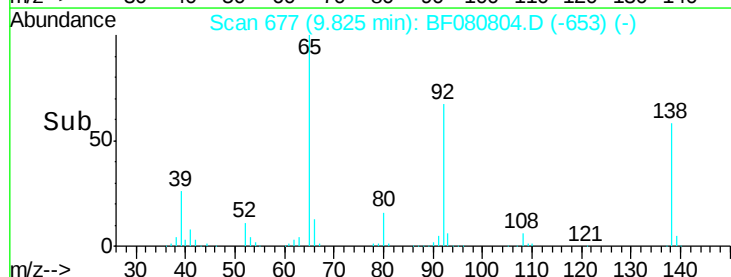
92 135.7 74.1 111.1#



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

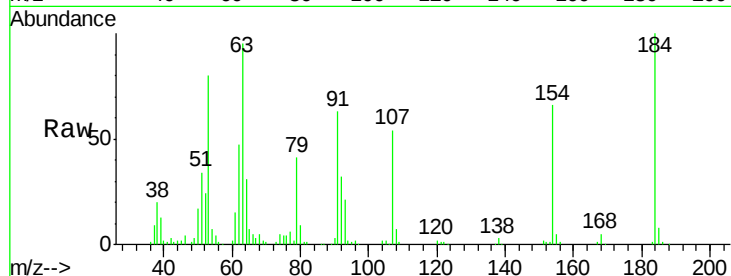




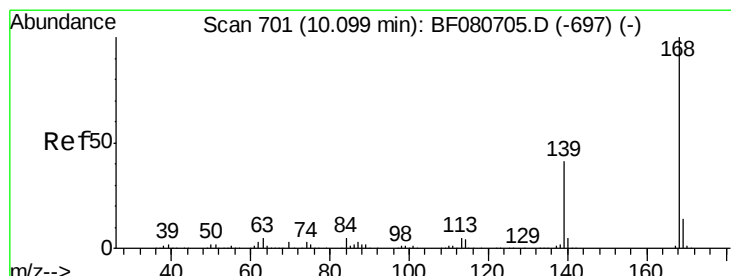
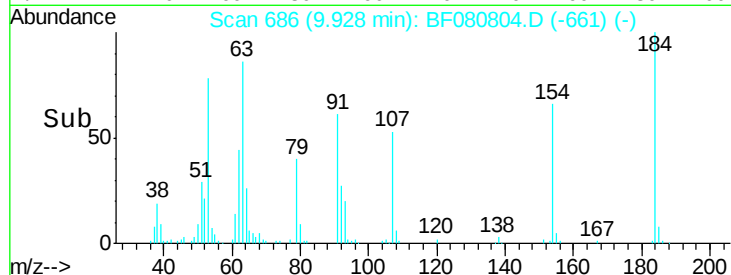
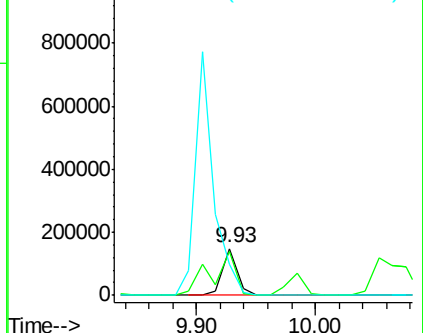
#53
 2,4-Dinitrophenol
 Concen: 42.73 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 127782
 Ion Ratio Lower Upper
 184 100
 63 95.1 96.0 144.0#
 154 66.0 66.0 99.0#

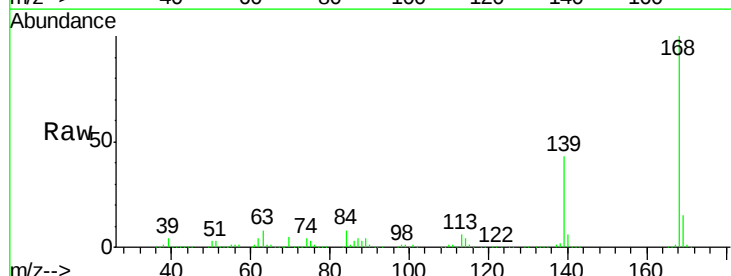


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

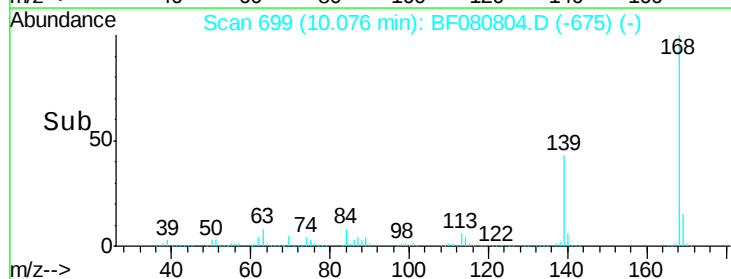
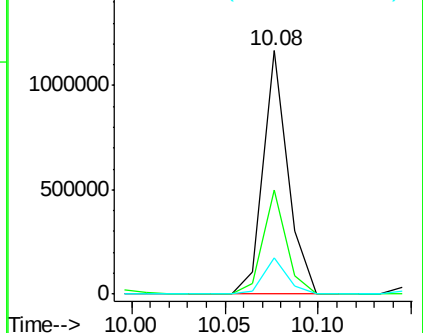


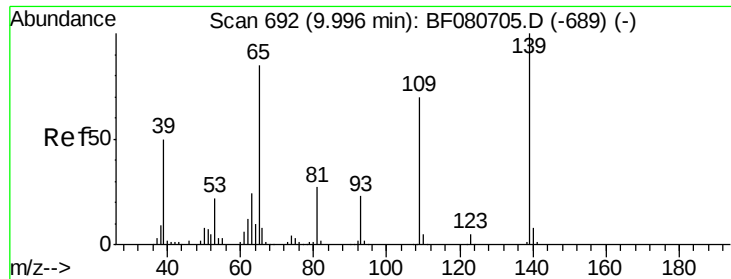
#54
 Dibenzofuran
 Concen: 35.49 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion:168 Resp: 1082632
 Ion Ratio Lower Upper
 168 100
 139 42.9 33.0 49.6
 169 15.2 11.4 17.2



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: 43.70 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

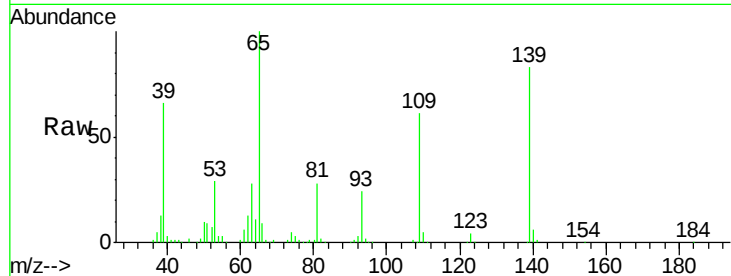
Tot Ion:139 Resp: 208603

Ion Ratio Lower Upper

139 100

109 73.8 50.4 90.4

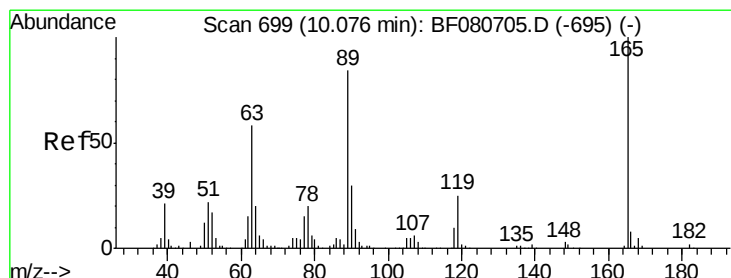
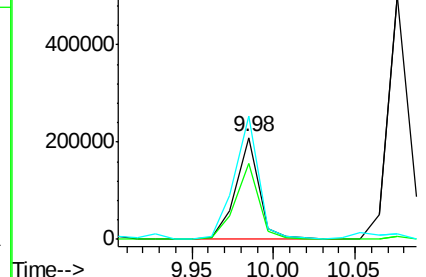
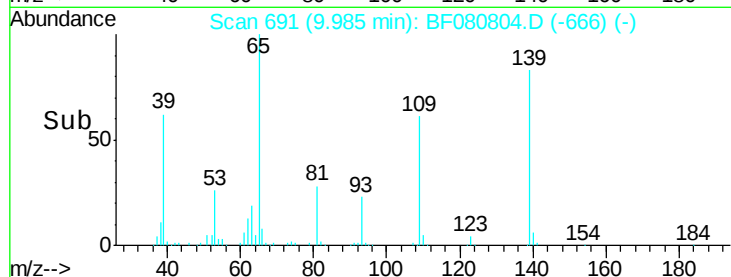
65 121.1 66.1 106.1#



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: 41.45 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion:165 Resp: 305187

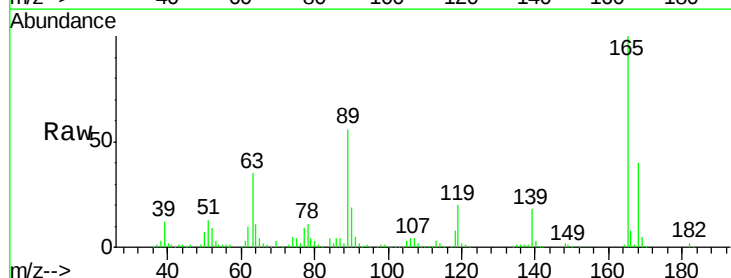
Ion Ratio Lower Upper

165 100

63 34.8 46.7 70.1#

89 55.9 67.4 101.2#

182 2.4 1.8 2.6

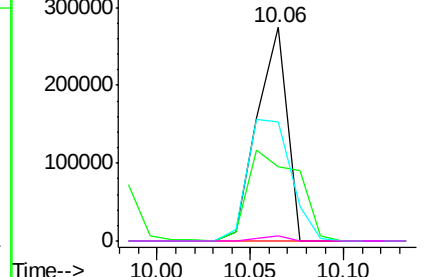
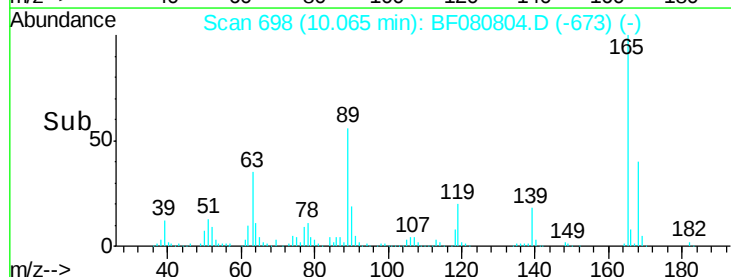


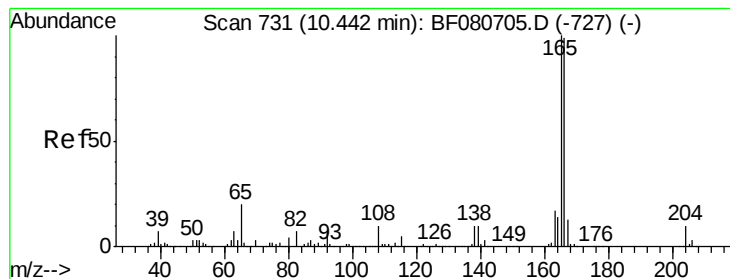
Abundance Ion 165.00 (164.70 to 165.70): E

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: 34.70 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

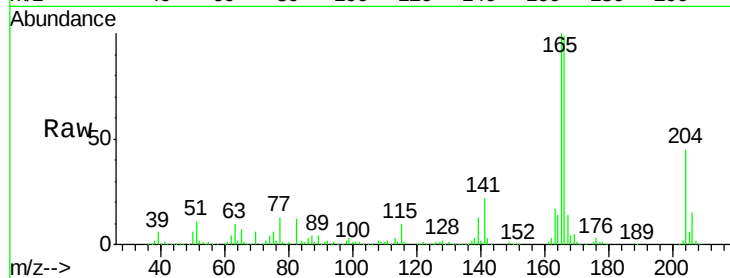
Tot Ion:166 Resp: 821623

Ion Ratio Lower Upper

166 100

165 101.4 81.0 121.4

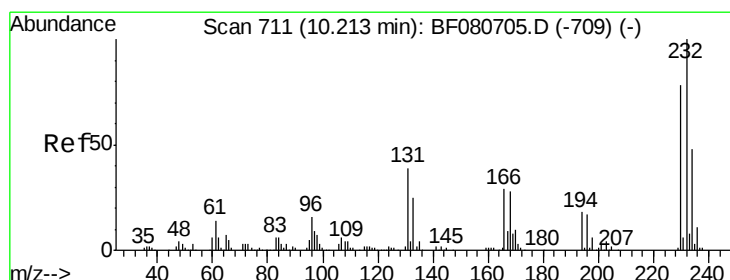
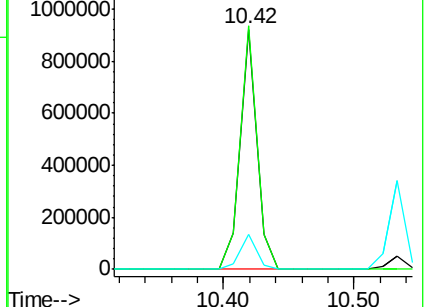
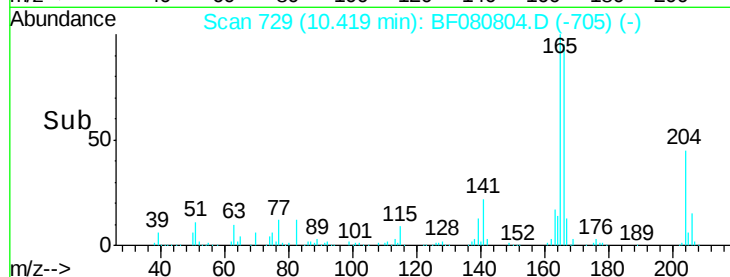
167 14.3 10.8 16.2



