

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080120.D
 Acq On : 23 Jun 2015 5:49
 Operator : TP/IZ
 Sample : G2716-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-11MSD

Quant Time: Jun 23 06:46:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	46055	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	183135	20.00	ng	0.00
38) Acenaphthene-d10	10.39	164	93304	20.00	ng	0.00
63) Phenanthrene-d10	11.90	188	199011	20.00	ng	-0.01
75) Chrysene-d12	14.96	240	216578	20.00	ng	-0.03
86) Perylene-d12	16.91	264	212752	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	358421	137.76	ng	0.00
7) Phenol-d6	6.93	99	482455	139.35	ng	0.00
23) Nitrobenzene-d5	7.88	82	277679	88.27	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	117733	129.04	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	478077	73.07	ng	0.00
78) Terphenyl-d14	13.64	244	533449	57.52	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	38449	31.09	ng	87
3) Pyridine	4.10	79	11657	3.54	ng	# 80
4) n-Nitrosodimethylamine	3.93	42	59239	37.90	ng	94
6) Aniline	6.97	93	140982	29.60	ng	# 90
8) 2-Chlorophenol	7.11	128	122804	40.84	ng	95
9) Benzaldehyde	6.87	77	89034	44.55	ng	# 85
10) Phenol	6.94	94	194855	51.57	ng	78
11) bis(2-Chloroethyl)ether	7.04	93	132493	44.20	ng	90
12) 1,3-Dichlorobenzene	7.27	146	141653	39.21	ng	97
13) 1,4-Dichlorobenzene	7.34	146	152030m	44.25	ng	
14) 1,2-Dichlorobenzene	7.50	146	146981	43.97	ng	98
15) Benzyl Alcohol	7.44	79	109739	38.77	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	7.59	45	218681	49.15	ng	86
17) 2-Methylphenol	7.56	107	111409	43.37	ng	# 89
18) Hexachloroethane	7.84	117	48700	42.57	ng	93
19) n-Nitroso-di-n-propylamine	7.72	70	105688	43.97	ng	# 78
20) 3+4-Methylphenols	7.70	107	144872	43.70	ng	90
22) Acetophenone	7.72	105	176494	41.35	ng	# 76
24) Nitrobenzene	7.90	77	149334	45.99	ng	# 71
25) Isophorone	8.14	82	251888	39.79	ng	# 95
26) 2-Nitrophenol	8.22	139	69878	51.42	ng	# 66
27) 2,4-Dimethylphenol	8.24	122	132150	46.63	ng	# 82
28) bis(2-Chloroethoxy)methane	8.33	93	146529	39.39	ng	# 91
29) 2,4-Dichlorophenol	8.46	162	122187	50.35	ng	97
30) 1,2,4-Trichlorobenzene	8.55	180	122018	44.27	ng	99
31) Naphthalene	8.63	128	367097m	38.34	ng	
32) Benzoic acid	8.30	122	69960	40.83	ng	# 63
33) 4-Chloroaniline	8.68	127	112888m	27.55	ng	
34) Hexachlorobutadiene	8.76	225	76774	45.24	ng	98
35) Caprolactam	9.01	113	30395	38.59	ng	# 76
36) 4-Chloro-3-methylphenol	9.14	107	118273	43.21	ng	89
37) 2-Methylnaphthalene	9.33	142	260514	42.06	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	123705	45.56	ng	99
40) Hexachlorocyclopentadiene	9.49	237	88732	64.80	ng	95

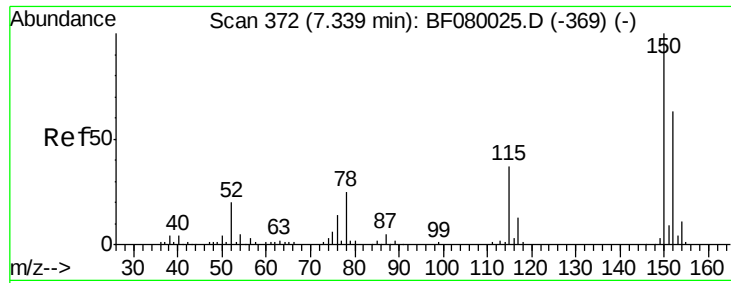
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
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 Operator : TP/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.60	196	83326	45.10	ng	97
43) 2,4,5-Trichlorophenol	9.65	196	83262	39.12	ng #	90
45) 1,1'-Biphenyl	9.80	154	328346	43.25	ng	95
46) 2-Chloronaphthalene	9.83	162	242251	39.33	ng	97
47) 2-Nitroaniline	9.91	65	74272	43.93	ng	88
48) Acenaphthylene	10.24	152	400169	38.92	ng	97
49) Dimethylphthalate	10.08	163	328216	46.79	ng #	98
50) 2,6-Dinitrotoluene	10.15	165	58518	41.61	ng #	90
51) Acenaphthene	10.42	154	254904	40.53	ng	94
52) 3-Nitroaniline	10.32	138	55621m	34.28	ng	
53) 2,4-Dinitrophenol	10.42	184	50334	87.36	ng #	1
54) Dibenzofuran	10.60	168	363947	40.78	ng	97
55) 4-Nitrophenol	10.46	139	105766	81.55	ng #	40
56) 2,4-Dinitrotoluene	10.55	165	79716	44.67	ng #	69
57) Fluorene	10.94	166	308817	43.61	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	71682	39.89	ng	96
59) Diethylphthalate	10.79	149	286677	40.59	ng	95
60) 4-Chlorophenyl-phenylether	10.93	204	132106	38.82	ng #	87
61) 4-Nitroaniline	10.93	138	62995	37.59	ng #	41
62) Azobenzene	11.08	77	277681	38.62	ng #	82
64) 4,6-Dinitro-2-methylphenol	10.96	198	32821	36.27	ng #	67
65) n-Nitrosodiphenylamine	11.03	169	237093	36.59	ng	92
66) 4-Bromophenyl-phenylether	11.42	248	87625	41.41	ng	99
67) Hexachlorobenzene	11.50	284	90717	38.57	ng #	89
68) Atrazine	11.56	200	77466	37.84	ng	82
69) Pentachlorophenol	11.69	266	107819	80.90	ng	98
70) Phenanthrene	11.92	178	452420	37.55	ng	96
71) Anthracene	11.98	178	469488	40.47	ng	98
72) Carbazole	12.13	167	404882	36.55	ng	95
73) Di-n-butylphthalate	12.47	149	503646	39.36	ng #	99
74) Fluoranthene	13.21	202	494620	38.55	ng	93
76) Benzidine	13.34	184	13652	2.26	ng #	93
77) Pyrene	13.48	202	516401	38.73	ng	97
79) Butylbenzylphthalate	14.21	149	227846	42.55	ng	92
80) Benzo(a)anthracene	14.95	228	492846	37.35	ng	96
81) 3,3'-Dichlorobenzidine	14.89	252	160292	35.22	ng #	94
82) Chrysene	15.00	228	467854	38.45	ng	94
83) Bis(2-ethylhexyl)phthalate	14.94	149	344640	40.72	ng	95
84) Di-n-octyl phthalate	15.79	149	591531	40.79	ng	96
85) Indeno(1,2,3-cd)pyrene	18.78	276	540089	35.20	ng #	89
87) Benzo(b)fluoranthene	16.37	252	477824	37.09	ng #	86
88) Benzo(k)fluoranthene	16.40	252	511490	38.99	ng #	88
89) Benzo(a)pyrene	16.84	252	482198	39.42	ng #	85
90) Dibenzo(a,h)anthracene	18.80	278	454880	36.33	ng #	82
91) Benzo(g,h,i)perylene	19.34	276	458358	36.26	ng #	77

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

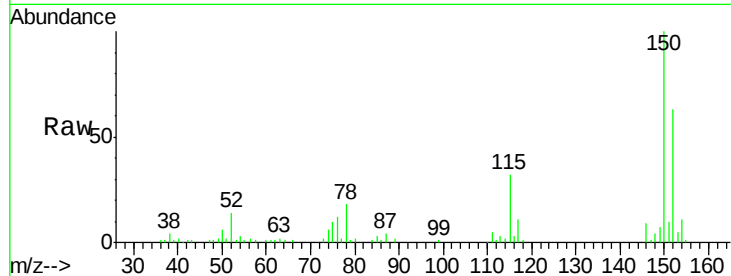


#1

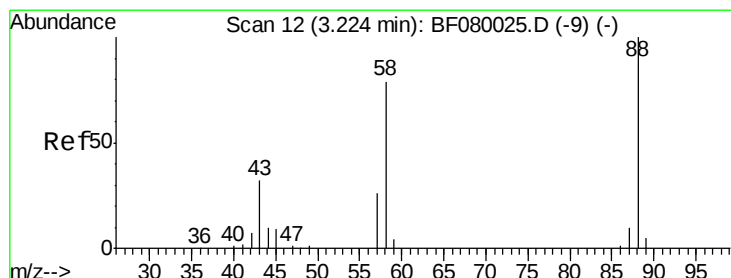
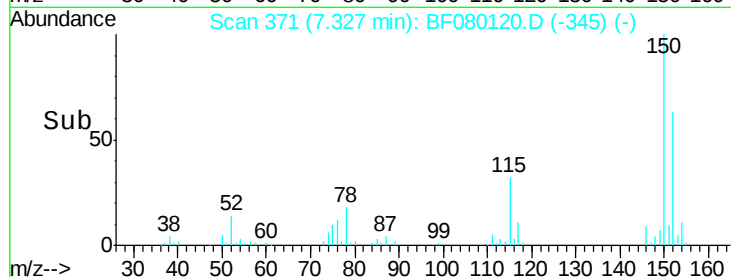
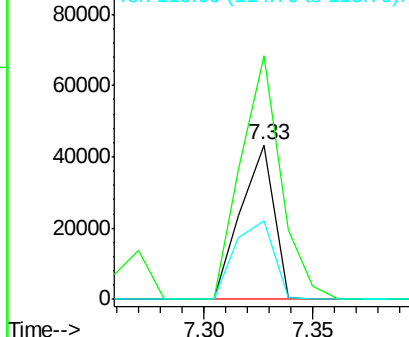
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

Tgt Ion:152 Resp: 46055
Ion Ratio Lower Upper
152 100
150 158.0 124.7 187.1
115 50.6 39.0 58.4



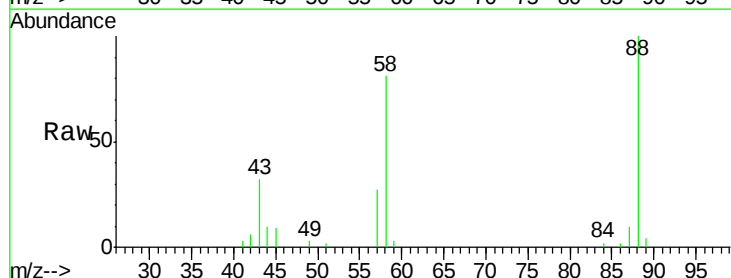
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



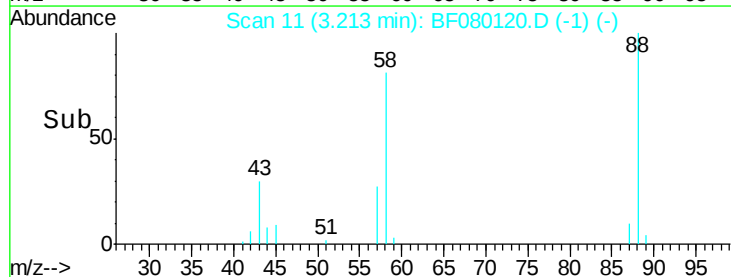
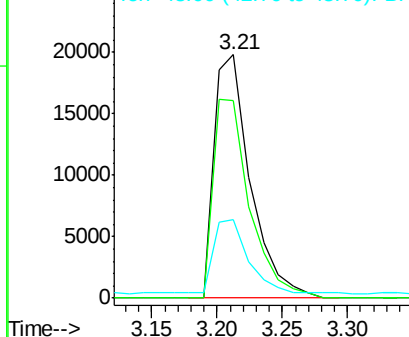
#2

1,4-Dioxane
Concen: 31.09 ng
RT: 3.21 min Scan# 11
Delta R.T. 0.02 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion: 88 Resp: 38449
Ion Ratio Lower Upper
88 100
58 82.2 77.7 116.5
43 30.5 26.6 40.0



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: 3.54 ng

RT: 4.10 min Scan# 89

Delta R.T. 0.10 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

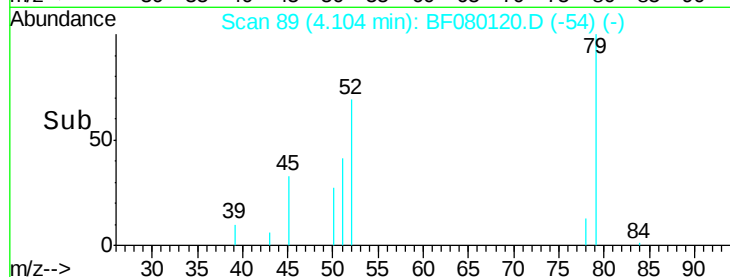
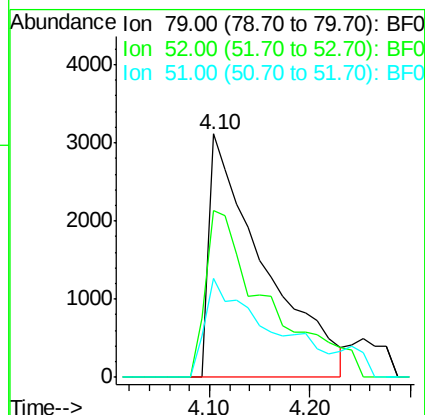
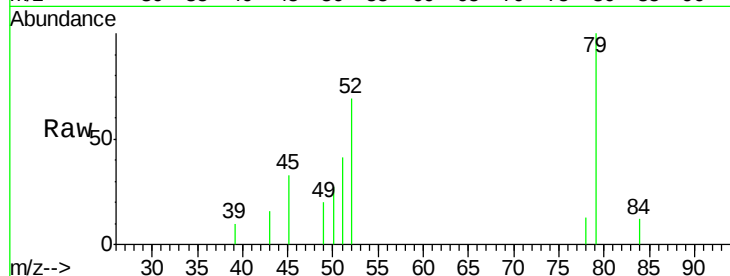
Tgt Ion: 79 Resp: 11657

Ion Ratio Lower Upper

79 100

52 68.6 76.8 115.2#

51 40.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 37.90 ng

RT: 3.93 min Scan# 74

Delta R.T. 0.01 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

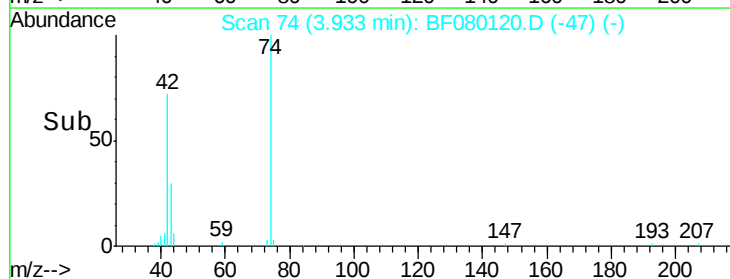
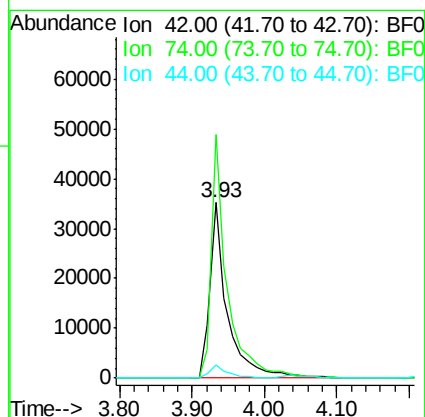
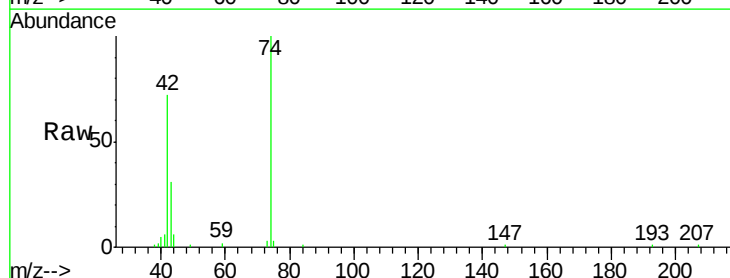
Tgt Ion: 42 Resp: 59239

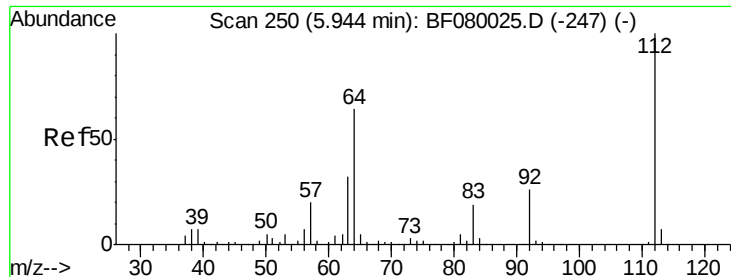
Ion Ratio Lower Upper

42 100

74 138.8 105.0 157.6

44 7.7 6.6 10.0





#5

2-Fluorophenol

Concen: 137.76 ng

RT: 5.93 min Scan# 249

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

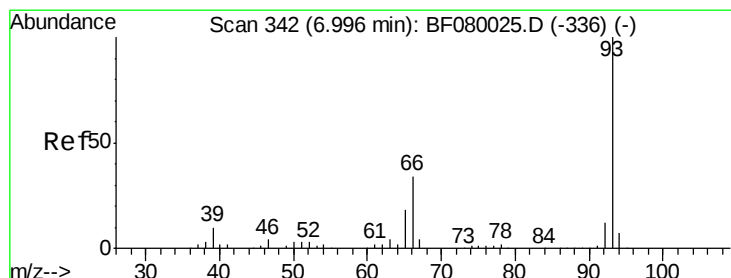
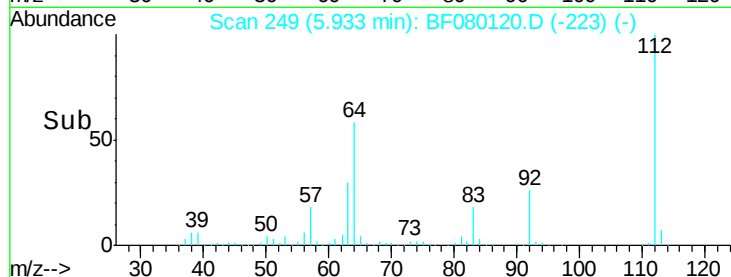
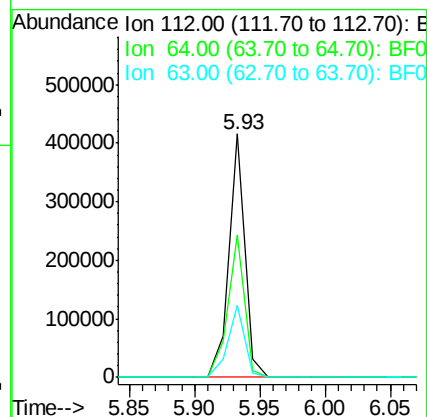
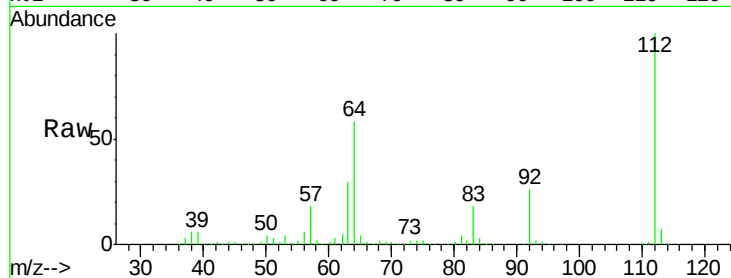
Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

Tgt Ion:	112	Resp:	358421
Ion	Ratio	Lower	Upper
112	100		
64	58.4	39.7	59.5
63	29.5	17.4	26.0#



#6

Aniline

Concen: 29.60 ng

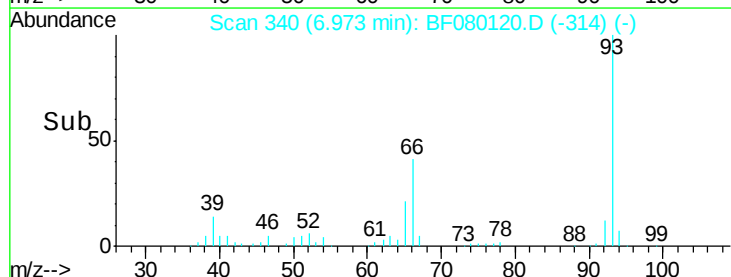
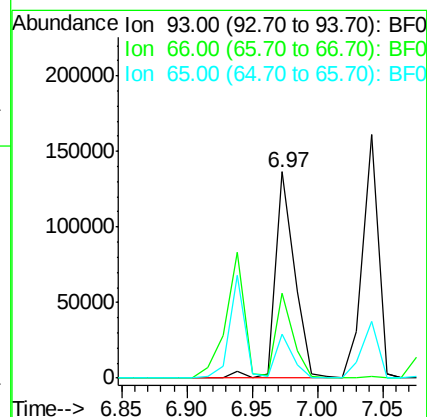
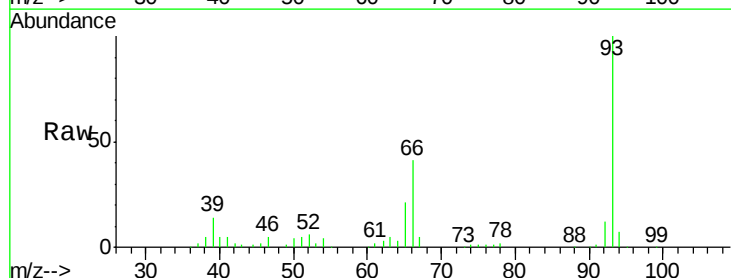
RT: 6.97 min Scan# 340

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Tgt Ion:	93	Resp:	140982
Ion	Ratio	Lower	Upper
93	100		
66	41.1	27.2	40.8#
65	21.4	14.7	22.1





#7

Phenol-d6

Concen: 139.35 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

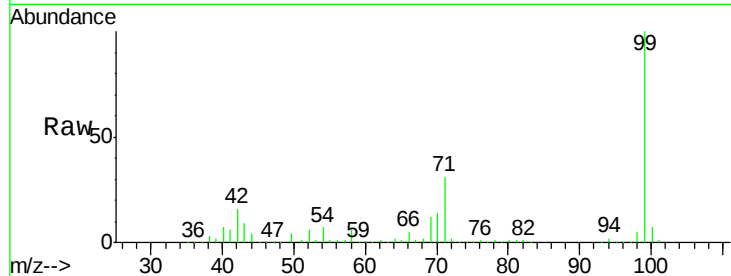
Tgt Ion: 99 Resp: 482455

Ion Ratio Lower Upper

99 100

42 16.5 13.7 20.5

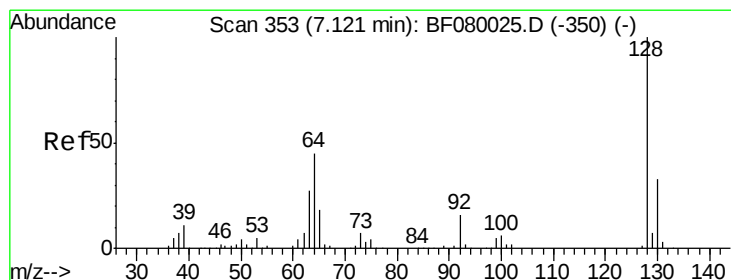
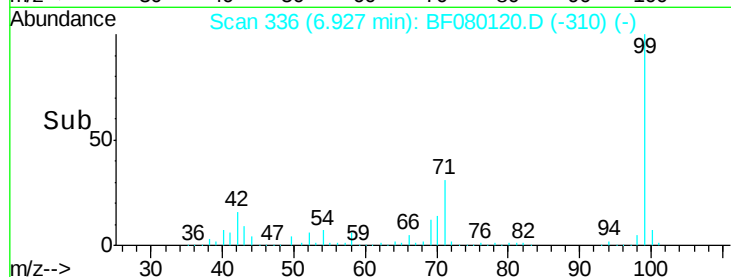
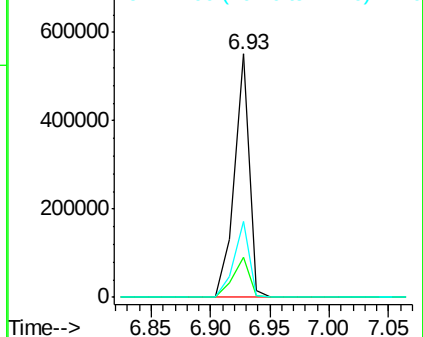
71 31.1 14.2 21.2#



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: 40.84 ng

RT: 7.11 min Scan# 352

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

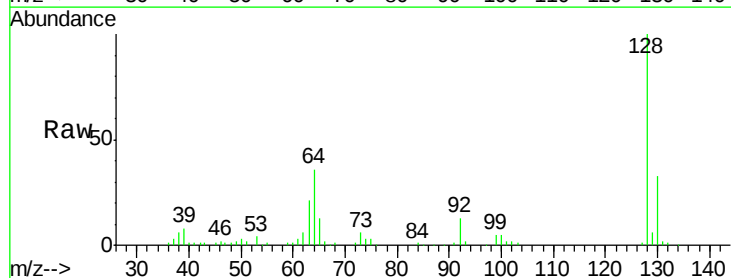
Tgt Ion: 128 Resp: 122804

Ion Ratio Lower Upper

128 100

130 33.4 12.2 52.2

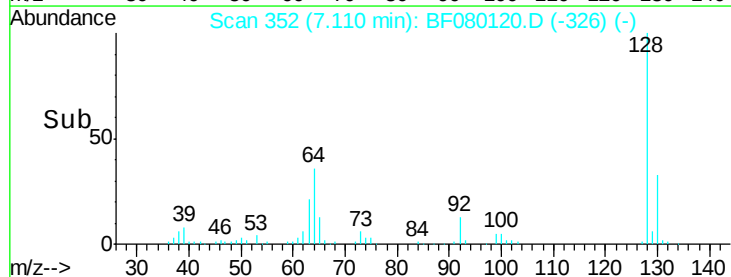
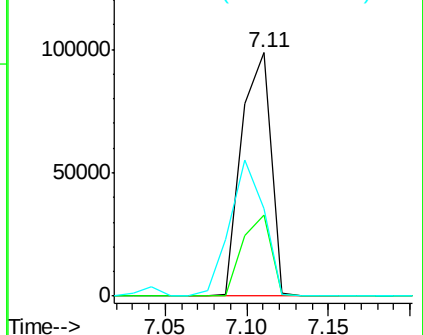
64 36.0 20.5 60.5

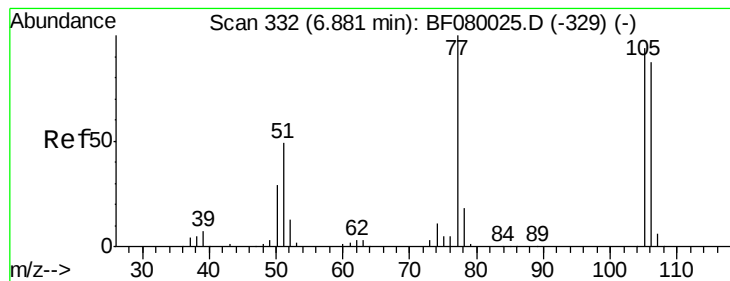


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 44.55 ng

RT: 6.87 min Scan# 331

Delta R.T. -0.00 min

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76-INFIELD(0-2)-11MSD

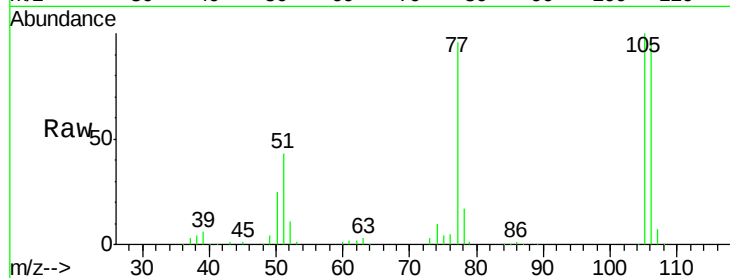
Tgt Ion: 77 Resp: 89034

Ion Ratio Lower Upper

77 100

105 103.7 91.6 131.6

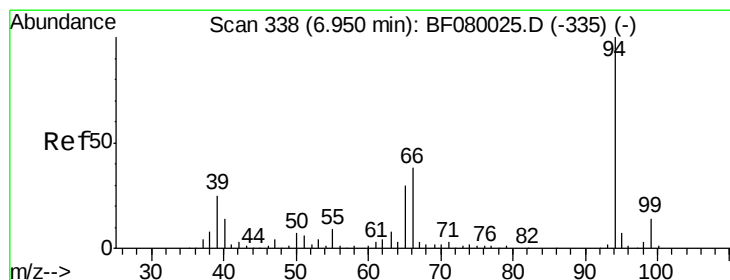
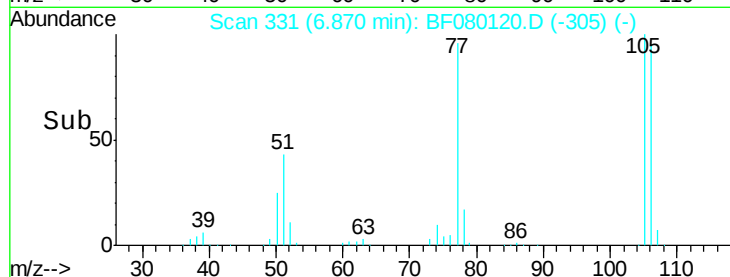
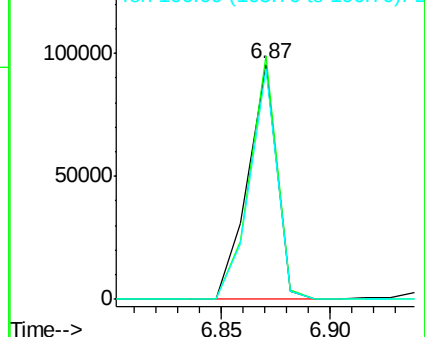
106 98.4 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 51.57 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

