

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080718.D
 Acq On : 31 Jul 2015 4:32
 Operator : TP/UM
 Sample : G3077-11MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

Quant Time: Jul 31 05:50:46 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	6.85	152	158830	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	594927	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	314520	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	575450	20.00	ng	0.00
75) Chrysene-d12	14.00	240	341370	20.00	ng	0.00
86) Perylene-d12	15.41	264	287562	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1158845	125.16	ng	0.03
7) Phenol-d6	6.49	99	1356066	107.58	ng	0.00
23) Nitrobenzene-d5	7.42	82	1165986	94.91	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	470317	144.11	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1839460	87.25	ng	0.00
78) Terphenyl-d14	12.96	244	1746724	96.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	177583	38.89	ng	# 80
3) Pyridine	3.37	79	428382	33.82	ng	99
4) n-Nitrosodimethylamine	3.30	42	298757	41.26	ng	99
6) Aniline	6.52	93	220755	12.17	ng	96
8) 2-Chlorophenol	6.65	128	427738	41.22	ng	# 81
9) Benzaldehyde	6.40	77	93571	10.07	ng	83
10) Phenol	6.50	94	510179	34.98	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	437003	41.94	ng	99
12) 1,3-Dichlorobenzene	6.80	146	455015	39.38	ng	100
13) 1,4-Dichlorobenzene	6.88	146	474343	40.25	ng	99
14) 1,2-Dichlorobenzene	7.02	146	429156	39.84	ng	98
15) Benzyl Alcohol	7.00	79	461890	44.12	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	968540	43.51	ng	99
17) 2-Methylphenol	7.10	107	366304	43.00	ng	99
18) Hexachloroethane	7.37	117	176896	40.21	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	376689	44.38	ng	# 97
20) 3+4-Methylphenols	7.26	107	454705	43.26	ng	91
22) Acetophenone	7.26	105	603307	42.01	ng	# 95
24) Nitrobenzene	7.44	77	509774	41.42	ng	98
25) Isophorone	7.68	82	959136	43.90	ng	99
26) 2-Nitrophenol	7.76	139	239967	48.03	ng	95
27) 2,4-Dimethylphenol	7.79	122	402806	42.92	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	610658	47.18	ng	99
29) 2,4-Dichlorophenol	8.00	162	389220	46.65	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	374816	41.20	ng	98
31) Naphthalene	8.16	128	1169657	39.39	ng	100
32) Benzoic acid	7.89	122	166834	25.50	ng	98
33) 4-Chloroaniline	8.20	127	103721	8.28	ng	# 89
34) Hexachlorobutadiene	8.28	225	253067	43.08	ng	98
35) Caprolactam	8.58	113	70172	28.09	ng	# 63
36) 4-Chloro-3-methylphenol	8.69	107	434781	48.34	ng	90
37) 2-Methylnaphthalene	8.85	142	871183	46.74	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	353733	35.81	ng	99
40) Hexachlorocyclopentadiene	9.01	237	481827	79.29	ng	98

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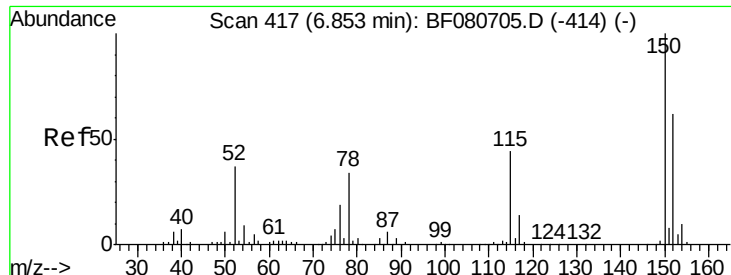
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.13	196	308898	44.96	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	269271	39.51	ng	# 90
45) 1,1'-Biphenyl	9.31	154	945498	39.21	ng	95
46) 2-Chloronaphthalene	9.33	162	780228	39.61	ng	# 90
47) 2-Nitroaniline	9.44	65	328357	42.84	ng	99
48) Acenaphthylene	9.76	152	1327032	42.37	ng	100
49) Dimethylphthalate	9.62	163	929180	41.92	ng	99
50) 2,6-Dinitrotoluene	9.68	165	205142	43.61	ng	98
51) Acenaphthene	9.93	154	856847	44.84	ng	99
52) 3-Nitroaniline	9.84	138	79420	14.63	ng	# 53
53) 2,4-Dinitrophenol	9.94	184	134234	53.58	ng	90
54) Dibenzofuran	10.10	168	1163773	45.54	ng	98
55) 4-Nitrophenol	10.00	139	260576	65.16	ng	# 54
56) 2,4-Dinitrotoluene	10.08	165	256036	41.51	ng	# 88
57) Fluorene	10.44	166	867448	43.73	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	237990	46.30	ng	95
59) Diethylphthalate	10.32	149	899105	42.08	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	381209	44.42	ng	97
61) 4-Nitroaniline	10.45	138	180728	36.88	ng	99
62) Azobenzene	10.59	77	1101942	47.61	ng	99
64) 4,6-Dinitro-2-methylphenol	10.48	198	110676	31.94	ng	96
65) n-Nitrosodiphenylamine	10.56	169	797415	42.27	ng	96
66) 4-Bromophenyl-phenylether	10.92	248	281644	47.41	ng	97
67) Hexachlorobenzene	10.98	284	281409	40.97	ng	97
68) Atrazine	11.08	200	281203	Below	Cal	93
69) Pentachlorophenol	11.17	266	312719	75.24	ng	99
70) Phenanthrene	11.39	178	1172156	40.43	ng	99
71) Anthracene	11.45	178	1281910	45.00	ng	100
72) Carbazole	11.60	167	992728	40.15	ng	99
73) Di-n-butylphthalate	11.94	149	1483438	48.38	ng	99
74) Fluoranthene	12.58	202	1283402	45.79	ng	99
76) Benzidine	12.69	184	215220	17.32	ng	100
77) Pyrene	12.81	202	1286757	48.60	ng	98
79) Butylbenzylphthalate	13.43	149	503347	45.80	ng	97
80) Benzo(a)anthracene	13.99	228	883762	43.05	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	103220	14.73	ng	# 96
82) Chrysene	14.03	228	843303	42.32	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	673939	51.13	ng	99
84) Di-n-octyl phthalate	14.60	149	1108935	50.18	ng	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	686311	38.59	ng	# 87
87) Benzo(b)fluoranthene	15.04	252	1430163	83.26	ng	# 97
88) Benzo(k)fluoranthene	15.04	252	1431311	101.25	ng	99
89) Benzo(a)pyrene	15.36	252	658513	46.70	ng	98
90) Dibenzo(a,h)anthracene	16.81	278	582743	46.16	ng	# 97
91) Benzo(g,h,i)perylene	17.21	276	573923	46.20	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

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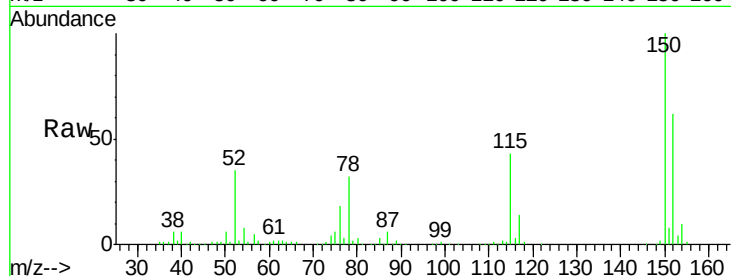
Tgt Ion:152 Resp: 158830

Ion Ratio Lower Upper

152 100

150 161.7 129.6 194.4

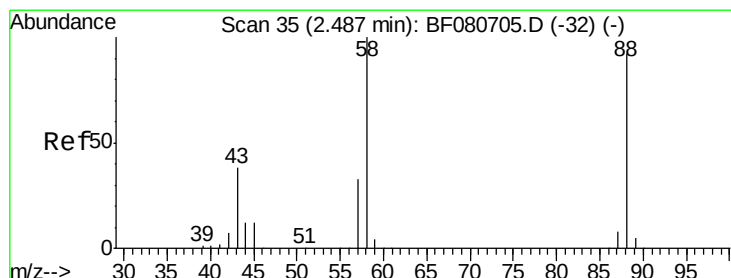
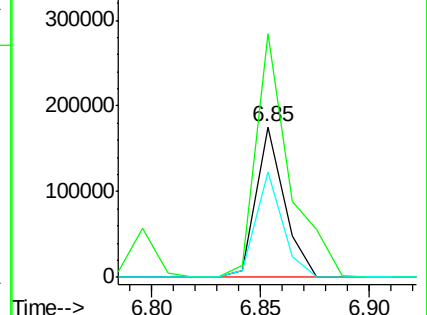
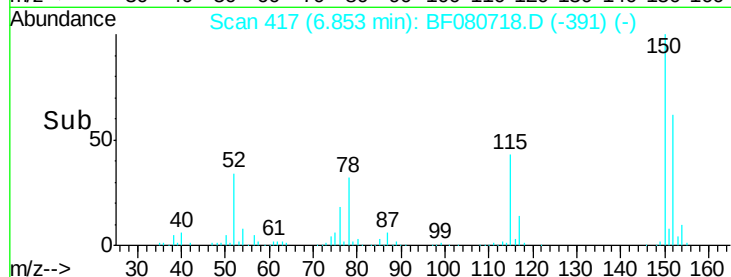
115 69.9 56.6 85.0



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: 38.89 ng

RT: 2.69 min Scan# 53

Delta R.T. 0.21 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

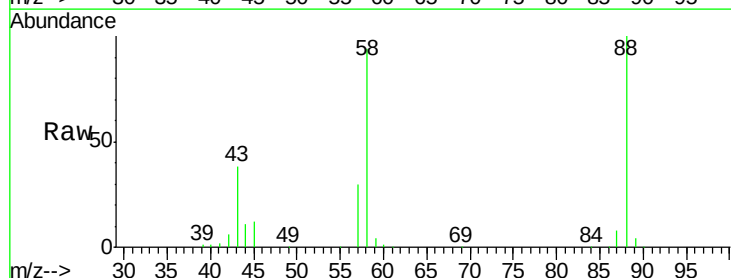
Tgt Ion: 88 Resp: 177583

Ion Ratio Lower Upper

88 100

58 100.1 82.3 123.5

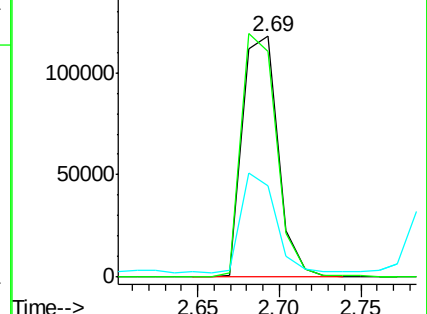
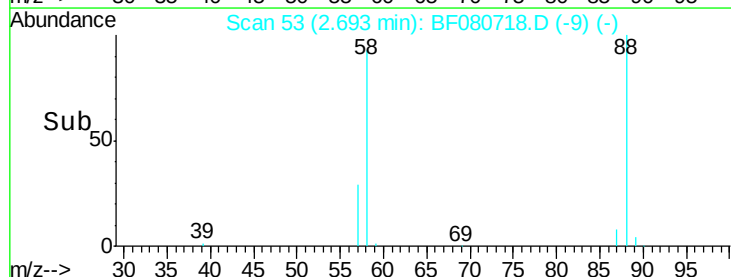
43 0.0 31.7 47.5#

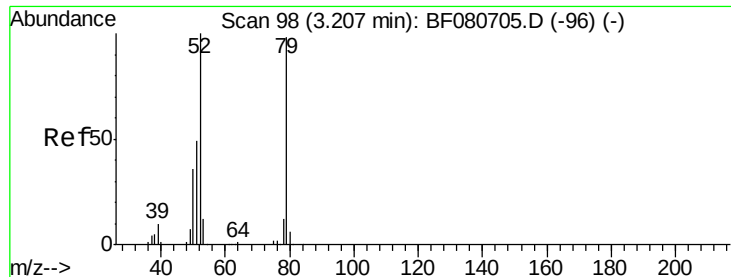


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.82 ng

RT: 3.37 min Scan# 112

Delta R.T. 0.16 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

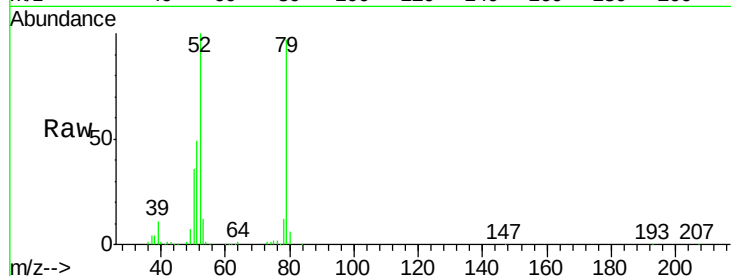
Tgt Ion: 79 Resp: 428382

Ion Ratio Lower Upper

79 100

52 102.7 81.6 122.4

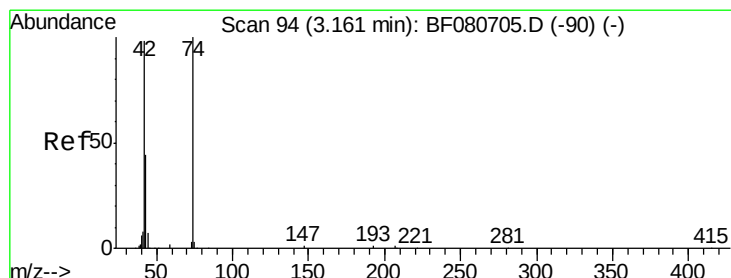
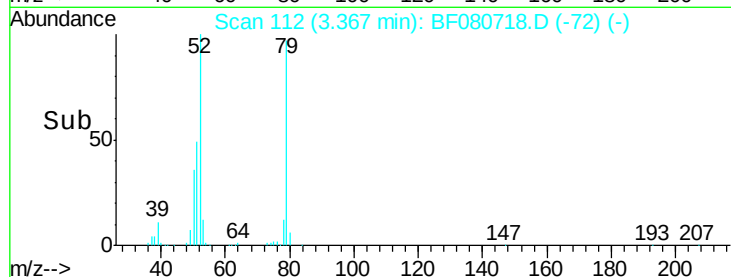
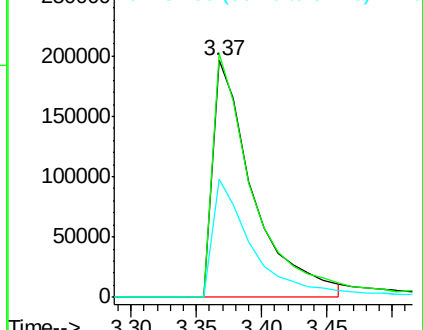
51 50.0 40.2 60.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.26 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.14 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

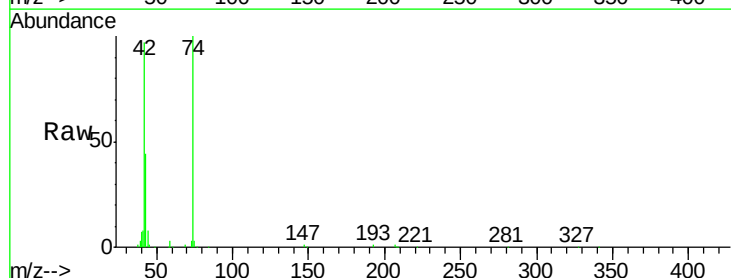
Tgt Ion: 42 Resp: 298757

Ion Ratio Lower Upper

42 100

74 102.9 81.5 122.3

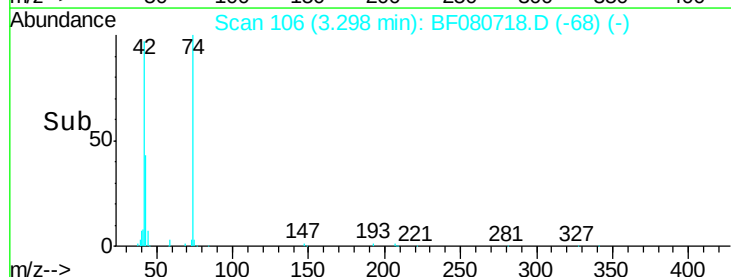
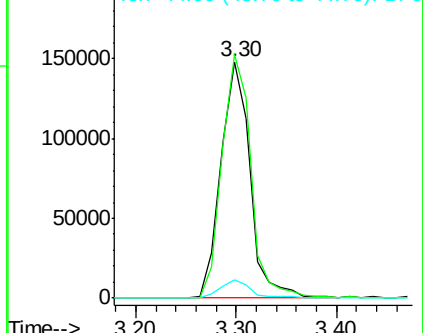
44 7.9 5.6 8.4

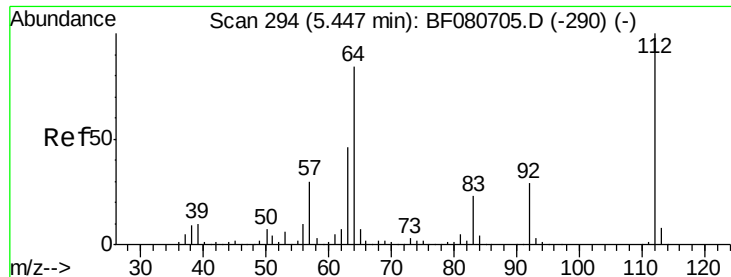


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.16 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.03 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

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ClientSampleId :

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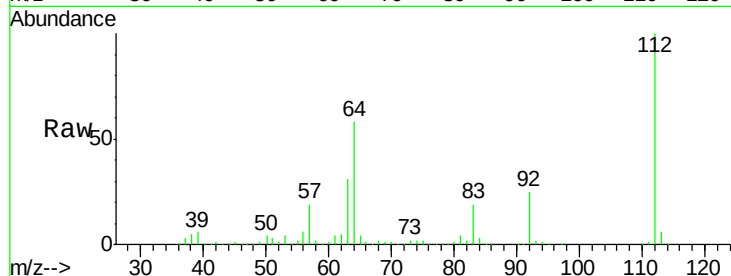
Tgt Ion: 112 Resp: 1158845

Ion Ratio Lower Upper

112 100

64 57.6 66.8 100.2#

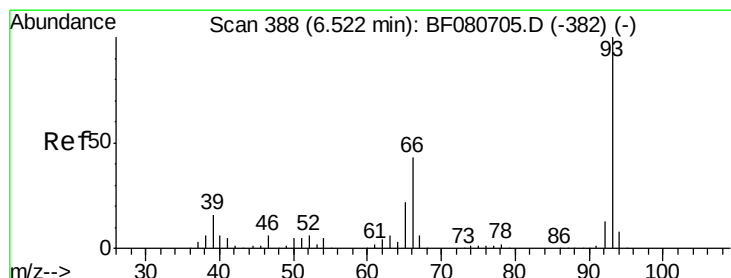
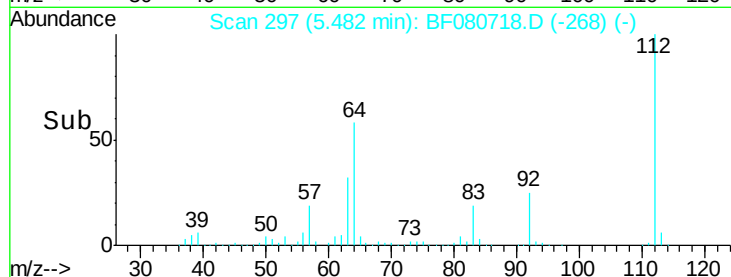
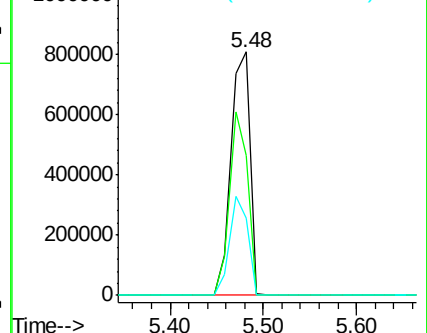
63 31.5 36.7 55.1#



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: 12.17 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

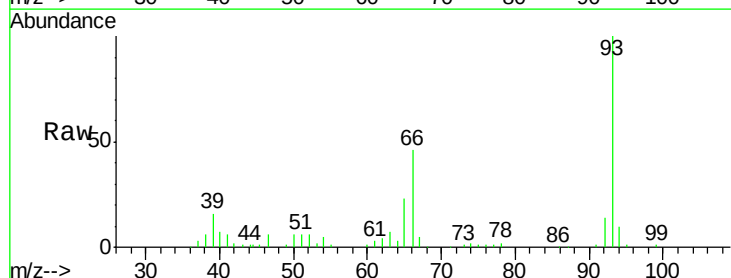
Tgt Ion: 93 Resp: 220755

Ion Ratio Lower Upper

93 100

66 45.7 34.3 51.5

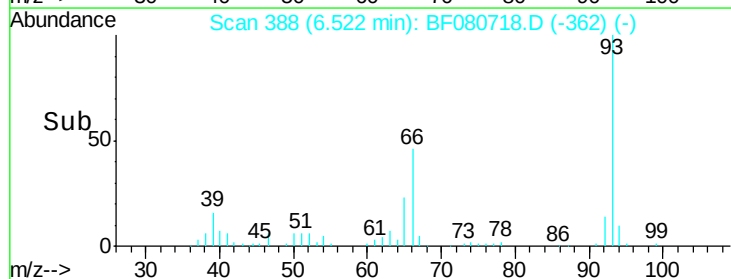
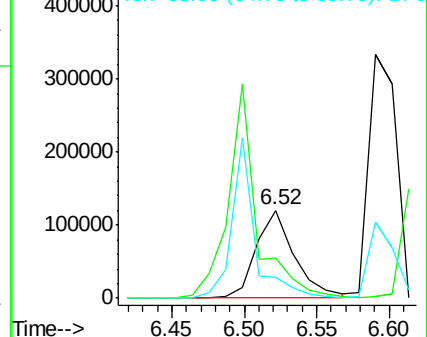
65 23.1 17.6 26.4

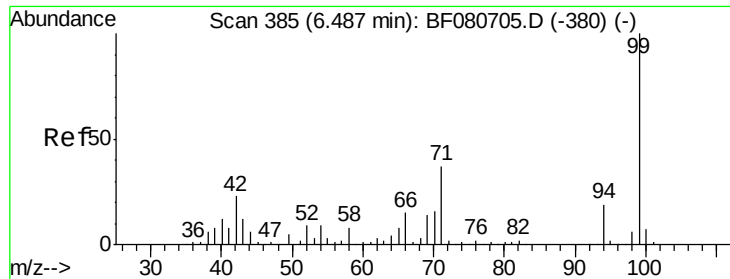


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.58 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080718.D

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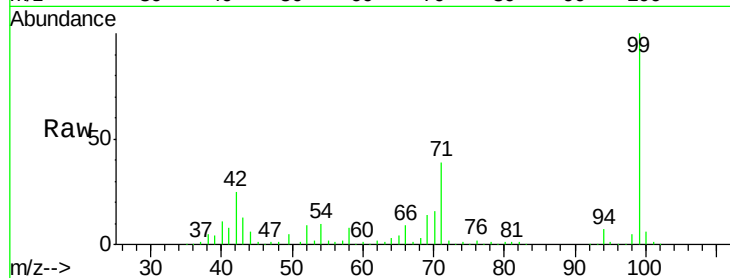
Tgt Ion: 99 Resp: 1356066

Ion Ratio Lower Upper

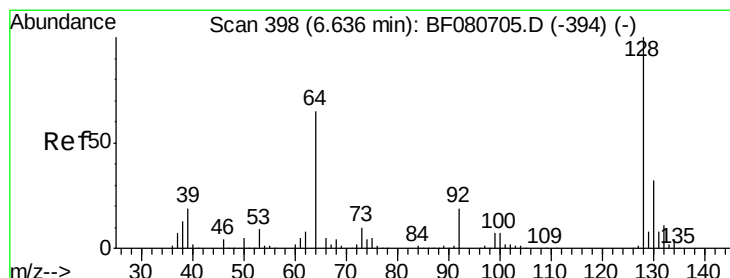
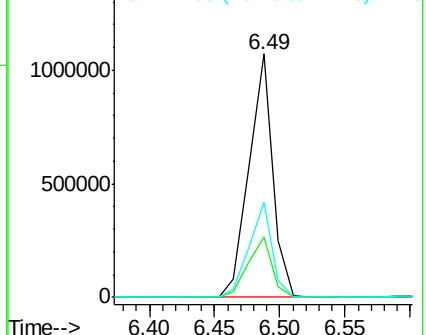
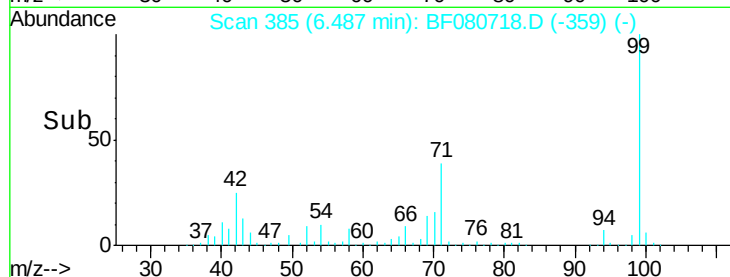
99 100

42 24.8 18.2 27.2

71 39.1 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: 41.22 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

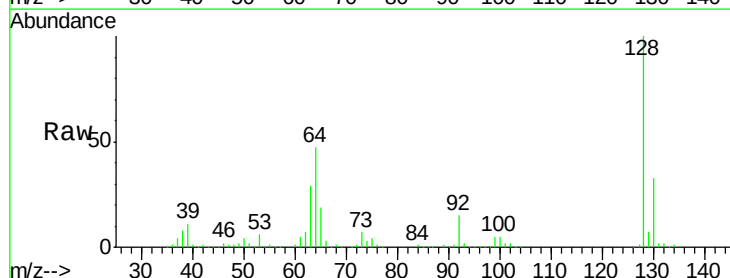
Tgt Ion: 128 Resp: 427738

Ion Ratio Lower Upper

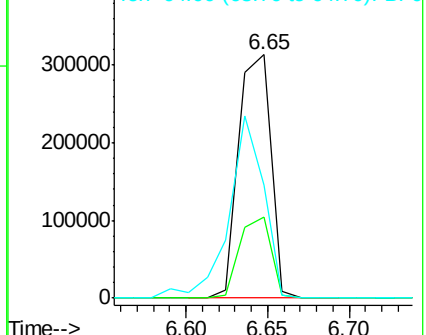
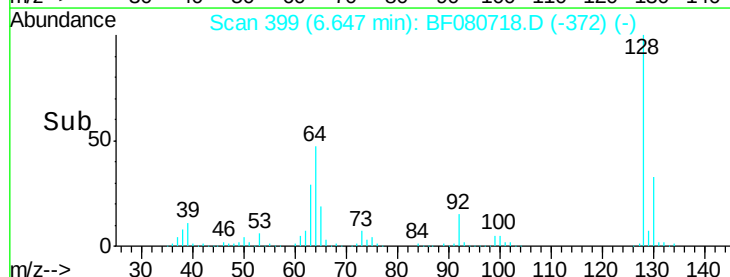
128 100

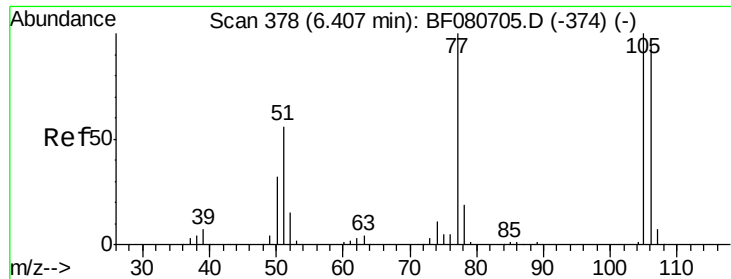
130 33.2 11.7 51.7

64 46.6 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: 10.07 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080718.D

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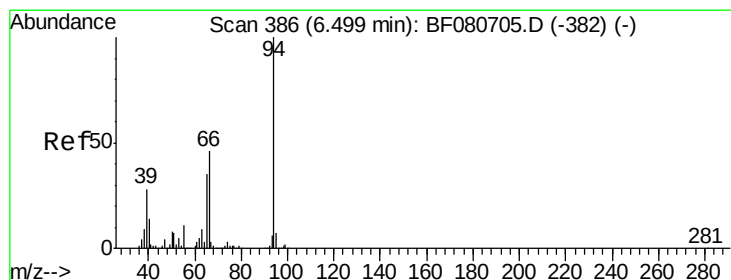
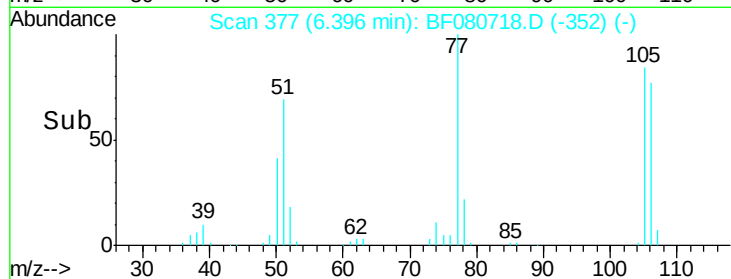
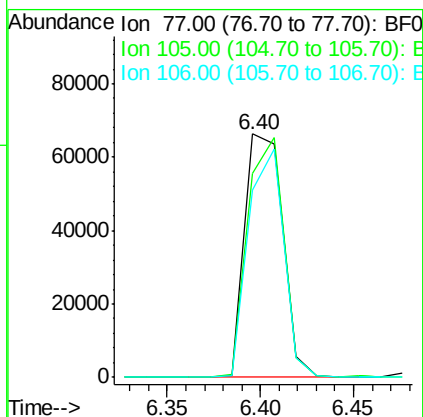
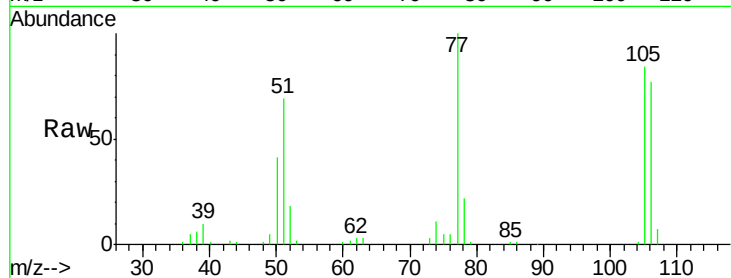
Tgt Ion: 77 Resp: 93571