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: 38.20 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion:232 Resp: 234333

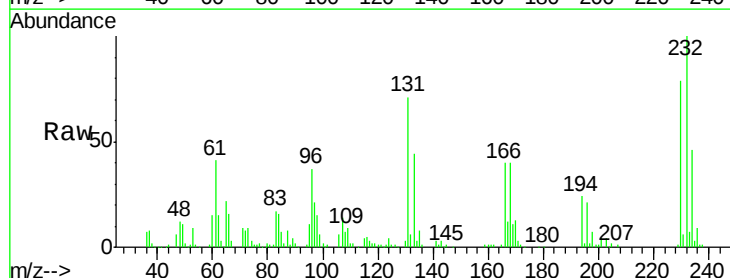
Ion Ratio Lower Upper

232 100

131 49.2 38.2 57.2

130 2.2 1.8 2.6

166 31.4 25.6 38.4

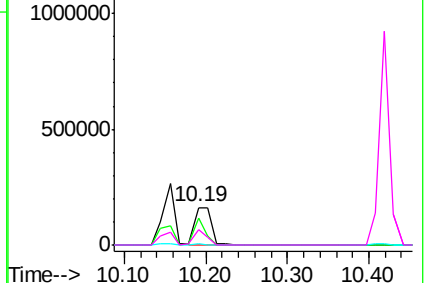
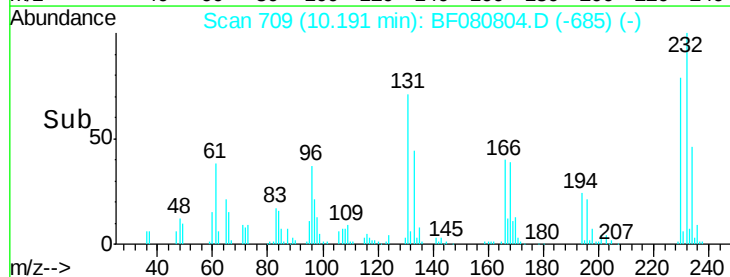


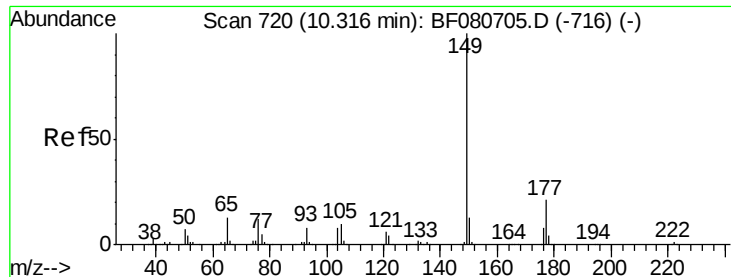
Abundance Ion 232.00 (231.70 to 232.70): E

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

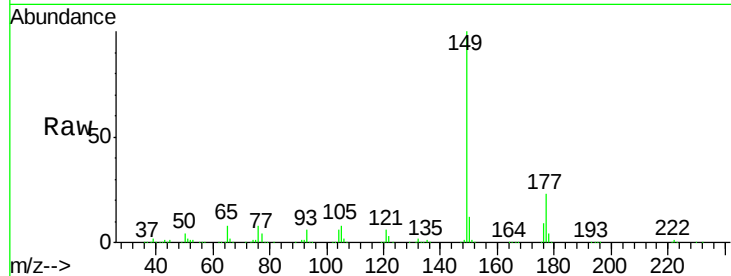




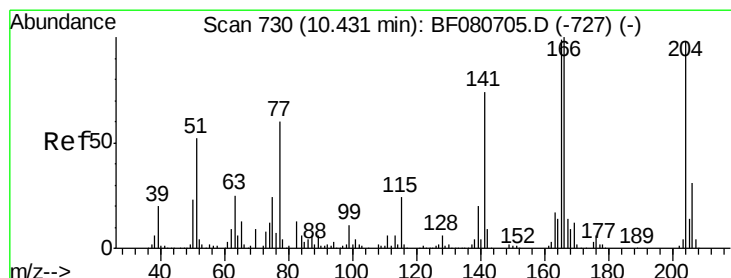
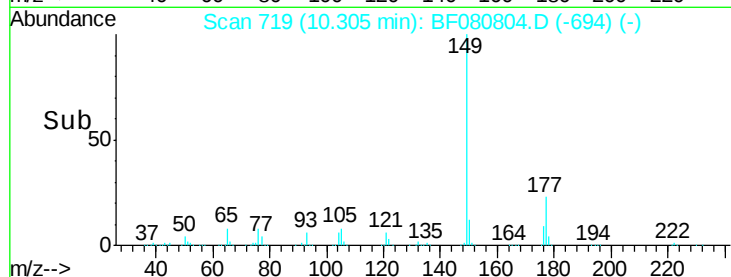
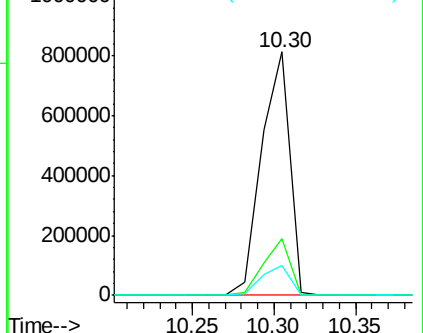
#59
Diethylphthalate
Concen: 38.13 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 972354
Ion Ratio Lower Upper
149 100
177 23.2 16.6 25.0
150 12.4 10.2 15.4

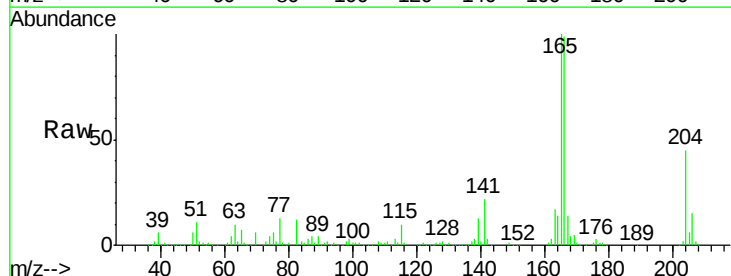


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

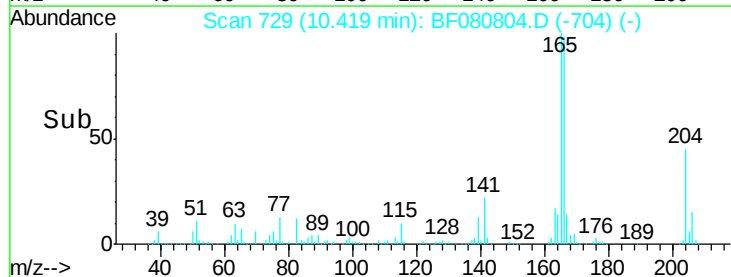
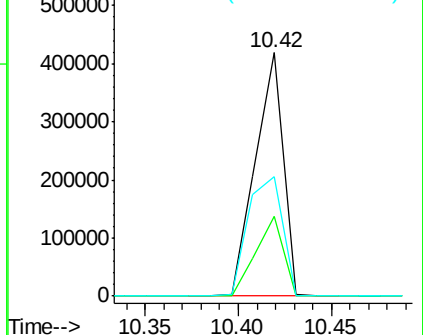


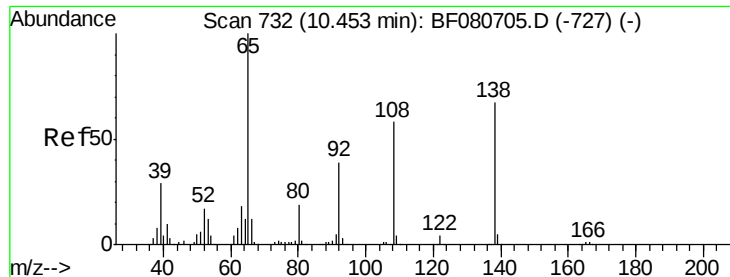
#60
4-Chlorophenyl-phenylether
Concen: 42.04 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion:204 Resp: 431600
Ion Ratio Lower Upper
204 100
206 33.0 25.1 37.7
141 49.2 60.3 90.5#



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

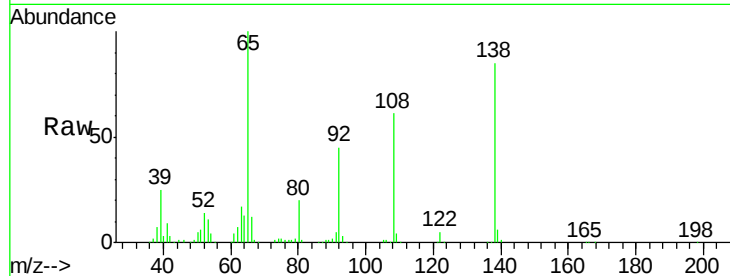




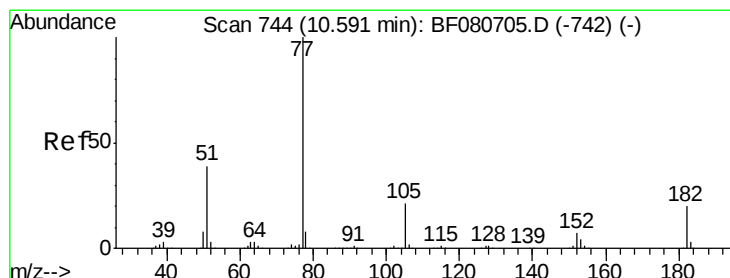
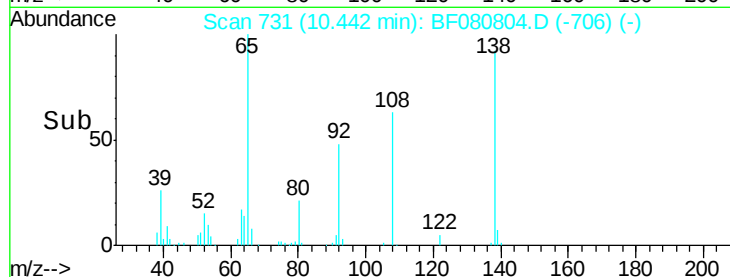
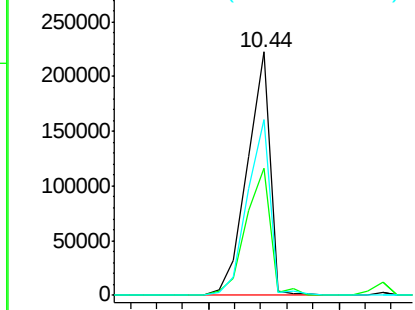
#61
4-Nitroaniline
Concen: 46.23 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 270440
Ion Ratio Lower Upper
138 100
92 52.3 38.2 78.2
108 72.1 66.3 106.3

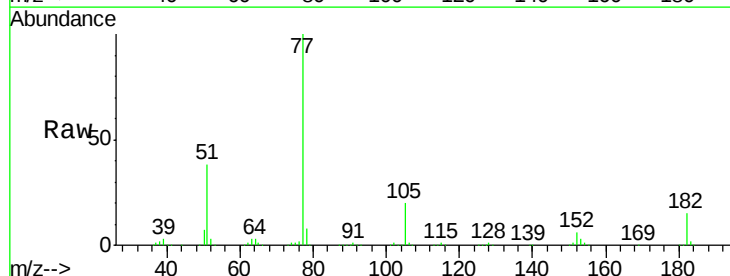


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

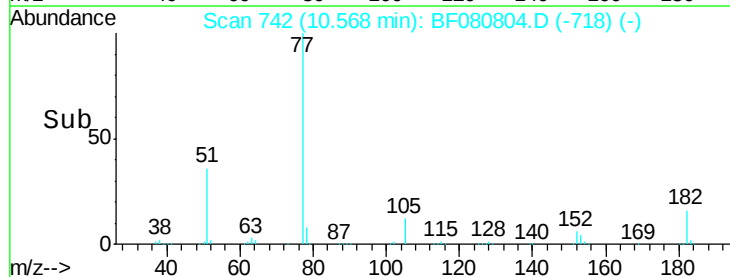
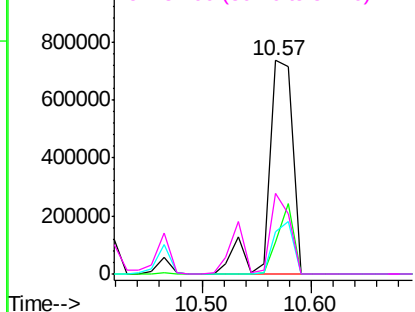