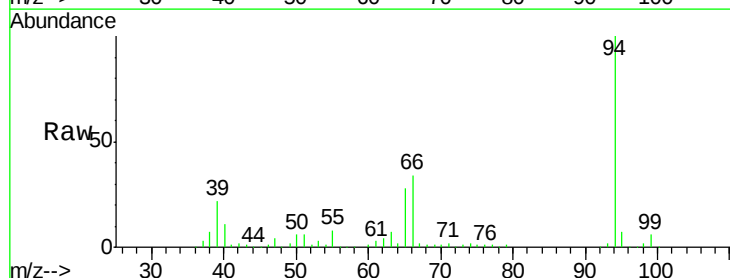
Tgt Ion: 94 Resp: 194855

Ion Ratio Lower Upper

94 100

65 27.6 0.7 40.7

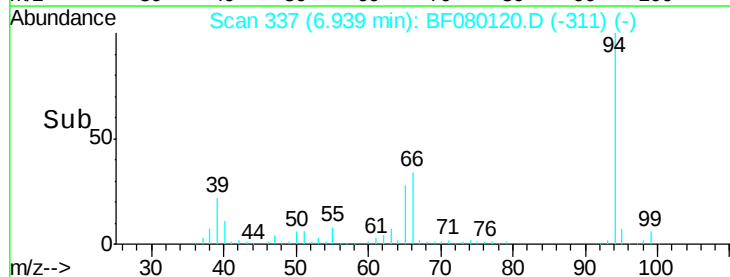
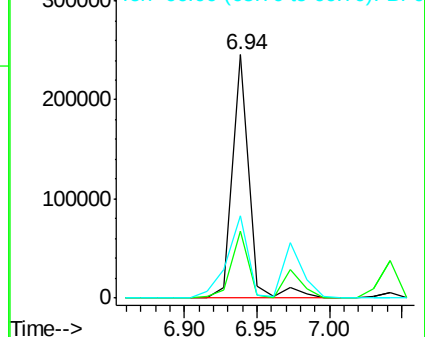
66 34.1 0.8 40.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

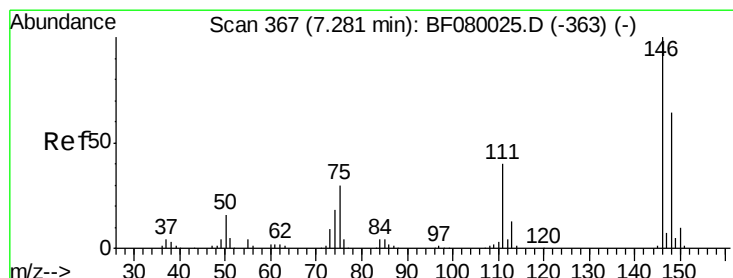
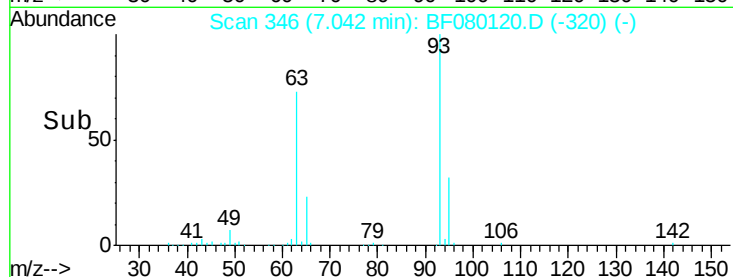
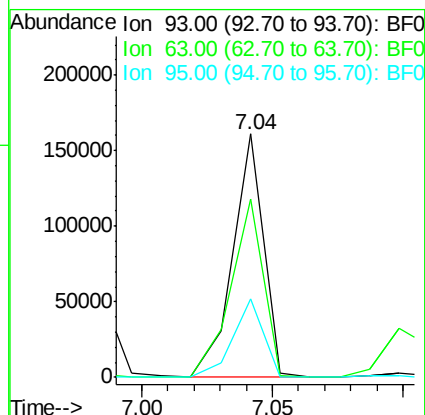
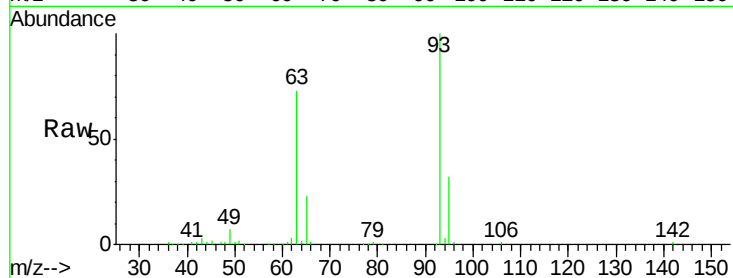




#11
bis(2-Chloroethyl)ether
Concen: 44.20 ng
RT: 7.04 min Scan# 346
Delta R.T. 0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

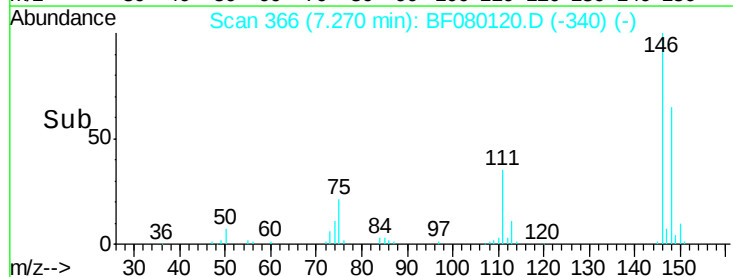
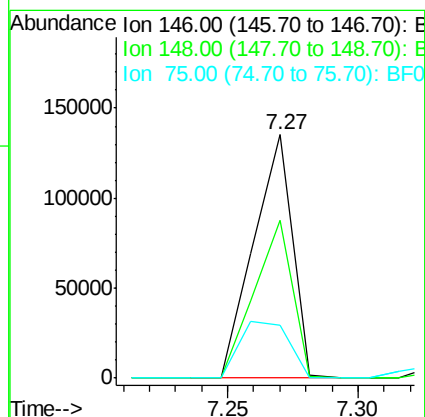
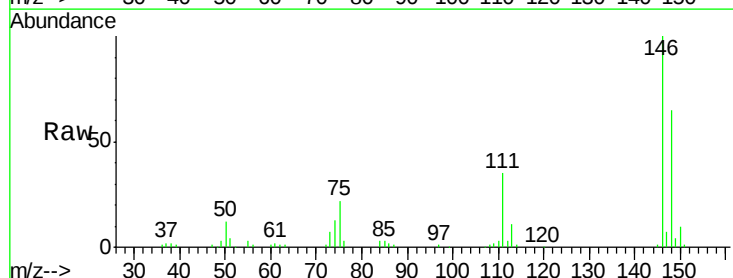
Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

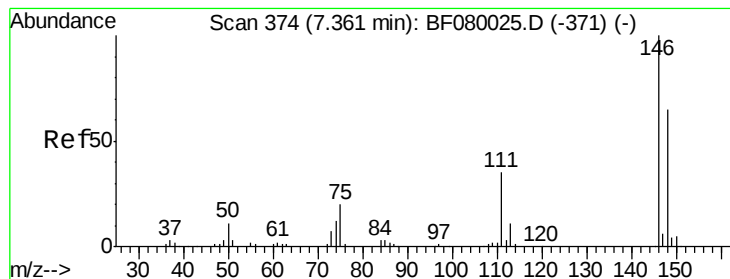
Tgt Ion: 93 Resp: 132493
Ion Ratio Lower Upper
93 100
63 73.4 65.6 105.6
95 32.3 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 39.21 ng
RT: 7.27 min Scan# 366
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion: 146 Resp: 141653
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
75 21.6 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 44.25 ng m

RT: 7.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

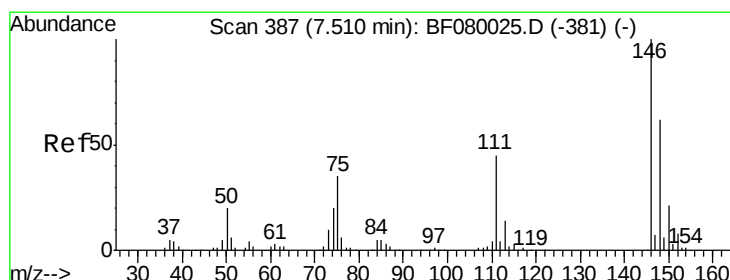
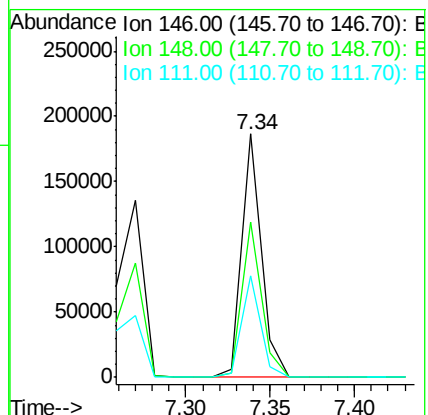
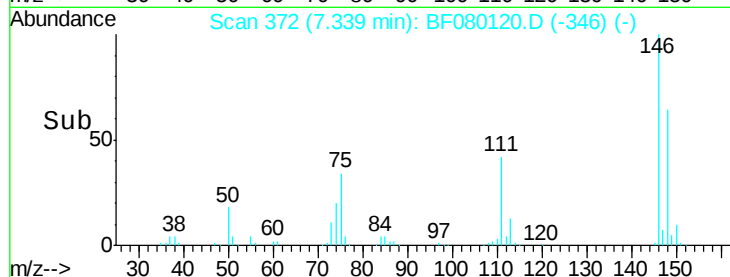
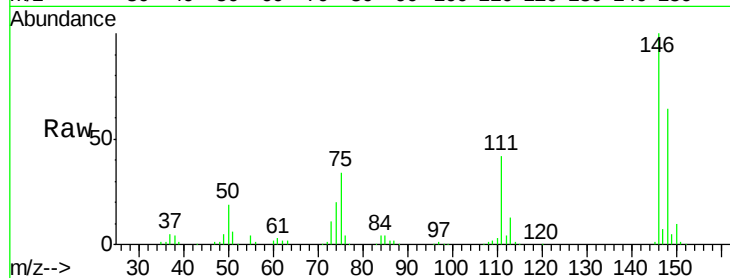
Tgt Ion:146 Resp: 152030

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

111 41.6 24.9 37.3#



#14

1,2-Dichlorobenzene

Concen: 43.97 ng

RT: 7.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

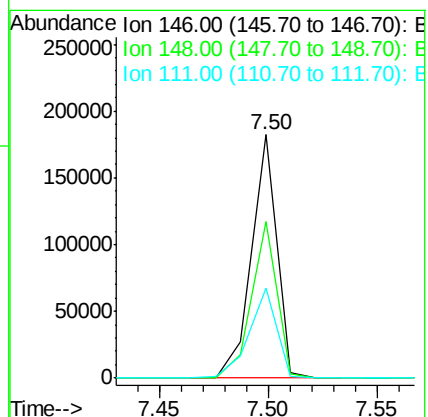
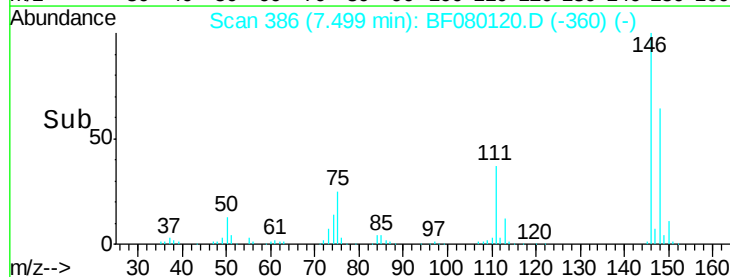
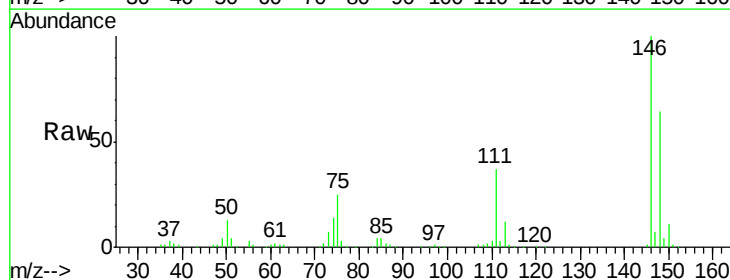
Tgt Ion:146 Resp: 146981

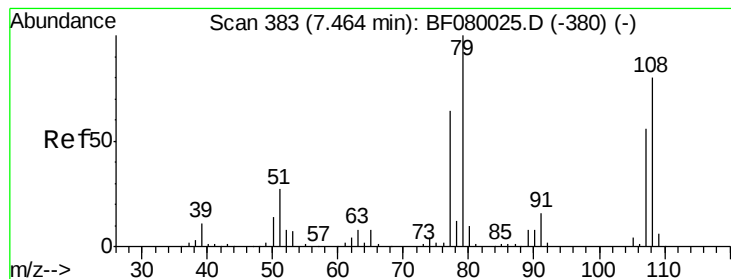
Ion Ratio Lower Upper

146 100

148 64.2 52.7 79.1

111 37.0 28.8 43.2





#15

Benzyl Alcohol

Concen: 38.77 ng

RT: 7.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

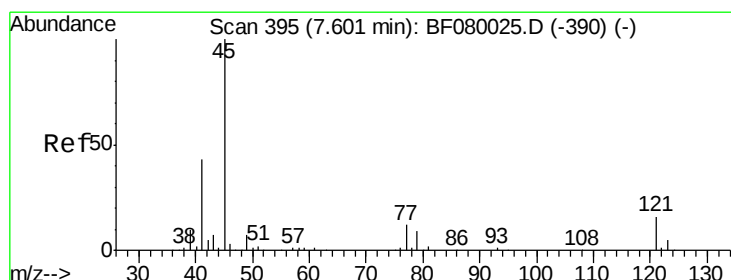
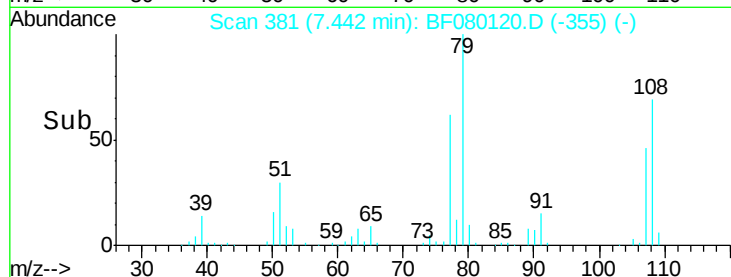
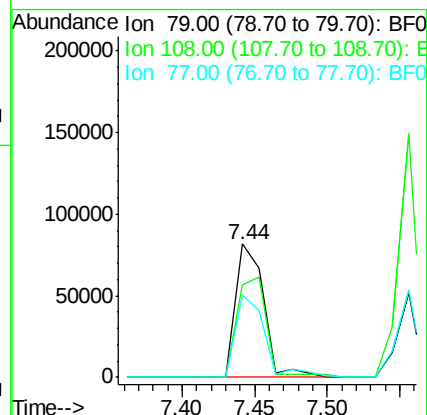
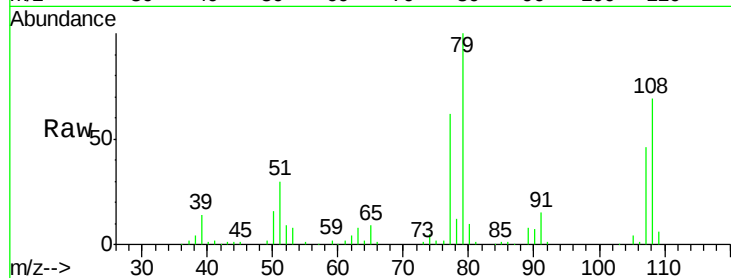
Tgt Ion: 79 Resp: 109739

Ion Ratio Lower Upper

79 100

108 69.4 88.6 132.8#

77 62.3 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.15 ng

RT: 7.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

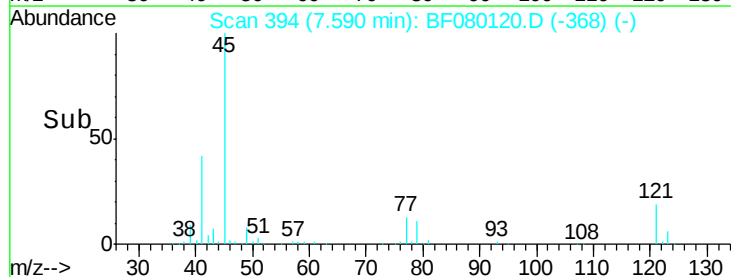
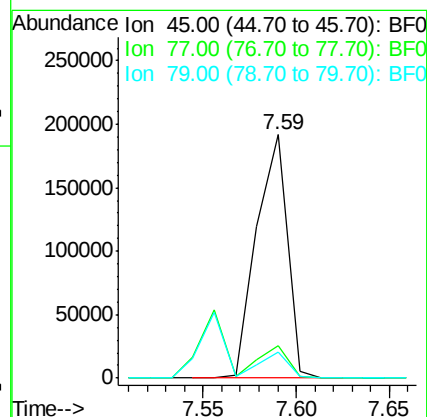
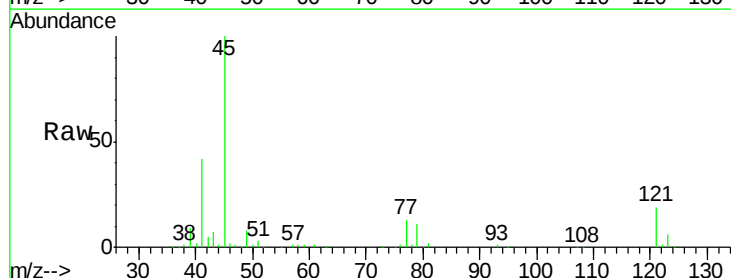
Tgt Ion: 45 Resp: 218681

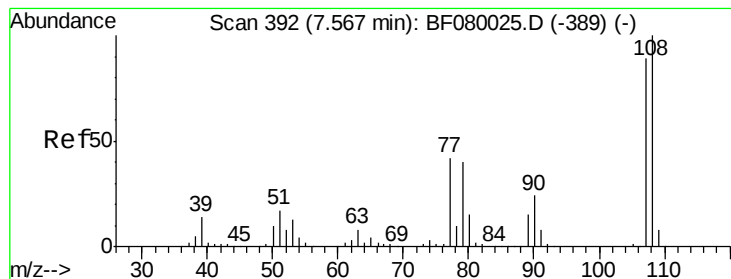
Ion Ratio Lower Upper

45 100

77 13.1 0.0 28.1

79 10.8 0.0 26.0





#17

2-Methylphenol

Concen: 43.37 ng

RT: 7.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

Tgt Ion:107 Resp: 111409

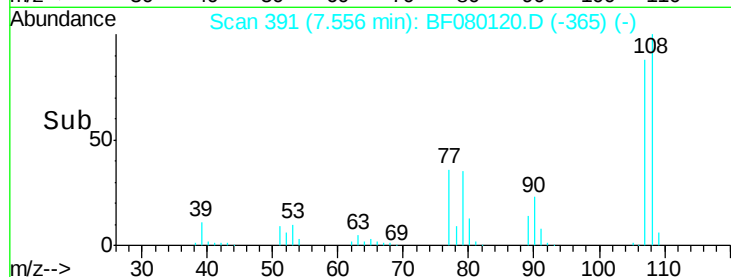
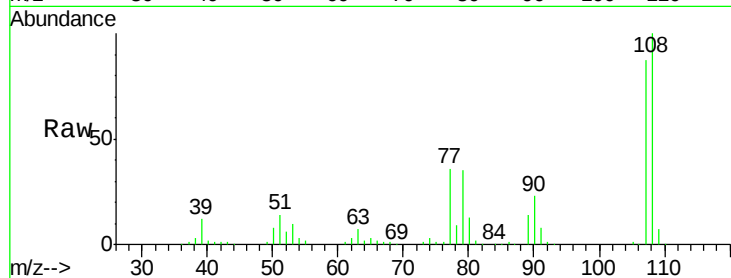
Ion Ratio Lower Upper

107 100

108 114.3 96.6 145.0

77 41.2 23.3 34.9#

79 39.8 22.0 33.0#

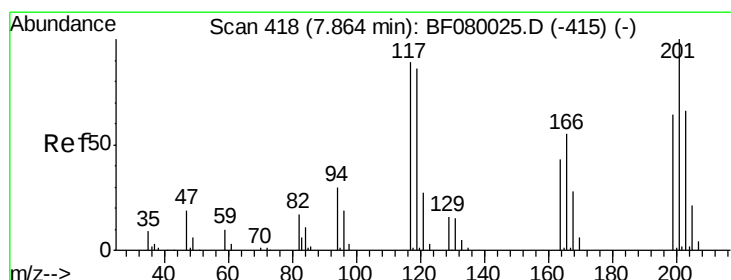
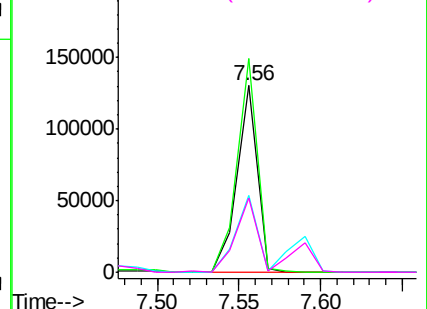


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.57 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

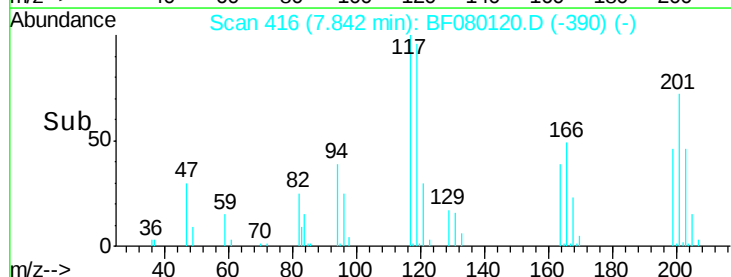
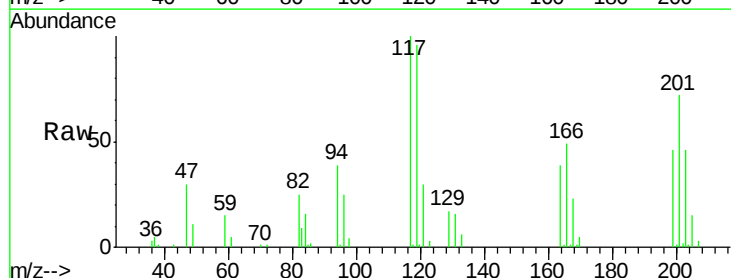
Tgt Ion:117 Resp: 48700

Ion Ratio Lower Upper

117 100

119 95.6 83.8 125.6

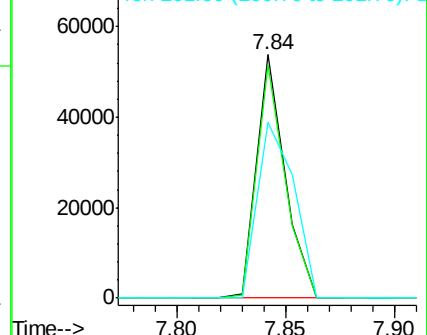
201 72.4 55.1 82.7

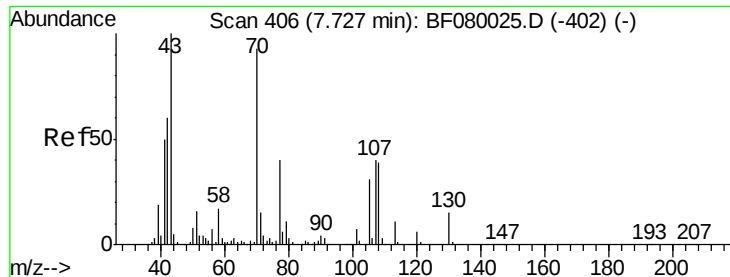


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

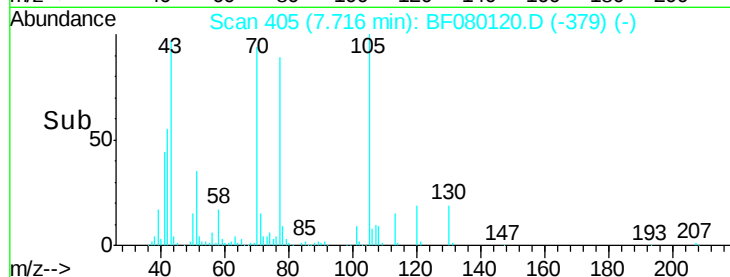
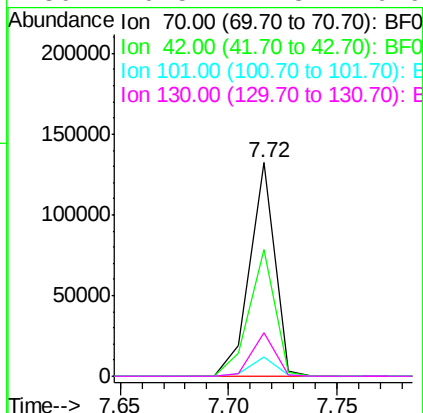
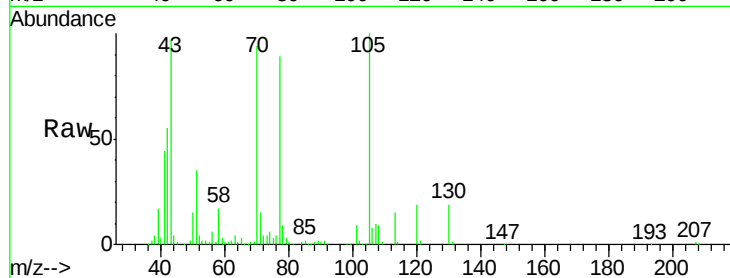




#19
n-Nitroso-di-n-propylamine
Concen: 43.97 ng
RT: 7.72 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

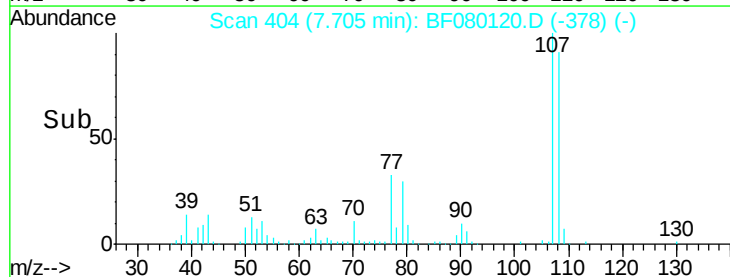
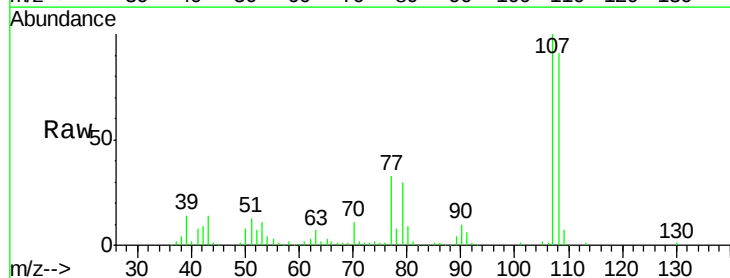
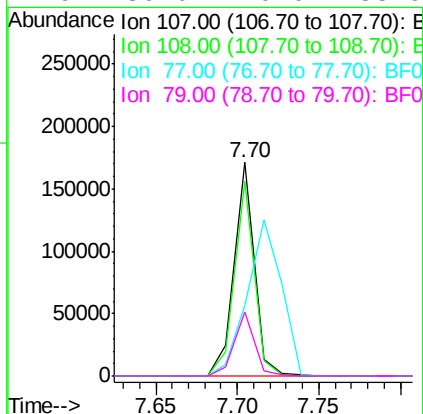
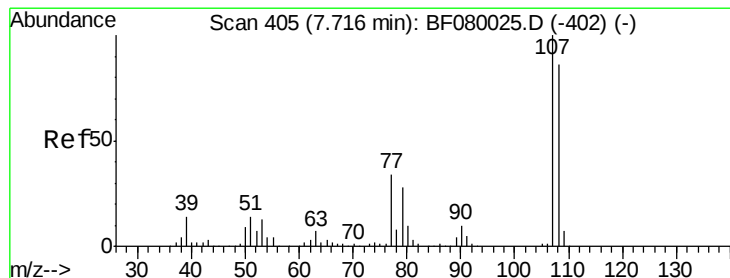
Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

Tgt Ion: 70 Resp: 105688
Ion Ratio Lower Upper
70 100
42 59.2 63.8 95.6#
101 9.2 9.2 13.8
130 20.5 27.3 40.9#



#20
3+4-Methylphenols
Concen: 43.70 ng
RT: 7.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion: 107 Resp: 144872
Ion Ratio Lower Upper
107 100
108 90.9 74.6 114.6
77 33.0 0.7 40.7
79 30.0 0.0 38.9