Ion Ratio Lower Upper

77 100

105 83.6 80.2 120.2

106 76.7 74.2 114.2



#10

Phenol

Concen: 34.98 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

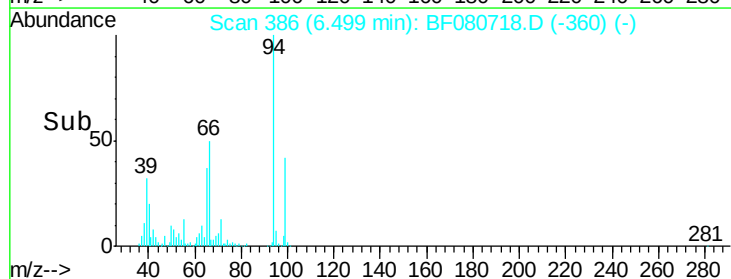
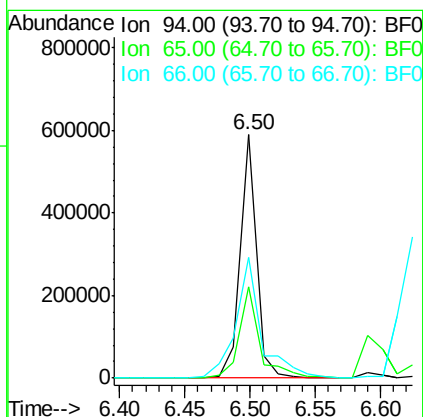
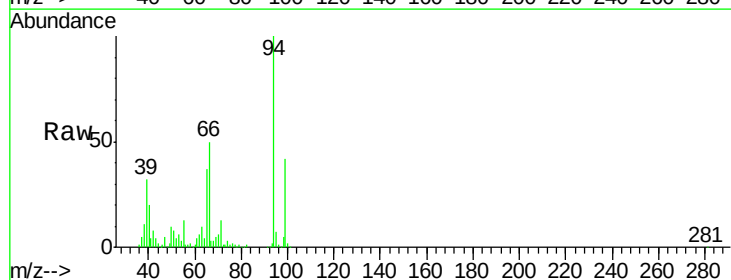
Tgt Ion: 94 Resp: 510179

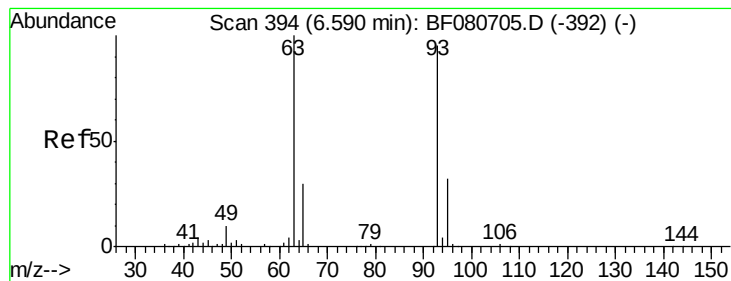
Ion Ratio Lower Upper

94 100

65 37.3 14.7 54.7

66 49.8 25.9 65.9

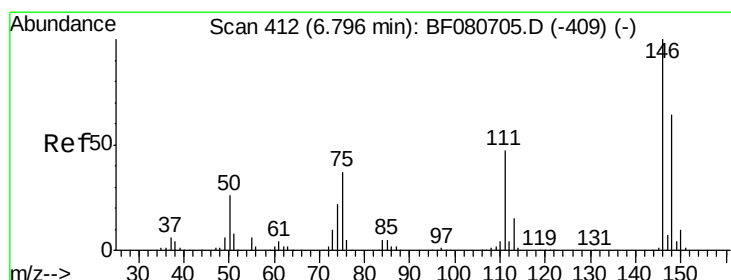
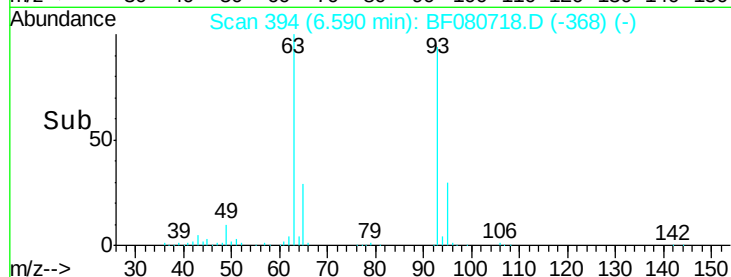
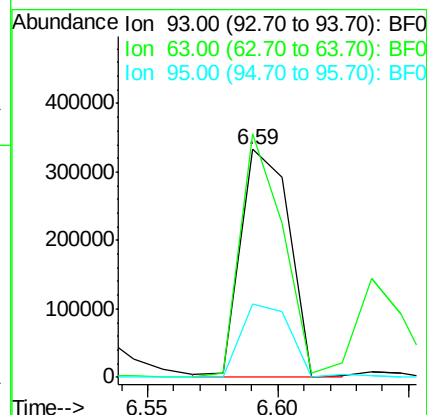
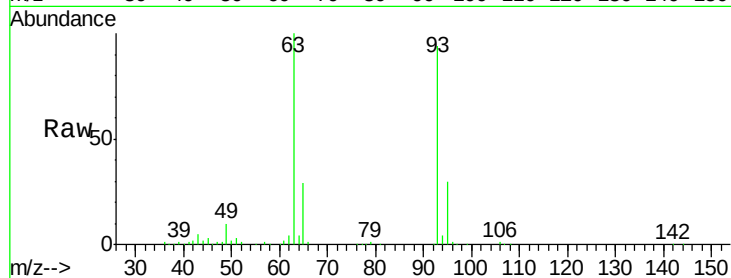




#11
bis(2-Chloroethyl)ether
Concen: 41.94 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

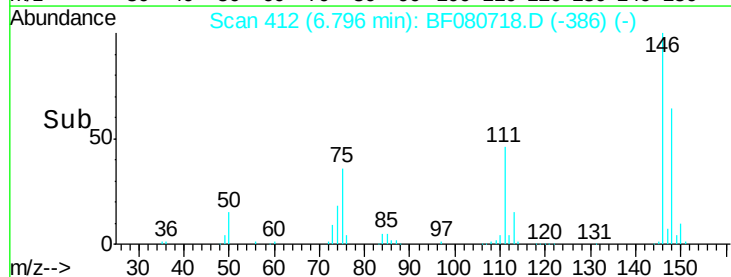
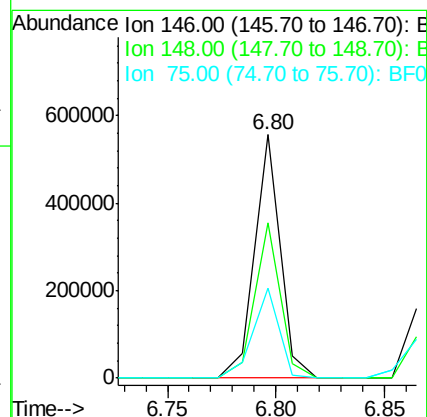
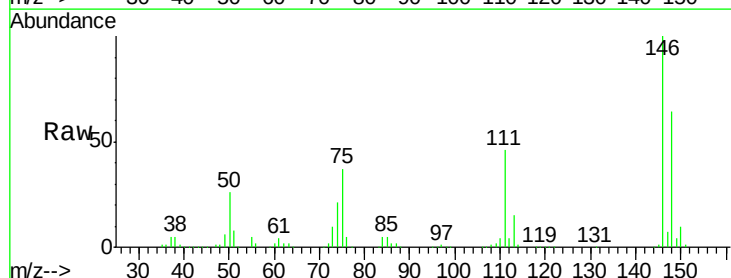
Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

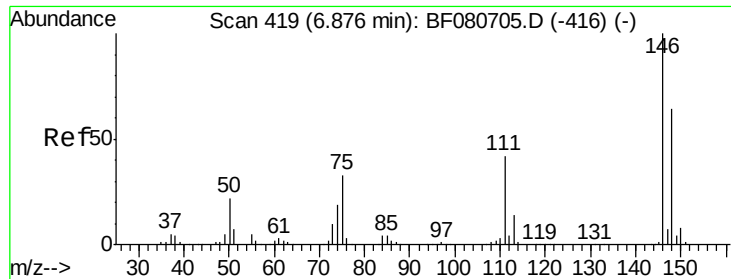
Tgt Ion: 93 Resp: 437003
Ion Ratio Lower Upper
93 100
63 106.8 85.3 125.3
95 32.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.38 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion: 146 Resp: 455015
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
75 37.0 29.4 44.0

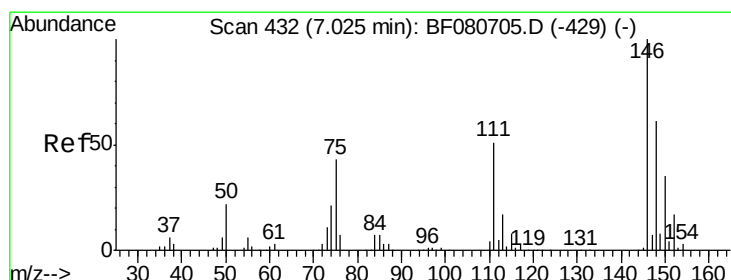
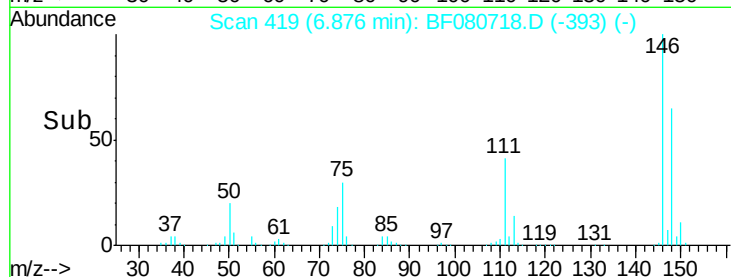
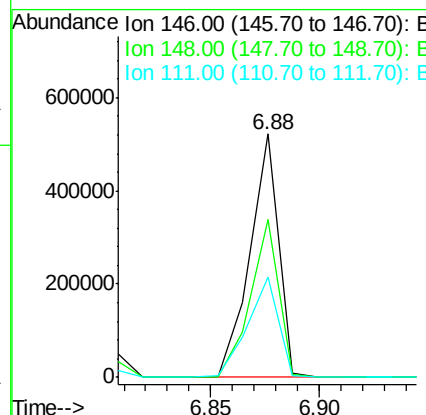
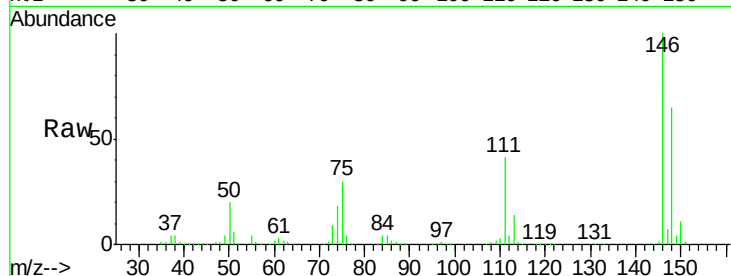




#13
 1,4-Dichlorobenzene
 Concen: 40.25 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

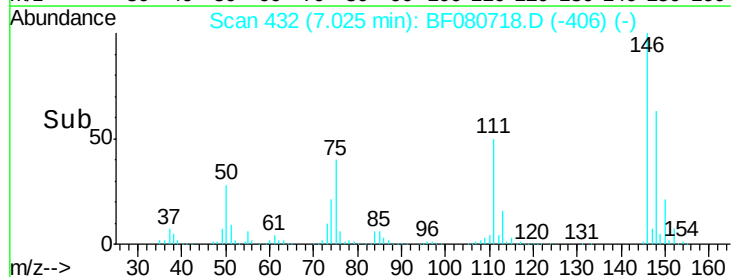
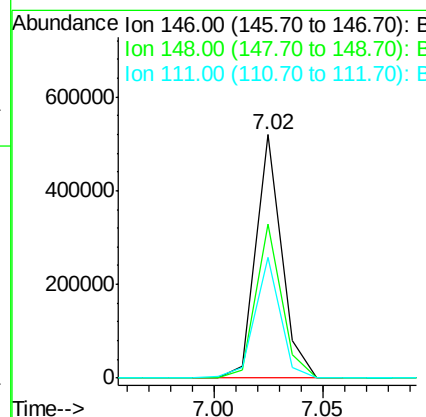
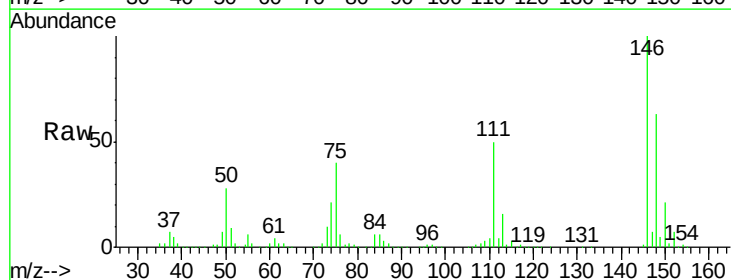
Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

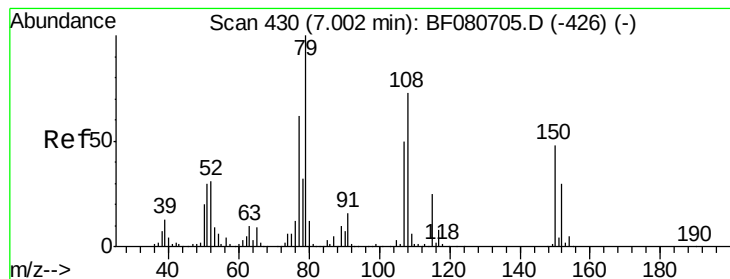
Tgt Ion:146 Resp: 474343
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 111 41.2 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 39.84 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion:146 Resp: 429156
 Ion Ratio Lower Upper
 146 100
 148 63.2 49.2 73.8
 111 49.6 41.0 61.4





#15

Benzyl Alcohol

Concen: 44.12 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

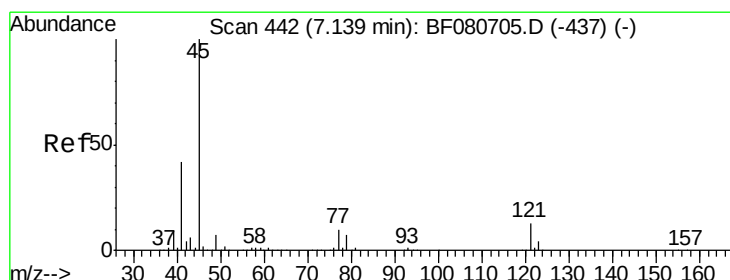
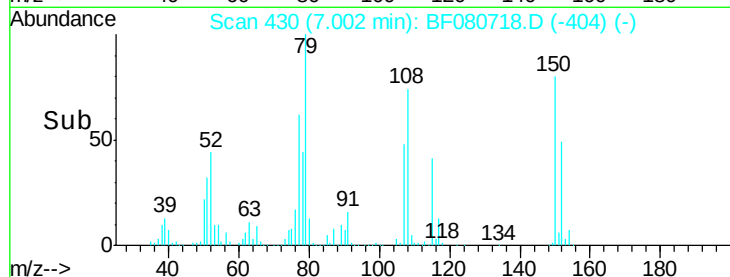
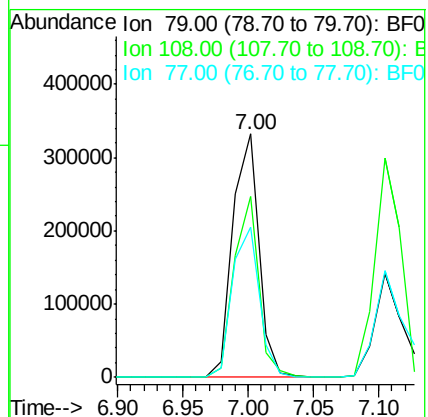
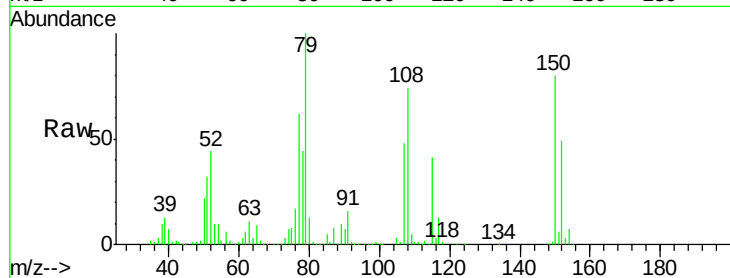
Tgt Ion: 79 Resp: 461890

Ion Ratio Lower Upper

79 100

108 74.1 58.7 88.1

77 61.6 49.8 74.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.51 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

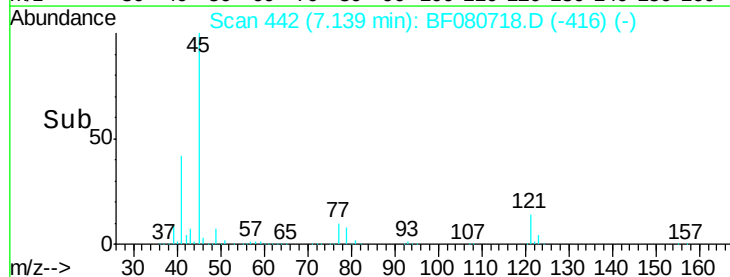
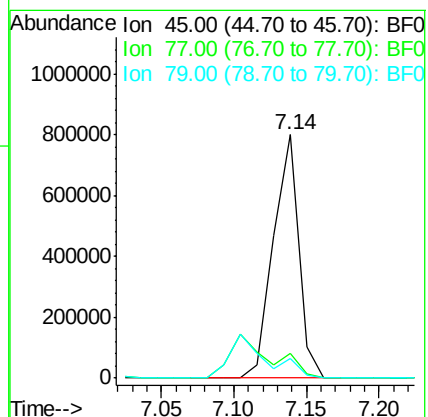
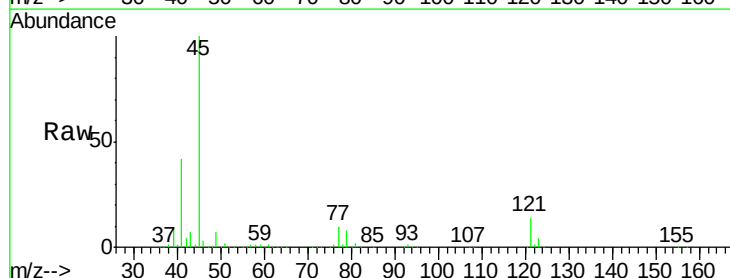
Tgt Ion: 45 Resp: 968540

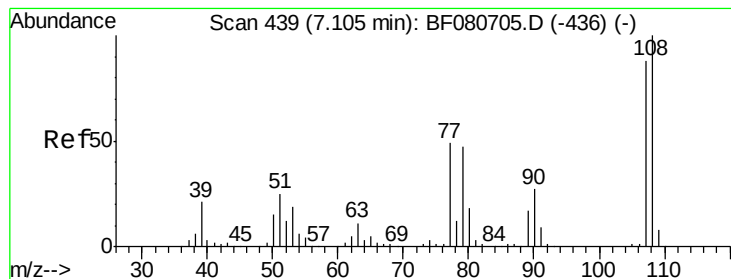
Ion Ratio Lower Upper

45 100

77 10.1 0.0 29.9

79 8.0 0.0 27.4





#17

2-Methylphenol

Concen: 43.00 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

Tgt Ion:107 Resp: 366304

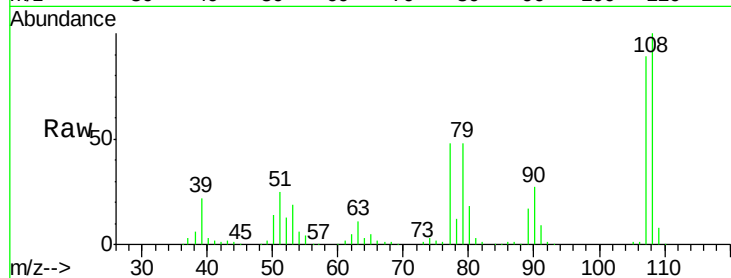
Ion Ratio Lower Upper

107 100

108 112.2 90.8 136.2

77 54.3 44.6 67.0

79 53.4 42.9 64.3

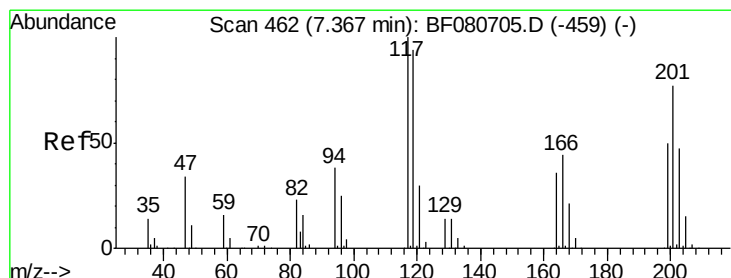
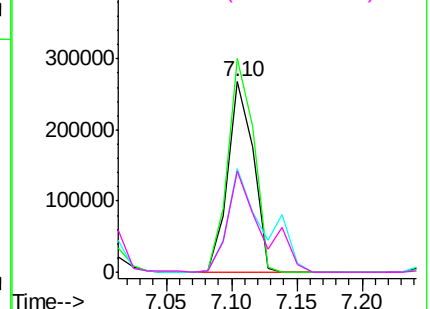
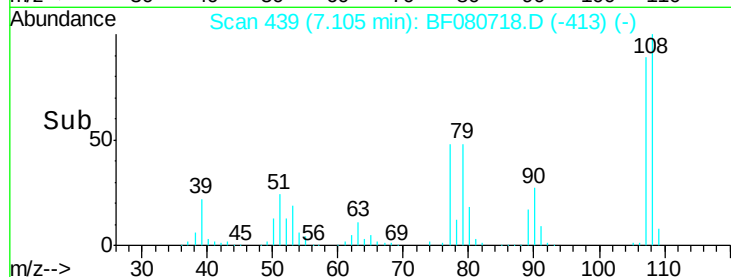


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.21 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

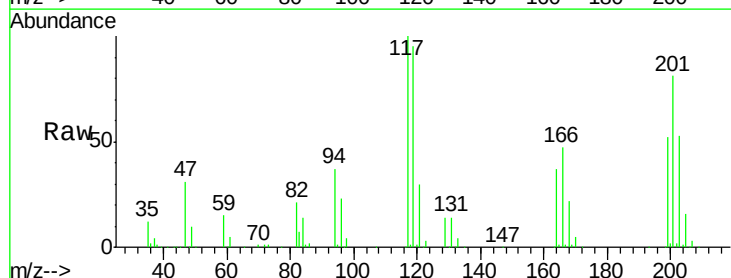
Tgt Ion:117 Resp: 176896

Ion Ratio Lower Upper

117 100

119 94.6 74.9 112.3

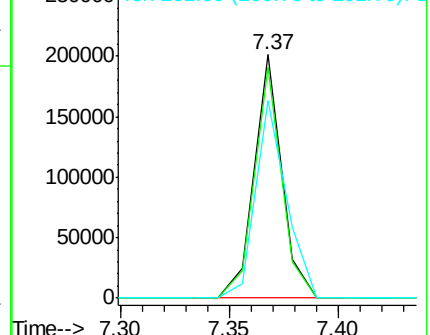
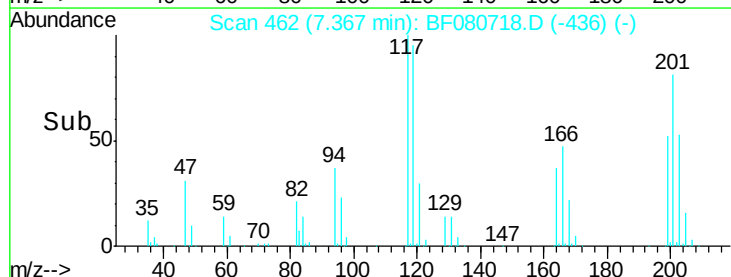
201 81.2 61.5 92.3

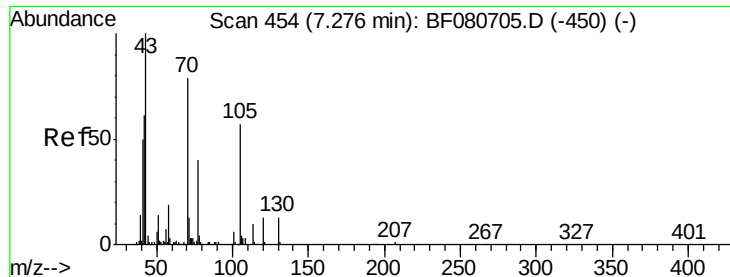


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

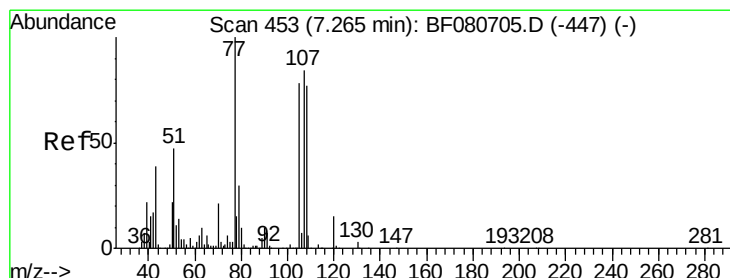
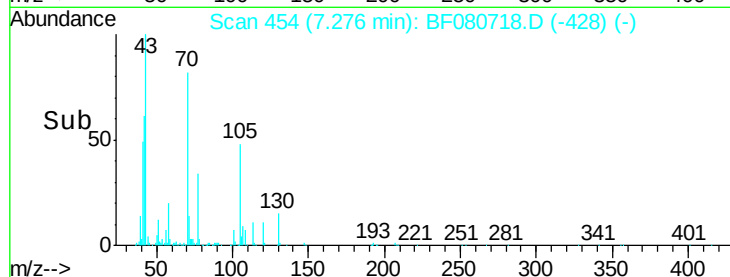
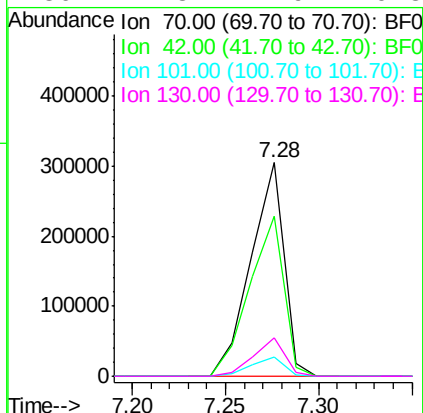
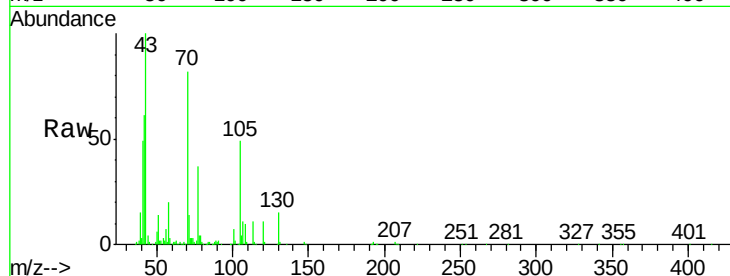




#19
n-Nitroso-di-n-propylamine
Concen: 44.38 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

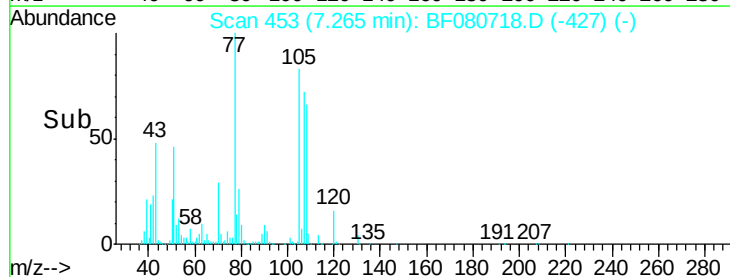
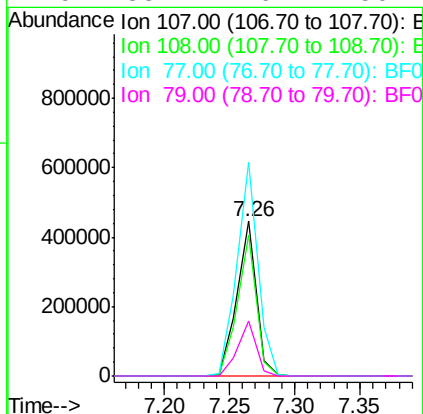
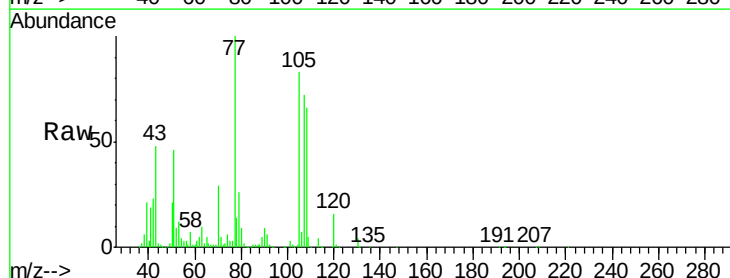
Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

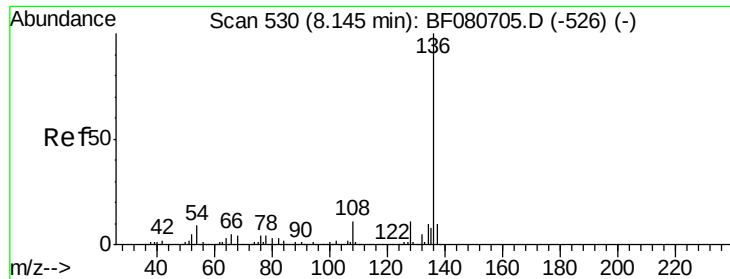
Tgt Ion: 70 Resp: 376689
Ion Ratio Lower Upper
70 100
42 74.8 61.8 92.6
101 9.1 6.1 9.1#
130 17.8 12.9 19.3



#20
3+4-Methylphenols
Concen: 43.26 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion: 107 Resp: 454705
Ion Ratio Lower Upper
107 100
108 90.8 71.8 111.8
77 138.3 99.8 139.8
79 35.4 16.2 56.2

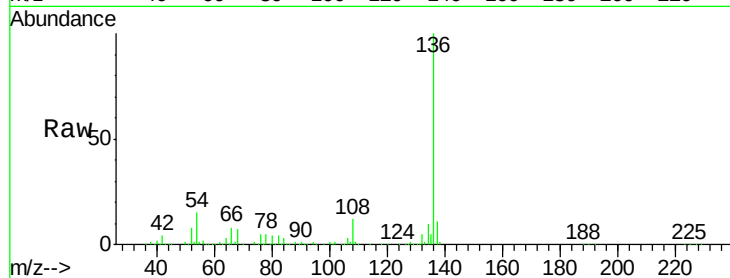




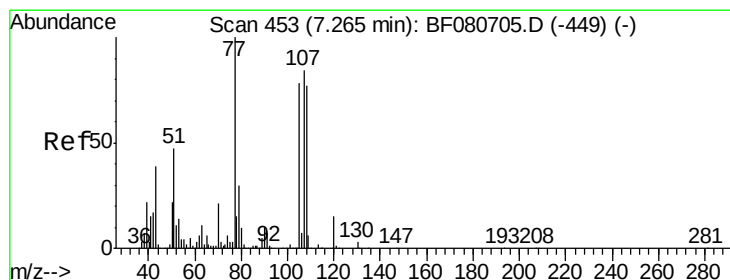
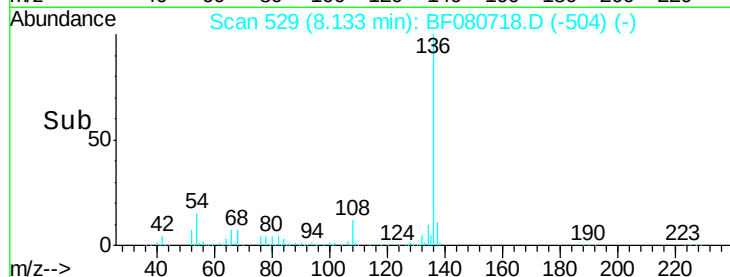
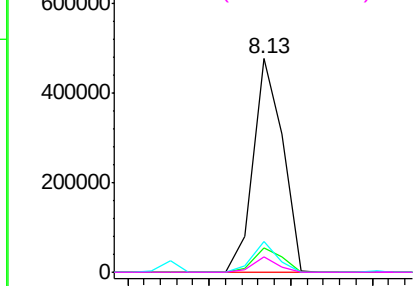
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

