

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062615\NEW FOLDER\BF062615\
 Data File : BF080188.D
 Acq On : 26 Jun 2015 14:37
 Operator : TP/IZ
 Sample : PB84243BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 09:28:34 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	30364	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	120519	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	61261	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	125377	20.00	ng	-0.05
75) Chrysene-d12	14.84	240	131249	20.00	ng	-0.16
86) Perylene-d12	16.71	264	126785	20.00	ng	-0.22

System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	225439	131.43	ng	-0.03
7) Phenol-d6	6.89	99	297075	130.15	ng	-0.03
23) Nitrobenzene-d5	7.85	82	188150	90.89	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	78134	130.43	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	348620	81.16	ng	-0.03
78) Terphenyl-d14	13.57	244	415211	73.88	ng	-0.10

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	27982	34.32	ng	87
3) Pyridine	3.98	79	75950	35.03	ng	# 83
4) n-Nitrosodimethylamine	3.89	42	39119	37.96	ng	# 92
6) Aniline	6.95	93	84310	26.85	ng	94
8) 2-Chlorophenol	7.08	128	87081	43.93	ng	88
9) Benzaldehyde	6.84	77	39575	30.03	ng	# 72
10) Phenol	6.92	94	101666	40.81	ng	88
11) bis(2-Chloroethyl)ether	7.01	93	74328	37.61	ng	93
12) 1,3-Dichlorobenzene	7.24	146	93774	39.37	ng	# 90
13) 1,4-Dichlorobenzene	7.32	146	97590	43.09	ng	96
14) 1,2-Dichlorobenzene	7.32	146	97590	44.28	ng	98
15) Benzyl Alcohol	7.42	79	76392	40.93	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.57	45	131923	44.97	ng	85
17) 2-Methylphenol	7.53	107	65075	38.43	ng	# 89
18) Hexachloroethane	7.82	117	32368	42.92	ng	# 82
19) n-Nitroso-di-n-propylamine	7.69	70	59478	37.53	ng	# 76
20) 3+4-Methylphenols	7.68	107	94009	43.02	ng	90
22) Acetophenone	7.69	105	118875	42.33	ng	# 83
24) Nitrobenzene	7.88	77	85609	40.06	ng	# 78
25) Isophorone	8.10	82	159892	38.38	ng	# 85
26) 2-Nitrophenol	8.20	139	42941	48.01	ng	# 76
27) 2,4-Dimethylphenol	8.22	122	80300	43.06	ng	# 85
28) bis(2-Chloroethoxy)methane	8.31	93	99199	40.53	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	75412	47.22	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	80444	44.35	ng	99
31) Naphthalene	8.61	128	251940	39.98	ng	98
32) Benzoic acid	8.28	122	42201	37.43	ng	# 66
33) 4-Chloroaniline	8.64	127	58519	21.70	ng	# 84
34) Hexachlorobutadiene	8.73	225	44158	39.54	ng	96
35) Caprolactam	8.98	113	21631	41.73	ng	98
36) 4-Chloro-3-methylphenol	9.12	107	68759	38.17	ng	97
37) 2-Methylnaphthalene	9.30	142	179471	44.03	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	78669	44.13	ng	99
40) Hexachlorocyclopentadiene	9.46	237	70802	77.40	ng	97

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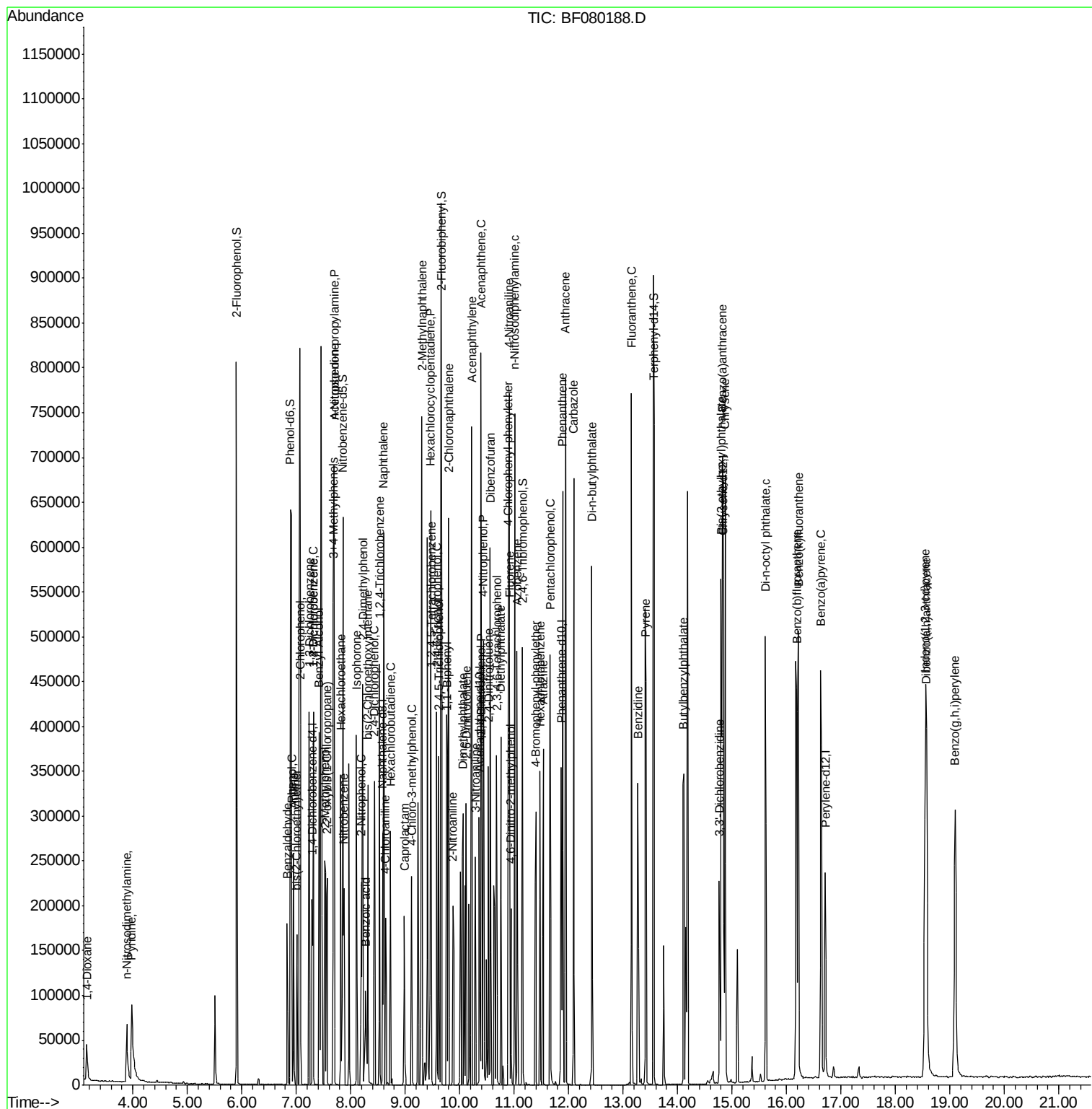
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	55694	45.92	nq	99
43) 2,4,5-Trichlorophenol	9.61	196	54116	38.72	nq	# 90
45) 1,1'-Biphenyl	9.77	154	192783	38.68	nq	95
46) 2-Chloronaphthalene	9.80	162	163259	40.37	nq	93
47) 2-Nitroaniline	9.88	65	44343	39.94	nq	# 57
48) Acenaphthylene	10.22	152	281002	41.63	nq	97
49) Dimethylphthalate	10.06	163	182263	39.57	nq	# 96
50) 2,6-Dinitrotoluene	10.12	165	36928	40.00	nq	# 42
51) Acenaphthene	10.39	154	170155	41.21	nq	91
52) 3-Nitroaniline	10.29	138	34371	32.26	nq	# 55
53) 2,4-Dinitrophenol	10.40	184	34075	89.89	nq	# 17
54) Dibenzofuran	10.56	168	235964	40.27	nq	# 88
55) 4-Nitrophenol	10.44	139	71713	84.22	nq	# 51
56) 2,4-Dinitrotoluene	10.53	165	57855	49.38	nq	# 88
57) Fluorene	10.92	166	188508	40.54	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	46443	39.36	nq	# 97
59) Diethylphthalate	10.76	149	173267	37.36	nq	95
60) 4-Chlorophenyl-phenylether	10.89	204	88252	39.50	nq	# 85
61) 4-Nitroaniline	10.90	138	42374	38.51	nq	# 47
62) Azobenzene	11.05	77	183108	38.79	nq	86
64) 4,6-Dinitro-2-methylphenol	10.94	198	22992	39.22	nq	87
65) n-Nitrosodiphenylamine	11.01	169	165575	40.56	nq	93
66) 4-Bromophenyl-phenylether	11.40	248	54572	40.94	nq	# 88
67) Hexachlorobenzene	11.48	284	58585	39.54	nq	# 79
68) Atrazine	11.53	200	52710	40.86	nq	84
69) Pentachlorophenol	11.66	266	61030	72.69	nq	98
70) Phenanthrene	11.89	178	280748	36.99	nq	97
71) Anthracene	11.94	178	301298	41.22	nq	99
72) Carbazole	12.09	167	262440	37.61	nq	96
73) Di-n-butylphthalate	12.42	149	287737	35.69	nq	# 98
74) Fluoranthene	13.16	202	322272	39.87	nq	90
76) Benzidine	13.27	184	149553	40.76	nq	# 97
77) Pyrene	13.42	202	318212	39.38	nq	97
79) Butylbenzylphthalate	14.12	149	126714	39.05	nq	# 92
80) Benzo(a)anthracene	14.83	228	322202	40.30	nq	97
81) 3,3'-Dichlorobenzidine	14.77	252	62338	22.60	nq	# 94
82) Chrysene	14.87	228	290093	39.34	nq	96
83) Bis(2-ethylhexyl)phthalate	14.80	149	182371	35.56	nq	# 90
84) Di-n-octyl phthalate	15.61	149	303557	34.54	nq	96
85) Indeno(1,2,3-cd)pyrene	18.55	276	355172	38.20	nq	# 90
87) Benzo(b)fluoranthene	16.19	252	312959	40.77	nq	# 85
88) Benzo(k)fluoranthene	16.22	252	303484	38.82	nq	# 87
89) Benzo(a)pyrene	16.63	252	304746	41.80	nq	# 89
90) Dibenzo(a,h)anthracene	18.57	278	300373	40.26	nq	# 81
91) Benzo(g,h,i)perylene	19.10	276	302865	40.20	nq	# 78

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

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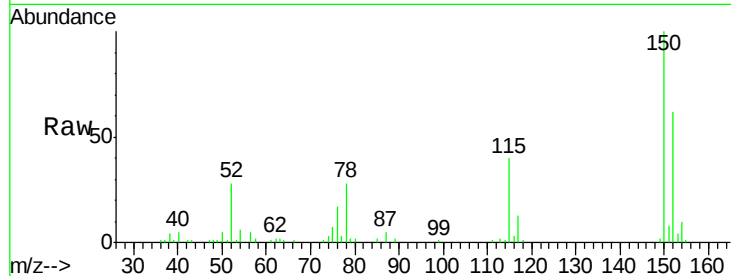


#1

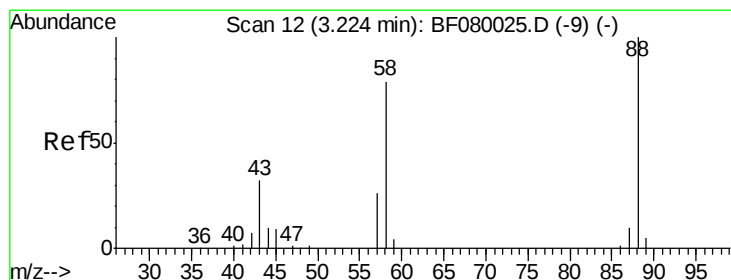
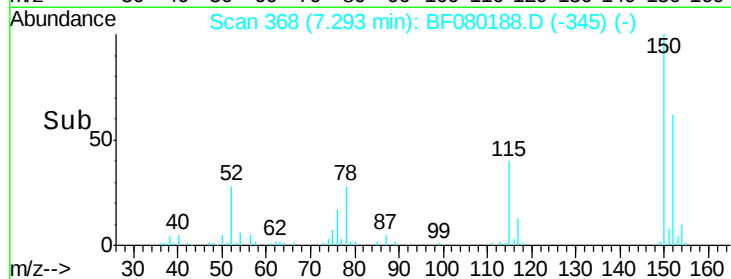
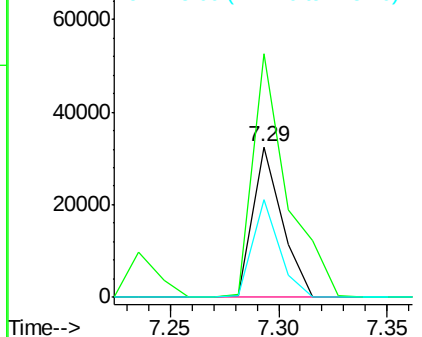
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 30364
Ion Ratio Lower Upper
152 100
150 161.8 124.7 187.1
115 64.7 39.0 58.4#