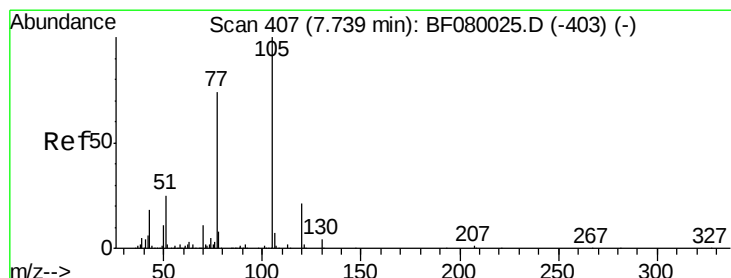
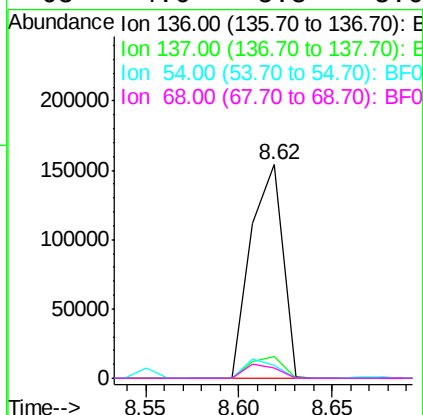
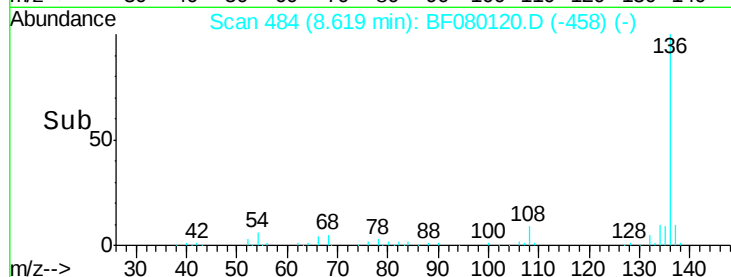
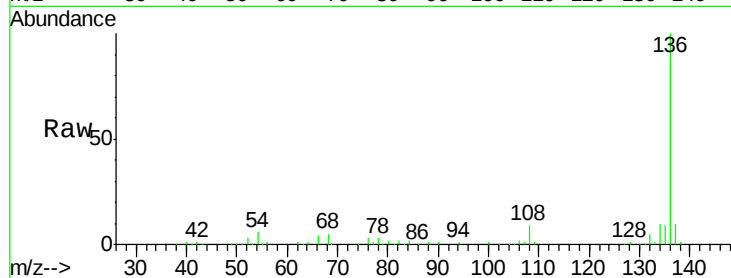




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

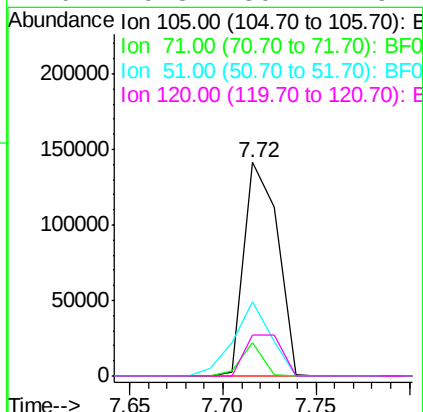
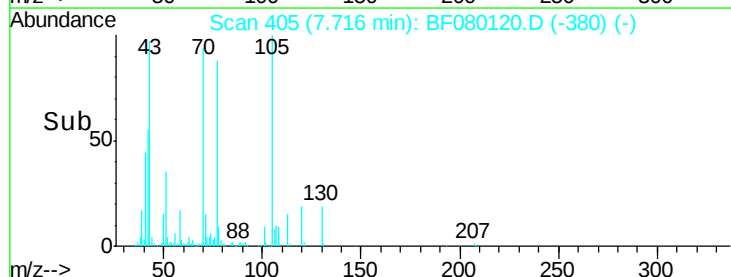
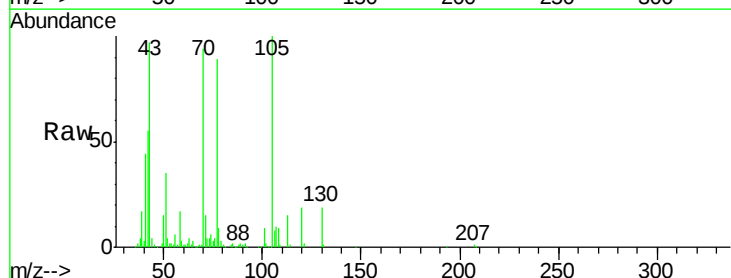
Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

Tgt Ion:	136	Resp:	183135
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.0	13.6
54	5.7	8.2	12.2#
68	4.6	5.8	8.6#



#22
Acetophenone
Concen: 41.35 ng
RT: 7.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion:	105	Resp:	176494
Ion Ratio	Lower	Upper	
105	100		
71	15.4	4.7	7.1#
51	34.9	22.0	33.0#
120	19.3	30.1	45.1#

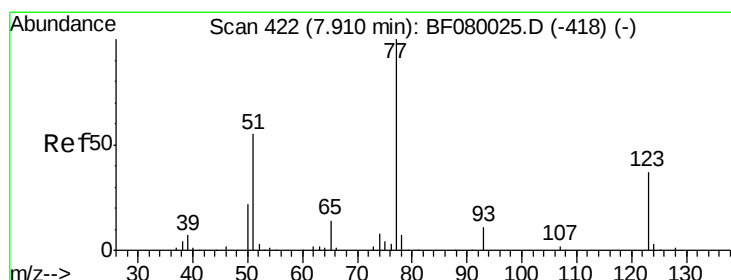
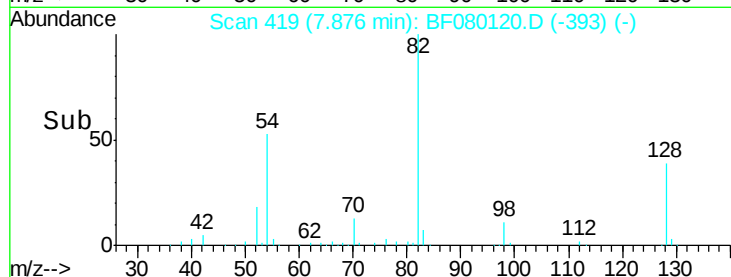
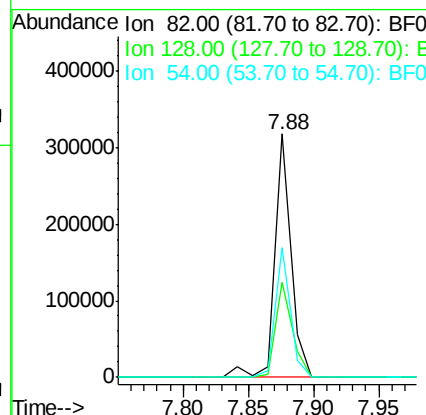
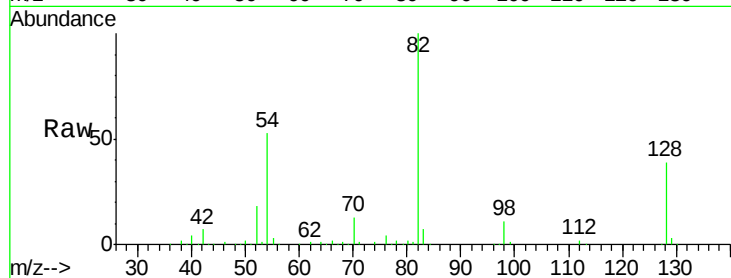




#23
 Nitrobenzene-d5
 Concen: 88.27 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

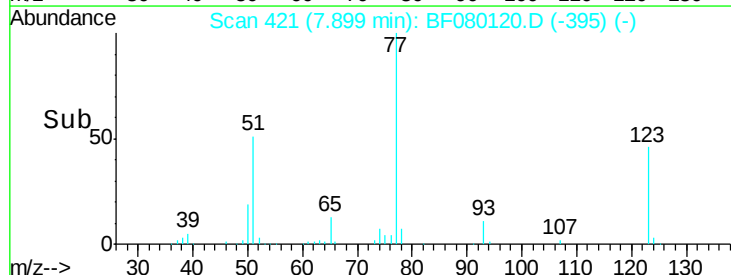
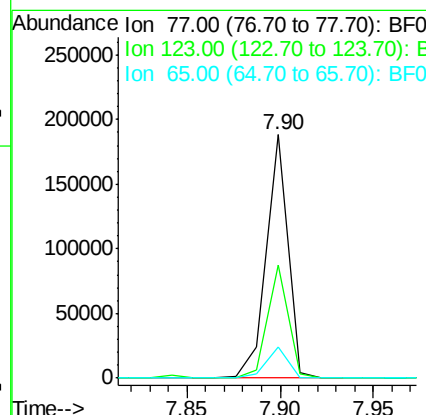
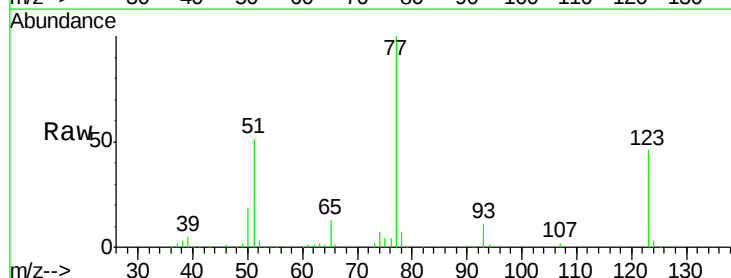
Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-11MSD

Tgt Ion: 82 Resp: 277679
 Ion Ratio Lower Upper
 82 100
 128 38.9 51.0 76.6#
 54 53.3 47.5 71.3



#24
 Nitrobenzene
 Concen: 45.99 ng
 RT: 7.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Tgt Ion: 77 Resp: 149334
 Ion Ratio Lower Upper
 77 100
 123 46.4 59.8 89.8#
 65 12.8 10.2 15.4





#25

Isophorone

Concen: 39.79 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

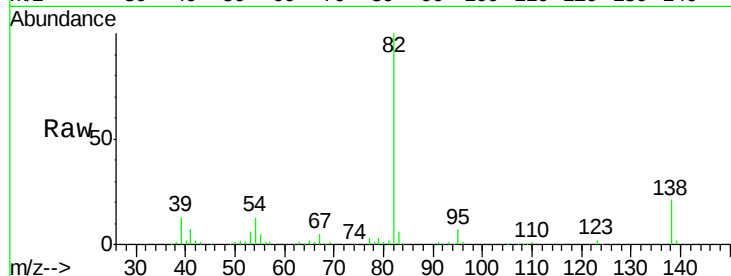
Tgt Ion: 82 Resp: 251888

Ion Ratio Lower Upper

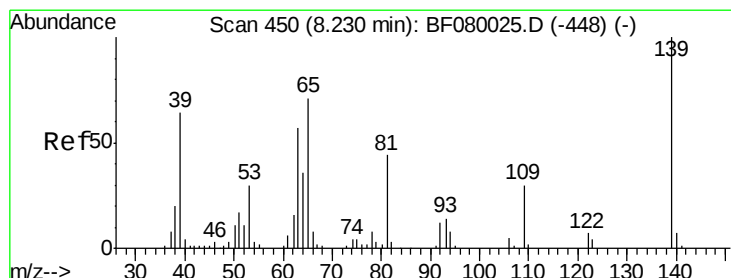
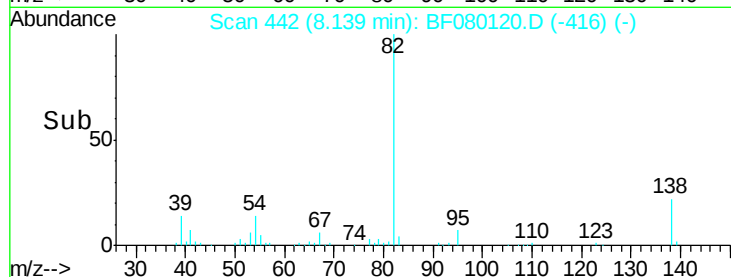
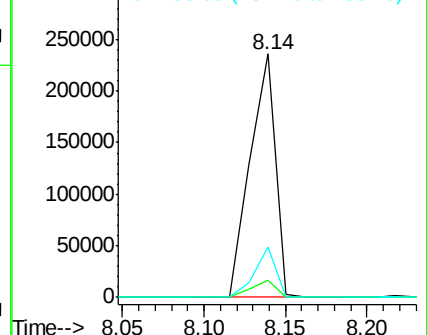
82 100

95 7.0 4.0 6.0#

138 20.5 18.3 27.5



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: 51.42 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

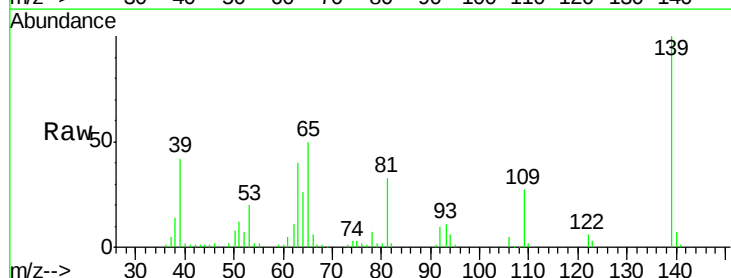
Tgt Ion: 139 Resp: 69878

Ion Ratio Lower Upper

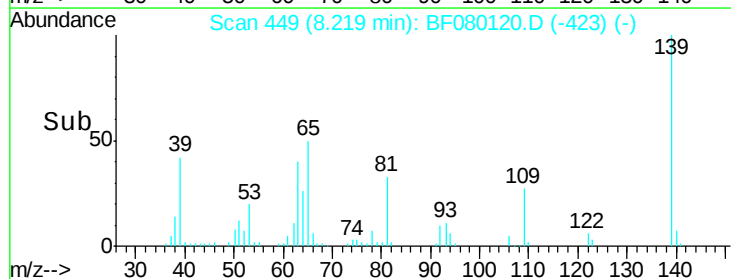
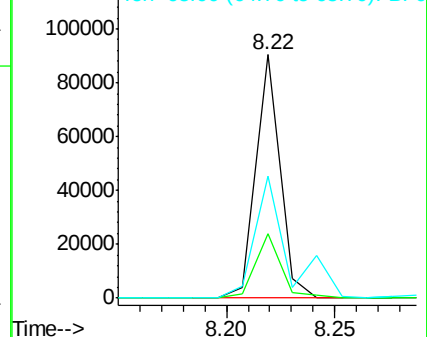
139 100

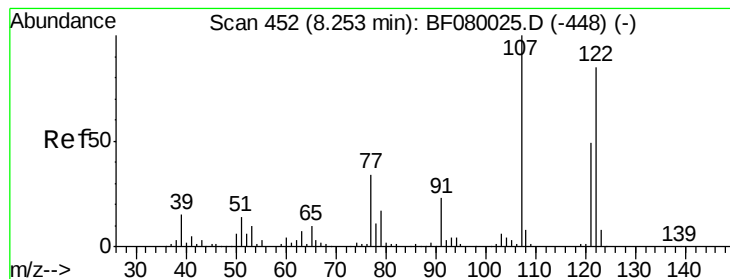
109 26.6 11.0 16.4#

65 50.3 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 46.63 ng

RT: 8.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

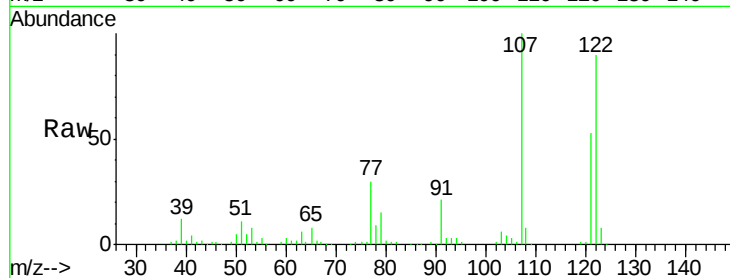
Tgt Ion: 122 Resp: 132150

Ion Ratio Lower Upper

122 100

107 111.7 71.8 107.6#

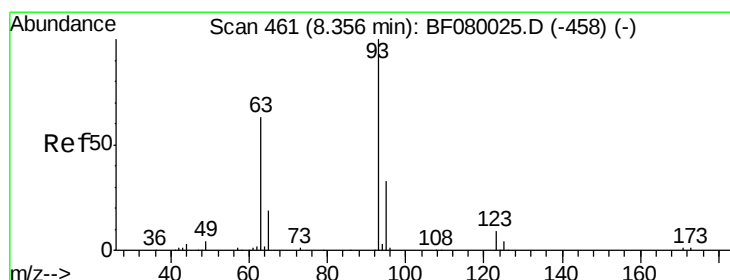
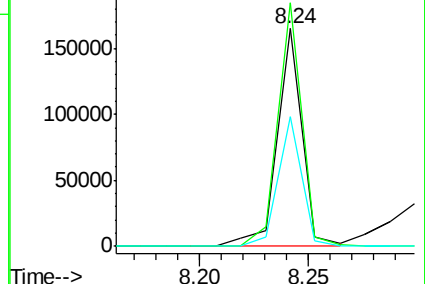
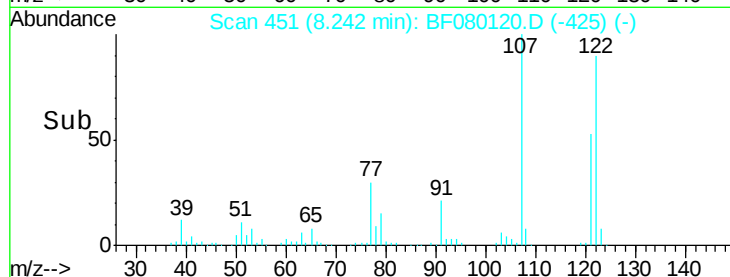
121 59.3 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.39 ng

RT: 8.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

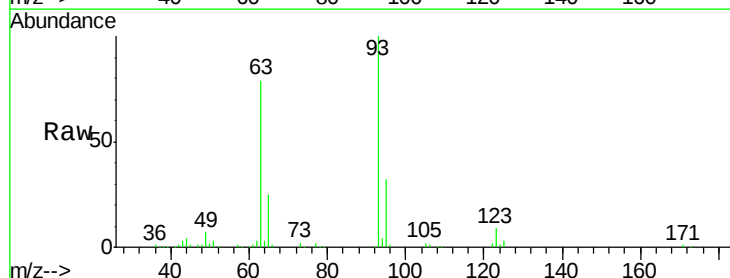
Tgt Ion: 93 Resp: 146529

Ion Ratio Lower Upper

93 100

95 32.1 27.5 41.3

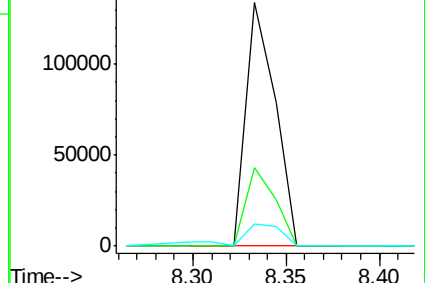
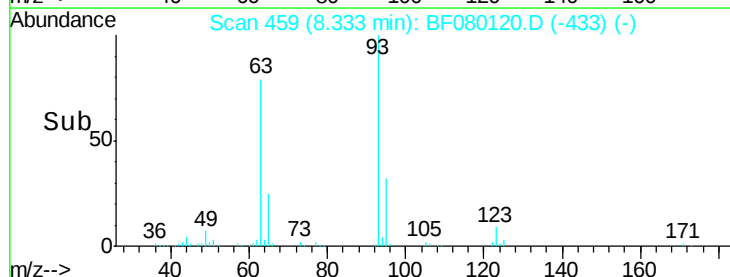
123 9.1 13.7 20.5#

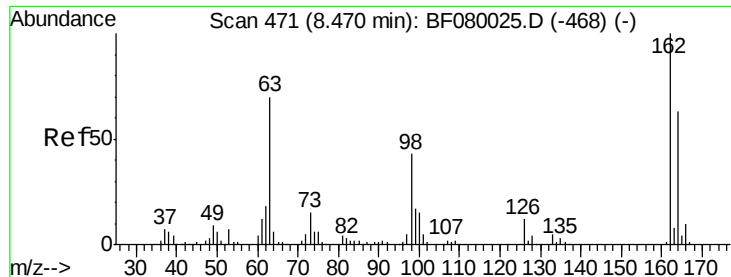


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

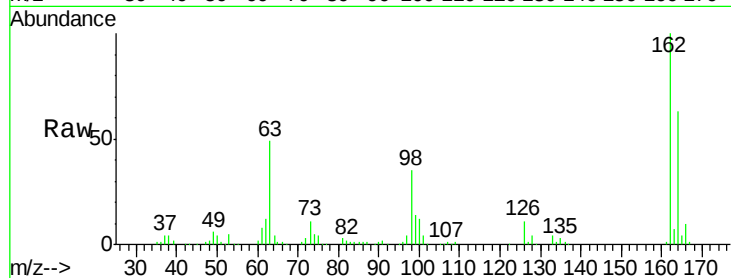




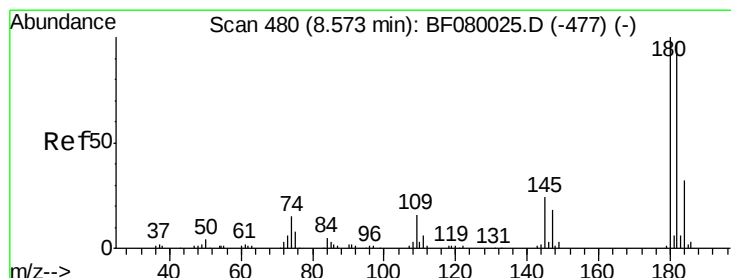
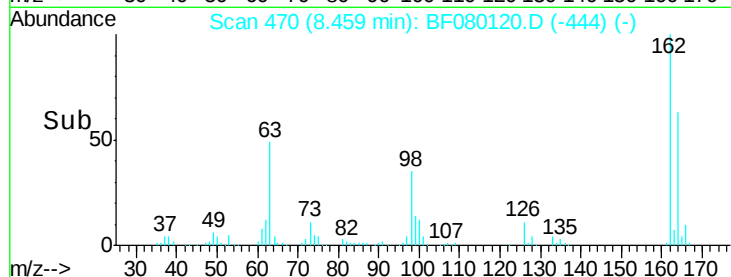
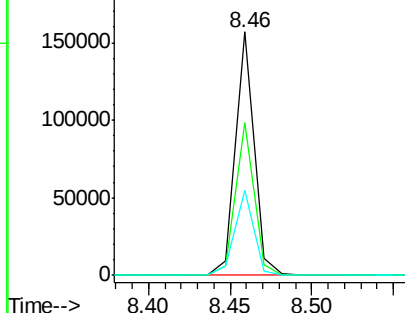
#29
 2,4-Dichlorophenol
 Concen: 50.35 ng
 RT: 8.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-11MSD

Tgt Ion:	162	Resp:	122187
Ion Ratio		Lower	Upper
162	100		
164	63.0	44.9	84.9
98	34.6	13.0	53.0

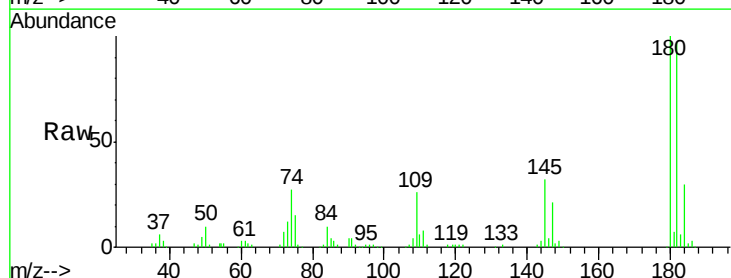


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

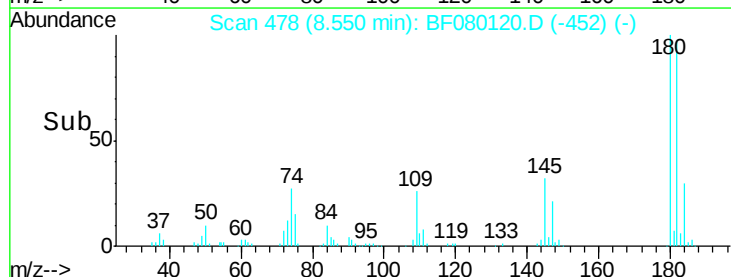
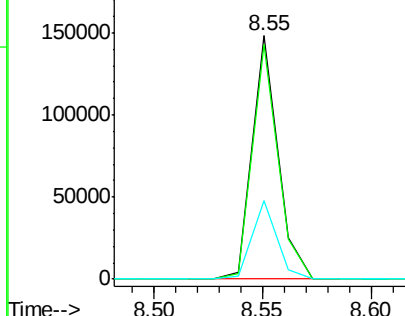


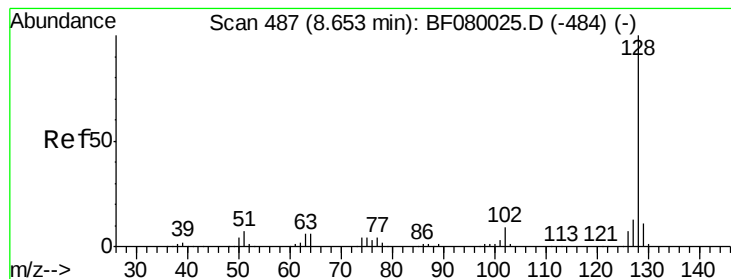
#30
 1,2,4-Trichlorobenzene
 Concen: 44.27 ng
 RT: 8.55 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Tgt Ion:	180	Resp:	122018
Ion Ratio		Lower	Upper
180	100		
182	96.6	77.1	115.7
145	32.1	23.3	34.9



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





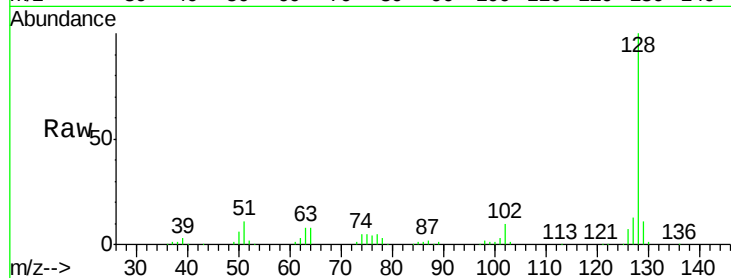
#31

Naphthalene

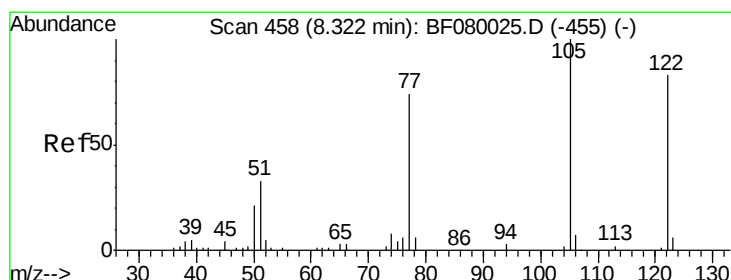
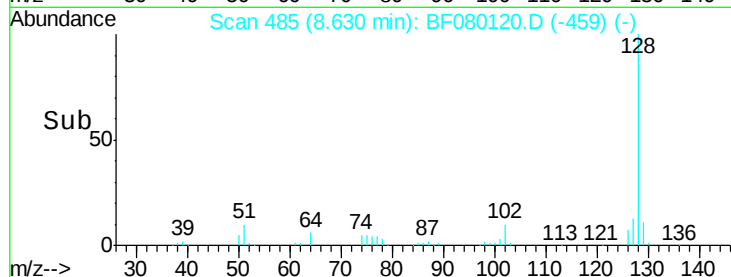
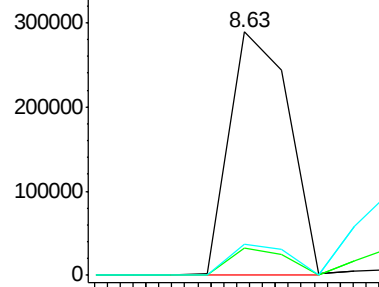
Concen: 38.34 ng m
RT: 8.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

Tgt Ion:128 Resp: 367097
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.0 9.9 14.9



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

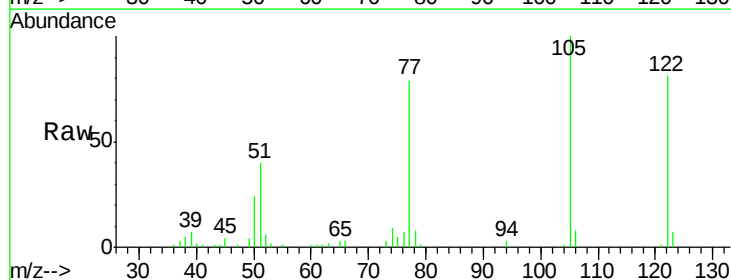


#32

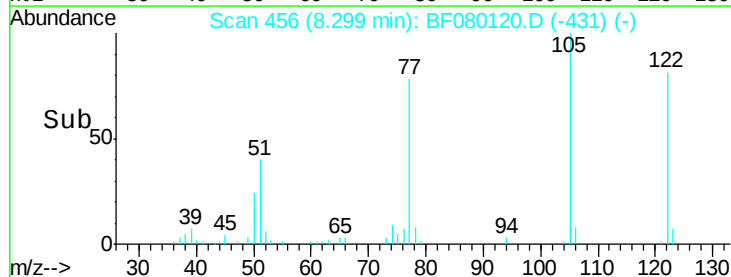
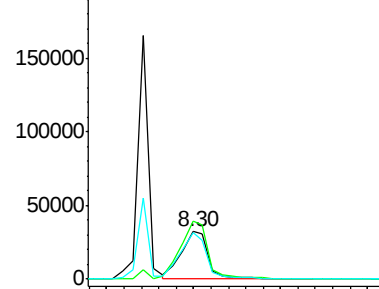
Benzoic acid