Tgt Ion:	136	Resp:	594927
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.4	12.6
54	14.7	6.9	10.3#
68	7.1	3.5	5.3#

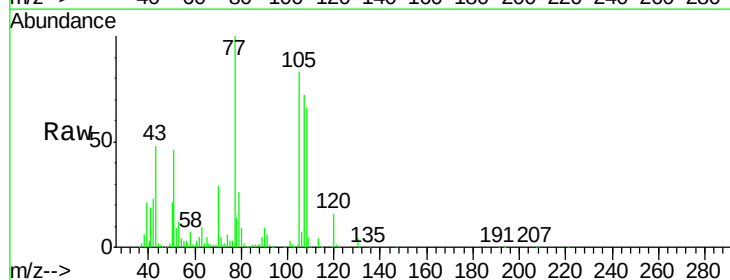


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

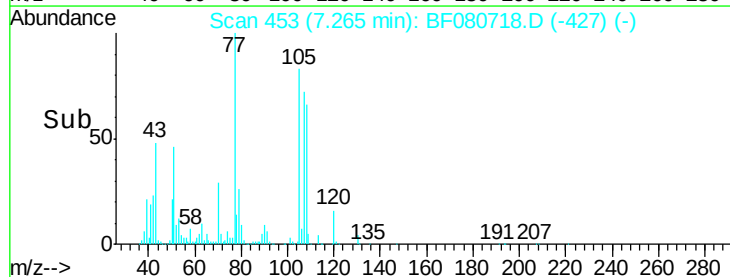
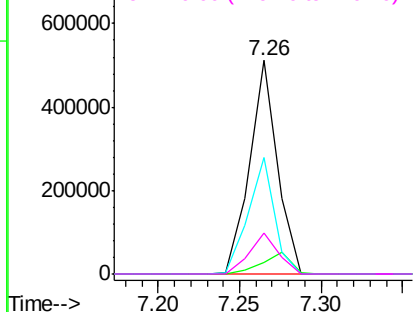


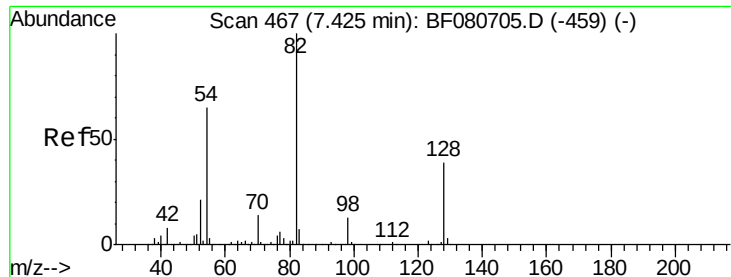
#22
Acetophenone
Concen: 42.01 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion:	105	Resp:	603307
Ion Ratio	Lower	Upper	
105	100		
71	5.7	3.4	5.0#
51	54.7	47.9	71.9
120	19.2	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

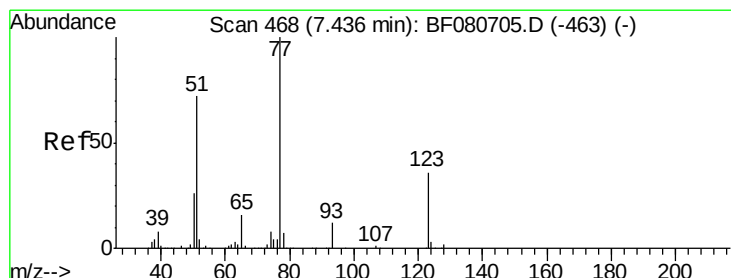
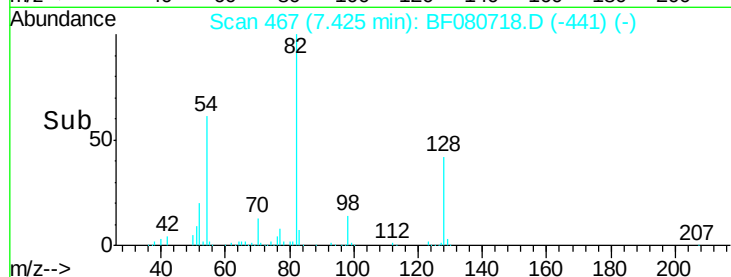
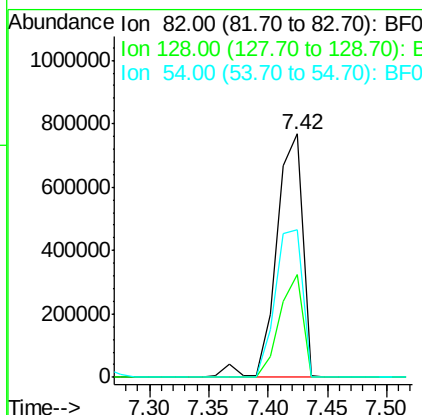
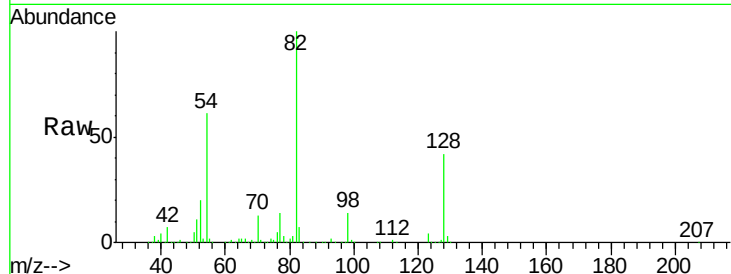




#23
 Nitrobenzene-d5
 Concen: 94.91 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

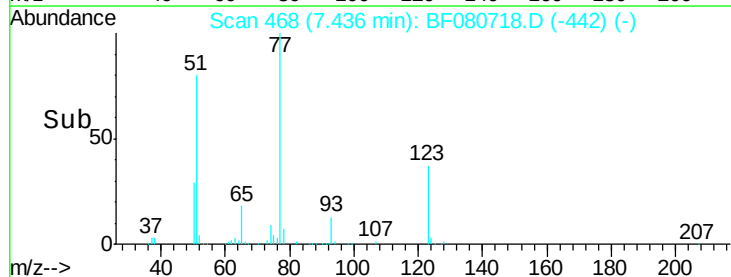
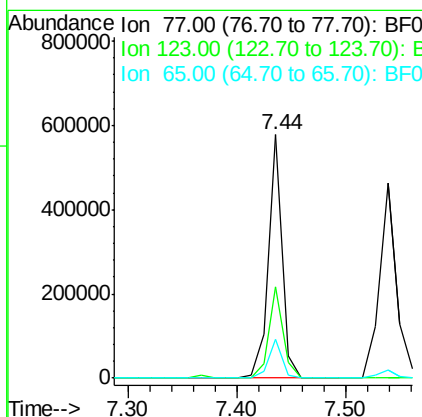
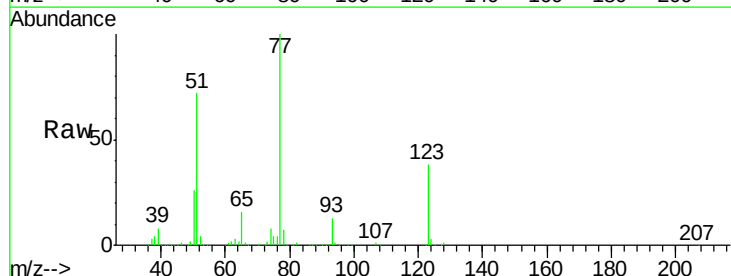
Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

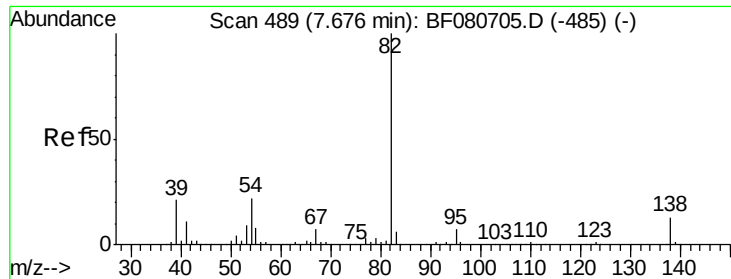
Tgt Ion: 82 Resp: 1165986
 Ion Ratio Lower Upper
 82 100
 128 42.1 31.5 47.3
 54 60.7 51.8 77.8



#24
 Nitrobenzene
 Concen: 41.42 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion: 77 Resp: 509774
 Ion Ratio Lower Upper
 77 100
 123 37.8 28.9 43.3
 65 15.9 13.0 19.4





#25

Isophorone

Concen: 43.90 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

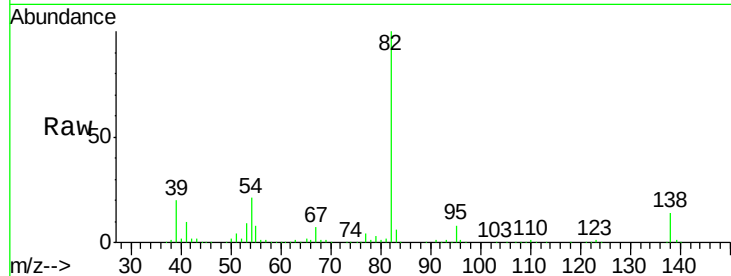
Tgt Ion: 82 Resp: 959136

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

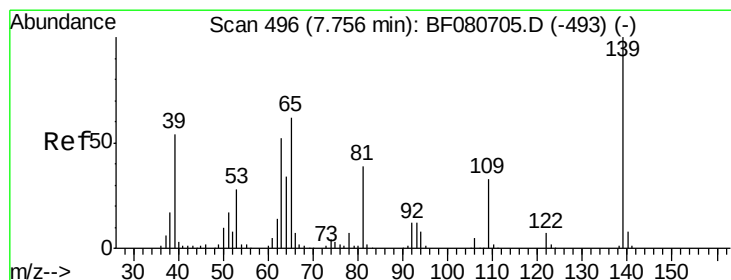
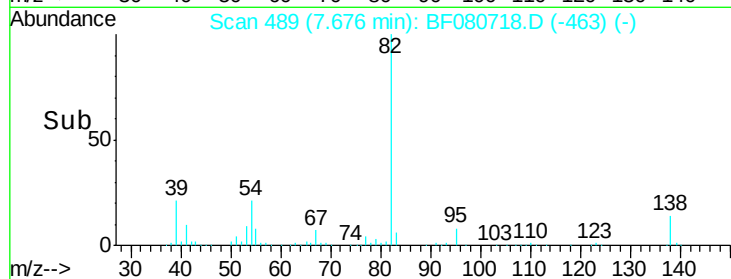
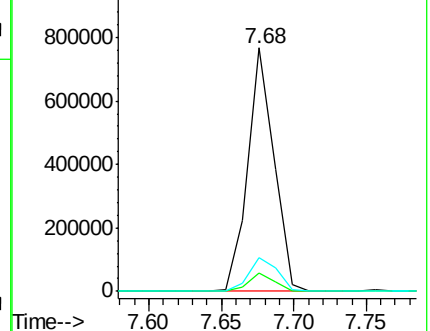
138 14.1 10.7 16.1



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: 48.03 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

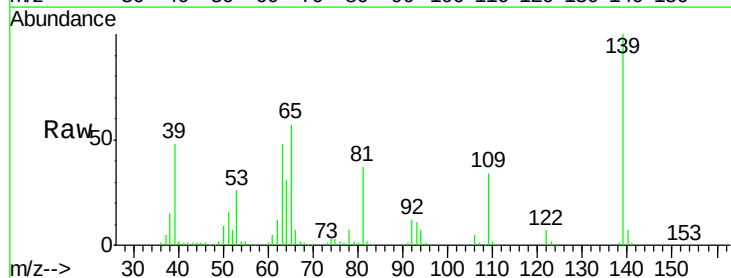
Tgt Ion: 139 Resp: 239967

Ion Ratio Lower Upper

139 100

109 33.6 26.5 39.7

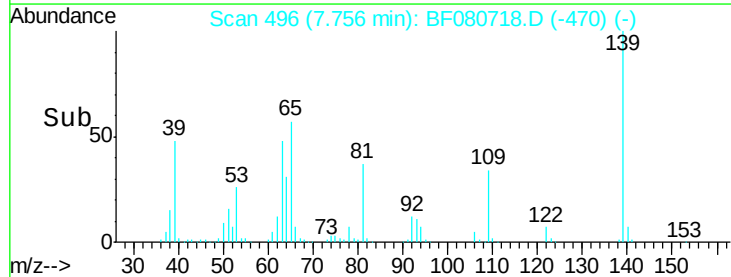
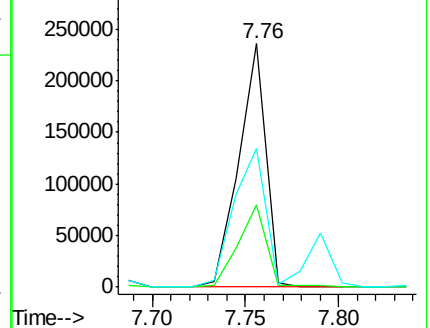
65 57.0 49.8 74.8

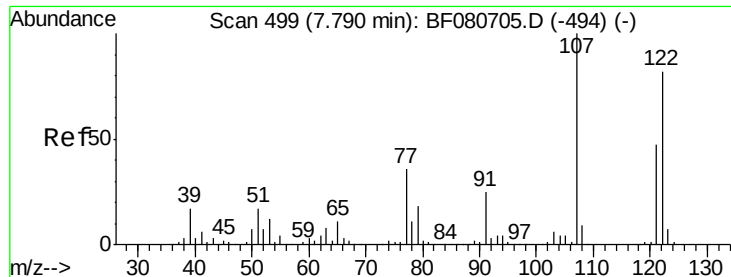


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

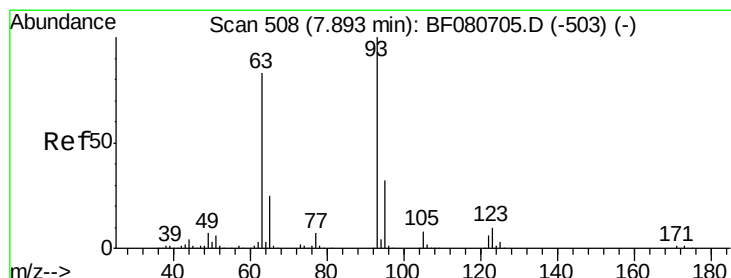
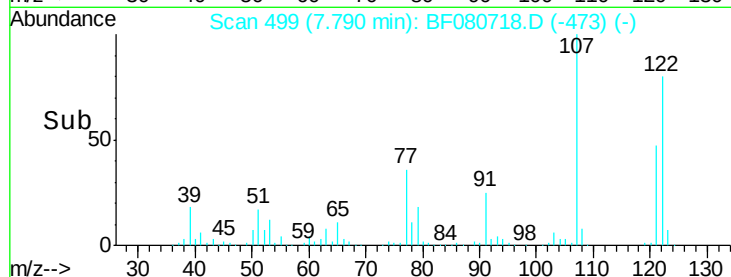
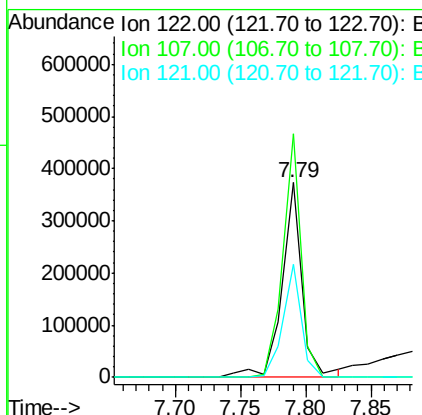
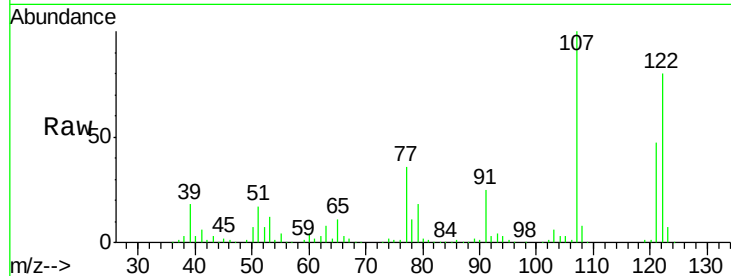




#27
 2,4-Dimethylphenol
 Concen: 42.92 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

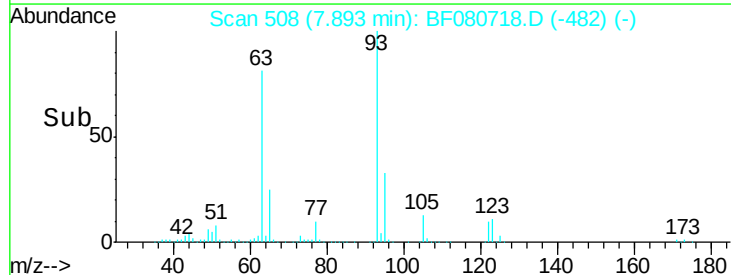
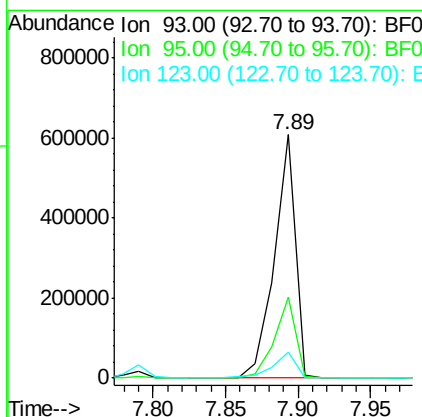
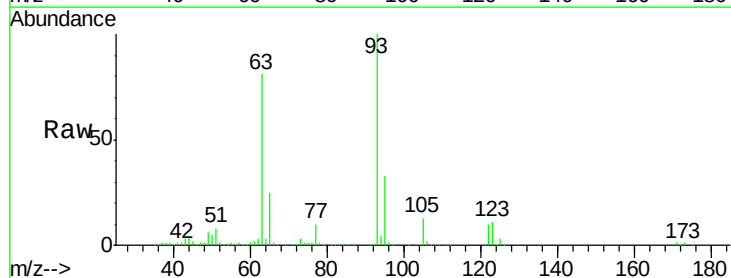
Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

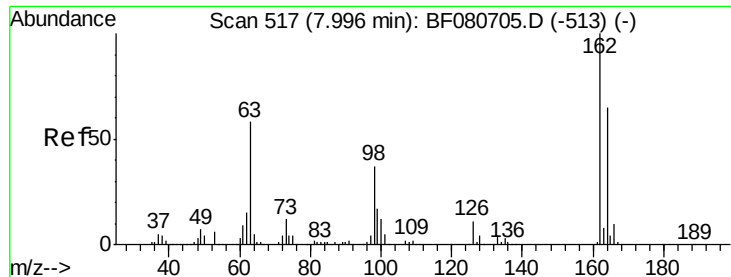
Tgt Ion:122 Resp: 402806
 Ion Ratio Lower Upper
 122 100
 107 125.1 98.1 147.1
 121 58.4 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.18 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion: 93 Resp: 610658
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 10.7 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 46.65 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

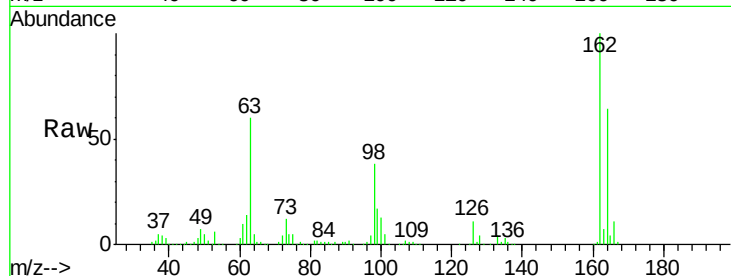
Tgt Ion:162 Resp: 389220

Ion Ratio Lower Upper

162 100

164 64.3 45.1 85.1

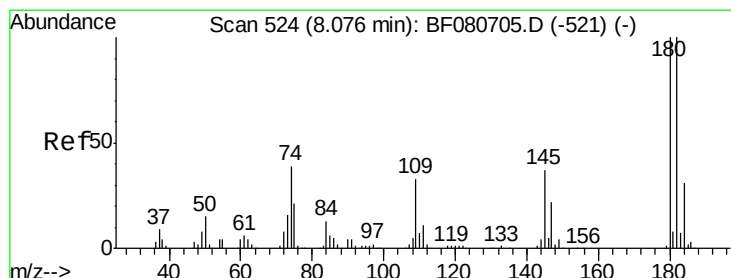
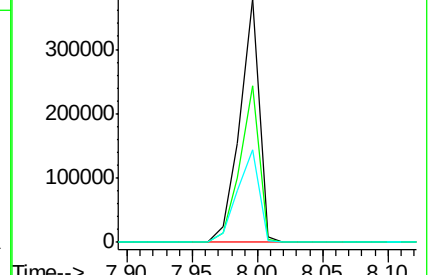
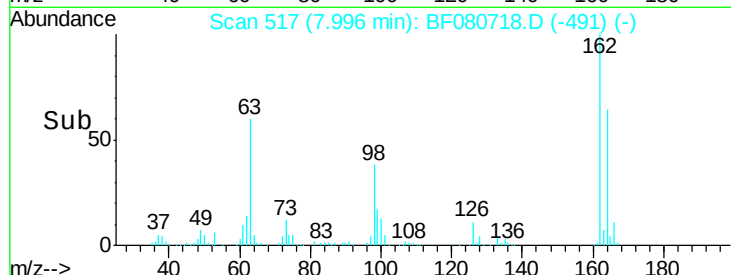
98 38.1 17.0 57.0



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: 41.20 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

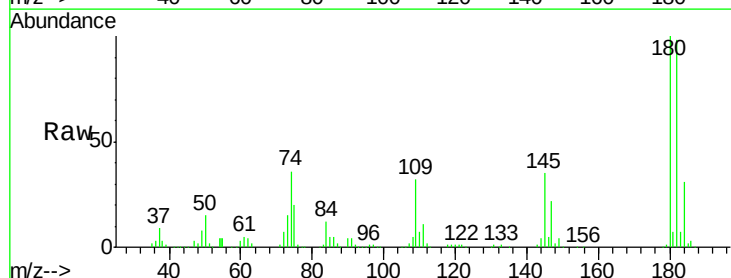
Tgt Ion:180 Resp: 374816

Ion Ratio Lower Upper

180 100

182 98.2 79.8 119.8

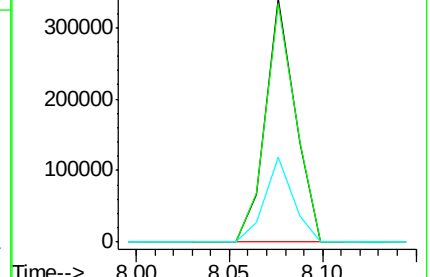
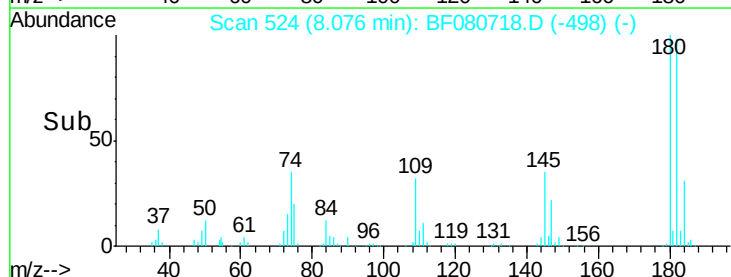
145 34.7 29.8 44.6

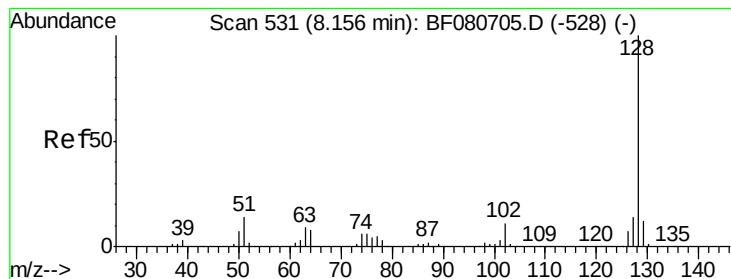


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.39 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

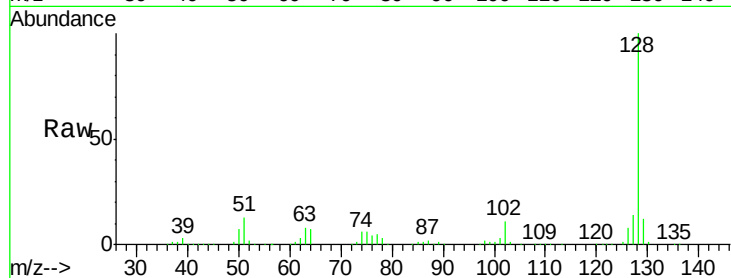
Tgt Ion:128 Resp: 1169657

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

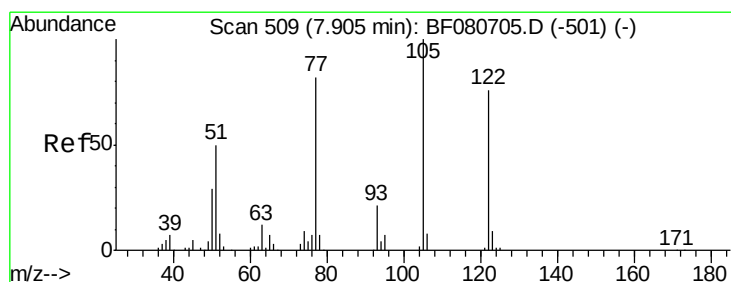
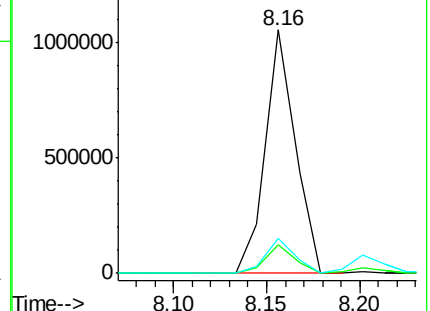
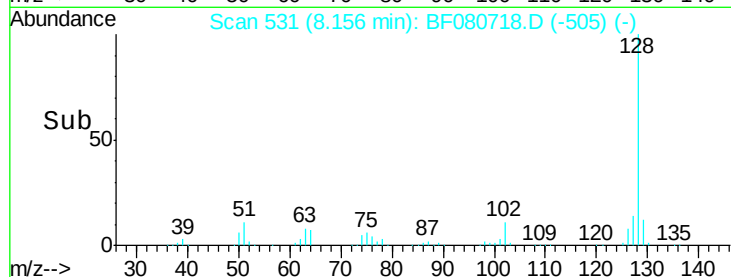
127 14.1 11.0 16.6



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: 25.50 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

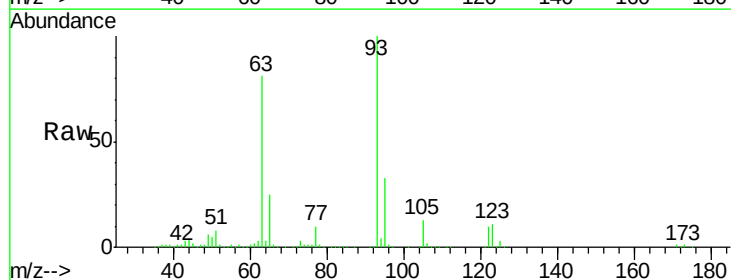
Tgt Ion:122 Resp: 166834

Ion Ratio Lower Upper

122 100

105 133.8 111.3 151.3

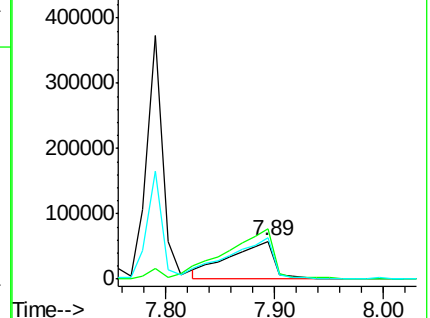
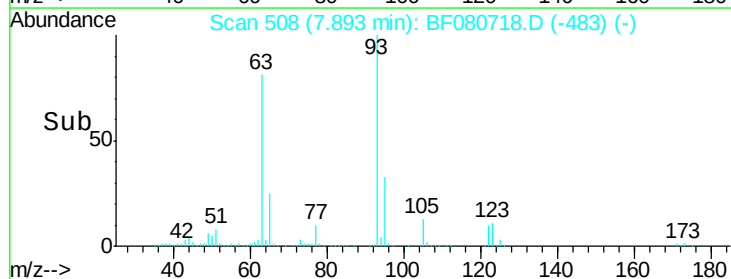
77 109.0 88.1 128.1