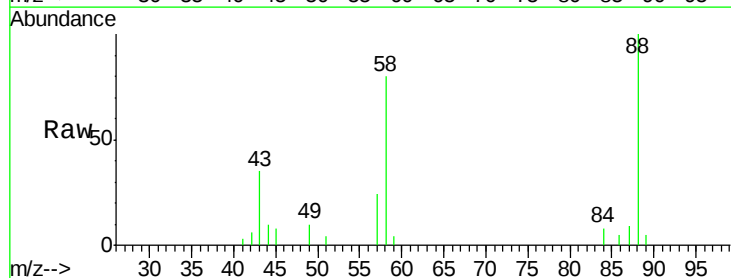
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



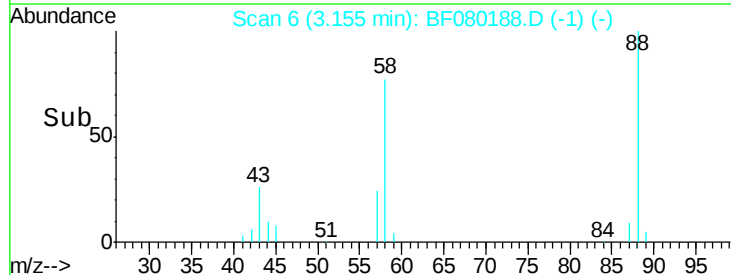
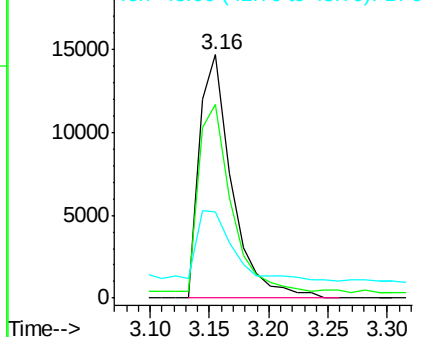
#2

1,4-Dioxane
Concen: 34.32 ng
RT: 3.16 min Scan# 6
Delta R.T. -0.03 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion: 88 Resp: 27982
Ion Ratio Lower Upper
88 100
58 79.9 77.7 116.5
43 32.3 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: 35.03 ng

RT: 3.98 min Scan# 78

Delta R.T. -0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

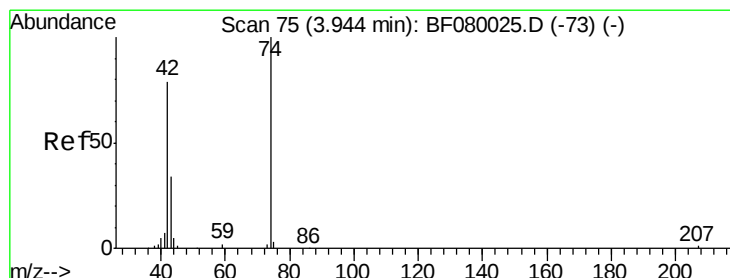
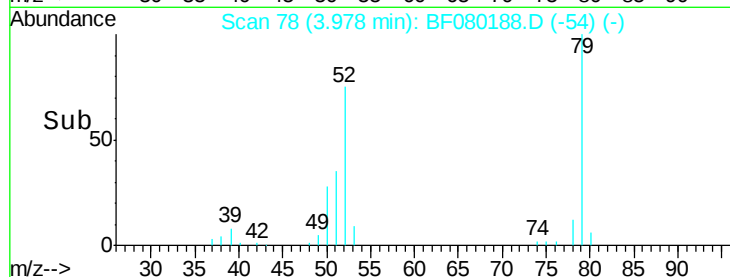
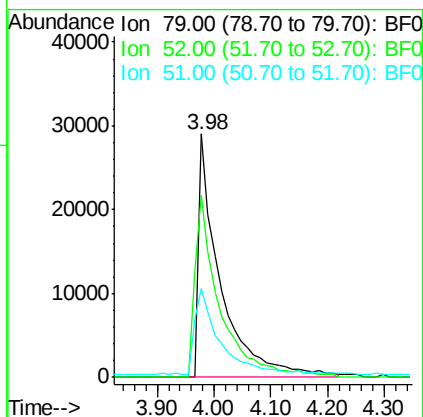
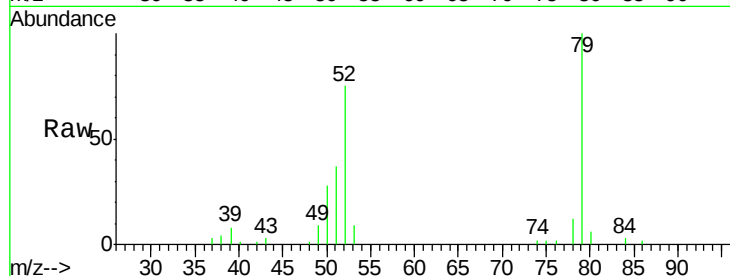
Tot Ion: 79 Resp: 75950

Ion Ratio Lower Upper

79 100

52 74.6 76.8 115.2#

51 36.5 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 37.96 ng

RT: 3.89 min Scan# 70

Delta R.T. -0.03 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

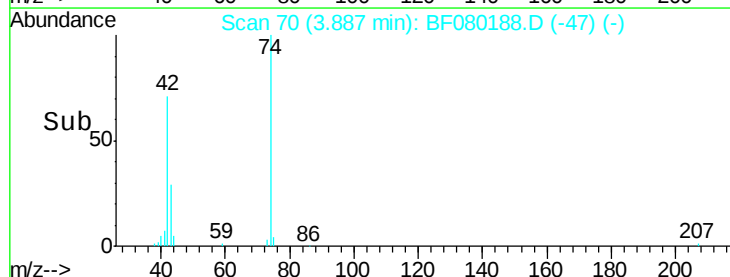
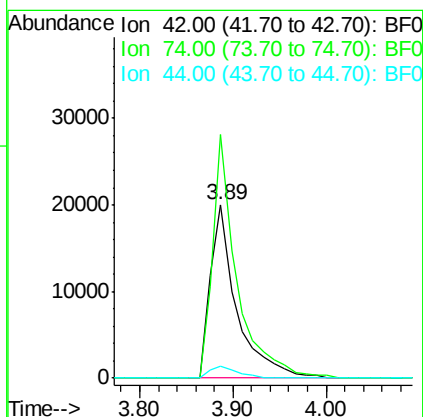
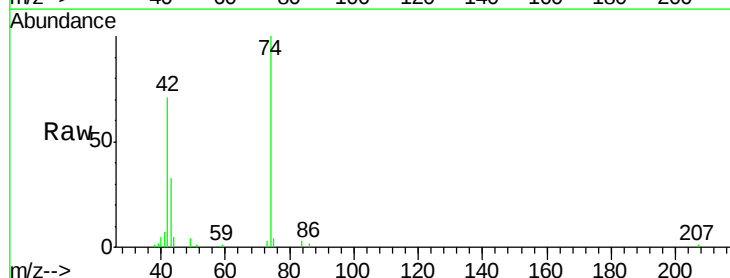
Tgt Ion: 42 Resp: 39119

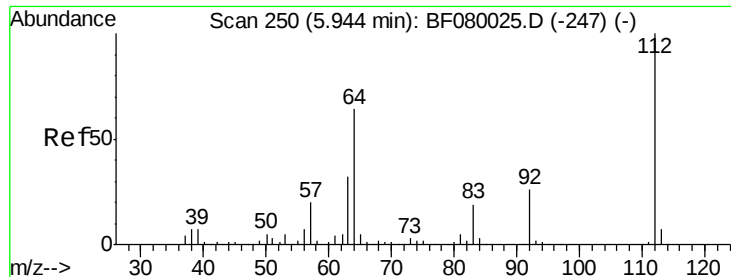
Ion Ratio Lower Upper

42 100

74 140.6 105.0 157.6

44 6.6 6.6 10.0#





#5

2-Fluorophenol

Concen: 131.43 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampled :

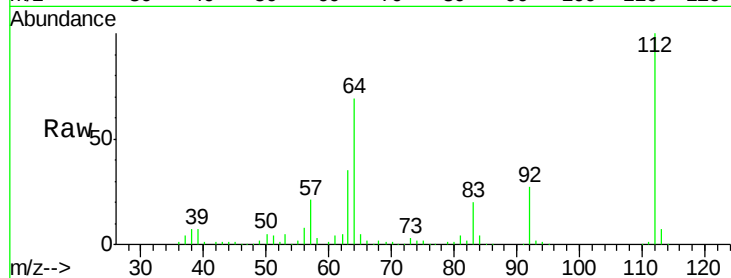
Tot Ion: 112 Resp: 225439

Ion Ratio Lower Upper

112 100

64 69.0 39.7 59.5#

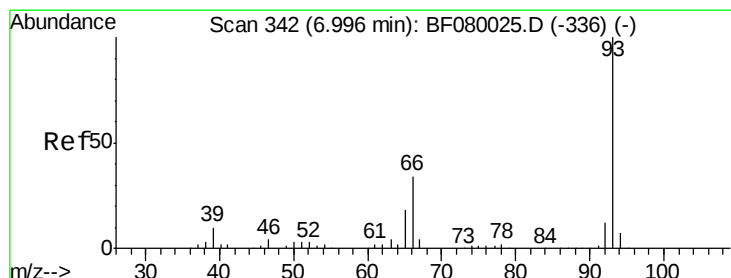
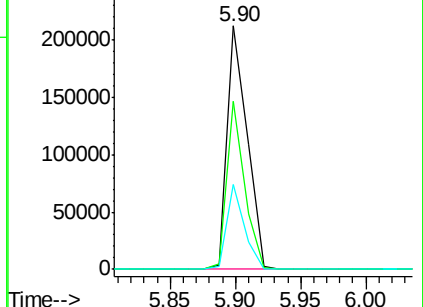
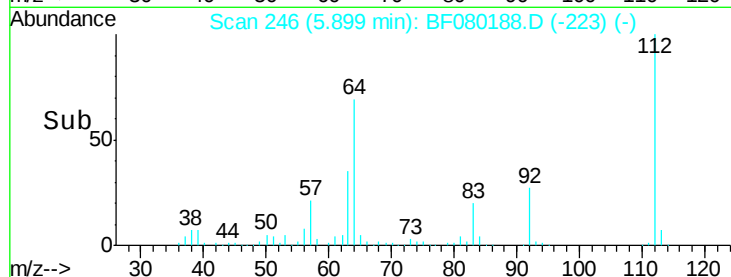
63 35.0 17.4 26.0#



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: 26.85 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

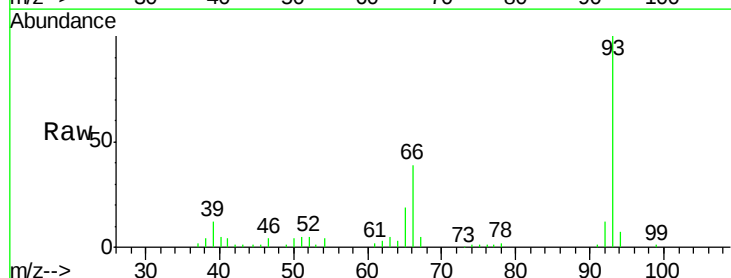
Tgt Ion: 93 Resp: 84310

Ion Ratio Lower Upper

93 100

66 38.6 27.2 40.8

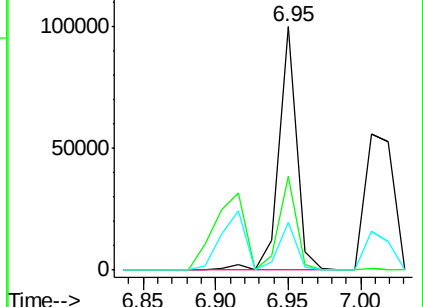
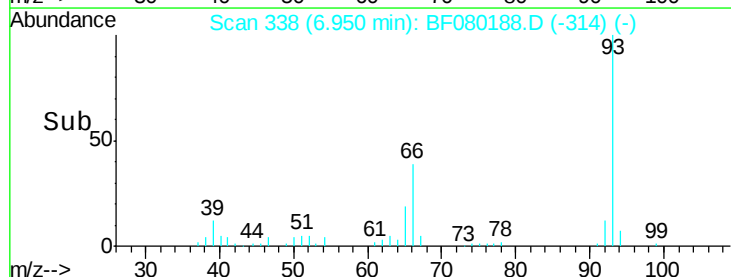
65 19.5 14.7 22.1



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: 130.15 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampled :