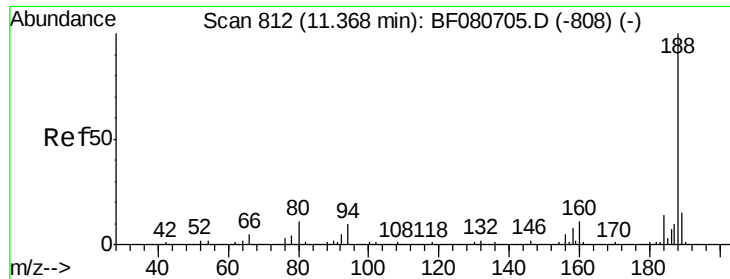
#62
Azobenzene
Concen: 41.03 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion: 77 Resp: 1133401
Ion Ratio Lower Upper
77 100
182 15.2 0.0 39.9
105 20.0 1.1 41.1
51 37.8 18.9 58.9



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

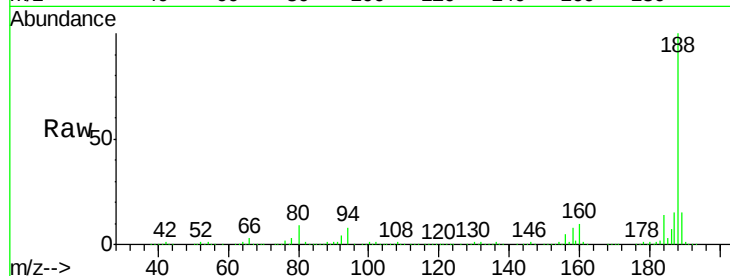




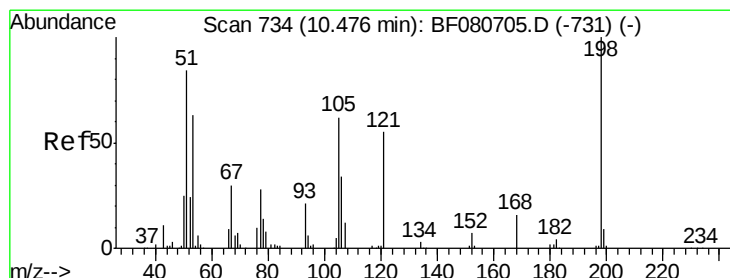
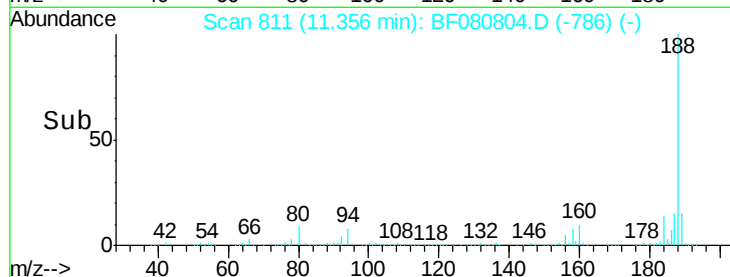
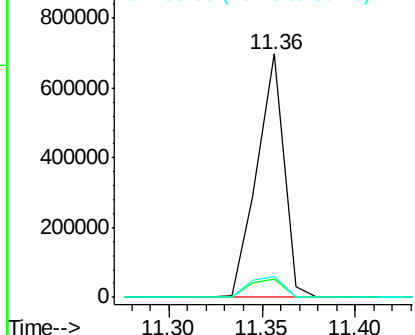
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 702114
 Ion Ratio Lower Upper
 188 100
 94 7.7 8.1 12.1#
 80 8.8 9.1 13.7#

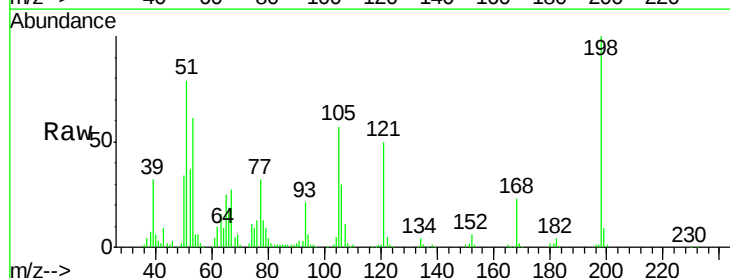


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

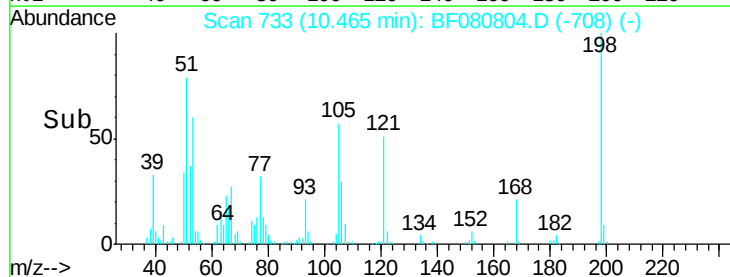
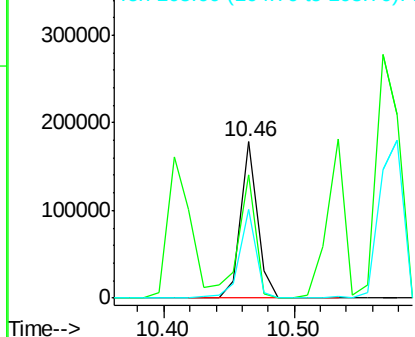


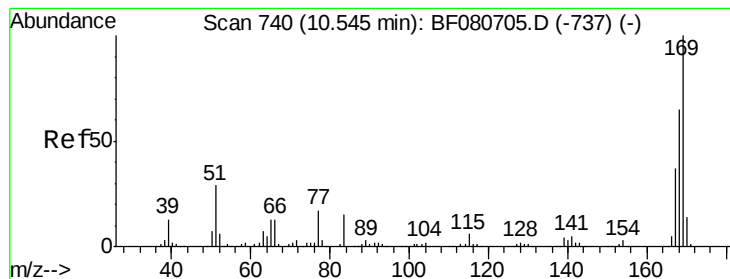
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.49 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion:198 Resp: 158510
 Ion Ratio Lower Upper
 198 100
 51 79.1 84.6 124.6#
 105 56.8 43.0 83.0



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.19 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

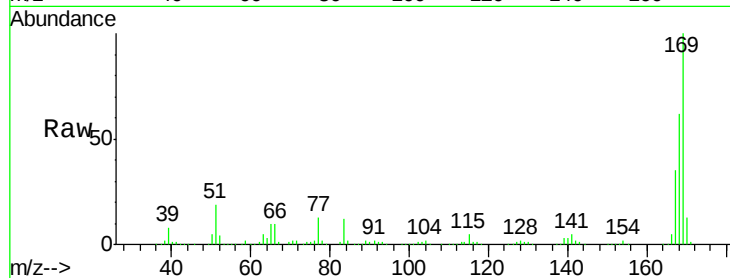
Tot Ion:169 Resp: 832984

Ion Ratio Lower Upper

169 100

168 62.4 52.1 78.1

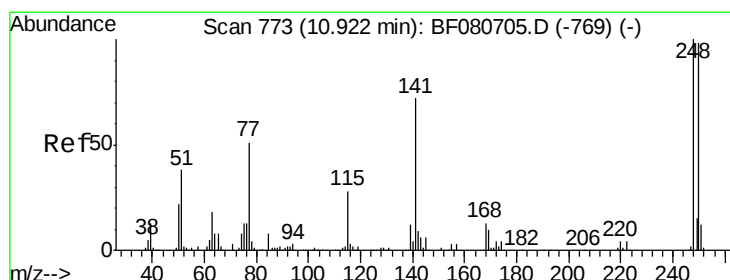
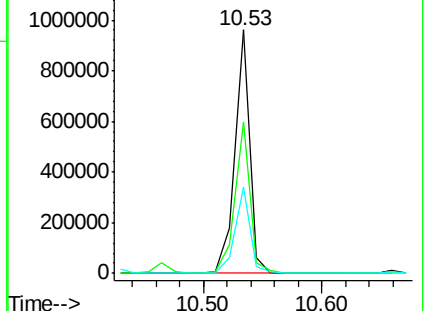
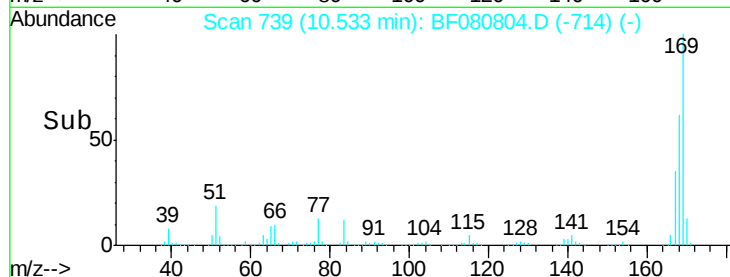
167 35.3 29.3 43.9



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: 34.78 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

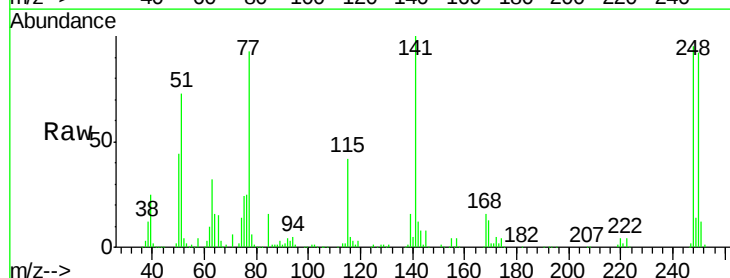
Tgt Ion:248 Resp: 252052

Ion Ratio Lower Upper

248 100

250 97.1 78.4 117.6

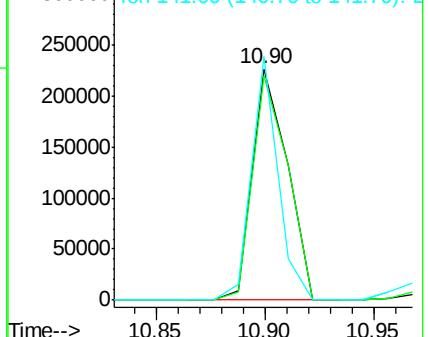
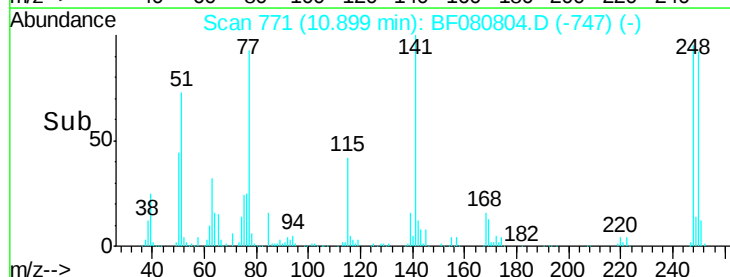
141 105.2 57.5 86.3#