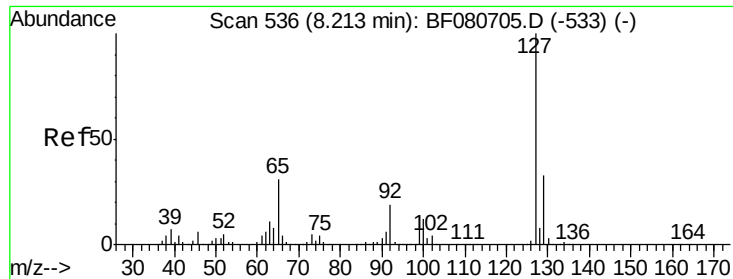


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

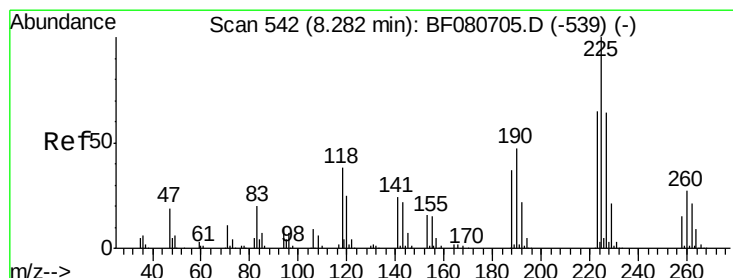
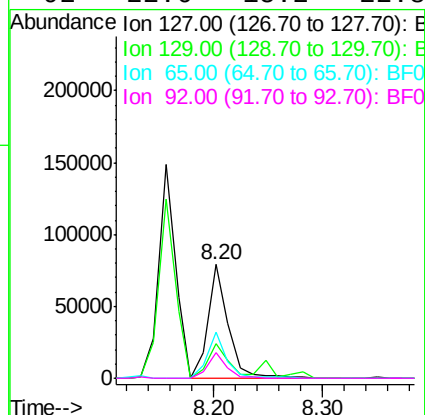
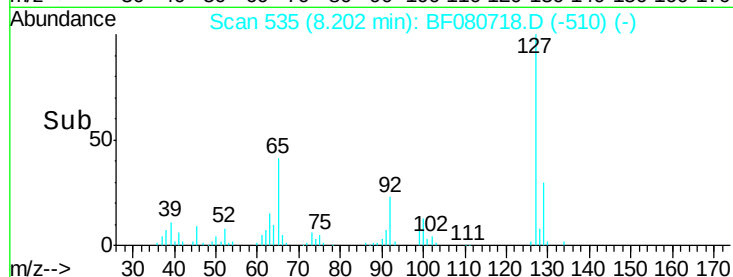
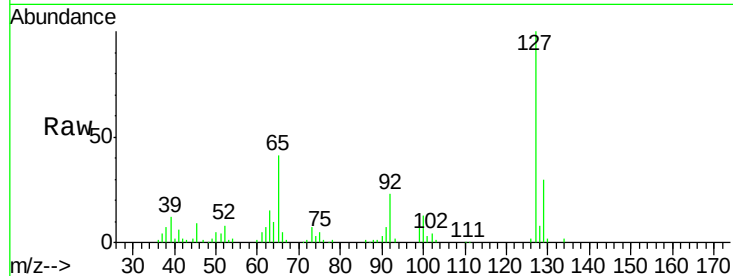




#33
4-Chloroaniline
Concen: 8.28 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

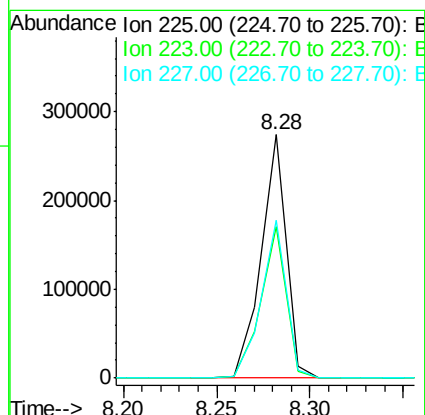
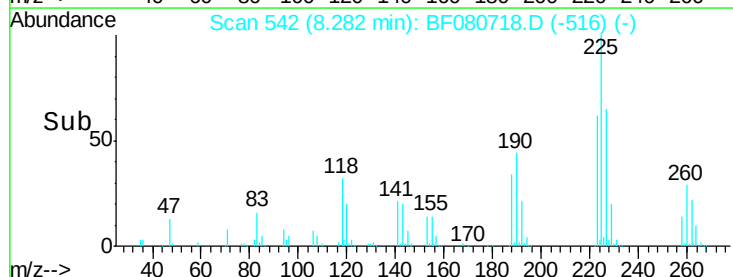
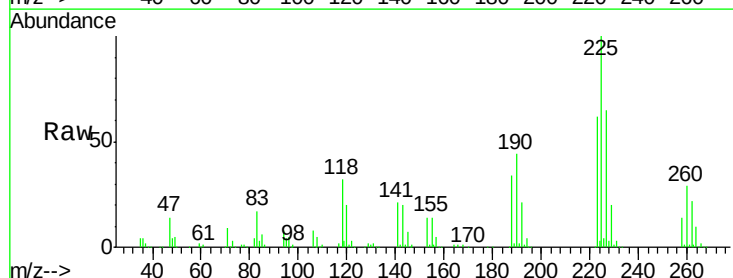
Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

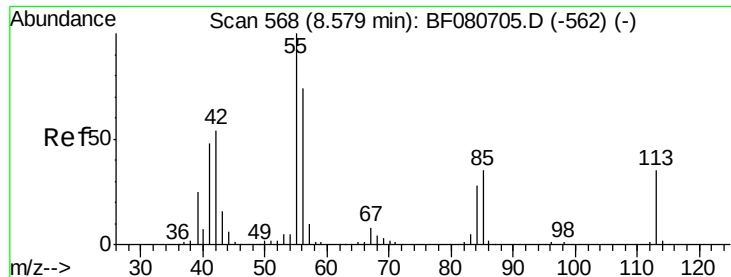
Tgt Ion:	127	Resp:	103721
Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.7	40.1
65	41.1	24.5	36.7#
92	22.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.08 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion:	225	Resp:	253067
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.7	77.5
227	64.6	51.0	76.4





#35

Caprolactam

Concen: 28.09 ng

RT: 8.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

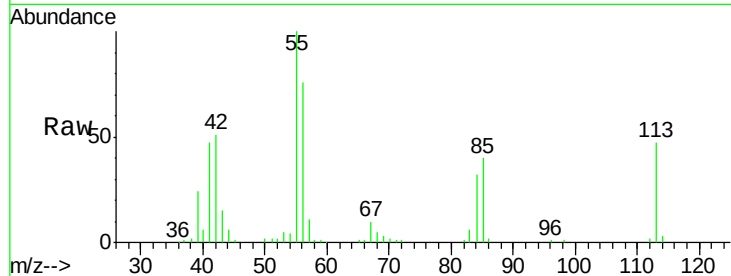
Tgt Ion:113 Resp: 70172

Ion Ratio Lower Upper

113 100

55 213.4 269.3 309.3#

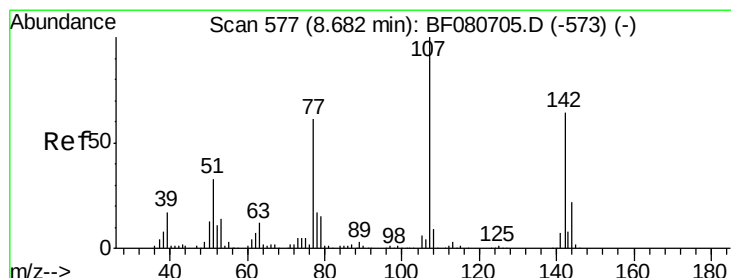
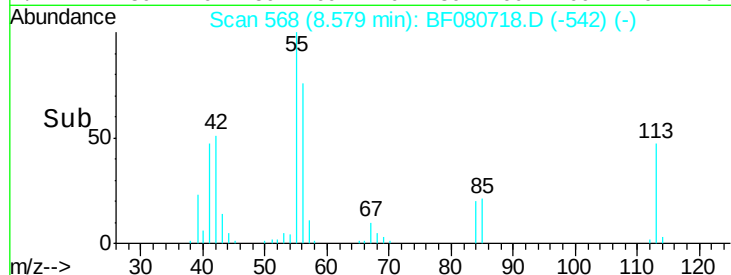
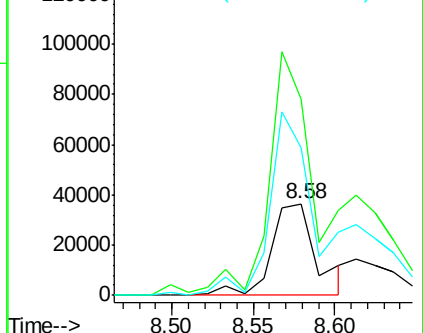
56 161.2 193.3 233.3#



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: 48.34 ng

RT: 8.69 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

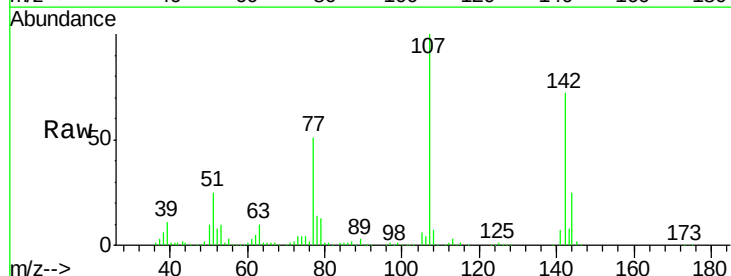
Tgt Ion:107 Resp: 434781

Ion Ratio Lower Upper

107 100

144 24.9 17.2 25.8

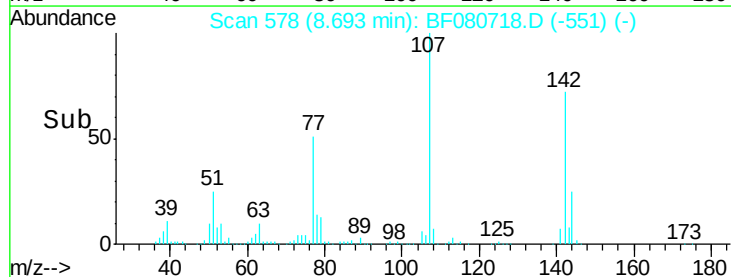
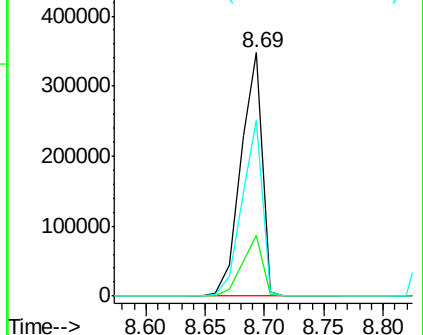
142 72.1 51.2 76.8

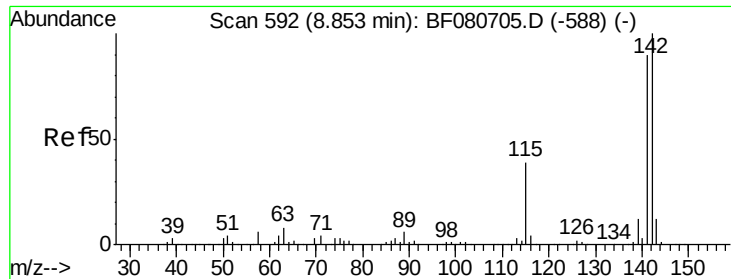


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

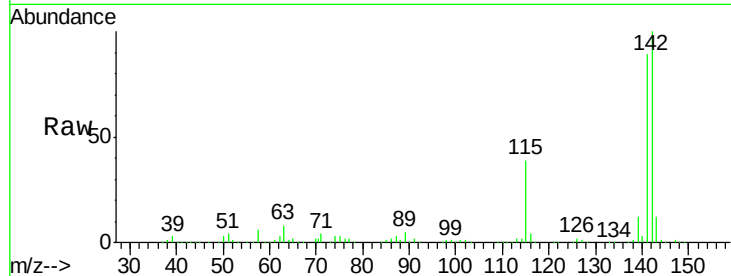




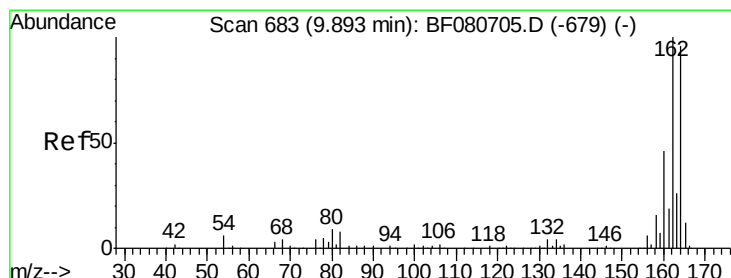
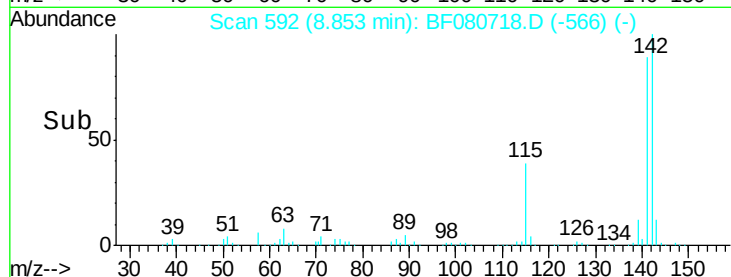
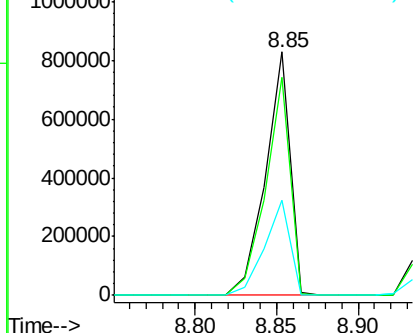
#37
2-Methylnaphthalene
Concen: 46.74 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

Tgt Ion:142 Resp: 871183
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9
115 39.1 31.4 47.2

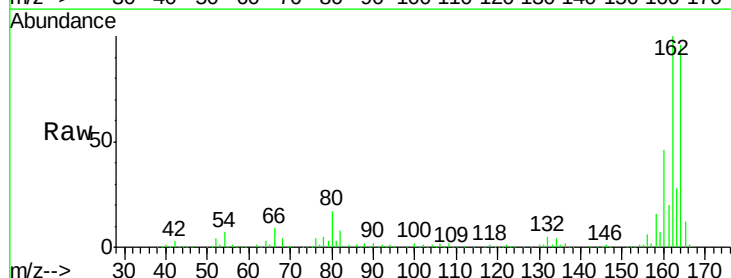


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

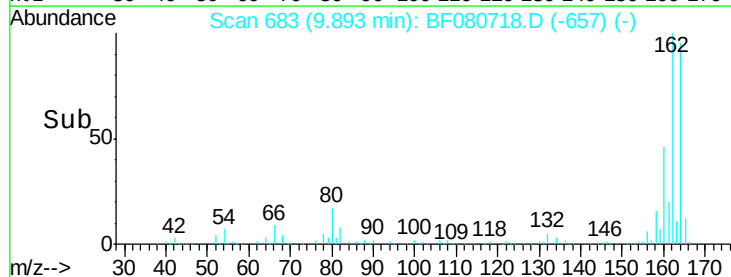
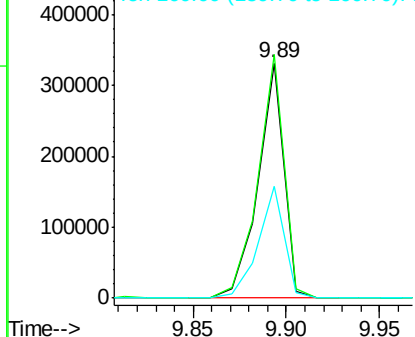


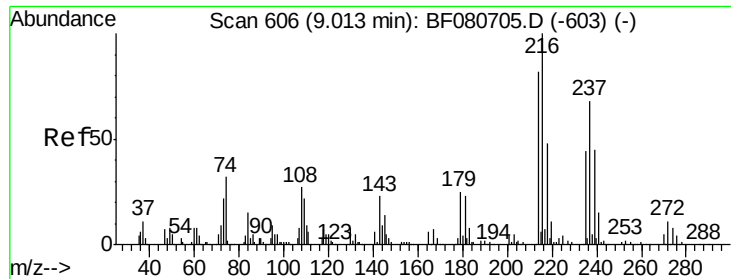
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion:164 Resp: 314520
Ion Ratio Lower Upper
164 100
162 103.7 83.4 125.0
160 47.7 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

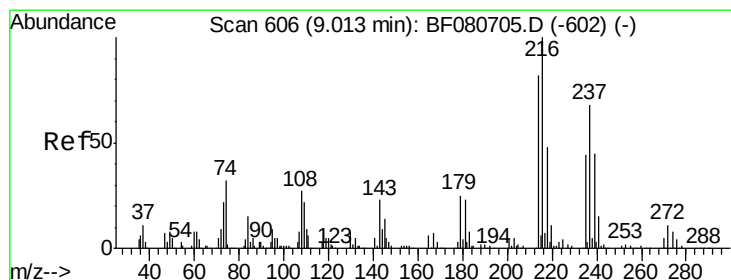
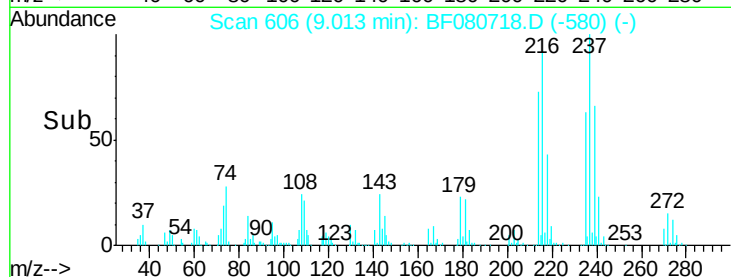
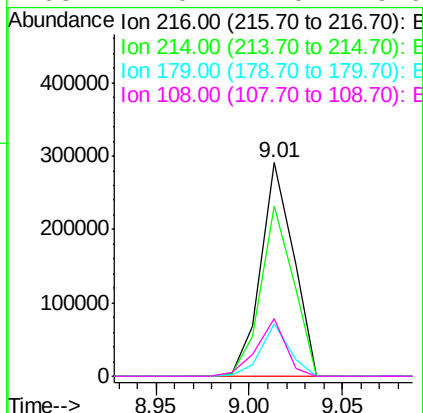
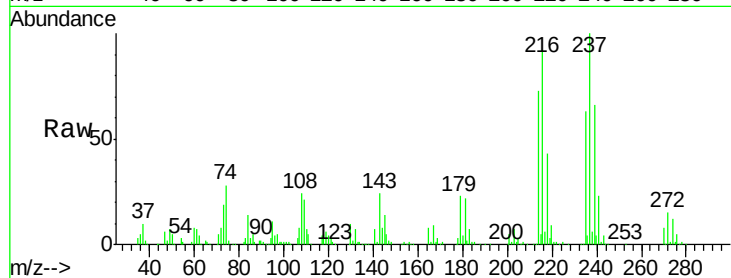




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.81 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

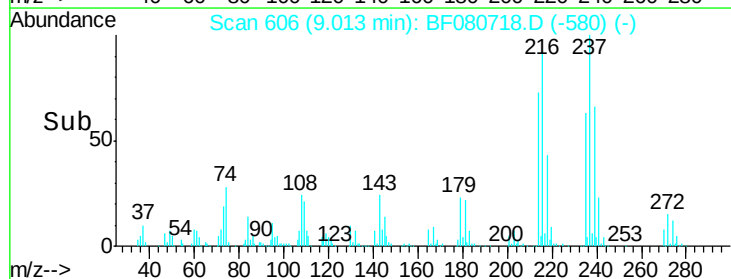
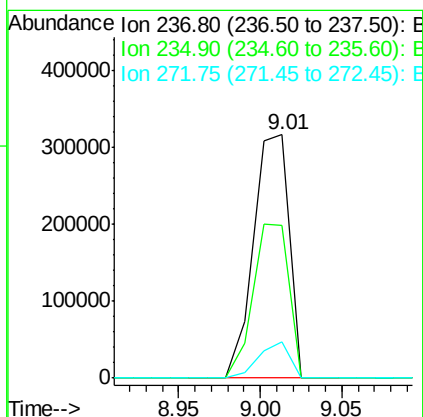
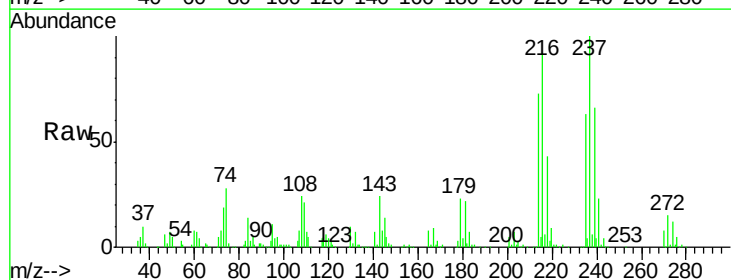
Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

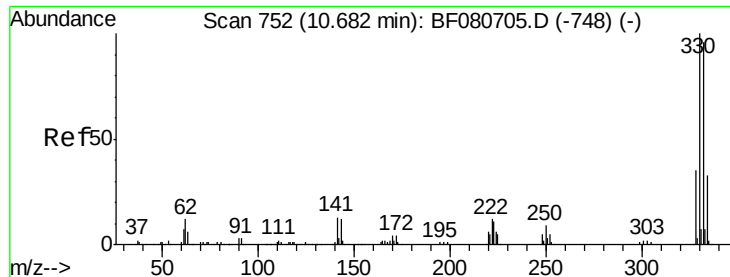
Tgt Ion:	216	Resp:	353733
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.1	94.7
179	21.9	16.9	25.3
108	24.0	17.0	25.6



#40
 Hexachlorocyclopentadiene
 Concen: 79.29 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion:	237	Resp:	481827
Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.3	84.3
272	14.7	0.0	35.5

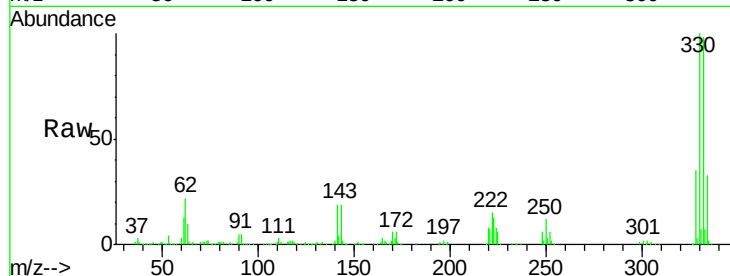




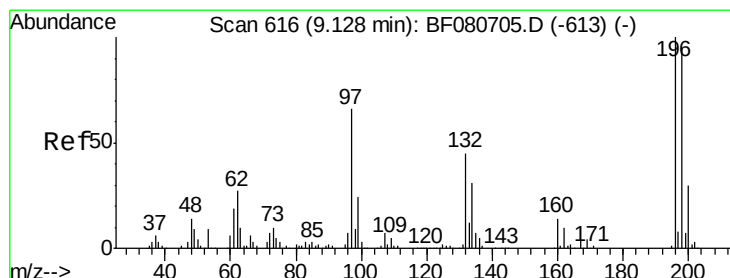
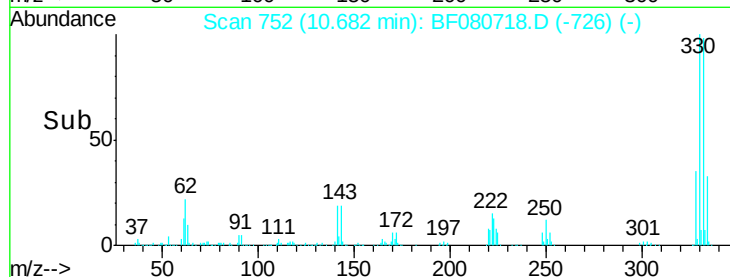
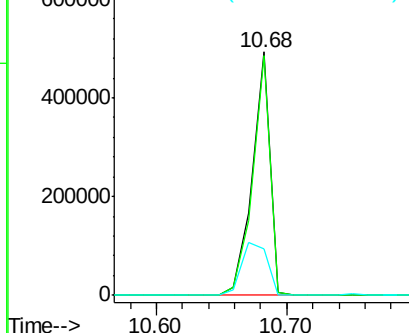
#41
 2,4,6-Tribromophenol
 Concen: 144.11 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

Tgt Ion:330 Resp: 470317
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 31.5 26.0 39.0

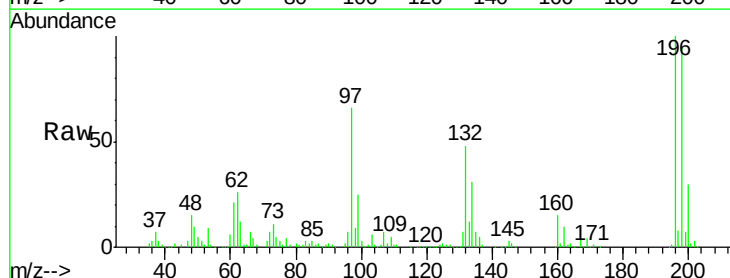


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

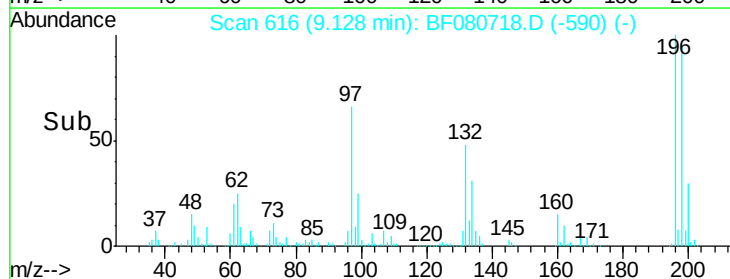
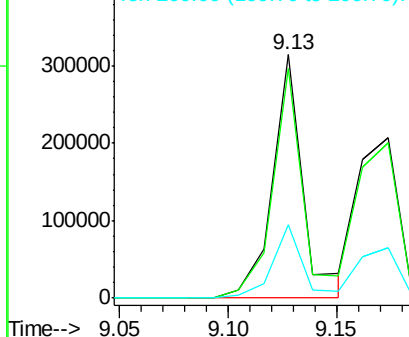


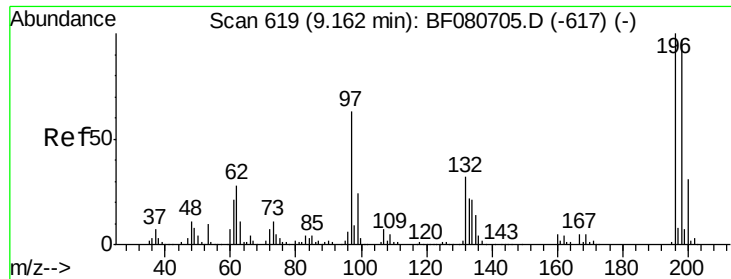
#42
 2,4,6-Trichlorophenol
 Concen: 44.96 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion:196 Resp: 308898
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.8 113.8
 200 30.2 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

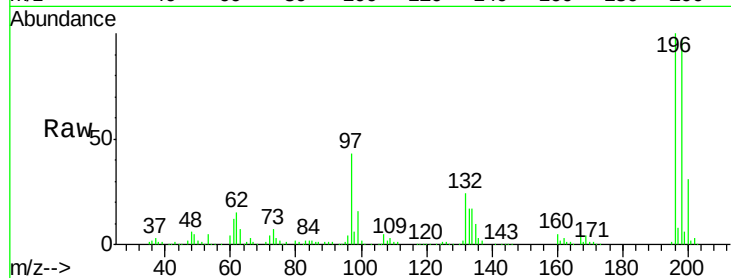




#43
 2,4,5-Trichlorophenol
 Concen: 39.51 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.8	116.8
97	43.5	49.0	73.4
132	24.3	25.4	38.0



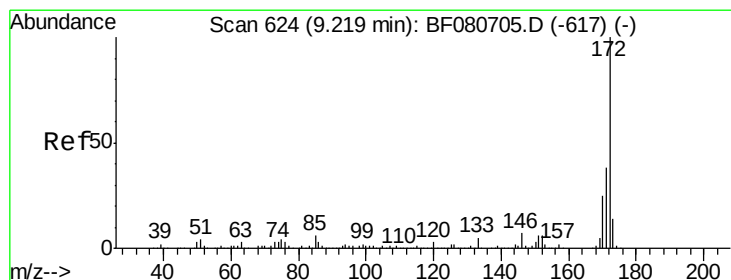
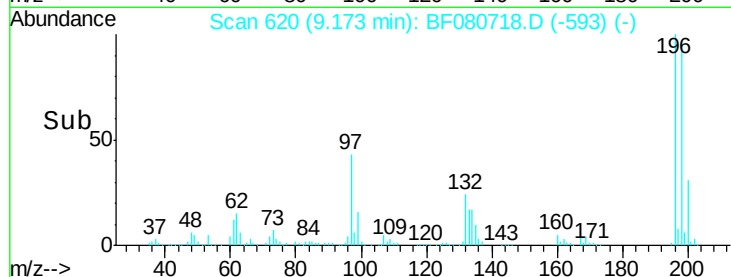
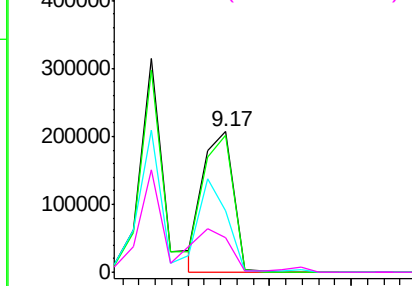
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

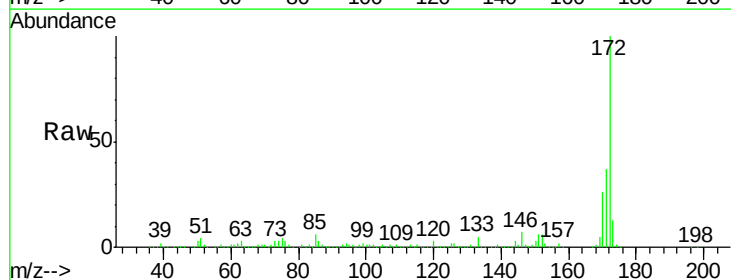
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.25 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.2	45.4
170	25.6	20.2	30.2

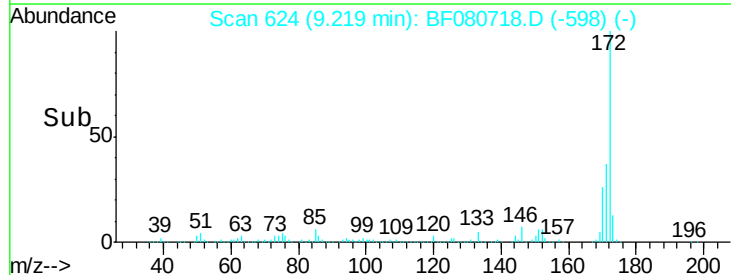
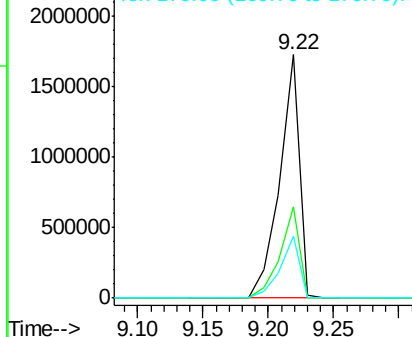