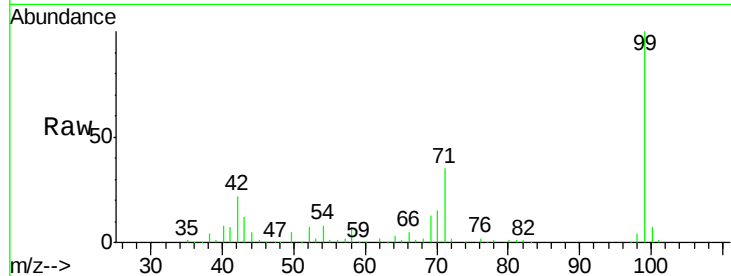
Tot Ion: 99 Resp: 297075

Ion Ratio Lower Upper

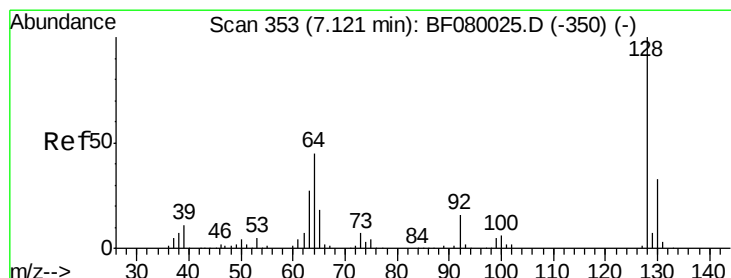
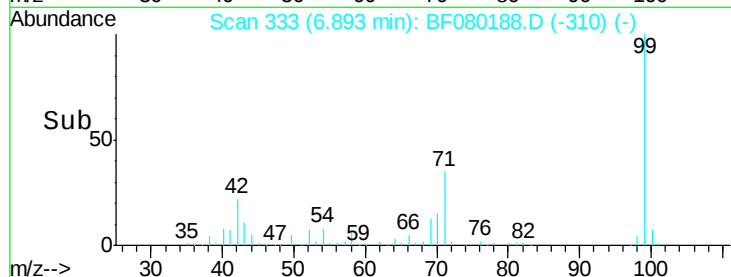
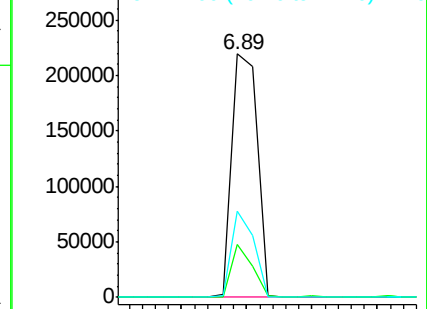
99 100

42 21.8 13.7 20.5#

71 35.2 14.2 21.2#



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



#8

2-Chlorophenol

Concen: 43.93 ng

RT: 7.08 min Scan# 349

Delta R.T. -0.03 min

Lab File: BF080188.D

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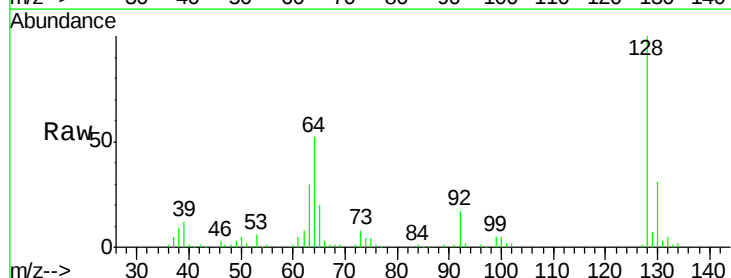
Tgt Ion: 128 Resp: 87081

Ion Ratio Lower Upper

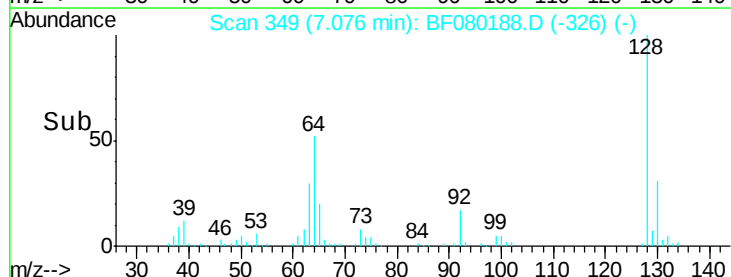
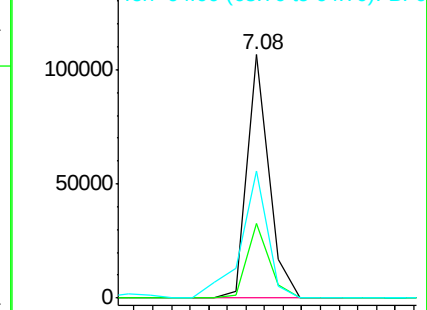
128 100

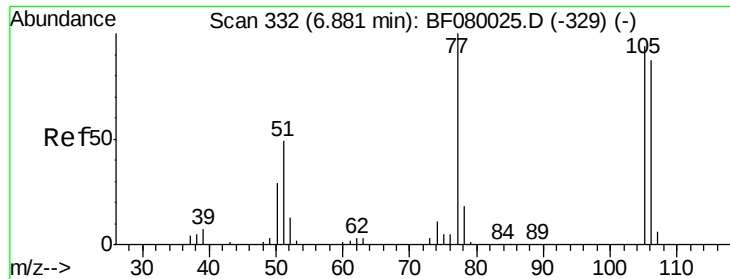
130 30.6 12.2 52.2

64 52.3 20.5 60.5



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





#9

Benzaldehyde

Concen: 30.03 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

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Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampled :

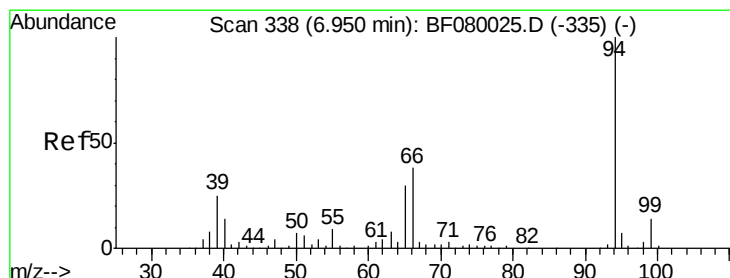
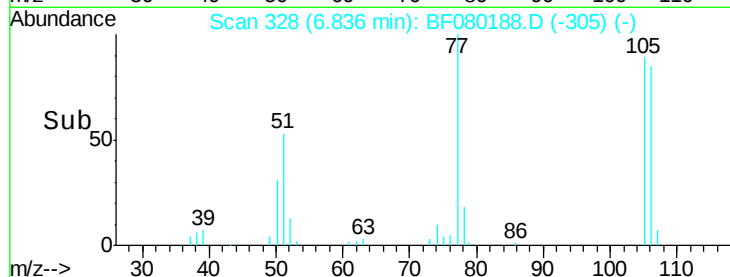
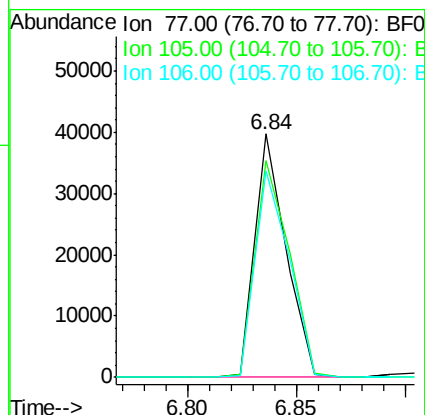
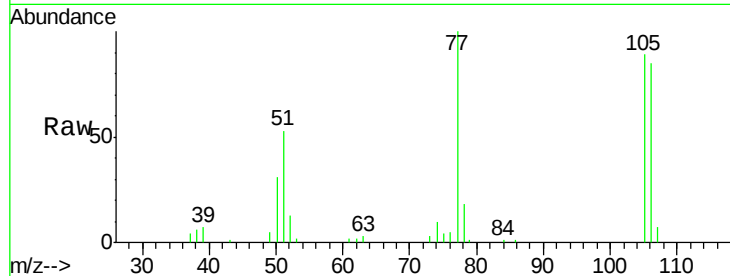
Tot Ion: 77 Resp: 39575

Ion Ratio Lower Upper

77 100

105 89.2 91.6 131.6#

106 84.8 102.6 142.6#



#10

Phenol

Concen: 40.81 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.02 min

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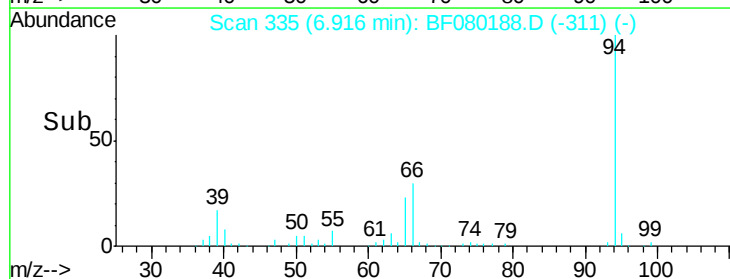
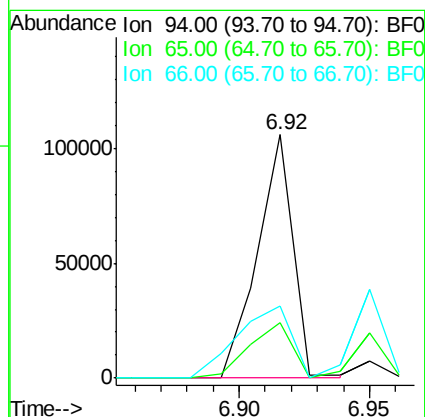
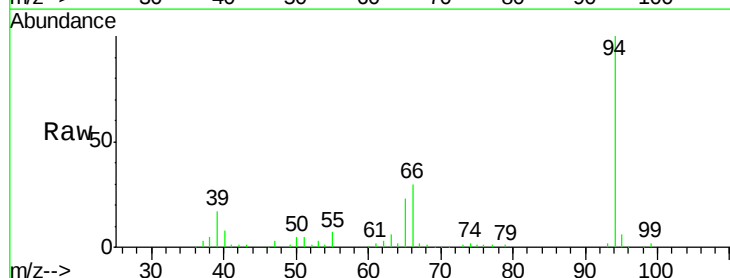
Tgt Ion: 94 Resp: 101666

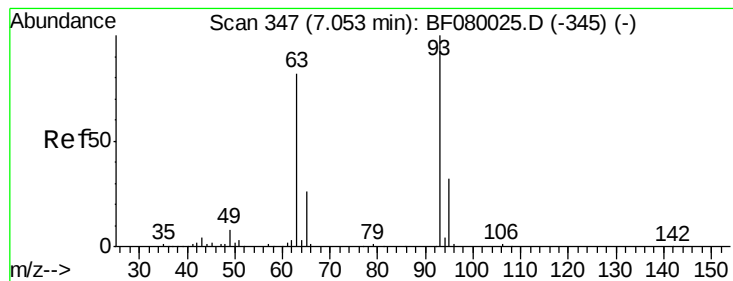
Ion Ratio Lower Upper

94 100

65 22.7 0.7 40.7

66 29.6 0.8 40.8

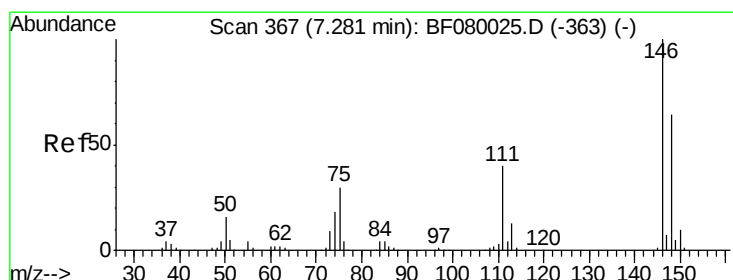
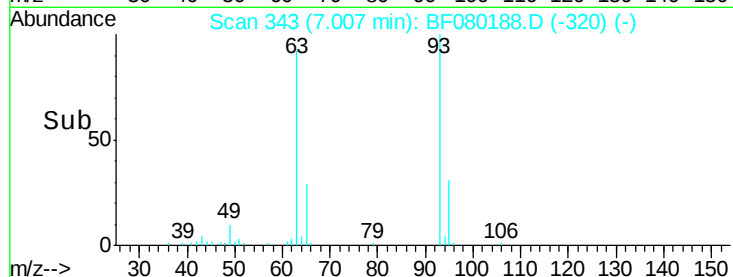
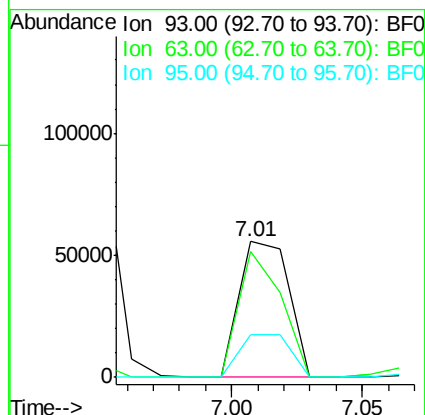
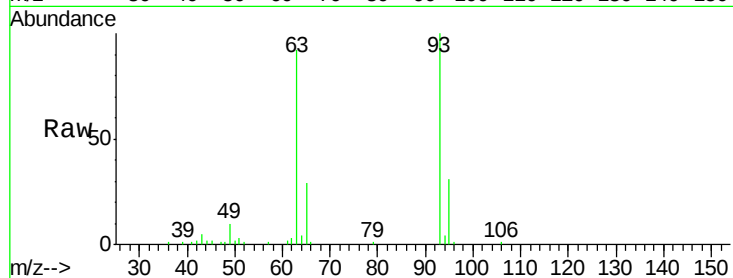




