

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062615\NEW FOLDER\BF062615\
 Data File : BF080190.D
 Acq On : 26 Jun 2015 15:35
 Operator : TP/IZ
 Sample : G2809-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 09:29:19 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	7.29	152	32056	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	132423	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	68472	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	136835	20.00	ng	-0.05
75) Chrysene-d12	14.80	240	141047	20.00	ng	-0.19
86) Perylene-d12	16.65	264	138025	20.00	ng	-0.27

System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	176825	97.64	ng	-0.03
7) Phenol-d6	6.89	99	232968	96.68	ng	-0.03
23) Nitrobenzene-d5	7.85	82	148535	65.30	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	61717	92.18	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	266600	55.53	ng	-0.03
78) Terphenyl-d14	13.53	244	317176	52.52	ng	-0.14

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	18639	21.65	ng	88
3) Pyridine	3.98	79	61201	26.74	ng	# 84
4) n-Nitrosodimethylamine	3.88	42	31838	29.27	ng	100
6) Aniline	6.95	93	109840	33.13	ng	96
8) 2-Chlorophenol	7.08	128	68970	32.95	ng	91
9) Benzaldehyde	6.84	77	36271	26.07	ng	# 70
10) Phenol	6.92	94	79490	30.23	ng	88
11) bis(2-Chloroethyl)ether	7.01	93	59660	28.59	ng	95
12) 1,3-Dichlorobenzene	7.24	146	74077	29.46	ng	# 91
13) 1,4-Dichlorobenzene	7.32	146	77260	32.31	ng	95
14) 1,2-Dichlorobenzene	7.32	146	77260	33.20	ng	97
15) Benzyl Alcohol	7.42	79	61003	30.96	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.56	45	102287	33.03	ng	89
17) 2-Methylphenol	7.52	107	51021	28.54	ng	# 83
18) Hexachloroethane	7.82	117	24094	30.26	ng	# 82
19) n-Nitroso-di-n-propylamine	7.69	70	46481	27.78	ng	# 78
20) 3+4-Methylphenols	7.68	107	73201	31.73	ng	90
22) Acetophenone	7.69	105	98187	31.82	ng	# 83
24) Nitrobenzene	7.88	77	68746	29.28	ng	# 80
25) Isophorone	8.10	82	132683	28.98	ng	# 84
26) 2-Nitrophenol	8.20	139	31821	32.38	ng	# 79
27) 2,4-Dimethylphenol	8.22	122	60466	29.51	ng	# 84
28) bis(2-Chloroethoxy)methane	8.31	93	84576	31.45	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	58384	33.27	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	65104	32.67	ng	99
31) Naphthalene	8.61	128	209667	30.28	ng	99
32) Benzoic acid	8.26	122	8878	7.17	ng	# 61
33) 4-Chloroaniline	8.64	127	105259	35.52	ng	# 84
34) Hexachlorobutadiene	8.73	225	34848	28.40	ng	98
35) Caprolactam	8.97	113	16079	28.23	ng	# 79
36) 4-Chloro-3-methylphenol	9.11	107	56879	28.73	ng	# 72
37) 2-Methylnaphthalene	9.30	142	148742	33.21	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	63247	31.74	ng	99
40) Hexachlorocyclopentadiene	9.46	237	50880	52.00	ng	96

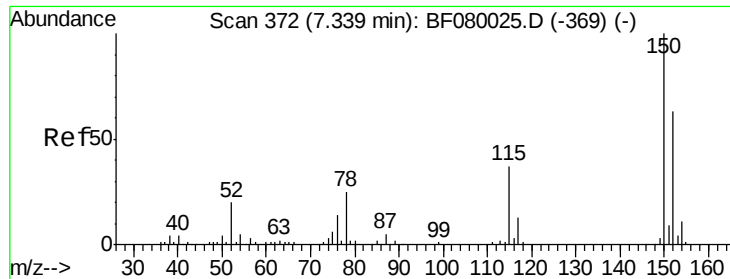
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062615\NEW FOLDER\BF062615\
 Data File : BF080190.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	44933	33.14	nq	99
43) 2,4,5-Trichlorophenol	9.61	196	45769	29.30	nq	# 93
45) 1,1'-Biphenyl	9.76	154	160285	28.77	nq	92
46) 2-Chloronaphthalene	9.80	162	138630	30.67	nq	95
47) 2-Nitroaniline	9.88	65	37005	29.82	nq	# 61
48) Acenaphthylene	10.22	152	229569	30.43	nq	98
49) Dimethylphthalate	10.05	163	187415	36.41	nq	# 97
50) 2,6-Dinitrotoluene	10.12	165	32485	31.48	nq	# 60
51) Acenaphthene	10.39	154	138889	30.09	nq	91
52) 3-Nitroaniline	10.29	138	36104	30.32	nq	# 59
53) 2,4-Dinitrophenol	10.40	184	17638	44.76	nq	# 19
54) Dibenzofuran	10.56	168	199035	30.39	nq	# 90
55) 4-Nitrophenol	10.44	139	60822	63.91	nq	# 65
56) 2,4-Dinitrotoluene	10.53	165	47103	35.97	nq	# 92
57) Fluorene	10.90	166	151415	29.14	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	37638	28.54	nq	98
59) Diethylphthalate	10.76	149	150849	29.10	nq	97
60) 4-Chlorophenyl-phenylether	10.89	204	74493	29.83	nq	# 88
61) 4-Nitroaniline	10.90	138	38937	31.66	nq	# 59
62) Azobenzene	11.05	77	160714	30.46	nq	87
64) 4,6-Dinitro-2-methylphenol	10.94	198	18317	31.07	nq	93
65) n-Nitrosodiphenylamine	11.01	169	143903	32.30	nq	93
66) 4-Bromophenyl-phenylether	11.40	248	43096	29.62	nq	# 82
67) Hexachlorobenzene	11.48	284	46135	28.53	nq	# 76
68) Atrazine	11.53	200	38076	27.05	nq	83
69) Pentachlorophenol	11.66	266	48942	53.41	nq	99
70) Phenanthrene	11.89	178	246437	29.75	nq	97
71) Anthracene	11.94	178	236466	29.64	nq	99
72) Carbazole	12.09	167	215656	28.32	nq	97
73) Di-n-butylphthalate	12.41	149	241009	27.39	nq	# 98
74) Fluoranthene	13.13	202	253928	28.78	nq	95
76) Benzidine	13.26	184	238024	60.37	nq	97
77) Pyrene	13.40	202	271539	31.27	nq	97
79) Butylbenzylphthalate	14.08	149	107416	30.80	nq	97
80) Benzo(a)anthracene	14.79	228	262750	30.58	nq	97
81) 3,3'-Dichlorobenzidine	14.73	252	88693	29.93	nq	# 92
82) Chrysene	14.84	228	235214	29.69	nq	95
83) Bis(2-ethylhexyl)phthalate	14.77	149	154754	28.08	nq	95
84) Di-n-octyl phthalate	15.56	149	254192	26.91	nq	96
85) Indeno(1,2,3-cd)pyrene	18.48	276	281678	28.19	nq	# 89
87) Benzo(b)fluoranthene	16.12	252	256818	30.73	nq	# 89
88) Benzo(k)fluoranthene	16.15	252	245008	28.79	nq	# 90
89) Benzo(a)pyrene	16.57	252	243499	30.68	nq	# 87
90) Dibenzo(a,h)anthracene	18.51	278	236438	29.11	nq	# 81
91) Benzo(g,h,i)perylene	19.03	276	241622	29.46	nq	# 77

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

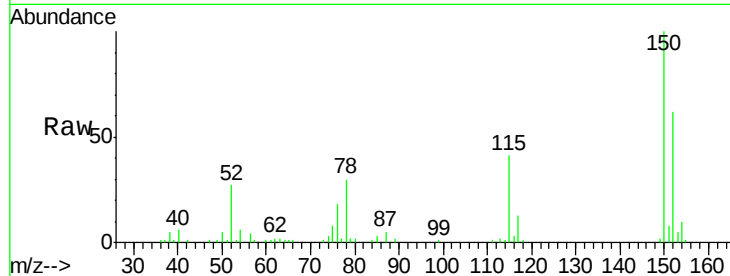


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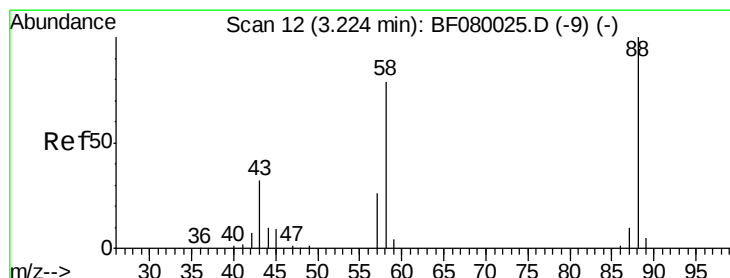
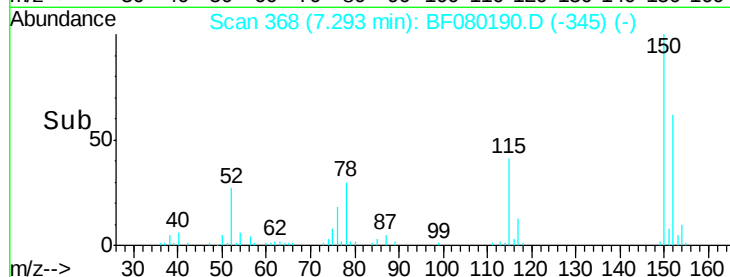
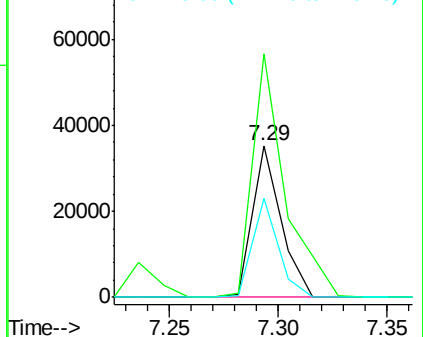
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 32056
Ion Ratio Lower Upper
152 100
150 160.8 124.7 187.1
115 65.8 39.0 58.4#



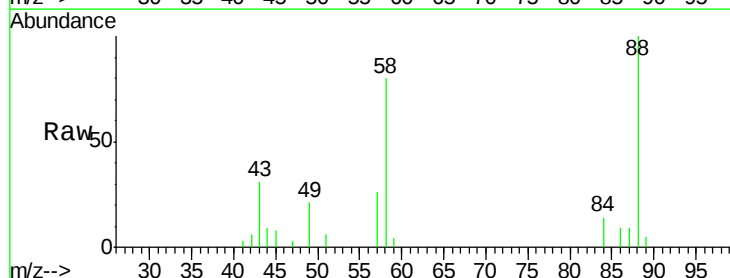
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



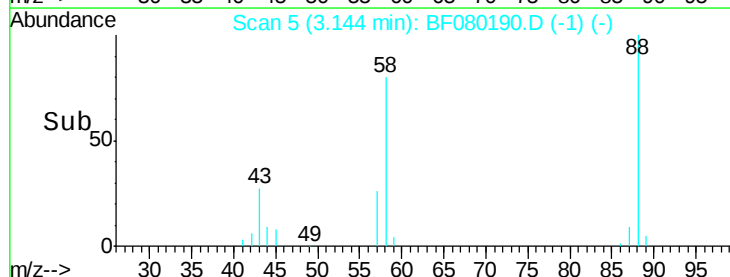
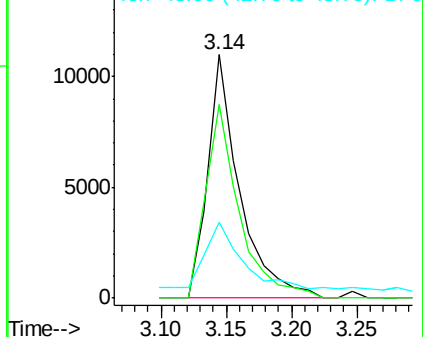
#2

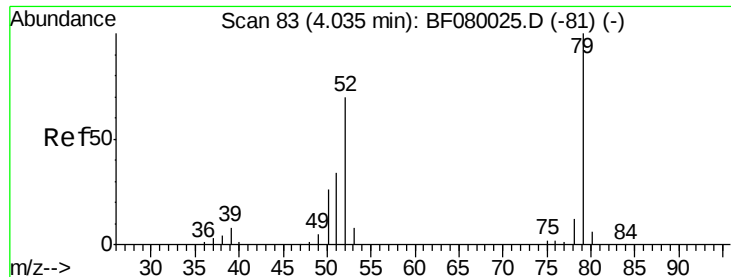
1,4-Dioxane
Concen: 21.65 ng
RT: 3.14 min Scan# 5
Delta R.T. -0.05 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion: 88 Resp: 18639
Ion Ratio Lower Upper
88 100
58 83.6 77.7 116.5
43 29.5 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

Pvridine

Concen: 26.74 ng

RT: 3.98 min Scan# 78

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

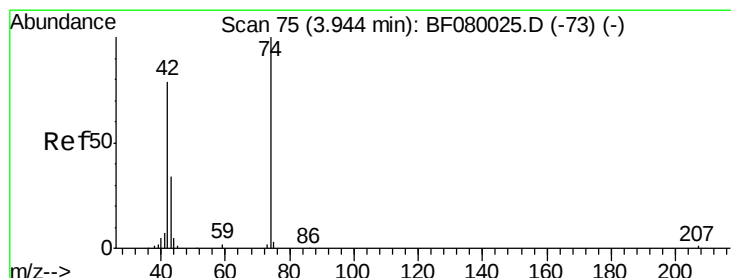
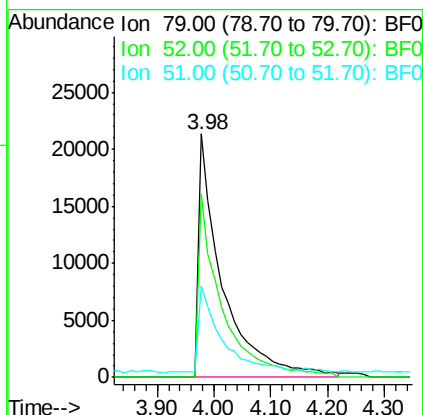
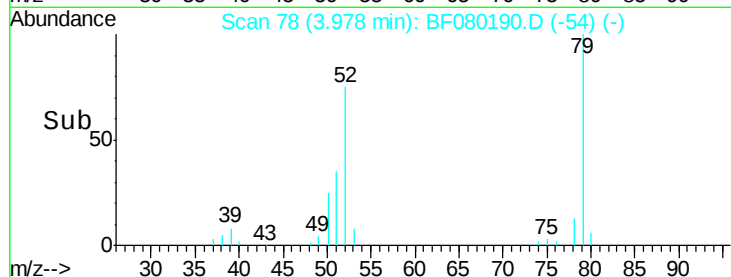
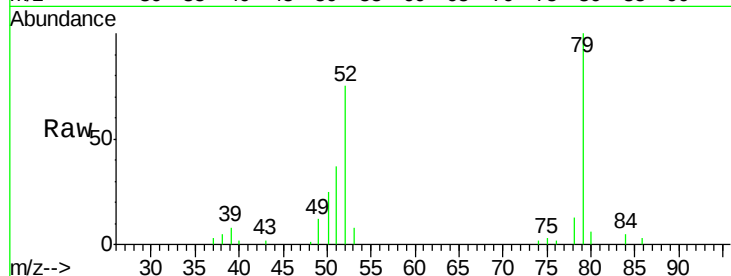
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 61201

Ion	Ratio	Lower	Upper
79	100		
52	75.5	76.8	115.2#
51	37.3	32.2	48.4



#4

n-Nitrosodimethylamine

Concen: 29.27 ng

RT: 3.88 min Scan# 69

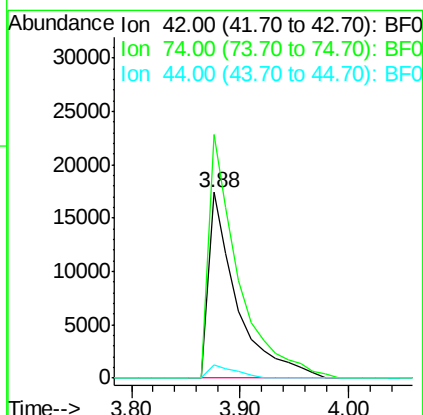
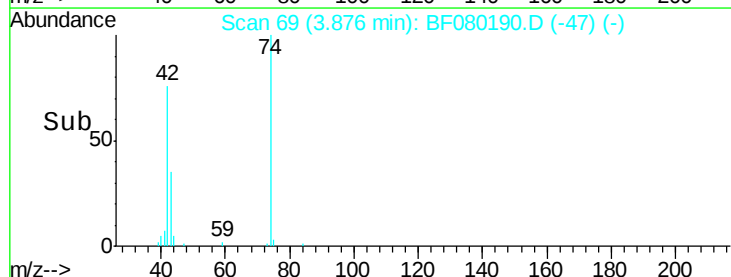
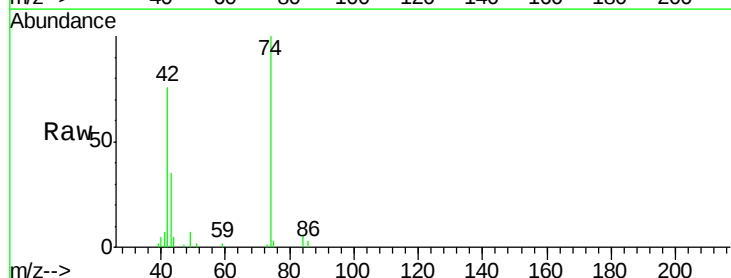
Delta R.T. -0.05 min

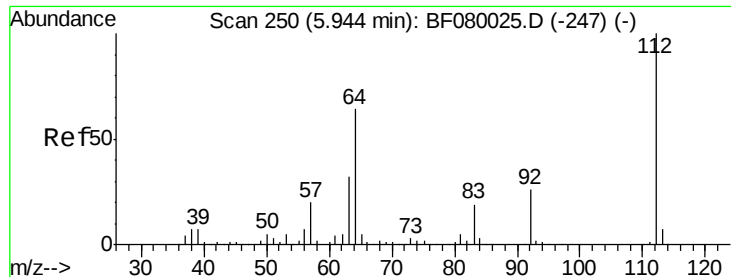
Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion: 42 Resp: 31838

Ion	Ratio	Lower	Upper
42	100		
74	131.2	105.0	157.6
44	7.1	6.6	10.0





#5

2-Fluorophenol

Concen: 97.64 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampled :

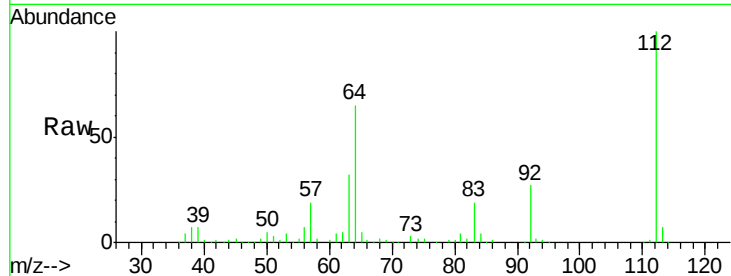
Tot Ion: 112 Resp: 176825

Ion Ratio Lower Upper

112 100

64 65.5 39.7 59.5#

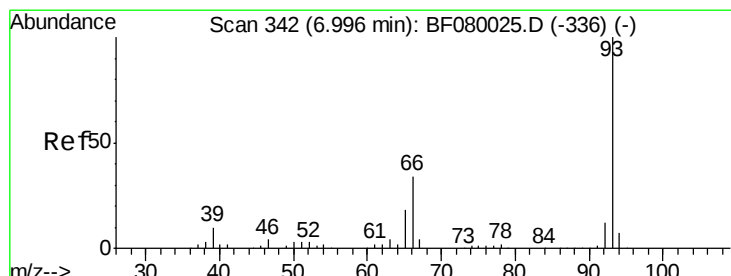
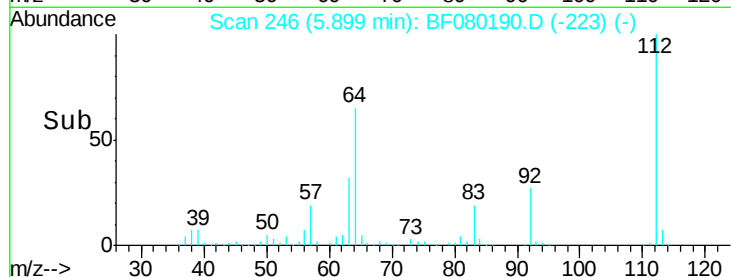
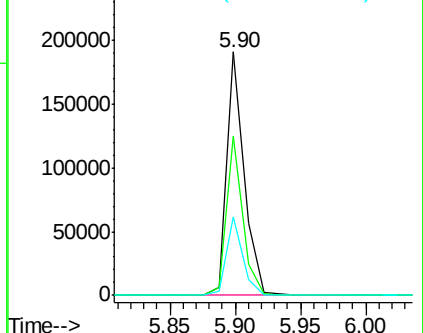
63 32.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.13 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

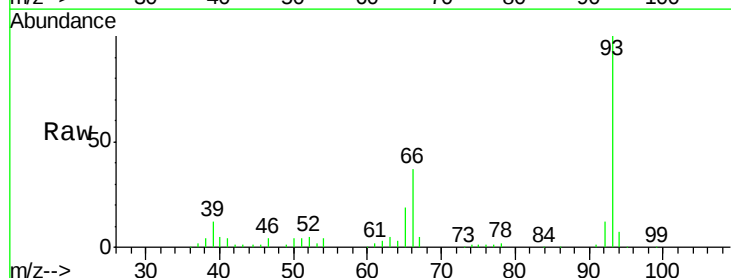
Tgt Ion: 93 Resp: 109840

Ion Ratio Lower Upper

93 100

66 36.7 27.2 40.8

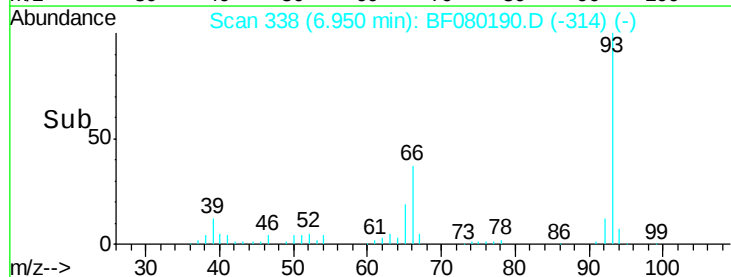
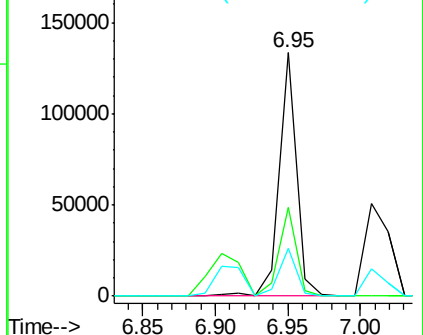
65 19.4 14.7 22.1

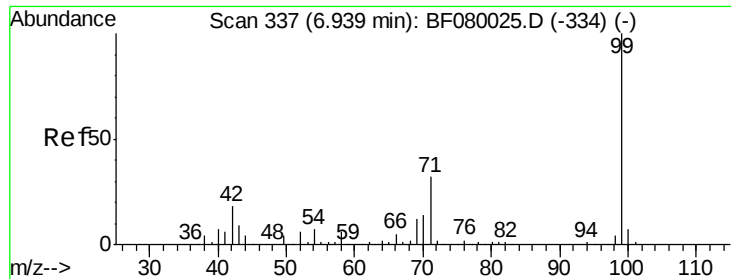


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.68 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampled :

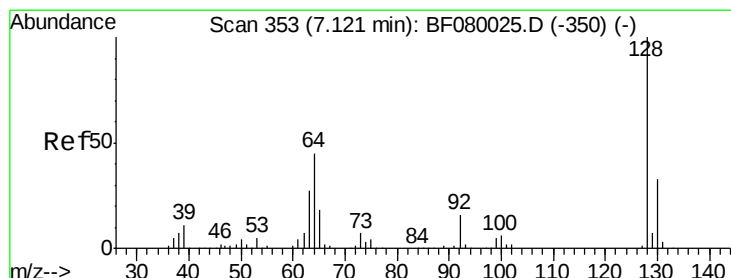
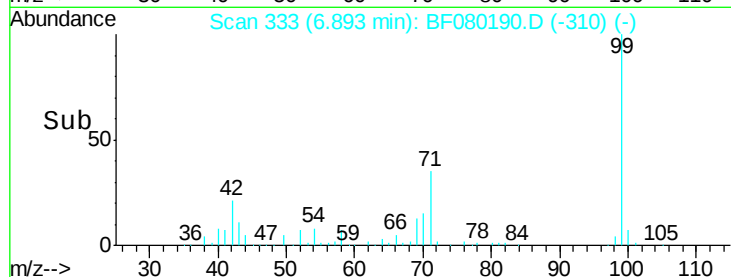
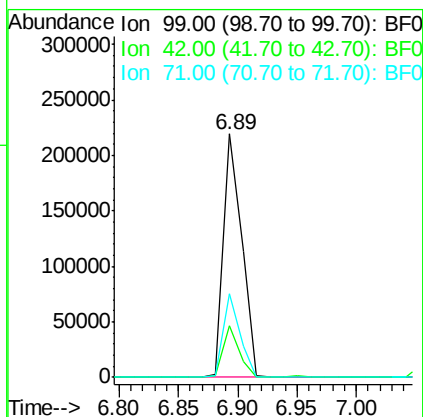
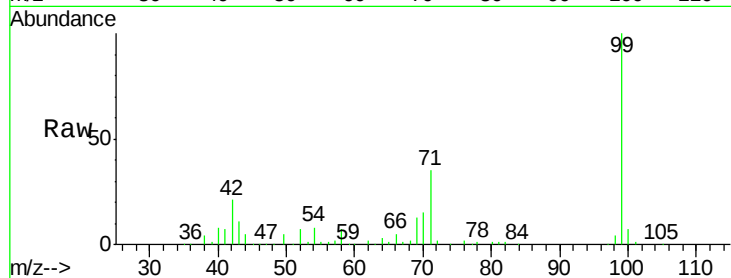
Tot Ion: 99 Resp: 232968

Ion Ratio Lower Upper

99 100

42 21.0 13.7 20.5#

71 34.5 14.2 21.2#



#8

2-Chlorophenol

Concen: 32.95 ng

RT: 7.08 min Scan# 349

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

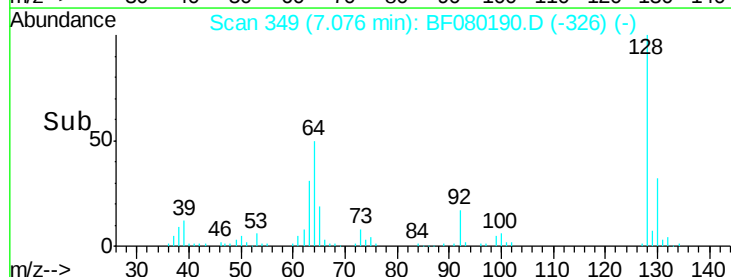
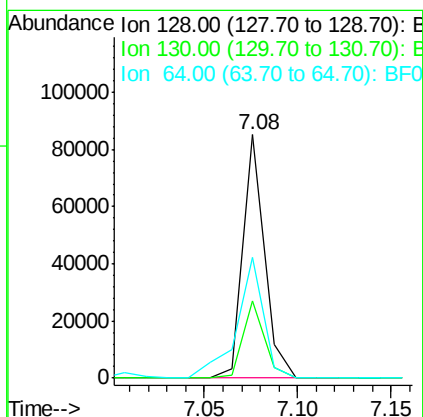
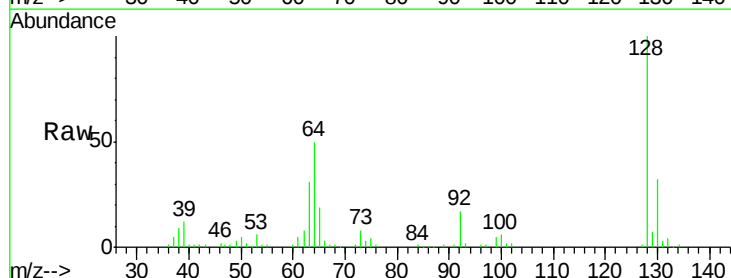
Tgt Ion: 128 Resp: 68970

Ion Ratio Lower Upper

128 100

130 31.8 12.2 52.2

64 49.8 20.5 60.5





#9

Benzaldehyde

Concen: 26.07 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampled :