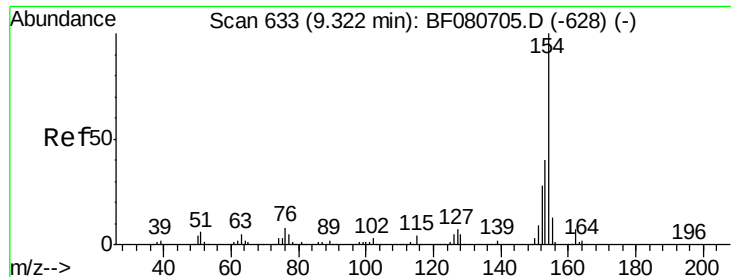
Abundance

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

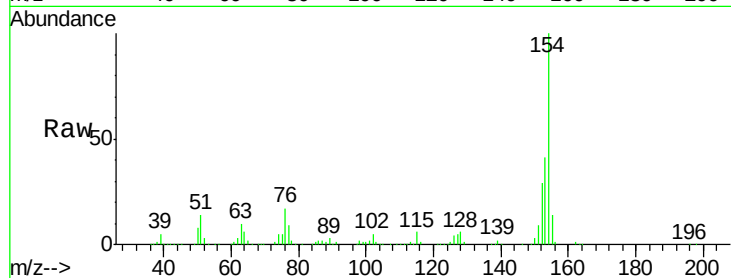




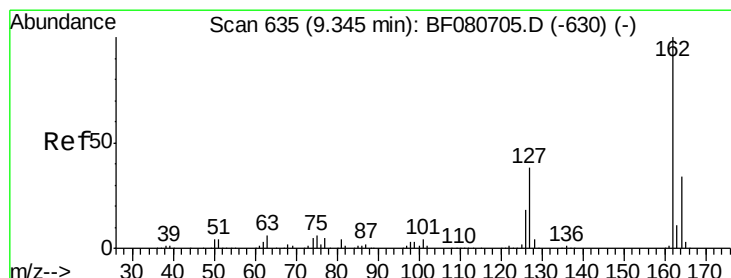
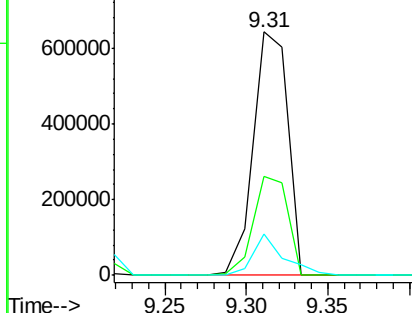
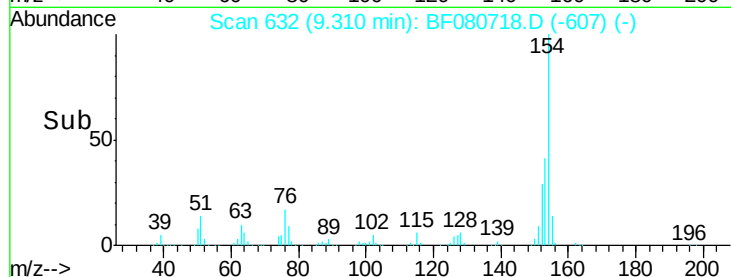
#45
1,1'-Biphenyl
Concen: 39.21 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

Tgt Ion:154 Resp: 945498
Ion Ratio Lower Upper
154 100
153 40.8 19.9 59.9
76 17.0 0.0 28.3

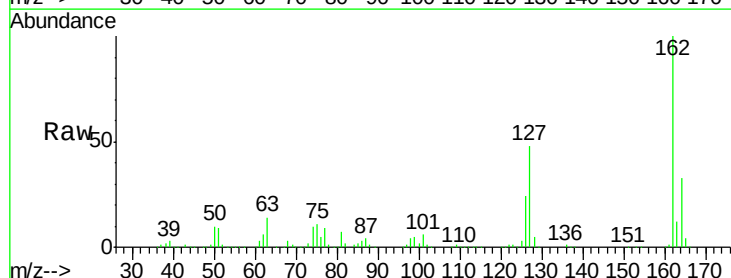


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

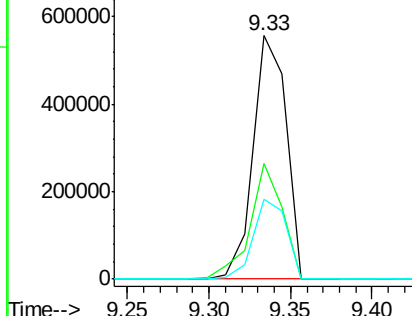
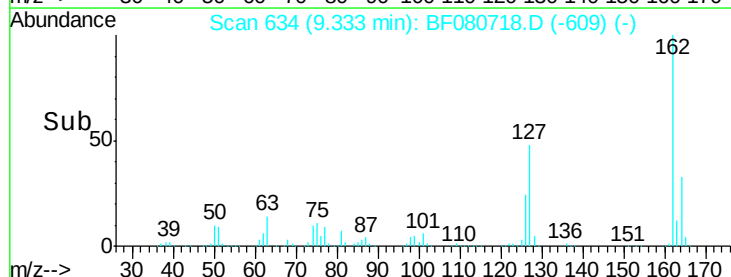


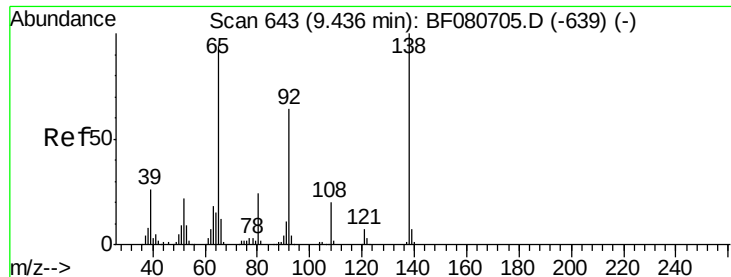
#46
2-Chloronaphthalene
Concen: 39.61 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion:162 Resp: 780228
Ion Ratio Lower Upper
162 100
127 47.6 30.2 45.4#
164 32.6 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

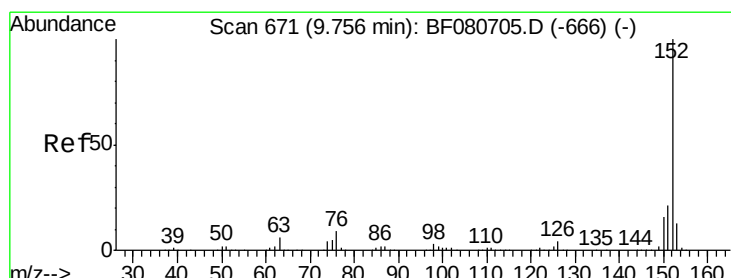
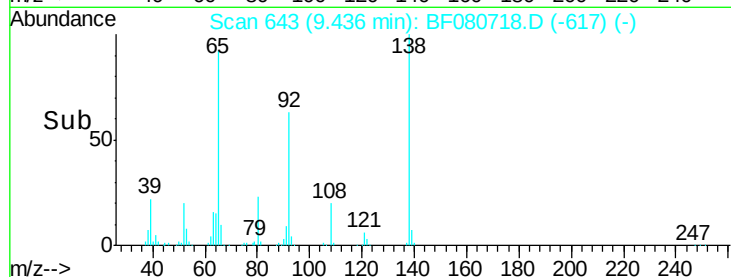
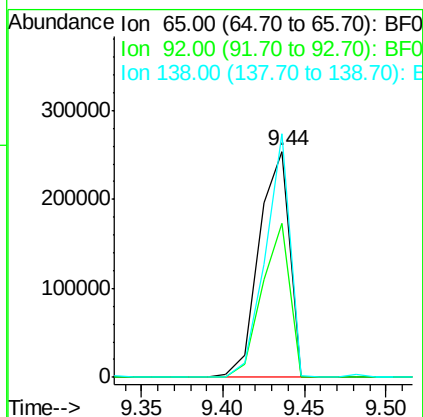
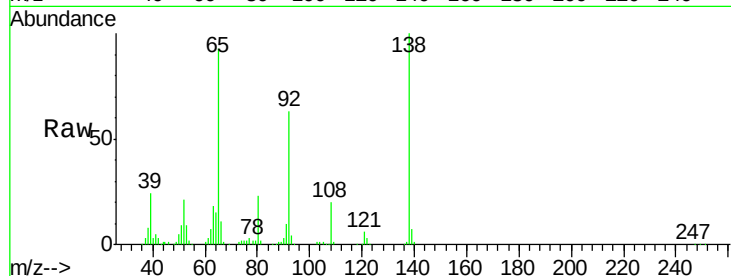




#47
2-Nitroaniline
Concen: 42.84 ng
RT: 9.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

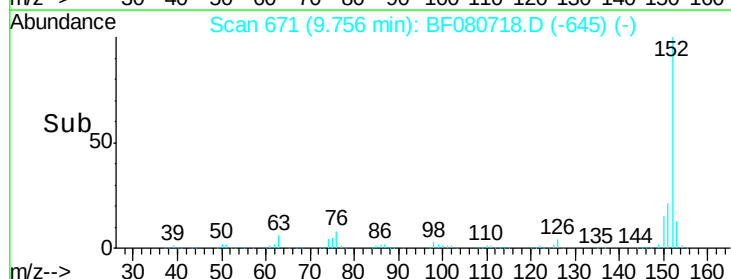
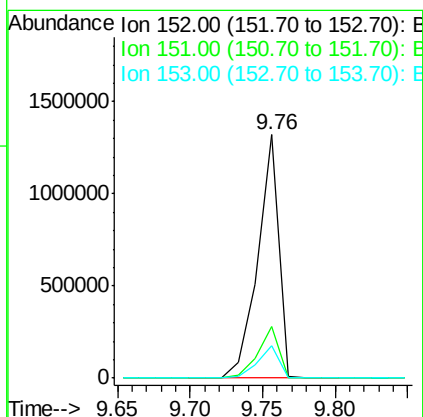
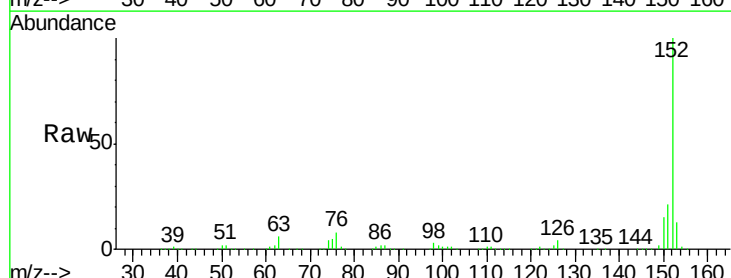
Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

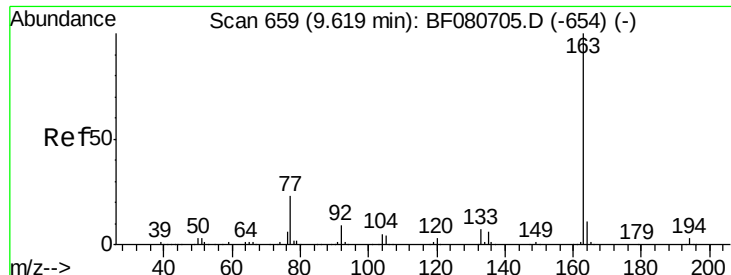
Tgt Ion: 65 Resp: 328357
Ion Ratio Lower Upper
65 100
92 68.1 54.9 82.3
138 107.7 85.1 127.7



#48
Acenaphthylene
Concen: 42.37 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion: 152 Resp: 1327032
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6
153 13.3 10.8 16.2

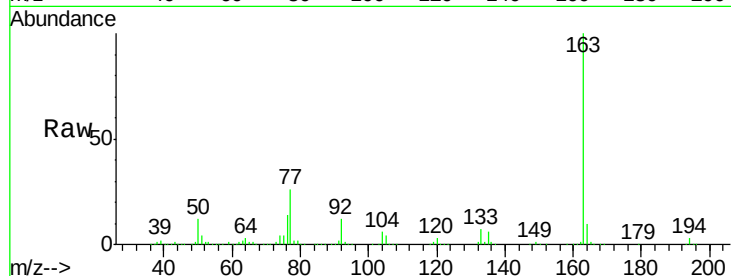




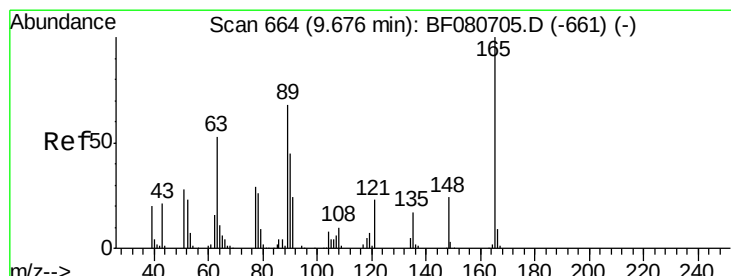
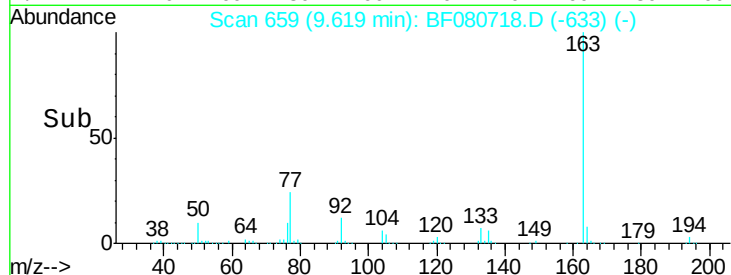
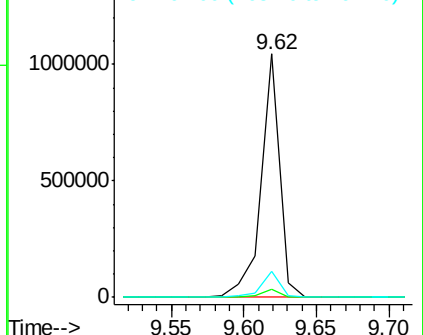
#49
Dimethylphthalate
Concen: 41.92 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

Tgt Ion:163 Resp: 929180
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.7 13.1

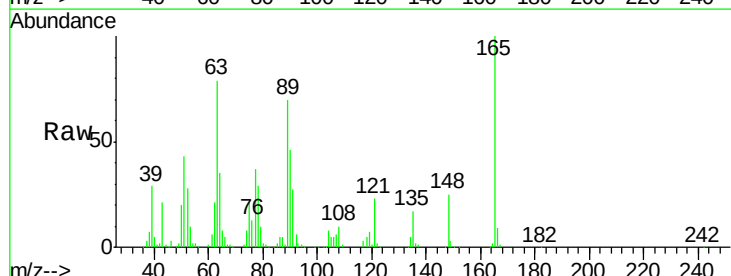


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

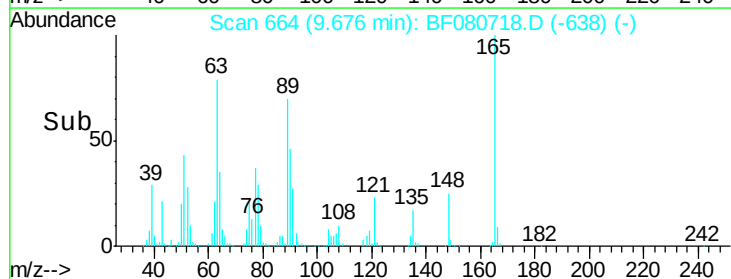
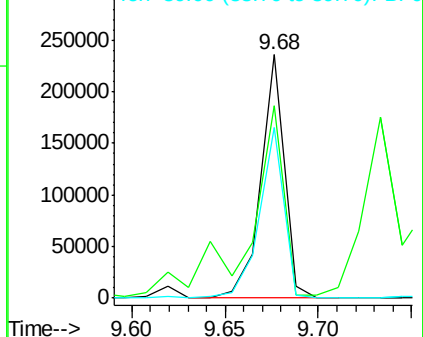


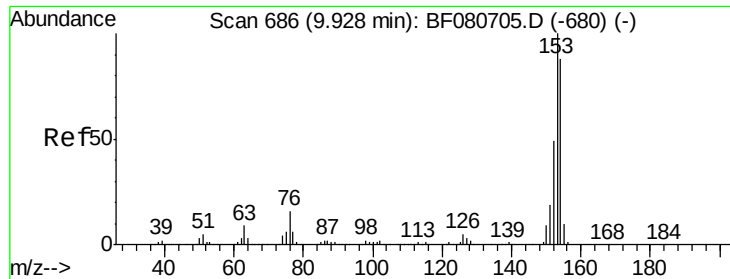
#50
2,6-Dinitrotoluene
Concen: 43.61 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion:165 Resp: 205142
Ion Ratio Lower Upper
165 100
63 79.0 62.3 93.5
89 70.2 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: 44.84 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

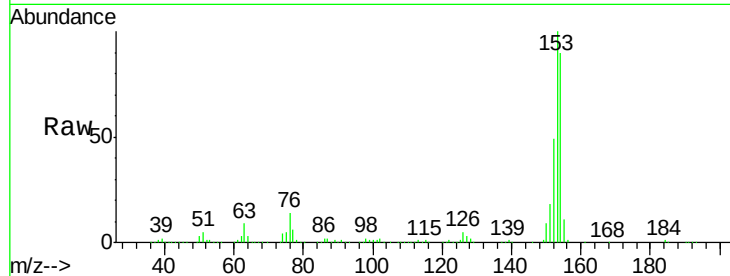
Tgt Ion:154 Resp: 856847

Ion Ratio Lower Upper

154 100

153 111.5 90.7 136.1

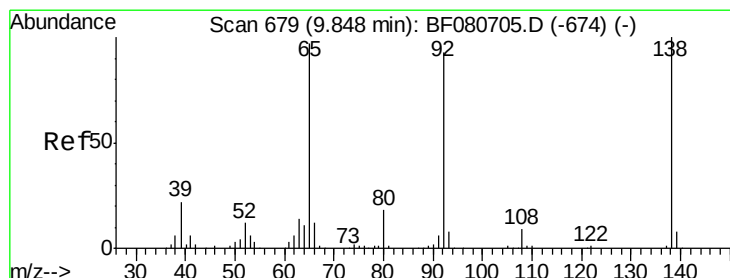
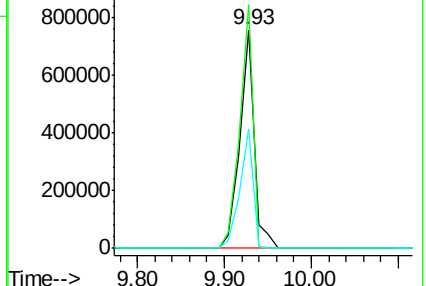
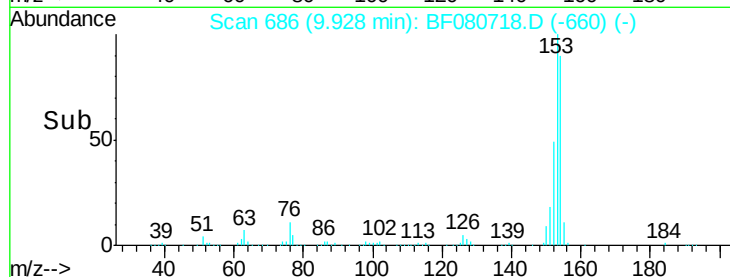
152 54.9 44.2 66.4



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: 14.63 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

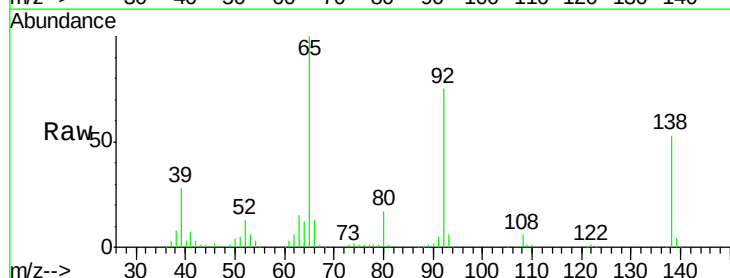
Tgt Ion:138 Resp: 79420

Ion Ratio Lower Upper

138 100

108 11.8 6.9 10.3#

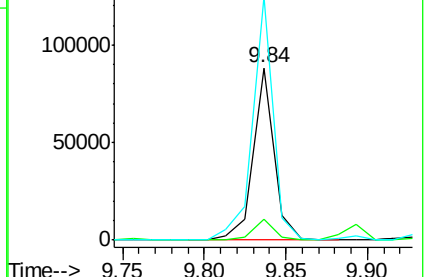
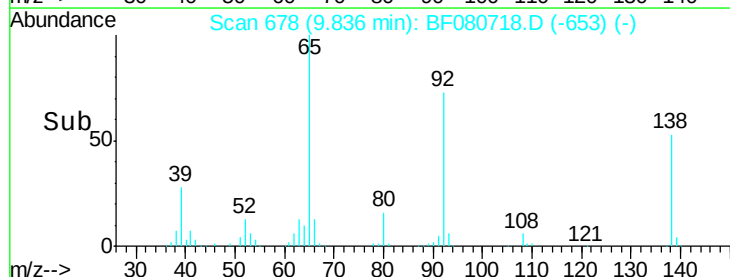
92 141.3 74.1 111.1#

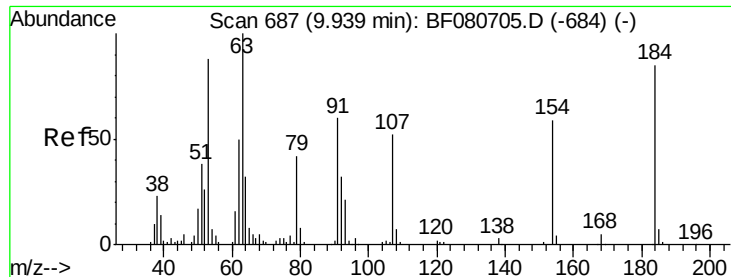


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

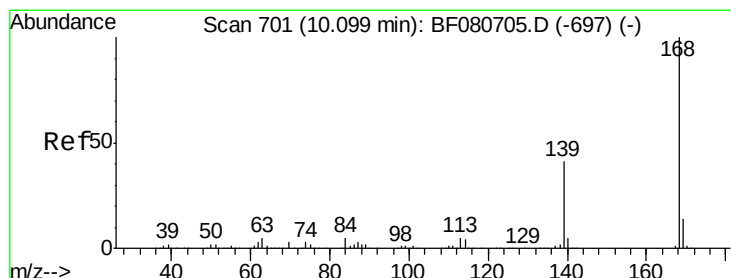
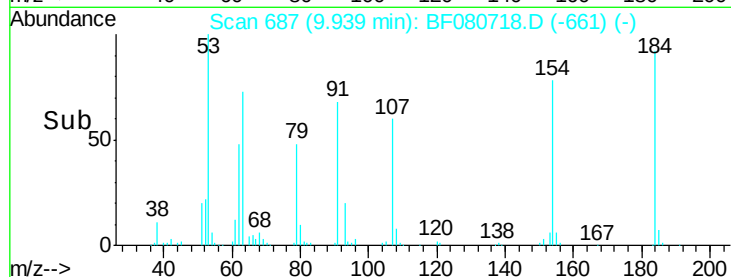
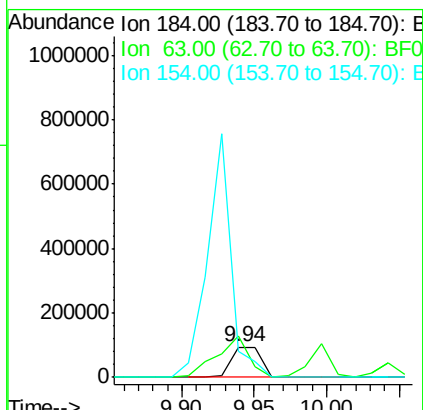
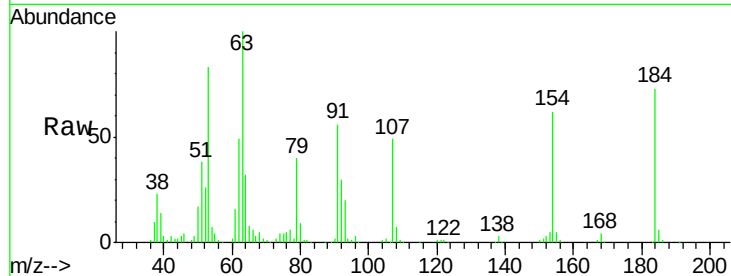




#53
2,4-Dinitrophenol
Concen: 53.58 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

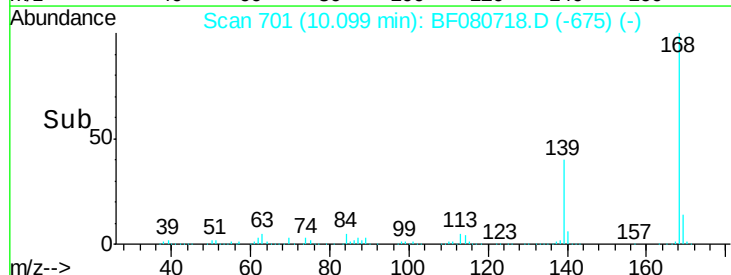
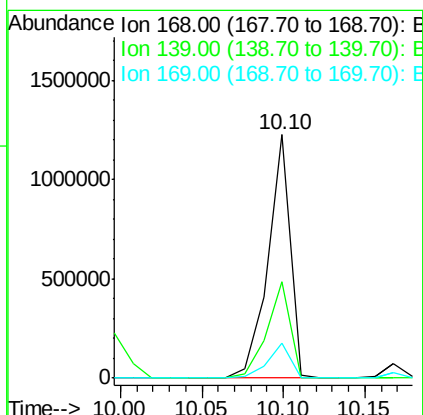
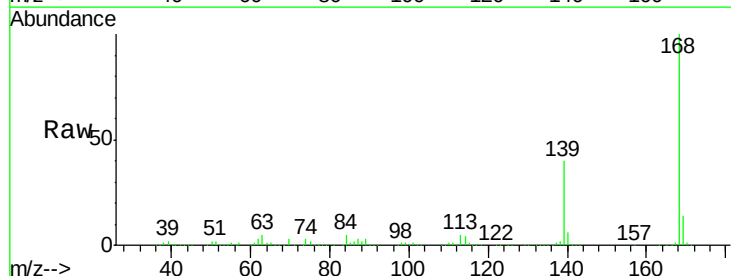
Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

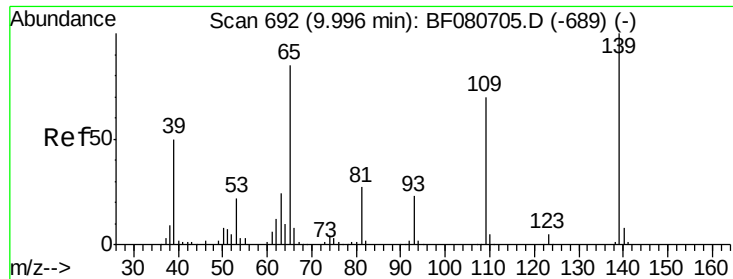
Tgt Ion:184 Resp: 134234
Ion Ratio Lower Upper
184 100
63 136.9 96.0 144.0
154 84.4 66.0 99.0



#54
Dibenzofuran
Concen: 45.54 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion:168 Resp: 1163773
Ion Ratio Lower Upper
168 100
139 39.7 33.0 49.6
169 14.5 11.4 17.2

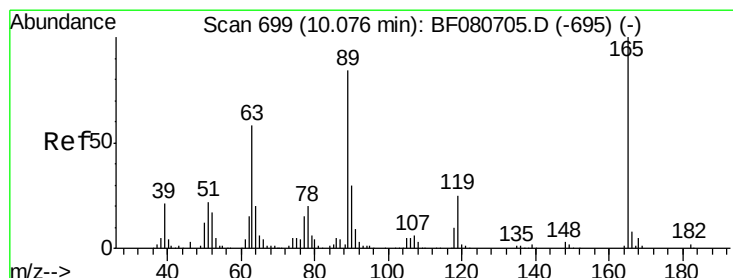
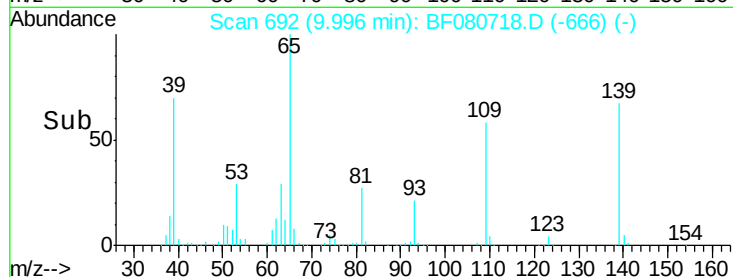
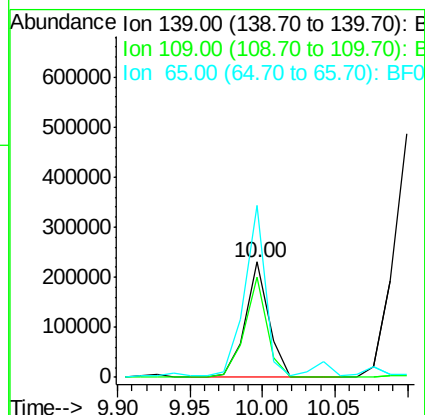
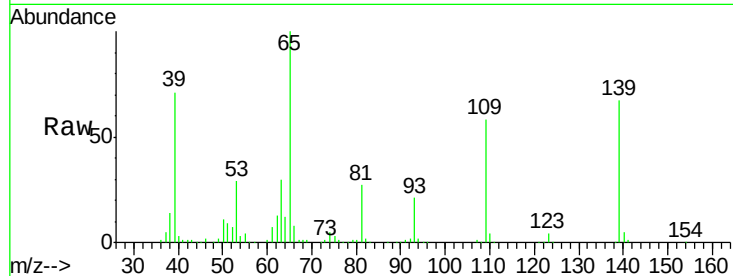




#55
4-Nitrophenol
Concen: 65.16 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

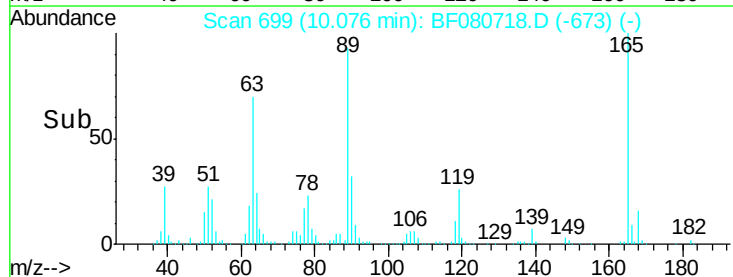
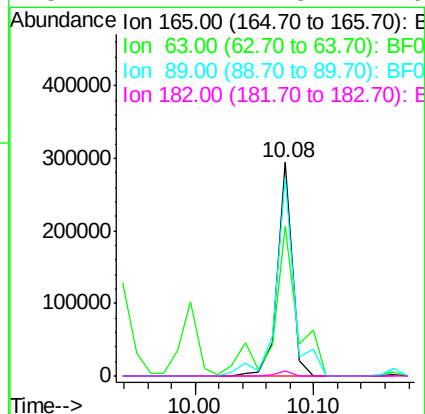
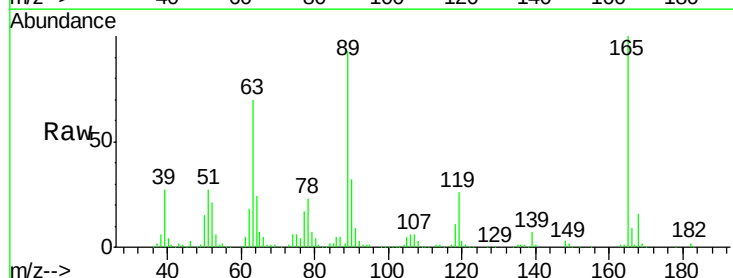
Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