#11
bis(2-Chloroethyl)ether
Concen: 37.61 ng
RT: 7.01 min Scan# 343
Delta R.T. -0.03 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

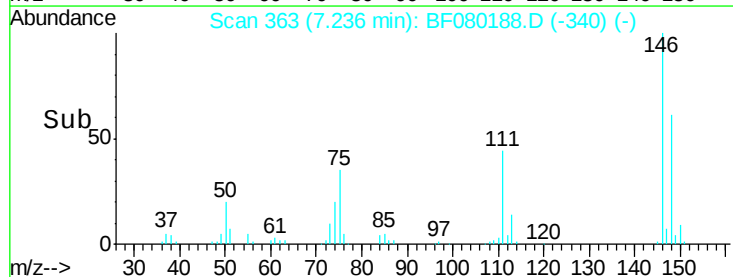
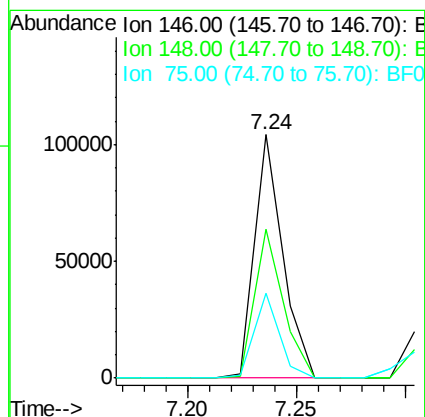
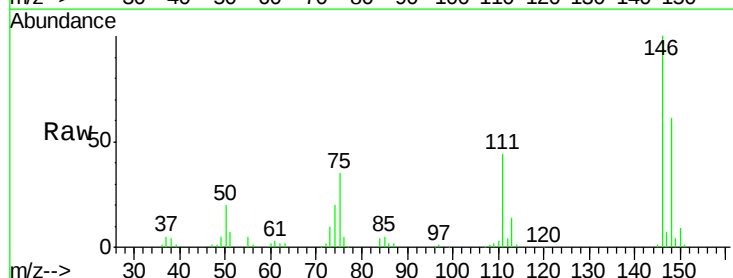
Instrument :
BNA_F
ClientSampled :

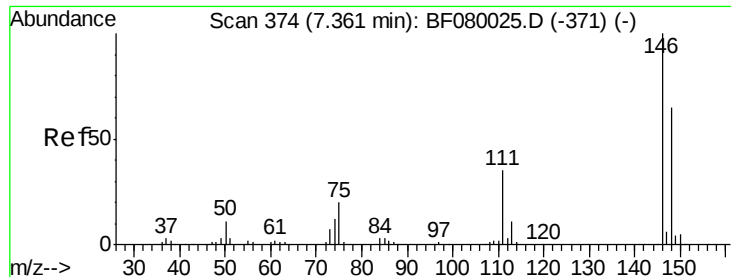
Tot Ion: 93 Resp: 74328
Ion Ratio Lower Upper
93 100
63 92.5 65.6 105.6
95 31.3 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 39.37 ng
RT: 7.24 min Scan# 363
Delta R.T. -0.03 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion: 146 Resp: 93774
Ion Ratio Lower Upper
146 100
148 61.4 51.0 76.4
75 34.7 15.0 22.6#

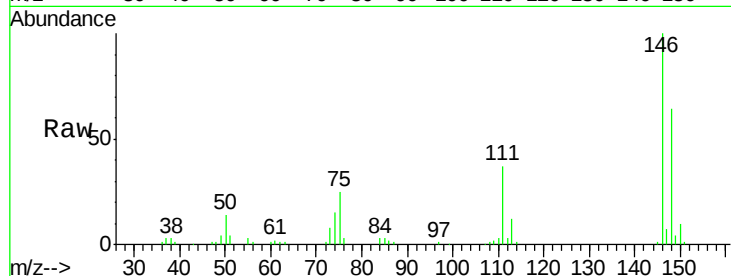




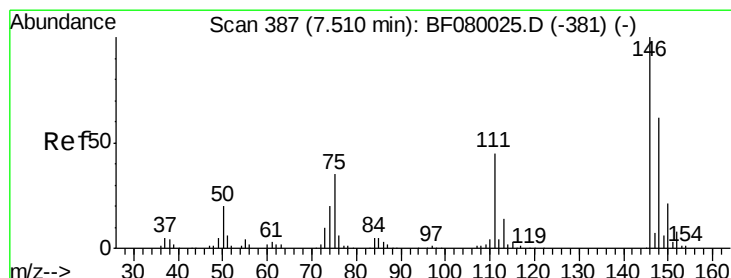
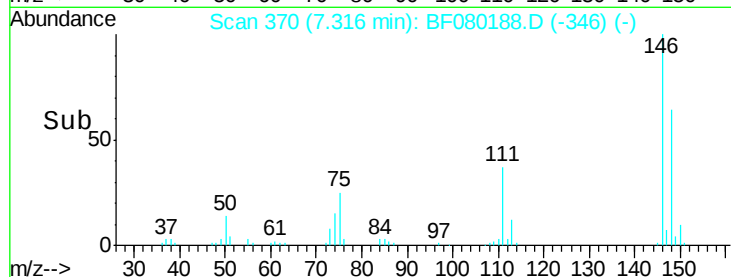
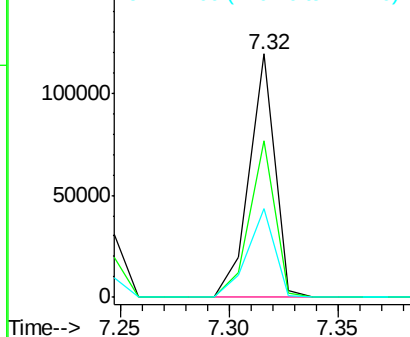
#13
 1,4-Dichlorobenzene
 Concen: 43.09 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 97590
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 36.7 24.9 37.3

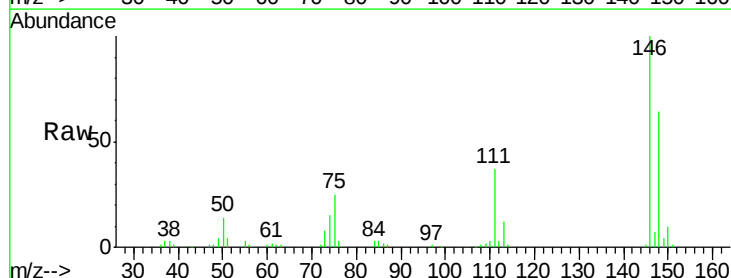


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

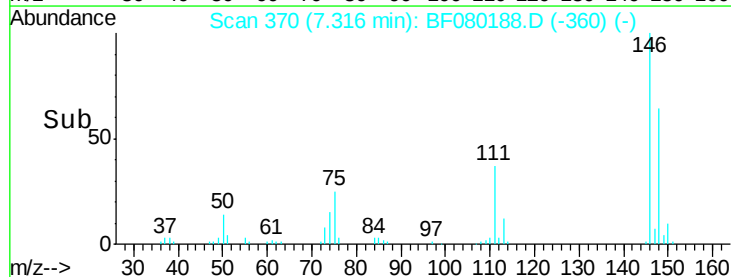
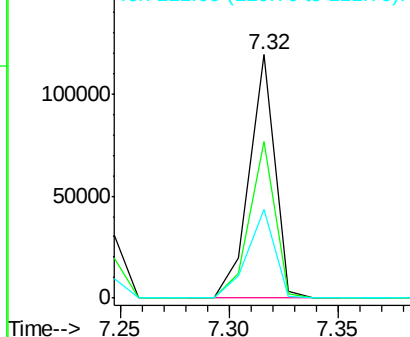


#14
 1,2-Dichlorobenzene
 Concen: 44.28 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.18 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:146 Resp: 97590
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.7 79.1
 111 36.7 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: 40.93 ng

RT: 7.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

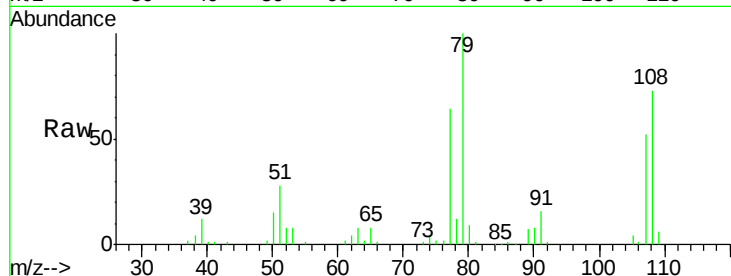
Tot Ion: 79 Resp: 76392

Ion Ratio Lower Upper

79 100

108 72.7 88.6 132.8#

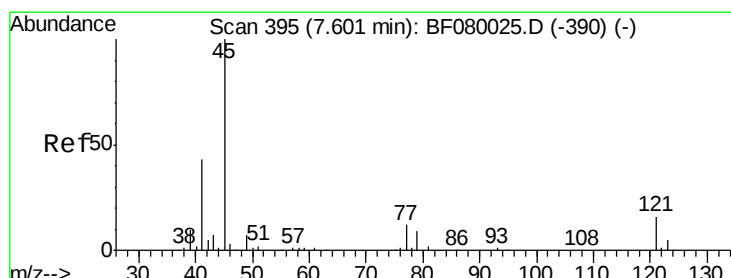
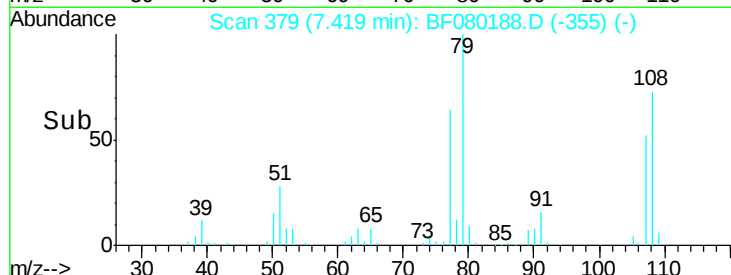
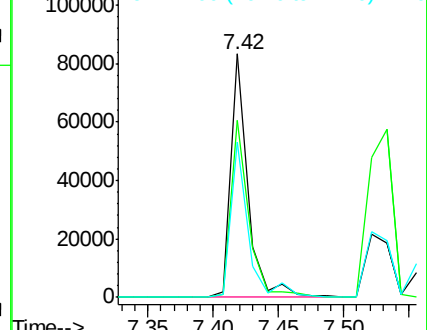
77 63.7 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.97 ng

RT: 7.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

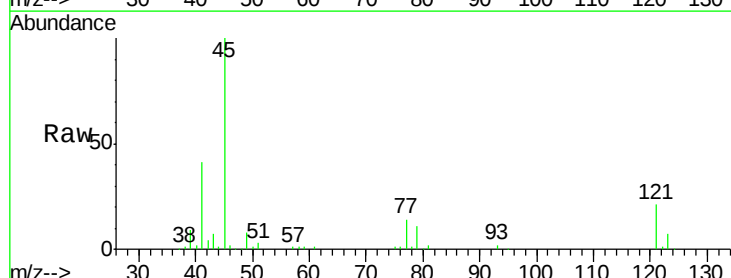
Tgt Ion: 45 Resp: 131923

Ion Ratio Lower Upper

45 100

77 13.6 0.0 28.1

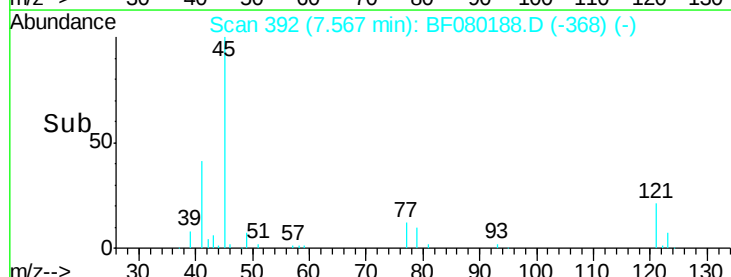
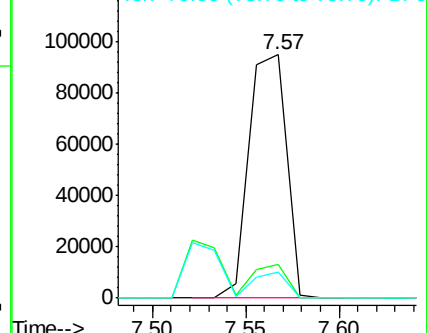
79 10.8 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