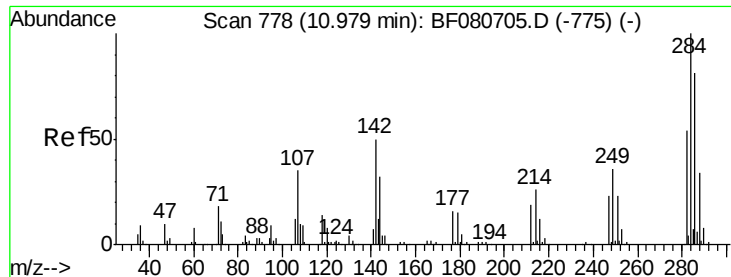


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

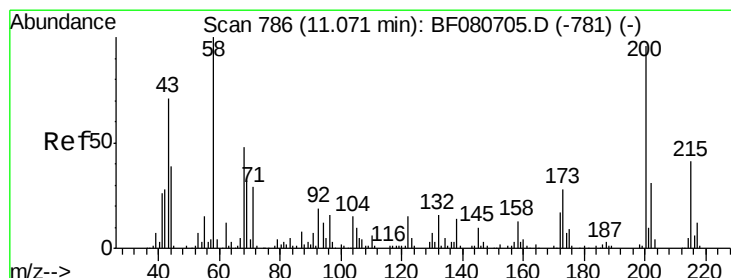
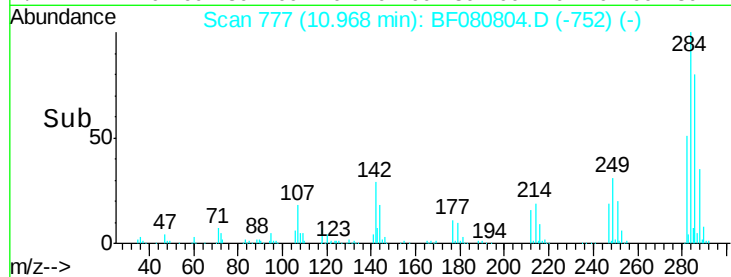
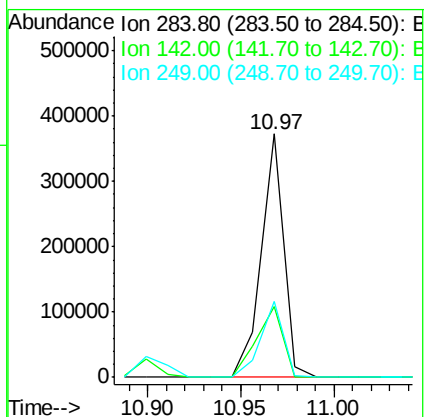
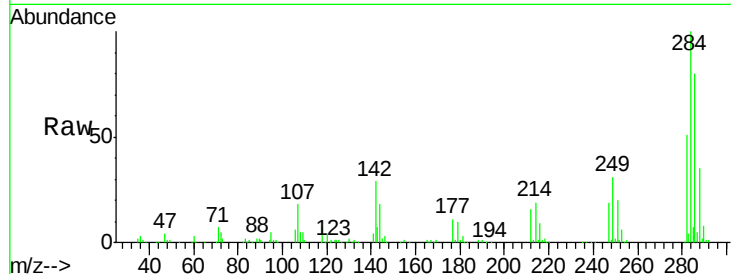




#67
Hexachlorobenzene
Concen: 37.57 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

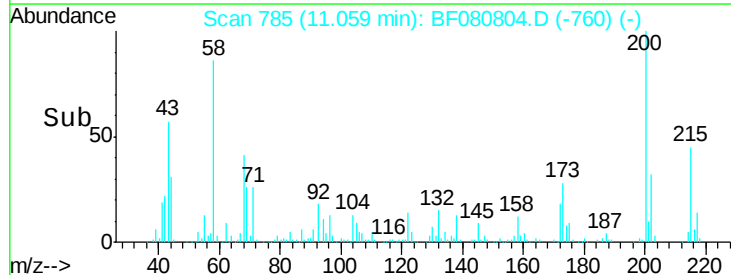
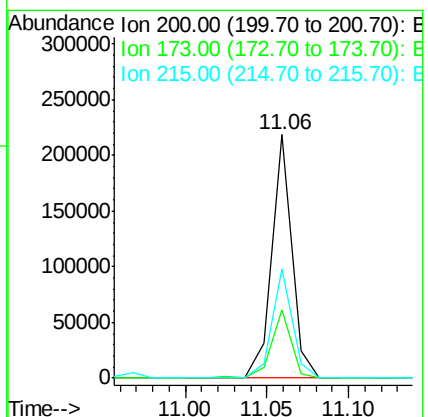
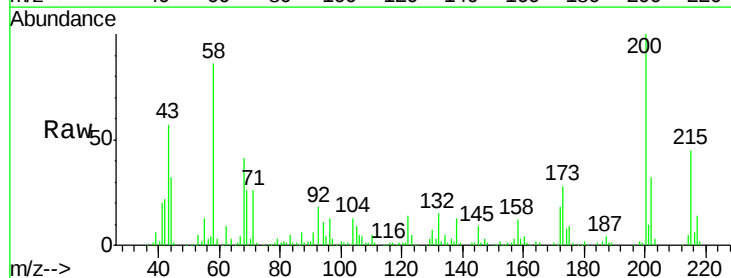
Instrument :
BNA_F
ClientSampled :

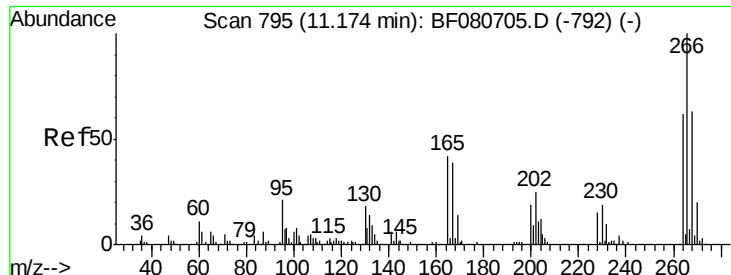
Tot Ion:284 Resp: 314831
Ion Ratio Lower Upper
284 100
142 29.0 39.8 59.6#
249 31.1 28.7 43.1



#68
Atrazine
Concen: 30.34 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion:200 Resp: 189420
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 44.9 22.2 62.2

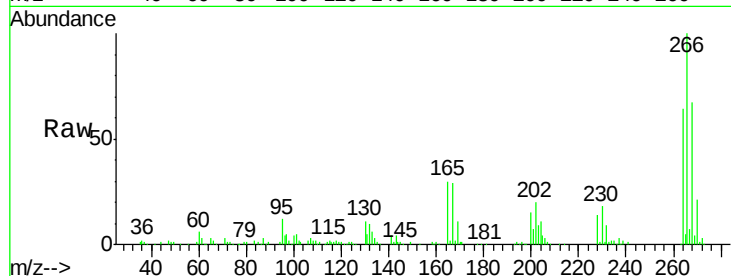




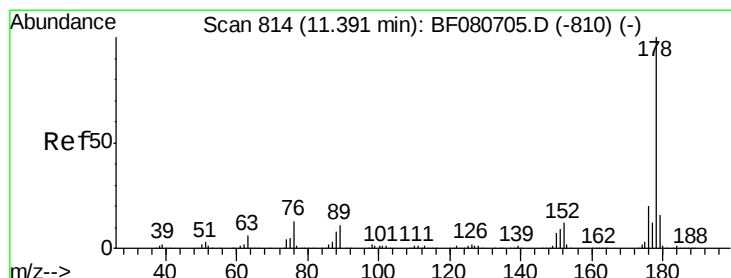
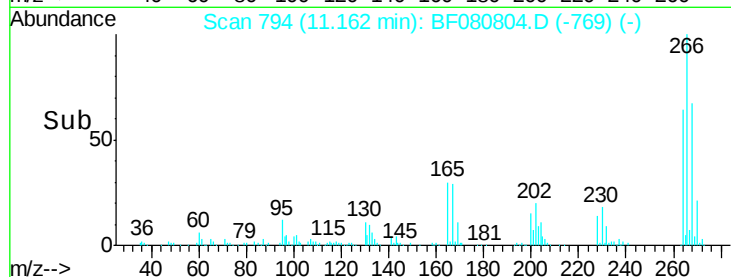
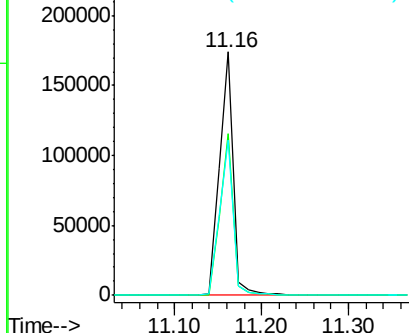
#69
 Pentachlorophenol
 Concen: 38.72 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 196341
 Ion Ratio Lower Upper
 266 100
 268 66.7 50.5 75.7
 264 63.9 50.0 75.0

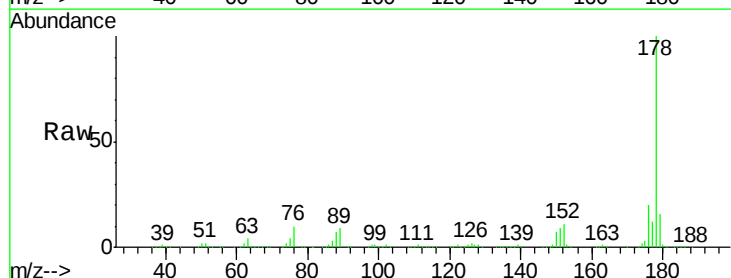


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

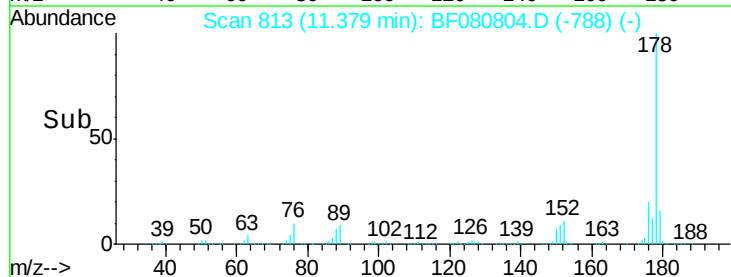
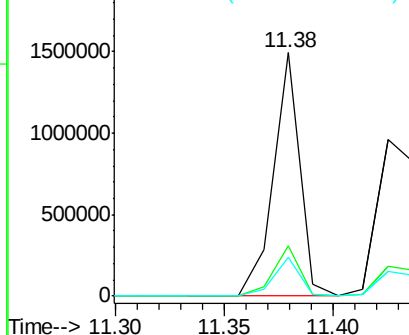


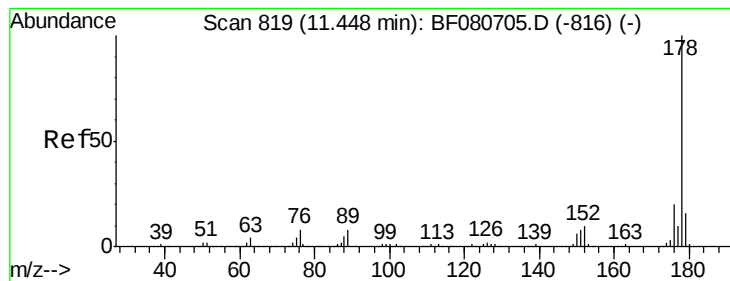
#70
 Phenanthrene
 Concen: 36.05 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion:178 Resp: 1275289
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 16.1 13.0 19.4



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: 36.40 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

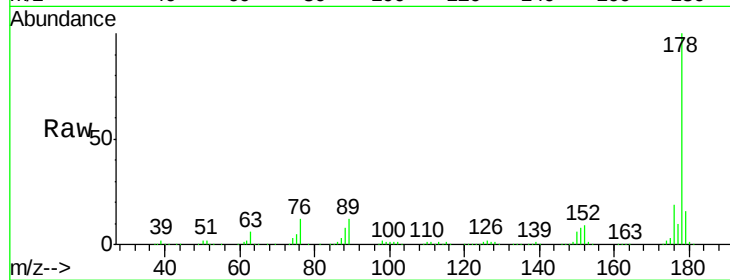
Tot Ion:178 Resp: 1265300

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

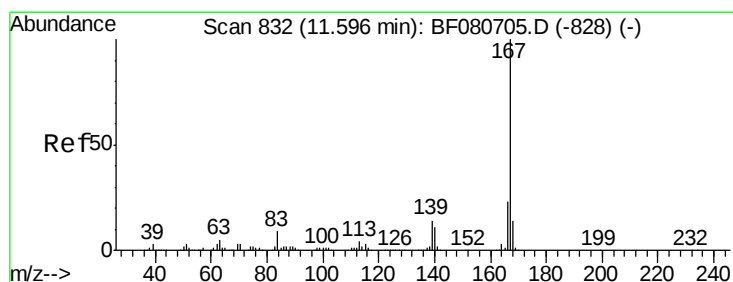
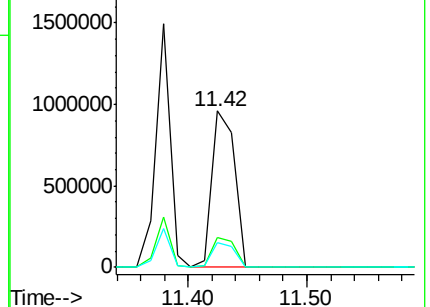
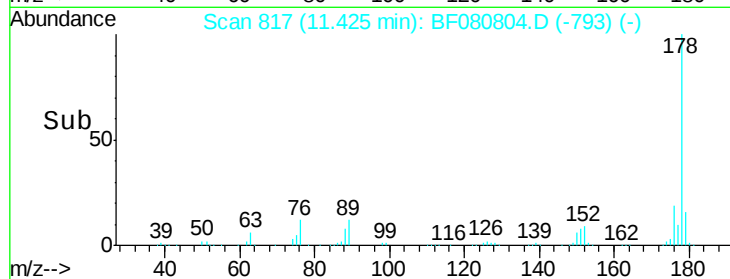
179 16.0 12.7 19.1



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: 38.79 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