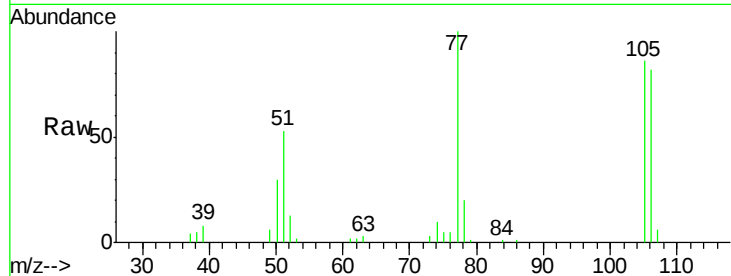
Tot Ion: 77 Resp: 36271

Ion Ratio Lower Upper

77 100

105 86.0 91.6 131.6#

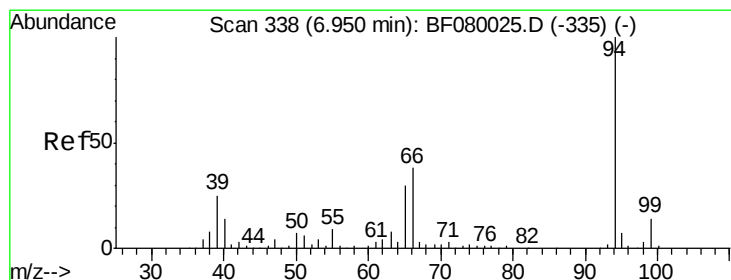
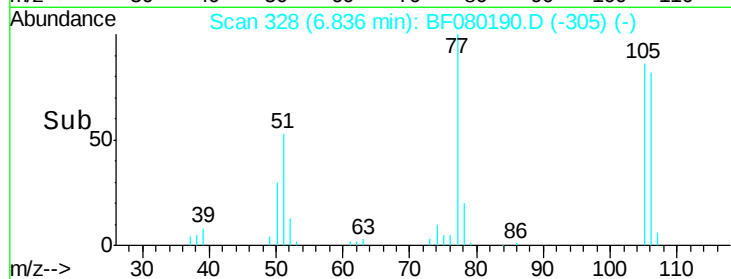
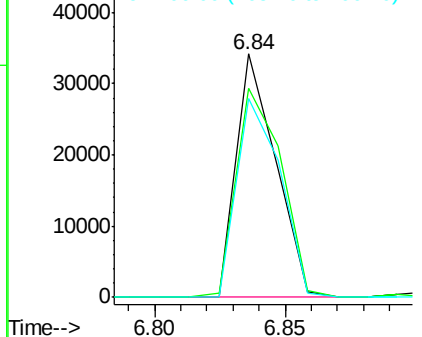
106 81.8 102.6 142.6#



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: 30.23 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

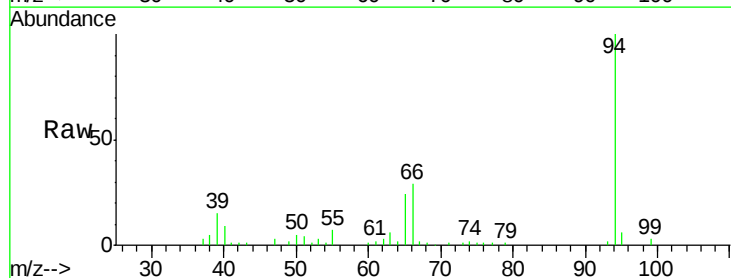
Tgt Ion: 94 Resp: 79490

Ion Ratio Lower Upper

94 100

65 24.0 0.7 40.7

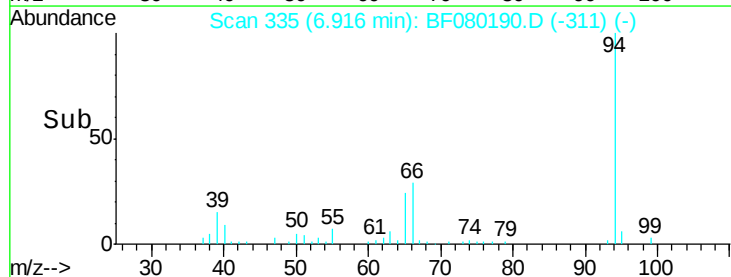
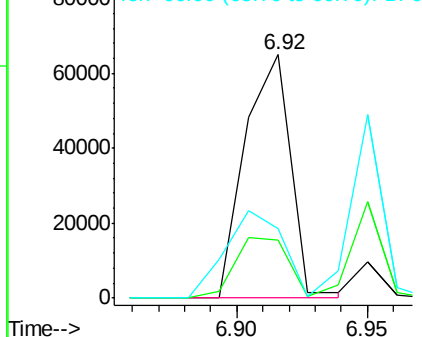
66 28.6 0.8 40.8



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

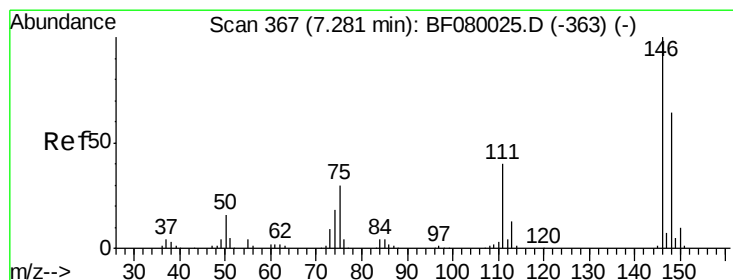
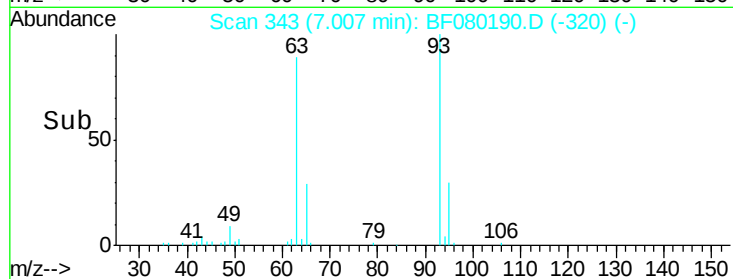
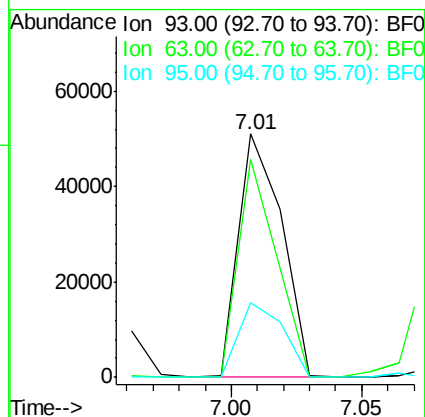
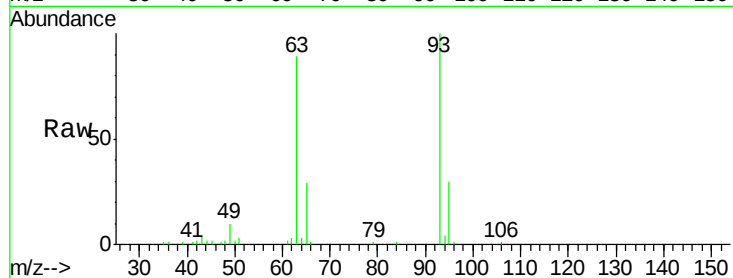




#11
bis(2-Chloroethyl)ether
Concen: 28.59 ng
RT: 7.01 min Scan# 343
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

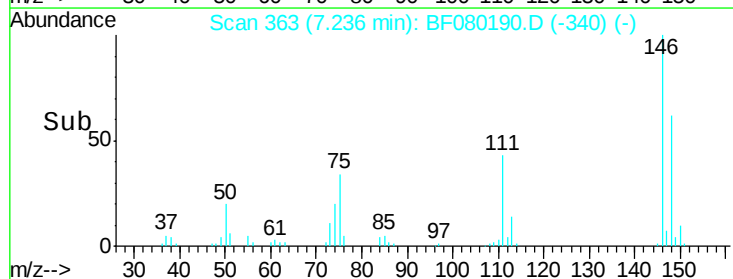
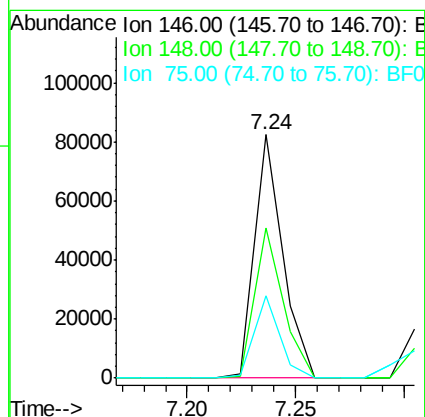
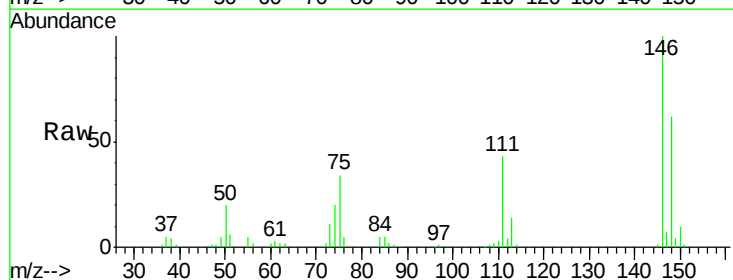
Instrument :
BNA_F
ClientSampleId :

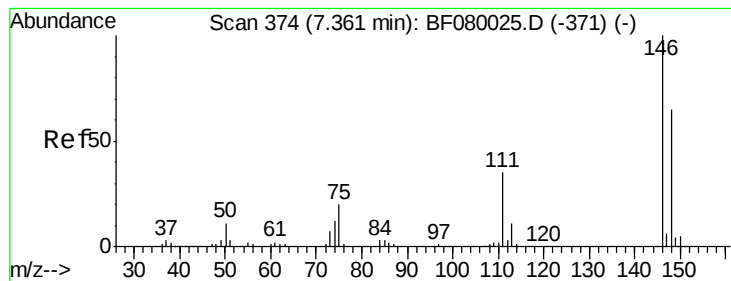
Tot Ion: 93 Resp: 59660
Ion Ratio Lower Upper
93 100
63 89.5 65.6 105.6
95 30.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 29.46 ng
RT: 7.24 min Scan# 363
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion: 146 Resp: 74077
Ion Ratio Lower Upper
146 100
148 61.7 51.0 76.4
75 33.6 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 32.31 ng

RT: 7.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

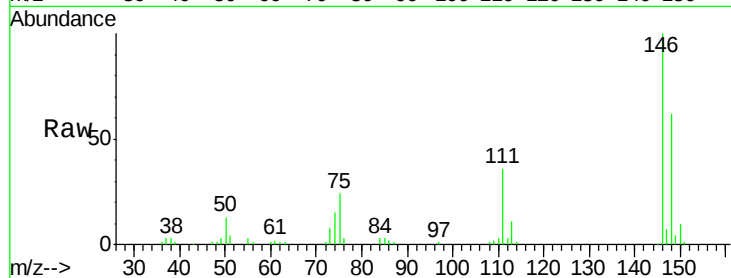
Tot Ion:146 Resp: 77260

Ion Ratio Lower Upper

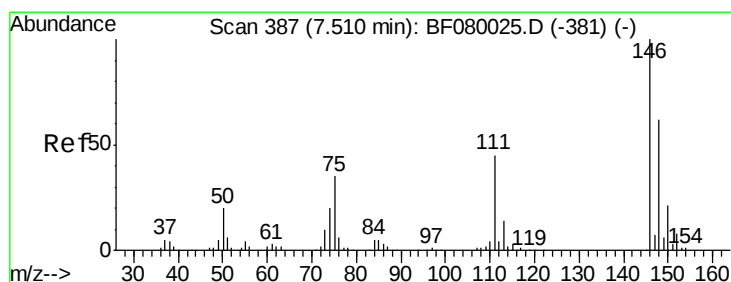
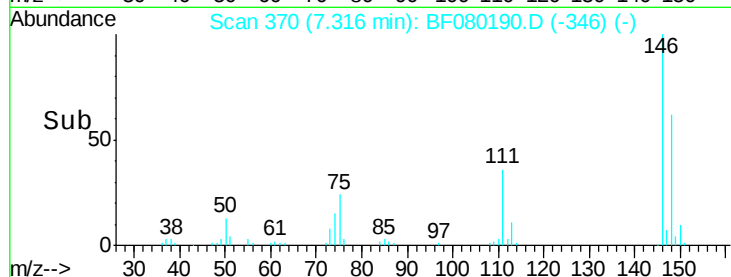
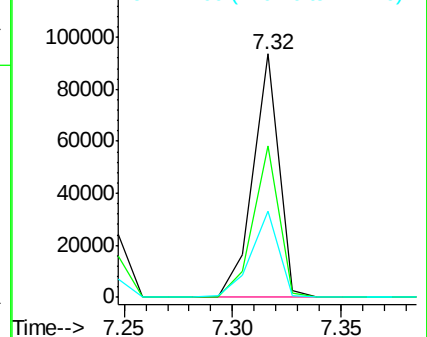
146 100

148 62.0 51.8 77.6

111 35.6 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.20 ng

RT: 7.32 min Scan# 370

Delta R.T. -0.18 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

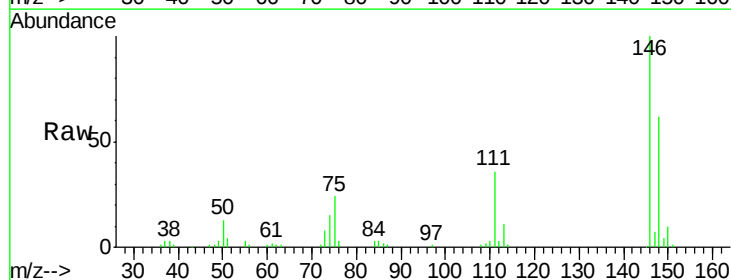
Tgt Ion:146 Resp: 77260

Ion Ratio Lower Upper

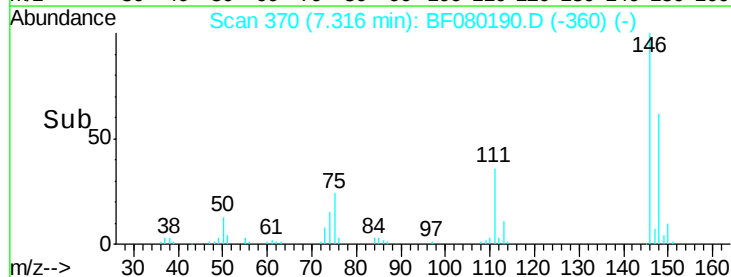
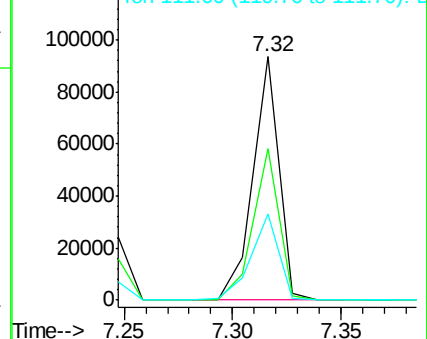
146 100

148 62.0 52.7 79.1

111 35.6 28.8 43.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.96 ng

RT: 7.42 min Scan# 379

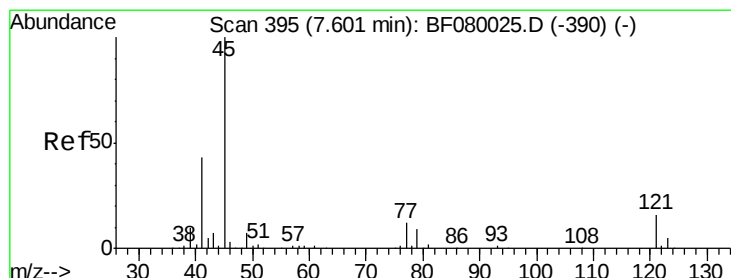
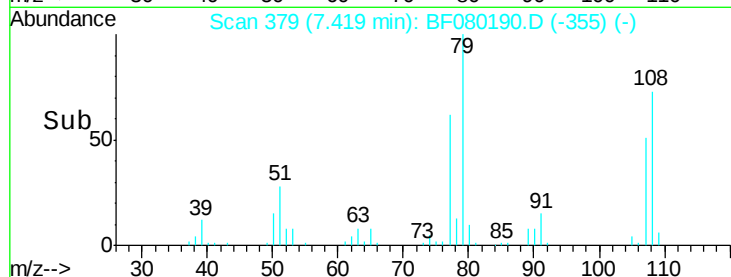
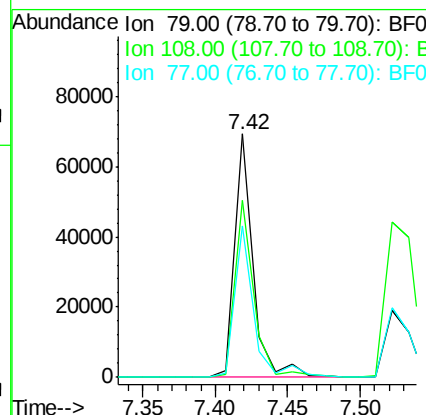
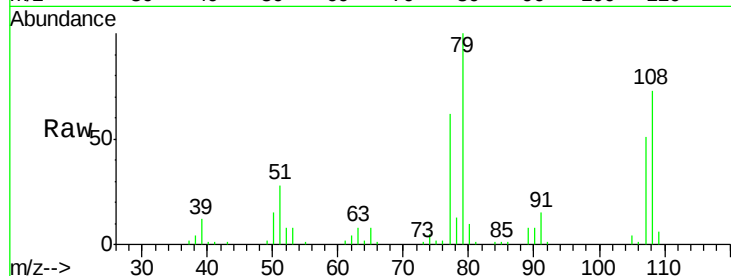
Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 61003
Ion Ratio Lower Upper
79 100
108 72.9 88.6 132.8#
77 62.4 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.03 ng

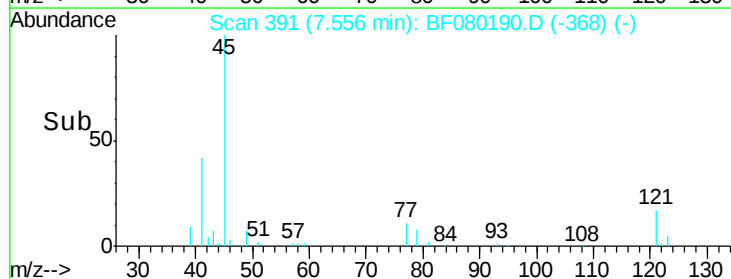
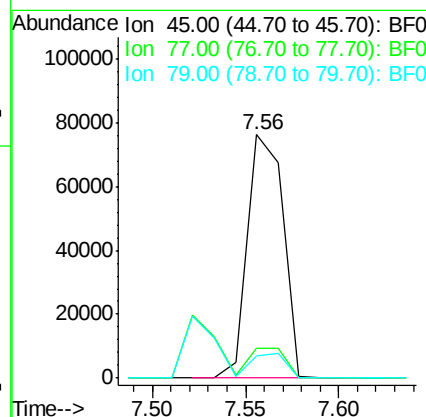
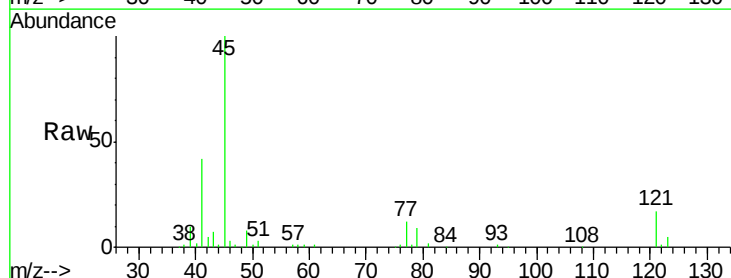
RT: 7.56 min Scan# 391

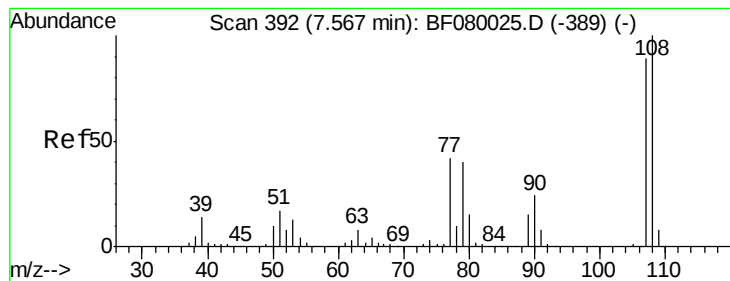
Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion: 45 Resp: 102287
Ion Ratio Lower Upper
45 100
77 12.3 0.0 28.1
79 9.1 0.0 26.0





#17

2-Methylphenol

Concen: 28.54 ng

RT: 7.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 51021

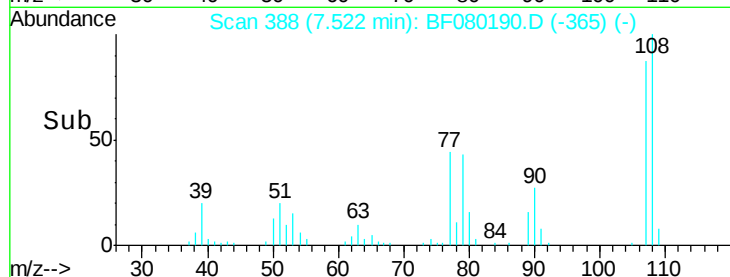
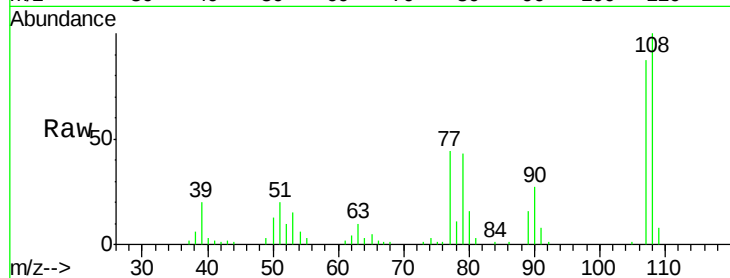
Ion Ratio Lower Upper

107 100

108 115.3 96.6 145.0

77 51.0 23.3 34.9#

79 49.9 22.0 33.0#

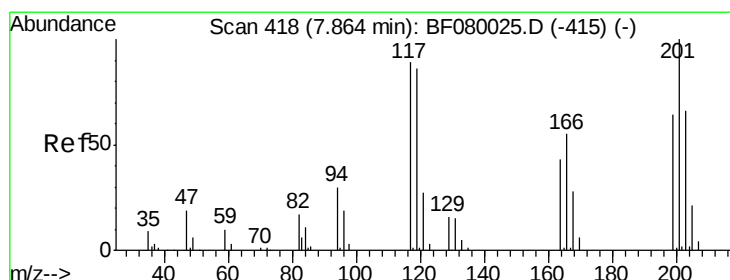
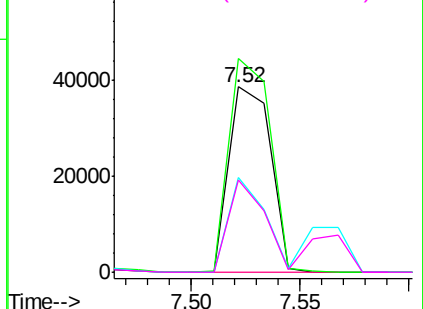


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.26 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

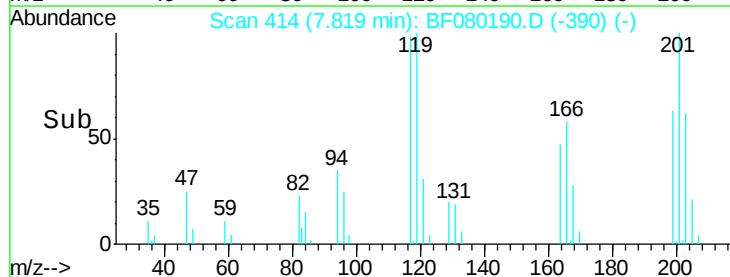
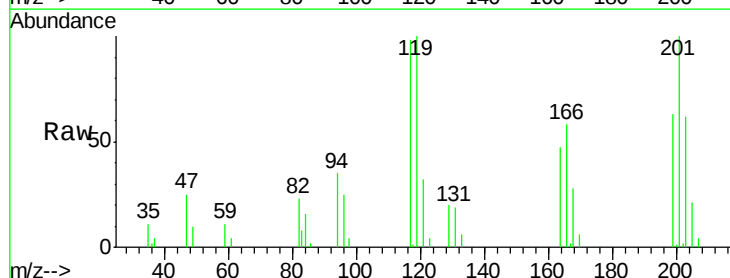
Tgt Ion:117 Resp: 24094

Ion Ratio Lower Upper

117 100

119 102.3 83.8 125.6

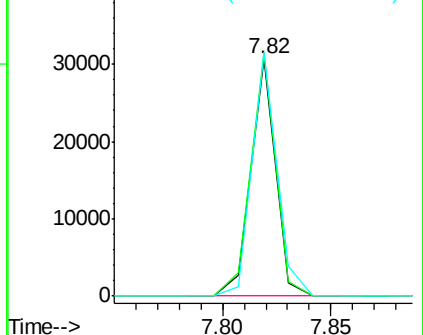
201 102.5 55.1 82.7#



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

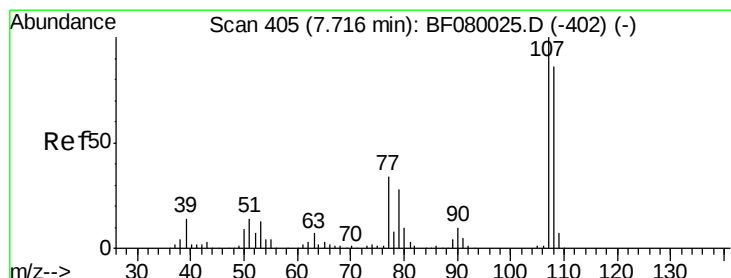
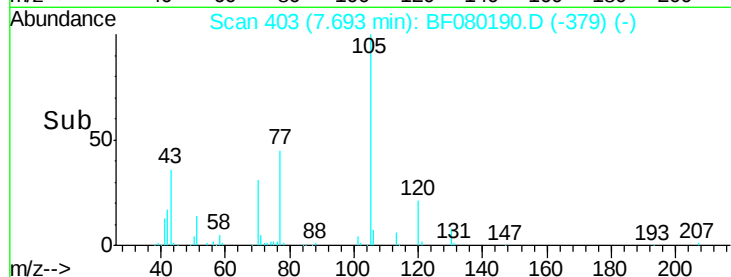
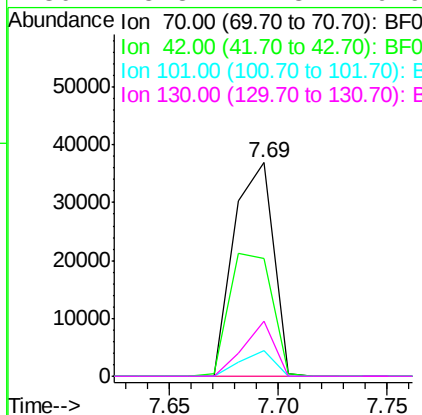
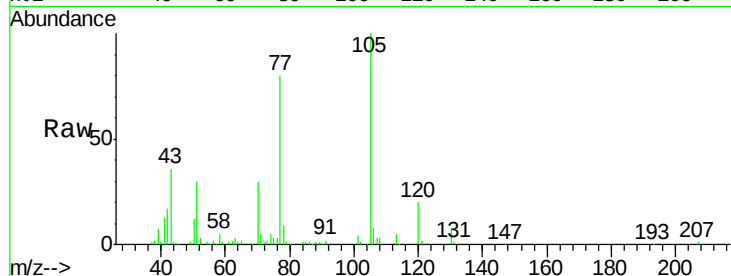




#19
n-Nitroso-di-n-propylamine
Concen: 27.78 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

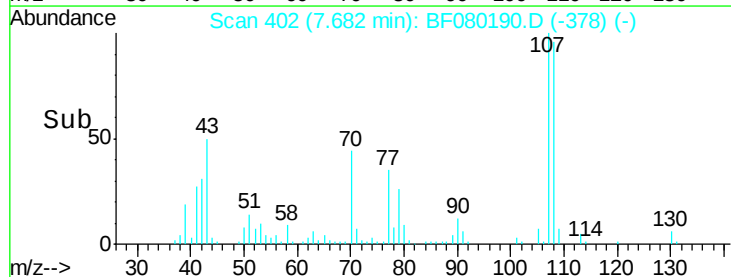
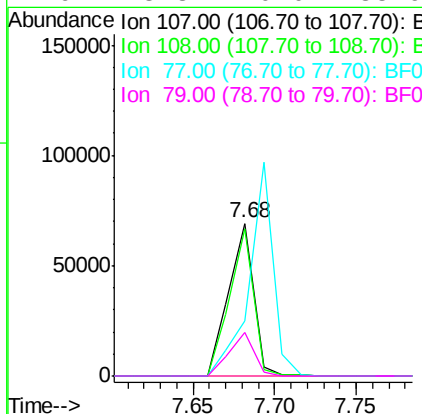
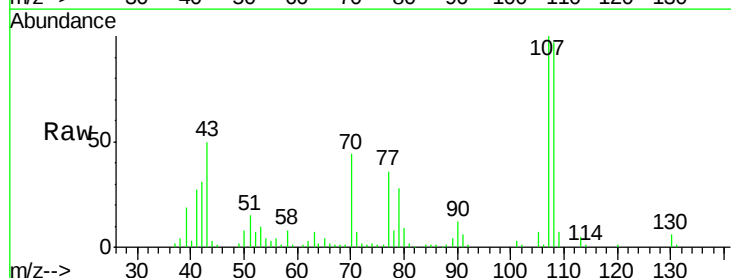
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 46481
Ion Ratio Lower Upper
70 100
42 54.9 63.8 95.6#
101 12.0 9.2 13.8
130 25.8 27.3 40.9#