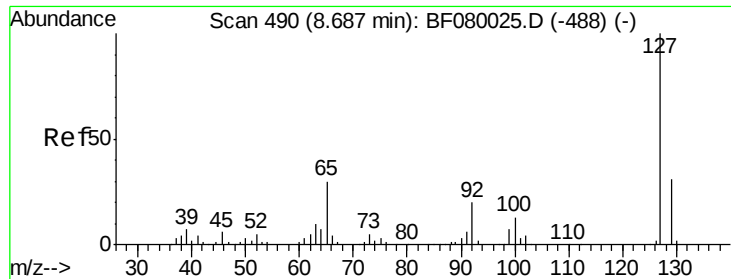
Concen: 40.83 ng
RT: 8.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion:122 Resp: 69960
Ion Ratio Lower Upper
122 100
105 124.2 76.1 116.1#
77 98.1 40.5 80.5#



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

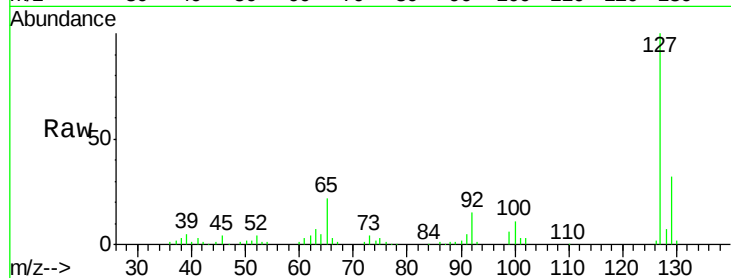




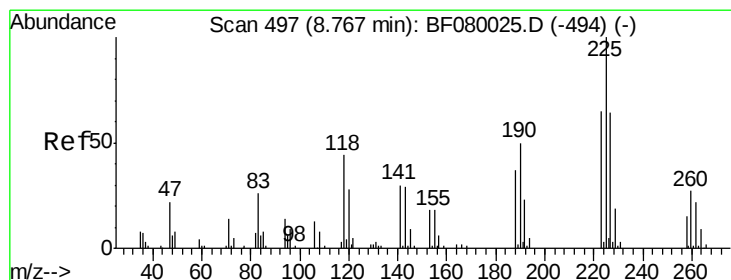
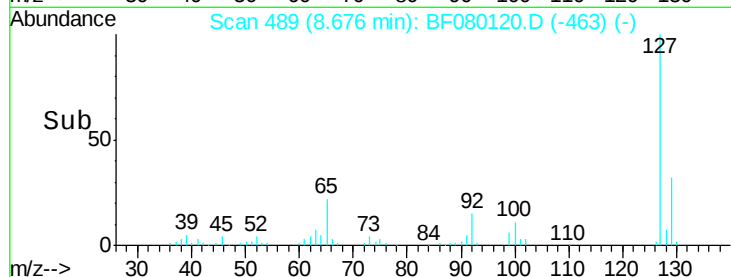
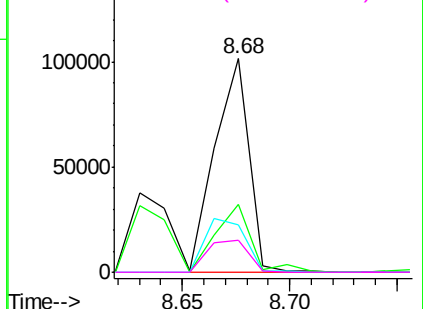
#33
4-Chloroaniline
Concen: 27.55 ng m
RT: 8.68 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

Tgt Ion:	127	Resp:	112888
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	22.5	17.9	26.9
92	15.2	10.5	15.7

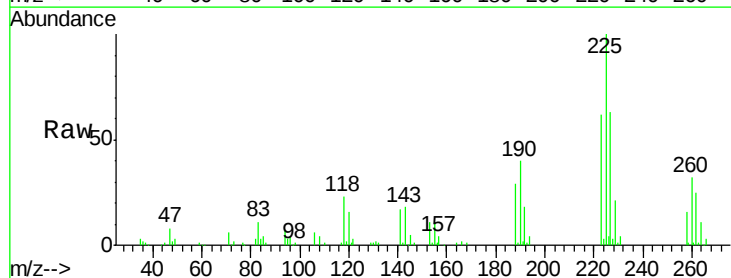


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

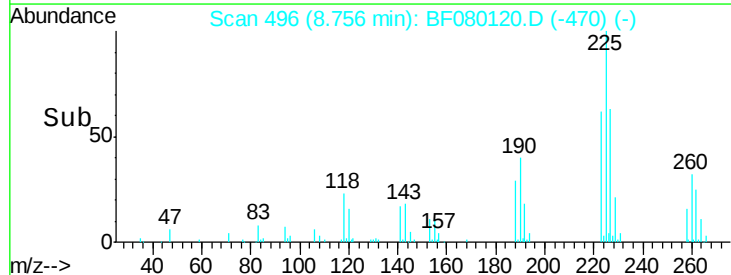
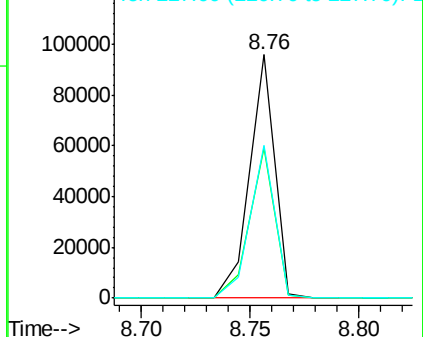


#34
Hexachlorobutadiene
Concen: 45.24 ng
RT: 8.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion:	225	Resp:	76774
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.2
227	62.9	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.59 ng

RT: 9.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

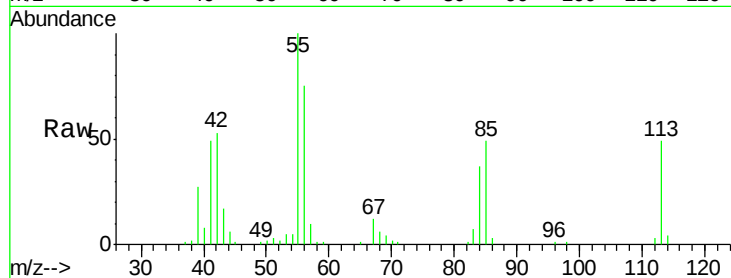
Tgt Ion:113 Resp: 30395

Ion Ratio Lower Upper

113 100

55 204.6 152.4 192.4#

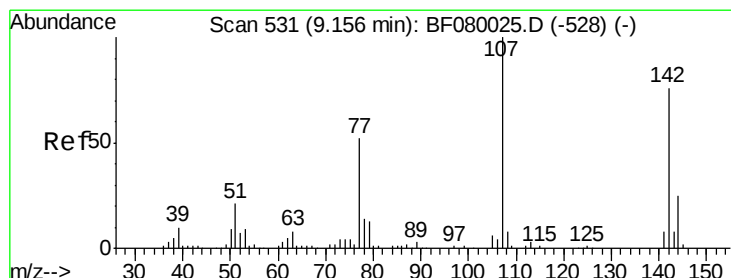
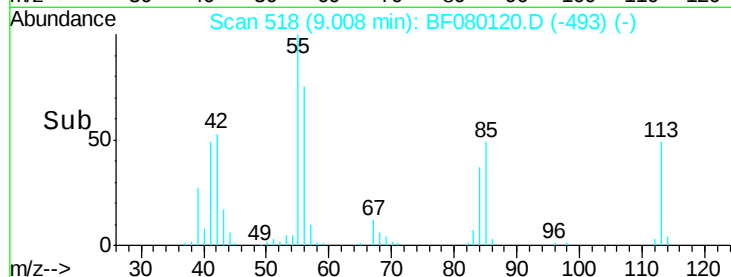
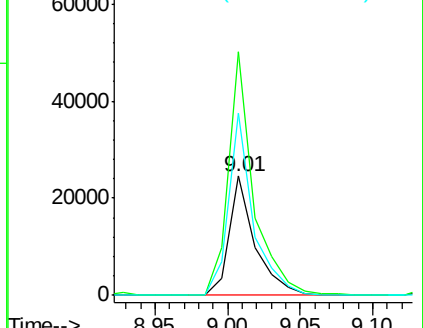
56 153.4 104.6 144.6#



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: 43.21 ng

RT: 9.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

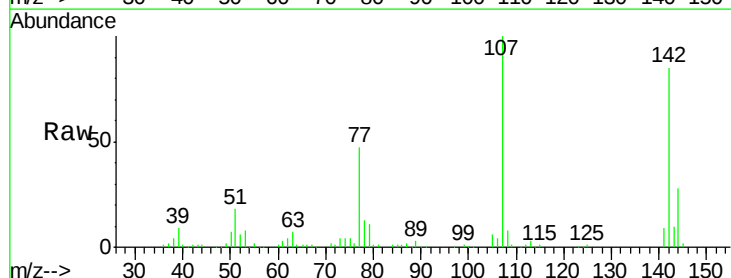
Tgt Ion:107 Resp: 118273

Ion Ratio Lower Upper

107 100

144 27.7 25.4 38.0

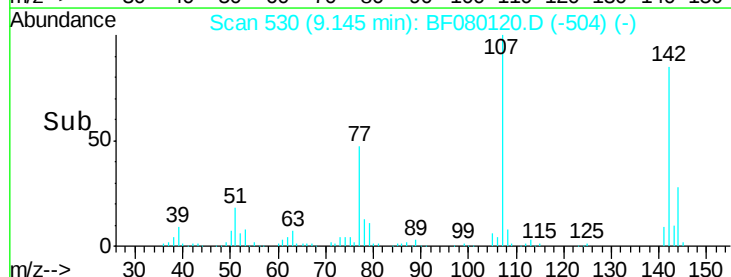
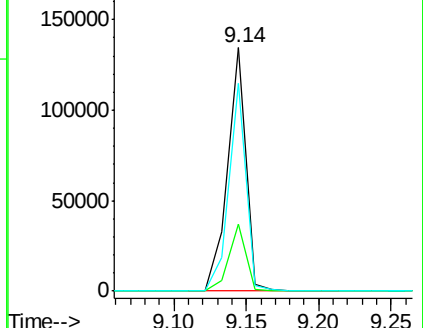
142 85.2 77.3 115.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

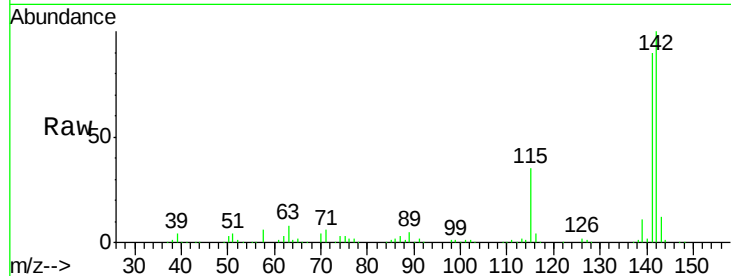




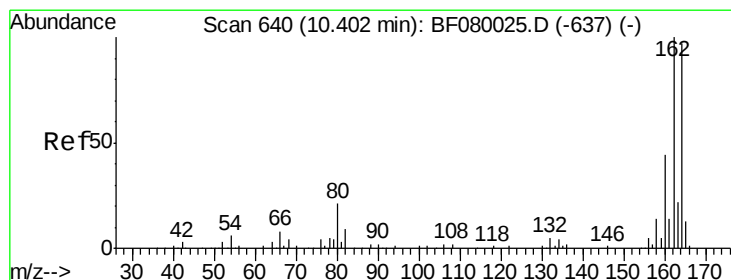
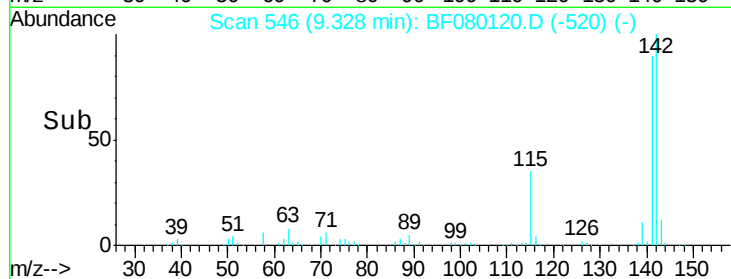
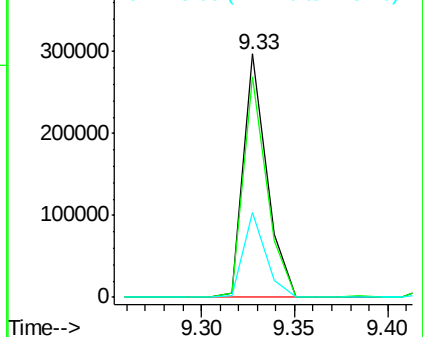
#37
 2-Methylnaphthalene
 Concen: 42.06 ng
 RT: 9.33 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-11MSD

Tgt Ion:142 Resp: 260514
 Ion Ratio Lower Upper
 142 100
 141 90.4 67.5 101.3
 115 34.9 18.2 27.2#

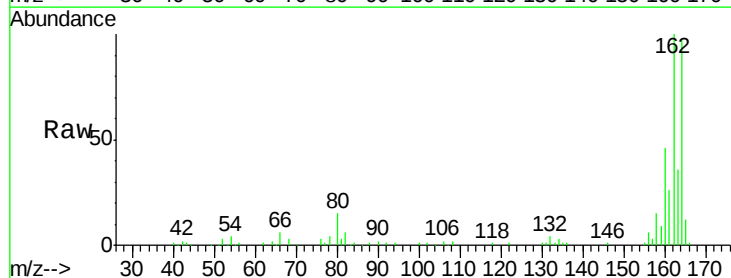


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

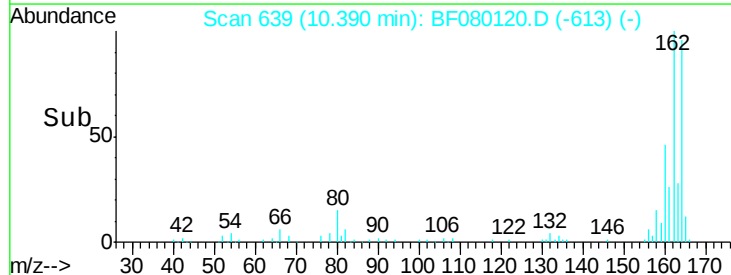
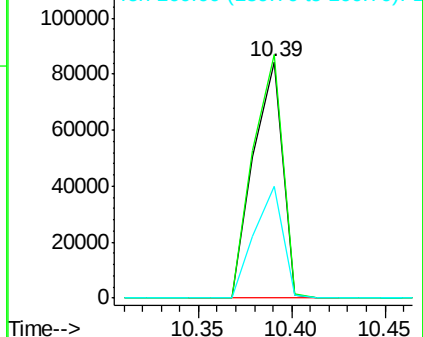


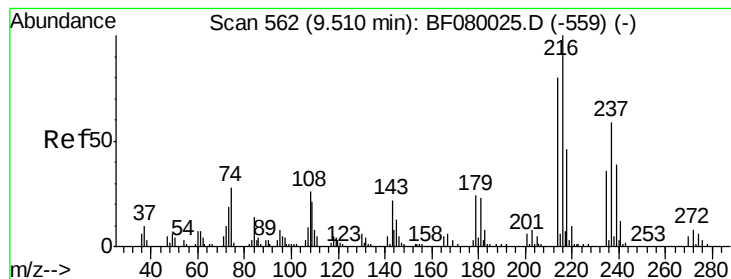
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Tgt Ion:164 Resp: 93304
 Ion Ratio Lower Upper
 164 100
 162 103.0 75.2 112.8
 160 47.1 31.5 47.3



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: 45.56 ng

RT: 9.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

Tgt Ion:216 Resp: 123705

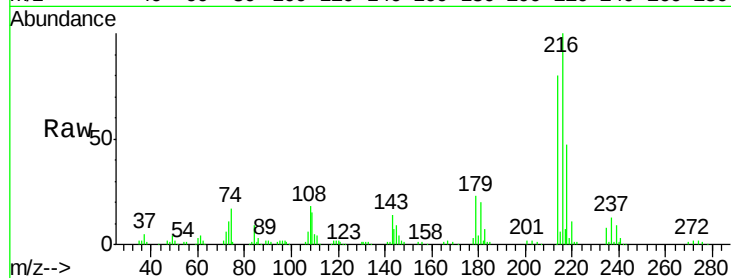
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 22.1 16.6 24.8

108 20.3 16.3 24.5

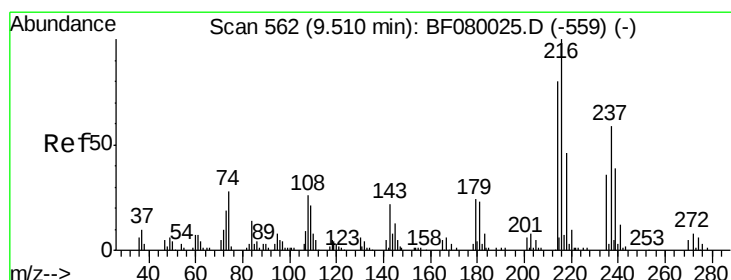
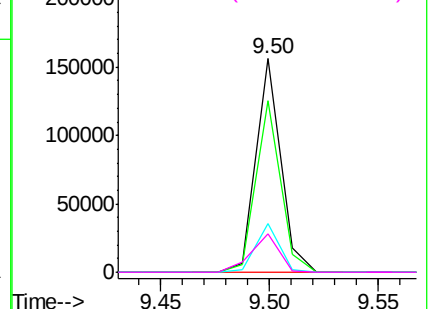
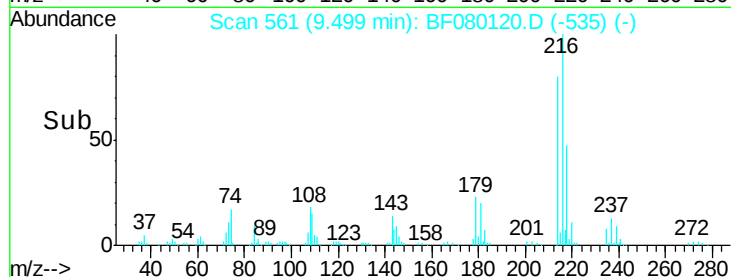


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 64.80 ng

RT: 9.49 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

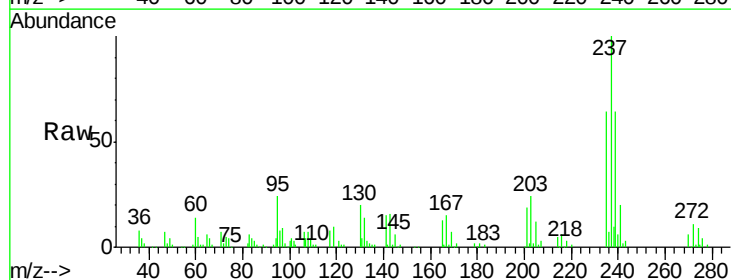
Tgt Ion:237 Resp: 88732

Ion Ratio Lower Upper

237 100

235 64.0 42.0 82.0

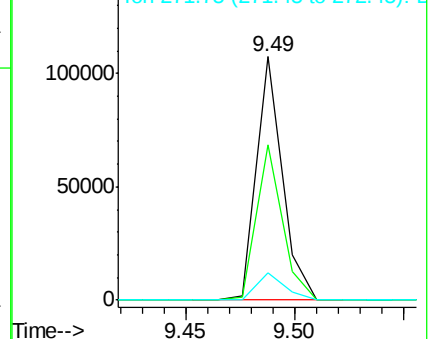
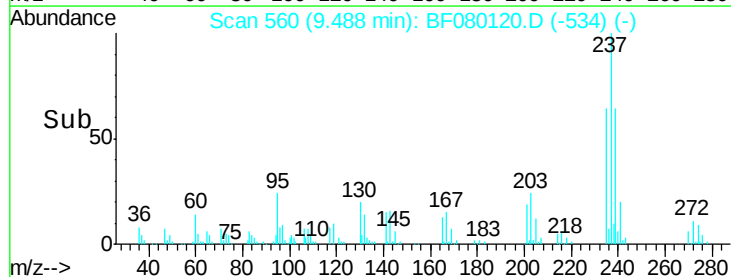
272 11.1 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

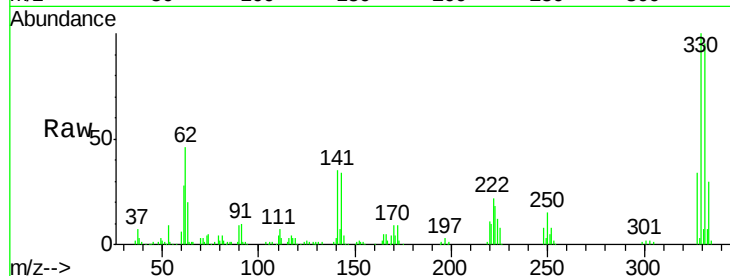




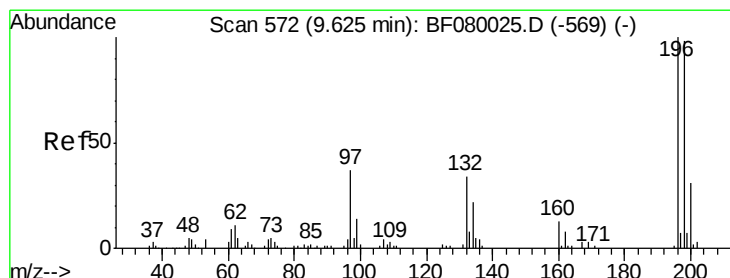
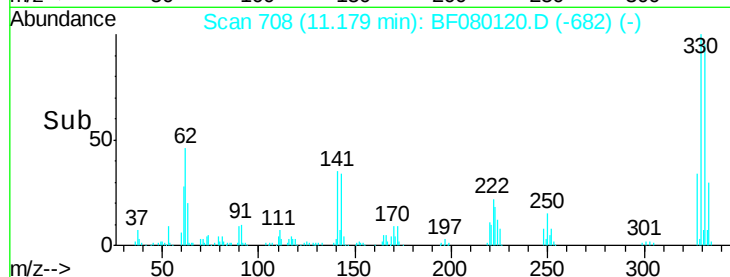
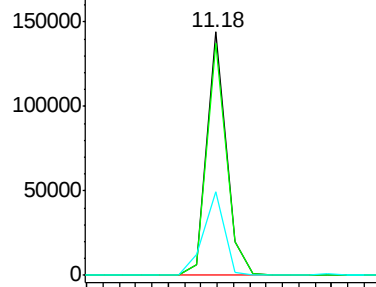
#41
 2,4,6-Tribromophenol
 Concen: 129.04 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-11MSD

Tgt Ion:330 Resp: 117733
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 37.5 29.7 44.5

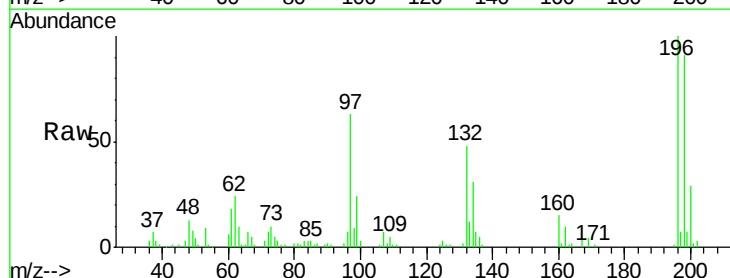


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

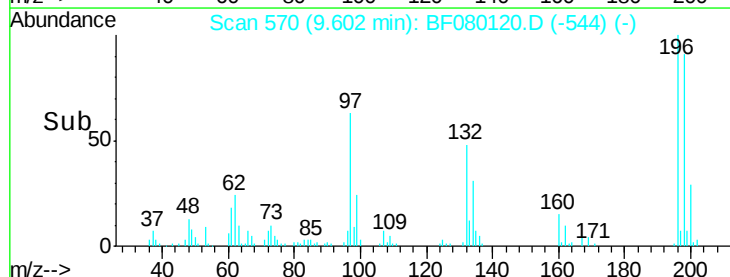
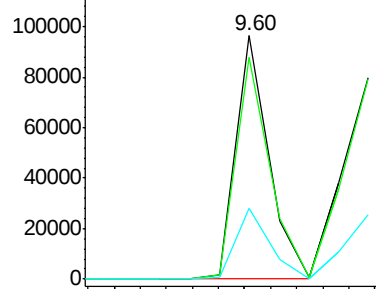


#42
 2,4,6-Trichlorophenol
 Concen: 45.10 ng
 RT: 9.60 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Tgt Ion:196 Resp: 83326
 Ion Ratio Lower Upper
 196 100
 198 91.4 75.7 113.5
 200 29.2 23.9 35.9



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

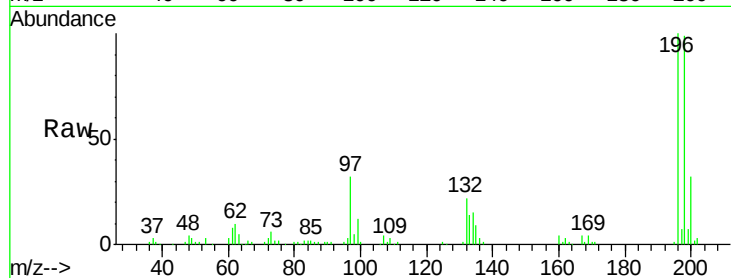




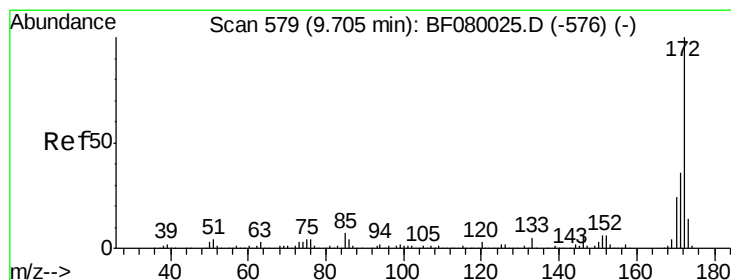
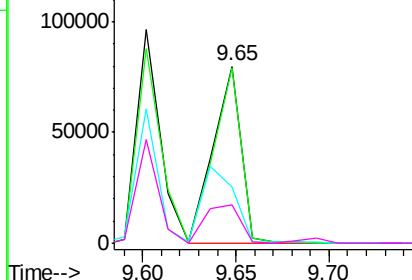
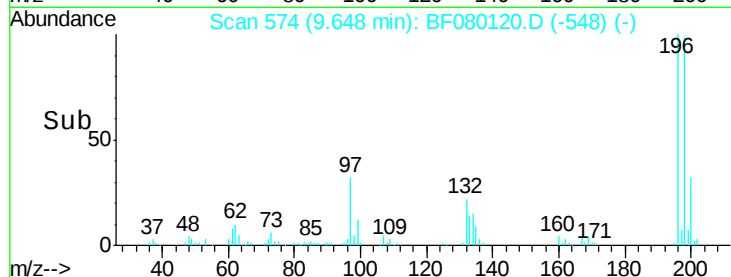
#43
 2,4,5-Trichlorophenol
 Concen: 39.12 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-11MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	75.4	113.0
97	31.9	33.3	49.9#
132	21.8	24.6	37.0#

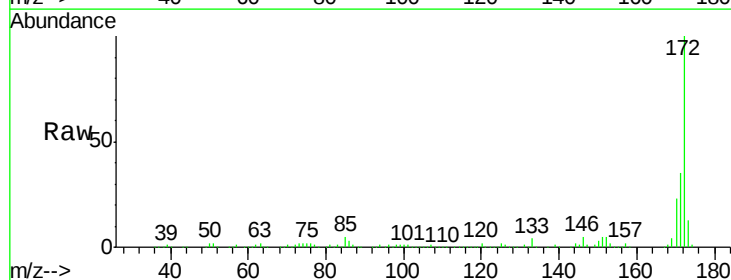


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

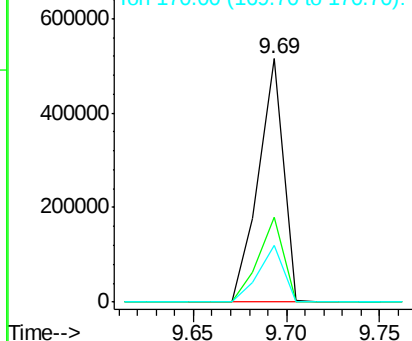
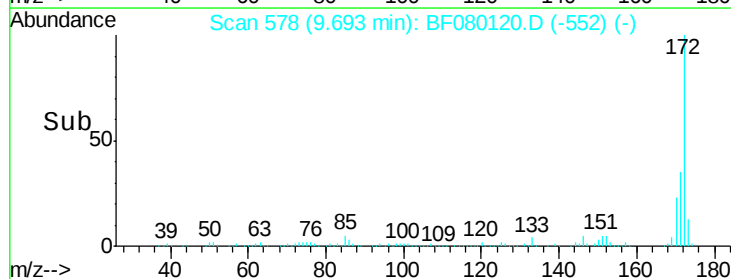