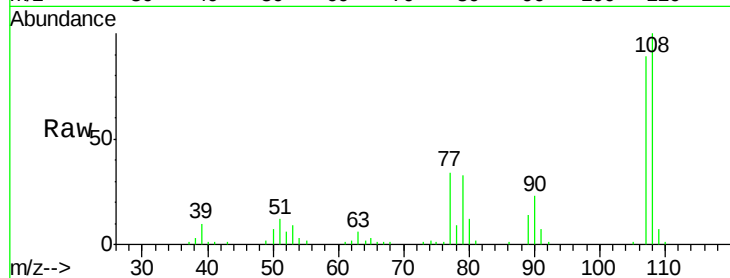




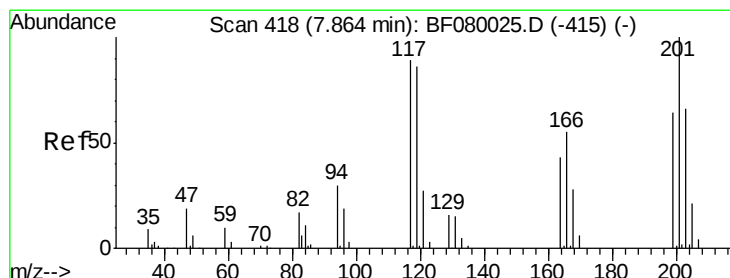
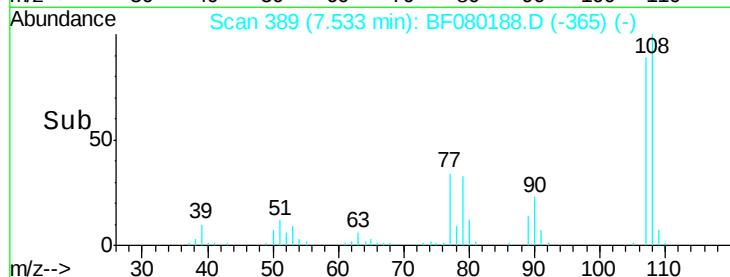
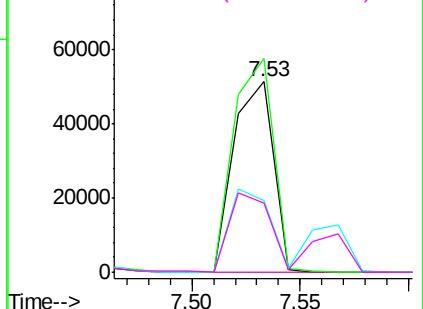
#17
2-Methylphenol
Concen: 38.43 ng
RT: 7.53 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 65075
Ion Ratio Lower Upper
107 100
108 112.2 96.6 145.0
77 38.0 23.3 34.9#
79 36.6 22.0 33.0#

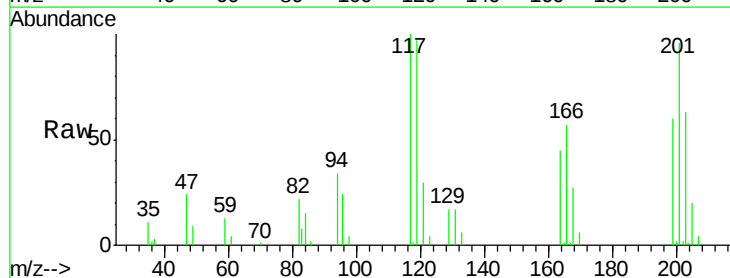


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

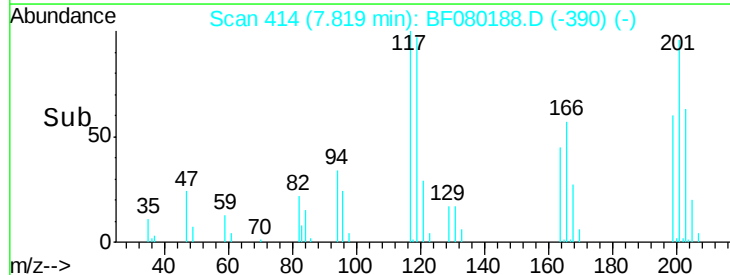
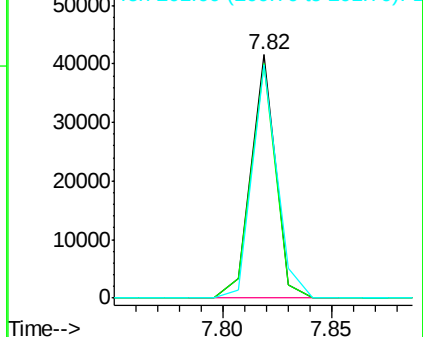


#18
Hexachloroethane
Concen: 42.92 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:117 Resp: 32368
Ion Ratio Lower Upper
117 100
119 96.5 83.8 125.6
201 95.9 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

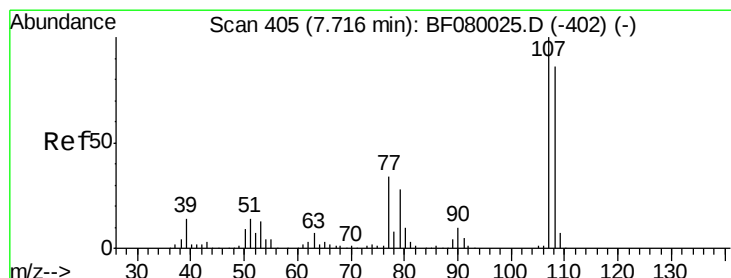
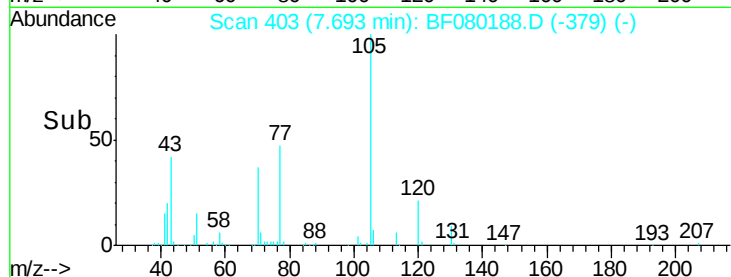
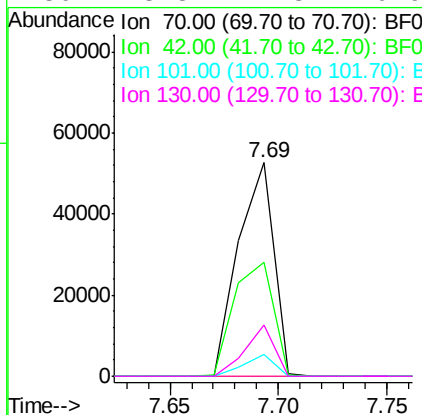
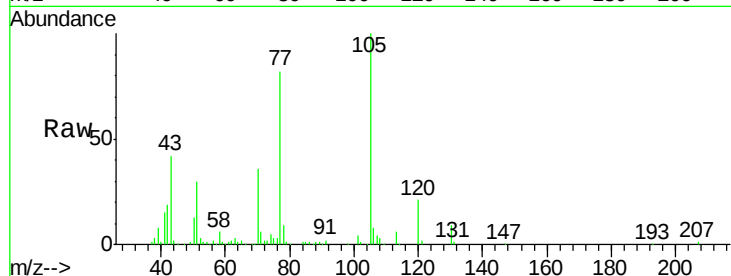




#19
n-Nitroso-di-n-propylamine
Concen: 37.53 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

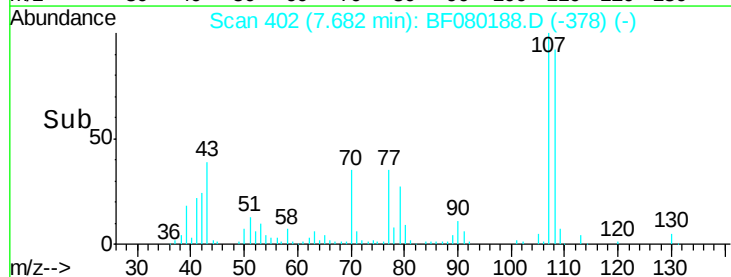
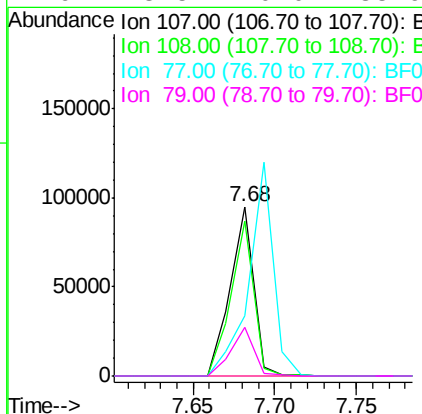
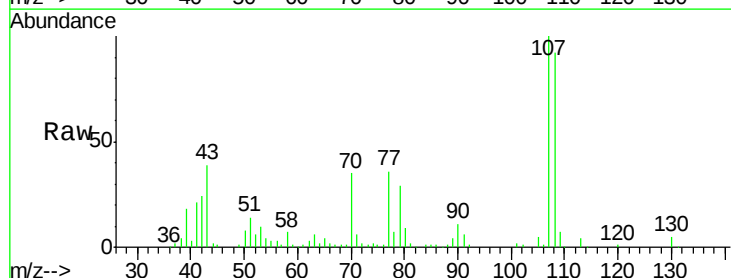
Instrument :
BNA_F
ClientSampled :

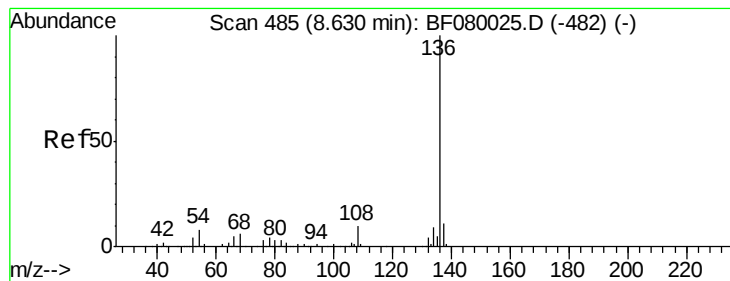
Tot Ion: 70 Resp: 59478
Ion Ratio Lower Upper
70 100
42 53.5 63.8 95.6#
101 10.5 9.2 13.8
130 23.8 27.3 40.9#



#20
3+4-Methylphenols
Concen: 43.02 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:107 Resp: 94009
Ion Ratio Lower Upper
107 100
108 91.9 74.6 114.6
77 35.8 0.7 40.7
79 28.5 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: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 120519

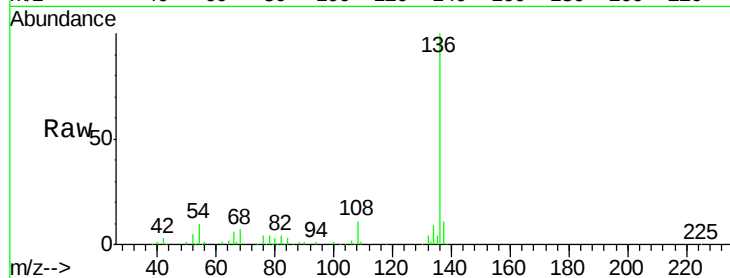
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 10.1 8.2 12.2

68 7.3 5.8 8.6

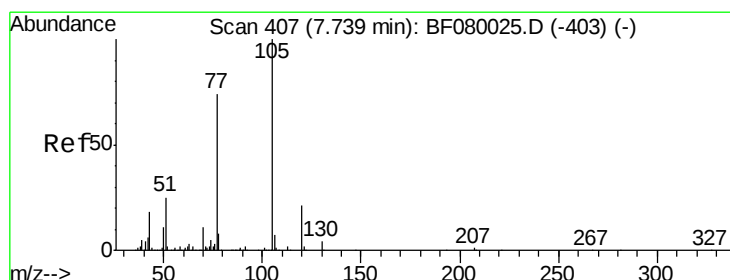
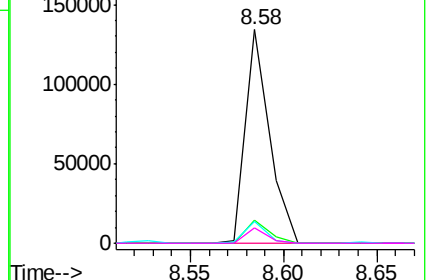
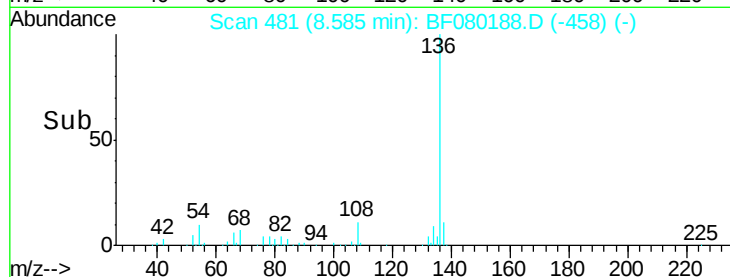