#20
3+4-Methylphenols
Concen: 31.73 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion: 107 Resp: 73201
Ion Ratio Lower Upper
107 100
108 96.7 74.6 114.6
77 36.3 0.7 40.7
79 28.3 0.0 38.9

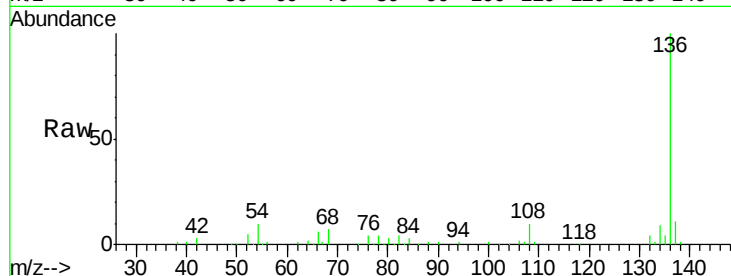




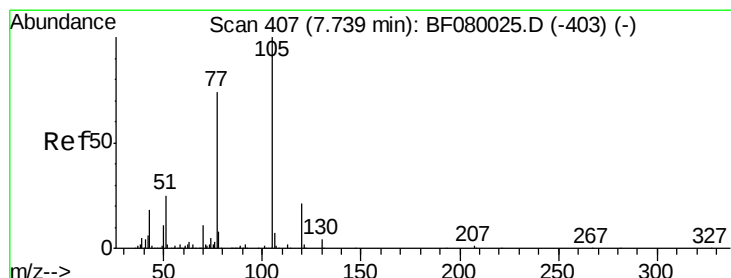
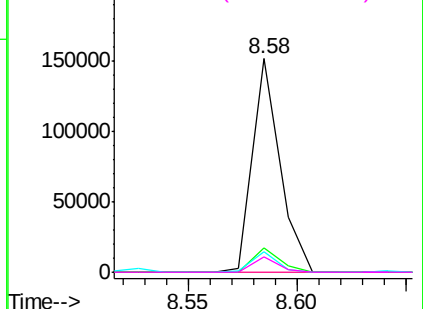
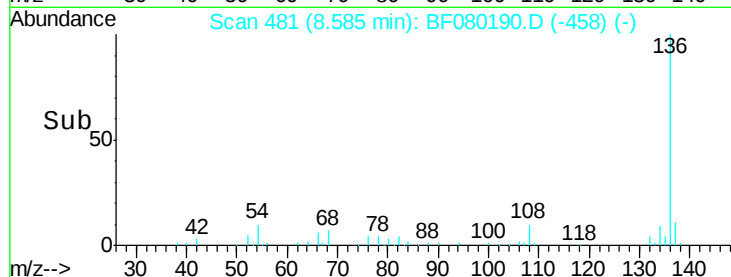
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	132423
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	9.8	8.2 12.2
68	7.4	5.8 8.6

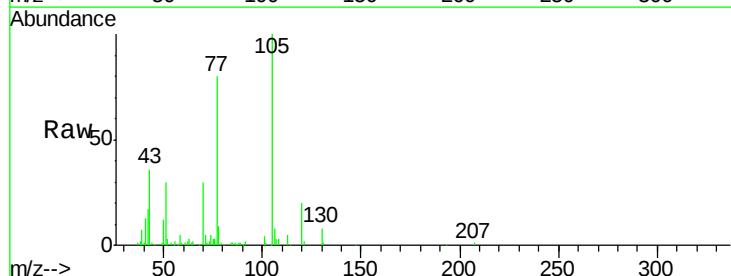


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

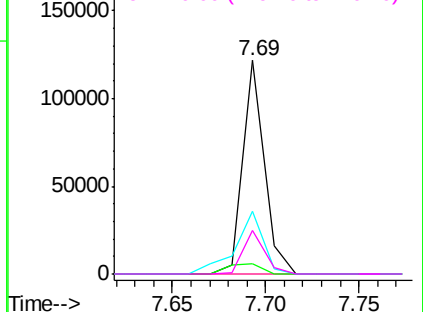
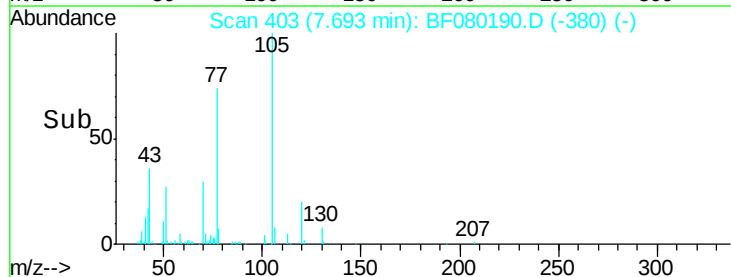


#22
Acetophenone
Concen: 31.82 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion:105	Resp:	98187
Ion Ratio	Lower	Upper
105	100	
71	4.9	4.7 7.1
51	29.6	22.0 33.0
120	20.2	30.1 45.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 65.30 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

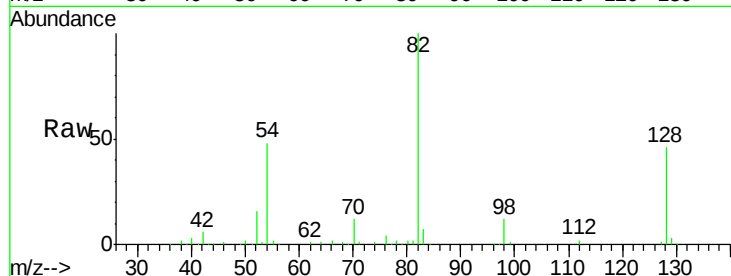
Tot Ion: 82 Resp: 148535

Ion Ratio Lower Upper

82 100

128 45.7 51.0 76.6#

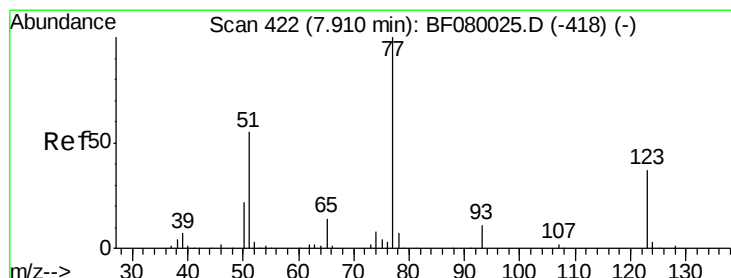
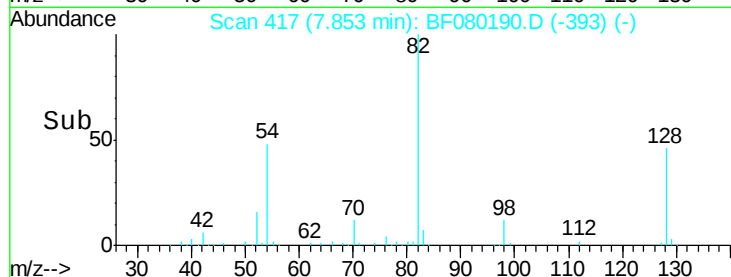
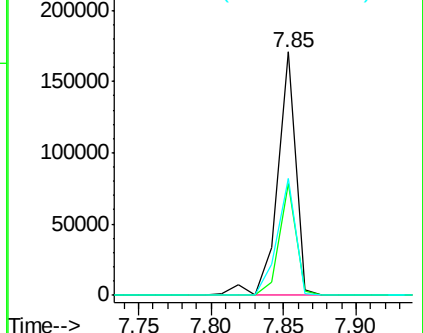
54 48.1 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 29.28 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

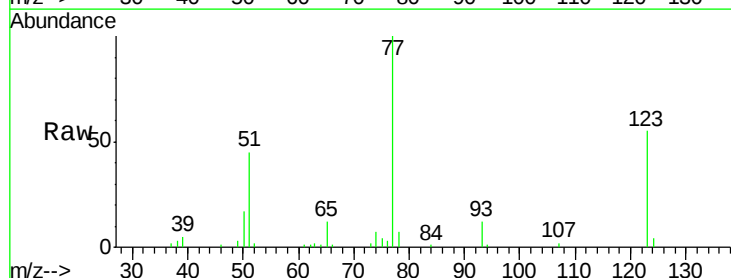
Tgt Ion: 77 Resp: 68746

Ion Ratio Lower Upper

77 100

123 54.7 59.8 89.8#

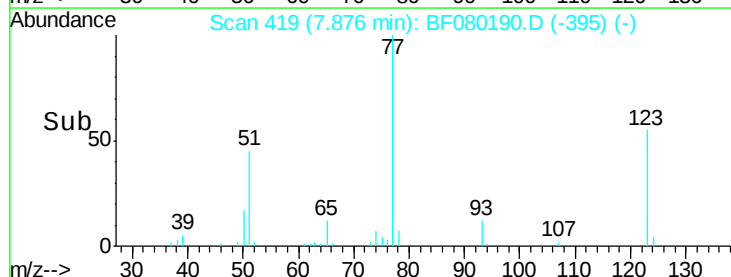
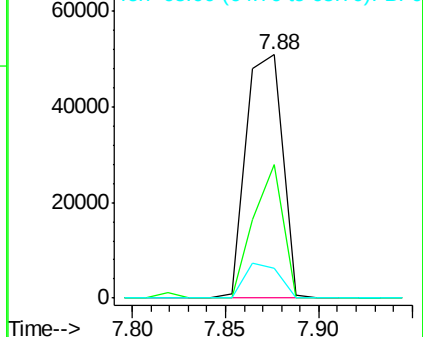
65 12.5 10.2 15.4

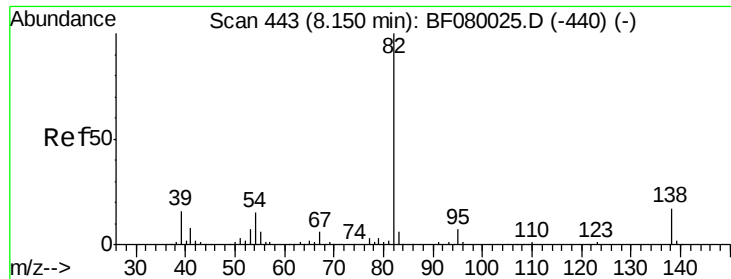


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 28.98 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

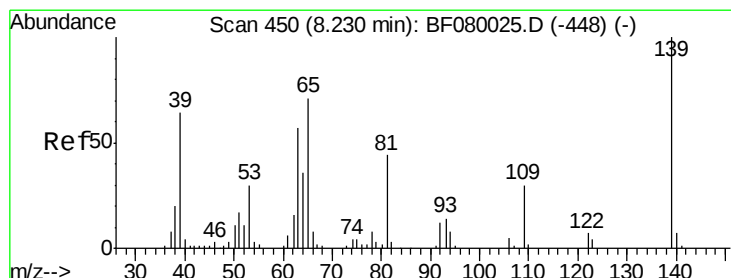
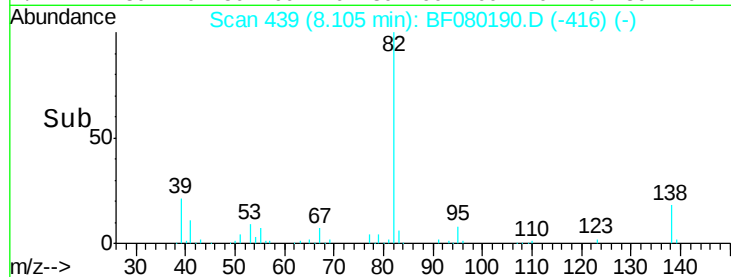
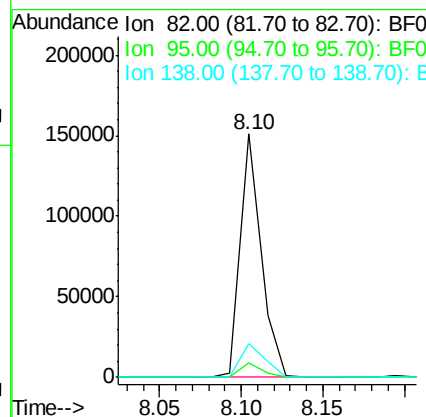
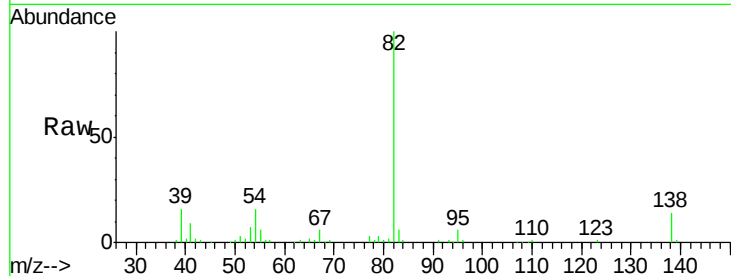
Tot Ion: 82 Resp: 132683

Ion Ratio Lower Upper

82 100

95 6.0 4.0 6.0#

138 13.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 32.38 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

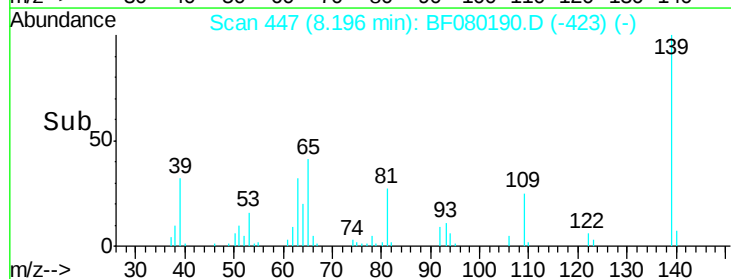
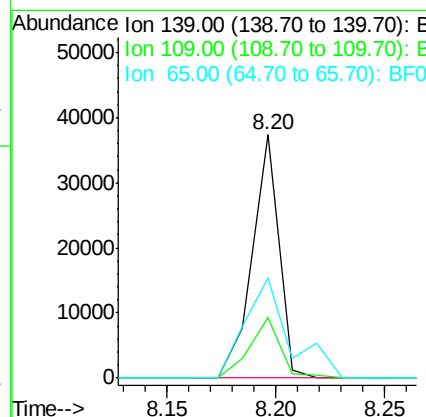
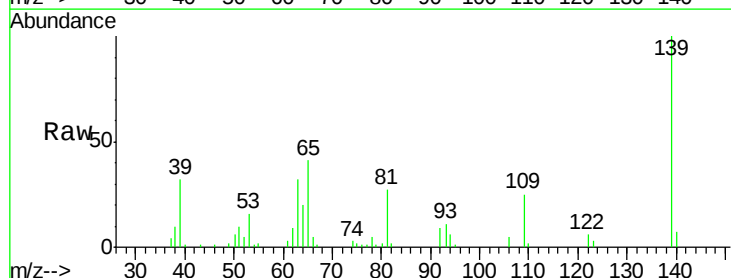
Tgt Ion: 139 Resp: 31821

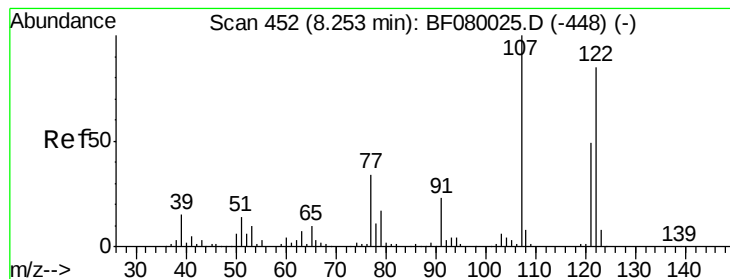
Ion Ratio Lower Upper

139 100

109 25.0 11.0 16.4#

65 41.0 24.7 37.1#

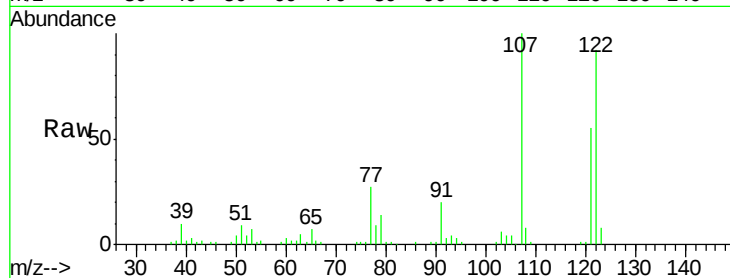




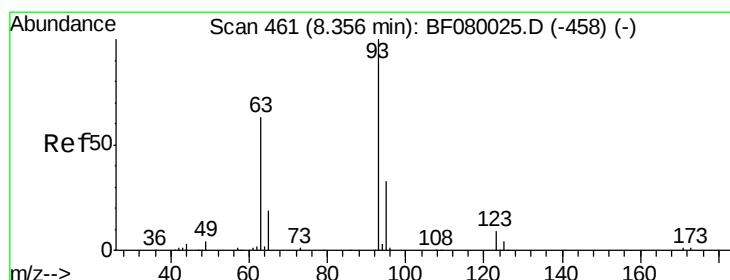
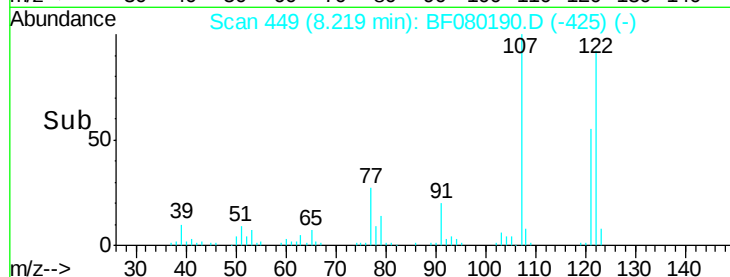
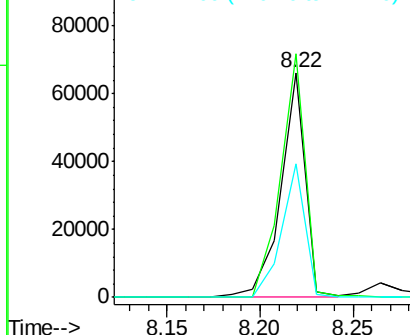
#27
 2,4-Dimethylphenol
 Concen: 29.51 ng
 RT: 8.22 min Scan# 449
 Delta R.T. -0.02 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 60466
 Ion Ratio Lower Upper
 122 100
 107 108.2 71.8 107.6#
 121 59.2 42.3 63.5

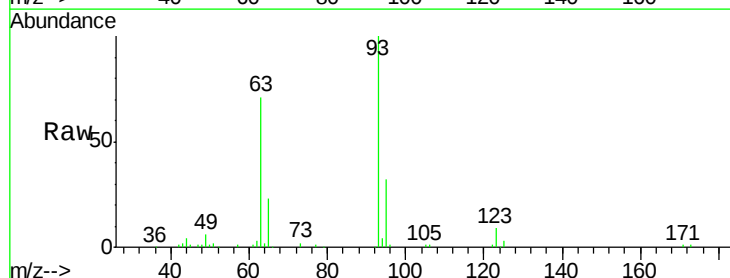


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

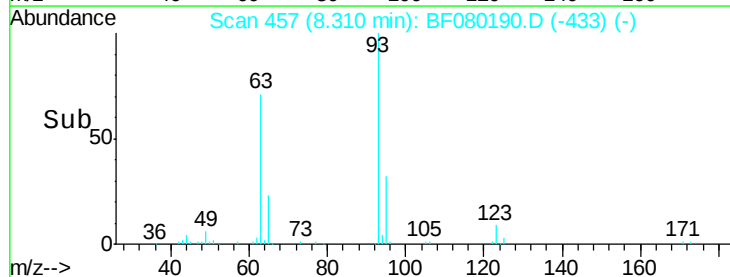
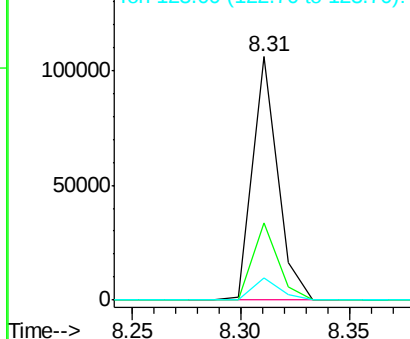


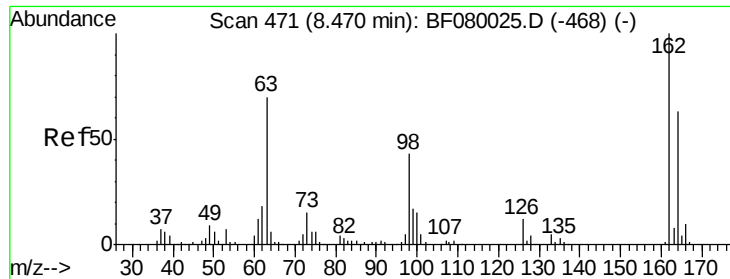
#28
 bis(2-Chloroethoxy)methane
 Concen: 31.45 ng
 RT: 8.31 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion: 93 Resp: 84576
 Ion Ratio Lower Upper
 93 100
 95 31.7 27.5 41.3
 123 9.2 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

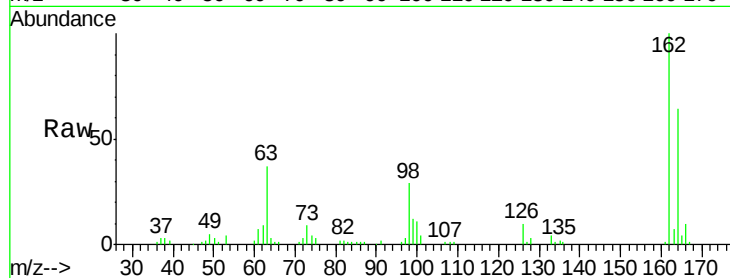




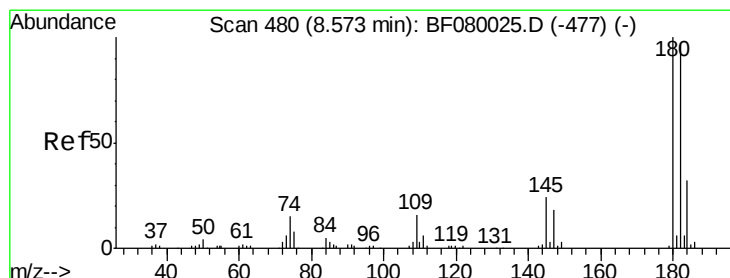
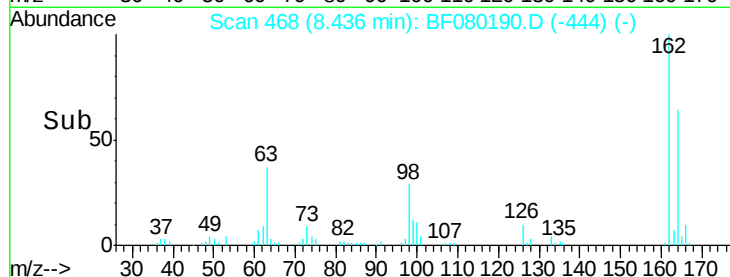
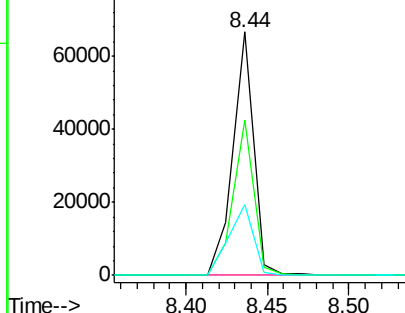
#29
2,4-Dichlorophenol
Concen: 33.27 ng
RT: 8.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 58384
Ion Ratio Lower Upper
162 100
164 63.7 44.9 84.9
98 29.0 13.0 53.0

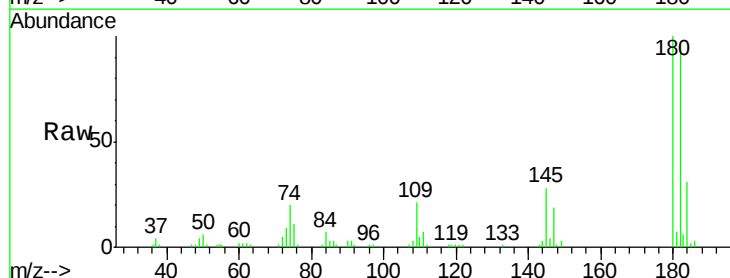


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

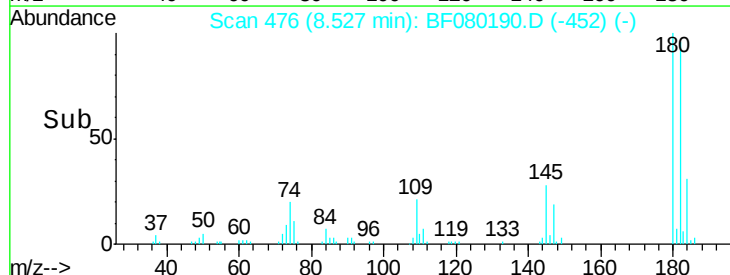
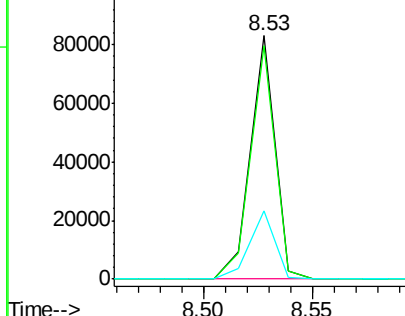


#30
1,2,4-Trichlorobenzene
Concen: 32.67 ng
RT: 8.53 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion:180 Resp: 65104
Ion Ratio Lower Upper
180 100
182 95.9 77.1 115.7
145 28.2 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

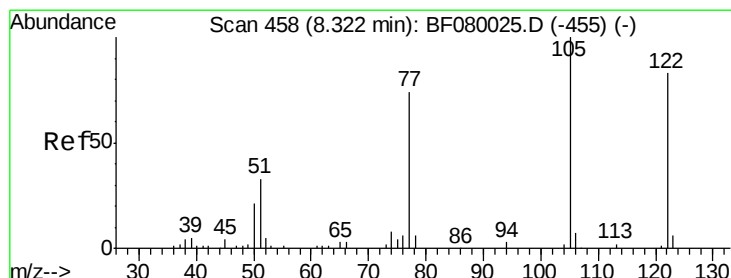
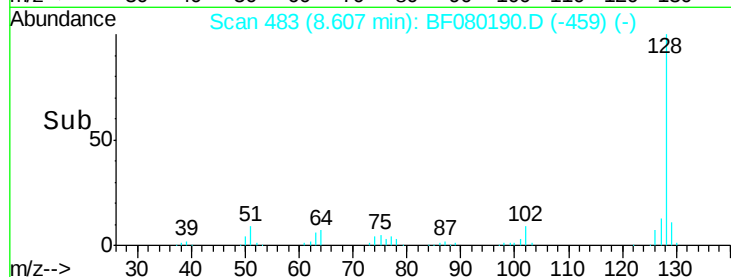
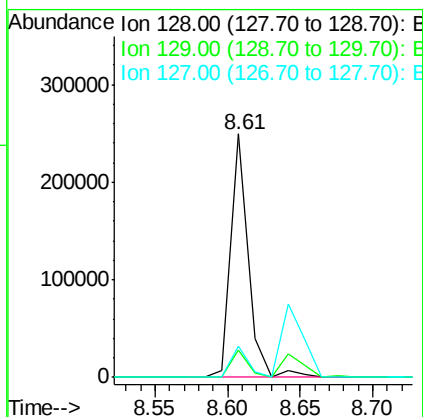
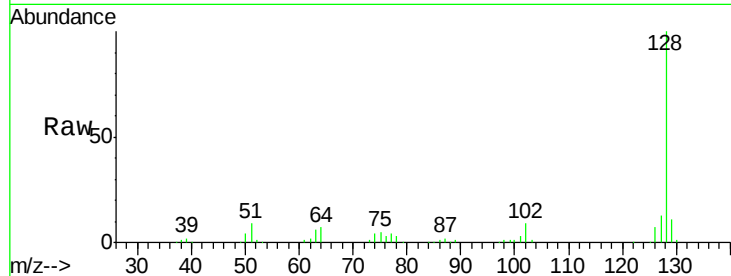




#31
Naphthalene
Concen: 30.28 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