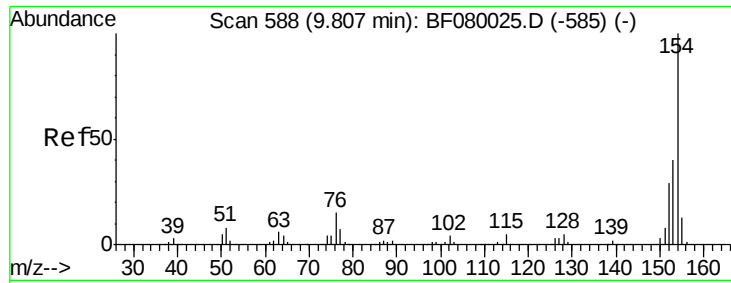
#44
 2-Fluorobiphenyl
 Concen: 73.07 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.1	39.1
170	23.4	17.4	26.2



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

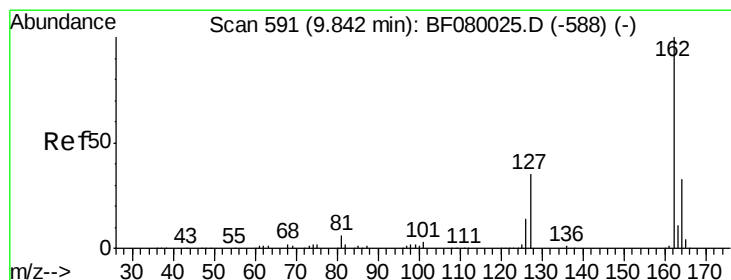
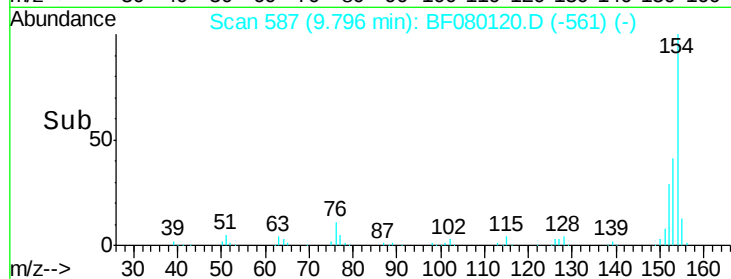
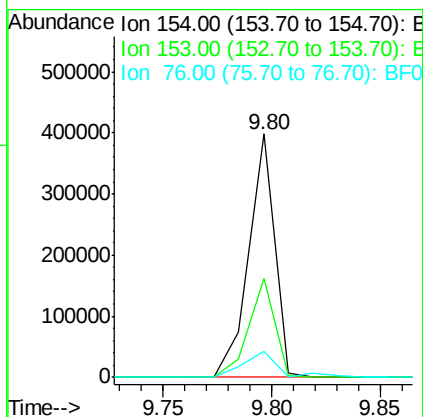
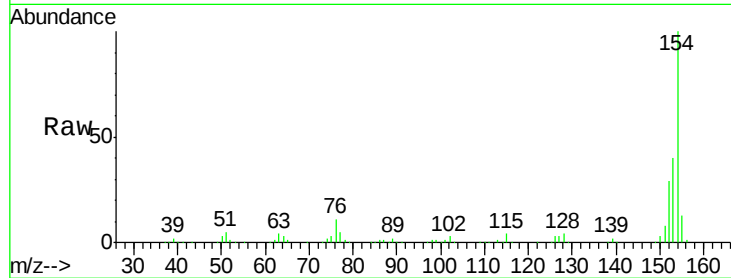




#45
 1,1'-Biphenyl
 Concen: 43.25 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

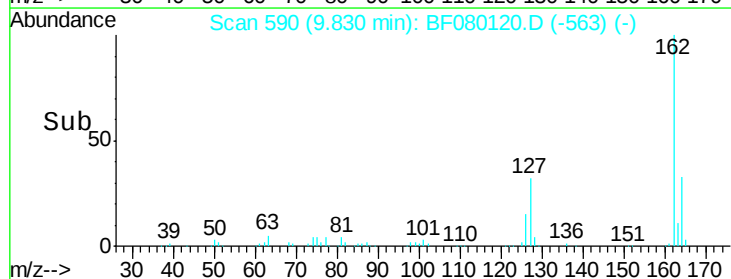
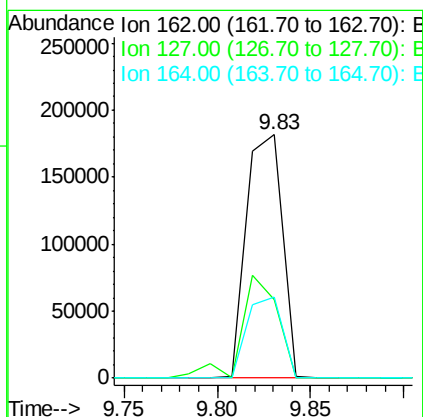
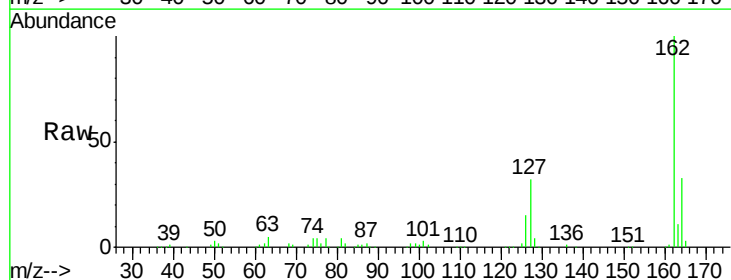
Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-11MSD

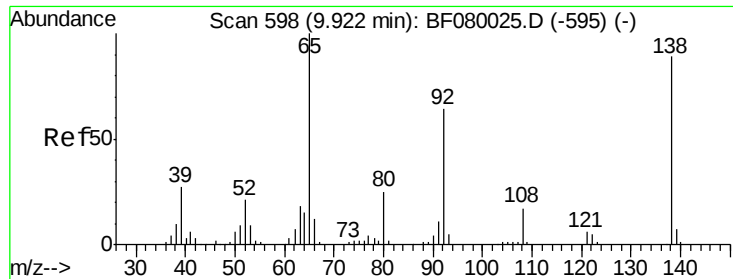
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	17.1	57.1
76	10.6	0.0	31.6



#46
 2-Chloronaphthalene
 Concen: 39.33 ng
 RT: 9.83 min Scan# 590
 Delta R.T. 0.01 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.1	27.6	41.4
164	33.3	25.4	38.2

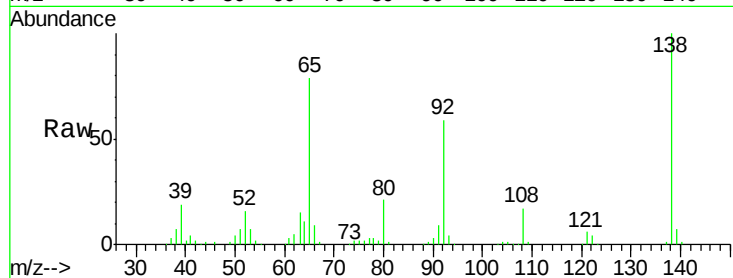




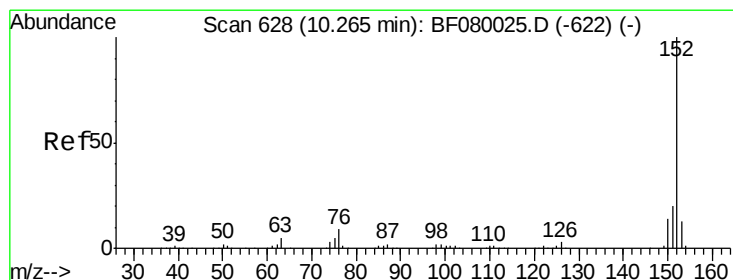
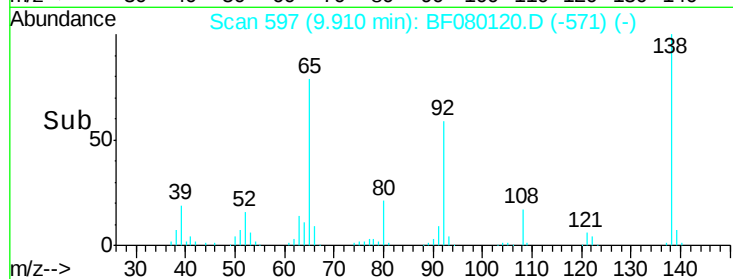
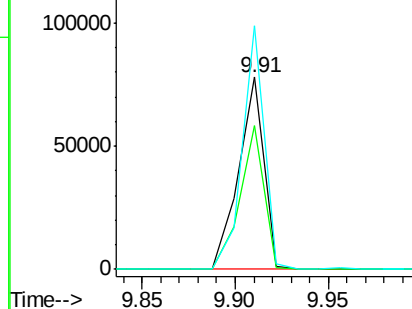
#47
2-Nitroaniline
Concen: 43.93 ng
RT: 9.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

Tgt Ion: 65 Resp: 74272
Ion Ratio Lower Upper
65 100
92 74.5 55.4 83.0
138 126.6 115.5 173.3

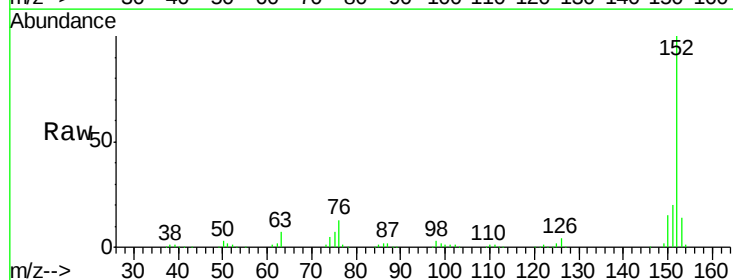


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

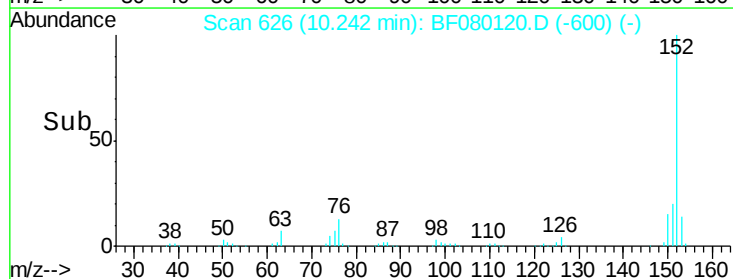
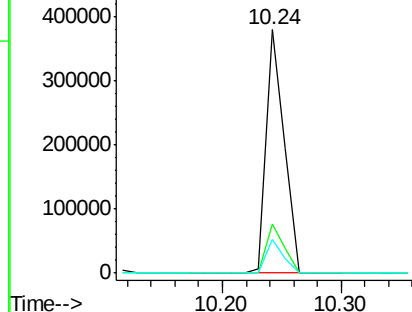


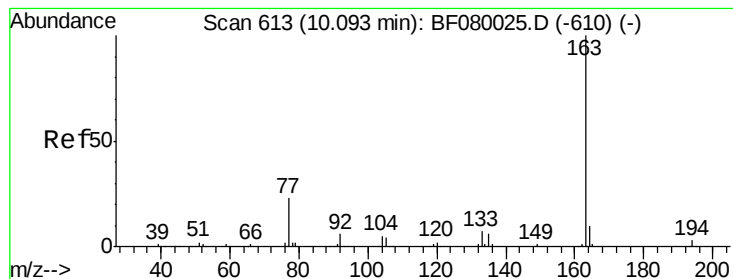
#48
Acenaphthylene
Concen: 38.92 ng
RT: 10.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion: 152 Resp: 400169
Ion Ratio Lower Upper
152 100
151 20.3 14.6 22.0
153 13.6 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 46.79 ng

RT: 10.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

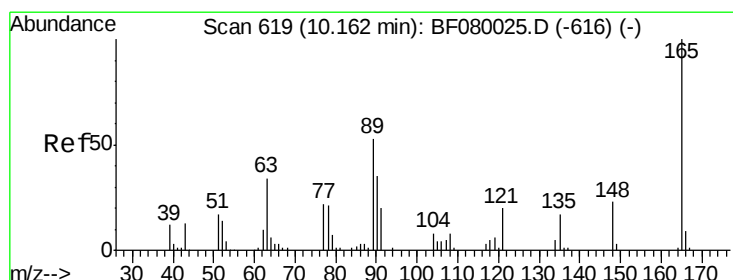
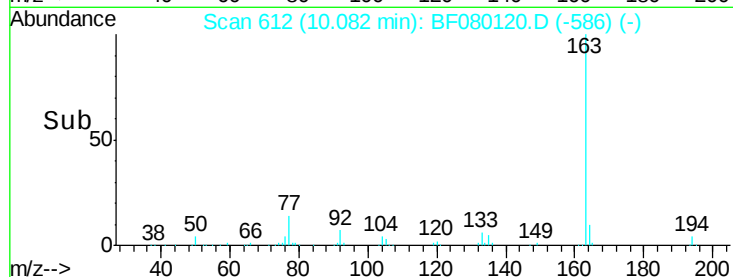
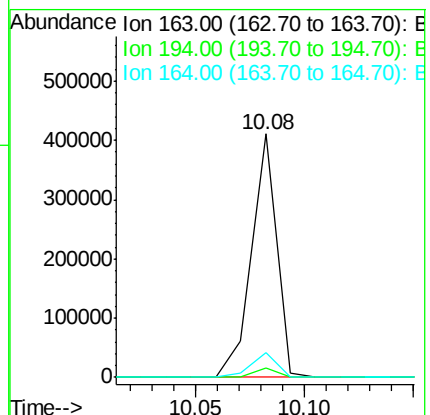
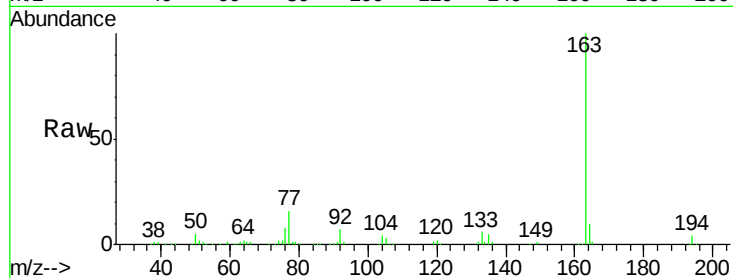
Tgt Ion:163 Resp: 328216

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

164 10.1 8.3 12.5



#50

2,6-Dinitrotoluene

Concen: 41.61 ng

RT: 10.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

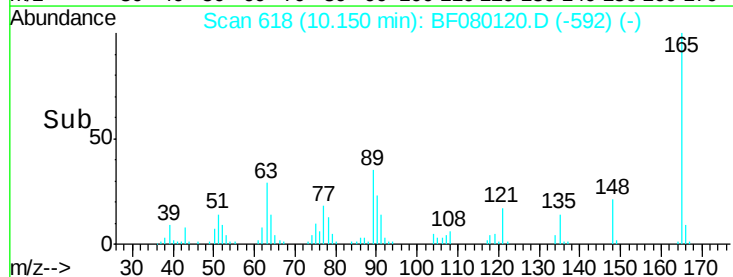
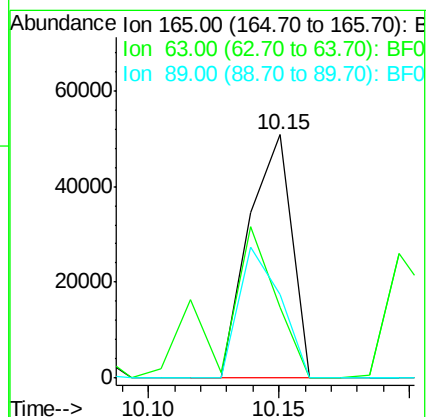
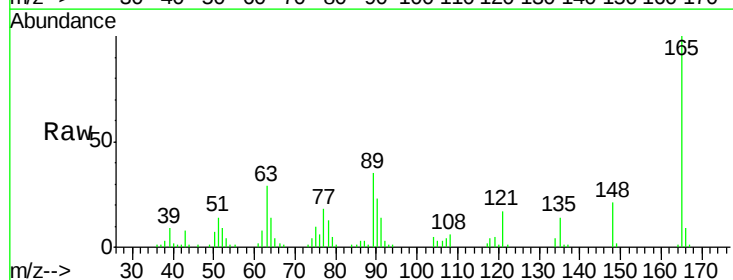
Tgt Ion:165 Resp: 58518

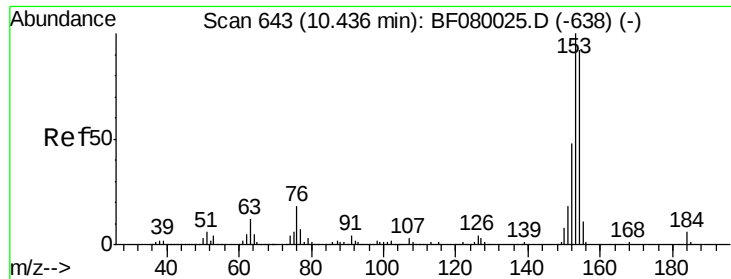
Ion Ratio Lower Upper

165 100

63 29.3 32.3 48.5#

89 34.6 28.6 43.0





#51

Acenaphthene

Concen: 40.53 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

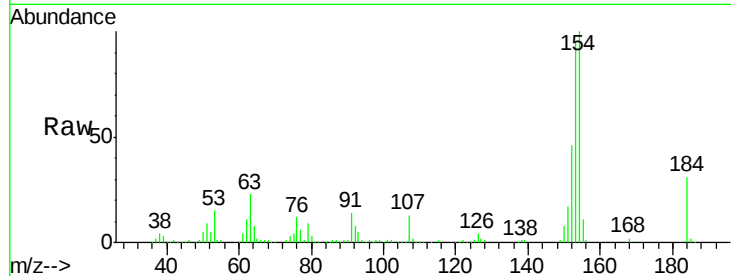
Tgt Ion:154 Resp: 254904

Ion Ratio Lower Upper

154 100

153 95.4 82.1 123.1

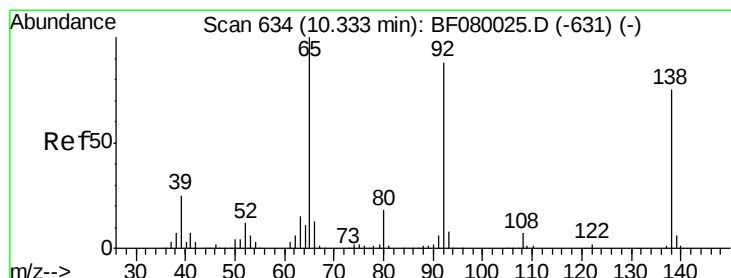
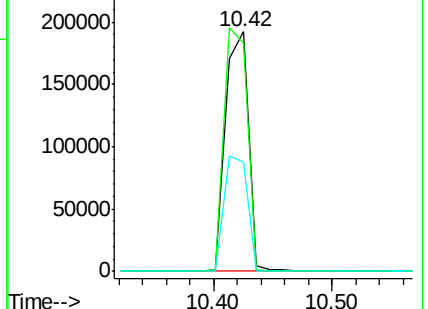
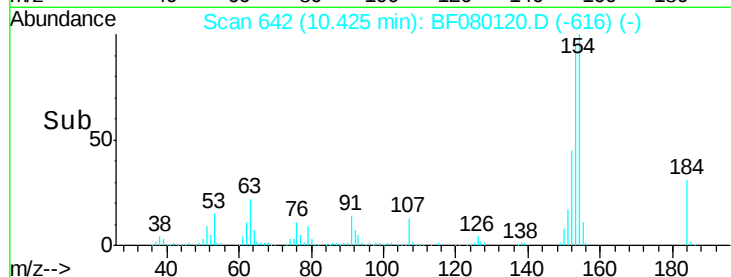
152 45.6 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.28 ng m

RT: 10.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

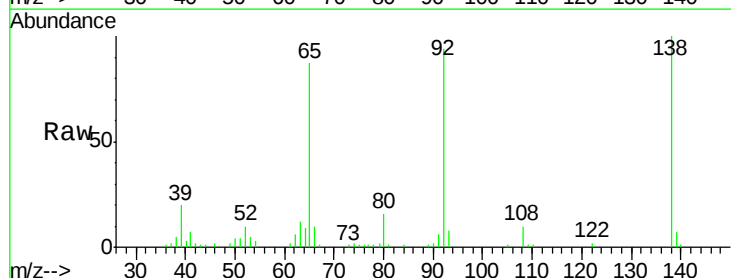
Tgt Ion:138 Resp: 55621

Ion Ratio Lower Upper

138 100

108 9.6 5.7 8.5#

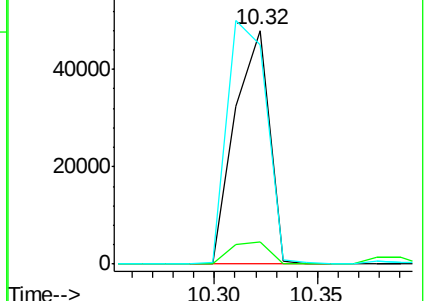
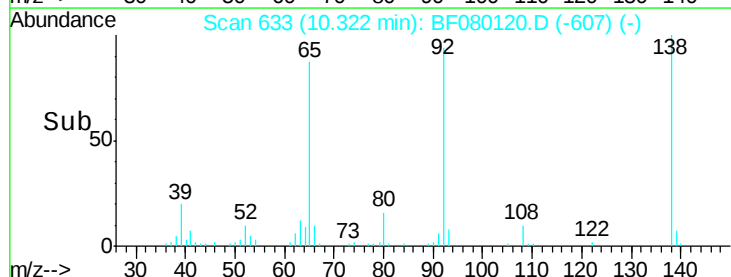
92 93.8 67.7 101.5

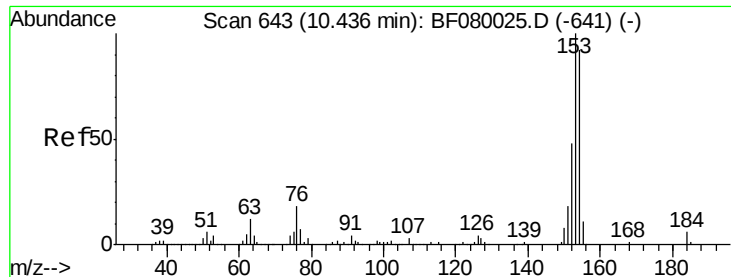


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

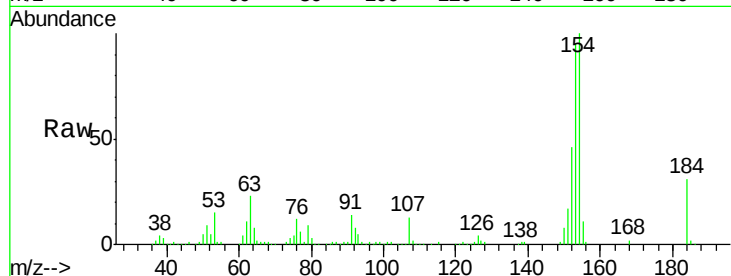




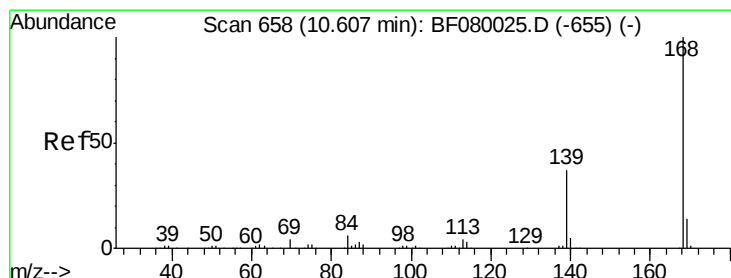
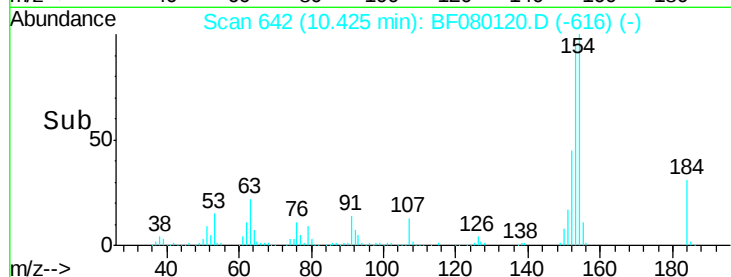
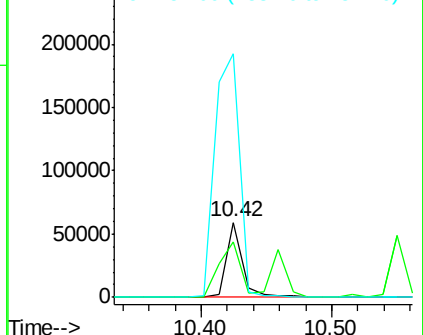
#53
2,4-Dinitrophenol
Concen: 87.36 ng
RT: 10.42 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

Tgt Ion:184 Resp: 50334
Ion Ratio Lower Upper
184 100
63 74.4 35.4 53.2#
154 324.7 32.2 48.4#

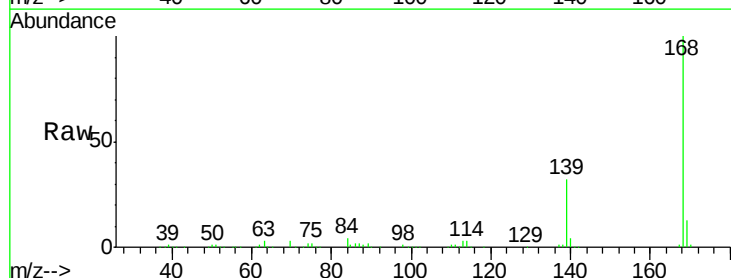


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

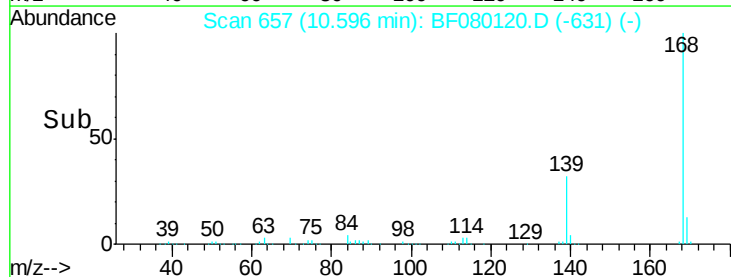
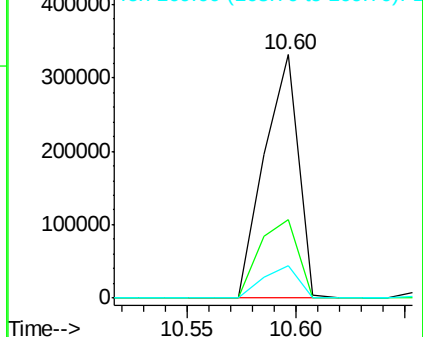


#54
Dibenzofuran
Concen: 40.78 ng
RT: 10.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion:168 Resp: 363947
Ion Ratio Lower Upper
168 100
139 32.3 24.2 36.2
169 13.2 10.6 15.8



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





#55

4-Nitrophenol

Concen: 81.55 ng

RT: 10.46 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

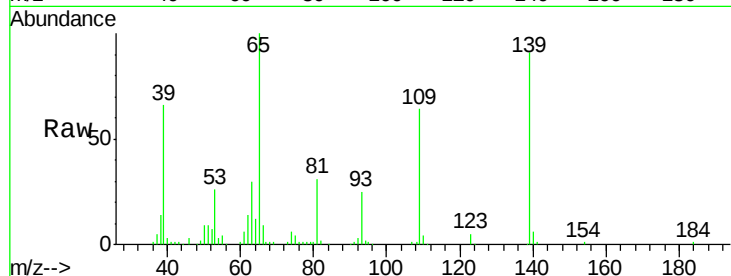
Tgt Ion:139 Resp: 105766

Ion Ratio Lower Upper

139 100

109 70.5 12.7 52.7#

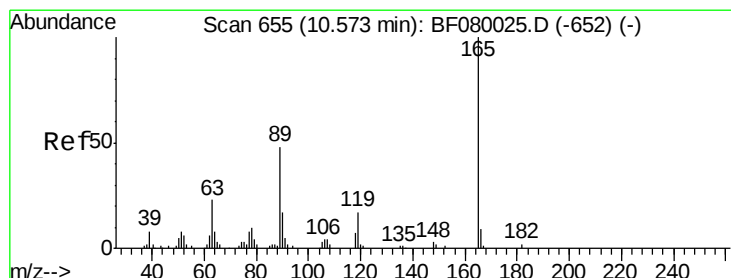
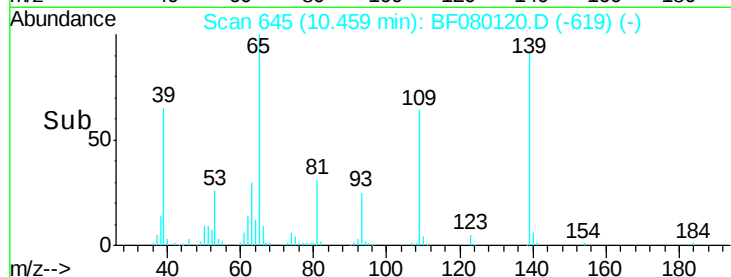
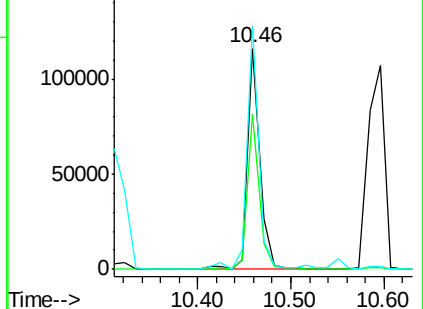
65 110.3 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.67 ng

RT: 10.55 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Tgt Ion:165 Resp: 79716