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.33 ng

RT: 7.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion:105 Resp: 118875

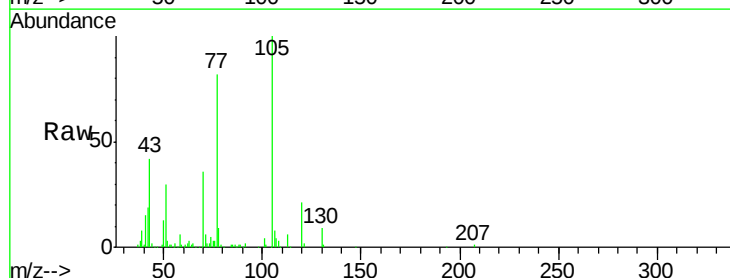
Ion Ratio Lower Upper

105 100

71 6.2 4.7 7.1

51 30.3 22.0 33.0

120 20.8 30.1 45.1#

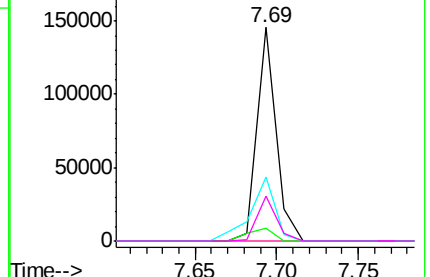
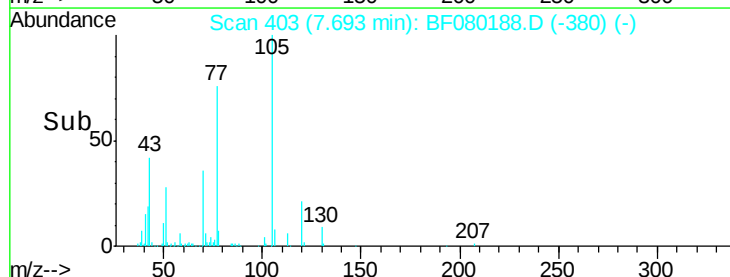


Abundance Ion 105.00 (104.70 to 105.70): E

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

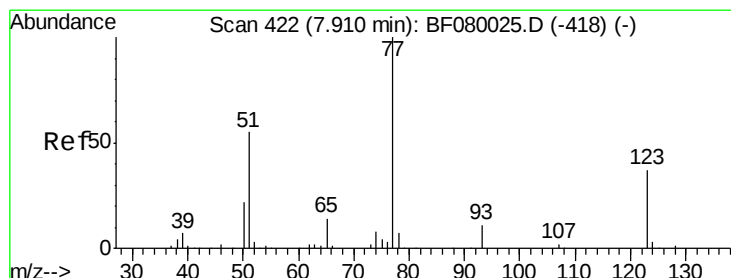
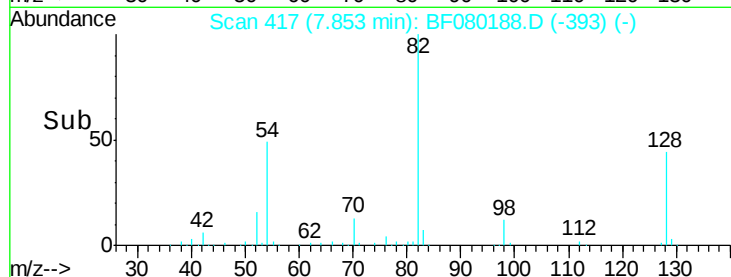
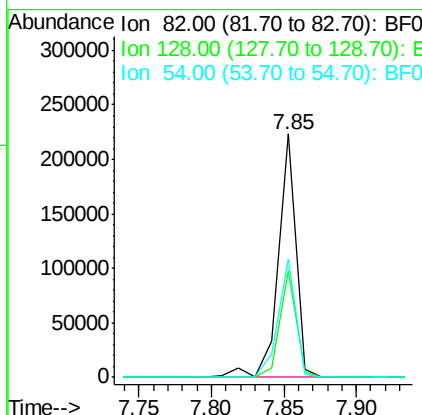
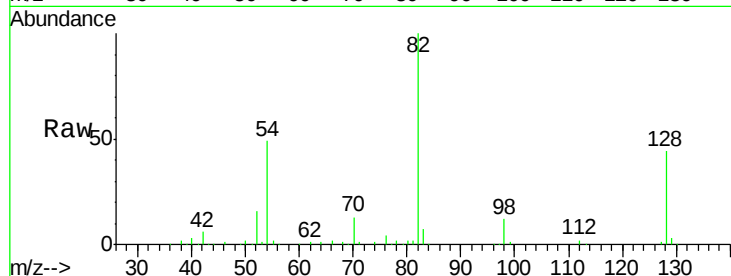




#23
Nitrobenzene-d5
Concen: 90.89 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

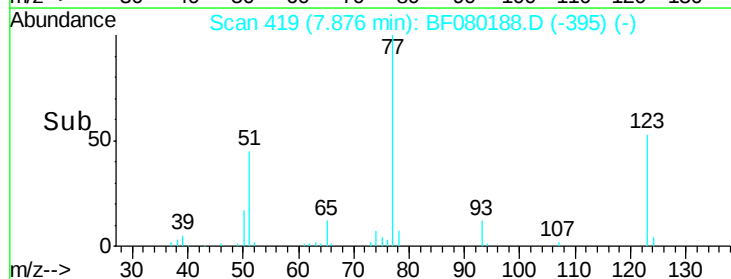
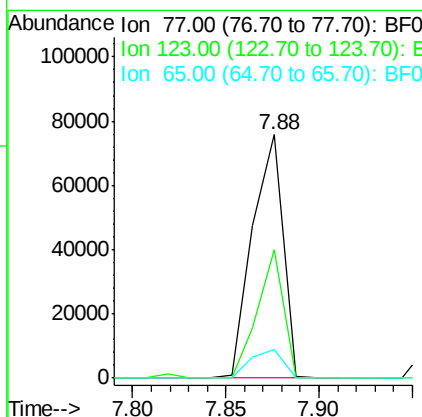
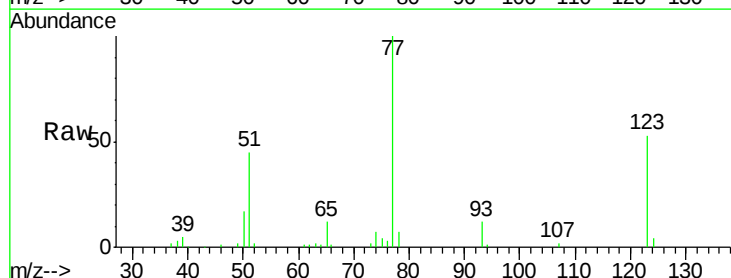
Instrument :
BNA_F
ClientSampleId :

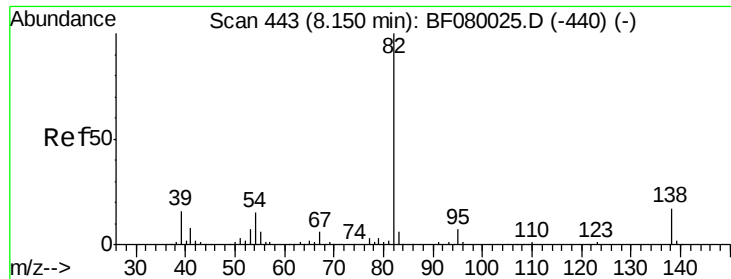
Tot Ion: 82 Resp: 188150
Ion Ratio Lower Upper
82 100
128 43.7 51.0 76.6#
54 48.5 47.5 71.3



#24
Nitrobenzene
Concen: 40.06 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion: 77 Resp: 85609
Ion Ratio Lower Upper
77 100
123 52.9 59.8 89.8#
65 11.9 10.2 15.4





#25

Isophorone

Concen: 38.38 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

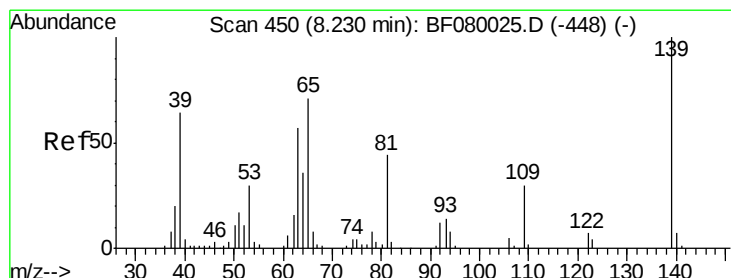
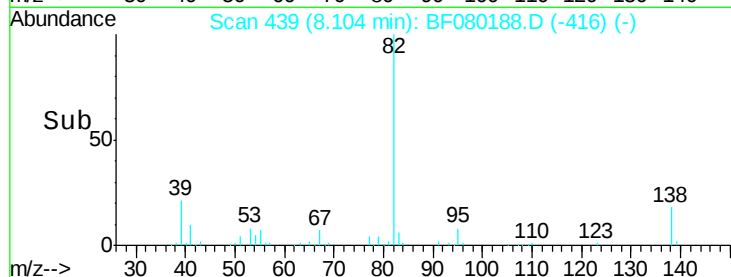
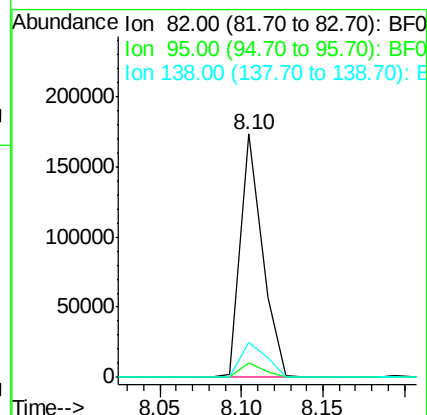
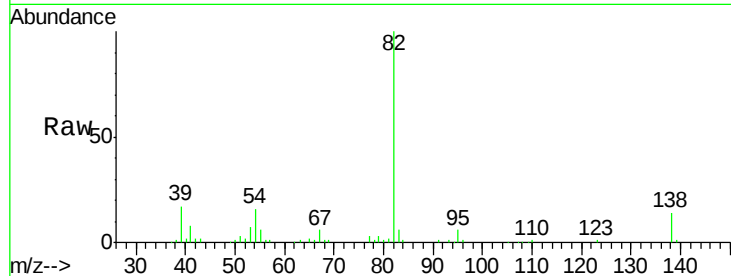
Tot Ion: 82 Resp: 159892

Ion Ratio Lower Upper

82 100

95 6.2 4.0 6.0#

138 14.5 18.3 27.5#



#26

2-Nitrophenol

Concen: 48.01 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

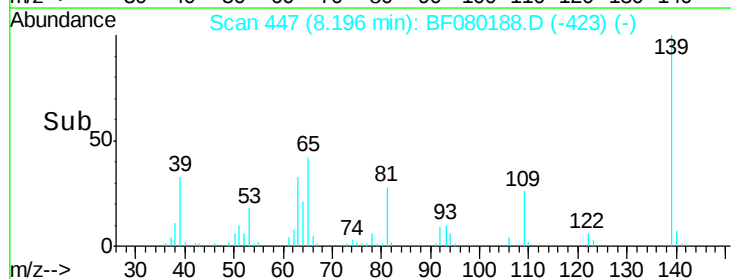
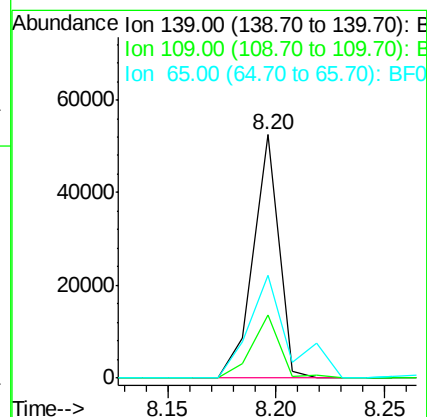
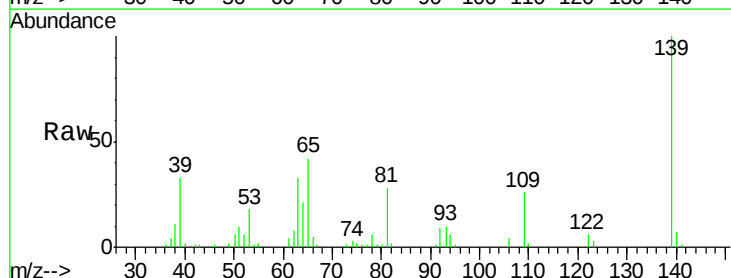
Tgt Ion: 139 Resp: 42941

Ion Ratio Lower Upper

139 100

109 26.1 11.0 16.4#

65 42.4 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 43.06 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampled :