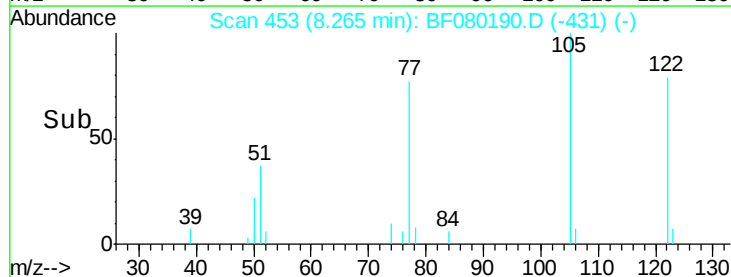
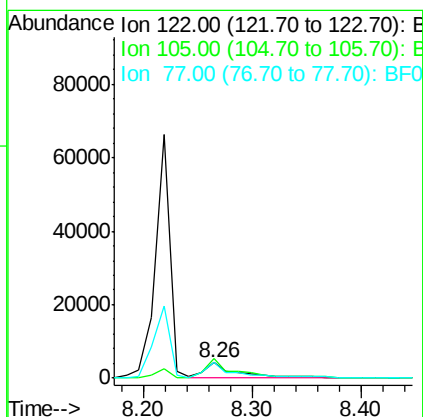
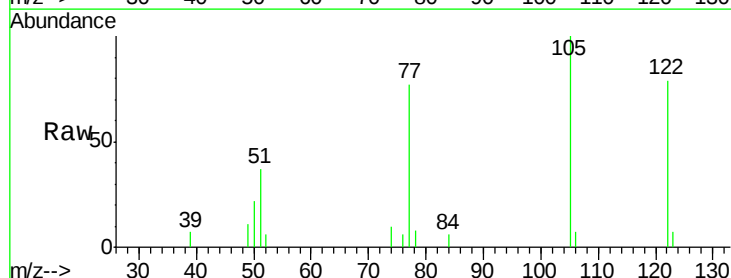
Instrument :
BNA_F
ClientSampleId :

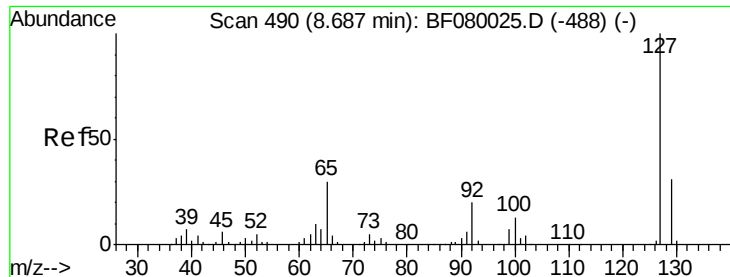
Tot Ion:128 Resp: 209667
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 12.9 9.9 14.9



#32
Benzoic acid
Concen: 7.17 ng
RT: 8.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion:122 Resp: 8878
Ion Ratio Lower Upper
122 100
105 127.0 76.1 116.1#
77 98.4 40.5 80.5#

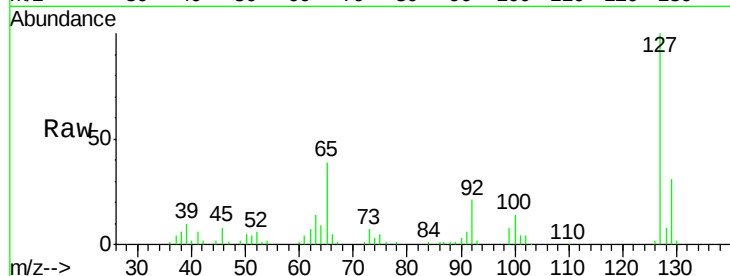




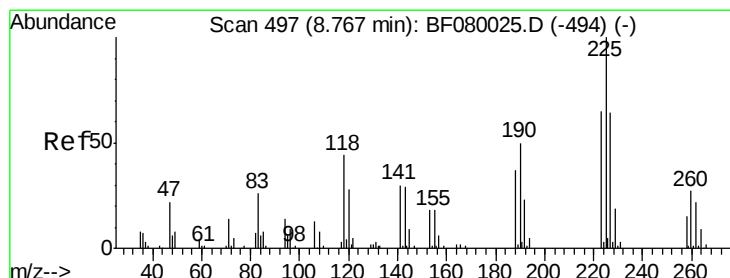
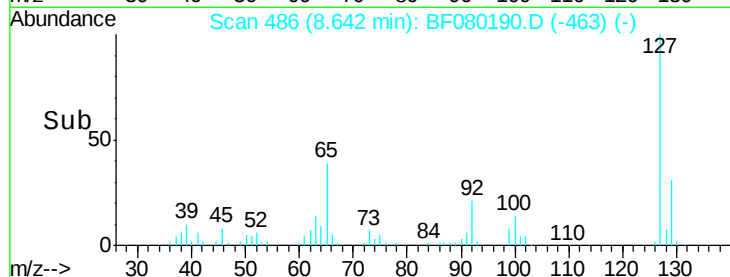
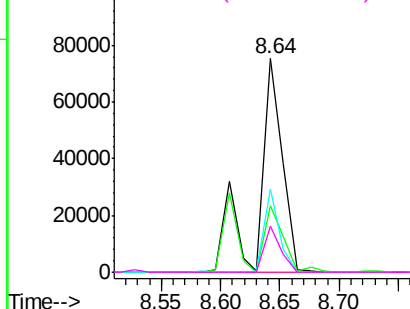
#33
4-Chloroaniline
Concen: 35.52 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 105259
Ion Ratio Lower Upper
127 100
129 31.2 25.8 38.6
65 38.7 17.9 26.9#
92 21.3 10.5 15.7#

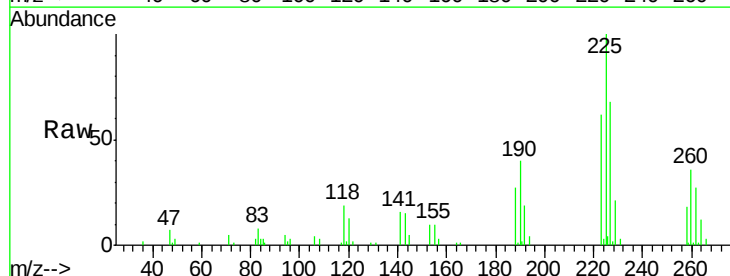


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

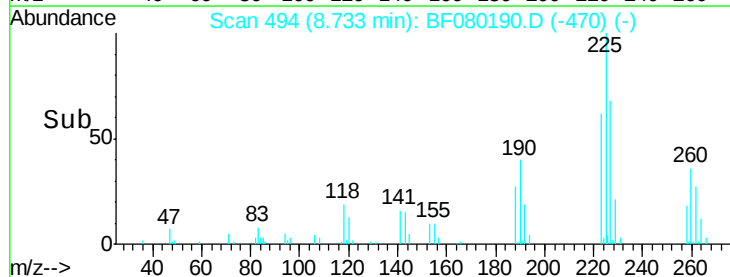
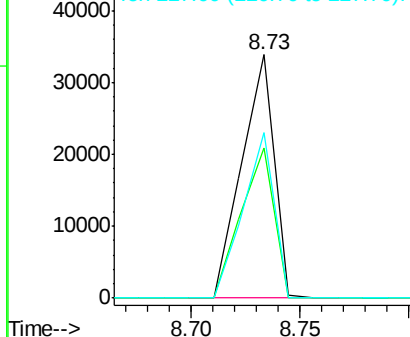


#34
Hexachlorobutadiene
Concen: 28.40 ng
RT: 8.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion:225 Resp: 34848
Ion Ratio Lower Upper
225 100
223 61.6 50.2 75.2
227 67.9 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: 28.23 ng

RT: 8.97 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

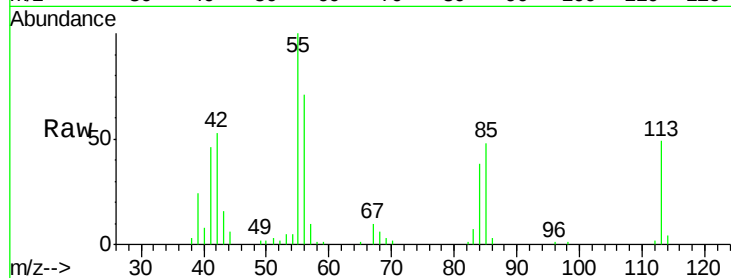
Tot Ion:113 Resp: 16079

Ion Ratio Lower Upper

113 100

55 203.9 152.4 192.4#

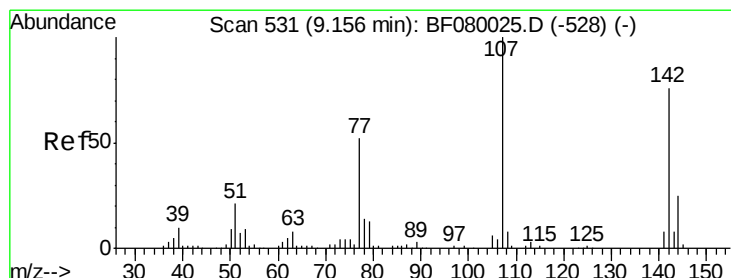
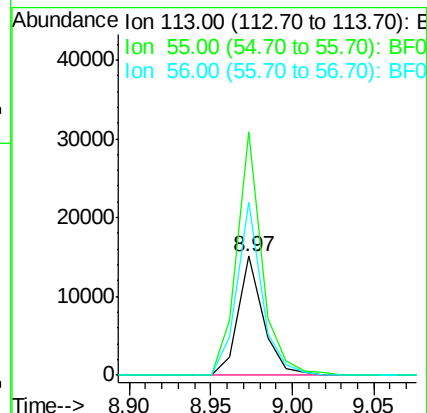
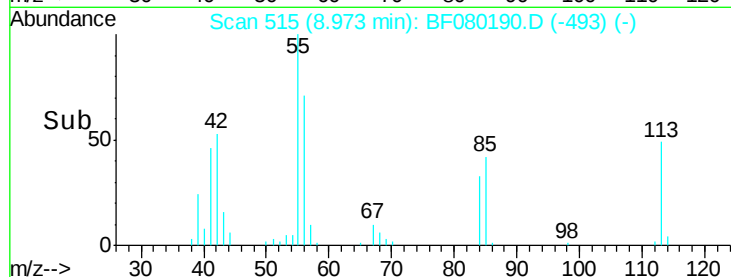
56 145.4 104.6 144.6#



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: 28.73 ng

RT: 9.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

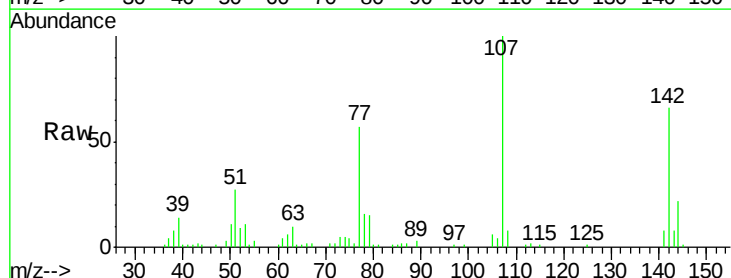
Tgt Ion:107 Resp: 56879

Ion Ratio Lower Upper

107 100

144 22.0 25.4 38.0#

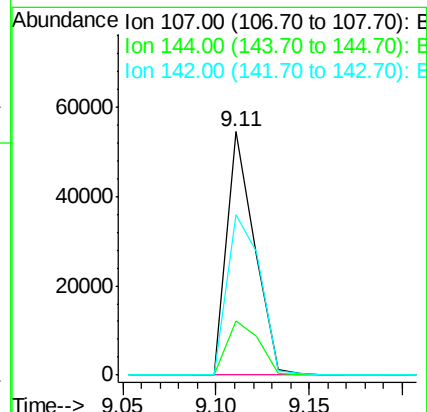
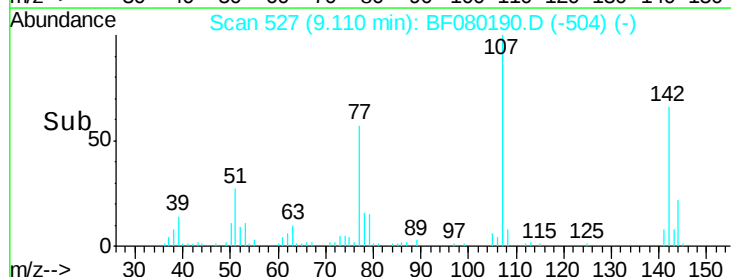
142 65.6 77.3 115.9#

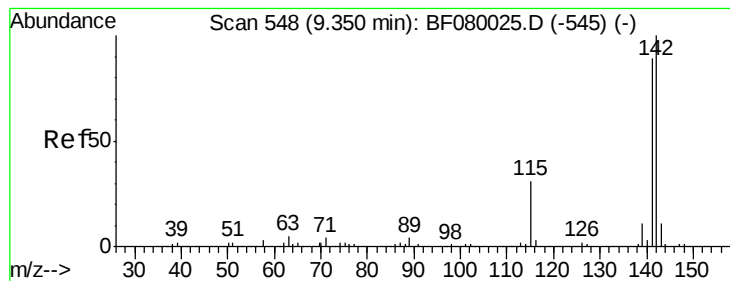


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.21 ng

RT: 9.30 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

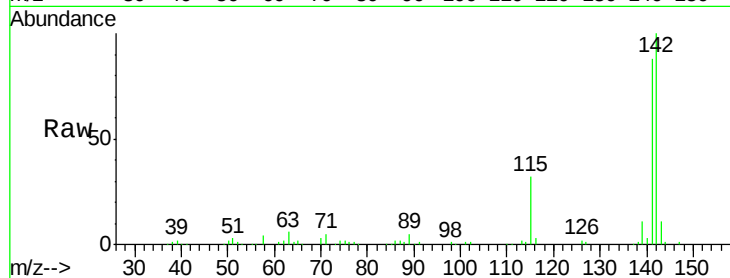
Tot Ion:142 Resp: 148742

Ion Ratio Lower Upper

142 100

141 88.3 67.5 101.3

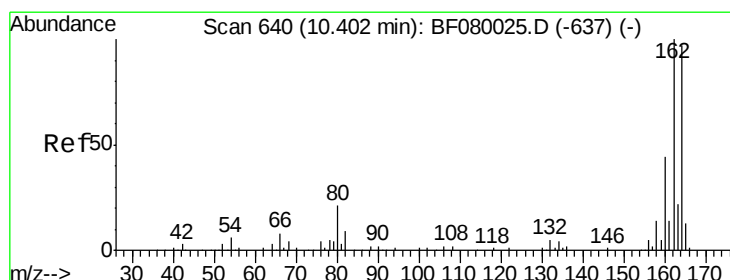
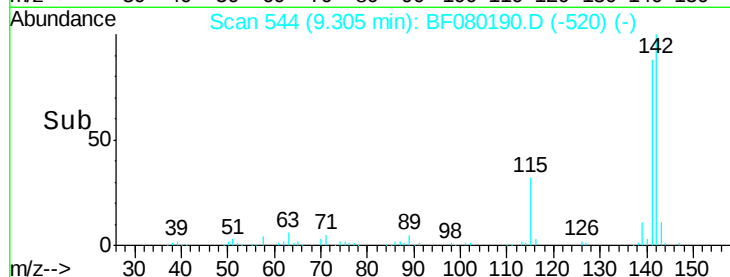
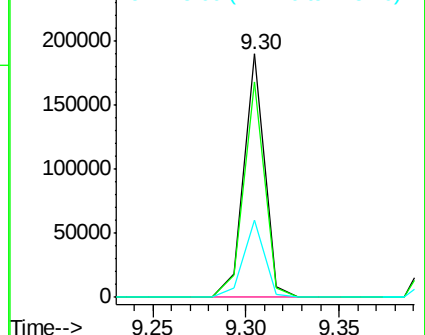
115 31.5 18.2 27.2#



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: 10.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

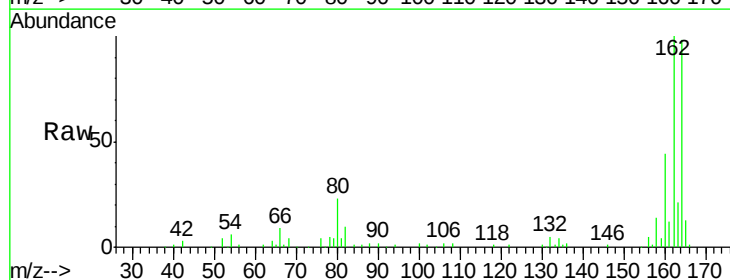
Tgt Ion:164 Resp: 68472

Ion Ratio Lower Upper

164 100

162 102.1 75.2 112.8

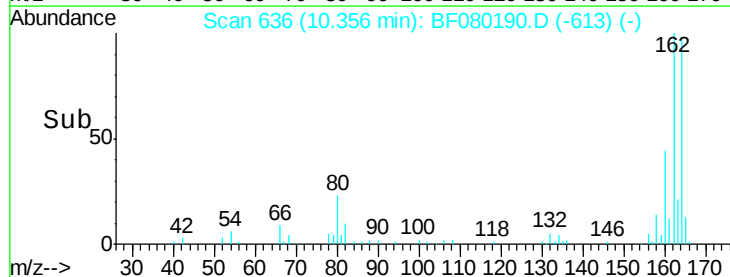
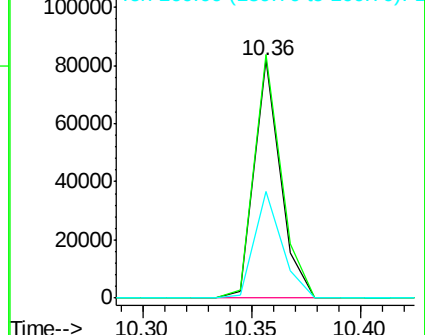
160 44.7 31.5 47.3

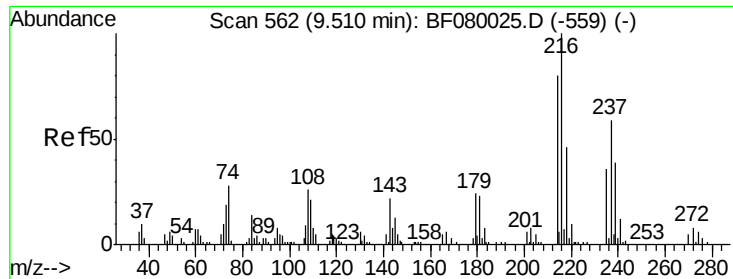


Abundance Ion 164.00 (163.70 to 164.70): E

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: 31.74 ng

RT: 9.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 63247

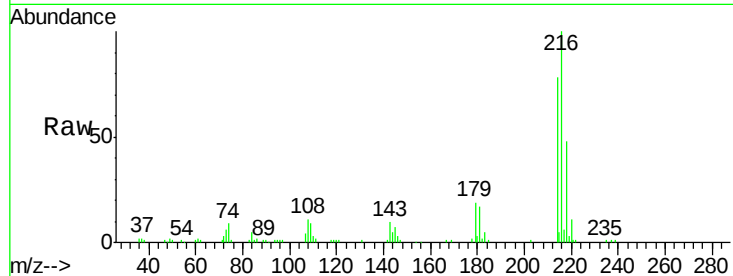
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 20.6 16.6 24.8

108 18.0 16.3 24.5

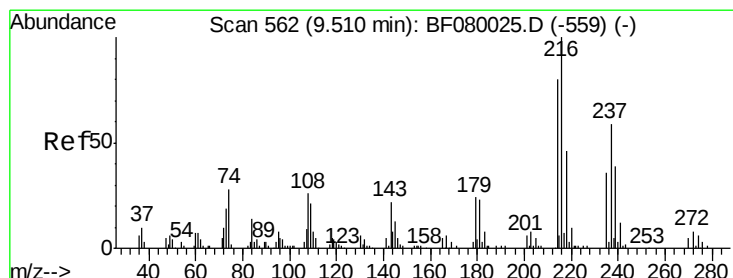
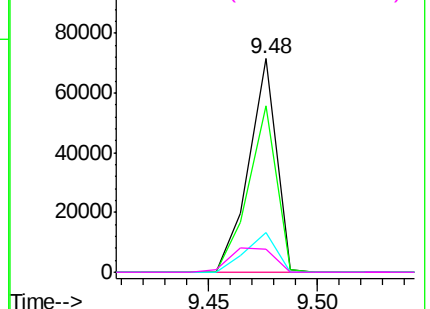
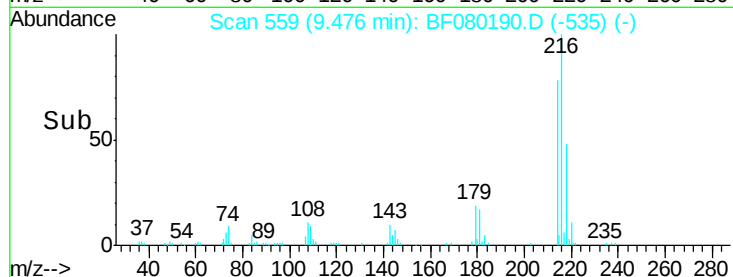


Abundance Ion 216.00 (215.70 to 216.70): E

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: 52.00 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

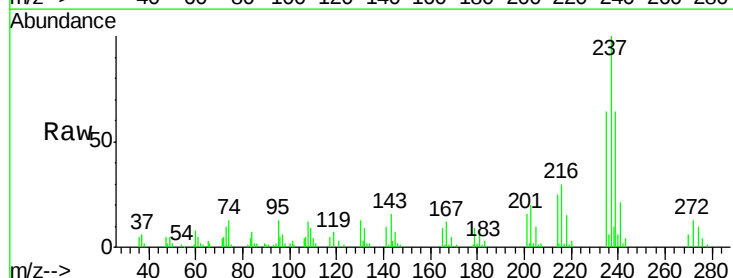
Tgt Ion:237 Resp: 50880

Ion Ratio Lower Upper

237 100

235 64.3 42.0 82.0

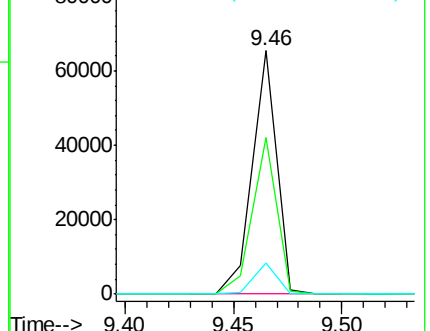
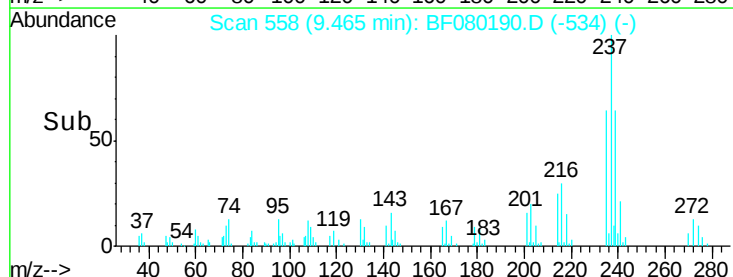
272 13.0 0.0 36.1



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

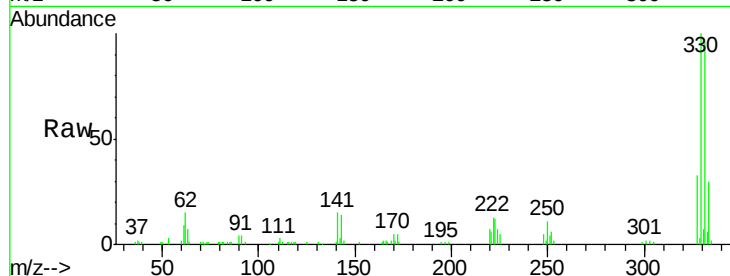




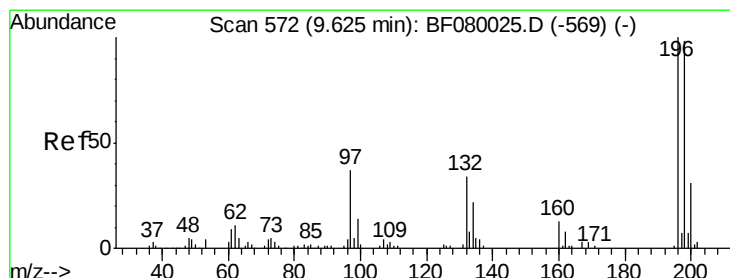
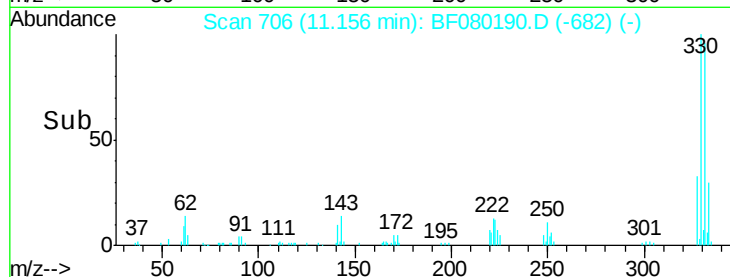
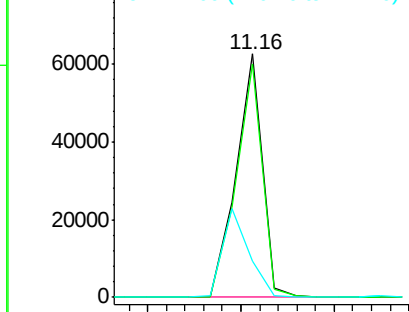
#41
 2,4,6-Tribromophenol
 Concen: 92.18 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 61717
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 36.9 29.7 44.5

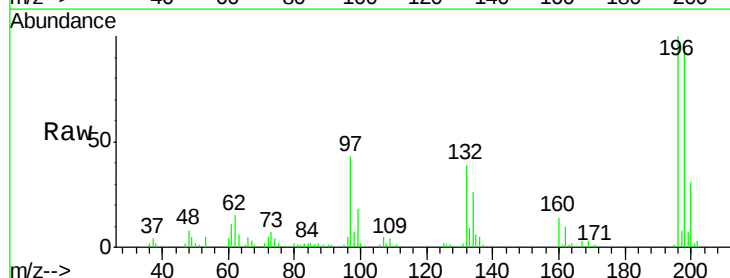


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

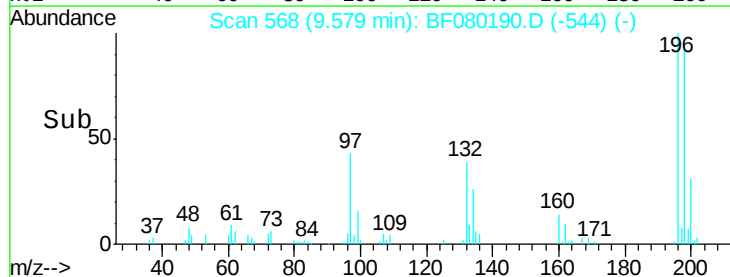
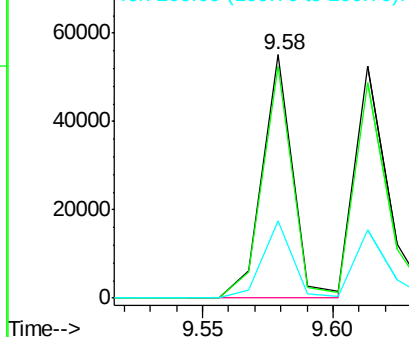


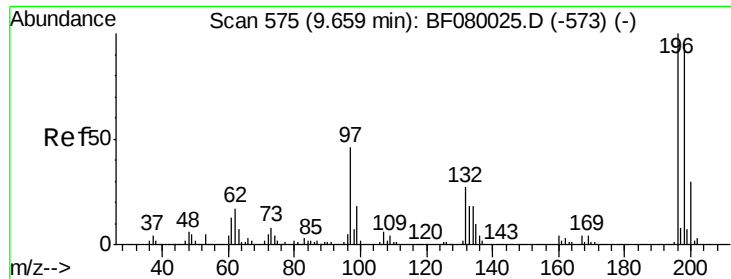
#42
 2,4,6-Trichlorophenol
 Concen: 33.14 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion:196 Resp: 44933
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 31.5 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

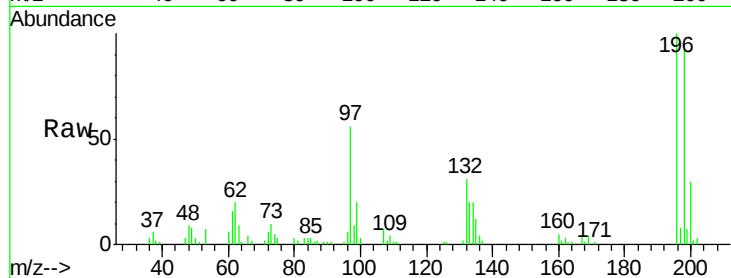




#43
 2,4,5-Trichlorophenol
 Concen: 29.30 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.4	113.0
97	56.1	33.3	49.9
132	31.2	24.6	37.0



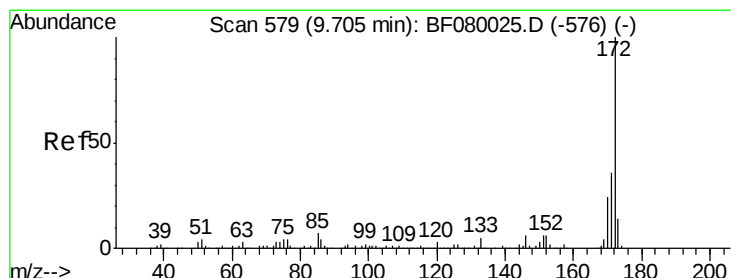
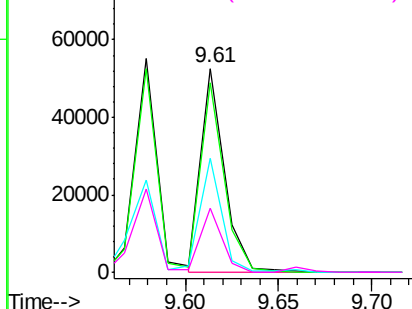
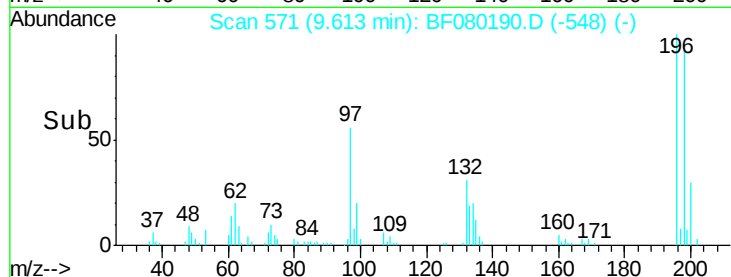
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