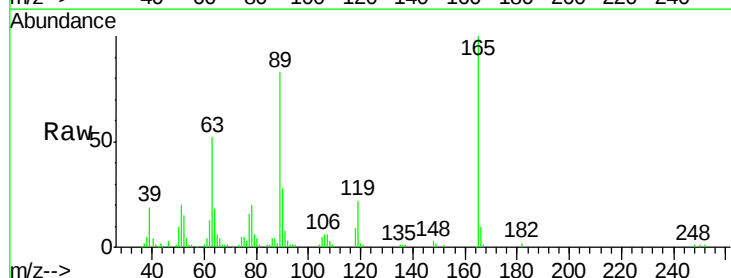
Ion Ratio Lower Upper

165 100

63 52.2 29.8 44.6#

89 82.9 44.5 66.7#

182 2.2 3.0 4.4#

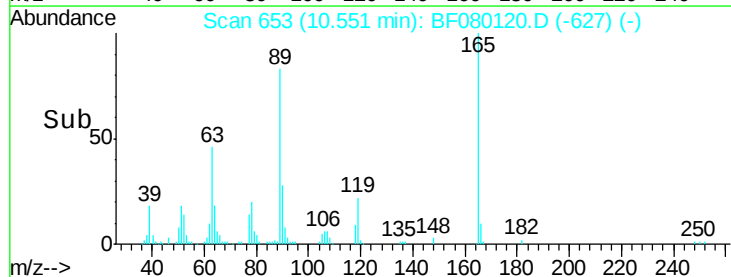
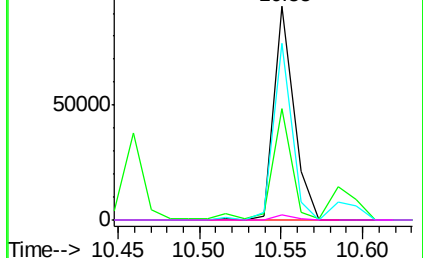


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.61 ng

RT: 10.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

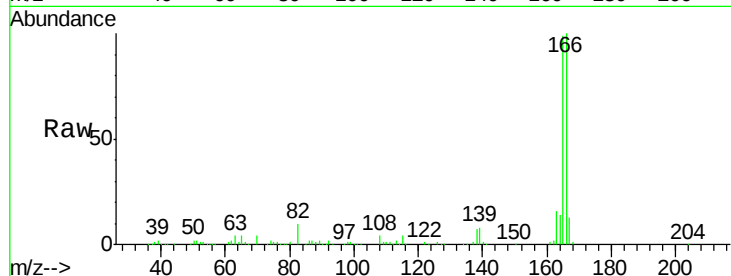
Tgt Ion:166 Resp: 308817

Ion Ratio Lower Upper

166 100

165 98.9 72.6 109.0

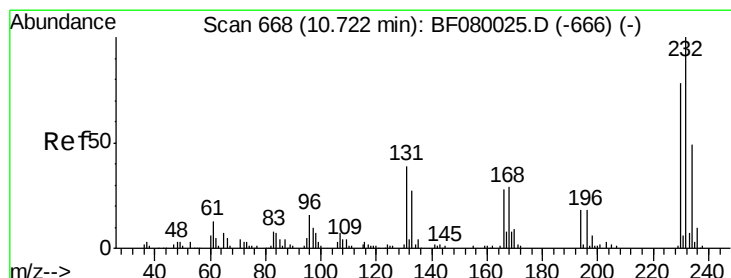
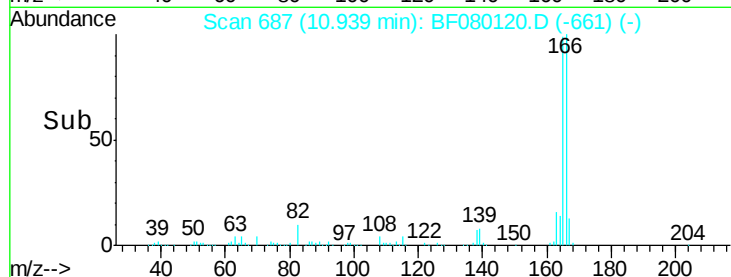
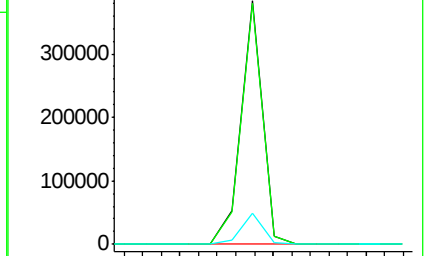
167 12.9 10.6 16.0



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: 39.89 ng

RT: 10.71 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Tgt Ion:232 Resp: 71682

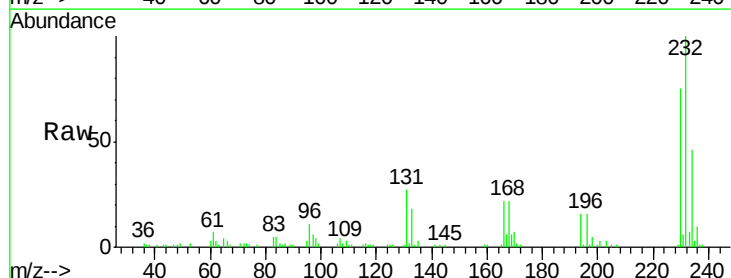
Ion Ratio Lower Upper

232 100

131 44.9 38.5 57.7

130 2.3 1.8 2.6

166 29.3 25.0 37.6

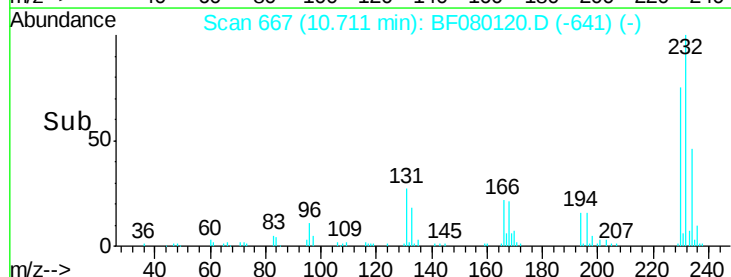
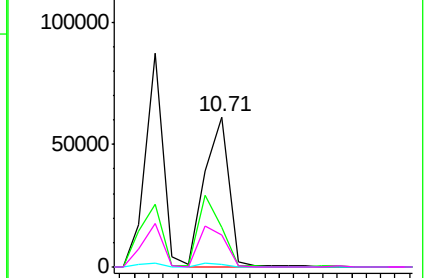


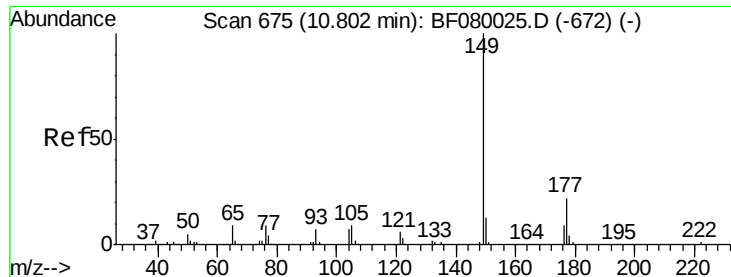
Abundance Ion 232.00 (231.70 to 232.70): E

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

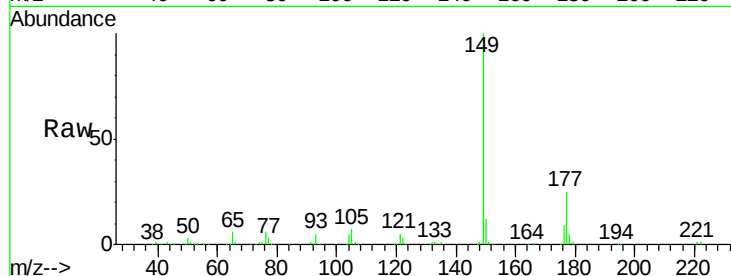




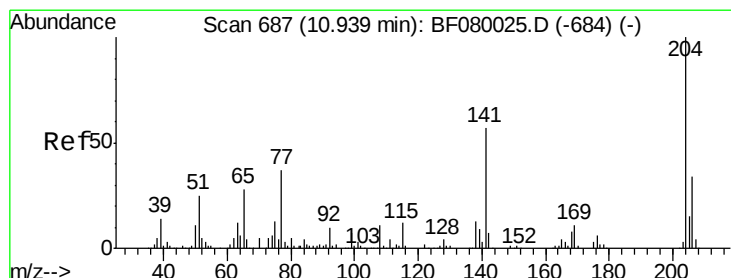
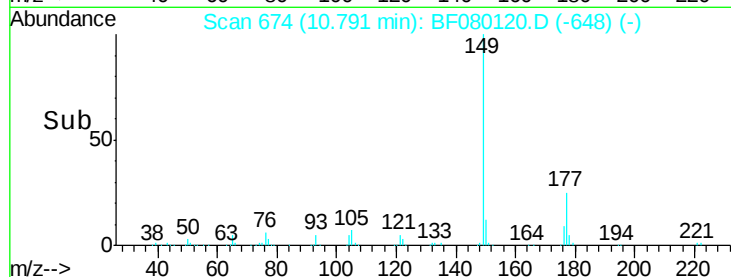
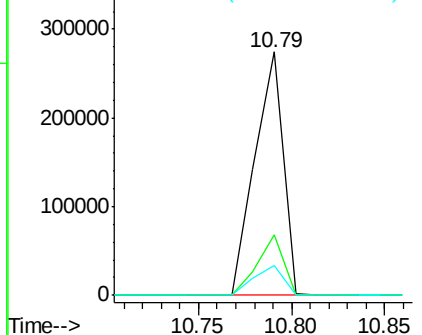
#59
Diethylphthalate
Concen: 40.59 ng
RT: 10.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

Tgt Ion:149 Resp: 286677
Ion Ratio Lower Upper
149 100
177 24.9 17.5 26.3
150 12.3 9.4 14.2

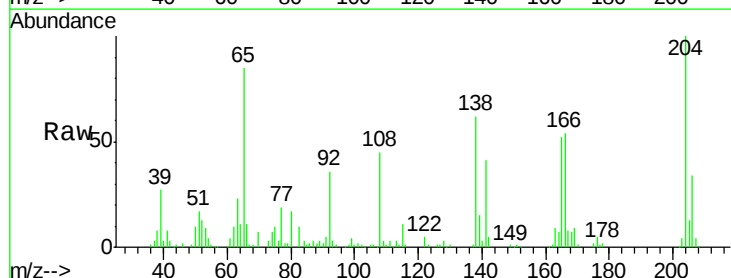


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

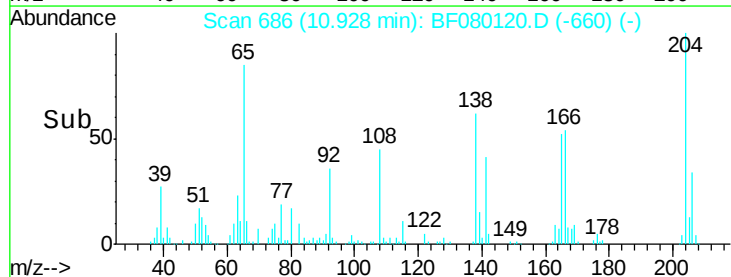
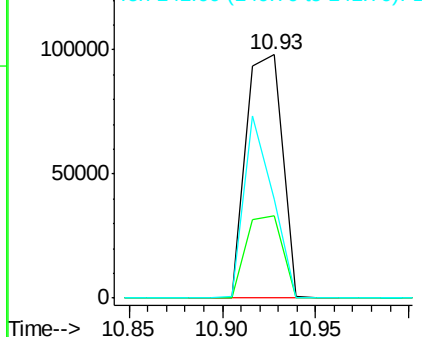


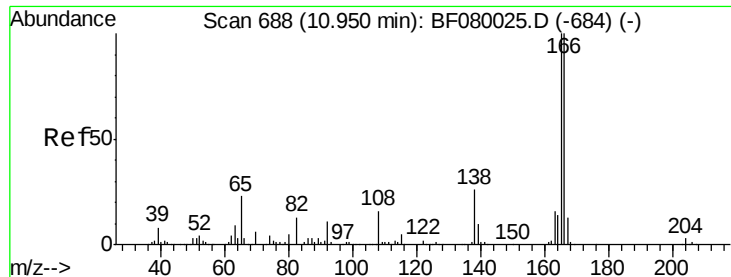
#60
4-Chlorophenyl-phenylether
Concen: 38.82 ng
RT: 10.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion:204 Resp: 132106
Ion Ratio Lower Upper
204 100
206 33.9 24.8 37.2
141 40.9 42.2 63.4#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

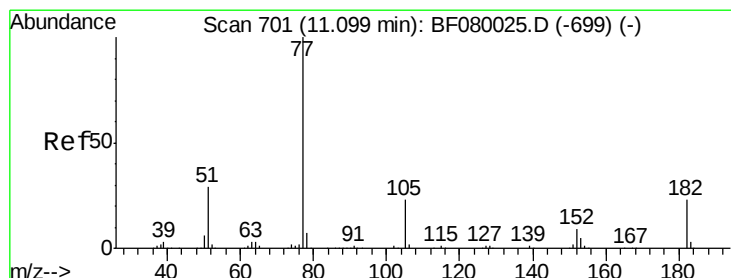
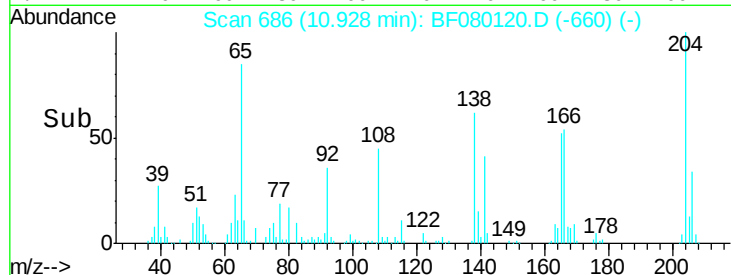
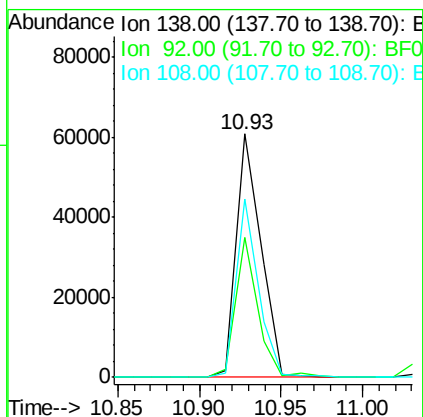
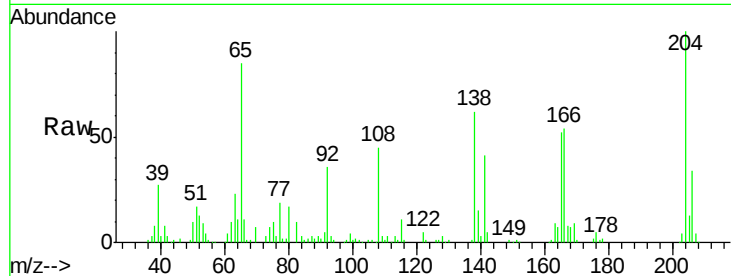




#61
4-Nitroaniline
Concen: 37.59 ng
RT: 10.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

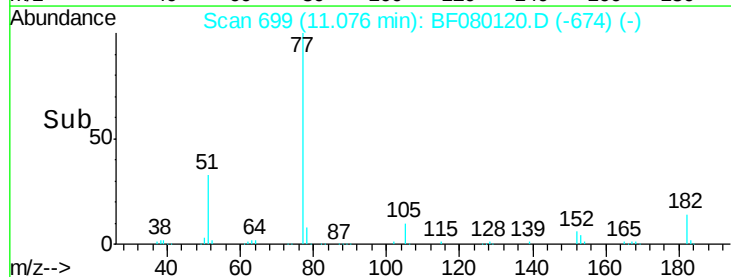
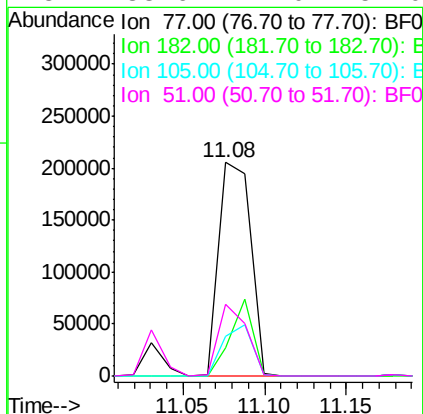
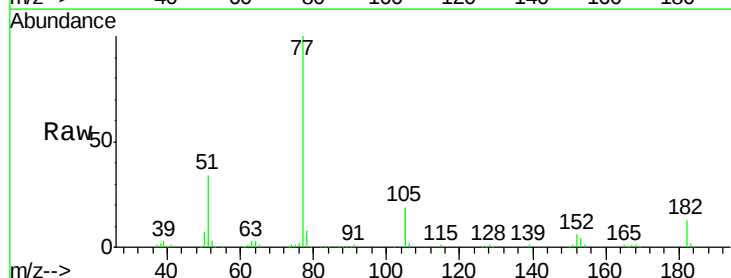
Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

Tgt Ion: 138 Resp: 62995
Ion Ratio Lower Upper
138 100
92 57.7 12.6 52.6#
108 73.0 12.4 52.4#



#62
Azobenzene
Concen: 38.62 ng
RT: 11.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion: 77 Resp: 277681
Ion Ratio Lower Upper
77 100
182 12.9 15.1 55.1#
105 18.7 3.4 43.4
51 33.6 12.0 52.0

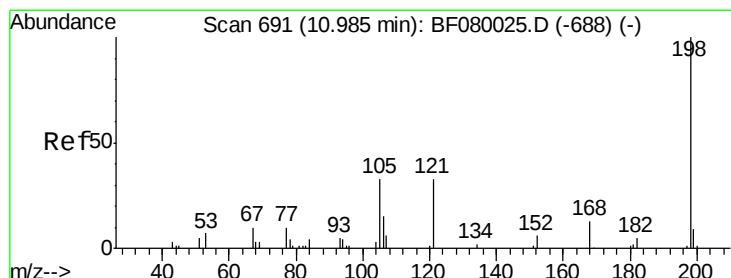
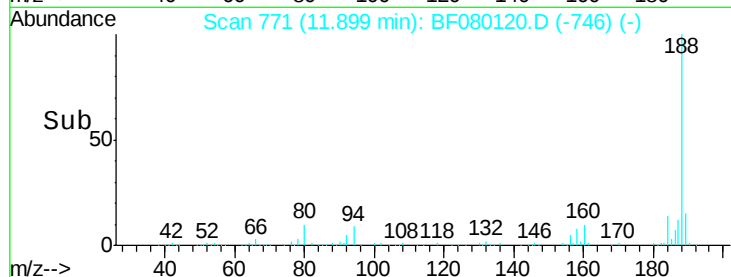
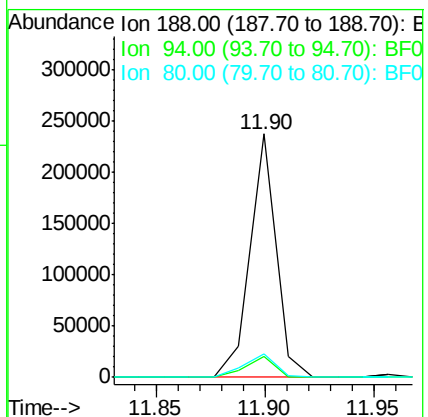
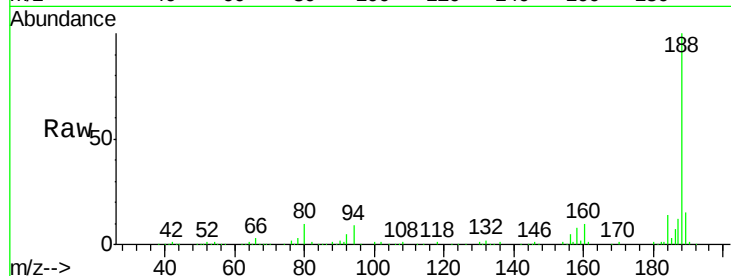




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

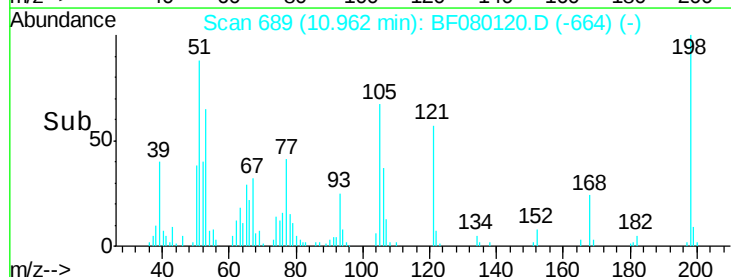
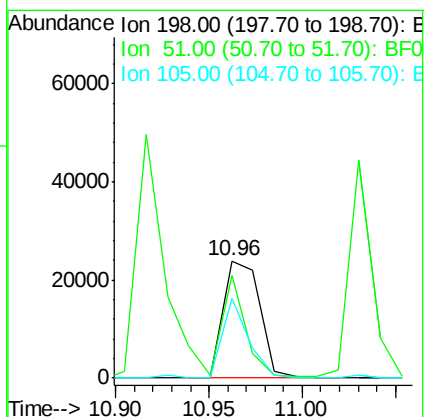
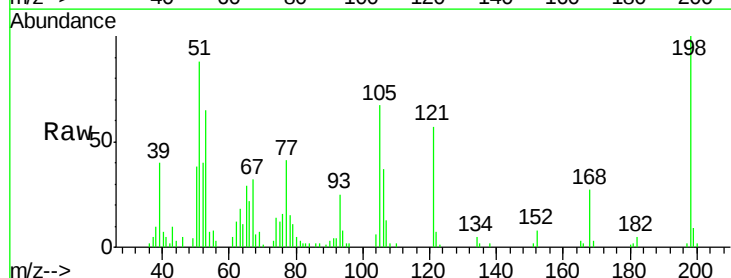
Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-11MSD

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	11.1	16.7#
80	9.5	11.0	16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.27 ng
 RT: 10.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Tgt Ion	Ratio	Lower	Upper
198	100		
51	87.5	39.6	79.6#
105	67.4	28.5	68.5

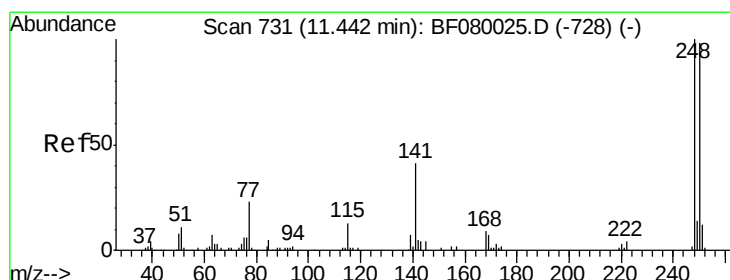
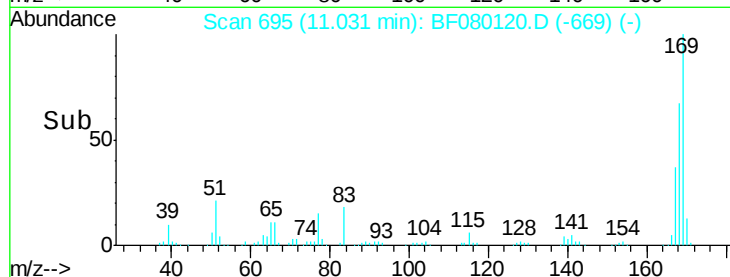
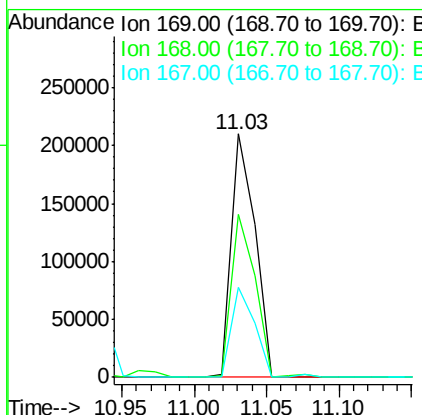
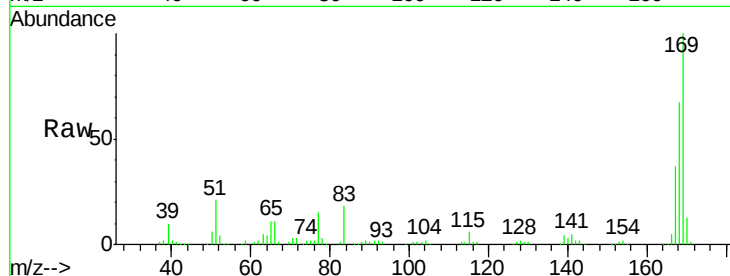




#65
 n-Nitrosodiphenylamine
 Concen: 36.59 ng
 RT: 11.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

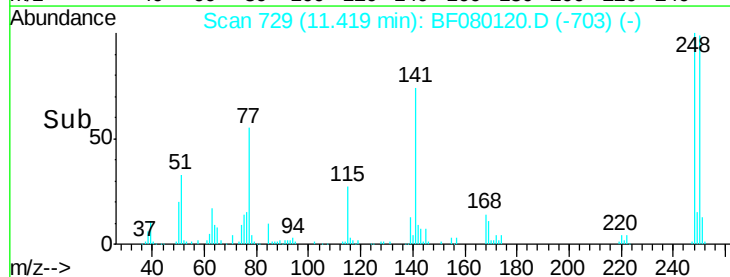
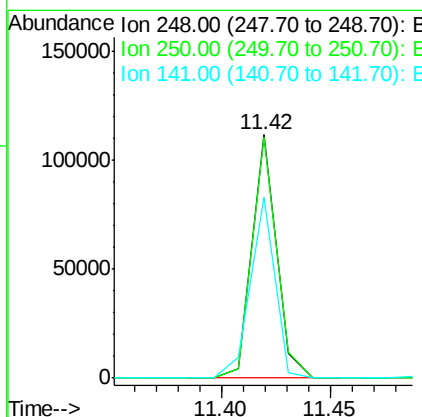
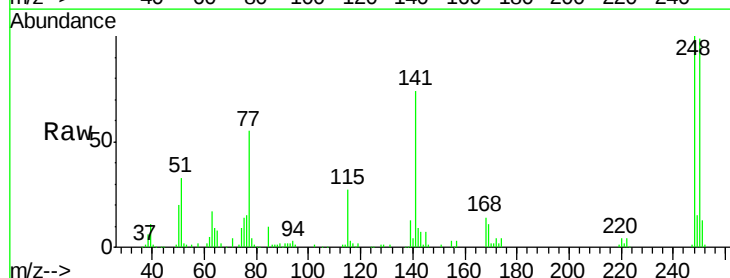
Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-11MSD

Tgt Ion:169 Resp: 237093
 Ion Ratio Lower Upper
 169 100
 168 67.0 48.9 73.3
 167 37.2 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 41.41 ng
 RT: 11.42 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Tgt Ion:248 Resp: 87625
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.5 117.7
 141 74.2 59.0 88.6

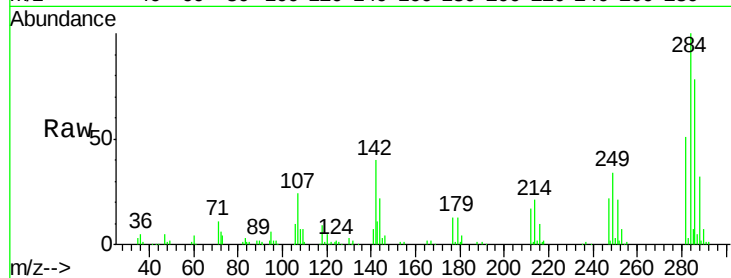




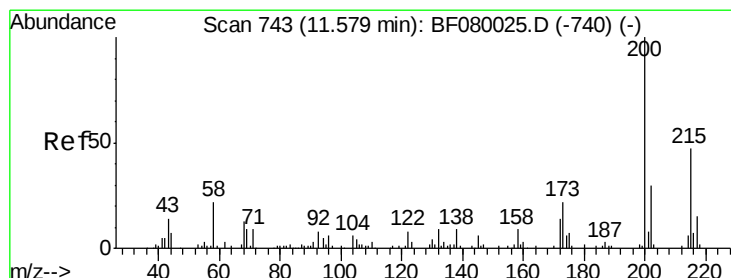
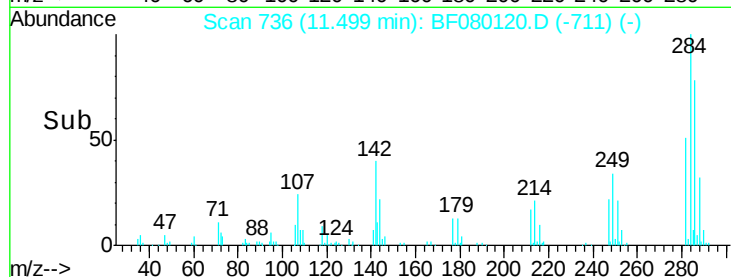
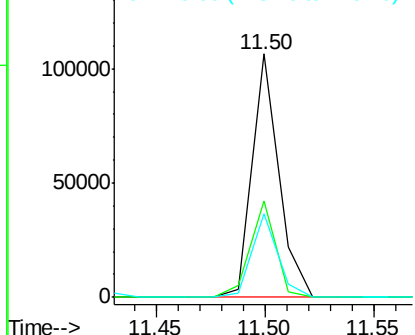
#67
Hexachlorobenzene
Concen: 38.57 ng
RT: 11.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