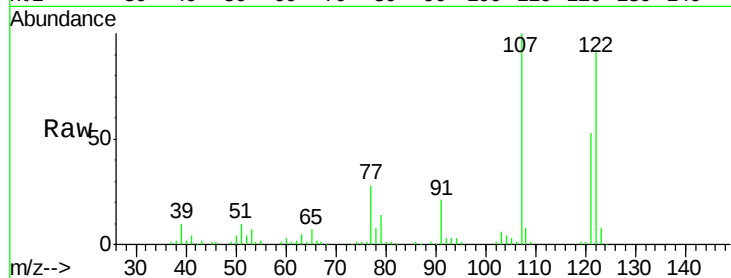
Tot Ion:122 Resp: 80300

Ion Ratio Lower Upper

122 100

107 108.1 71.8 107.6#

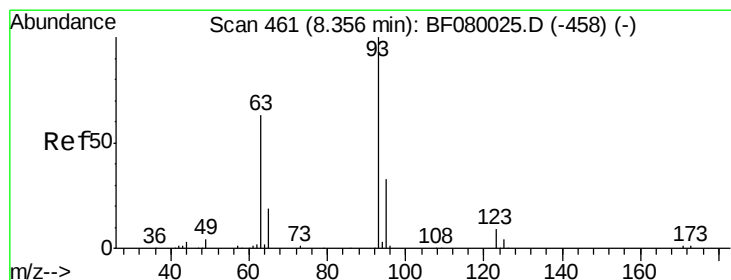
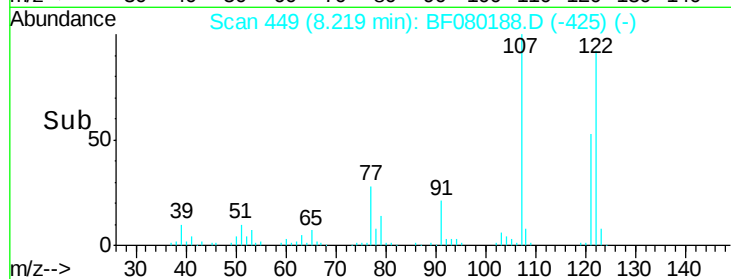
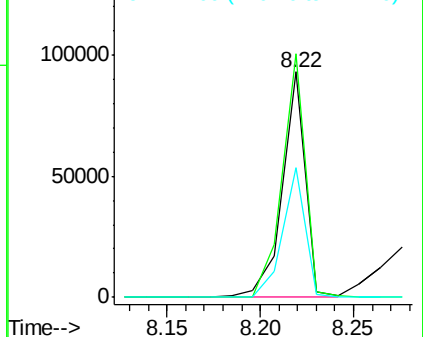
121 57.6 42.3 63.5



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: 40.53 ng

RT: 8.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

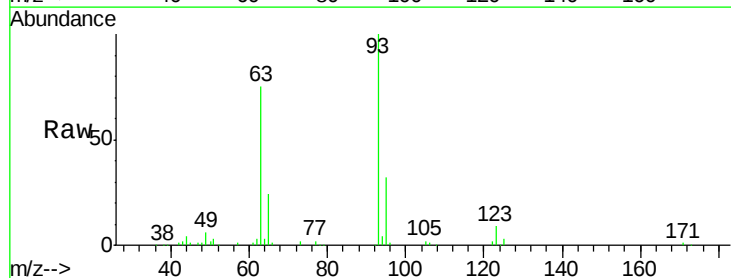
Tgt Ion: 93 Resp: 99199

Ion Ratio Lower Upper

93 100

95 32.0 27.5 41.3

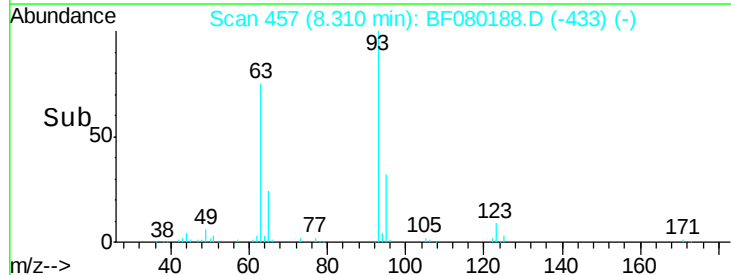
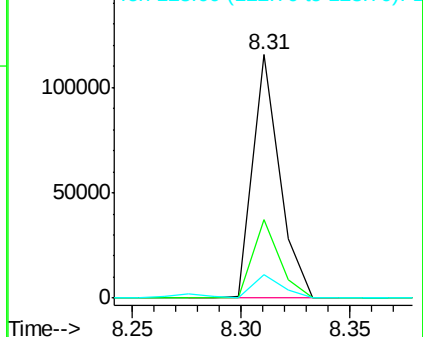
123 9.5 13.7 20.5#

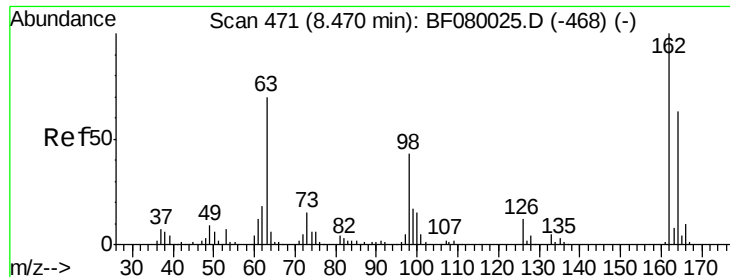


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

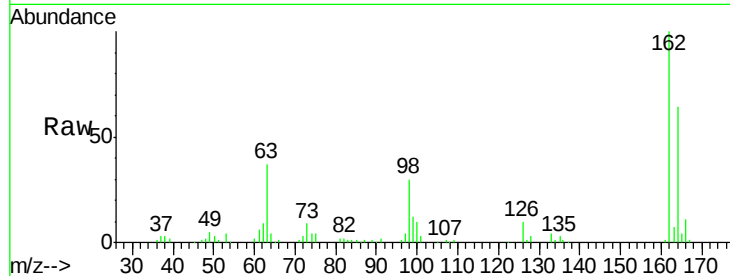




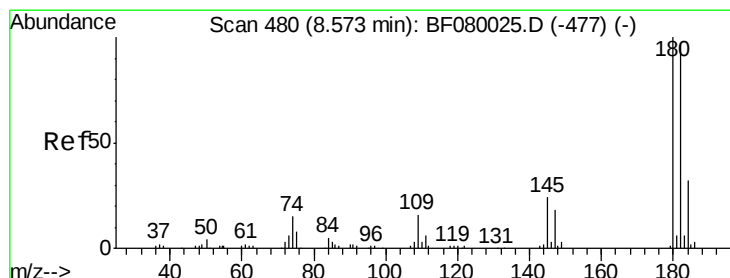
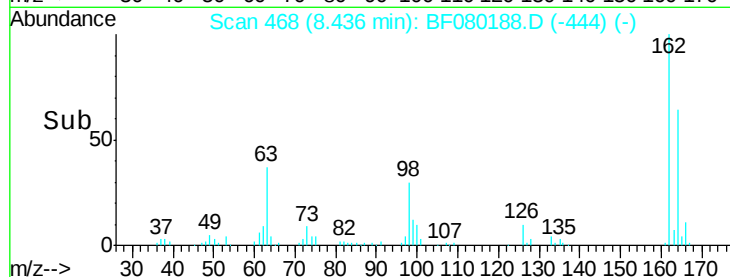
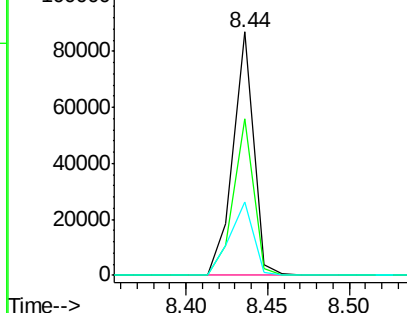
#29
 2,4-Dichlorophenol
 Concen: 47.22 ng
 RT: 8.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 75412
 Ion Ratio Lower Upper
 162 100
 164 64.1 44.9 84.9
 98 30.0 13.0 53.0

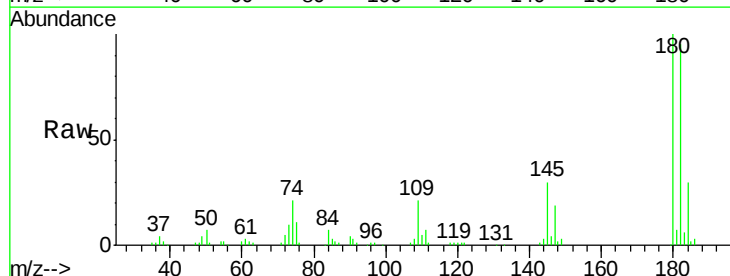


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

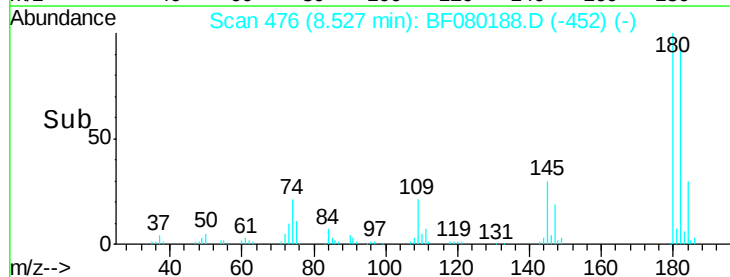
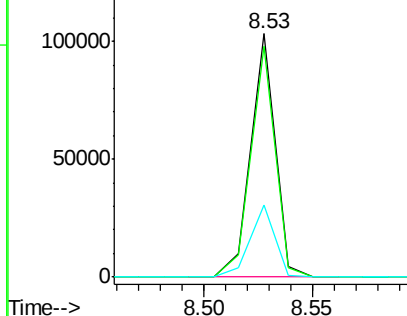


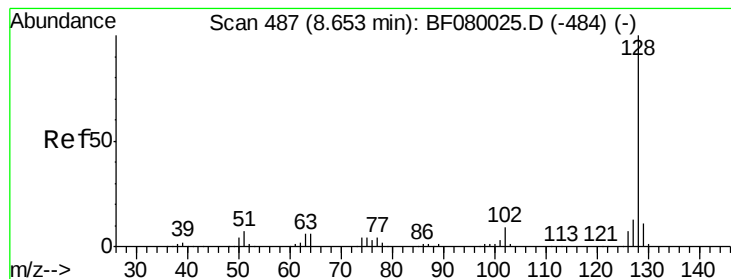
#30
 1,2,4-Trichlorobenzene
 Concen: 44.35 ng
 RT: 8.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:180 Resp: 80444
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.1 115.7
 145 29.8 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: 39.98 ng

RT: 8.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

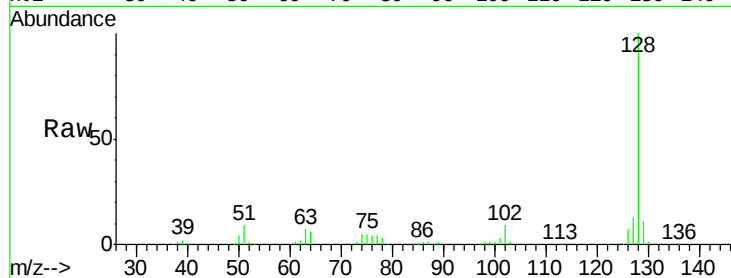
Tot Ion:128 Resp: 251940

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

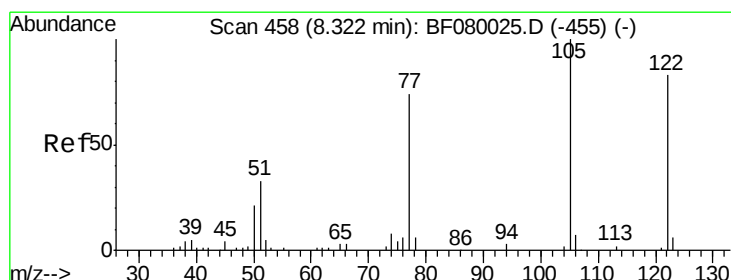
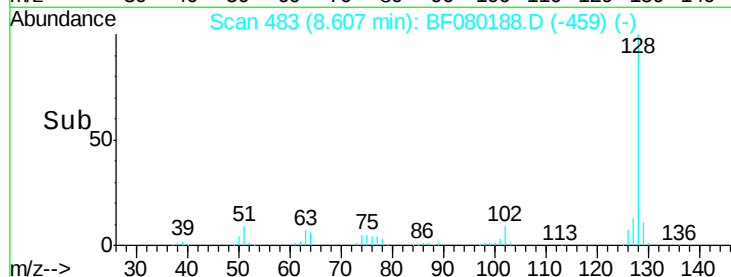
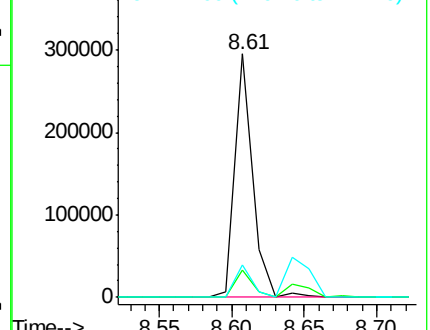
127 13.1 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.43 ng