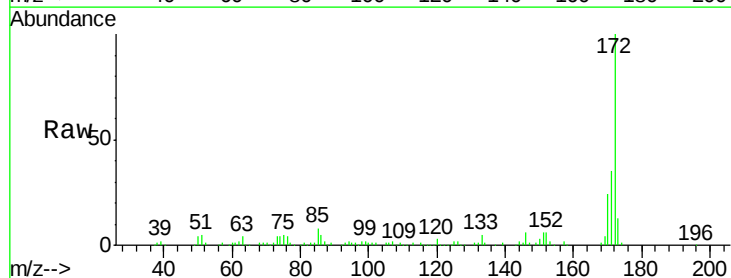
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 55.53 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.1	39.1
170	23.5	17.4	26.2

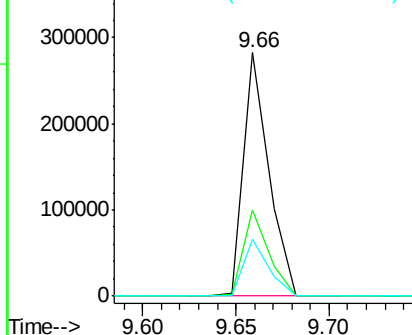
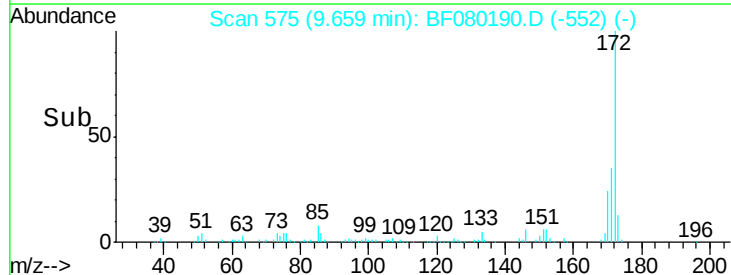


Abundance

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

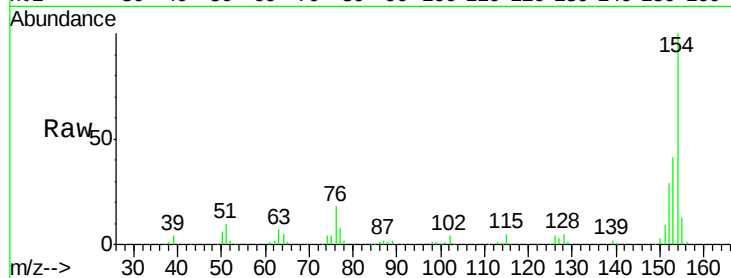




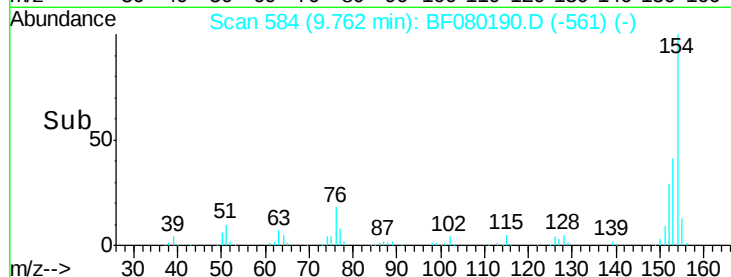
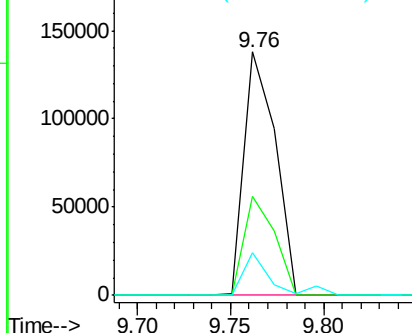
#45
 1,1'-Biphenyl
 Concen: 28.77 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	17.1	57.1
76	17.8	0.0	31.6

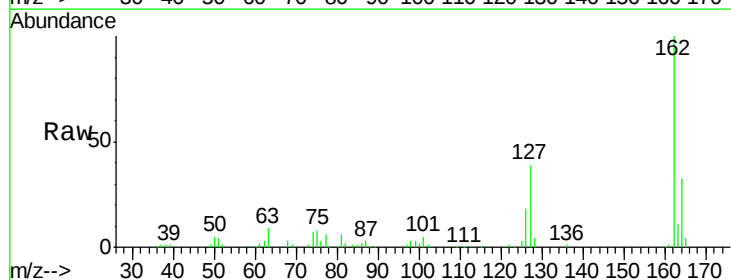


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

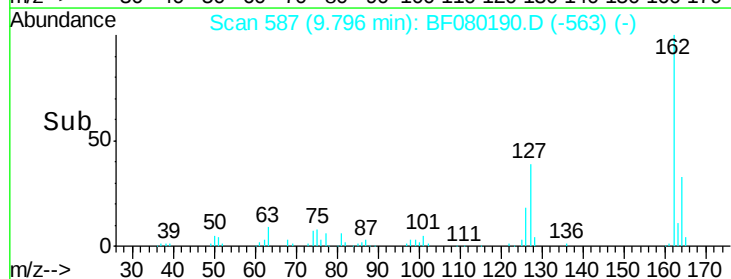
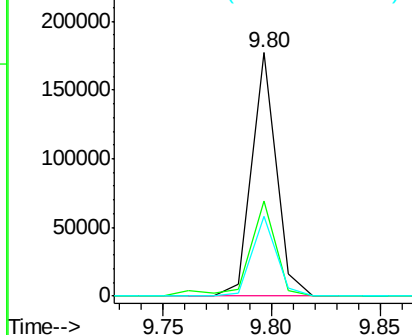


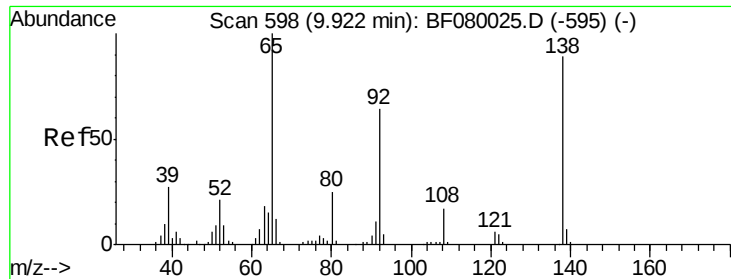
#46
 2-Chloronaphthalene
 Concen: 30.67 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	27.6	41.4
164	32.9	25.4	38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

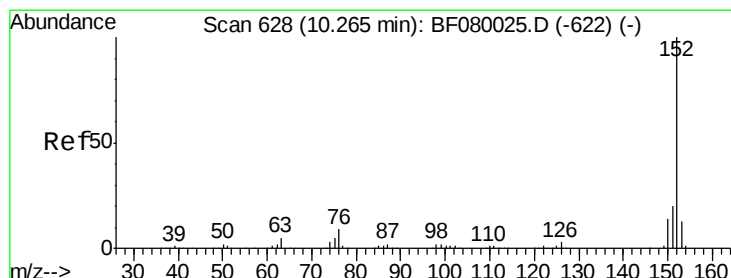
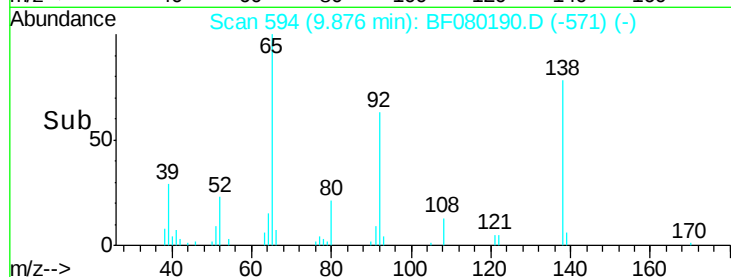
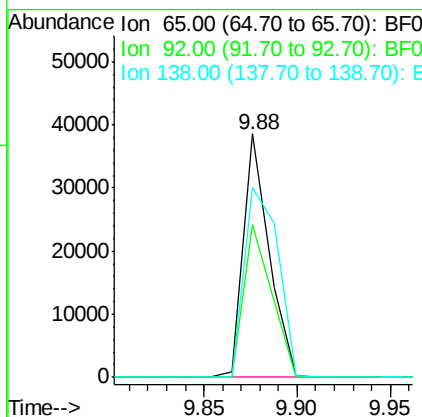
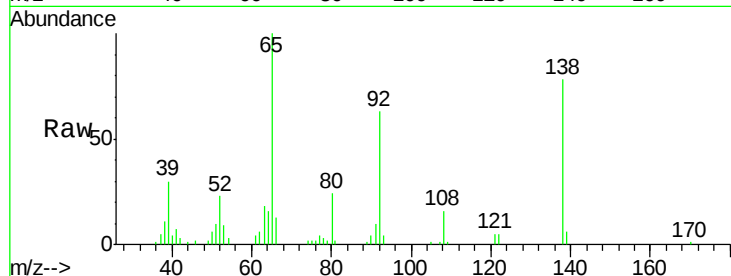




#47
2-Nitroaniline
Concen: 29.82 ng
RT: 9.88 min Scan# 594
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

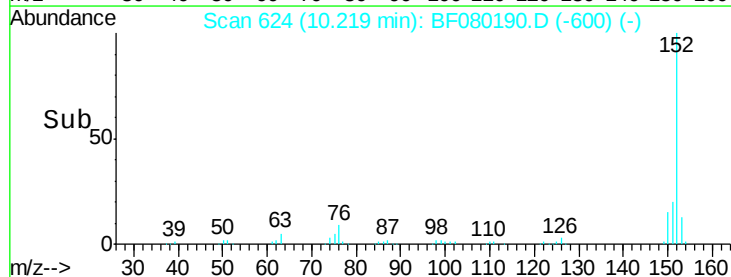
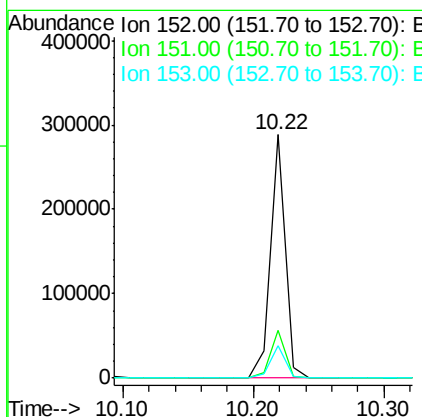
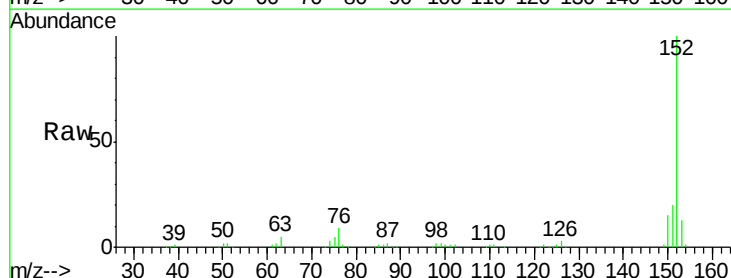
Instrument :
BNA_F
ClientSampled :

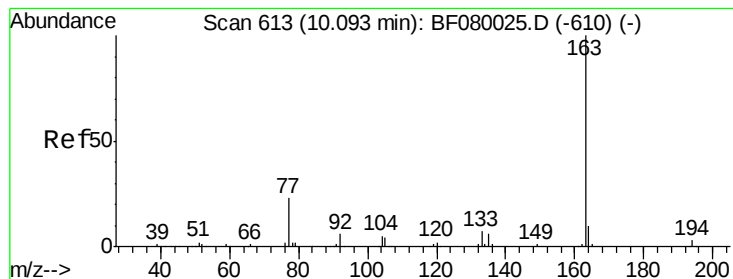
Tot Ion: 65 Resp: 37005
Ion Ratio Lower Upper
65 100
92 62.9 55.4 83.0
138 78.1 115.5 173.3#



#48
Acenaphthylene
Concen: 30.43 ng
RT: 10.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion: 152 Resp: 229569
Ion Ratio Lower Upper
152 100
151 19.6 14.6 22.0
153 13.1 10.3 15.5





#49

Dimethylphthalate

Concen: 36.41 ng

RT: 10.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

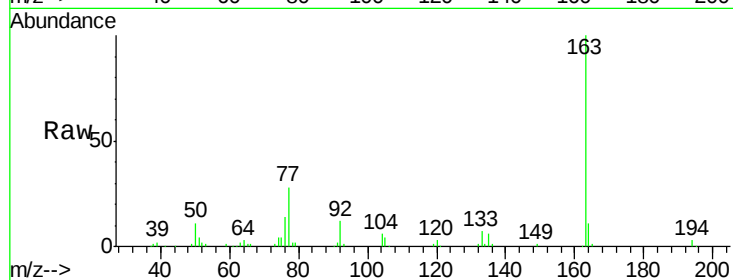
Tot Ion:163 Resp: 187415

Ion Ratio Lower Upper

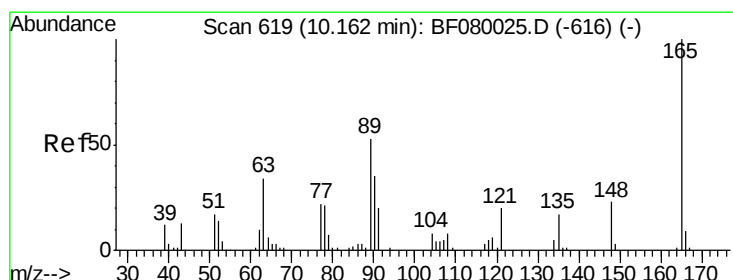
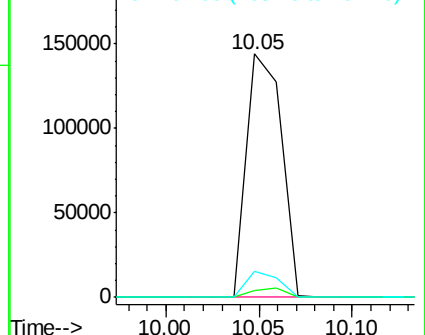
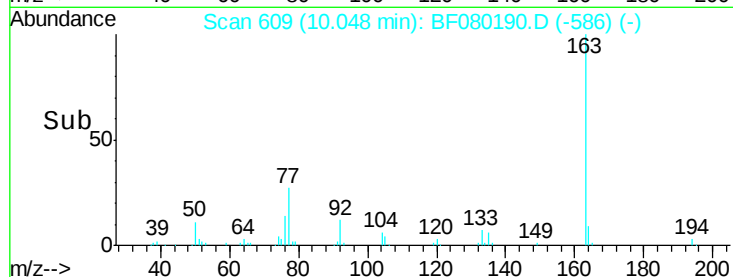
163 100

194 2.9 4.4 6.6#

164 10.6 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 31.48 ng

RT: 10.12 min Scan# 615

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

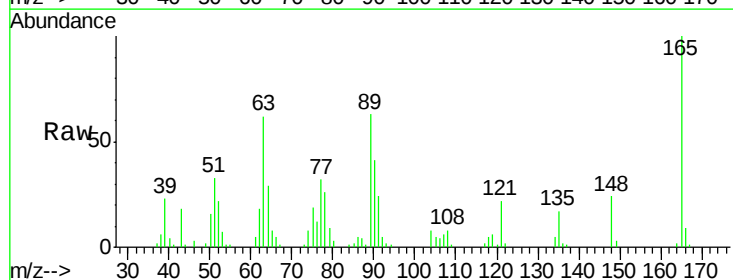
Tgt Ion:165 Resp: 32485

Ion Ratio Lower Upper

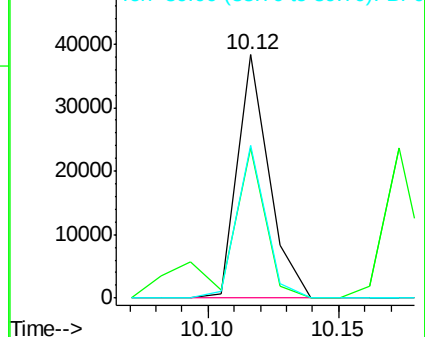
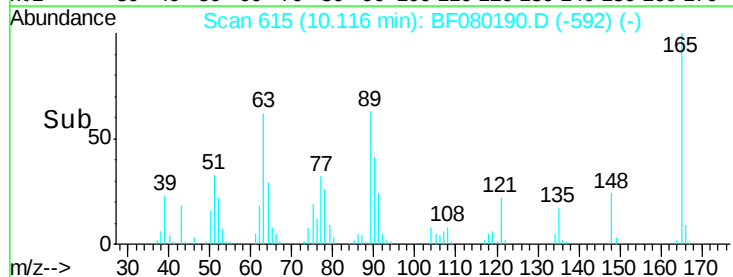
165 100

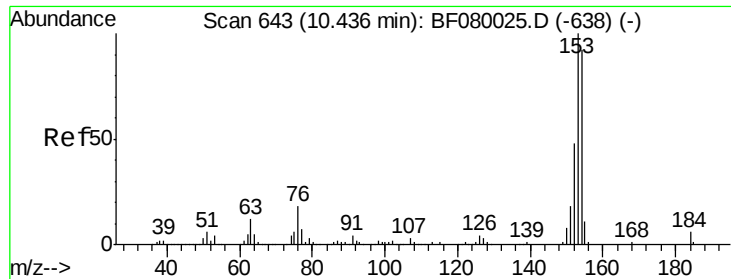
63 61.8 32.3 48.5#

89 62.6 28.6 43.0#



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





#51

Acenaphthene

Concen: 30.09 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

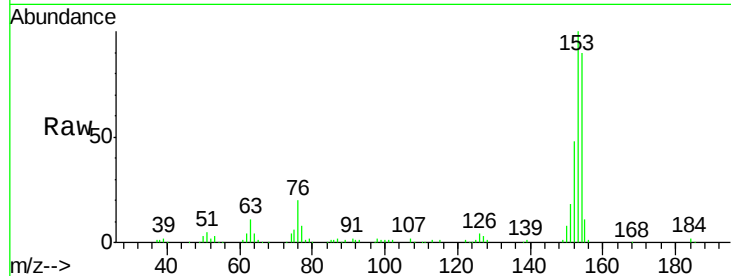
Tot Ion:154 Resp: 138889

Ion Ratio Lower Upper

154 100

153 111.6 82.1 123.1

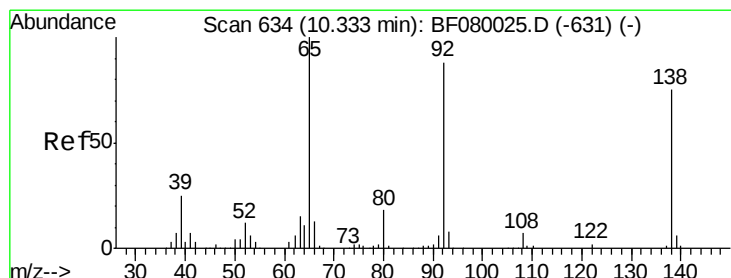
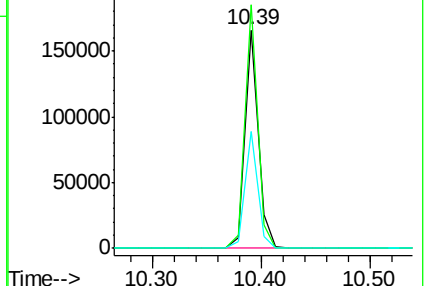
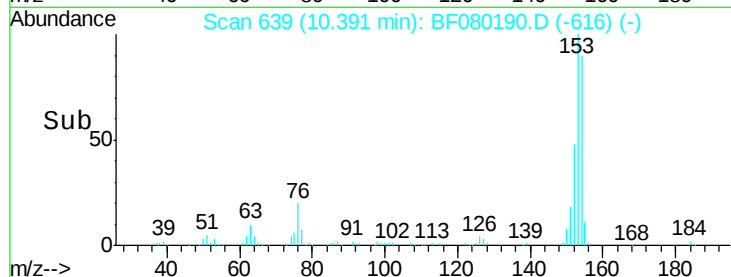
152 53.5 37.9 56.9



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: 30.32 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

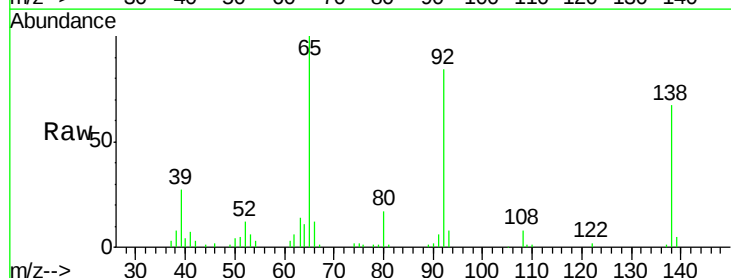
Tgt Ion:138 Resp: 36104

Ion Ratio Lower Upper

138 100

108 11.7 5.7 8.5#

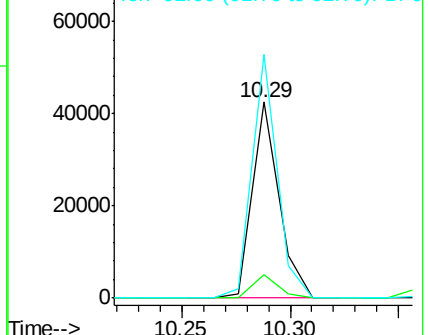
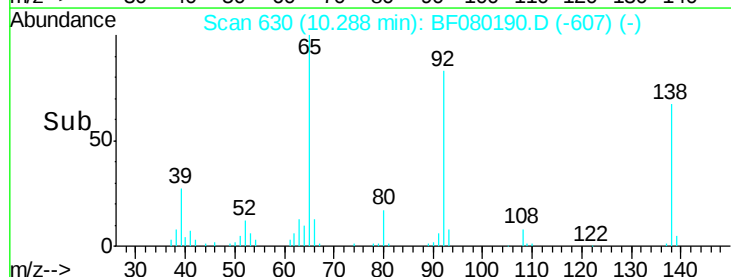
92 124.4 67.7 101.5#



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

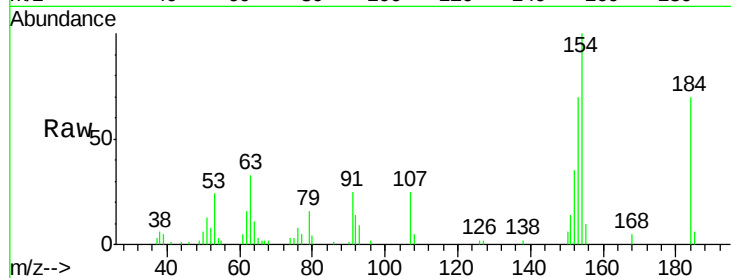




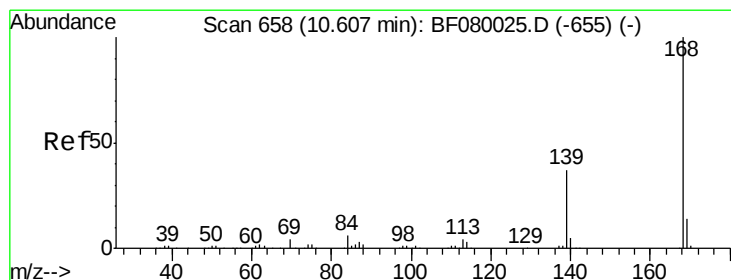
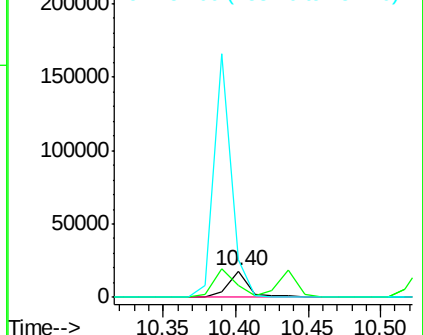
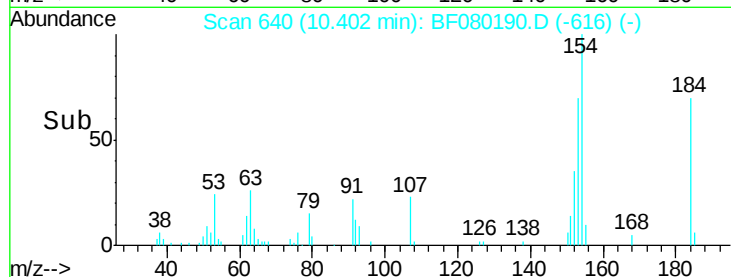
#53
2,4-Dinitrophenol
Concen: 44.76 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 17638
Ion Ratio Lower Upper
184 100
63 47.3 35.4 53.2
154 142.1 32.2 48.4#

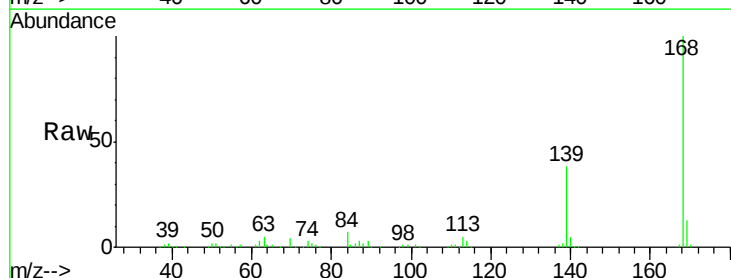


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

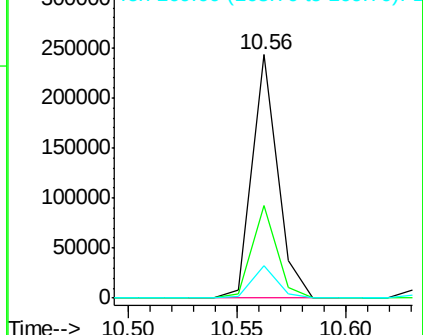
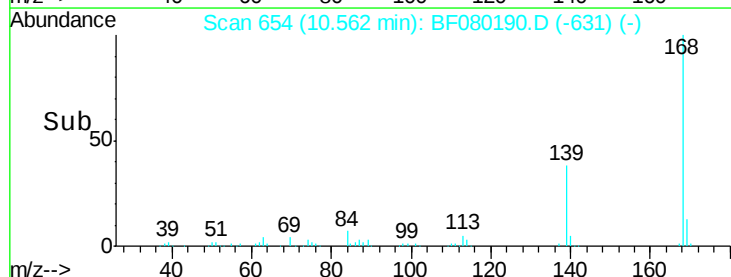


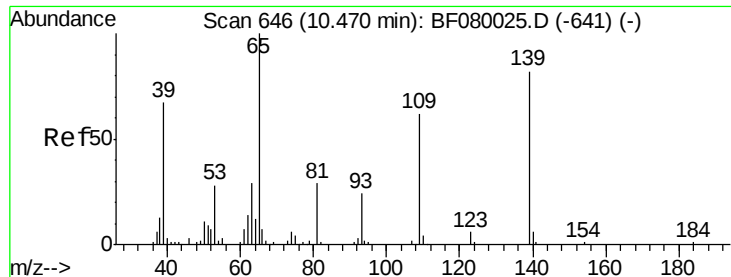
#54
Dibenzofuran
Concen: 30.39 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion:168 Resp: 199035
Ion Ratio Lower Upper
168 100
139 38.0 24.2 36.2#
169 13.5 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: 63.91 ng