Tgt Ion: 284 Resp: 90717
Ion Ratio Lower Upper
284 100
142 39.6 29.5 44.3
249 34.2 19.5 29.3#

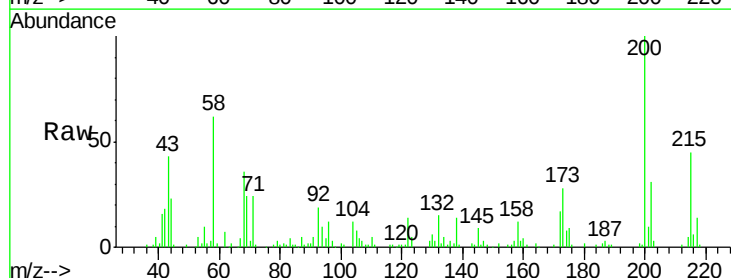


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

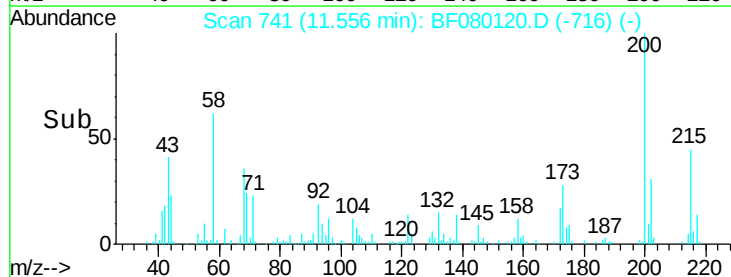
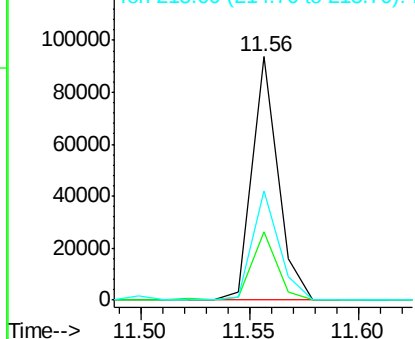


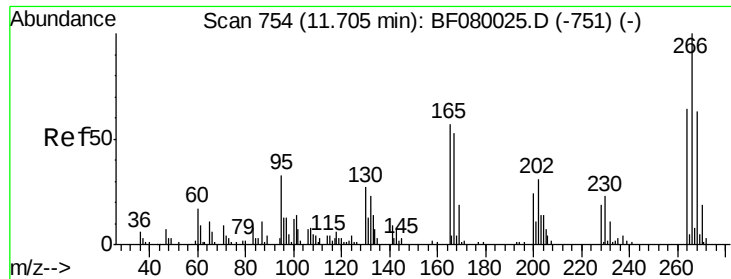
#68
Atrazine
Concen: 37.84 ng
RT: 11.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion: 200 Resp: 77466
Ion Ratio Lower Upper
200 100
173 28.0 13.2 53.2
215 44.9 41.8 81.8



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

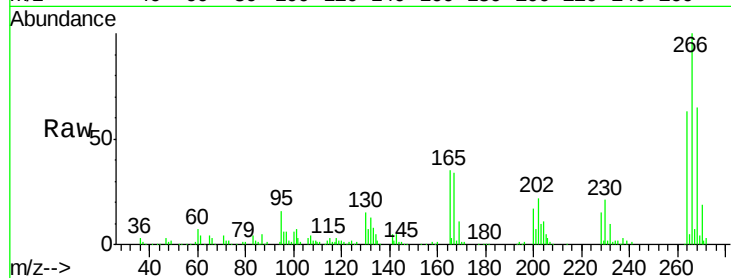




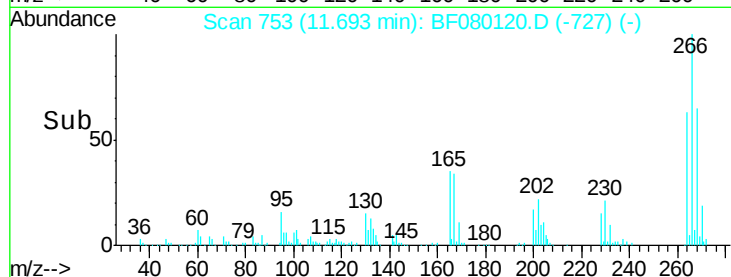
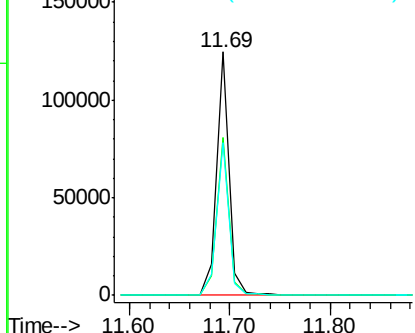
#69
 Pentachlorophenol
 Concen: 80.90 ng
 RT: 11.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-11MSD

Tgt Ion: 266 Resp: 107819
 Ion Ratio Lower Upper
 266 100
 268 64.8 49.8 74.6
 264 62.5 50.2 75.2

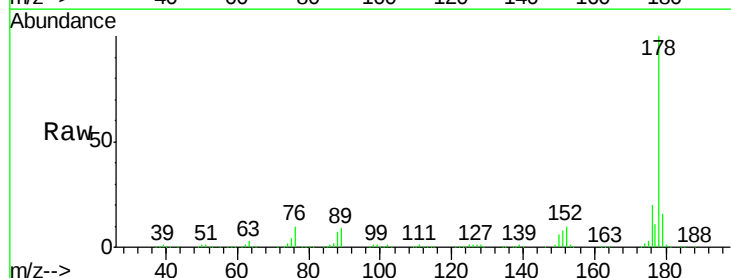


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

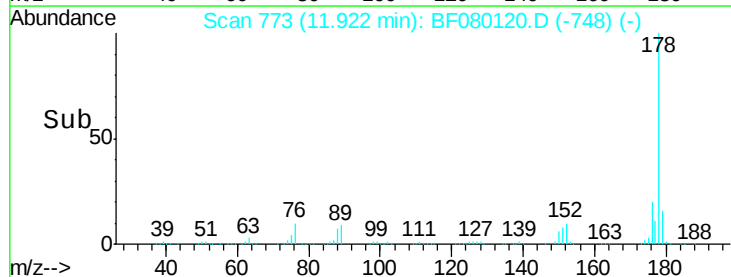
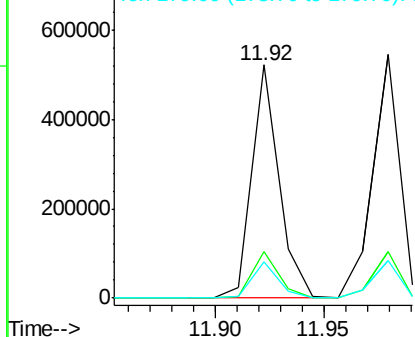


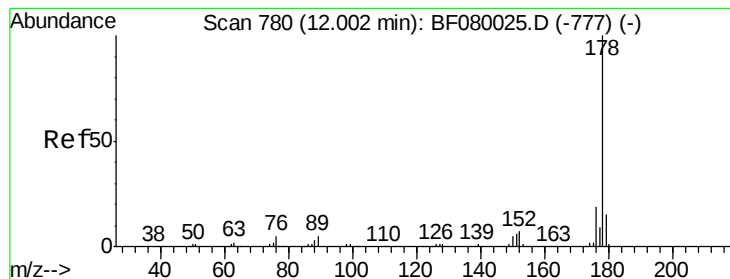
#70
 Phenanthrene
 Concen: 37.55 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Tgt Ion: 178 Resp: 452420
 Ion Ratio Lower Upper
 178 100
 176 19.9 13.8 20.8
 179 15.7 12.2 18.2



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: 40.47 ng

RT: 11.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

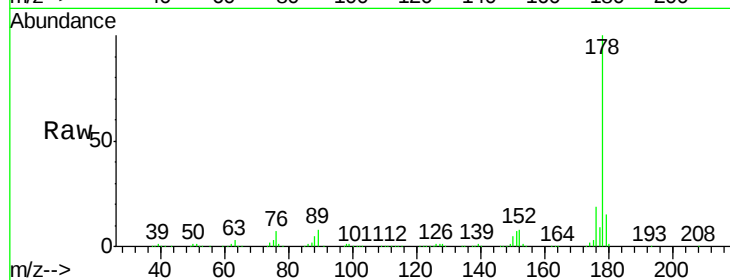
Tgt Ion:178 Resp: 469488

Ion Ratio Lower Upper

178 100

176 19.0 14.1 21.1

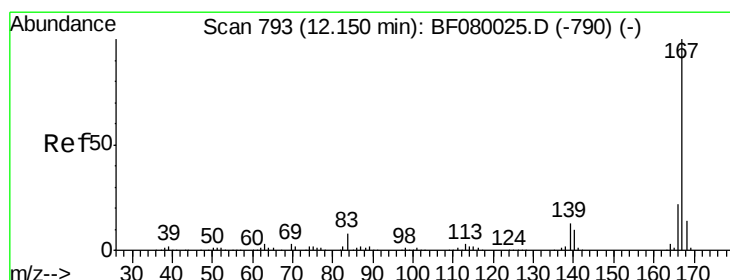
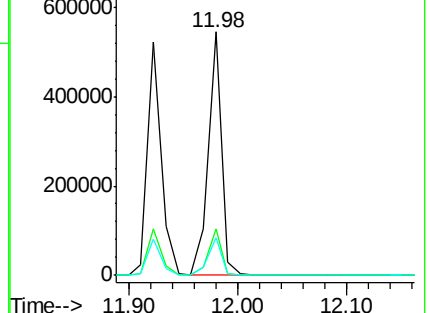
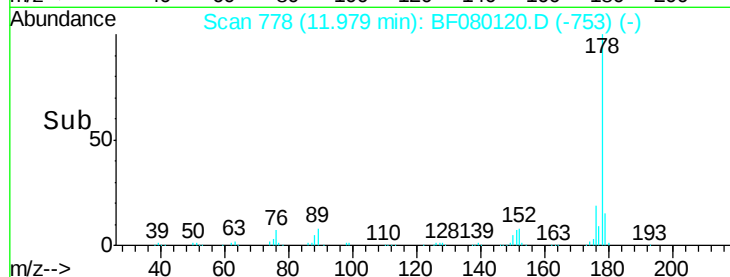
179 15.3 12.2 18.2



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: 36.55 ng

RT: 12.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

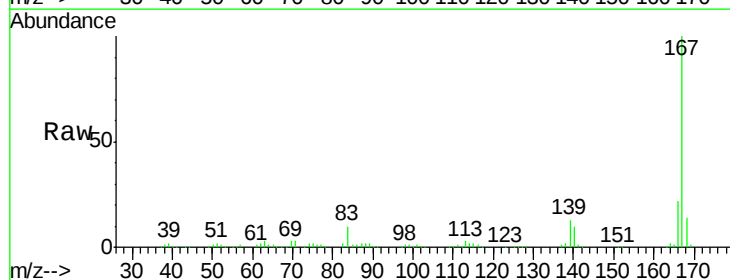
Tgt Ion:167 Resp: 404882

Ion Ratio Lower Upper

167 100

166 22.2 15.7 23.5

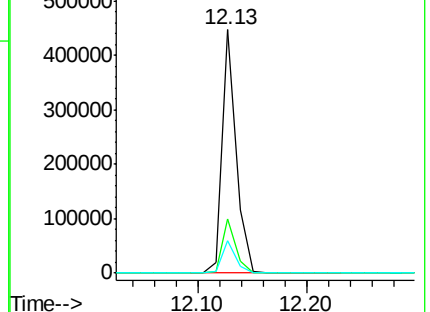
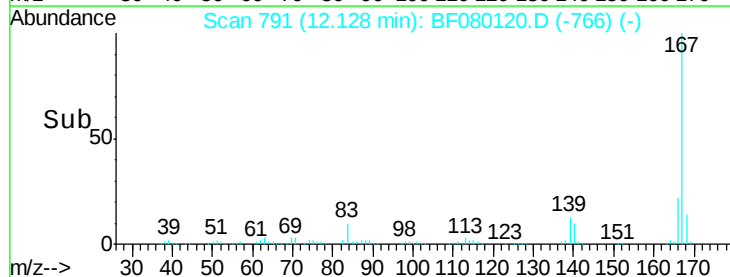
139 13.4 9.5 14.3



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: 39.36 ng

RT: 12.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

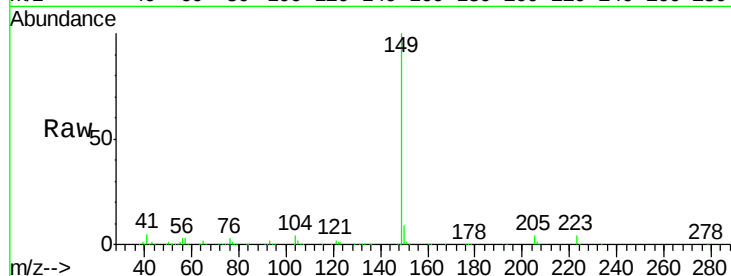
Tgt Ion:149 Resp: 503646

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

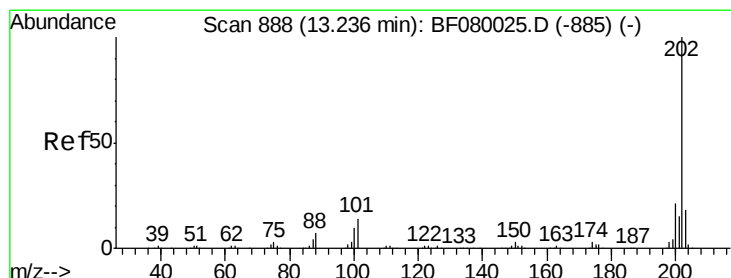
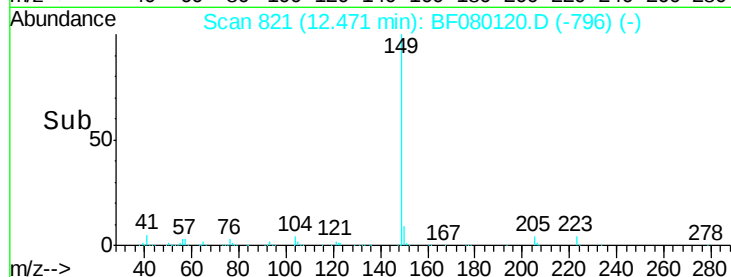
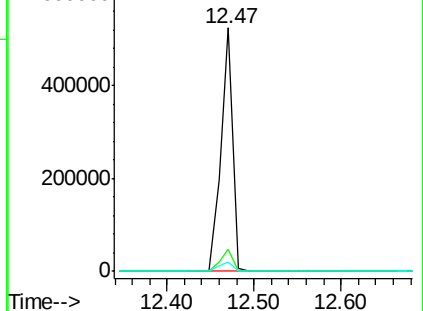
104 4.0 2.4 3.6#



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: 38.55 ng

RT: 13.21 min Scan# 886

Delta R.T. -0.03 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

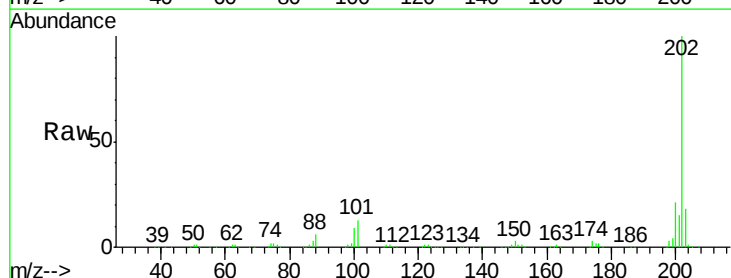
Tgt Ion:202 Resp: 494620

Ion Ratio Lower Upper

202 100

101 12.6 0.0 38.3

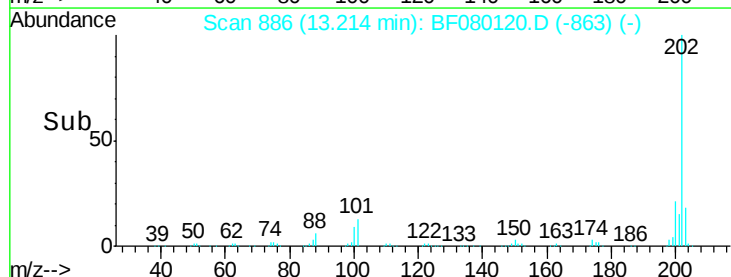
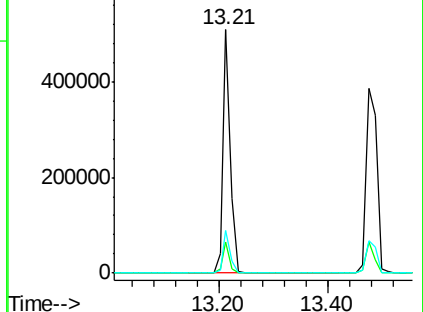
203 17.6 0.0 37.3

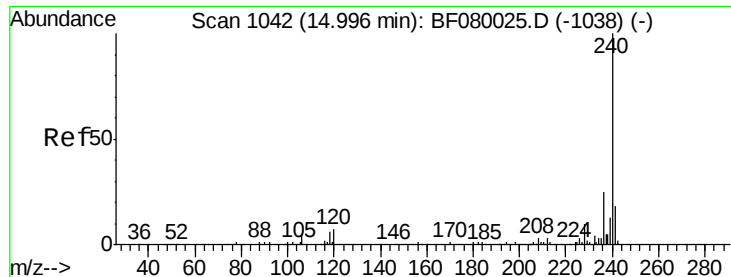


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

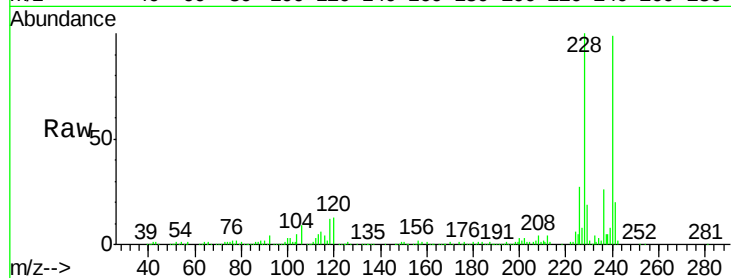
Tgt Ion:240 Resp: 216578

Ion Ratio Lower Upper

240 100

120 12.8 16.2 24.2#

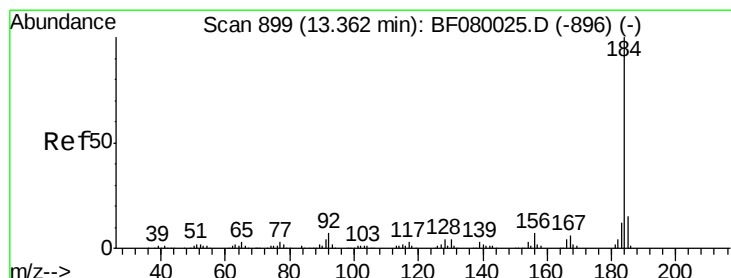
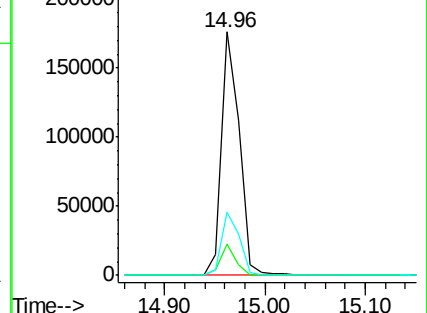
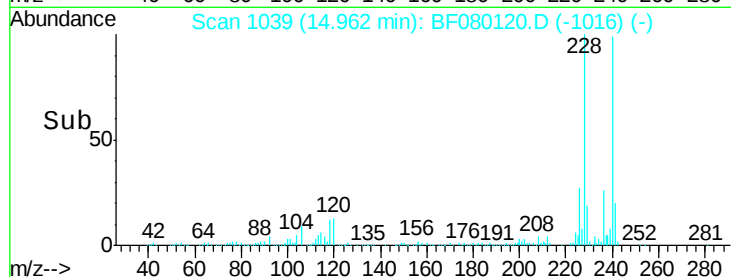
236 25.9 18.4 27.6



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: 2.26 ng

RT: 13.34 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

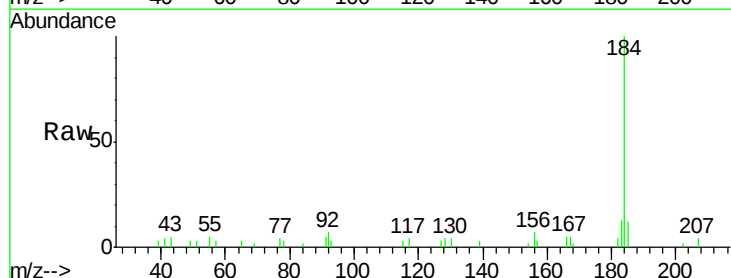
Tgt Ion:184 Resp: 13652

Ion Ratio Lower Upper

184 100

185 12.0 11.8 17.6

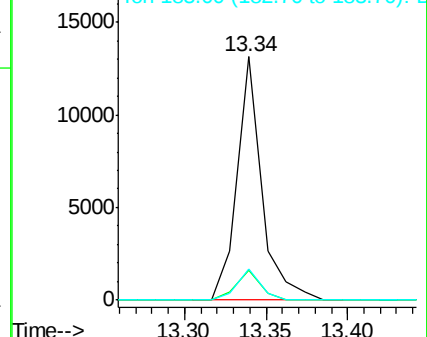
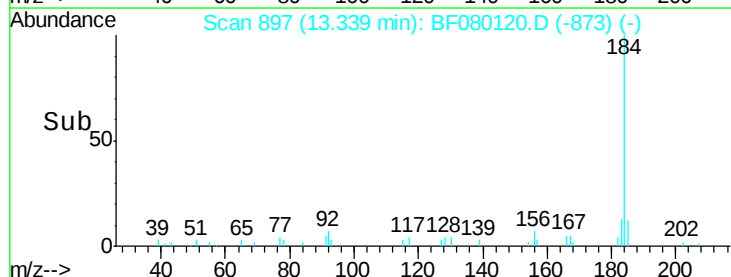
183 12.7 7.6 11.4#

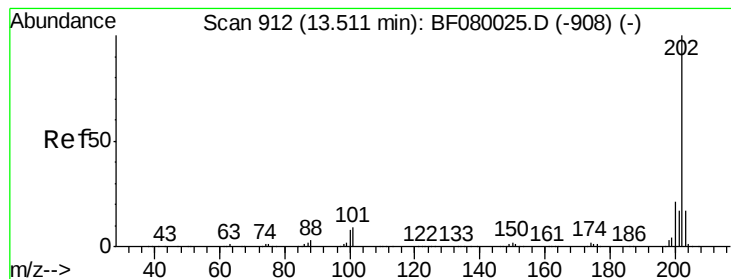


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.73 ng

RT: 13.48 min Scan# 909

Delta R.T. -0.03 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

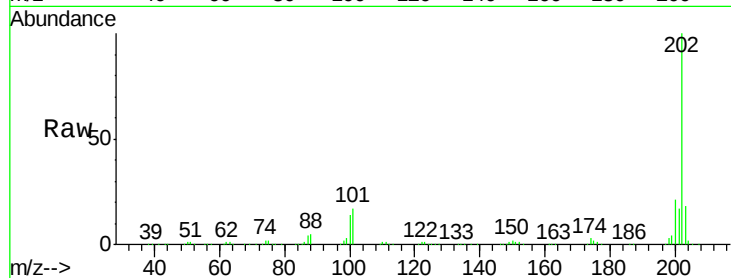
Tgt Ion: 202 Resp: 516401

Ion Ratio Lower Upper

202 100

200 21.2 15.0 22.4

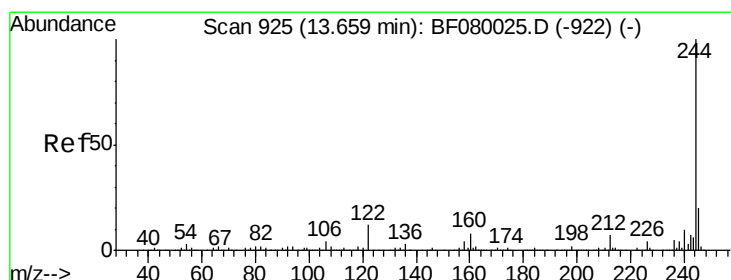
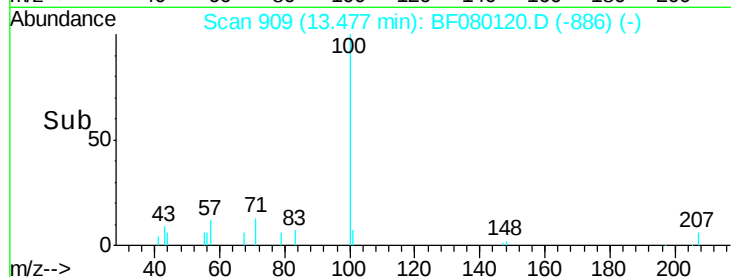
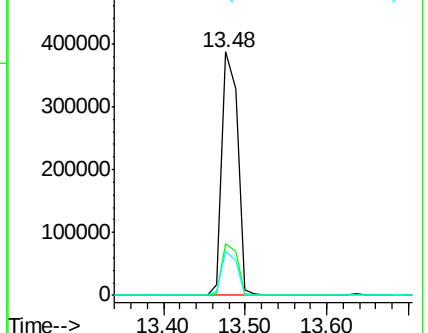
203 17.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 57.52 ng

RT: 13.64 min Scan# 923

Delta R.T. -0.03 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

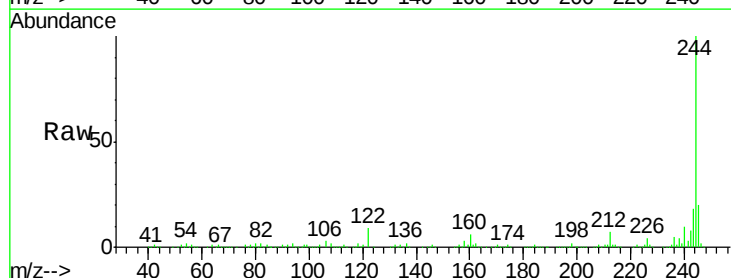
Tgt Ion: 244 Resp: 533449

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

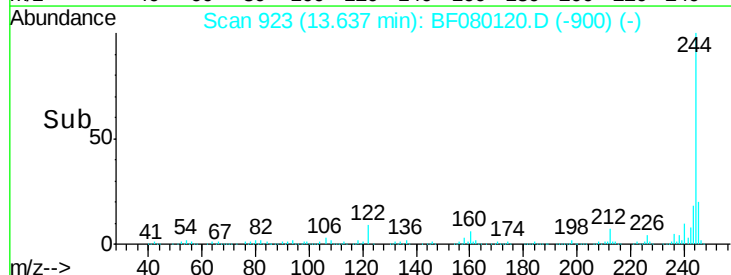
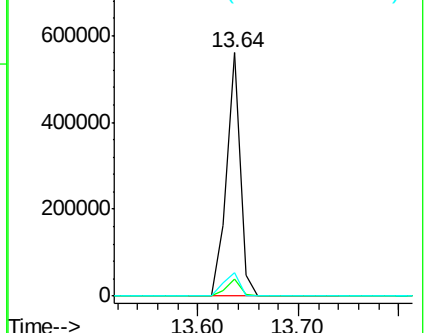
122 9.4 17.4 26.2#

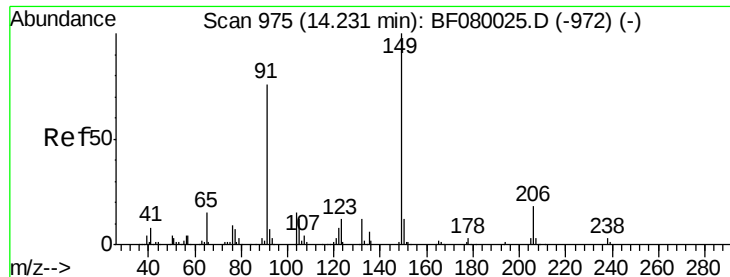


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

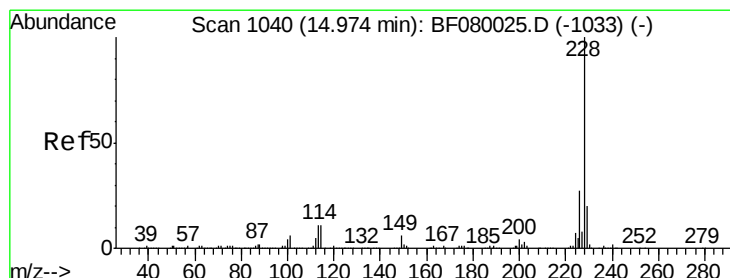
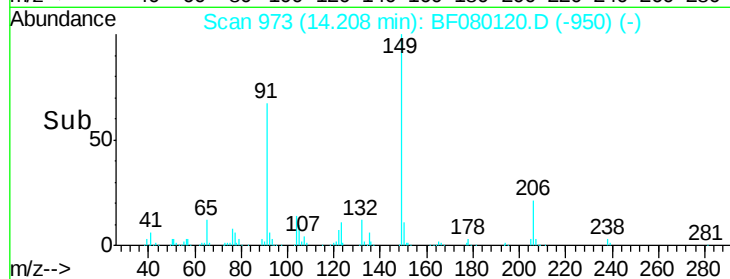
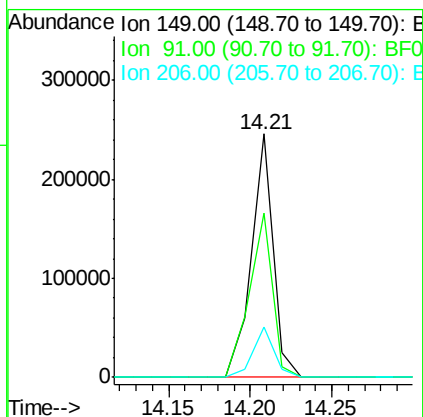
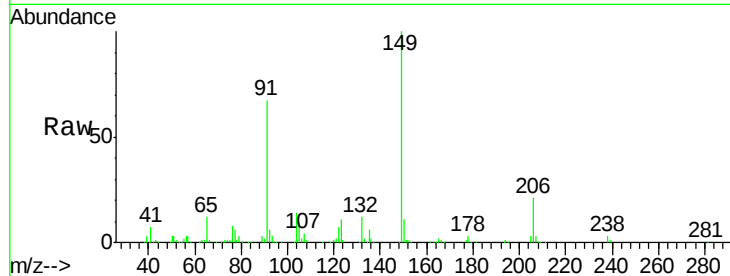