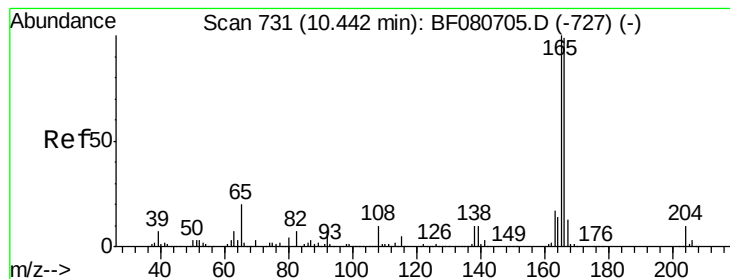
Tgt Ion:139 Resp: 260576
Ion Ratio Lower Upper
139 100
109 86.7 50.4 90.4
65 148.4 66.1 106.1#



#56
2,4-Dinitrotoluene
Concen: 41.51 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion:165 Resp: 256036
Ion Ratio Lower Upper
165 100
63 70.1 46.7 70.1#
89 92.9 67.4 101.2
182 2.1 1.8 2.6





#57

Fluorene

Concen: 43.73 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

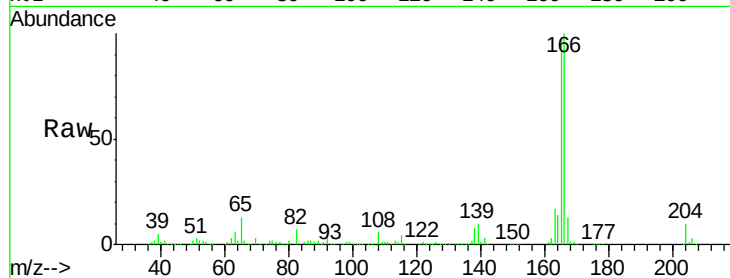
Tgt Ion:166 Resp: 867448

Ion Ratio Lower Upper

166 100

165 98.3 81.0 121.4

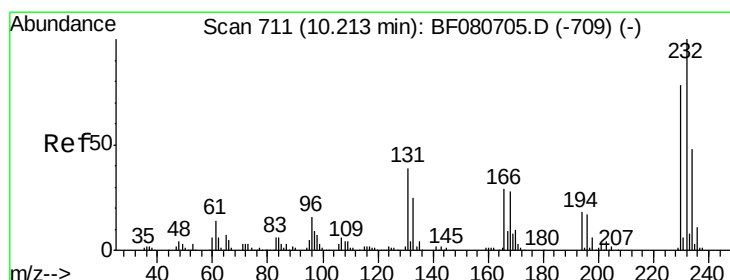
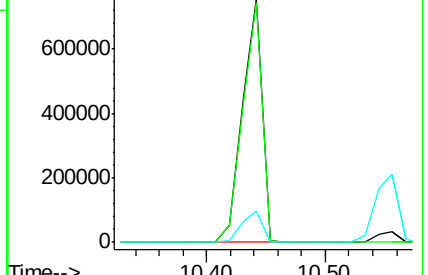
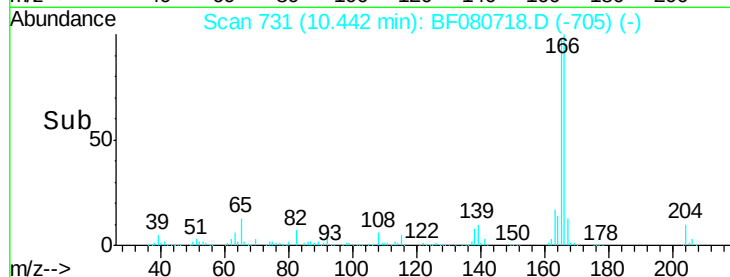
167 12.8 10.8 16.2



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: 46.30 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Tgt Ion:232 Resp: 237990

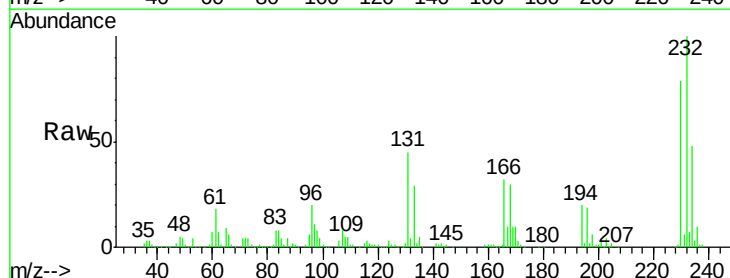
Ion Ratio Lower Upper

232 100

131 51.7 38.2 57.2

130 2.5 1.8 2.6

166 33.7 25.6 38.4

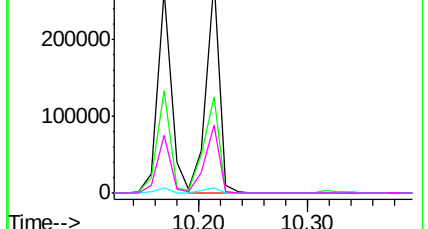
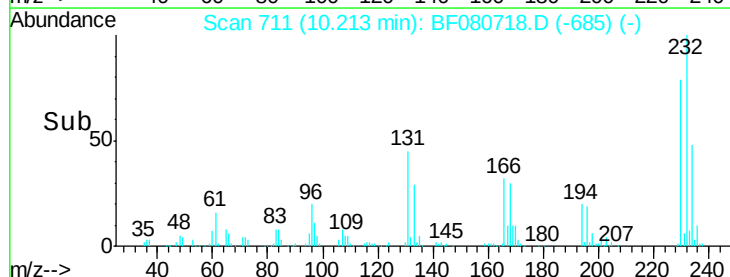


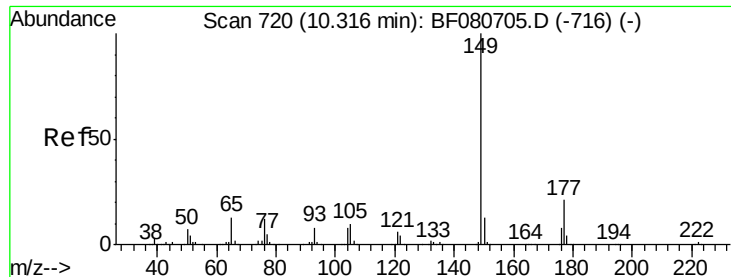
Abundance Ion 232.00 (231.70 to 232.70): E

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

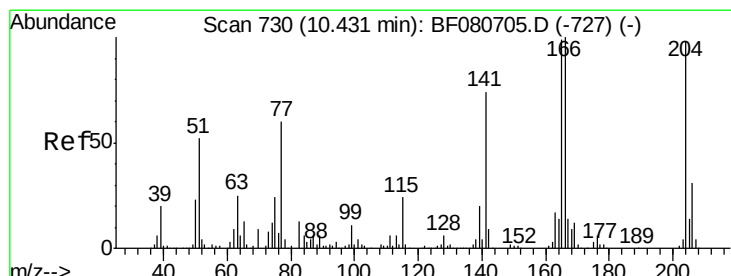
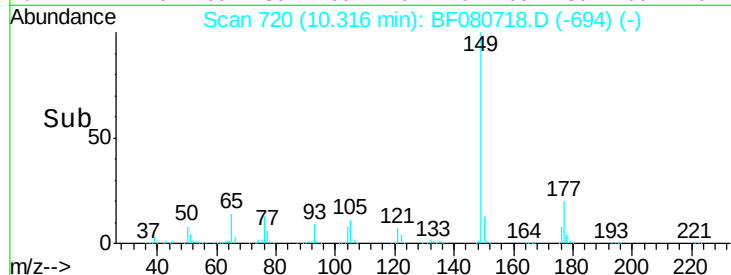
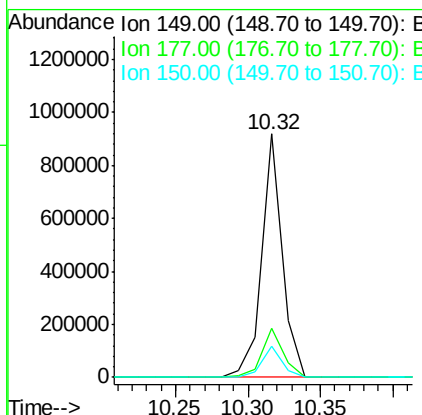
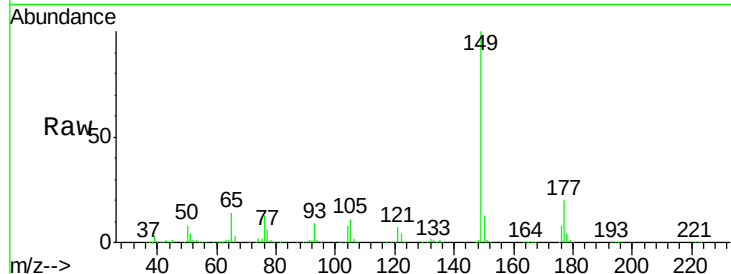




#59
Diethylphthalate
Concen: 42.08 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

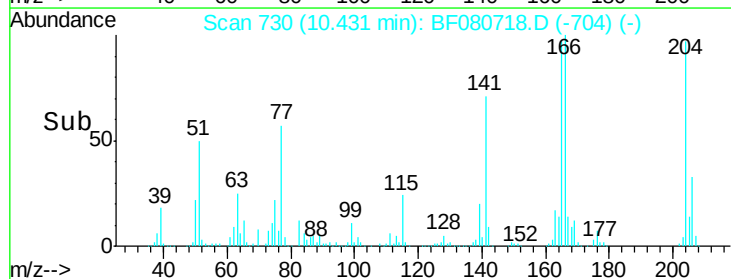
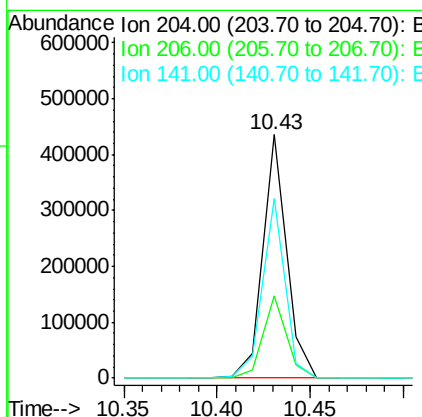
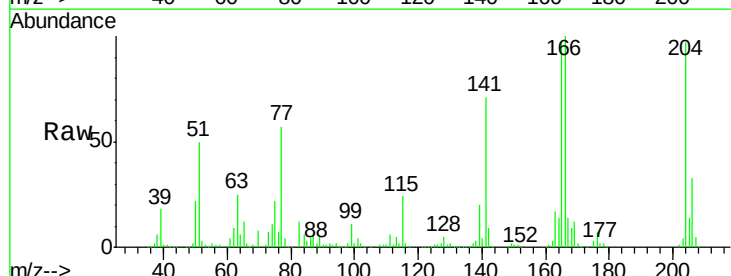
Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

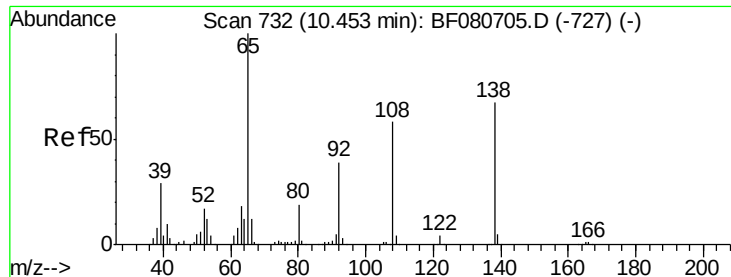
Tgt Ion:149 Resp: 899105
Ion Ratio Lower Upper
149 100
177 20.2 16.6 25.0
150 12.8 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 44.42 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion:204 Resp: 381209
Ion Ratio Lower Upper
204 100
206 33.7 25.1 37.7
141 73.6 60.3 90.5

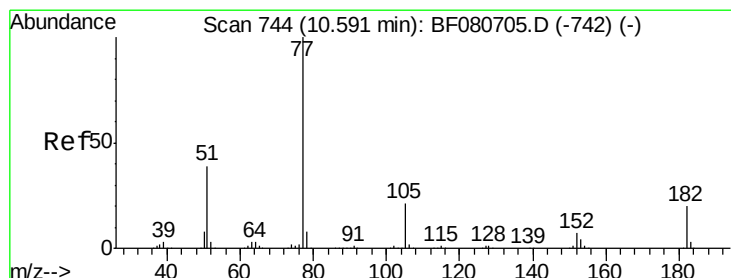
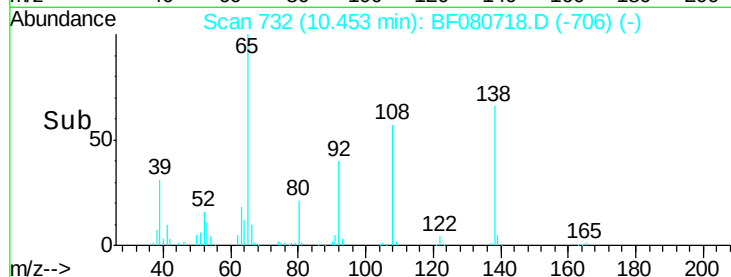
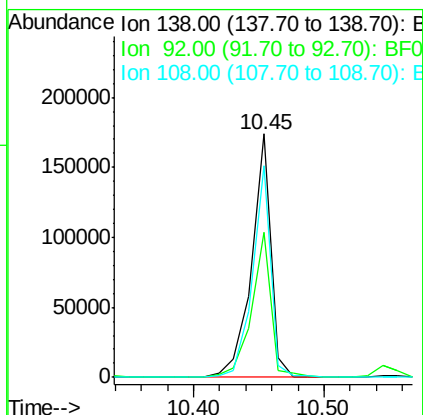
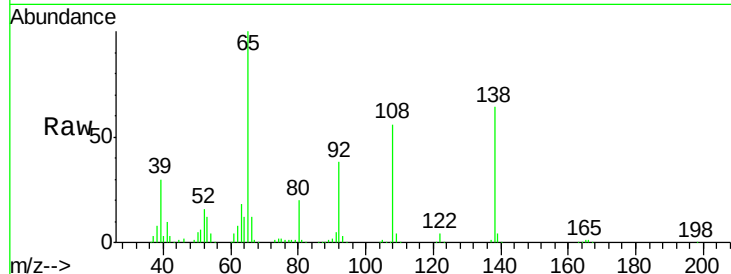




#61
4-Nitroaniline
Concen: 36.88 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

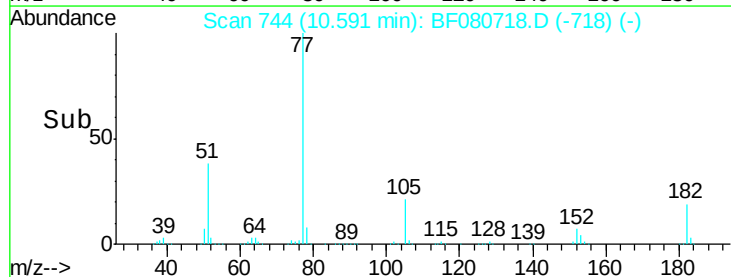
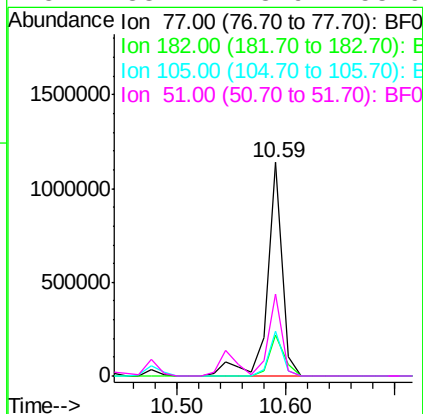
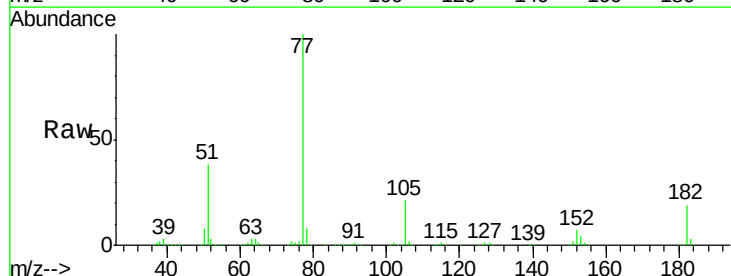
Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

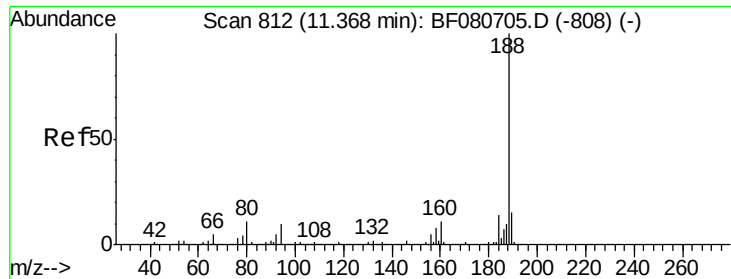
Tgt Ion:138 Resp: 180728
Ion Ratio Lower Upper
138 100
92 59.7 38.2 78.2
108 86.9 66.3 106.3



#62
Azobenzene
Concen: 47.61 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion: 77 Resp: 1101942
Ion Ratio Lower Upper
77 100
182 19.2 0.0 39.9
105 21.0 1.1 41.1
51 38.2 18.9 58.9

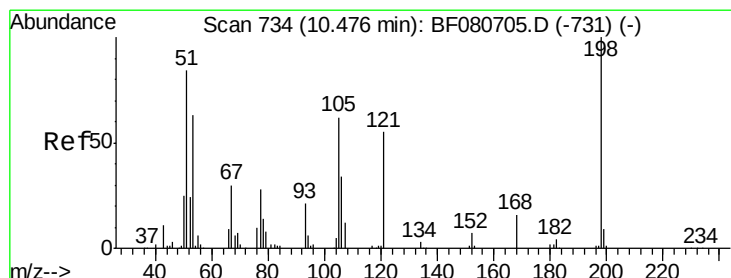
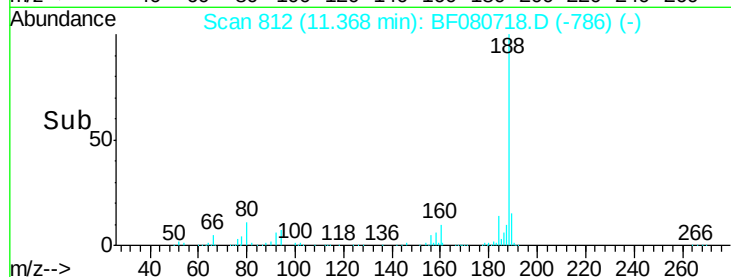
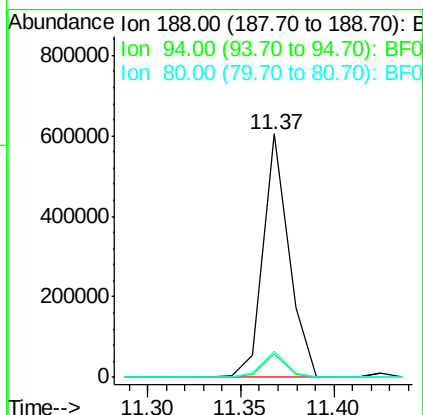
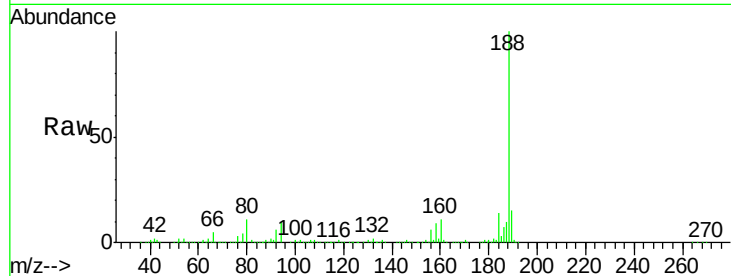




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

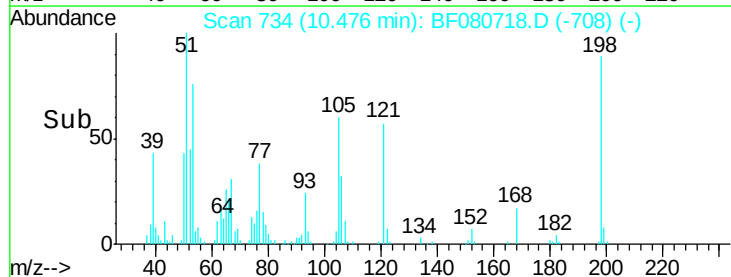
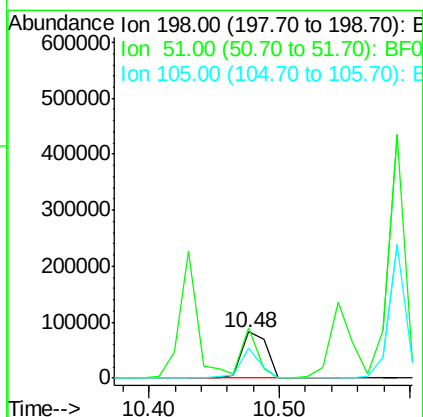
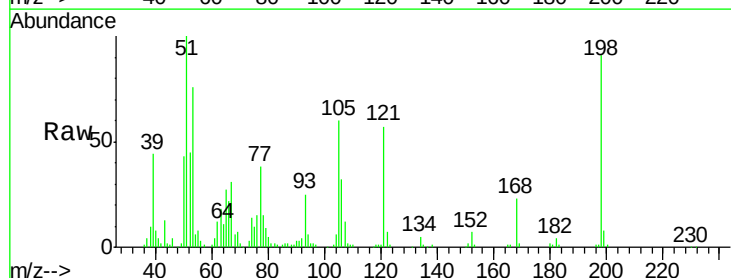
Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

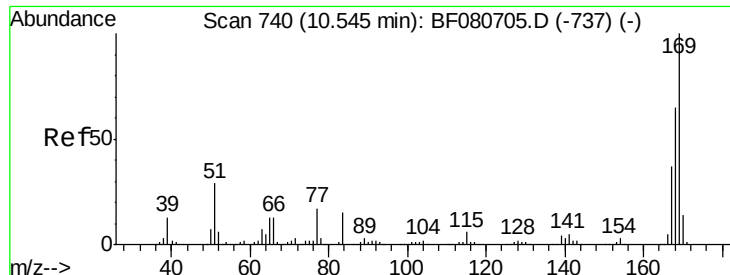
Tgt Ion:188 Resp: 575450
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.9 9.1 13.7



#64
4,6-Dinitro-2-methylphenol
Concen: 31.94 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion:198 Resp: 110676
Ion Ratio Lower Upper
198 100
51 109.5 84.6 124.6
105 65.7 43.0 83.0

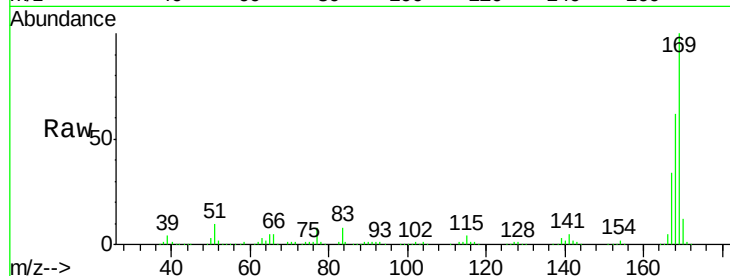




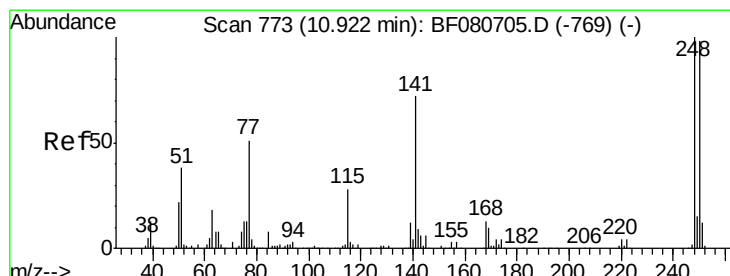
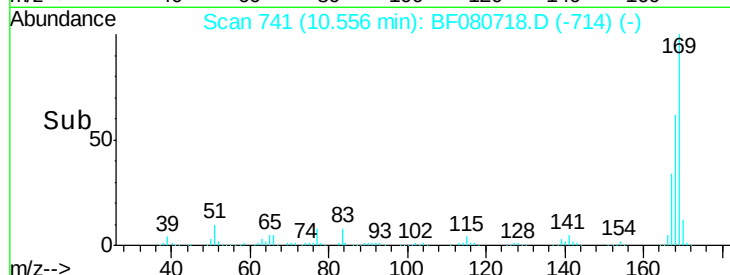
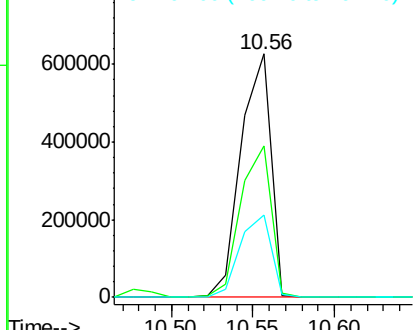
#65
 n-Nitrosodiphenylamine
 Concen: 42.27 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.01 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

Tgt Ion:169 Resp: 797415
 Ion Ratio Lower Upper
 169 100
 168 62.4 52.1 78.1
 167 34.0 29.3 43.9

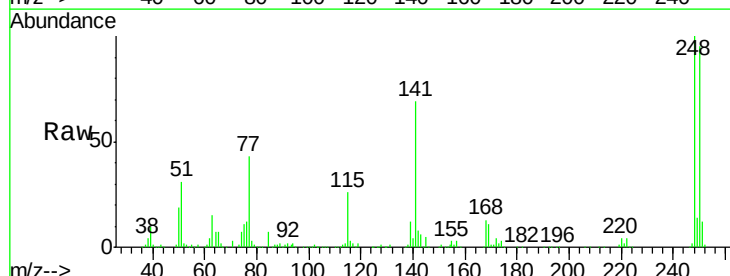


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

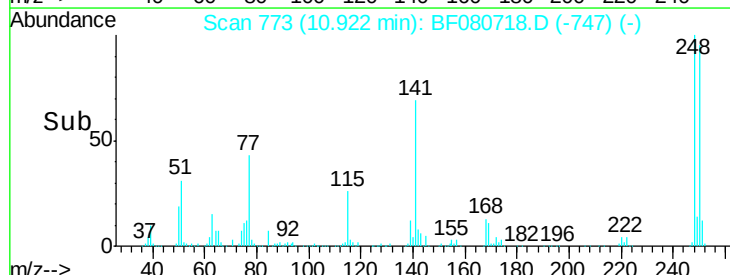
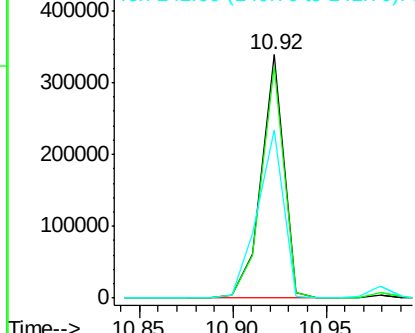


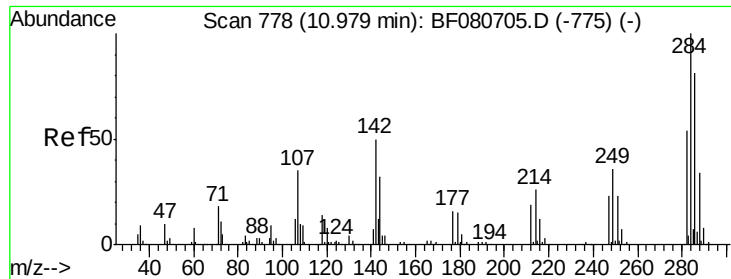
#66
 4-Bromophenyl-phenylether
 Concen: 47.41 ng
 RT: 10.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion:248 Resp: 281644
 Ion Ratio Lower Upper
 248 100
 250 95.1 78.4 117.6
 141 68.9 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: 40.97 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

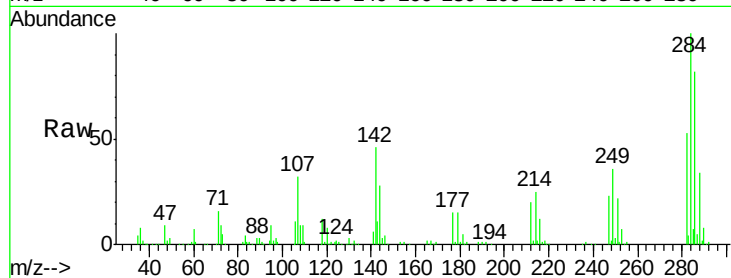
Tgt Ion:284 Resp: 281409

Ion Ratio Lower Upper

284 100

142 45.8 39.8 59.6

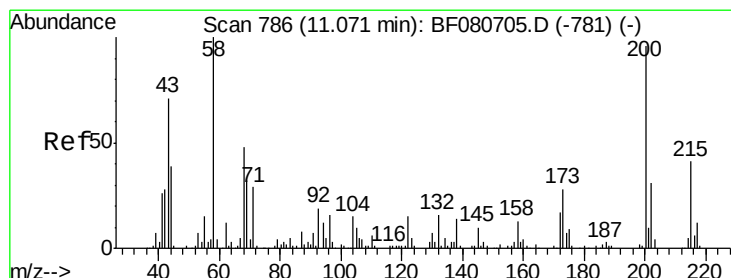
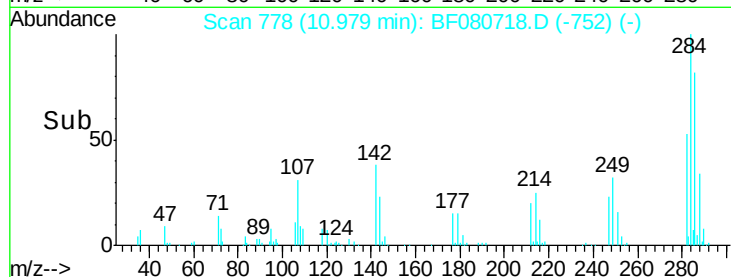
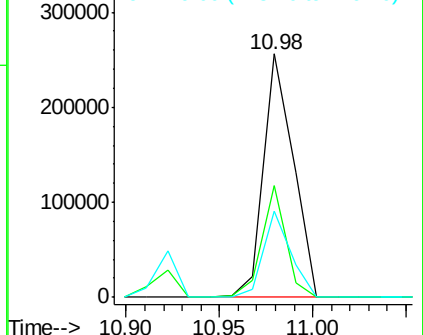
249 35.6 28.7 43.1