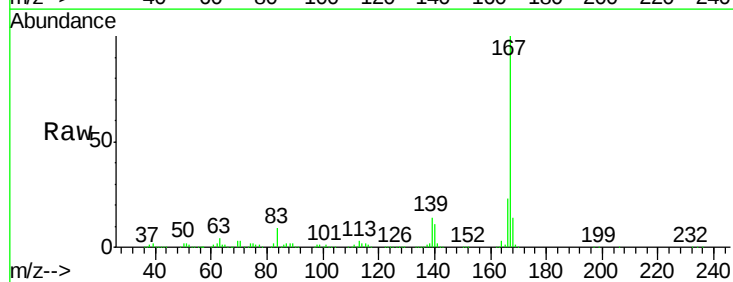
Tgt Ion:167 Resp: 1170165

Ion Ratio Lower Upper

167 100

166 23.2 18.2 27.4

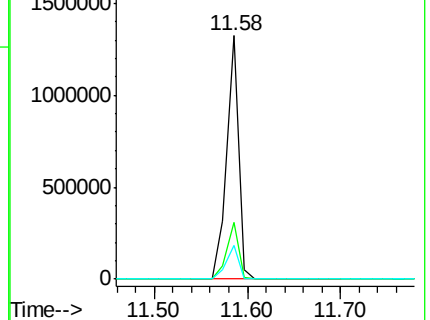
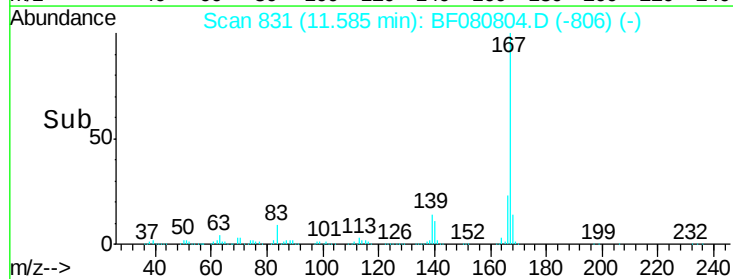
139 14.0 11.5 17.3

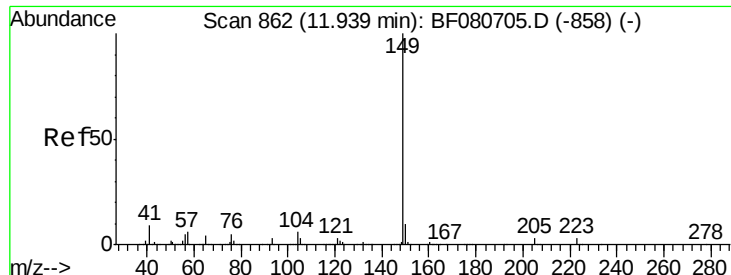


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.87 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampled :

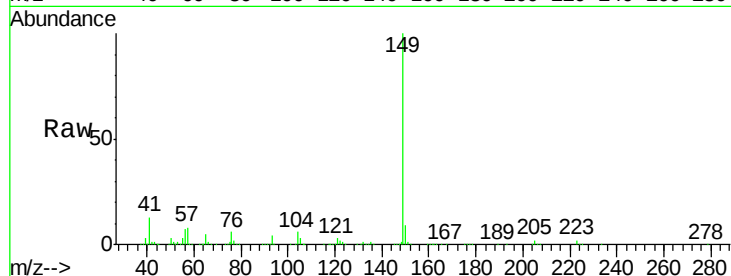
Tot Ion:149 Resp: 1416503

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

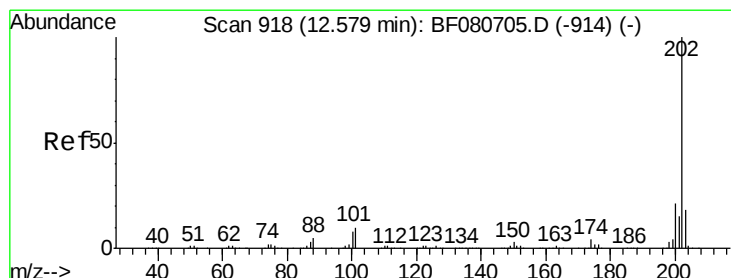
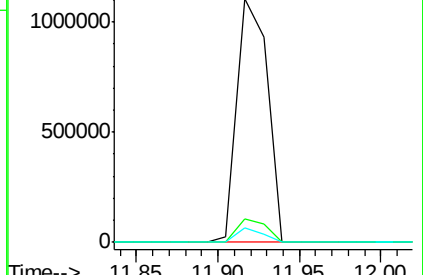
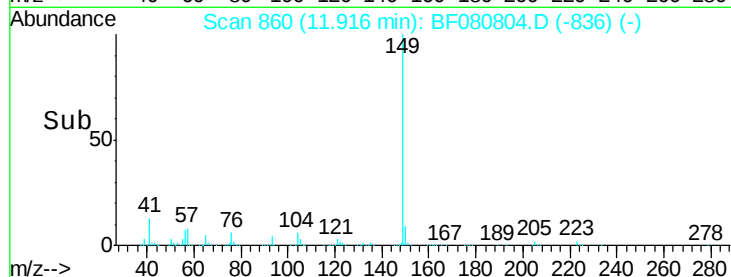
104 5.8 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.66 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

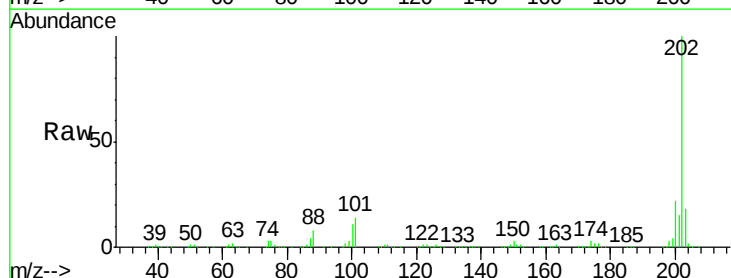
Tgt Ion:202 Resp: 1356371

Ion Ratio Lower Upper

202 100

101 14.1 0.0 29.6

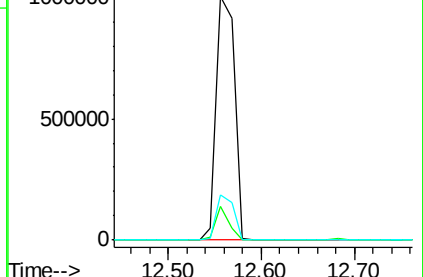
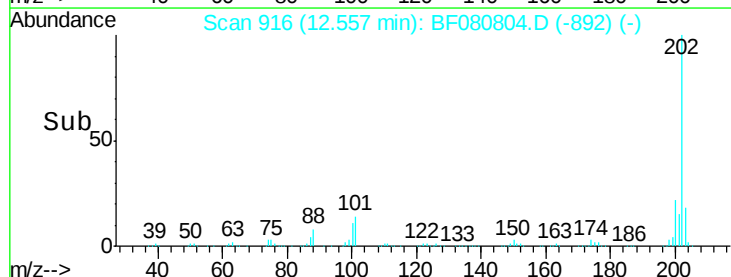
203 18.4 0.0 37.8

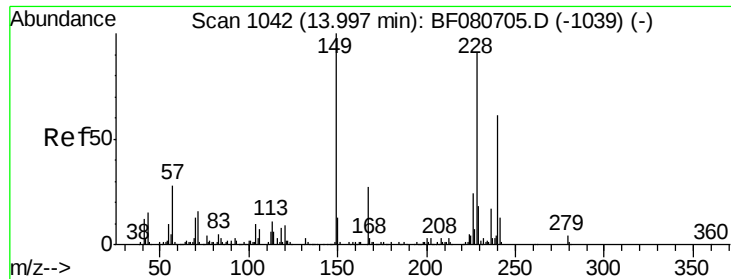


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

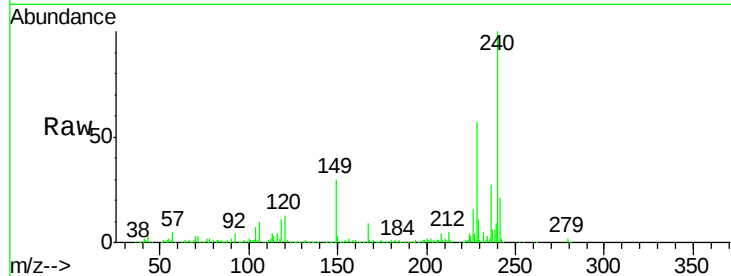
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 542247

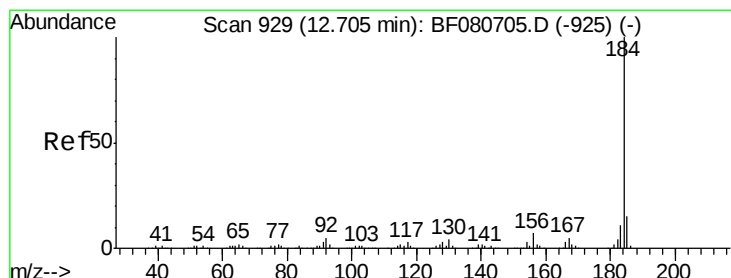
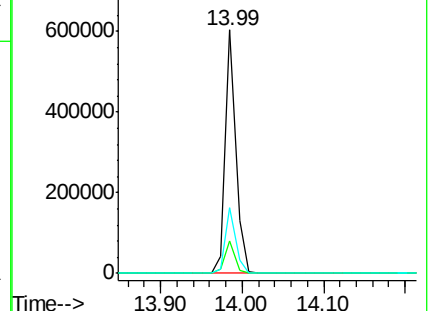
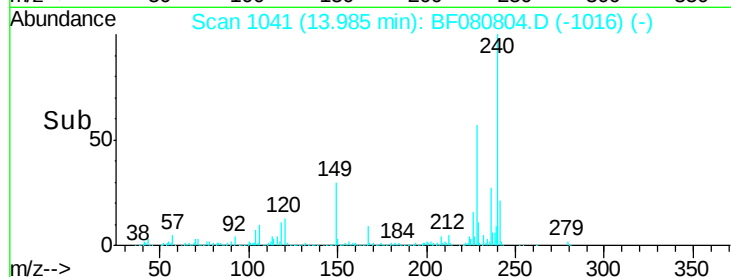
Ion	Ratio	Lower	Upper
240	100		
120	13.4	11.8	17.8
236	27.0	21.8	32.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.99 ng

RT: 12.68 min Scan# 927

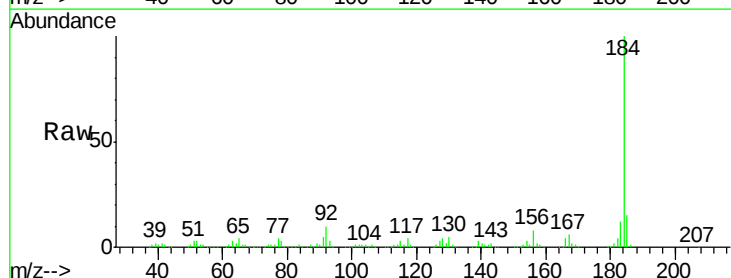
Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion:184 Resp: 651265

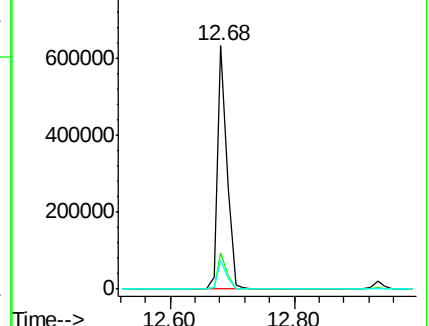
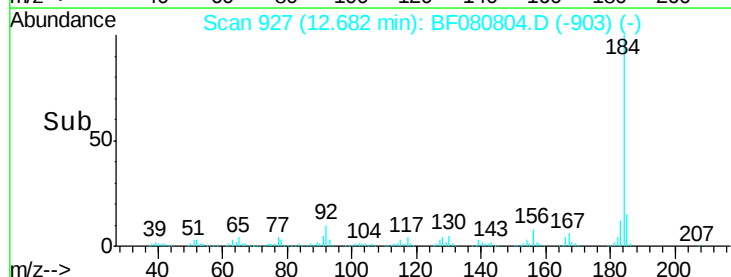
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.0	18.0
183	11.7	9.1	13.7