RT: 10.44 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

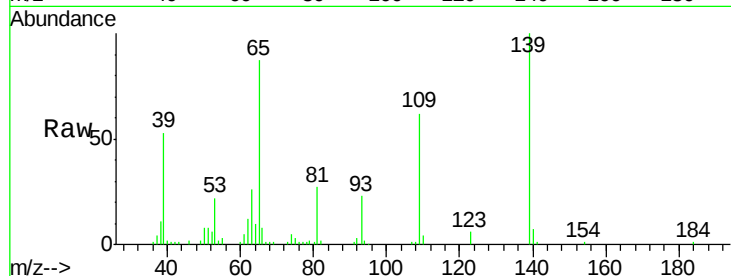
Tot Ion:139 Resp: 60822

Ion Ratio Lower Upper

139 100

109 61.7 12.7 52.7#

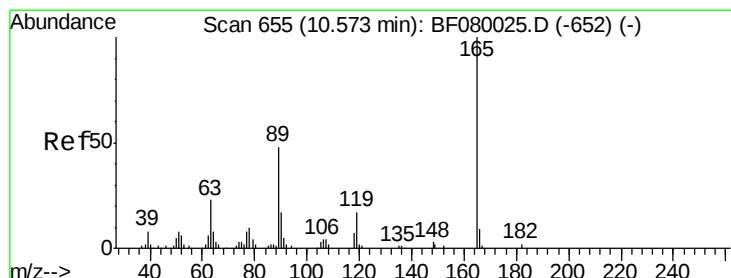
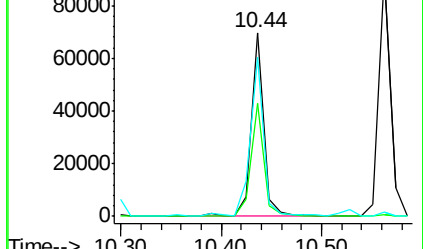
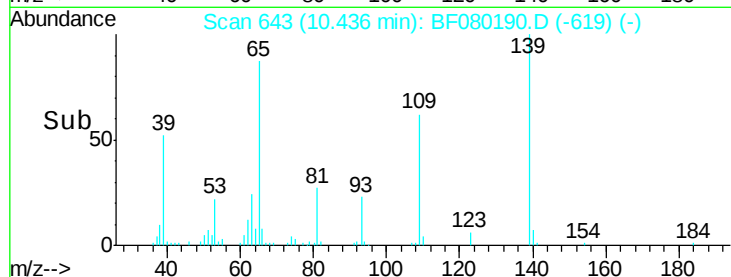
65 86.8 45.9 85.9#



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: 35.97 ng

RT: 10.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:165 Resp: 47103

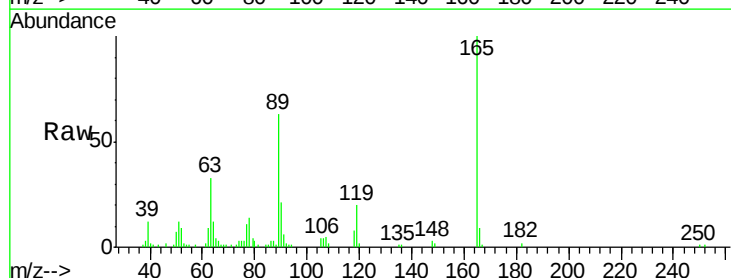
Ion Ratio Lower Upper

165 100

63 33.5 29.8 44.6

89 62.6 44.5 66.7

182 2.1 3.0 4.4#

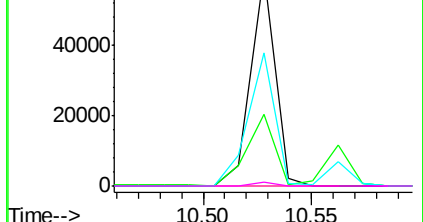
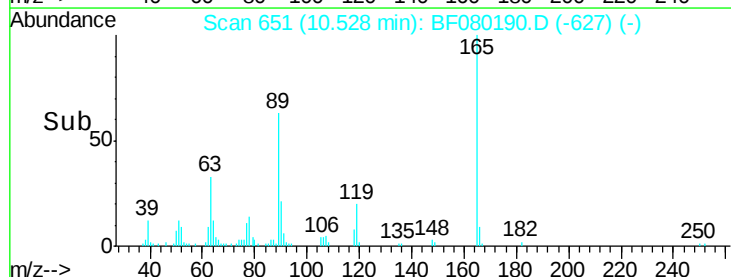


Abundance Ion 165.00 (164.70 to 165.70): E

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: 29.14 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

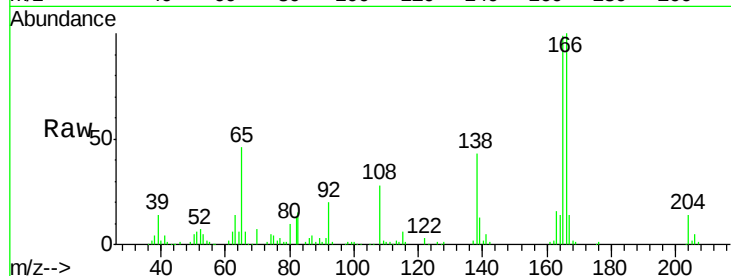
Tot Ion:166 Resp: 151415

Ion Ratio Lower Upper

166 100

165 98.9 72.6 109.0

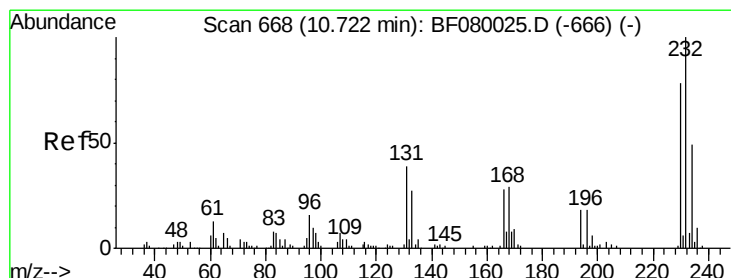
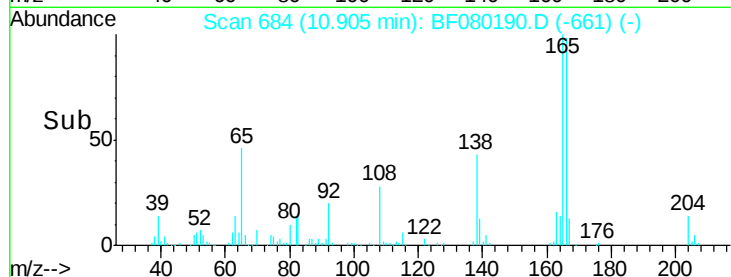
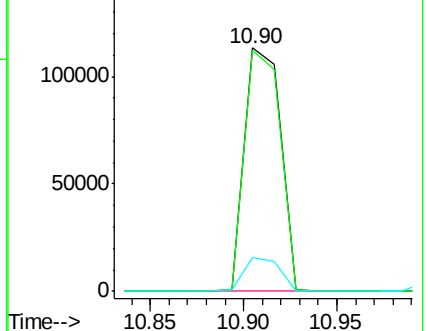
167 13.8 10.6 16.0



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: 28.54 ng

RT: 10.68 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:232 Resp: 37638

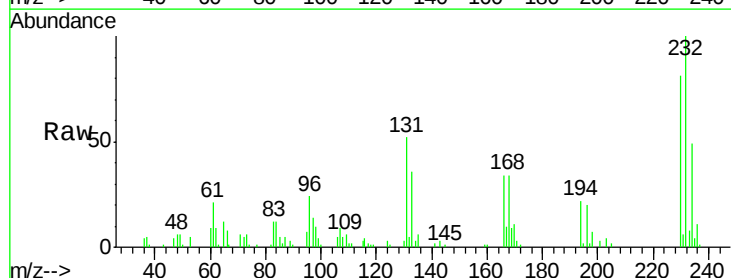
Ion Ratio Lower Upper

232 100

131 46.3 38.5 57.7

130 2.0 1.8 2.6

166 30.5 25.0 37.6

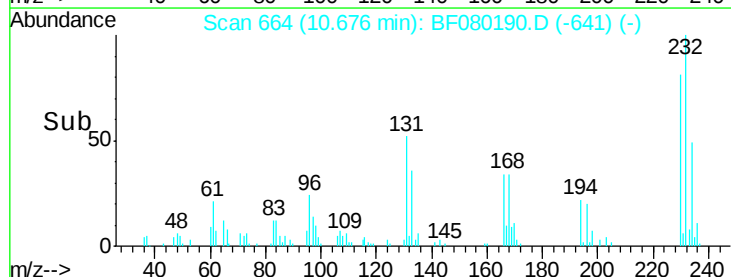
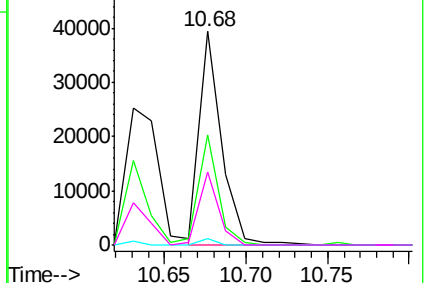


Abundance Ion 232.00 (231.70 to 232.70): E

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

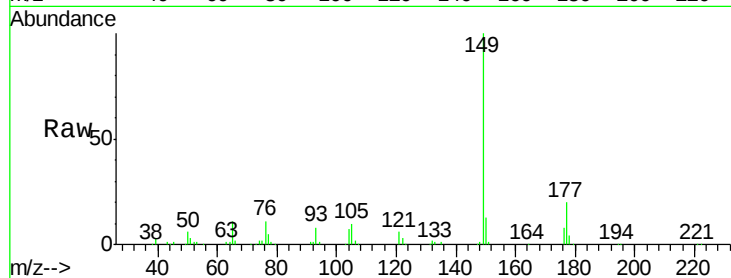




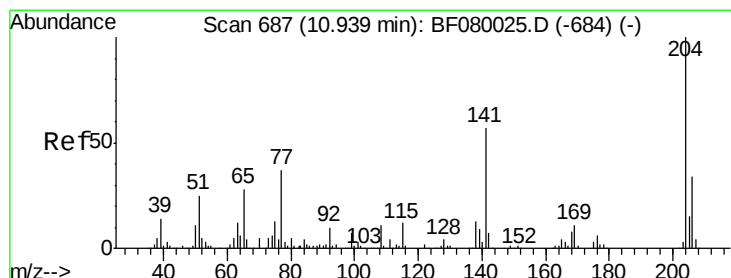
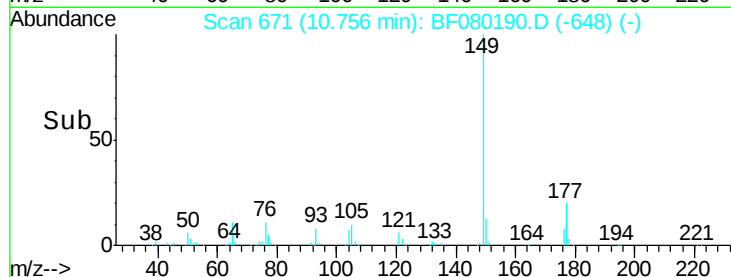
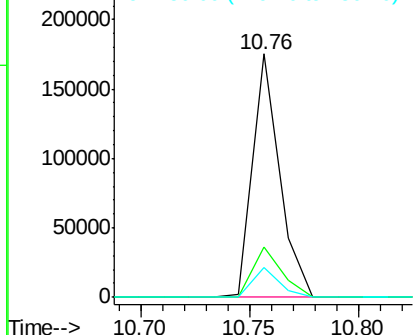
#59
Diethylphthalate
Concen: 29.10 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 150849
Ion Ratio Lower Upper
149 100
177 20.4 17.5 26.3
150 12.5 9.4 14.2

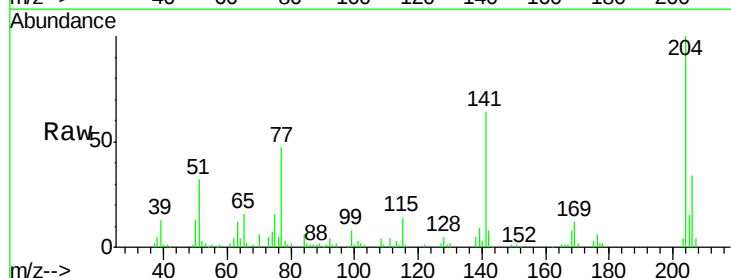


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

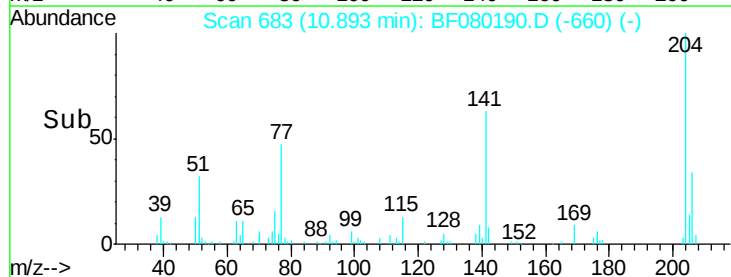
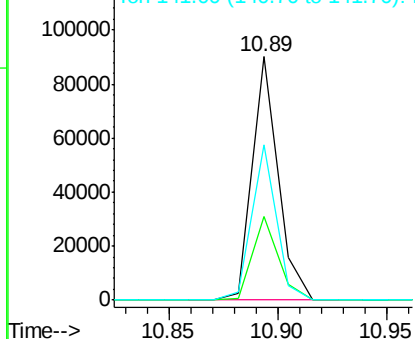


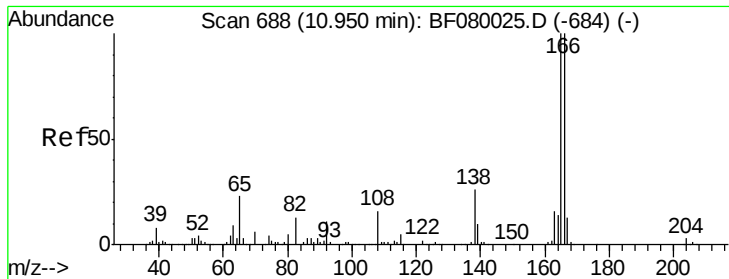
#60
4-Chlorophenyl-phenylether
Concen: 29.83 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion:204 Resp: 74493
Ion Ratio Lower Upper
204 100
206 34.3 24.8 37.2
141 63.6 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

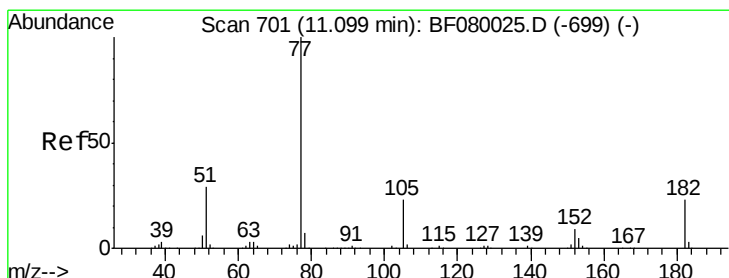
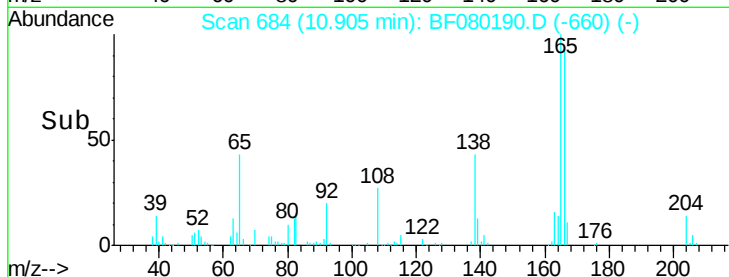
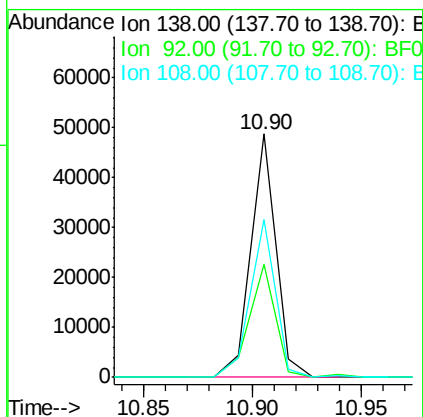
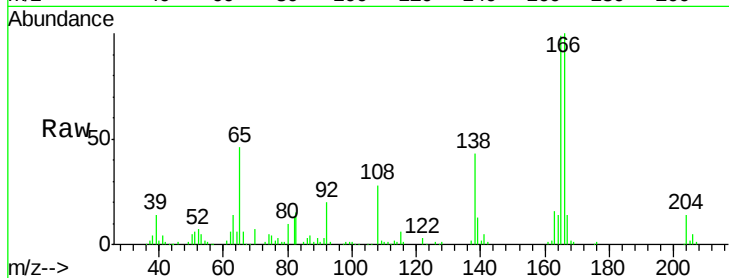




#61
4-Nitroaniline
Concen: 31.66 ng
RT: 10.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

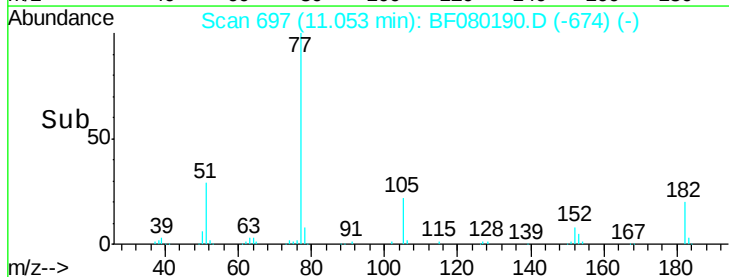
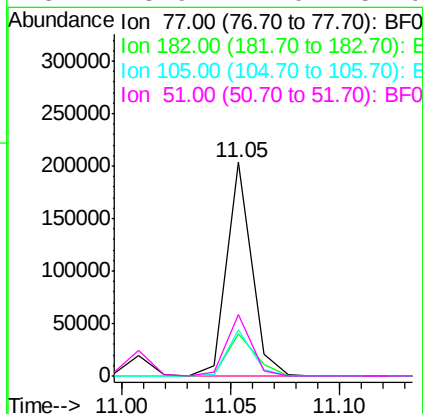
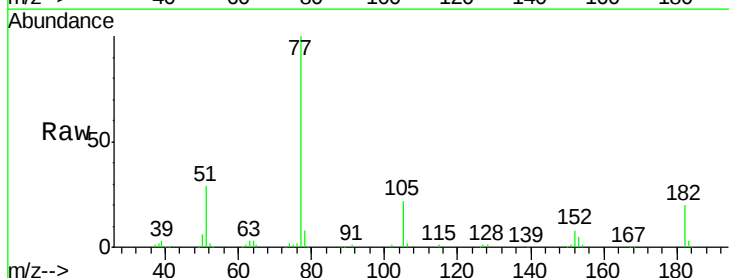
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 38937
Ion Ratio Lower Upper
138 100
92 46.7 12.6 52.6
108 64.8 12.4 52.4#



#62
Azobenzene
Concen: 30.46 ng
RT: 11.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion: 77 Resp: 160714
Ion Ratio Lower Upper
77 100
182 19.7 15.1 55.1
105 21.6 3.4 43.4
51 28.9 12.0 52.0

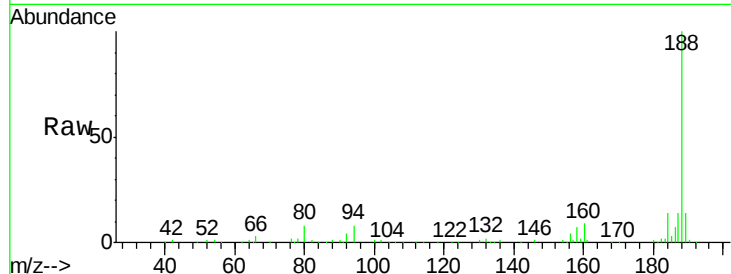




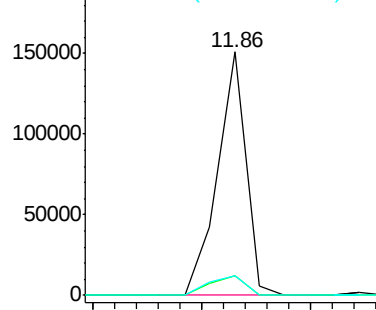
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :

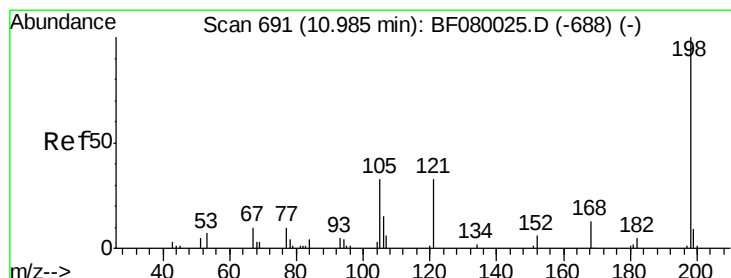
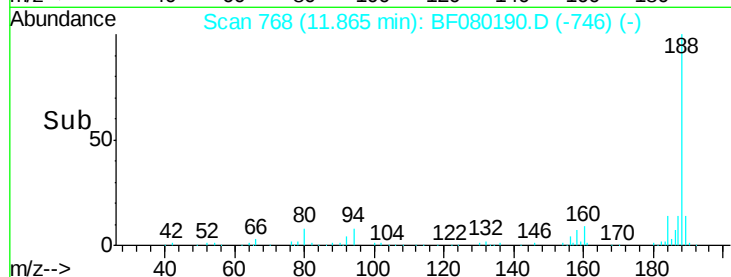
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	11.1	16.7#
80	8.0	11.0	16.4#



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



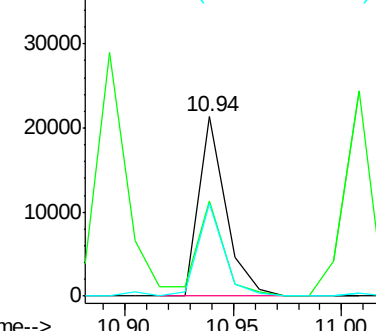
Time--> 11.80 11.85 11.90



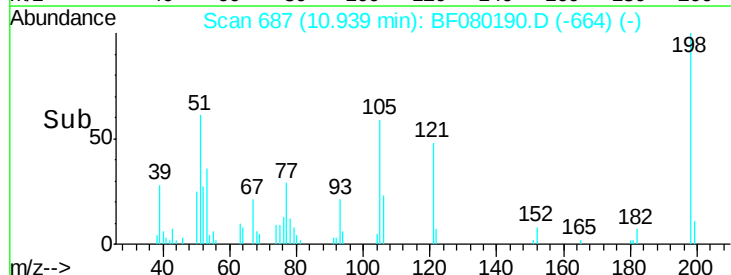
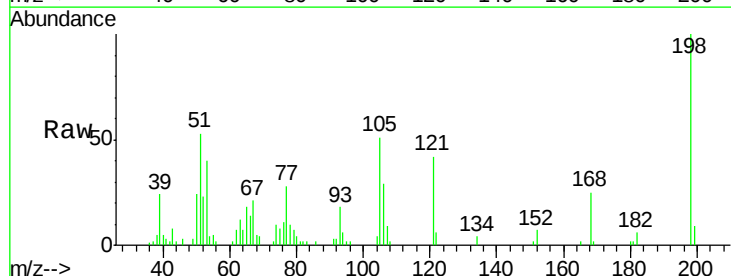
#64
4,6-Dinitro-2-methylphenol
Concen: 31.07 ng
RT: 10.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.2	39.6	79.6
105	51.2	28.5	68.5

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



Time--> 10.90 10.95 11.00

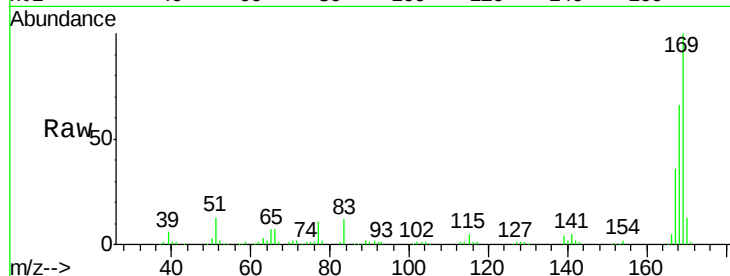




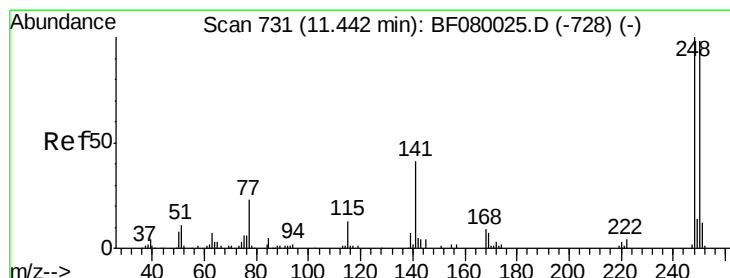
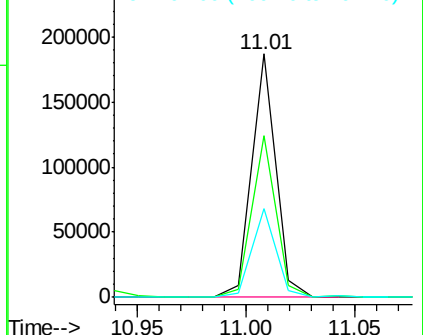
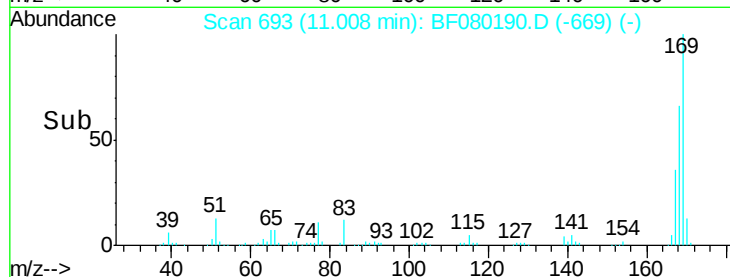
#65
 n-Nitrosodiphenylamine
 Concen: 32.30 ng
 RT: 11.01 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 143903
 Ion Ratio Lower Upper
 169 100
 168 66.4 48.9 73.3
 167 36.3 26.2 39.4

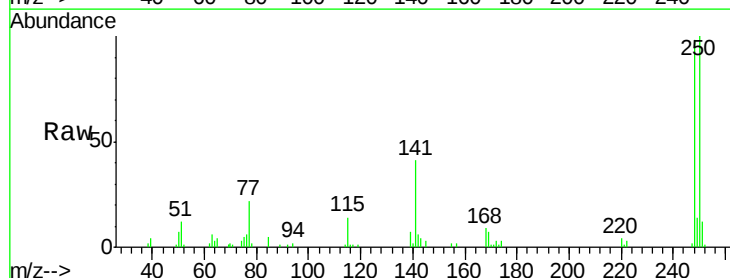


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

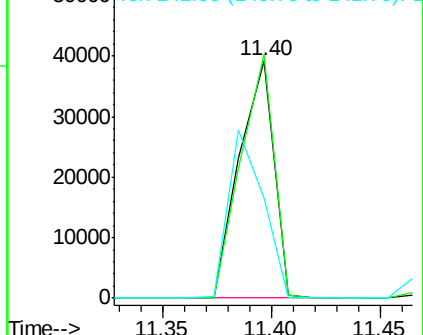
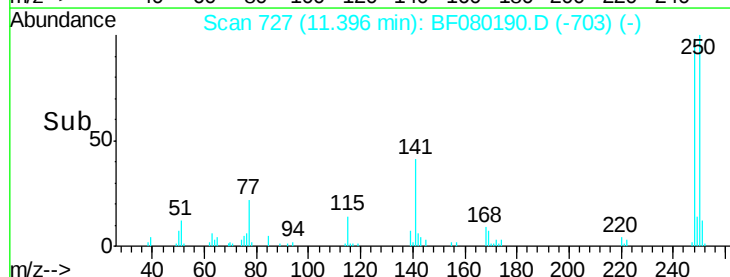


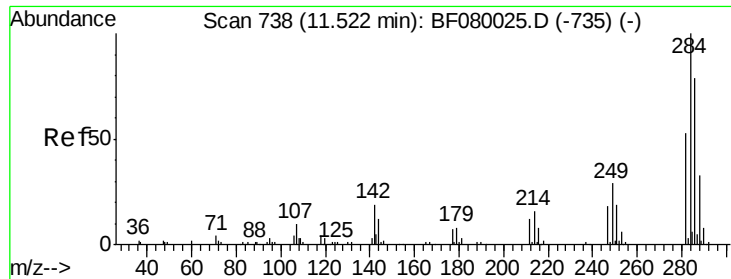
#66
 4-Bromophenyl-phenylether
 Concen: 29.62 ng
 RT: 11.40 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion:248 Resp: 43096
 Ion Ratio Lower Upper
 248 100
 250 102.4 78.5 117.7
 141 42.3 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

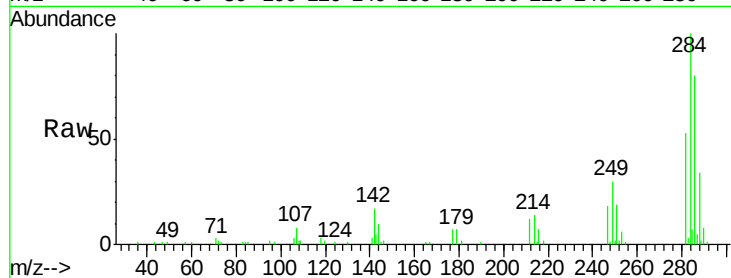




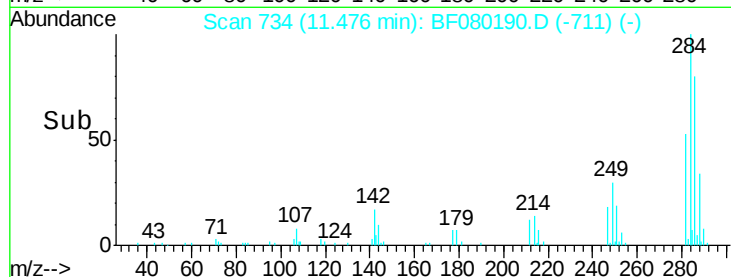
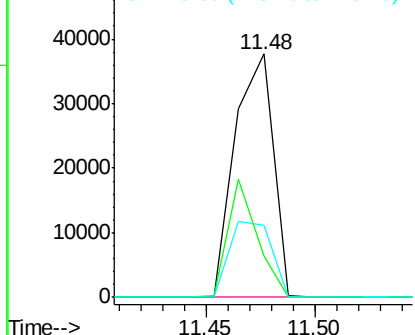
#67
Hexachlorobenzene
Concen: 28.53 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 46135
Ion Ratio Lower Upper
284 100
142 16.9 29.5 44.3#
249 29.7 19.5 29.3#