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: Below Cal

RT: 11.08 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

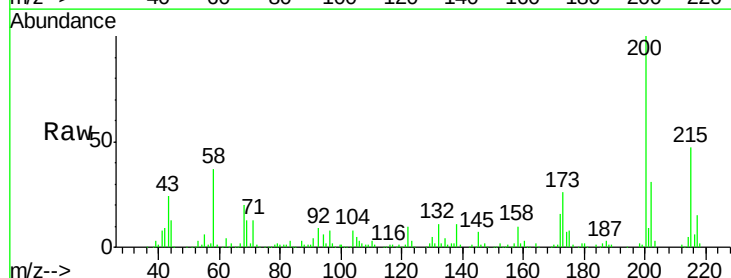
Tgt Ion:200 Resp: 281203

Ion Ratio Lower Upper

200 100

173 25.8 8.6 48.6

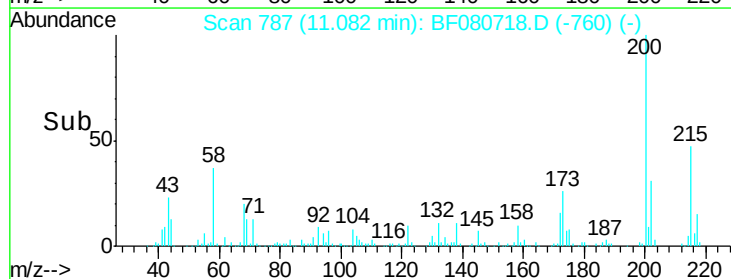
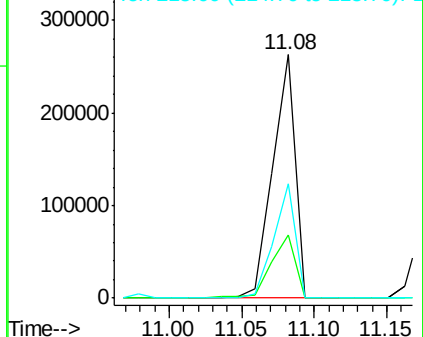
215 47.0 22.2 62.2

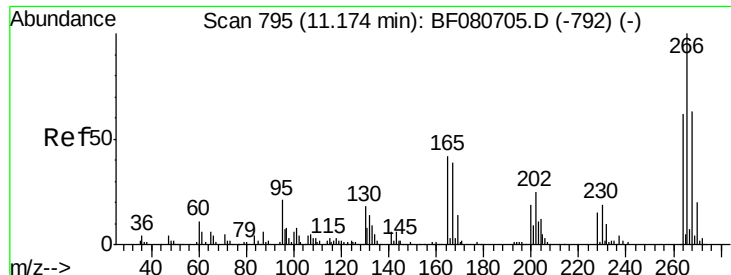


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

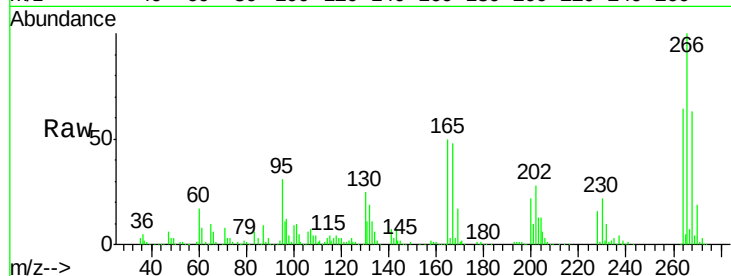




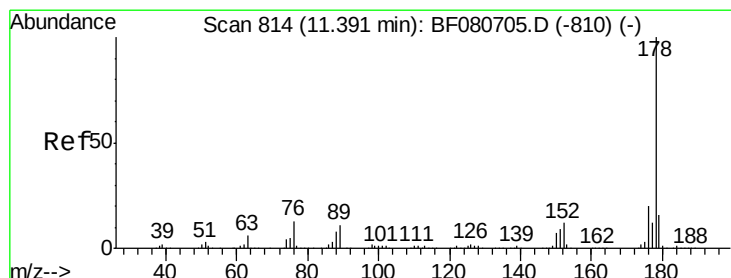
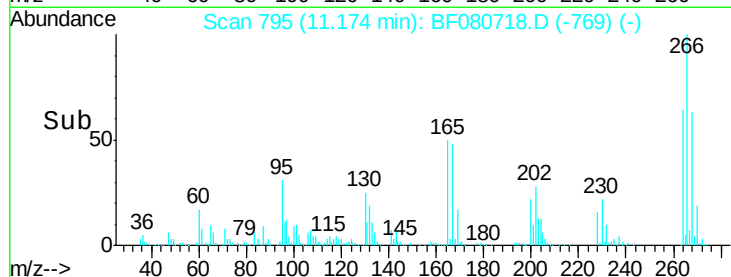
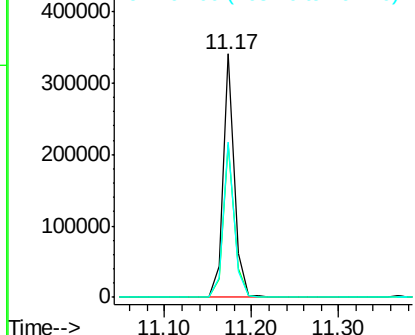
#69
 Pentachlorophenol
 Concen: 75.24 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

Tgt Ion:266 Resp: 312719
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.5 75.7
 264 63.7 50.0 75.0

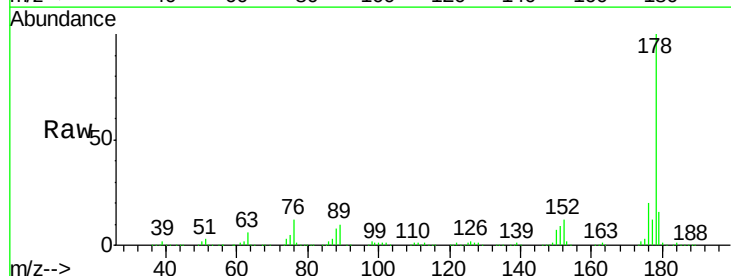


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

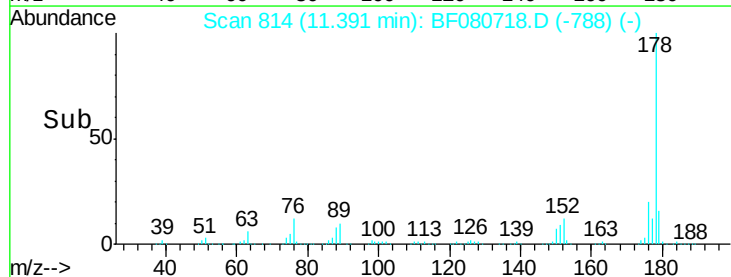
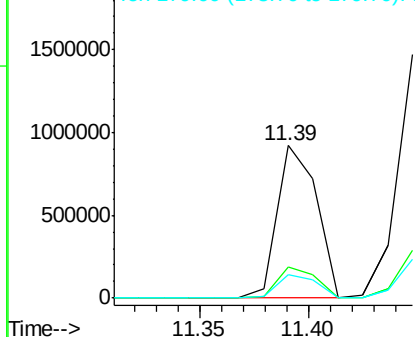


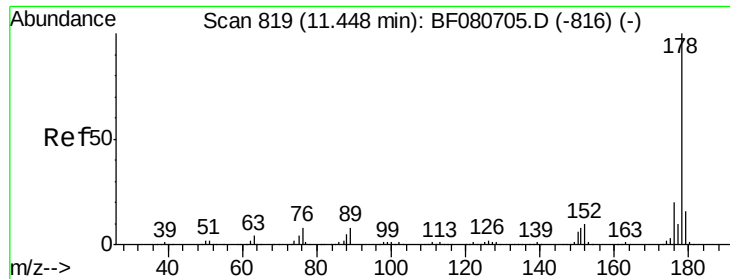
#70
 Phenanthrene
 Concen: 40.43 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion:178 Resp: 1172156
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 15.8 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

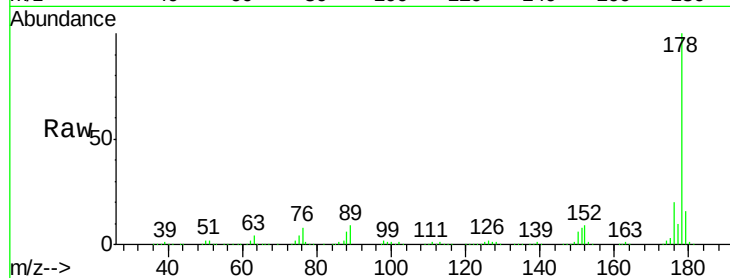




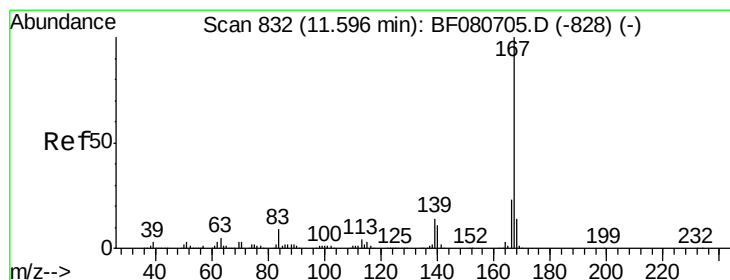
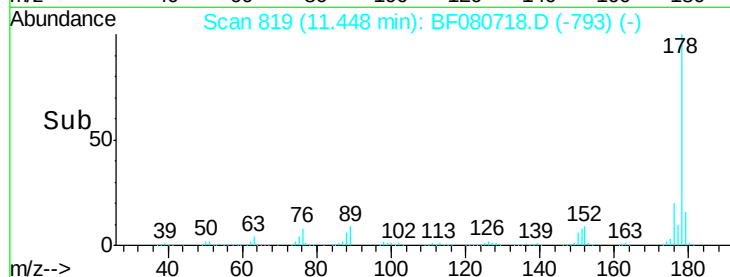
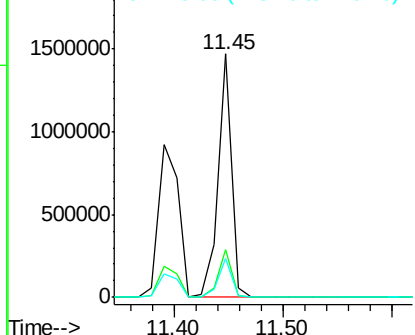
#71
 Anthracene
 Concen: 45.00 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

Tgt Ion:178 Resp: 1281910
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.0 12.7 19.1

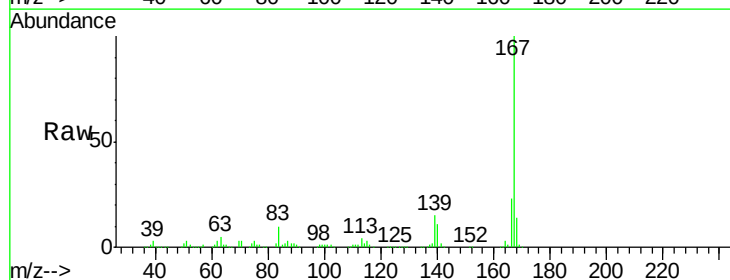


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

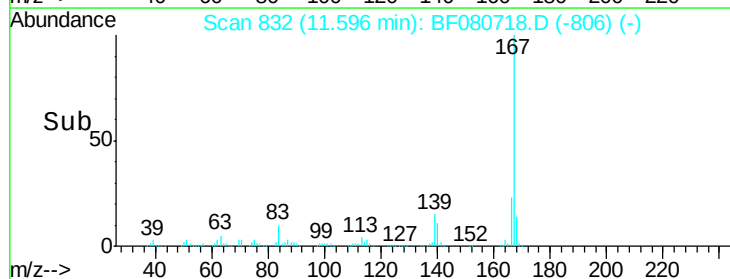
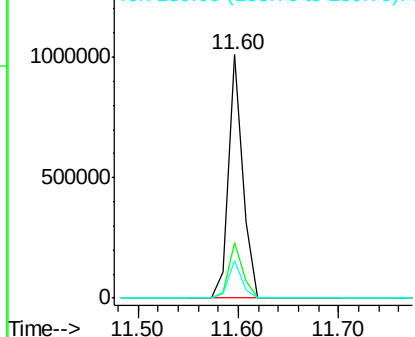


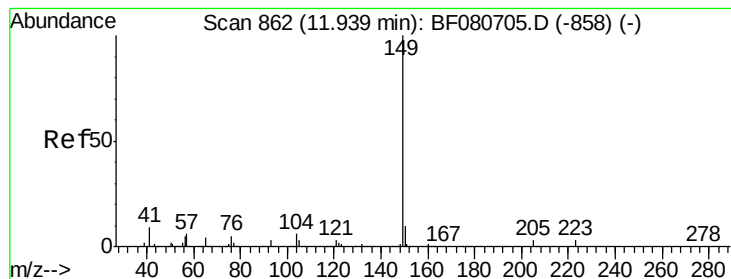
#72
 Carbazole
 Concen: 40.15 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion:167 Resp: 992728
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 15.2 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: 48.38 ng

RT: 11.94 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

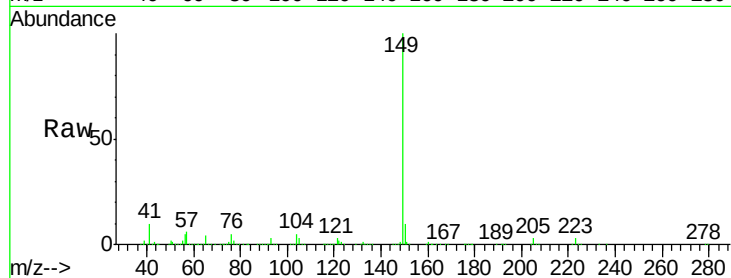
Tgt Ion:149 Resp: 1483438

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

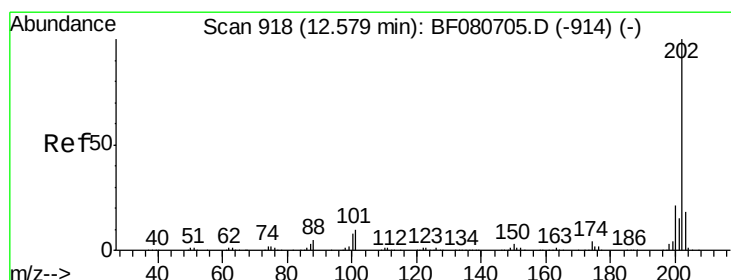
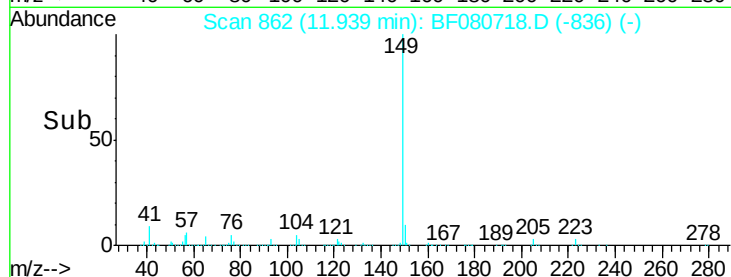
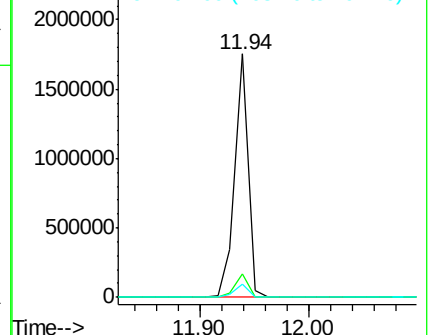
104 5.5 4.4 6.6



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: 45.79 ng

RT: 12.58 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

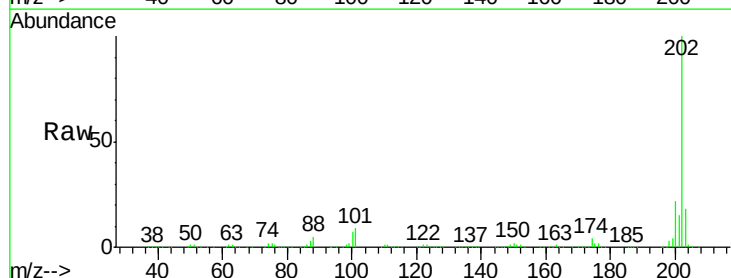
Tgt Ion:202 Resp: 1283402

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.6

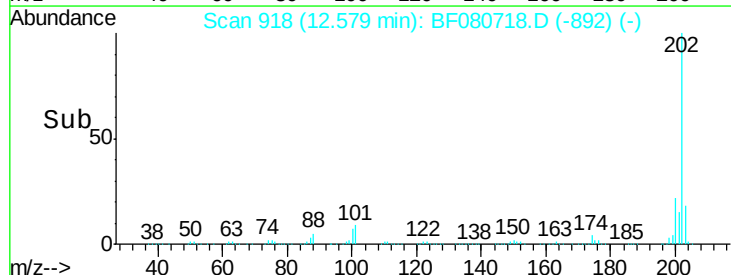
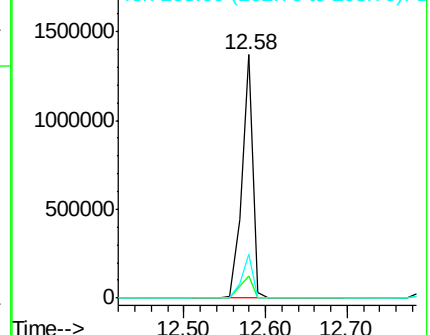
203 18.0 0.0 37.8

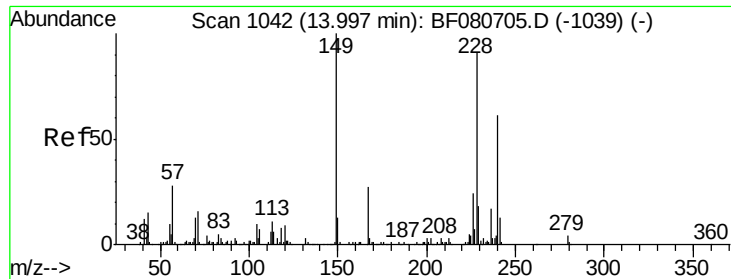


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

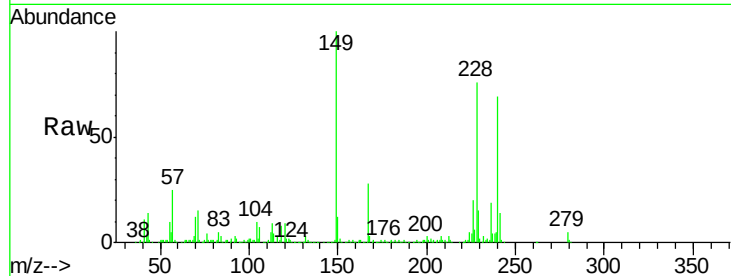
Tgt Ion:240 Resp: 341370

Ion Ratio Lower Upper

240 100

120 13.1 11.8 17.8

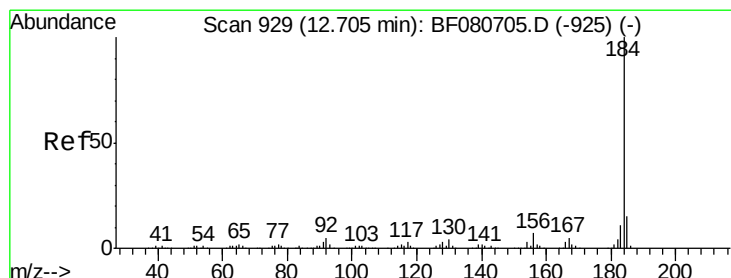
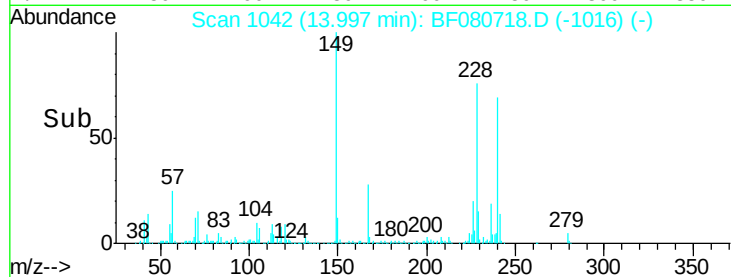
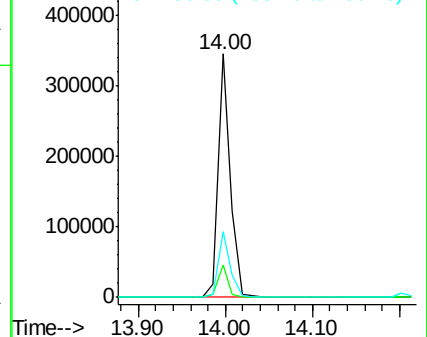
236 27.0 21.8 32.8



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: 17.32 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

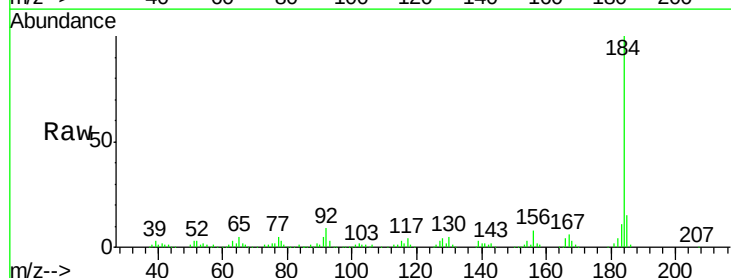
Tgt Ion:184 Resp: 215220

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

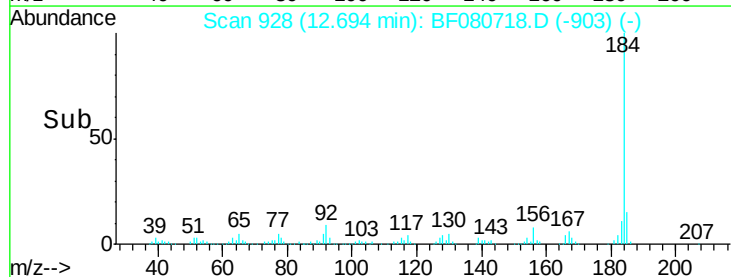
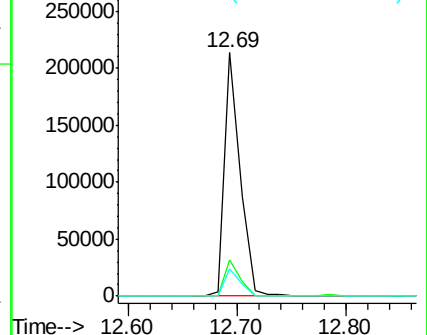
183 11.3 9.1 13.7

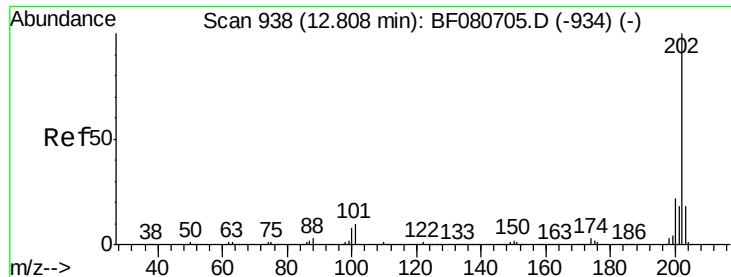


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



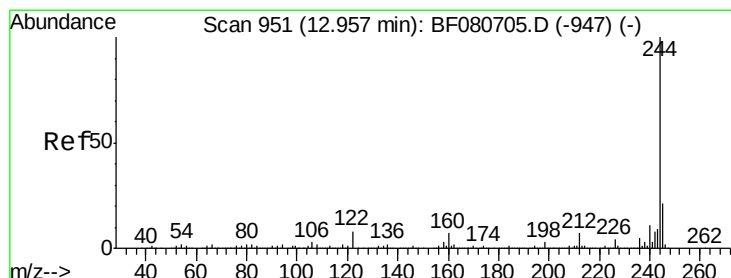
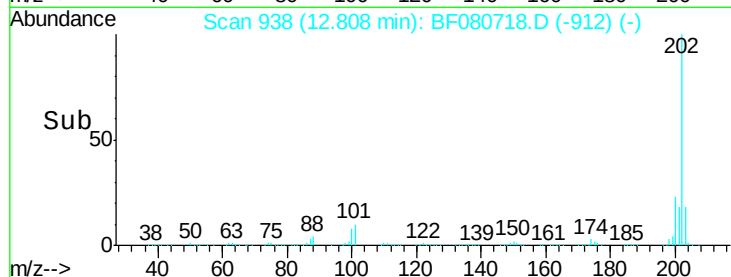
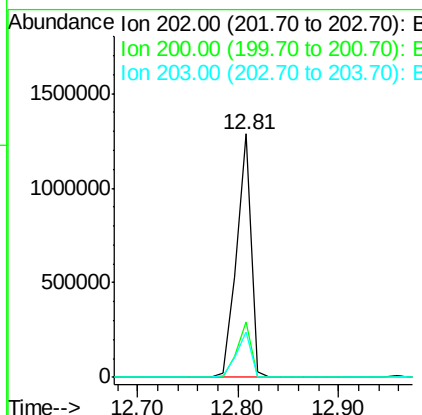
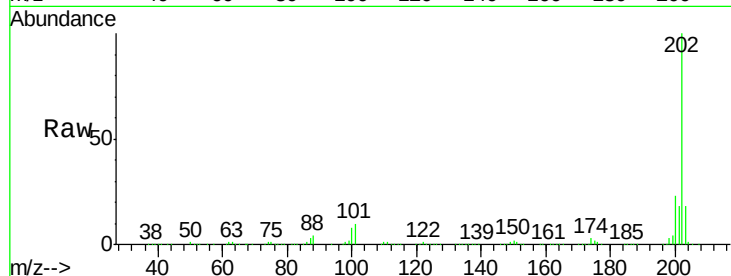


#77
Pyrene
 Concen: 48.60 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Instrument :
 BNA_F
ClientSampleId :
 GRID-5-(6-12)MSD

Tgt Ion: 202 Resp: 1286757

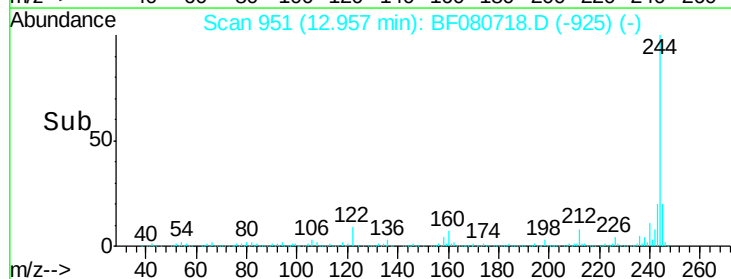
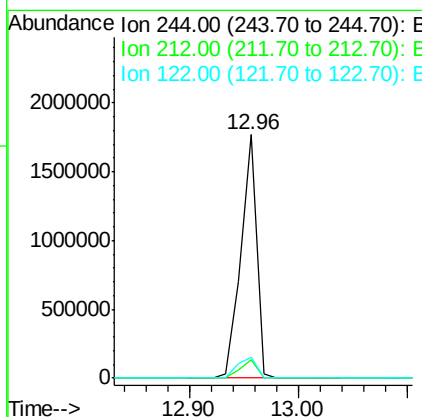
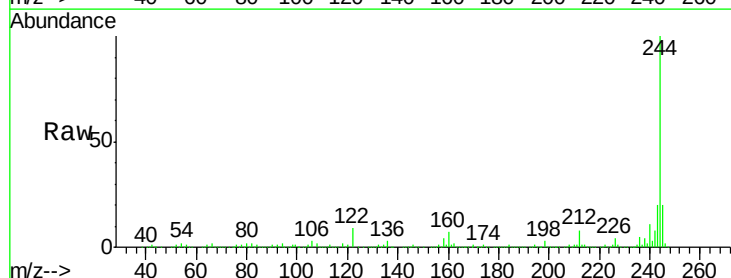
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	18.4	14.2	21.2

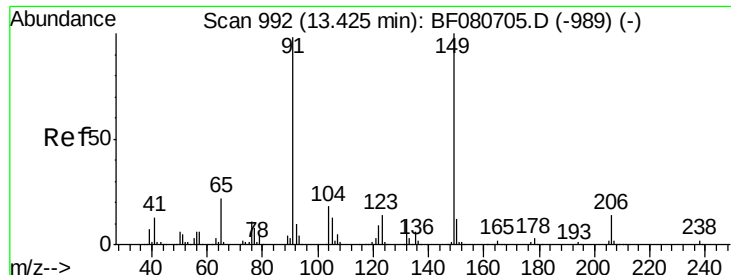


#78
Terphenyl-d14
 Concen: 96.77 ng
 RT: 12.96 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion: 244 Resp: 1746724

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	8.6	6.6	9.8

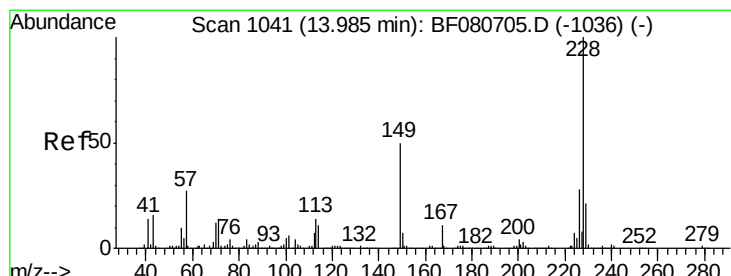
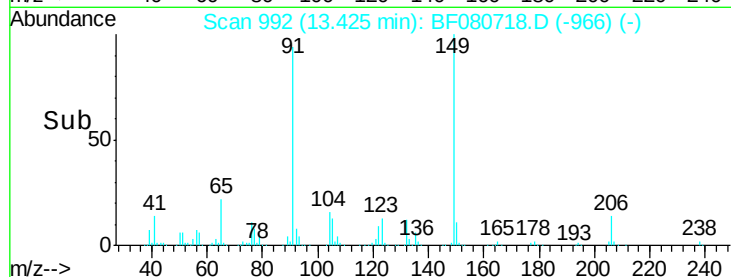
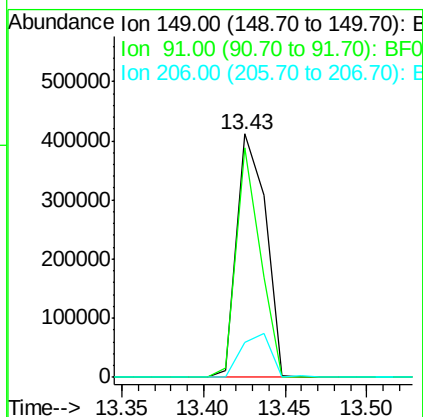
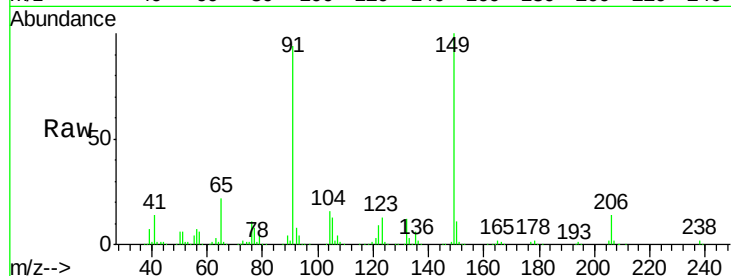




#79
Butylbenzylphthalate
Concen: 45.80 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