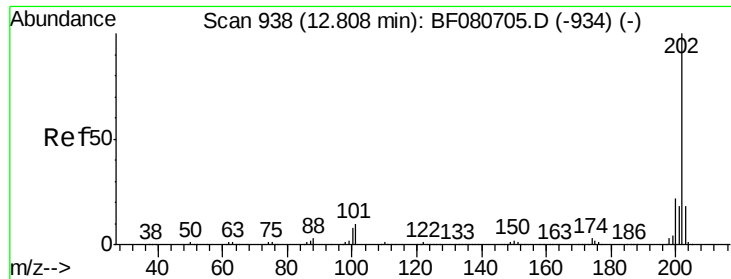


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

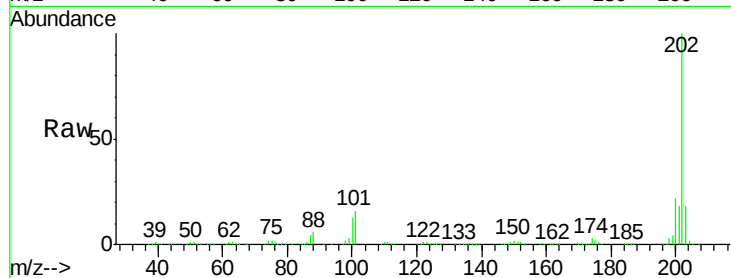




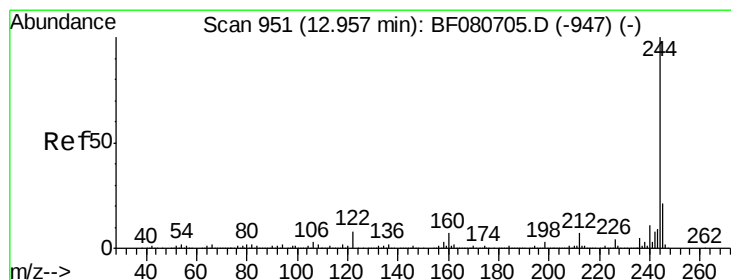
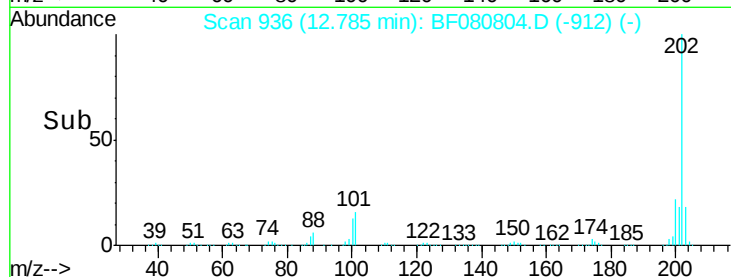
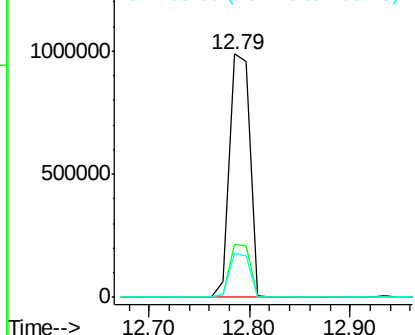
#77
Pvrene
Concen: 33.06 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1390166
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.0 14.2 21.2

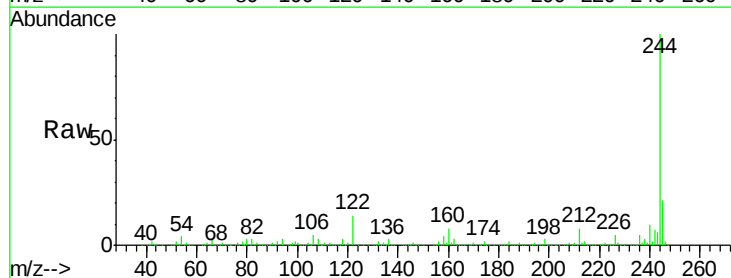


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

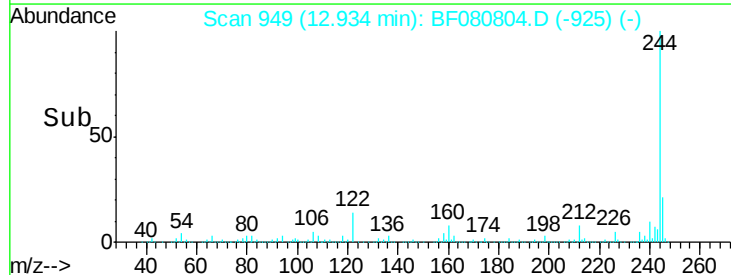
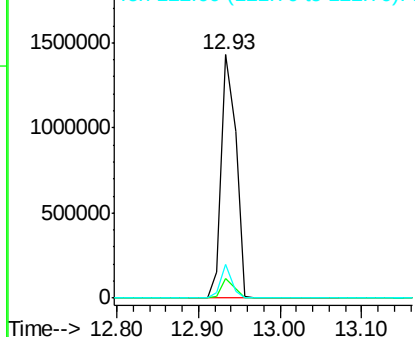


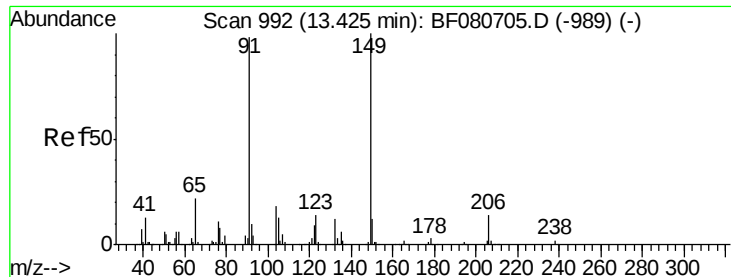
#78
Terphenyl-d14
Concen: 61.61 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion:244 Resp: 1766545
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 13.8 6.6 9.8#



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: 35.10 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampled :

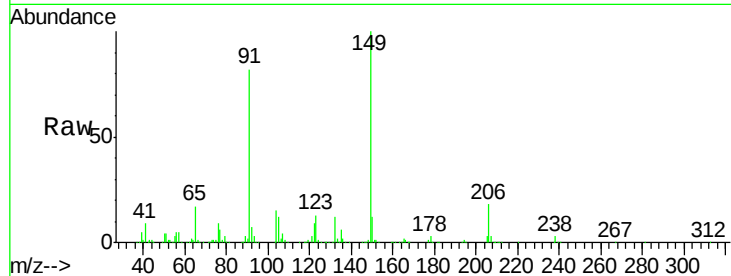
Tot Ion:149 Resp: 605760

Ion Ratio Lower Upper

149 100

91 81.6 78.6 118.0

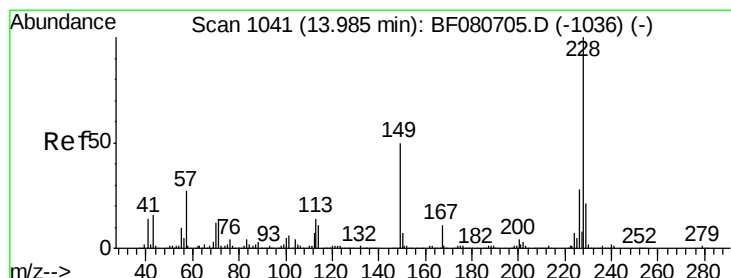
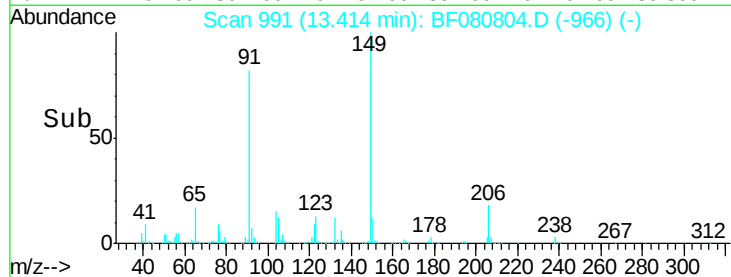
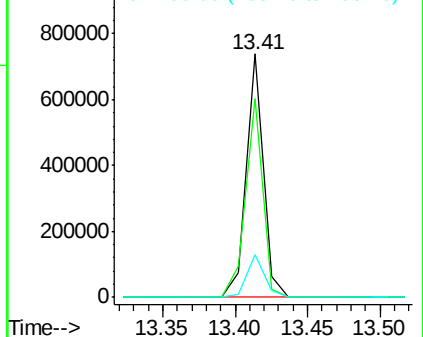
206 17.7 11.4 17.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.20 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

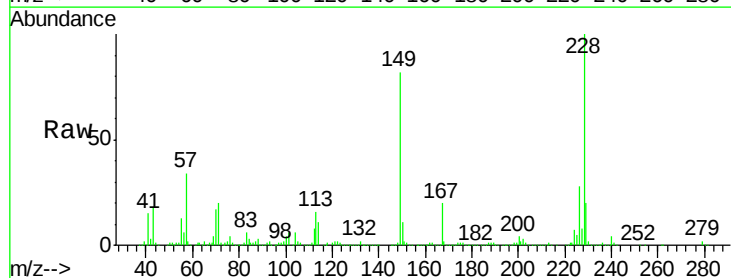
Tgt Ion:228 Resp: 1147938

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

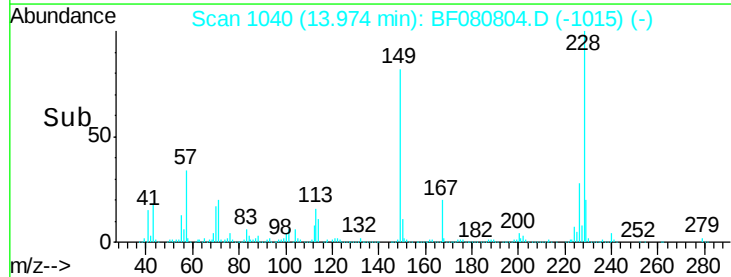
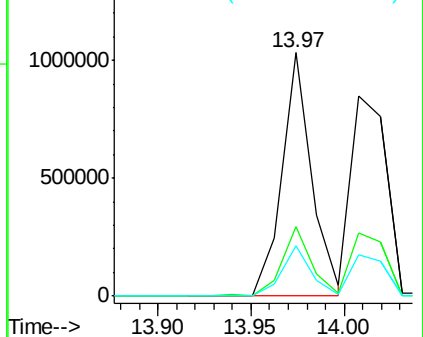
229 20.5 16.6 25.0

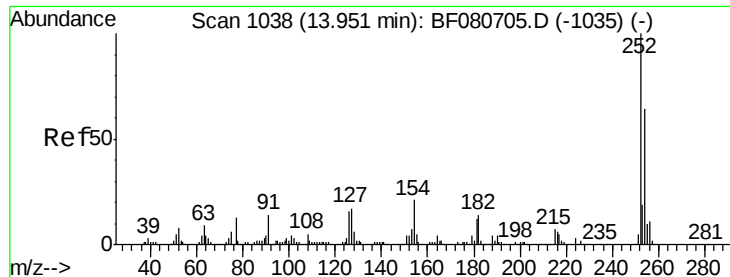


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

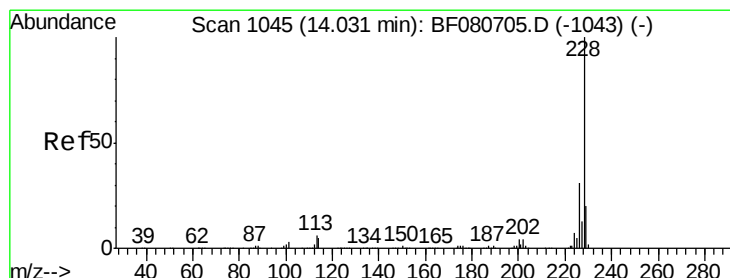
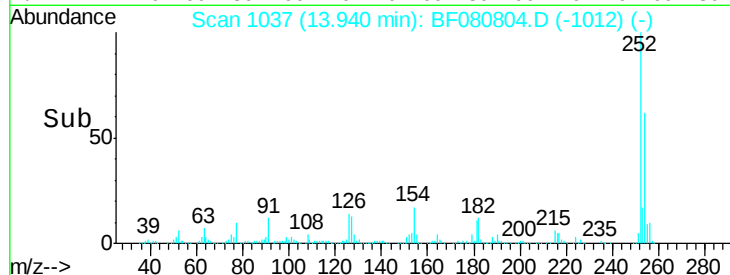
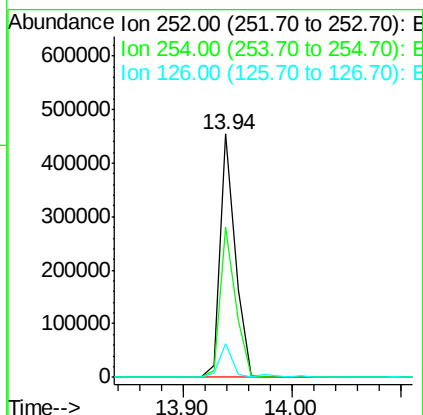
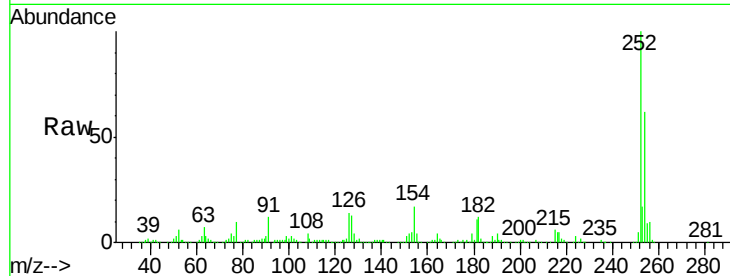