#79
Butylbenzylphthalate
Concen: 42.55 ng
RT: 14.21 min Scan# 973
Delta R.T. -0.03 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

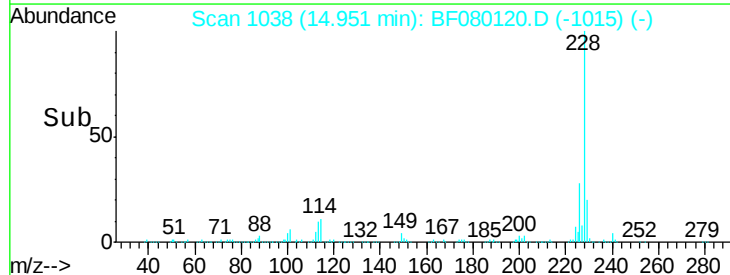
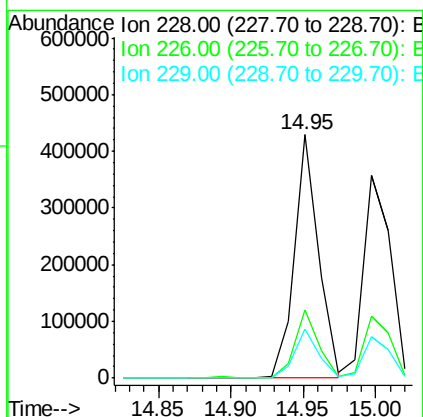
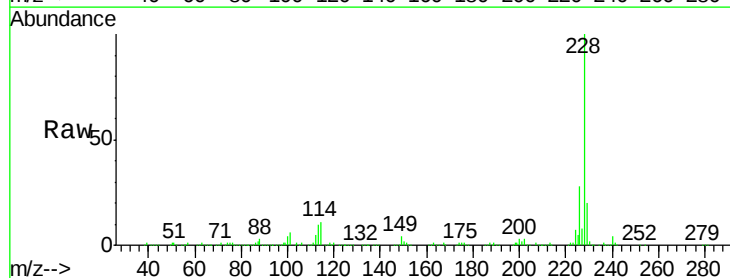
Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	48.6	72.8
206	20.9	14.9	22.3



#80
Benzo(a)anthracene
Concen: 37.35 ng
RT: 14.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	20.0	30.0
229	20.0	15.4	23.2

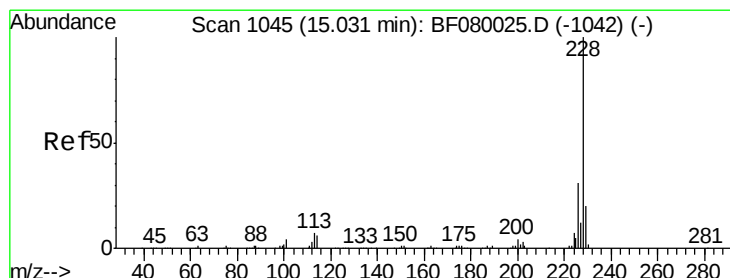
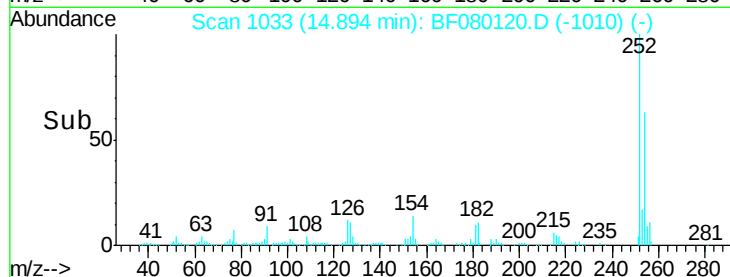
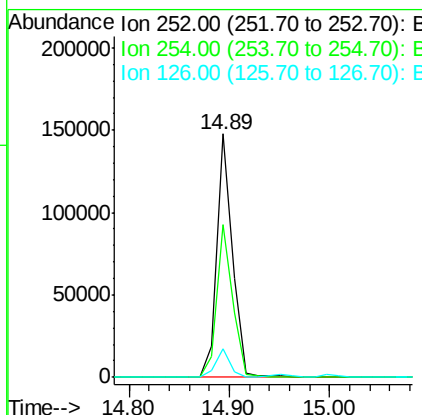
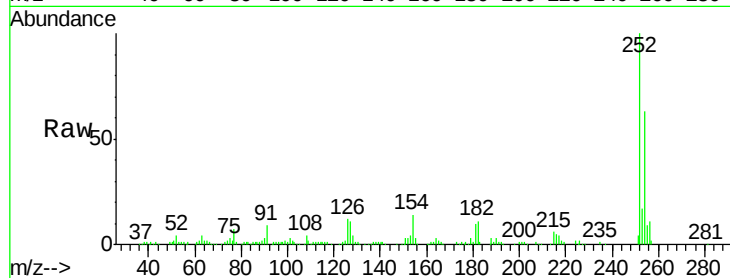




#81
 3,3'-Dichlorobenzidine
 Concen: 35.22 ng
 RT: 14.89 min Scan# 1033
 Delta R.T. -0.03 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

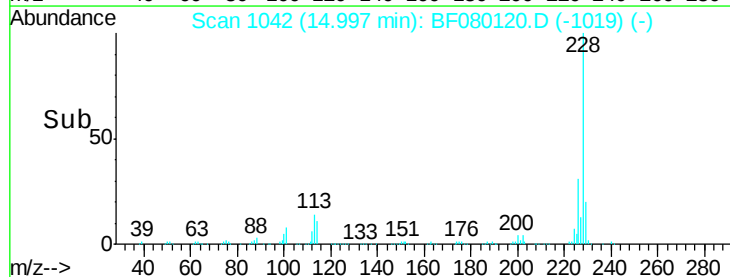
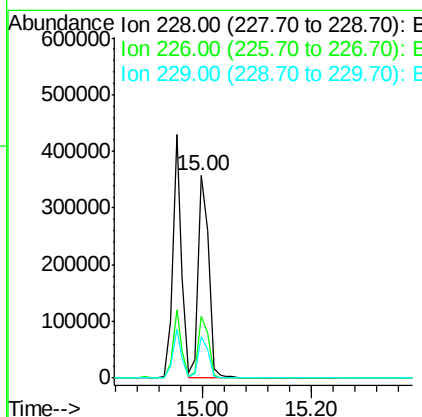
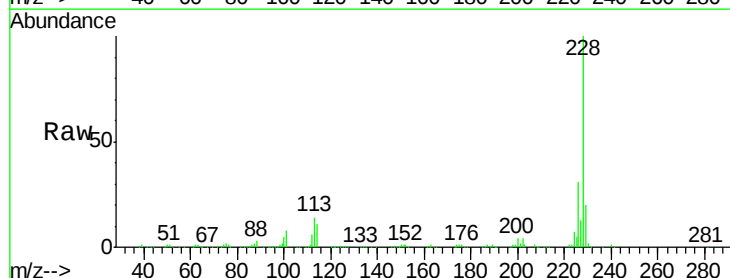
Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-11MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.4	77.2
126	12.0	16.4	24.6#



#82
 Chrysene
 Concen: 38.45 ng
 RT: 15.00 min Scan# 1042
 Delta R.T. -0.03 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	20.1	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.72 ng

RT: 14.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD

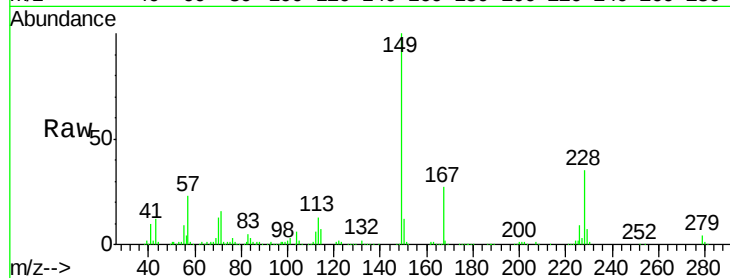
Tgt Ion:149 Resp: 344640

Ion Ratio Lower Upper

149 100

167 27.0 24.2 36.2

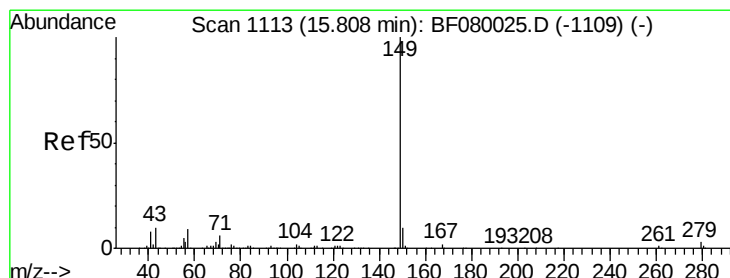
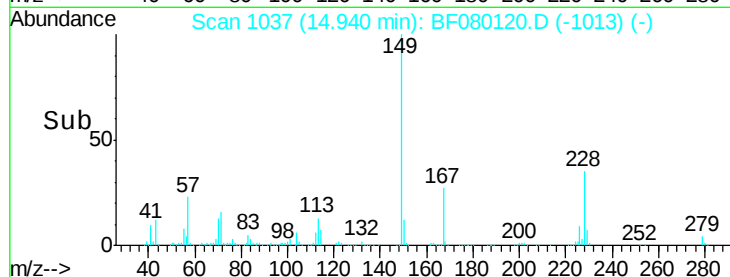
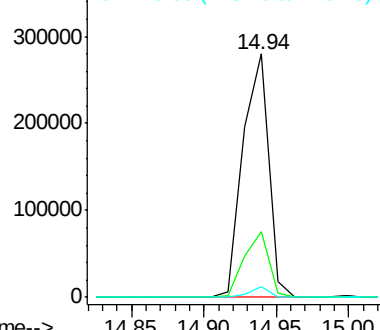
279 4.1 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.79 ng

RT: 15.79 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF080120.D

Acq: 23 Jun 2015 5:49

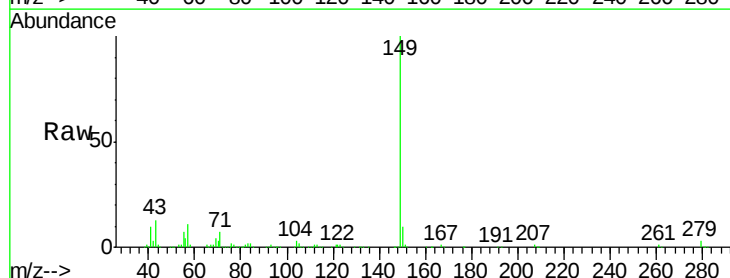
Tgt Ion:149 Resp: 591531

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

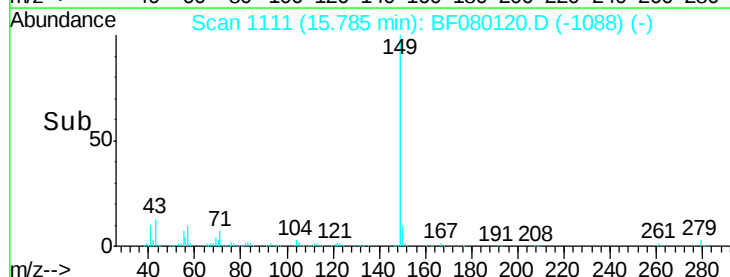
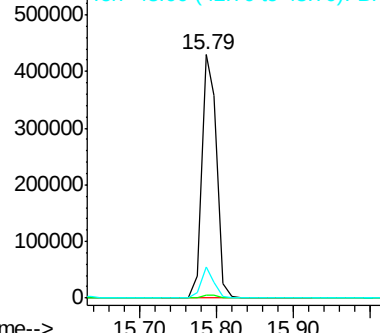
43 11.0 10.2 15.2

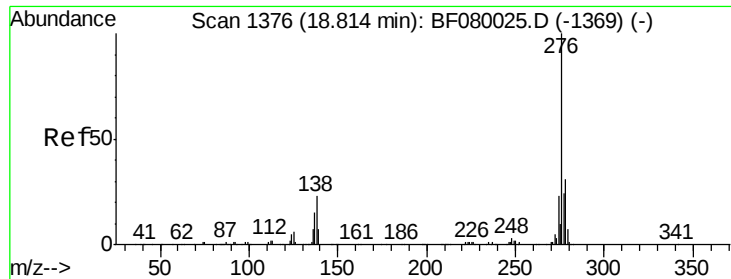


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

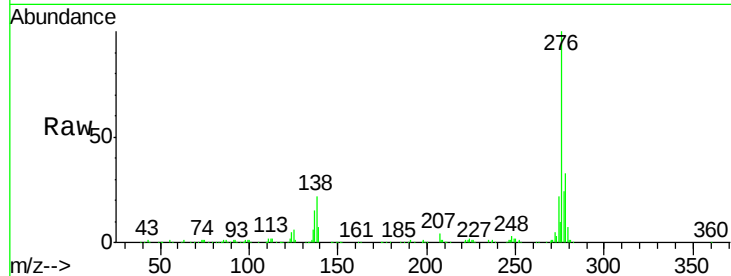




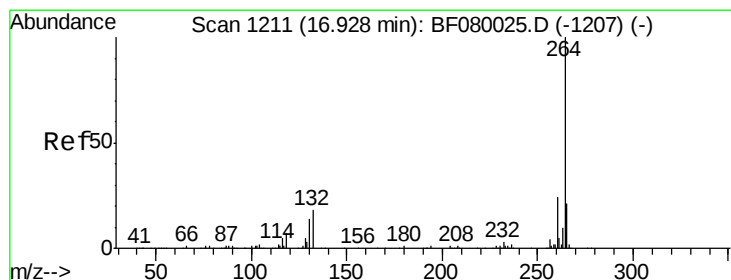
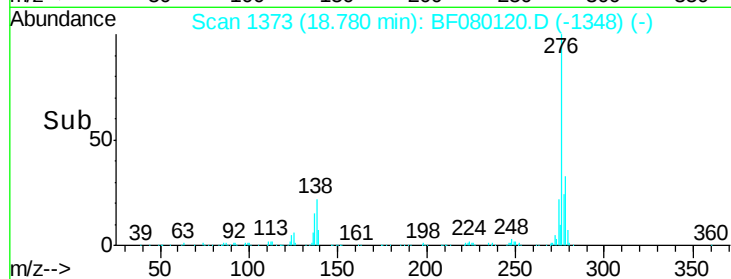
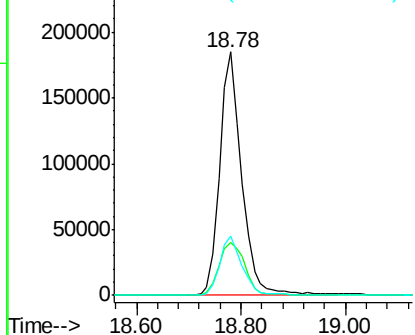
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.20 ng
 RT: 18.78 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Instrument :
 BNA_F
 ClientSampleId :
 76-INFIELD(0-2)-11MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.7	38.5
277	25.1	15.6	23.4

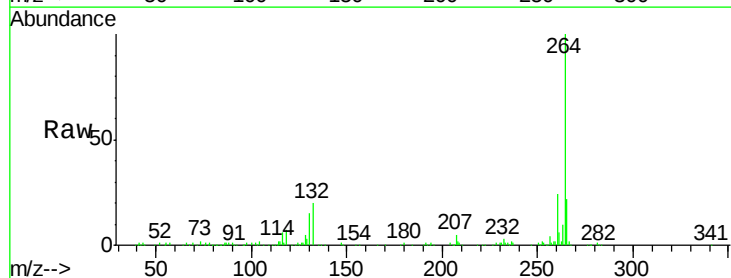


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

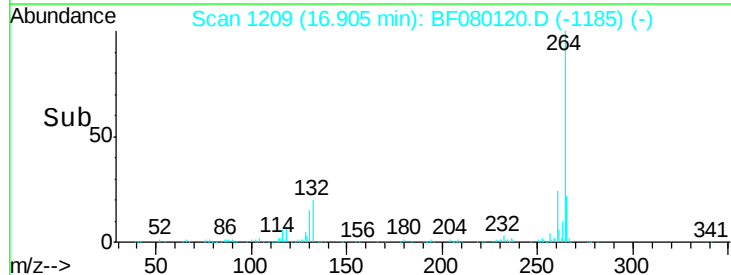
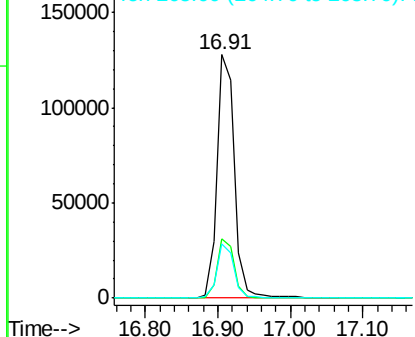


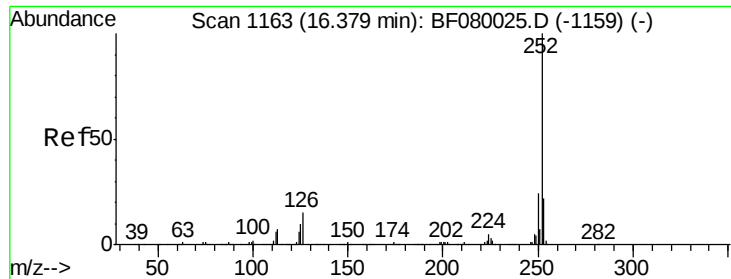
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.91 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF080120.D
 Acq: 23 Jun 2015 5:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	22.4	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

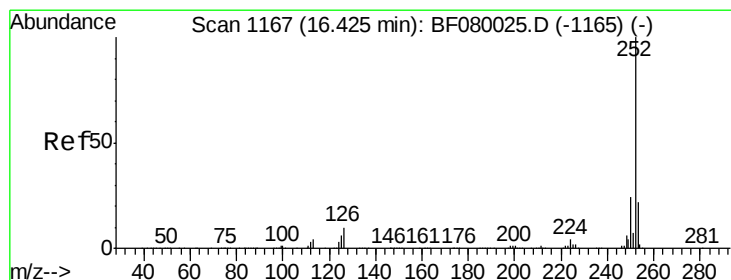
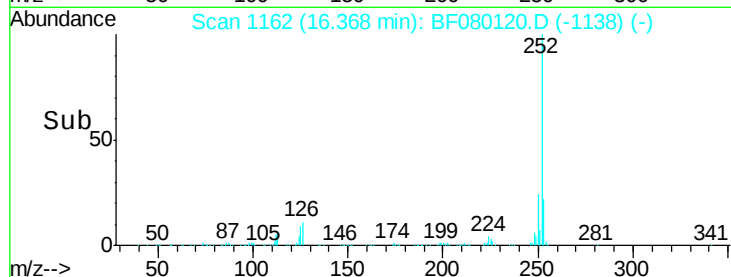
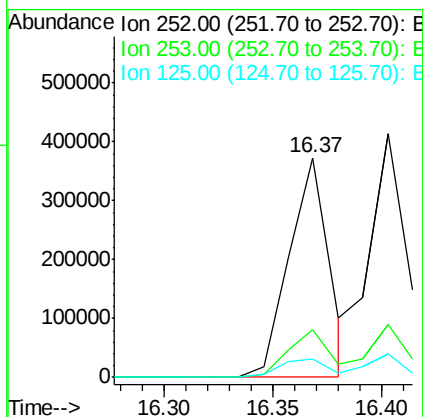
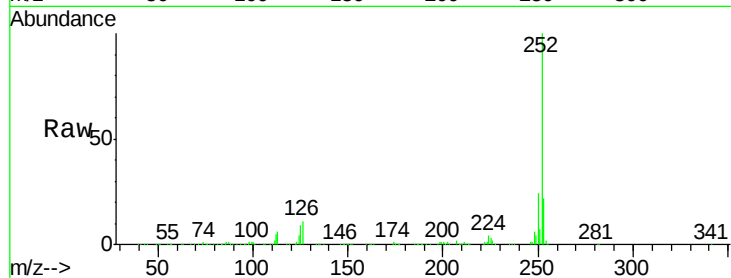




#87
Benzo(b)fluoranthene
Concen: 37.09 ng
RT: 16.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

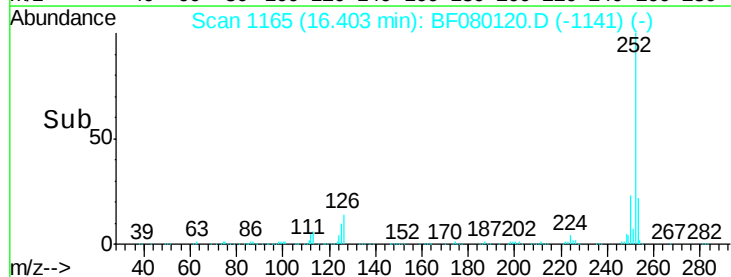
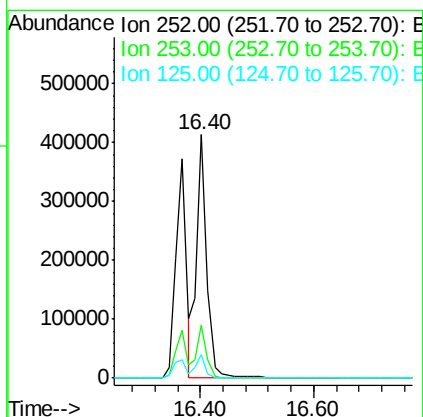
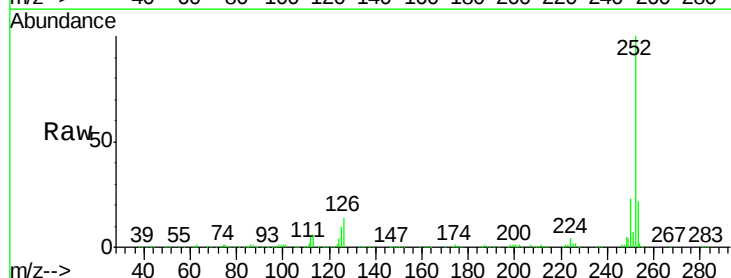
Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

Tgt Ion:252 Resp: 477824
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.6 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 38.99 ng
RT: 16.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion:252 Resp: 511490
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.6 16.0 24.0#

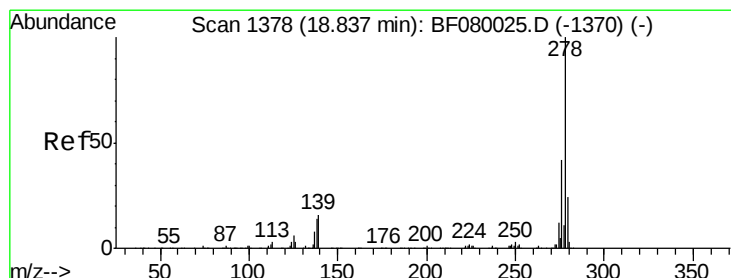
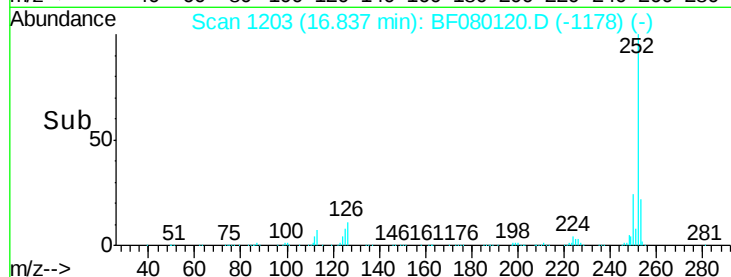
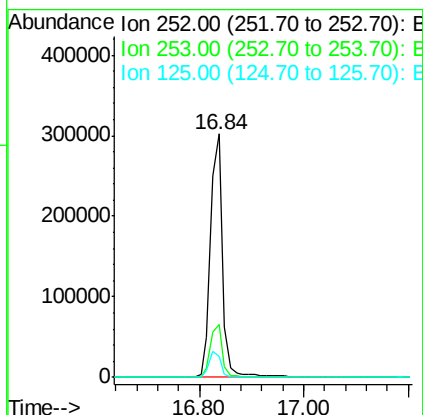
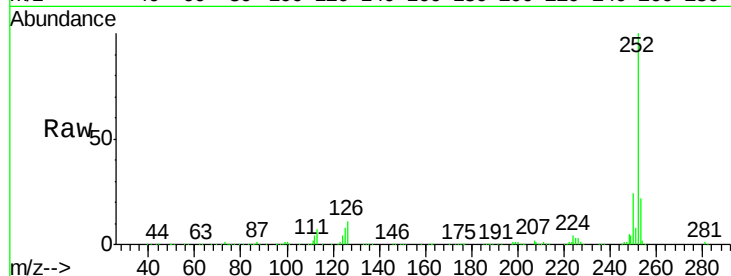




#89
Benzo(a)pyrene
Concen: 39.42 ng
RT: 16.84 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

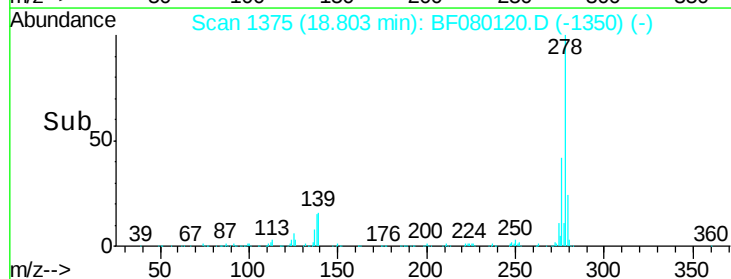
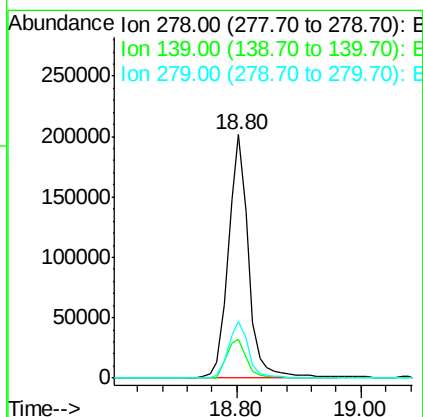
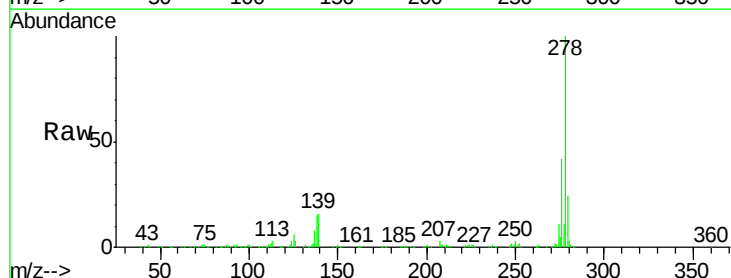
Instrument :
BNA_F
ClientSampleId :
76-INFIELD(0-2)-11MSD

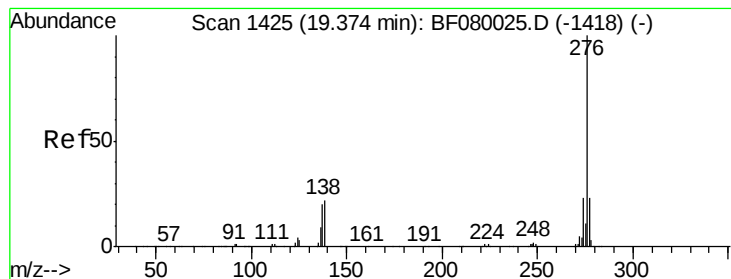
Tgt Ion: 252 Resp: 482198
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.3 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 36.33 ng
RT: 18.80 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF080120.D
Acq: 23 Jun 2015 5:49

Tgt Ion: 278 Resp: 454880
Ion Ratio Lower Upper
278 100
139 16.1 26.3 39.5#
279 23.6 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 36.26 ng

RT: 19.34 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF080120.D

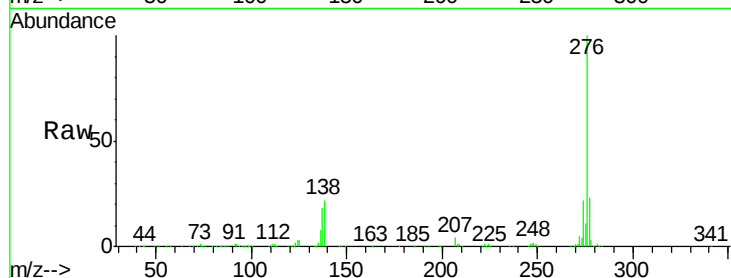
Acq: 23 Jun 2015 5:49

Instrument :

BNA_F

ClientSampleId :

76-INFIELD(0-2)-11MSD



Tgt Ion:	276	Resp:	458358
Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.8	26.6
138	21.6	34.6	51.8#