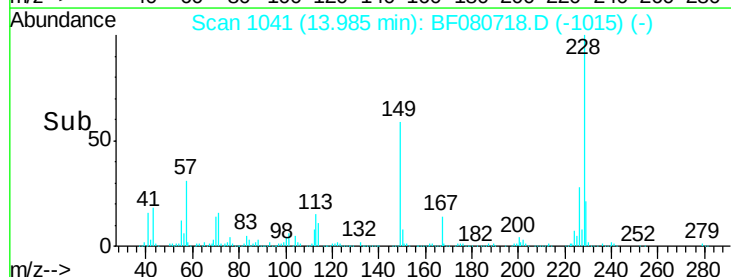
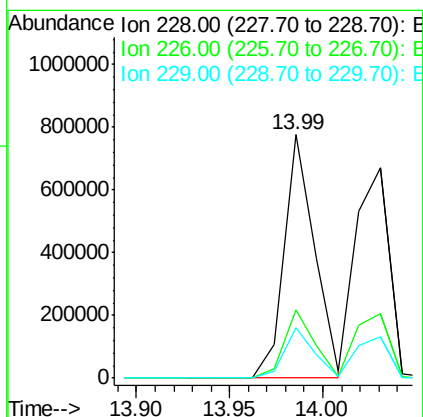
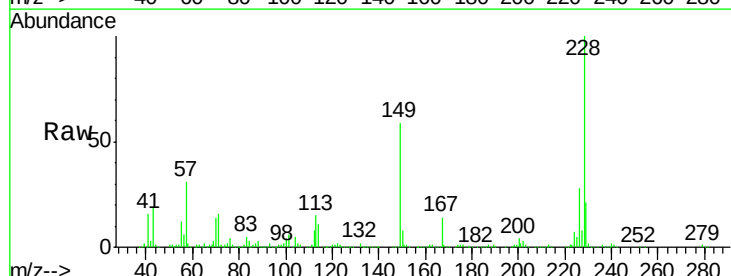
Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

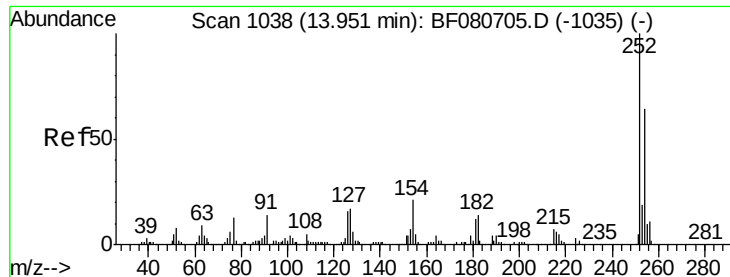
Tgt Ion:149 Resp: 503347
Ion Ratio Lower Upper
149 100
91 94.4 78.6 118.0
206 14.3 11.4 17.2



#80
Benzo(a)anthracene
Concen: 43.05 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion:228 Resp: 883762
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.7 16.6 25.0

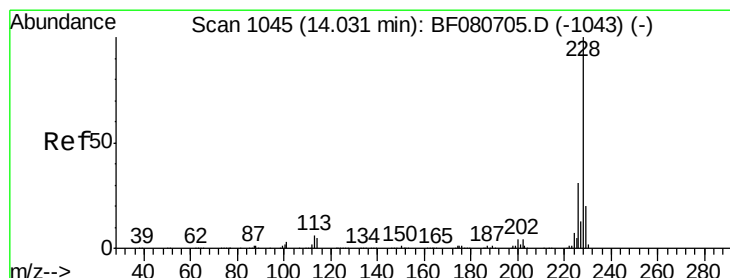
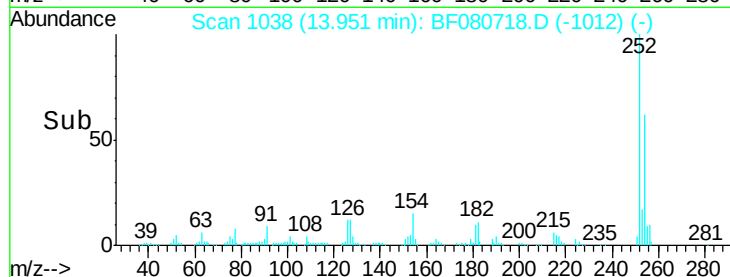
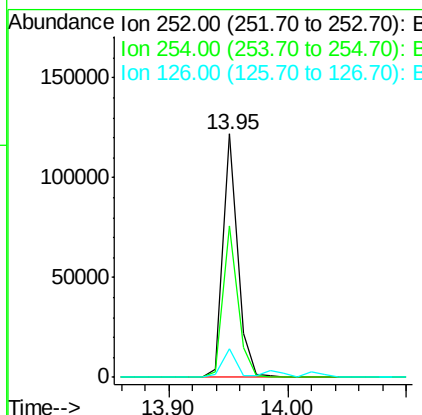
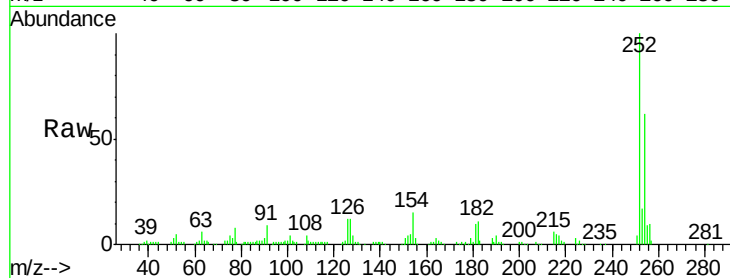




#81
 3,3'-Dichlorobenzidine
 Concen: 14.73 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

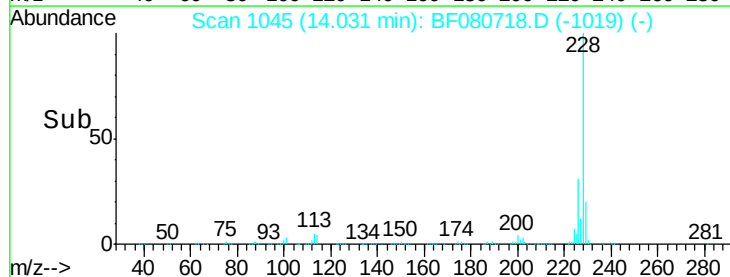
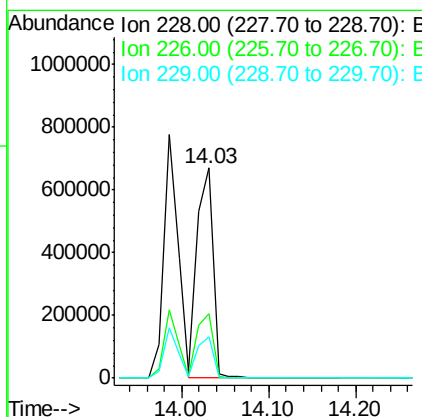
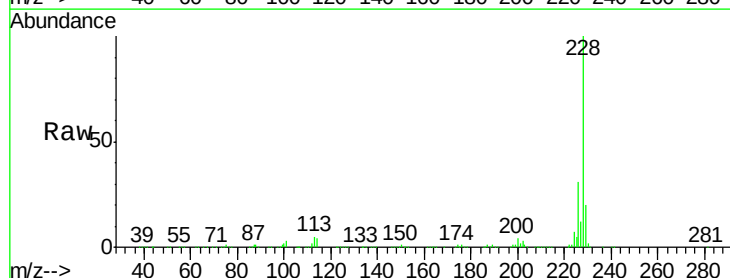
Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

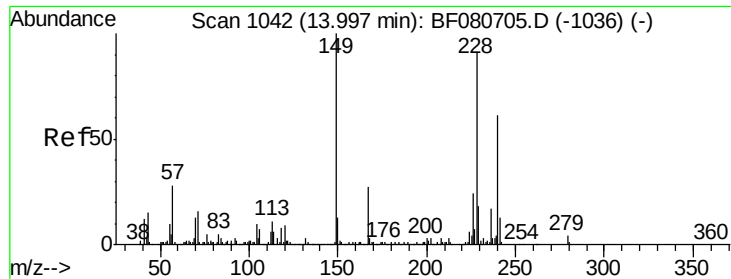
Tgt Ion: 252 Resp: 103220
 Ion Ratio Lower Upper
 252 100
 254 62.2 51.0 76.4
 126 11.8 13.2 19.8#



#82
 Chrysene
 Concen: 42.32 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion: 228 Resp: 843303
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.1 37.7
 229 20.0 15.8 23.8

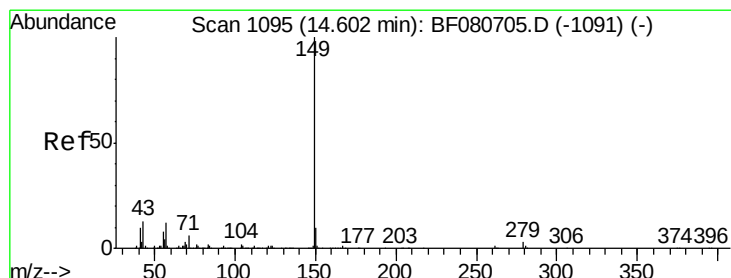
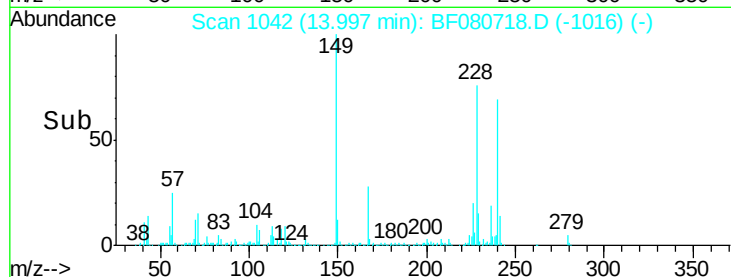
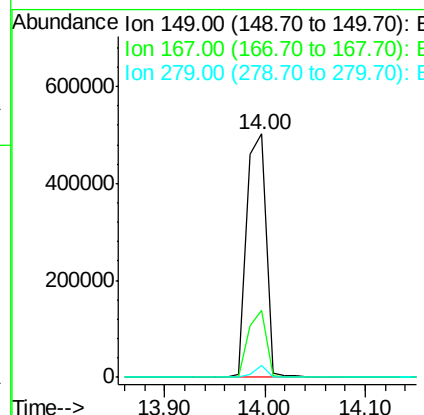
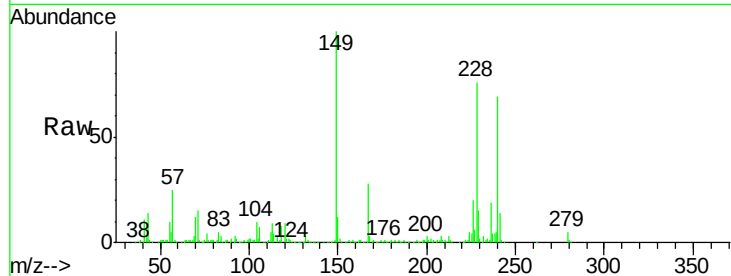




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.13 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

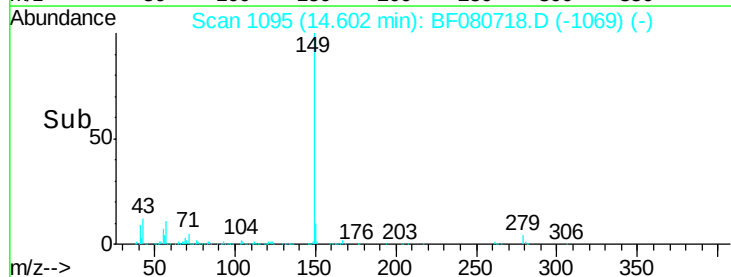
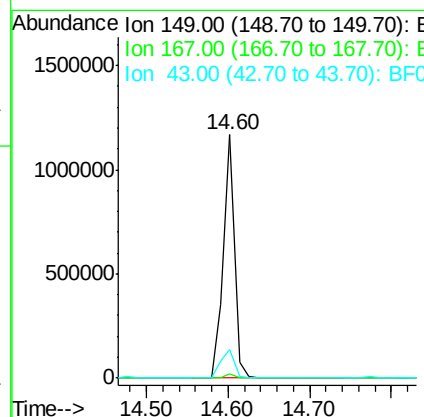
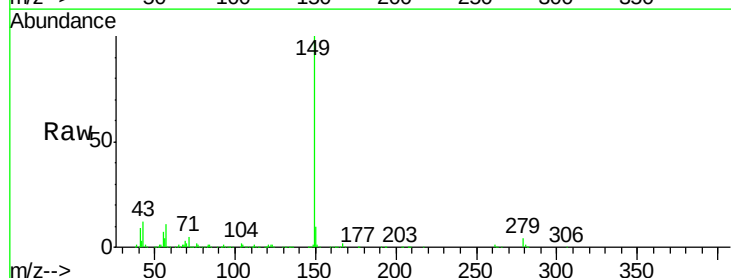
Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

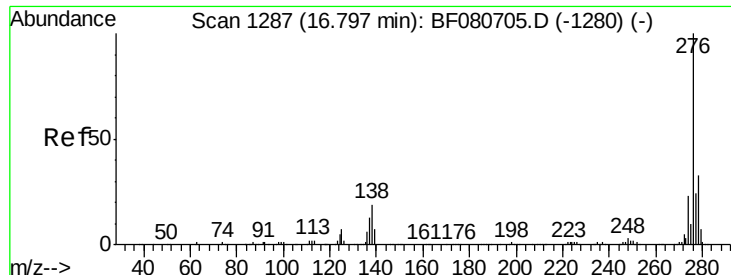
Tgt Ion:149 Resp: 673939
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.8 32.8
 279 4.8 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 50.18 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion:149 Resp: 1108935
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 14.2 12.2 18.4

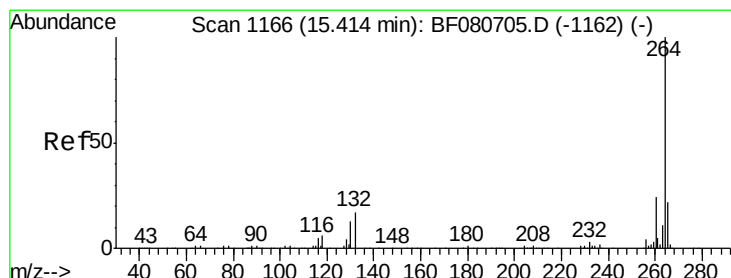
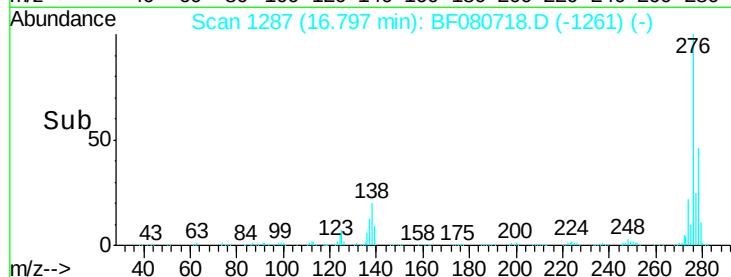
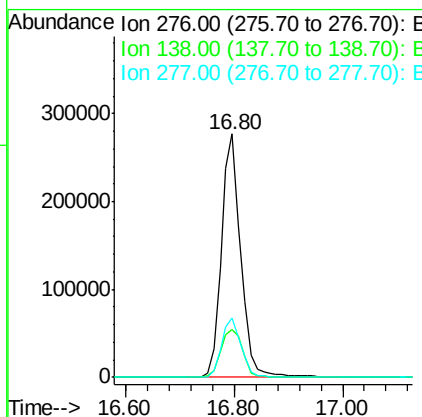
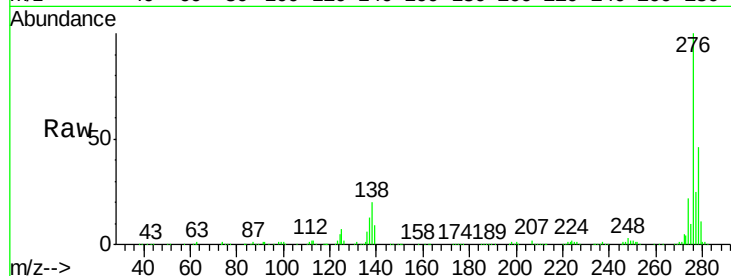




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.59 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

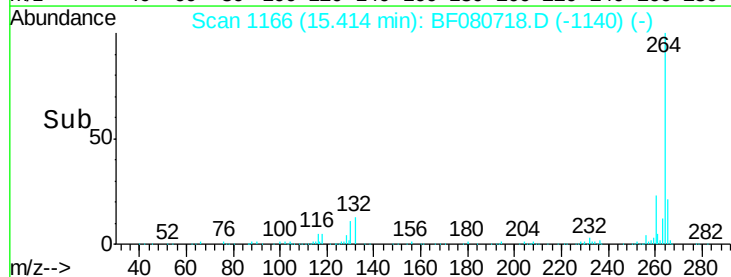
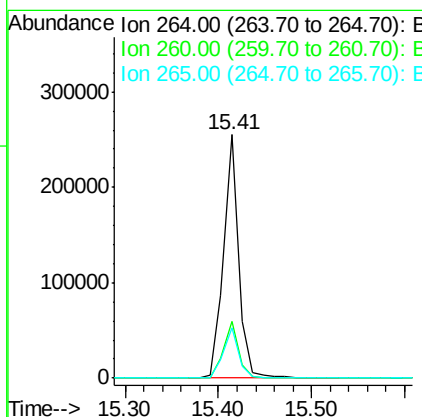
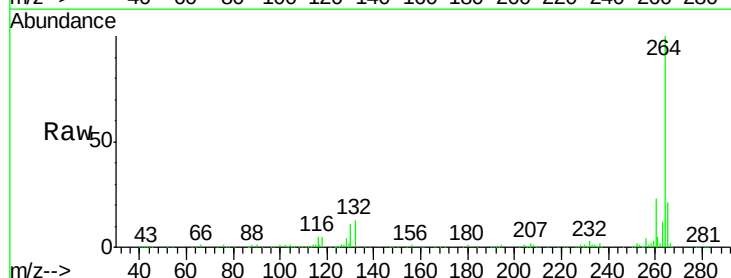
Instrument :
 BNA_F
 ClientSampleId :
 GRID-5-(6-12)MSD

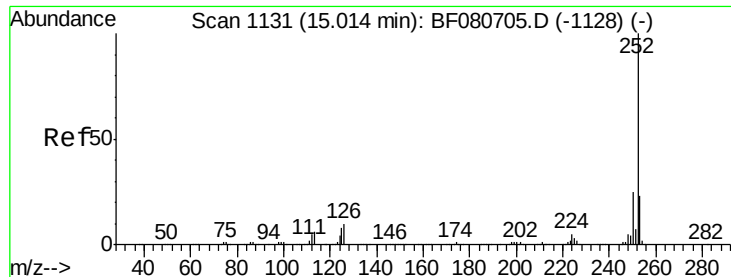
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	13.2	19.8#
277	25.0	15.4	23.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF080718.D
 Acq: 31 Jul 2015 4:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	20.8	17.3	25.9

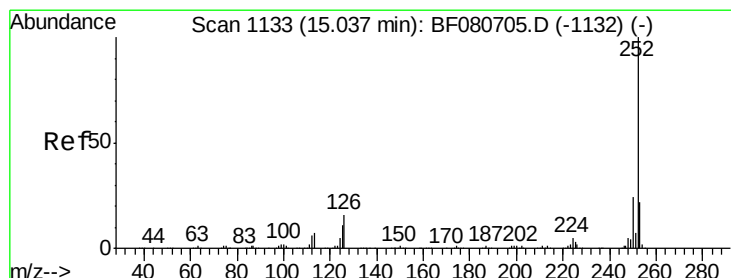
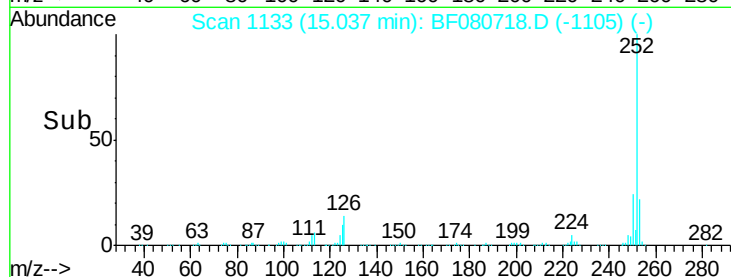
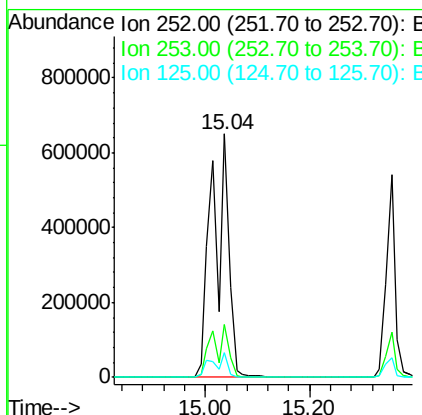
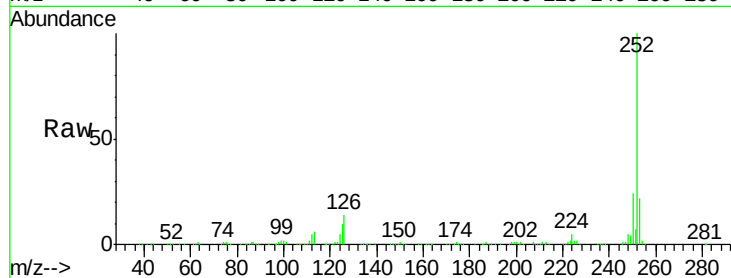




#87
Benzo(b)fluoranthene
Concen: 83.26 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.02 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

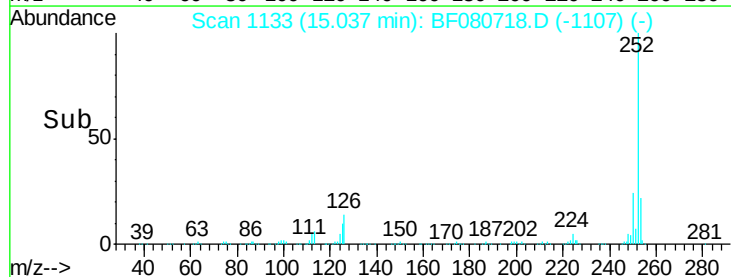
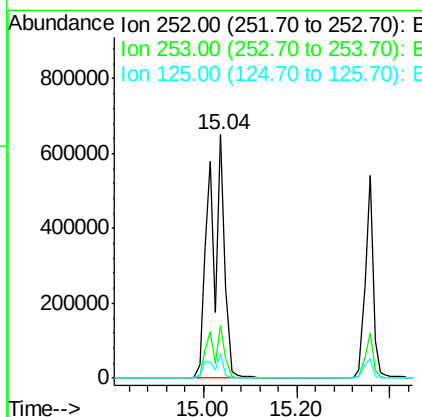
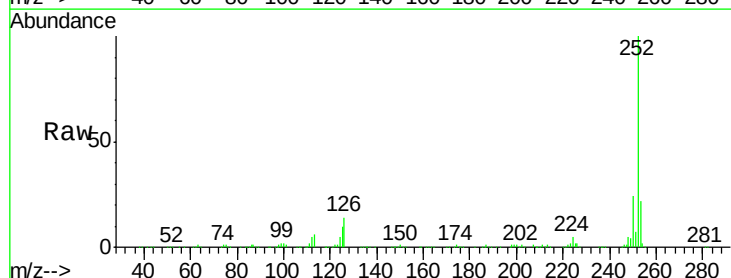
Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

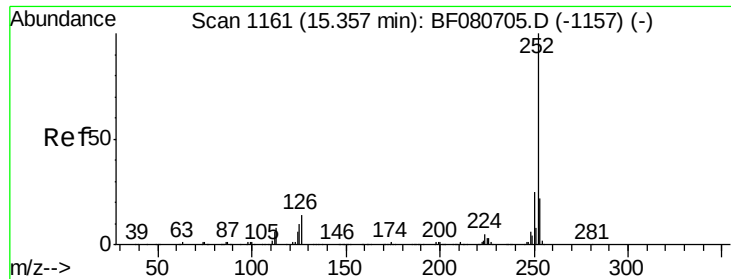
Tgt Ion:252 Resp: 1430163
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 10.0 6.2 9.2#



#88
Benzo(k)fluoranthene
Concen: 101.25 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF080718.D
Acq: 31 Jul 2015 4:32

Tgt Ion:252 Resp: 1431311
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.0 9.0 13.4





#89

Benzo(a)pyrene

Concen: 46.70 ng

RT: 15.36 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD

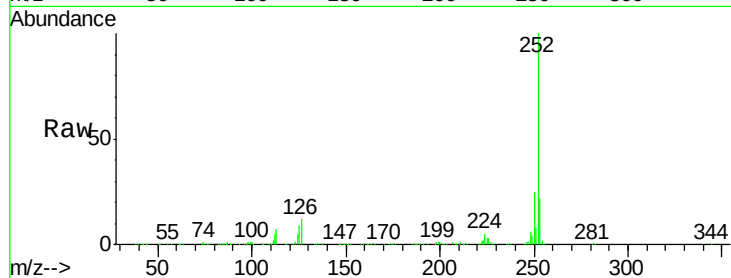
Tgt Ion:252 Resp: 658513

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

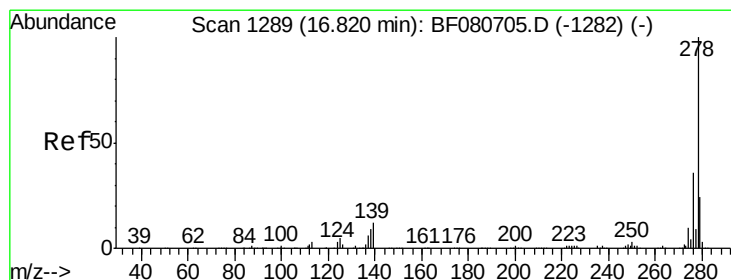
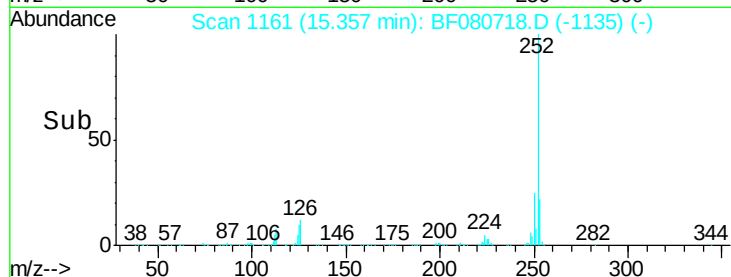
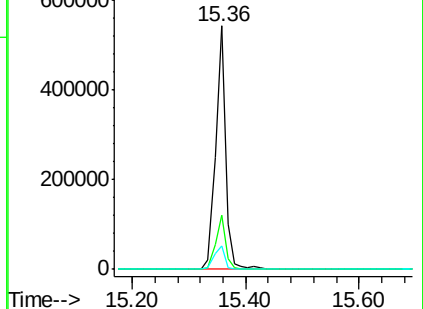
125 9.5 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.16 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF080718.D

Acq: 31 Jul 2015 4:32

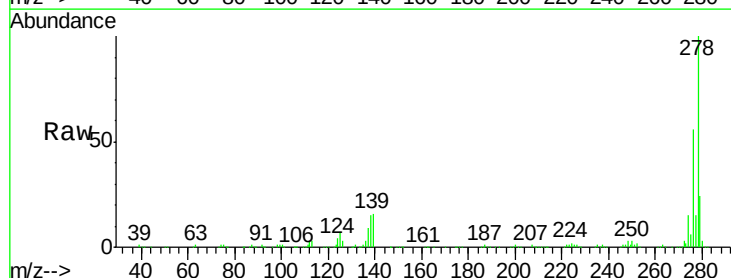
Tgt Ion:278 Resp: 582743

Ion Ratio Lower Upper

278 100

139 15.6 9.8 14.8#

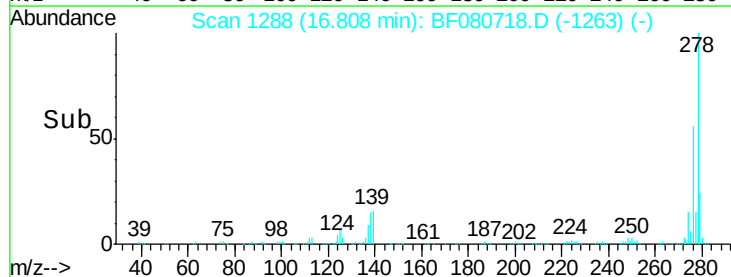
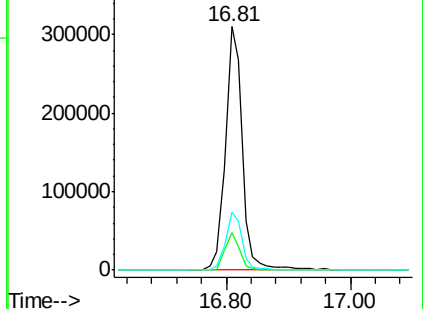
279 24.0 19.4 29.2

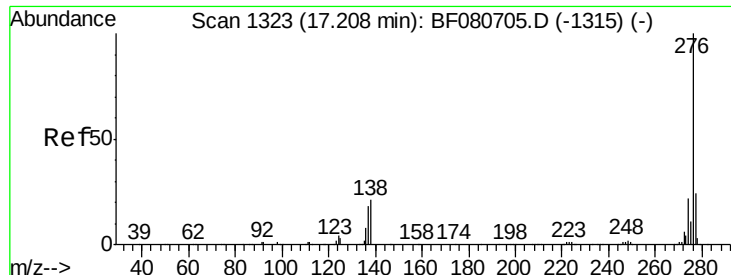


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.20 ng

RT: 17.21 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF080718.D

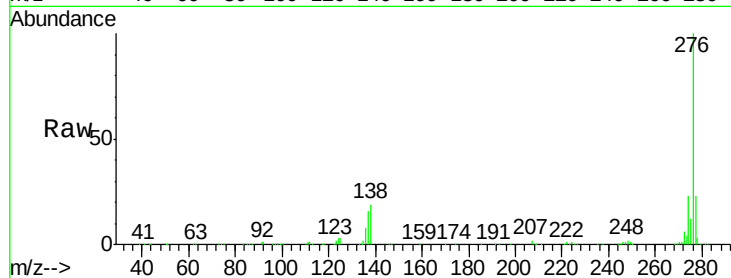
Acq: 31 Jul 2015 4:32

Instrument :

BNA_F

ClientSampleId :

GRID-5-(6-12)MSD



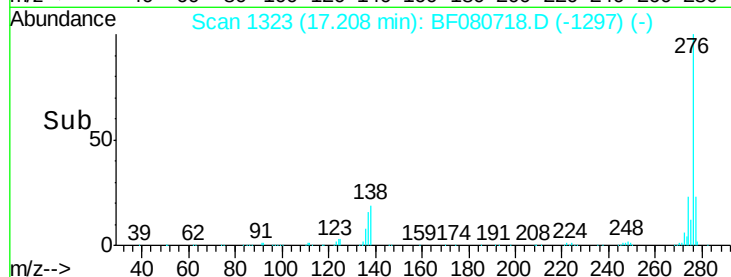
Tgt Ion: 276 Resp: 573923

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 19.1 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