#81
 3,3'-Dichlorobenzidine
 Concen: 39.95 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

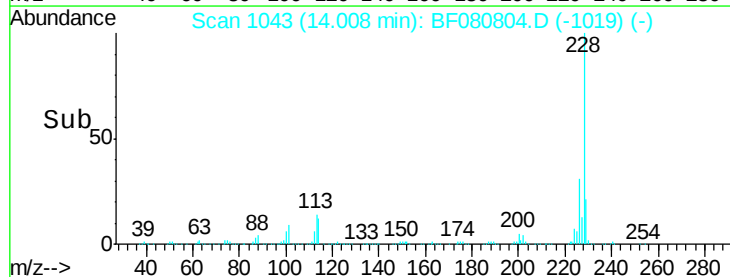
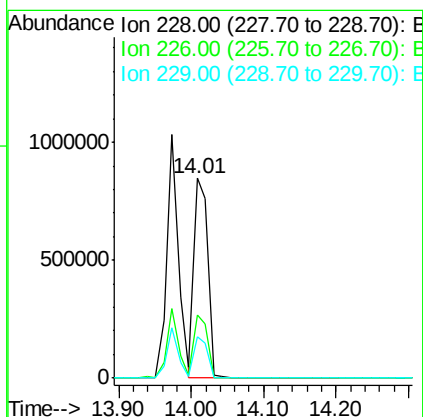
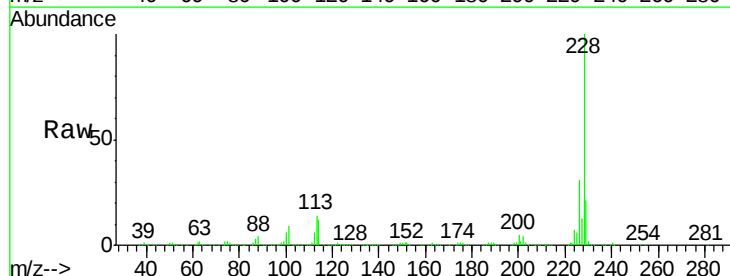
Instrument :
 BNA_F
 ClientSampleId :

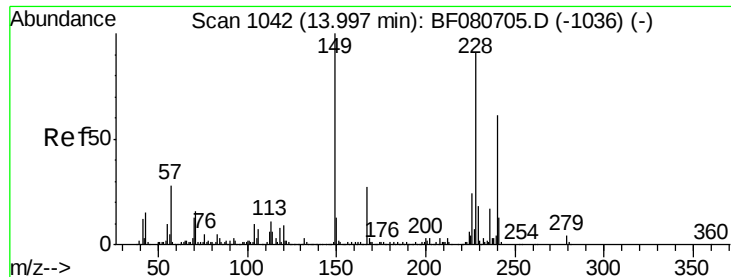
Tot Ion:252 Resp: 444679
 Ion Ratio Lower Upper
 252 100
 254 61.9 51.0 76.4
 126 13.9 13.2 19.8



#82
 Chrysene
 Concen: 35.67 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion:228 Resp: 1129241
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.1 37.7
 229 20.6 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

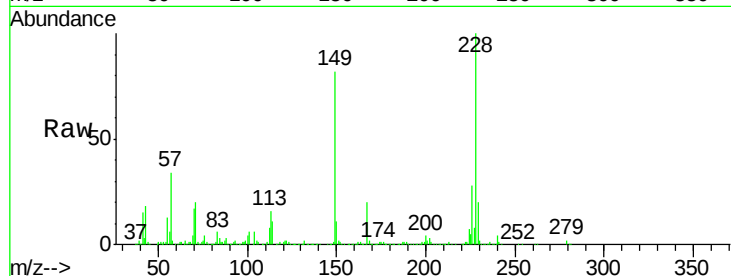
Tot Ion:149 Resp: 753617

Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.8

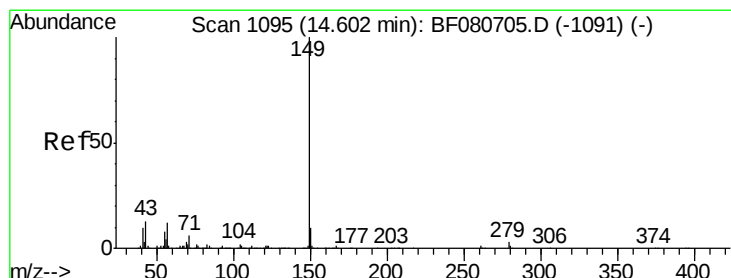
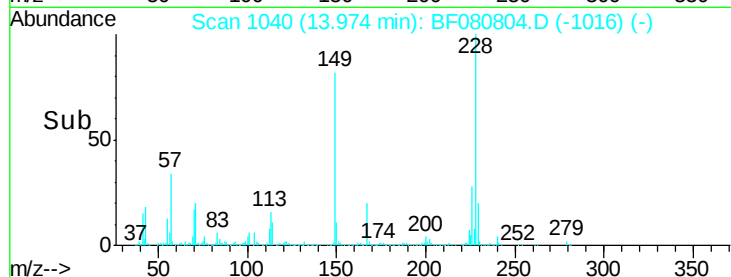
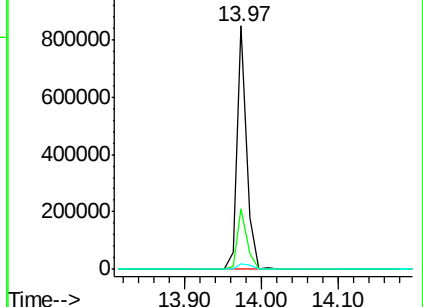
279 2.3 3.4 5.0#



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: 41.60 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

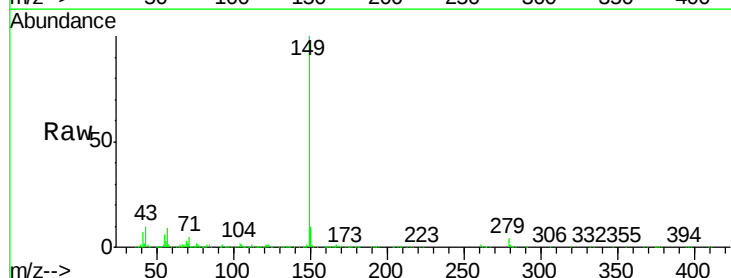
Tgt Ion:149 Resp: 1460403

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

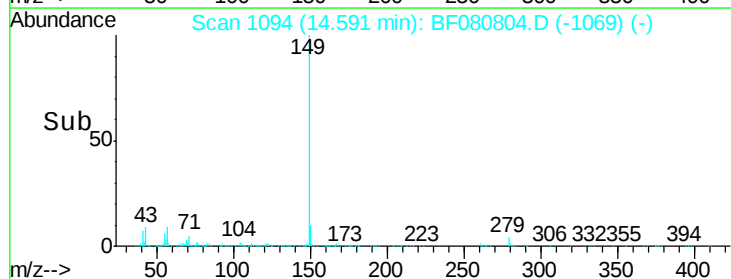
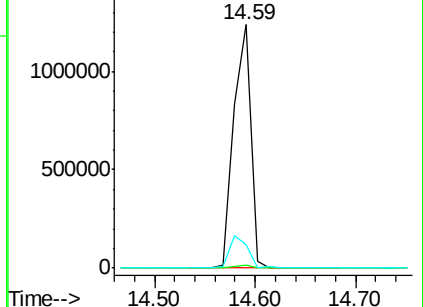
43 14.2 12.2 18.4

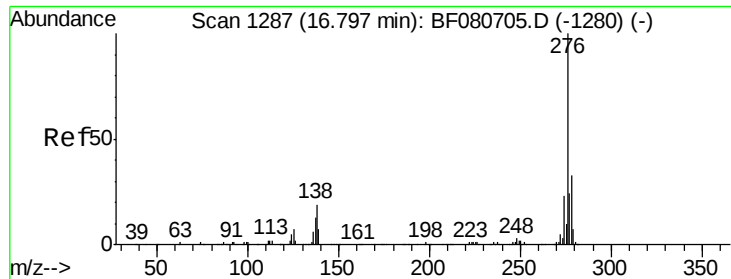


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

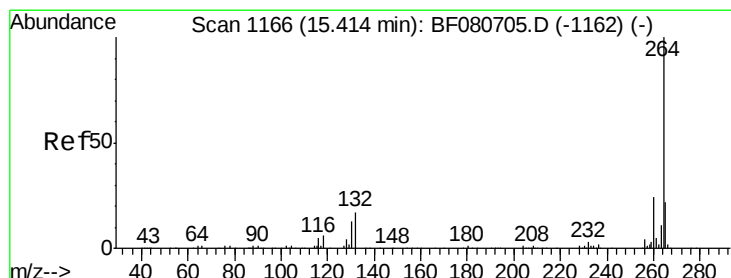
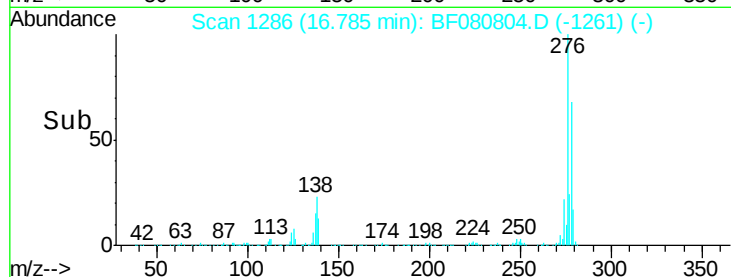
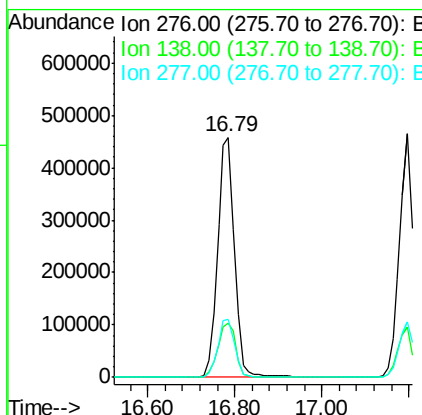
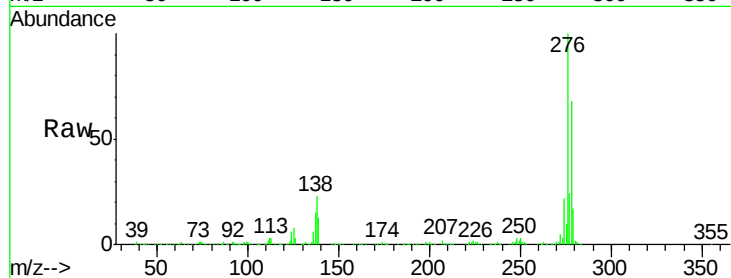




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.11 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

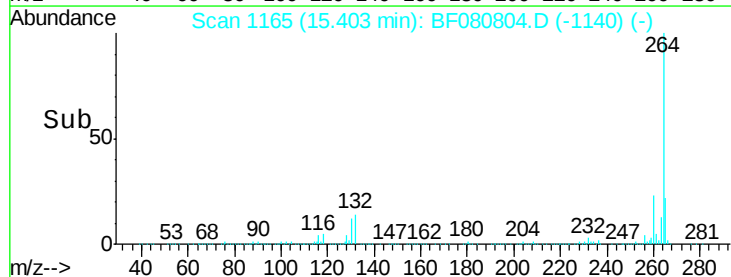
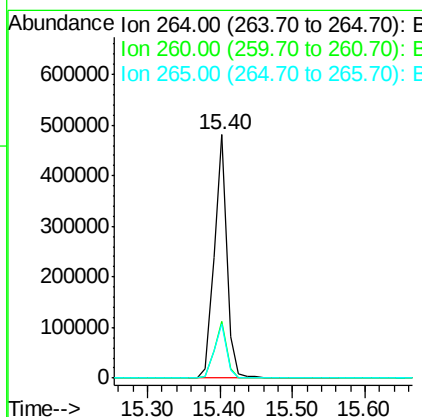
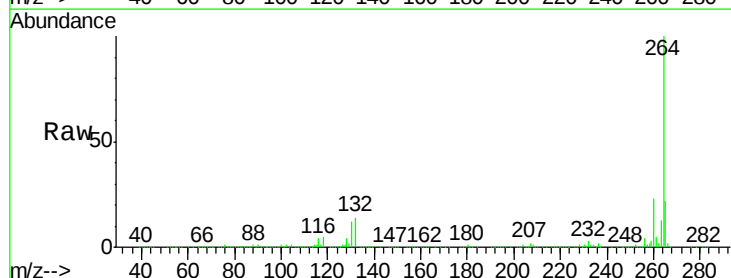
Instrument :
 BNA_F
 ClientSampleId :