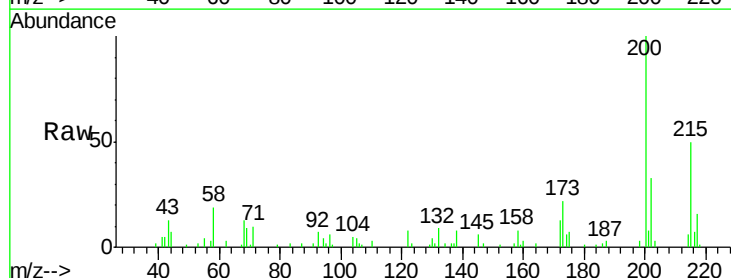


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

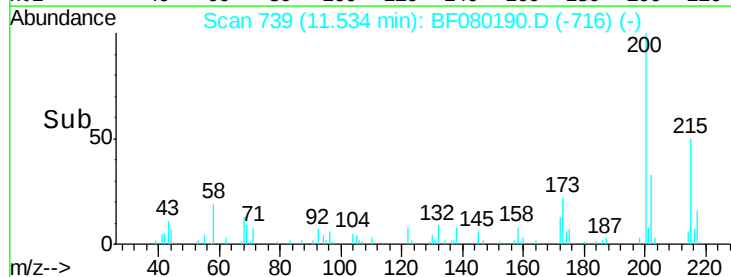
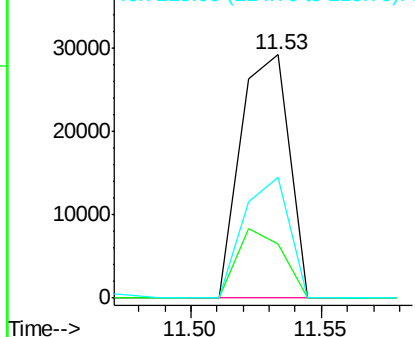


#68
Atrazine
Concen: 27.05 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion:200 Resp: 38076
Ion Ratio Lower Upper
200 100
173 22.1 13.2 53.2
215 49.6 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

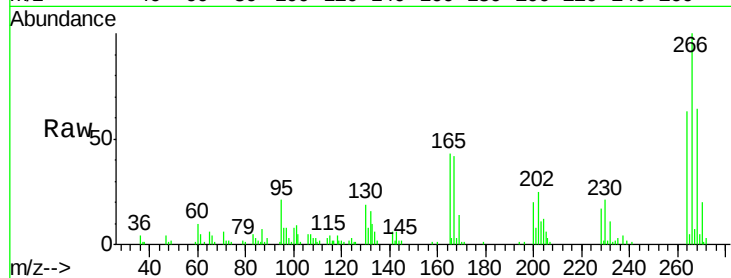




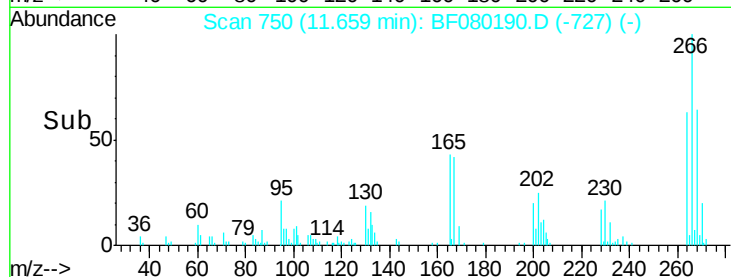
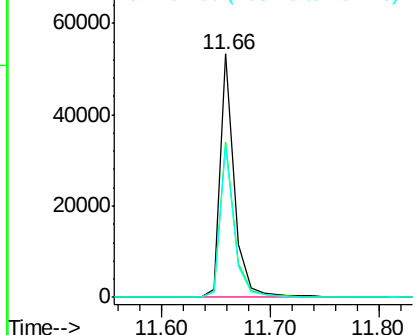
#69
 Pentachlorophenol
 Concen: 53.41 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 48942
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.8 74.6
 264 62.7 50.2 75.2

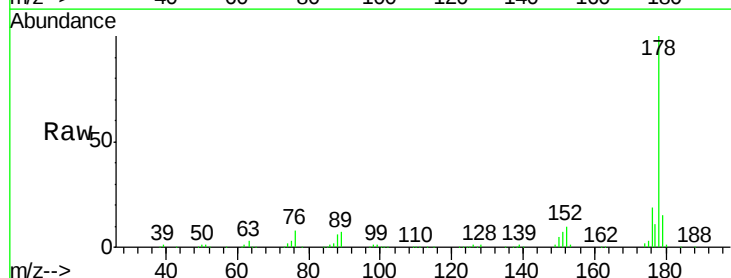


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

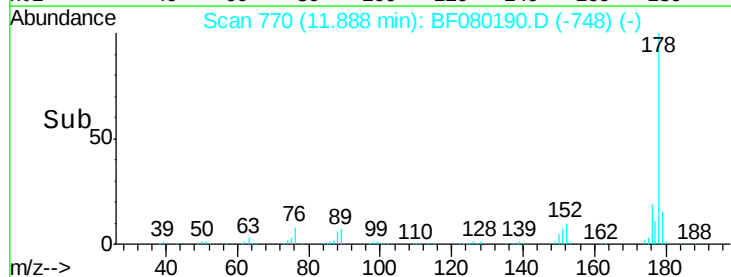
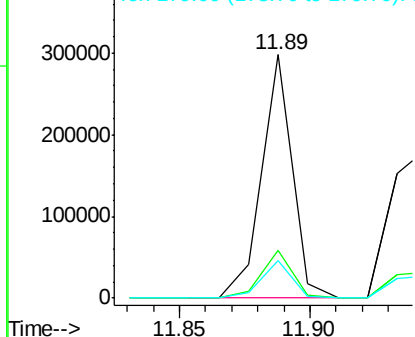


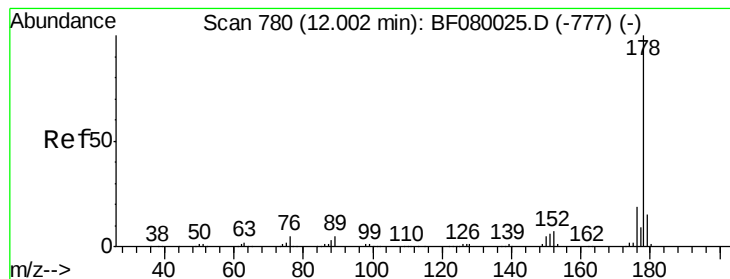
#70
 Phenanthrene
 Concen: 29.75 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion:178 Resp: 246437
 Ion Ratio Lower Upper
 178 100
 176 19.5 13.8 20.8
 179 15.4 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: 29.64 ng

RT: 11.94 min Scan# 775

Delta R.T. -0.05 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

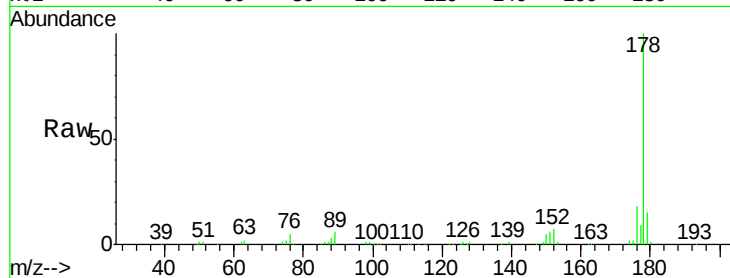
Tot Ion:178 Resp: 236466

Ion Ratio Lower Upper

178 100

176 18.2 14.1 21.1

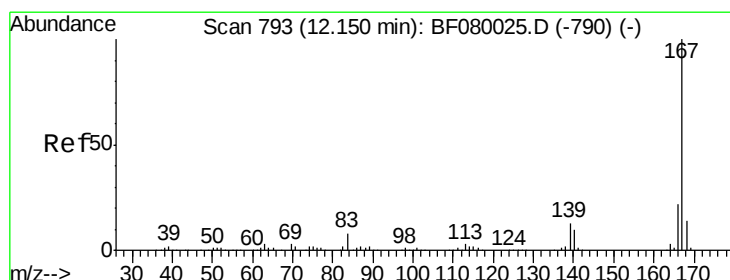
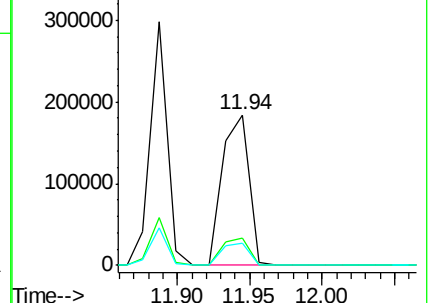
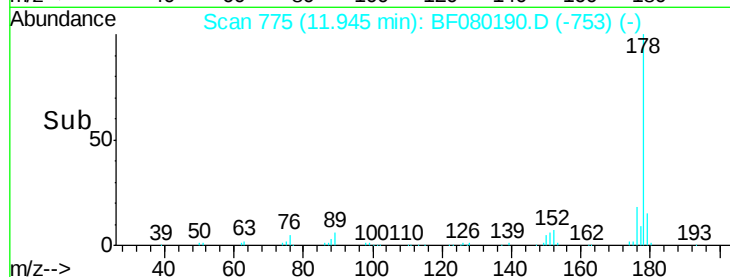
179 15.1 12.2 18.2



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: 28.32 ng

RT: 12.09 min Scan# 788

Delta R.T. -0.05 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

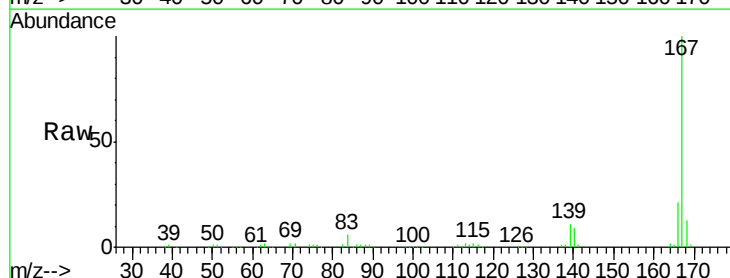
Tgt Ion:167 Resp: 215656

Ion Ratio Lower Upper

167 100

166 21.0 15.7 23.5

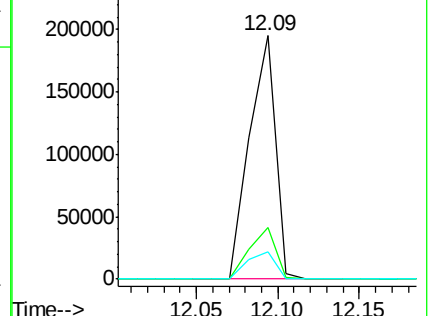
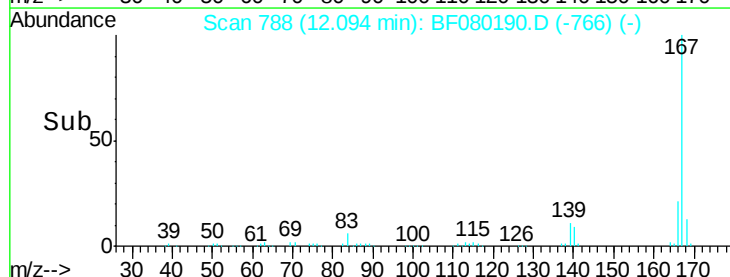
139 11.1 9.5 14.3



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: 27.39 ng

RT: 12.41 min Scan# 816

Delta R.T. -0.07 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

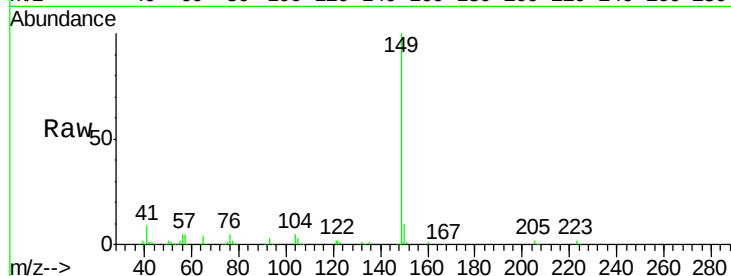
Tot Ion:149 Resp: 241009

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

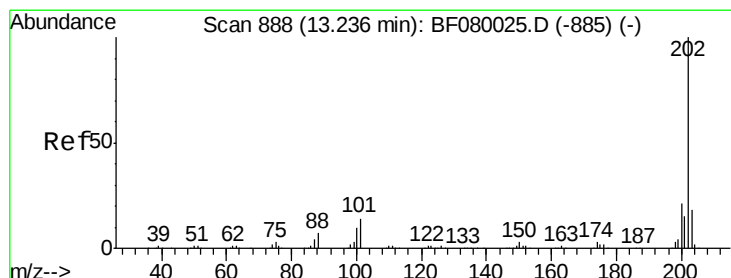
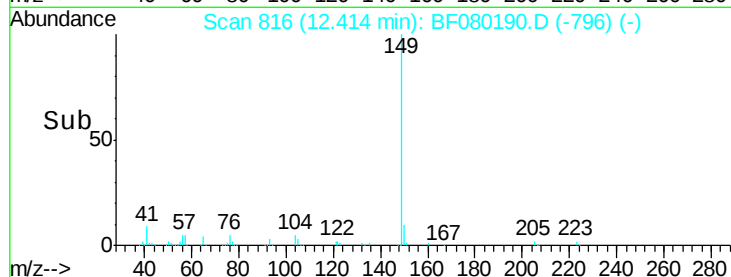
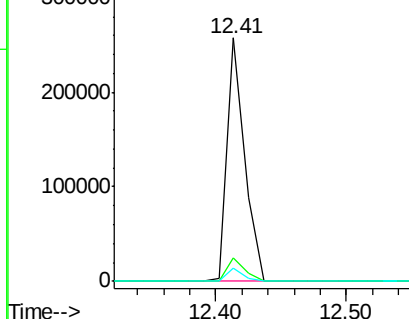
104 5.2 2.4 3.6#



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: 28.78 ng

RT: 13.13 min Scan# 879

Delta R.T. -0.11 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

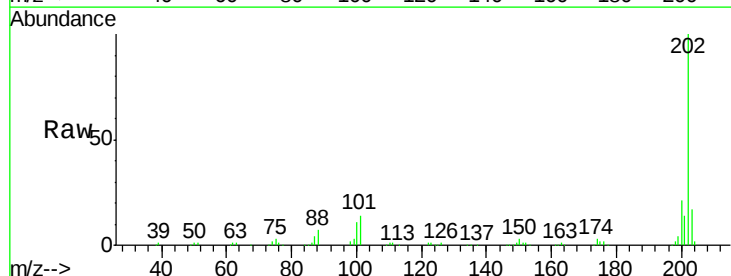
Tgt Ion:202 Resp: 253928

Ion Ratio Lower Upper

202 100

101 14.0 0.0 38.3

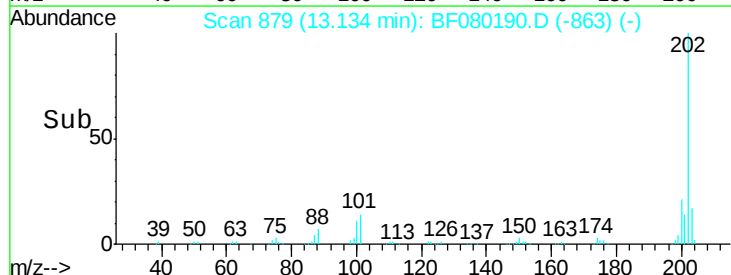
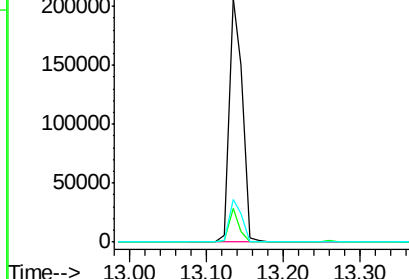
203 17.3 0.0 37.3

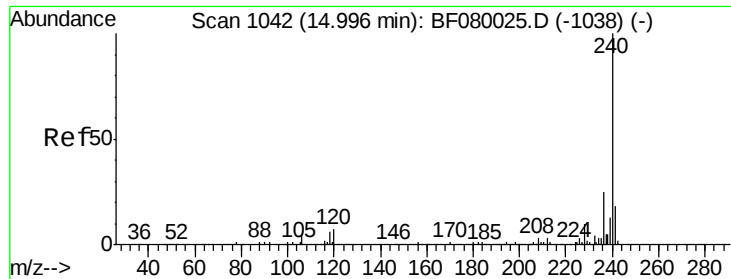


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.80 min Scan# 1025

Delta R.T. -0.19 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

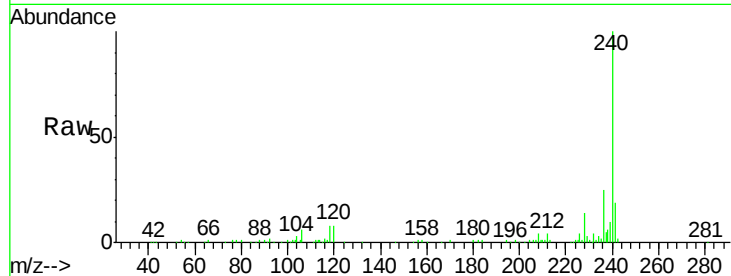
Tot Ion:240 Resp: 141047

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

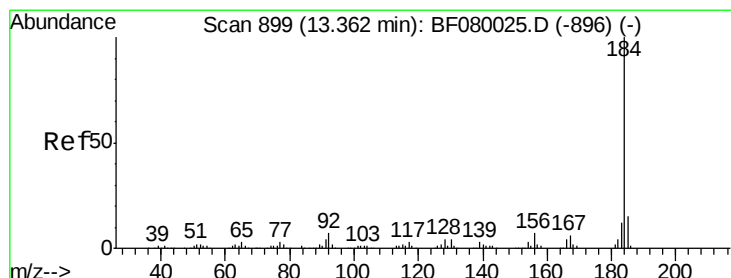
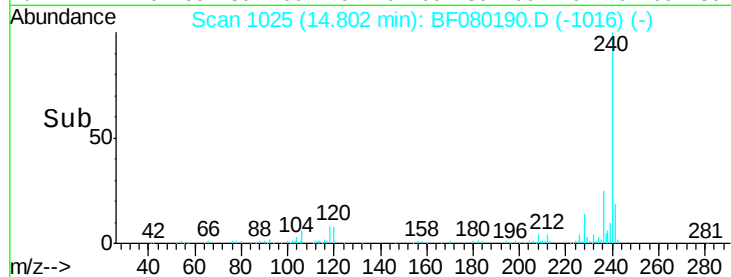
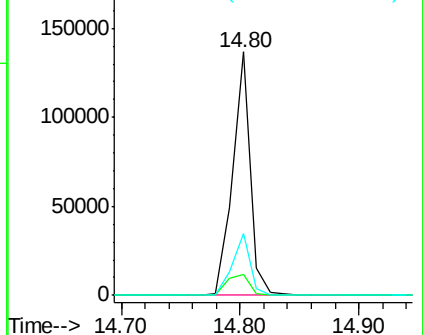
236 25.2 18.4 27.6



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: 60.37 ng

RT: 13.26 min Scan# 890

Delta R.T. -0.10 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

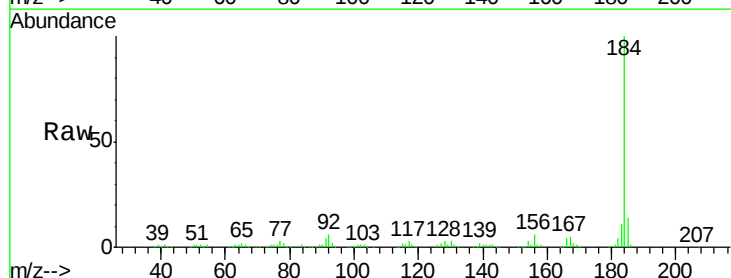
Tgt Ion:184 Resp: 238024

Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.6

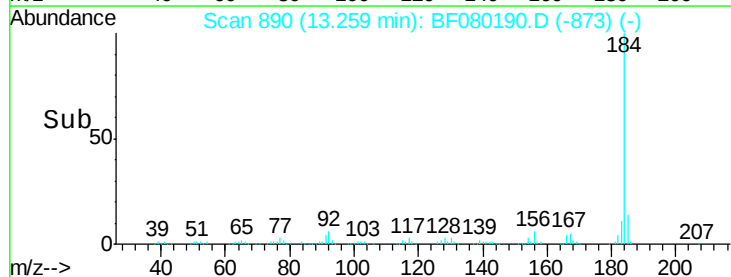
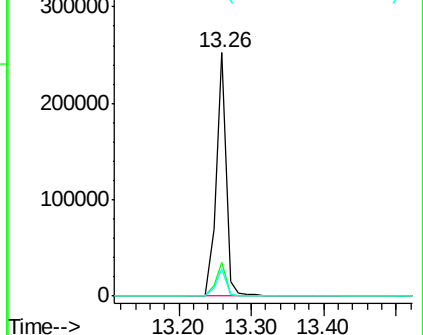
183 11.2 7.6 11.4

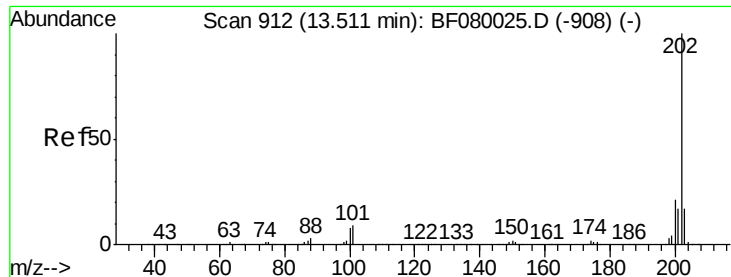


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

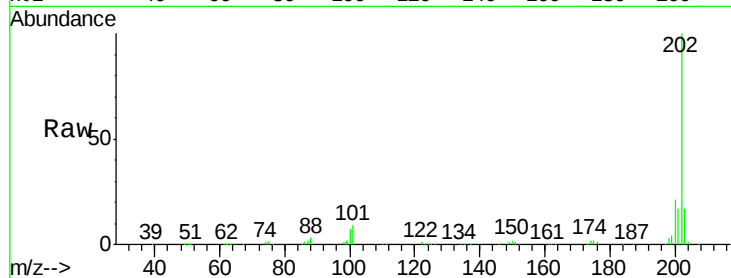




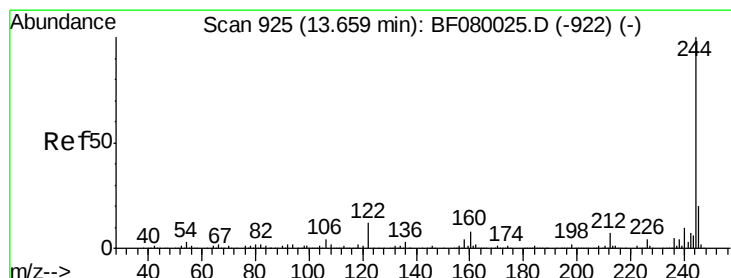
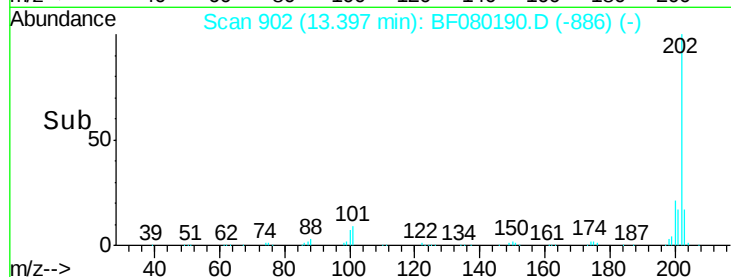
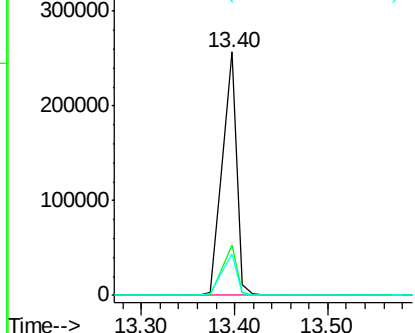
#77
Pvrene
Concen: 31.27 ng
RT: 13.40 min Scan# 902
Delta R.T. -0.11 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.0	22.4
203	16.8	14.1	21.1

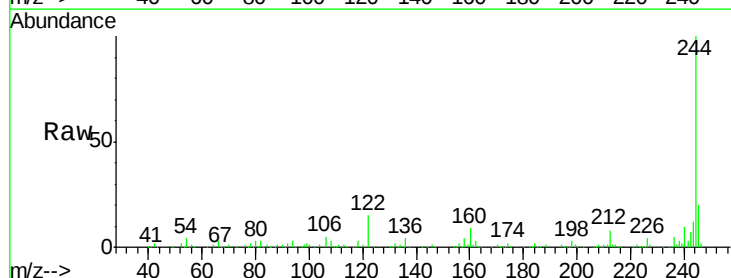


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

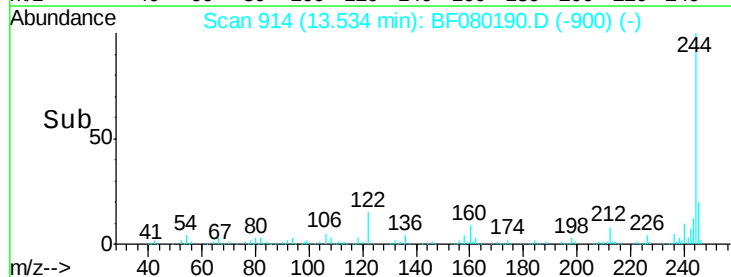
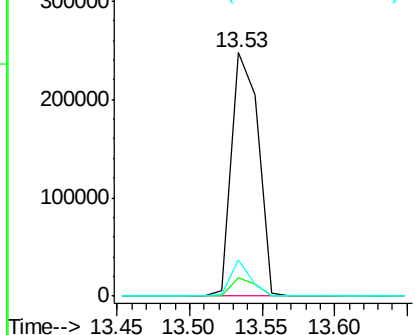


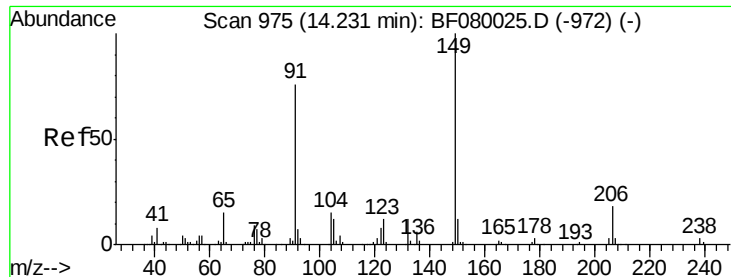
#78
Terphenyl-d14
Concen: 52.52 ng
RT: 13.53 min Scan# 914
Delta R.T. -0.14 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	15.1	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

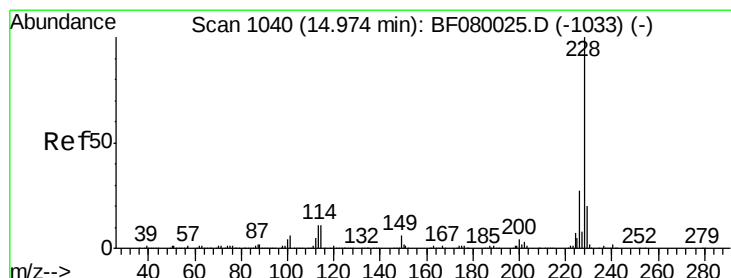
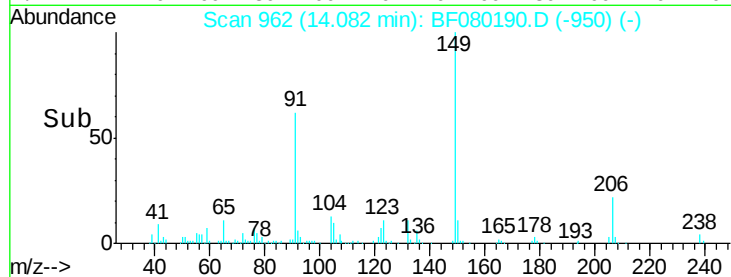
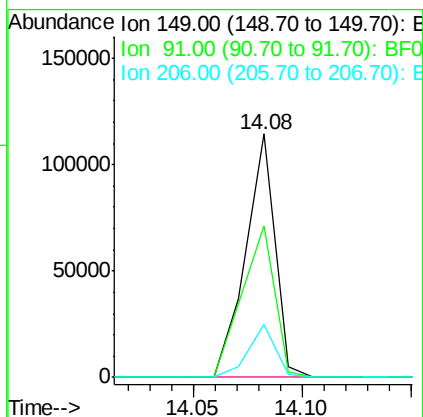
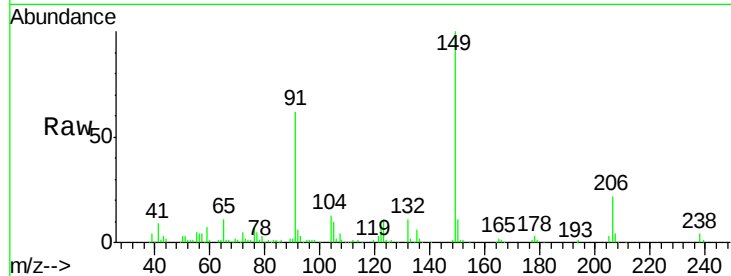