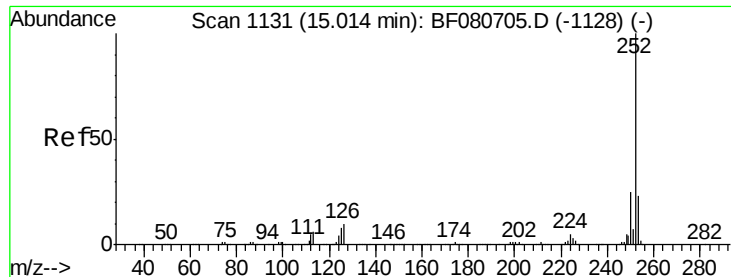
Tot Ion:276 Resp: 1257494
 Ion Ratio Lower Upper
 276 100
 138 24.3 13.2 19.8#
 277 24.9 15.4 23.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion:264 Resp: 578327
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 22.0 17.3 25.9

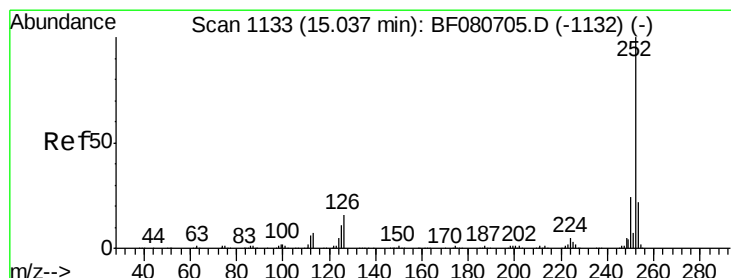
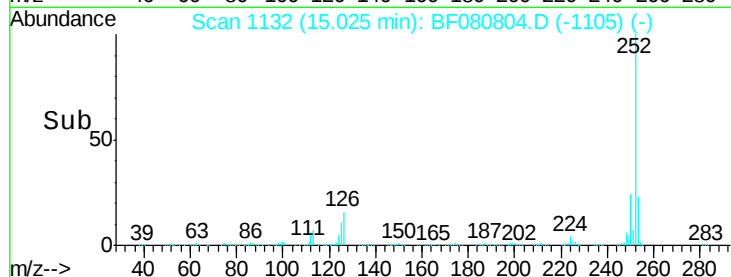
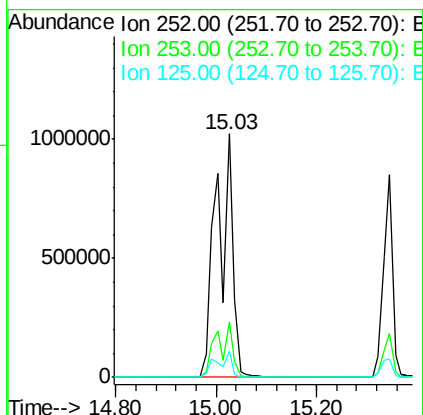
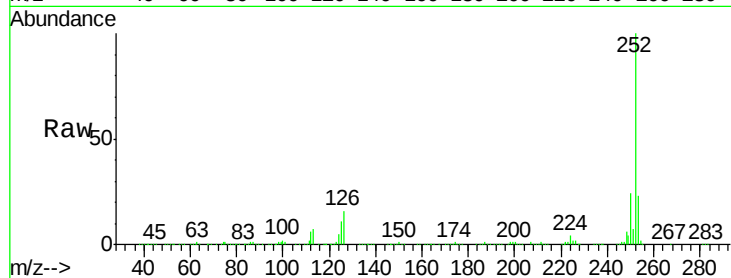




#87
Benzo(b)fluoranthene
Concen: 65.95 ng
RT: 15.03 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

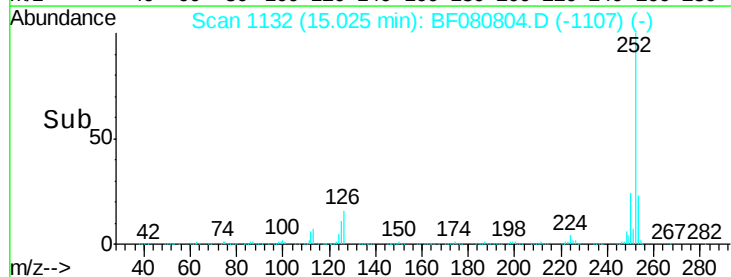
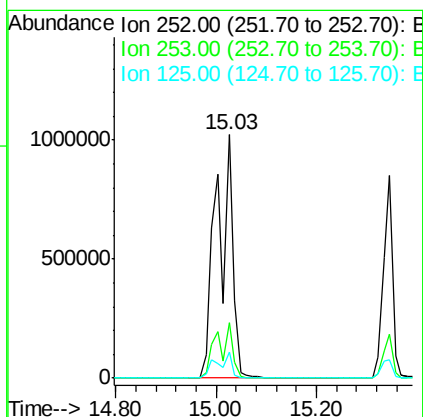
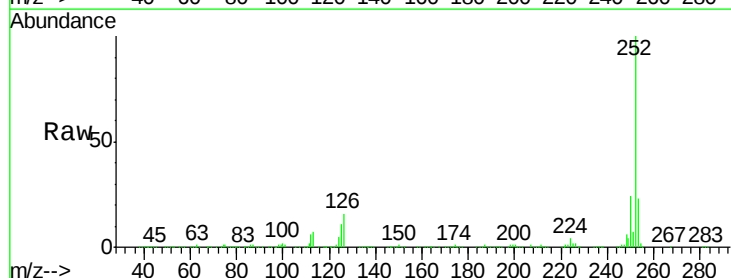
Instrument :
BNA_F
ClientSampleId :

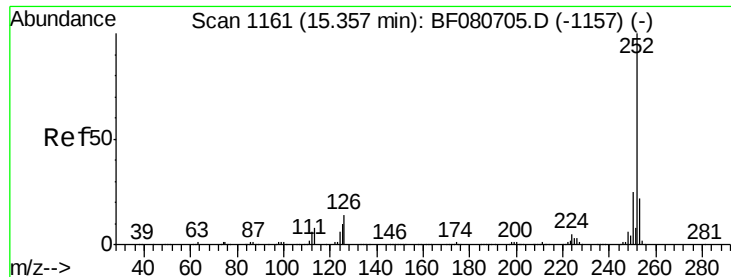
Tot Ion:252 Resp: 2278164
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 10.7 6.2 9.2#



#88
Benzo(k)fluoranthene
Concen: 80.13 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion:252 Resp: 2278164
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.7 9.0 13.4

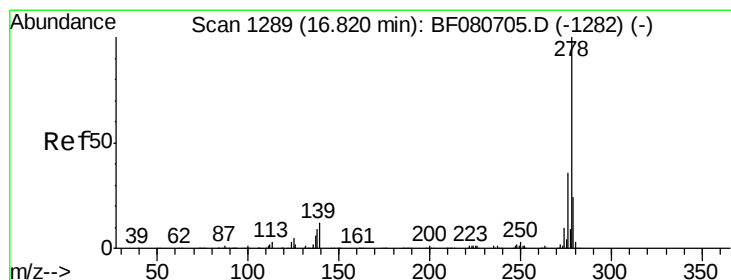
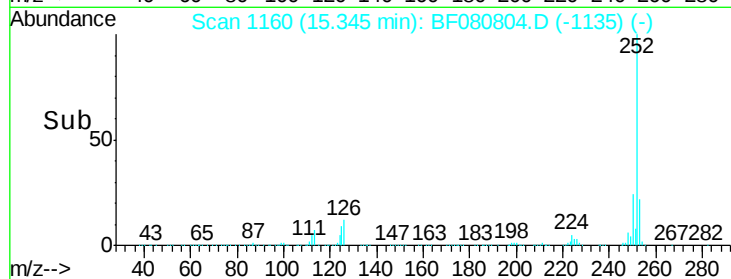
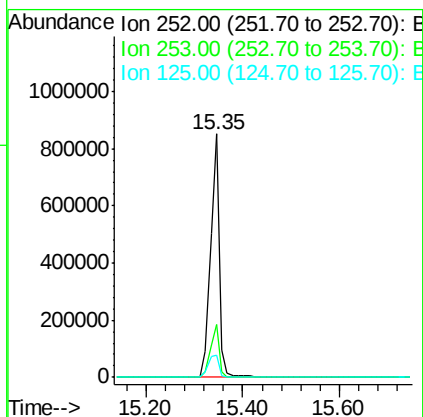
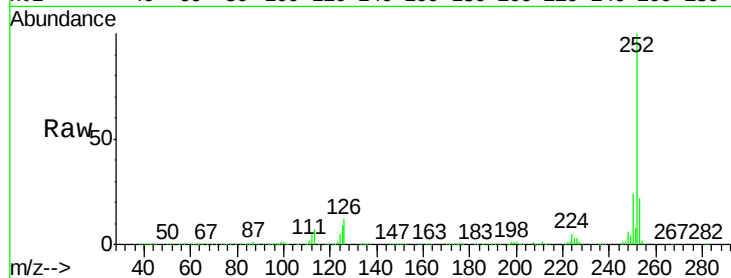




#89
Benzo(a)pyrene
Concen: 38.44 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

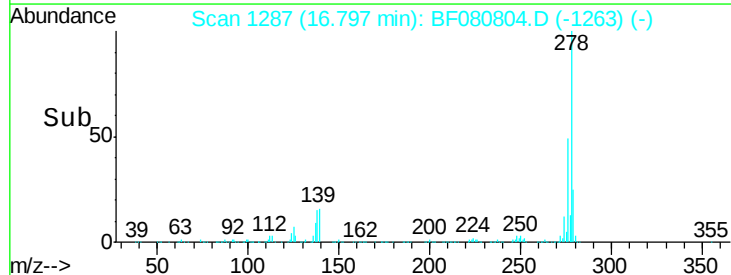
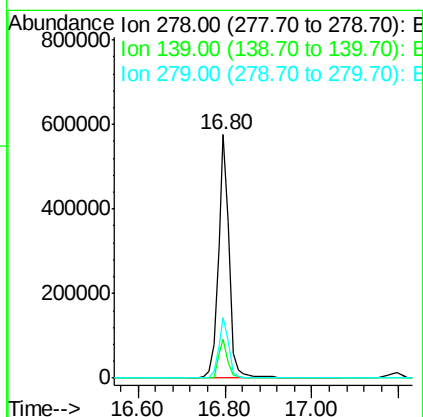
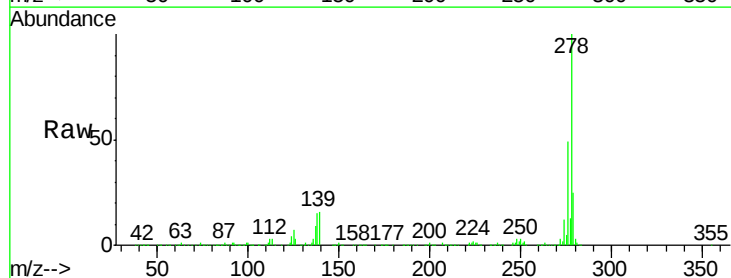
Instrument :
BNA_F
ClientSampleId :

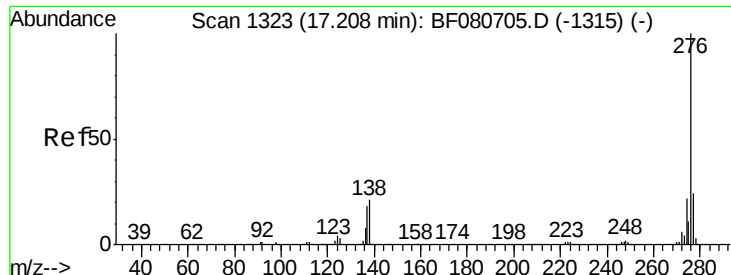
Tot Ion:252 Resp: 1090294
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.4 8.2 12.4



#90
Dibenzo(a,h)anthracene
Concen: 40.13 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion:278 Resp: 1018894
Ion Ratio Lower Upper
278 100
139 16.2 9.8 14.8#
279 25.1 19.4 29.2

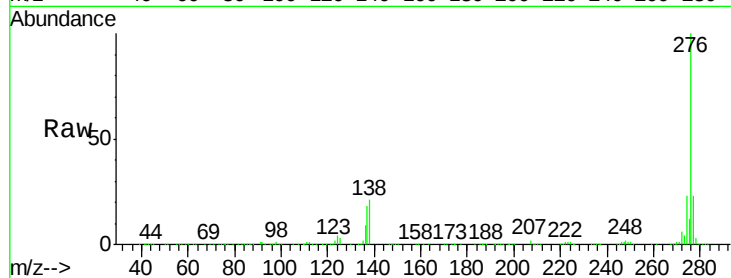




#91
 Benzo(a,h,i)perylene
 Concen: 40.13 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1002633
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.9 28.3
 138 20.9 16.9 25.3



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