#79
Butylbenzylphthalate
Concen: 30.80 ng
RT: 14.08 min Scan# 962
Delta R.T. -0.16 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

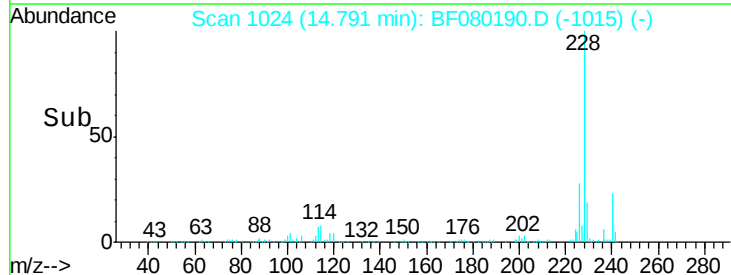
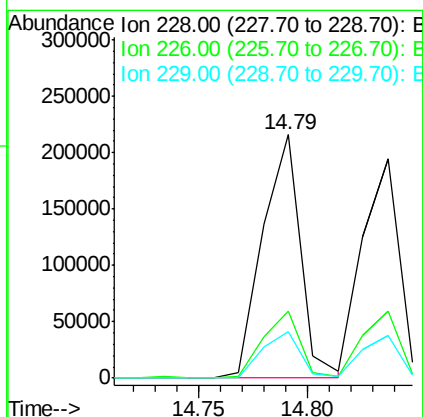
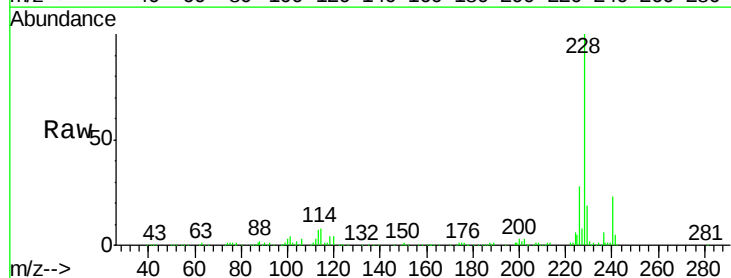
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 107416
Ion Ratio Lower Upper
149 100
91 62.3 48.6 72.8
206 21.6 14.9 22.3



#80
Benzo(a)anthracene
Concen: 30.58 ng
RT: 14.79 min Scan# 1024
Delta R.T. -0.19 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion:228 Resp: 262750
Ion Ratio Lower Upper
228 100
226 27.6 20.0 30.0
229 19.1 15.4 23.2





#81

3,3'-Dichlorobenzidine

Concen: 29.93 ng

RT: 14.73 min Scan# 1019

Delta R.T. -0.19 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

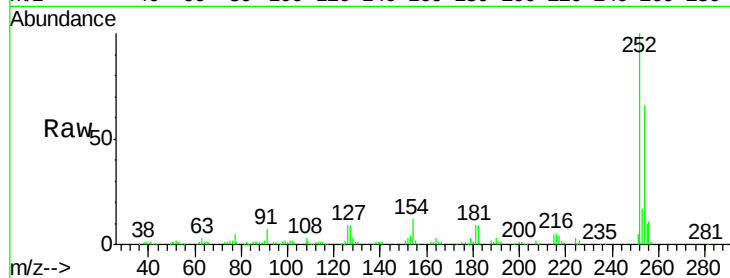
Tot Ion:252 Resp: 88693

Ion Ratio Lower Upper

252 100

254 66.0 51.4 77.2

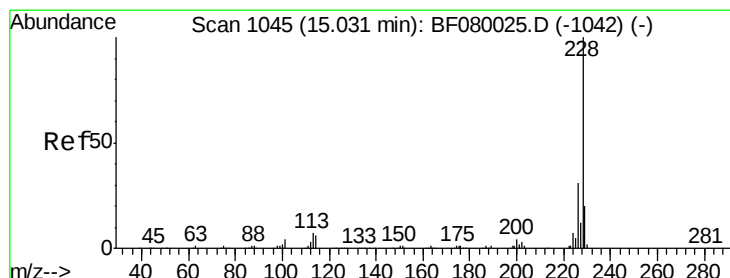
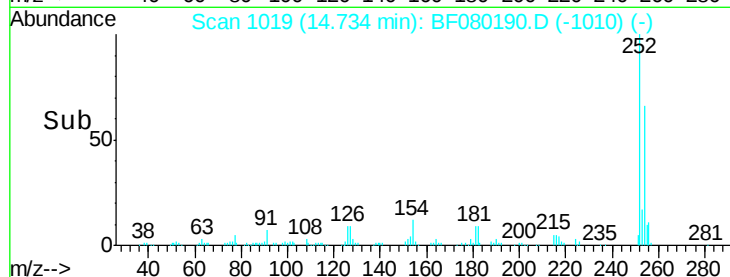
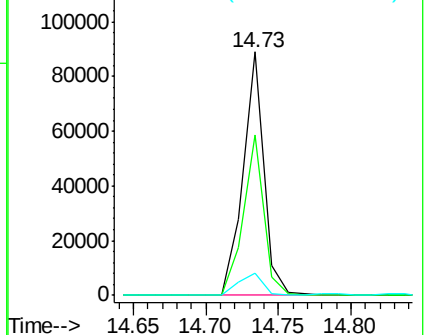
126 9.2 16.4 24.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 29.69 ng

RT: 14.84 min Scan# 1028

Delta R.T. -0.19 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

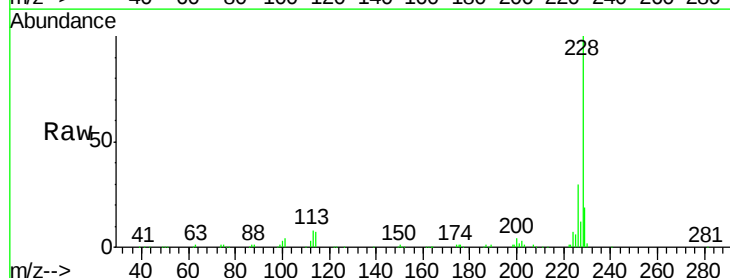
Tgt Ion:228 Resp: 235214

Ion Ratio Lower Upper

228 100

226 30.3 21.0 31.4

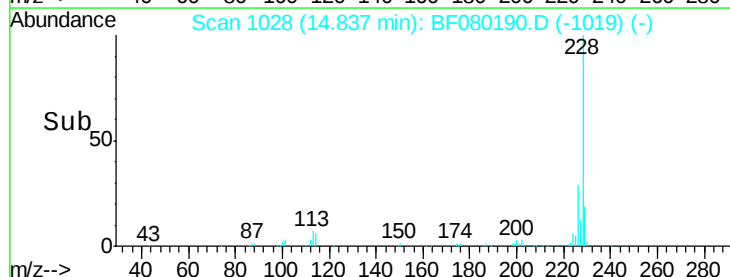
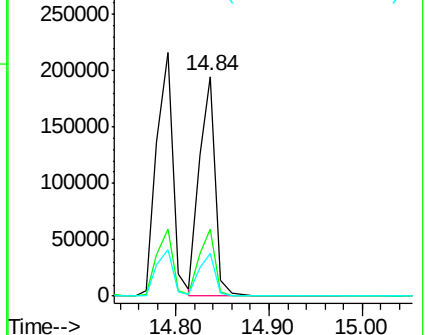
229 19.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.08 ng

RT: 14.77 min Scan# 1022

Delta R.T. -0.19 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

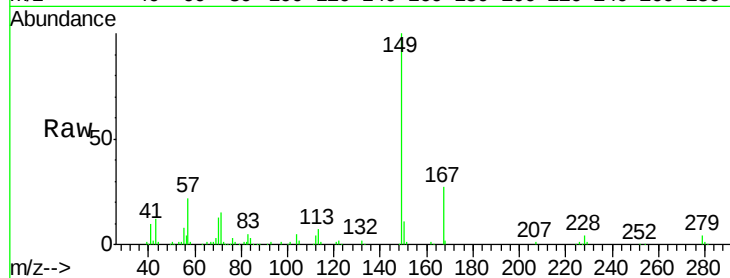
Tot Ion:149 Resp: 154754

Ion Ratio Lower Upper

149 100

167 27.1 24.2 36.2

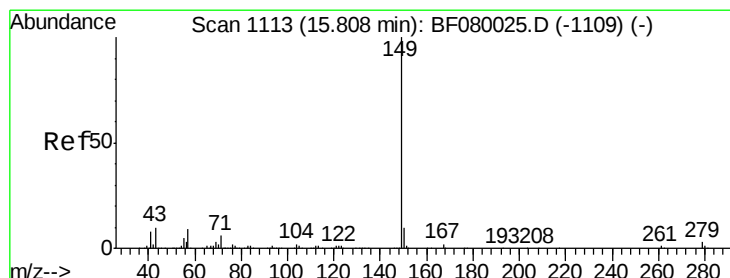
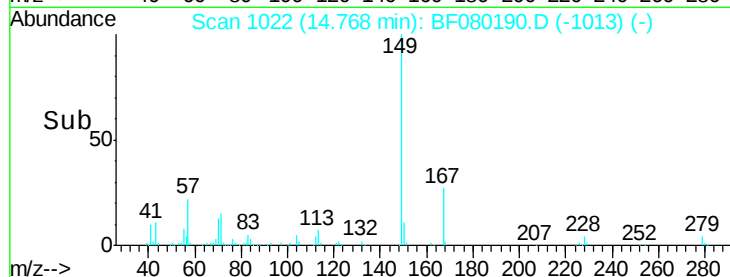
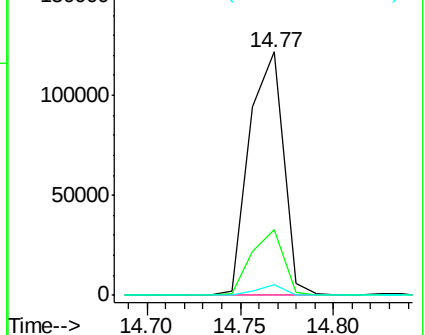
279 4.3 3.8 5.6



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: 26.91 ng

RT: 15.56 min Scan# 1091

Delta R.T. -0.26 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

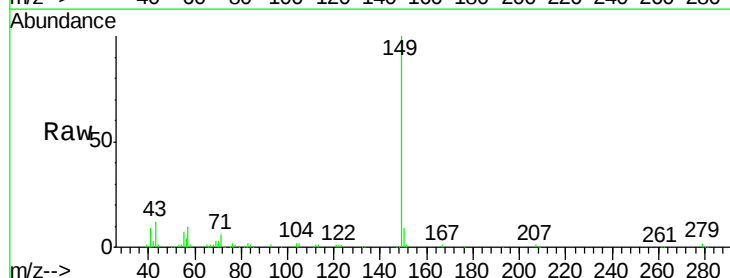
Tgt Ion:149 Resp: 254192

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

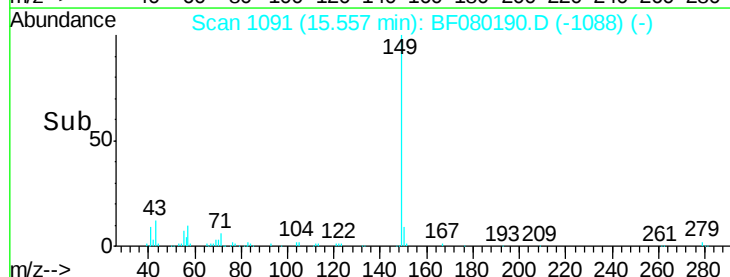
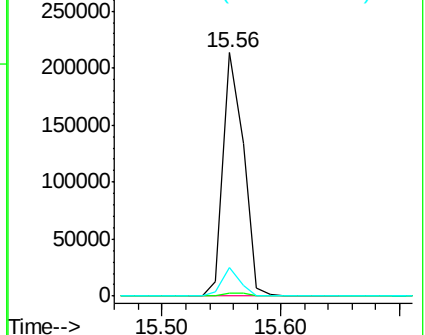
43 11.1 10.2 15.2



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

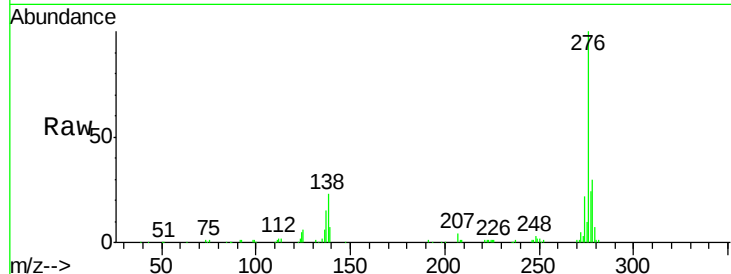




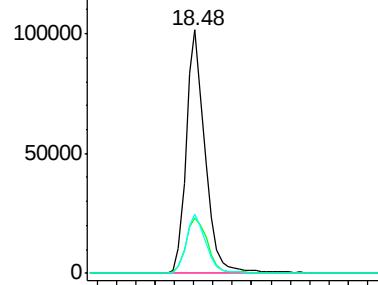
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.19 ng
 RT: 18.48 min Scan# 1347
 Delta R.T. -0.31 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampled :

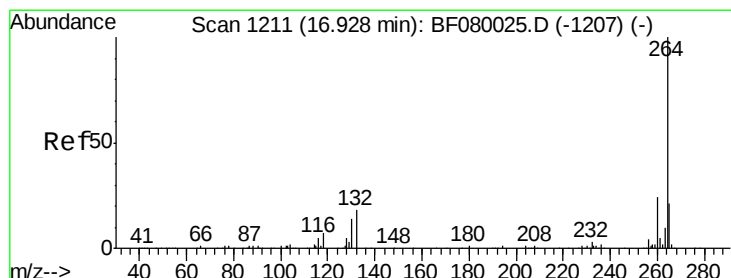
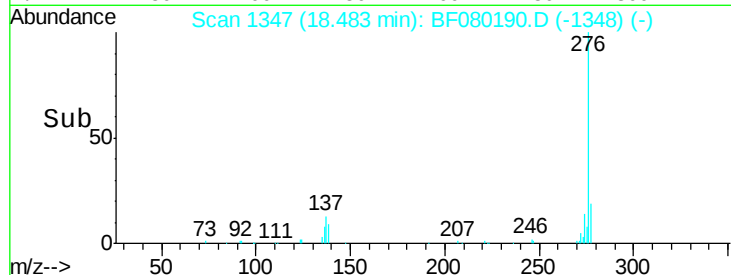
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.7	38.5
277	24.9	15.6	23.4



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

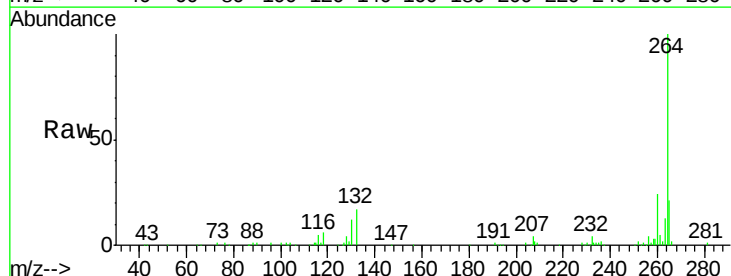


Time-->

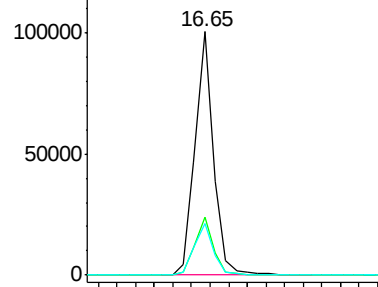


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.65 min Scan# 1187
 Delta R.T. -0.27 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

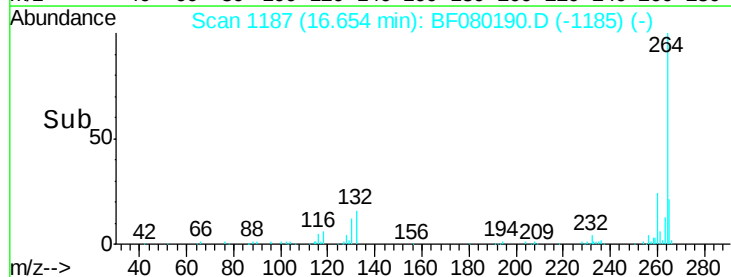
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.4	17.2	25.8



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



Time-->

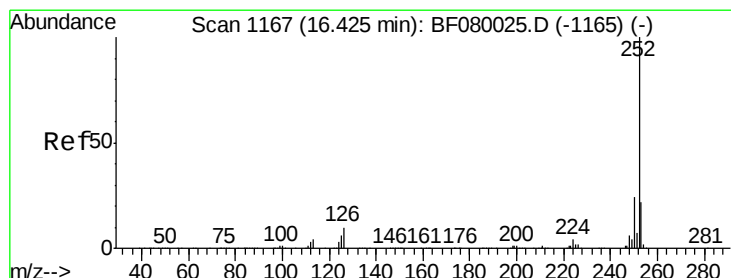
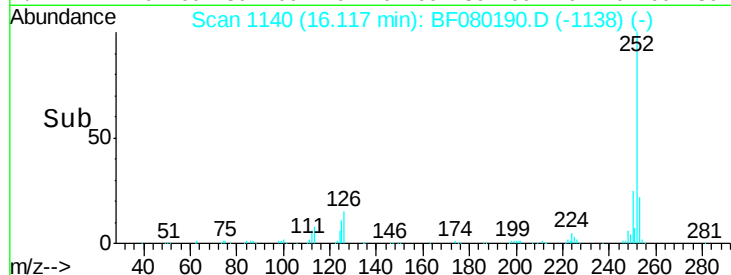
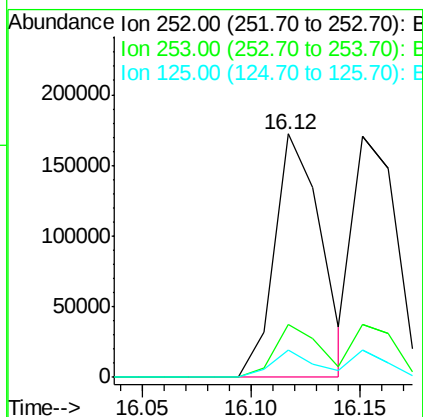
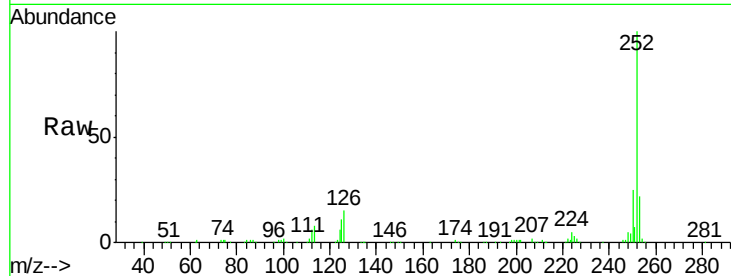




#87
Benzo(b)fluoranthene
Concen: 30.73 ng
RT: 16.12 min Scan# 1140
Delta R.T. -0.27 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

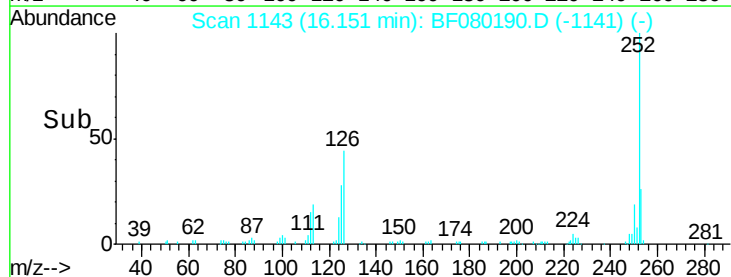
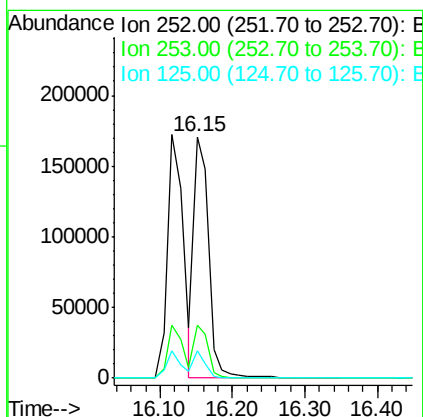
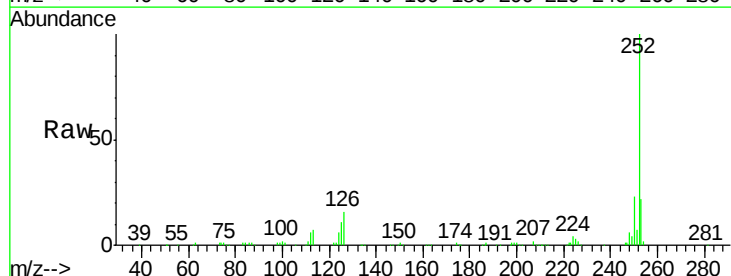
Instrument :
BNA_F
ClientSampleId :

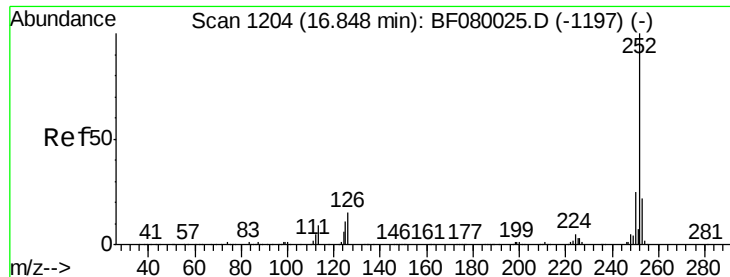
Tot Ion:252 Resp: 256818
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 11.2 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 28.79 ng
RT: 16.15 min Scan# 1143
Delta R.T. -0.27 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion:252 Resp: 245008
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 11.3 16.0 24.0#

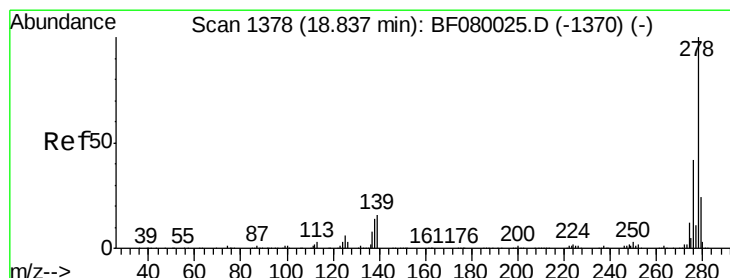
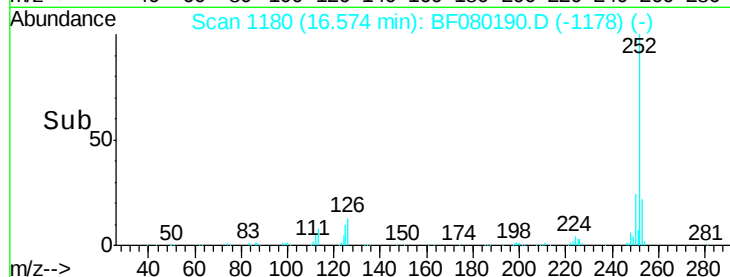
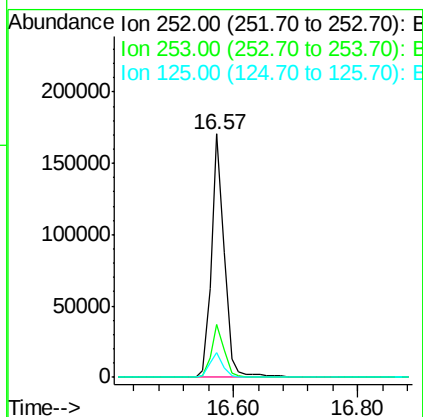
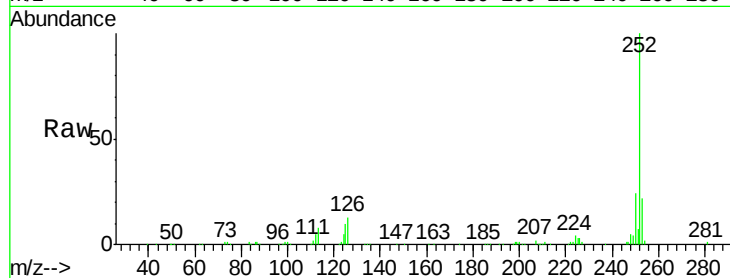




#89
Benzo(a)pyrene
Concen: 30.68 ng
RT: 16.57 min Scan# 1180
Delta R.T. -0.27 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

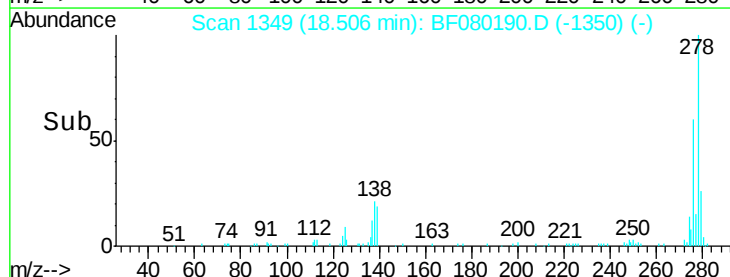
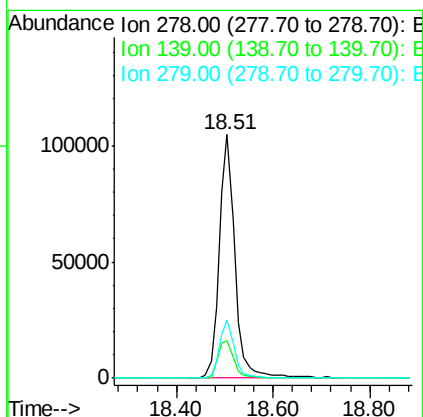
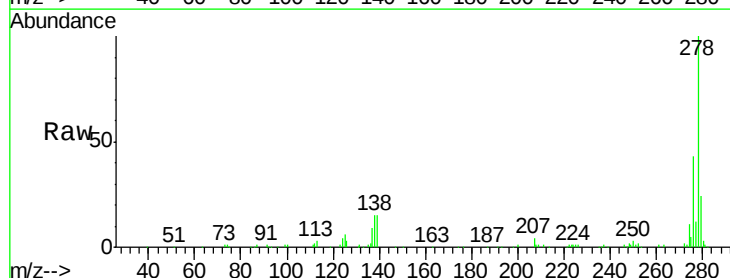
Instrument :
BNA_F
ClientSampleId :

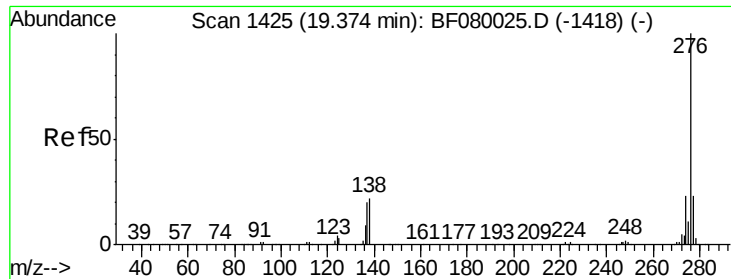
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.3	18.0	27.0#



#90
Dibenzo(a,h)anthracene
Concen: 29.11 ng
RT: 18.51 min Scan# 1349
Delta R.T. -0.31 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	26.3	39.5#
279	23.7	18.2	27.4





#91

Benzo(a,h,i)perylene

Concen: 29.46 ng

RT: 19.03 min Scan# 1395

Delta R.T. -0.32 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

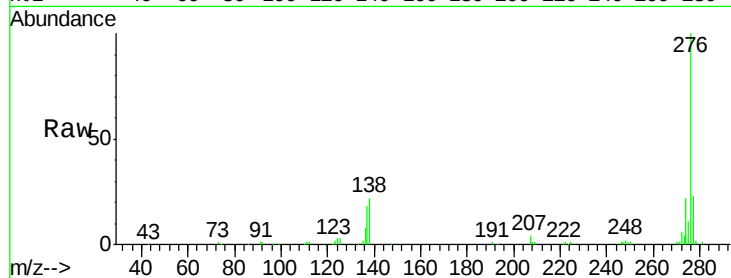
Tot Ion: 276 Resp: 241622

Ion Ratio Lower Upper

276 100

277 23.4 17.8 26.6

138 21.8 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