RT: 8.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

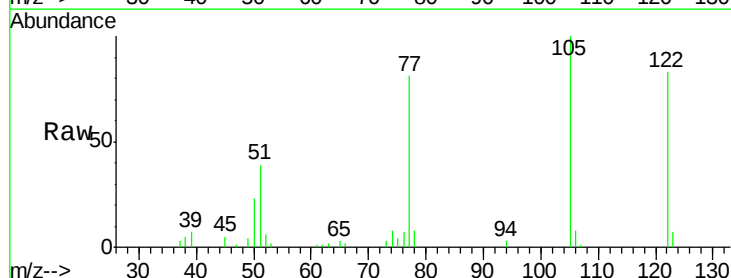
Tgt Ion:122 Resp: 42201

Ion Ratio Lower Upper

122 100

105 120.6 76.1 116.1#

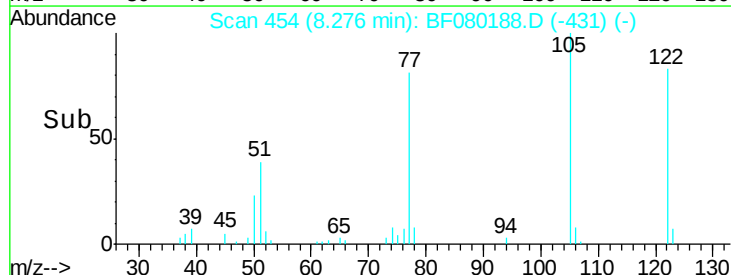
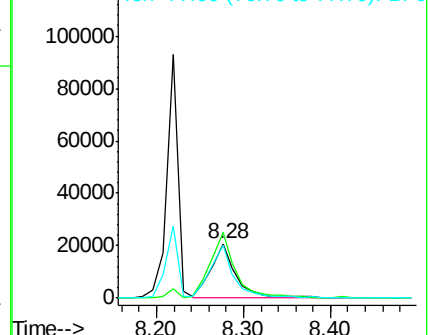
77 97.1 40.5 80.5#

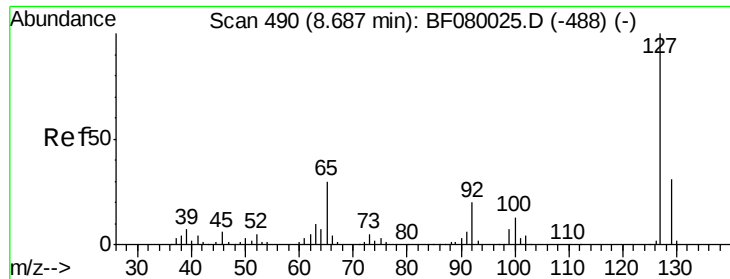


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

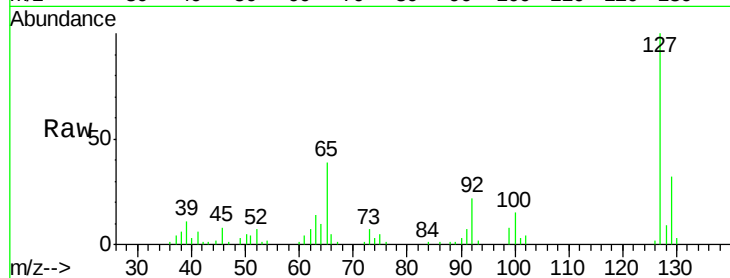




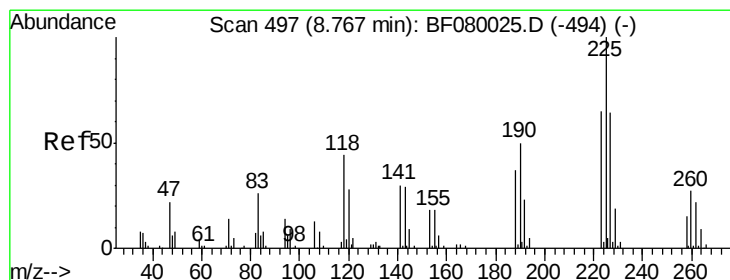
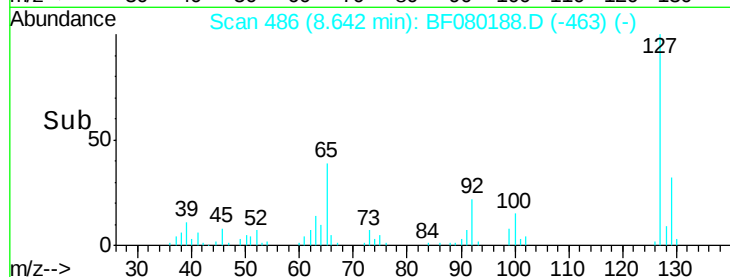
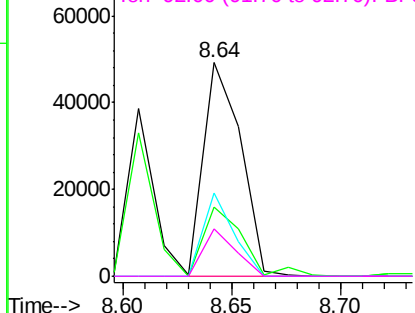
#33
4-Chloroaniline
Concen: 21.70 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 58519
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.6
65 39.2 17.9 26.9#
92 22.5 10.5 15.7#

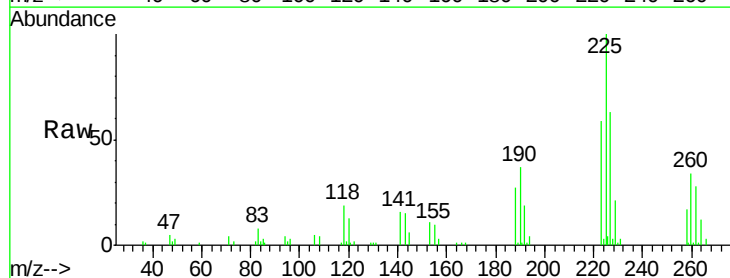


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

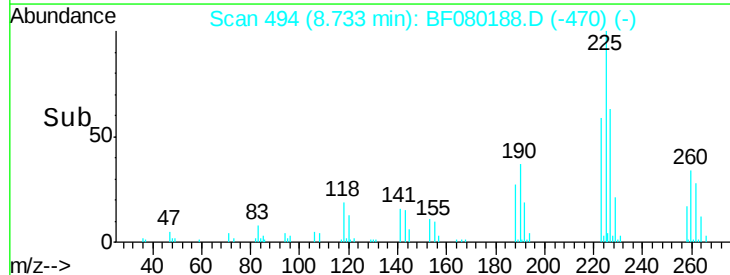
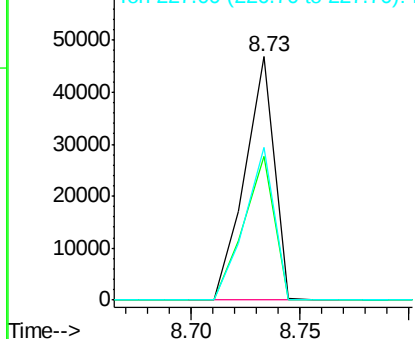


#34
Hexachlorobutadiene
Concen: 39.54 ng
RT: 8.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:225 Resp: 44158
Ion Ratio Lower Upper
225 100
223 58.9 50.2 75.2
227 62.8 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

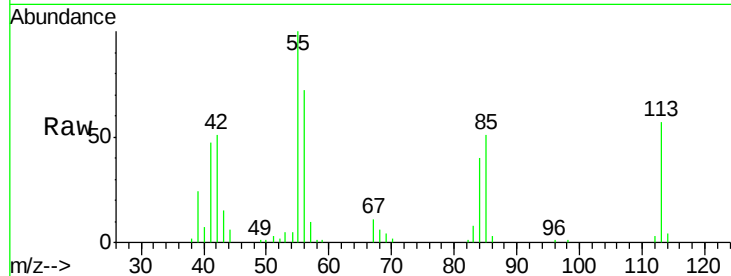




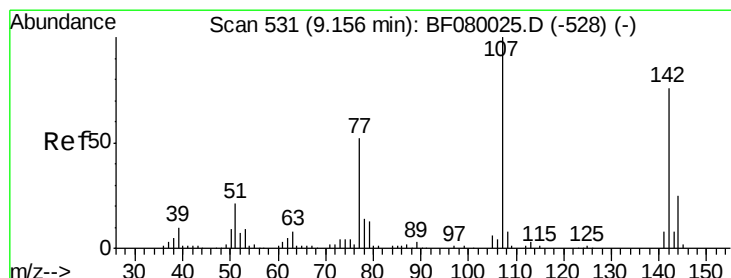
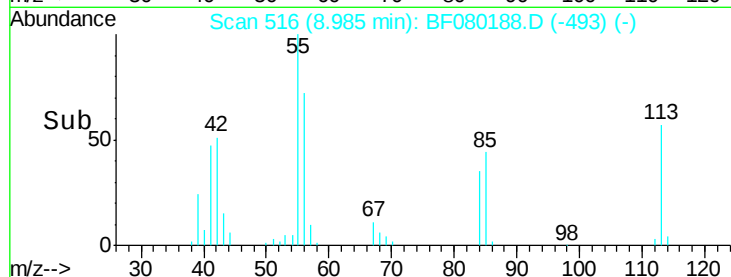
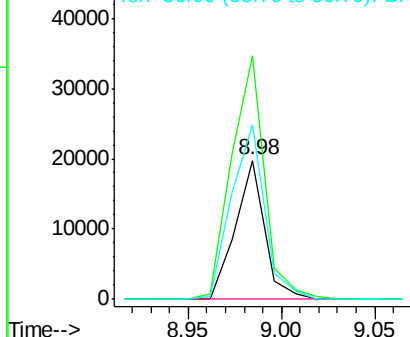
#35
 Caprolactam
 Concen: 41.73 ng
 RT: 8.98 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 21631
 Ion Ratio Lower Upper
 113 100
 55 175.6 152.4 192.4
 56 126.0 104.6 144.6

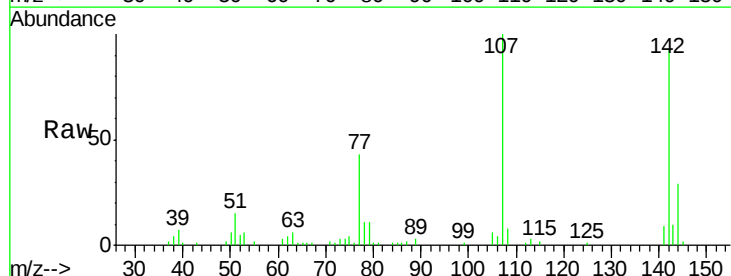


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

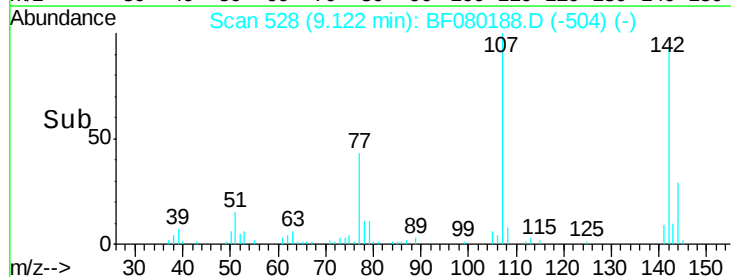
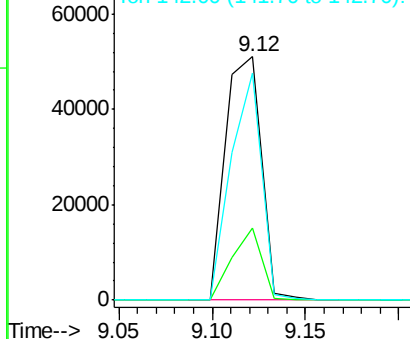


#36
 4-Chloro-3-methylphenol
 Concen: 38.17 ng
 RT: 9.12 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:107 Resp: 68759
 Ion Ratio Lower Upper
 107 100
 144 29.5 25.4 38.0
 142 93.4 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

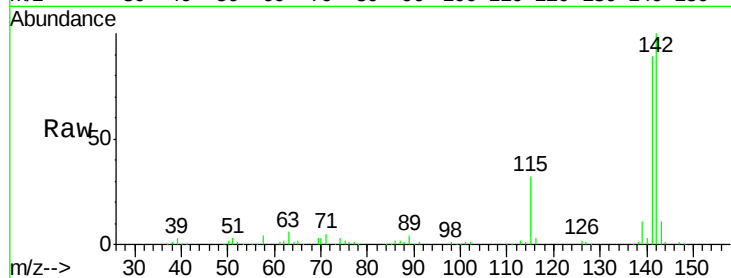




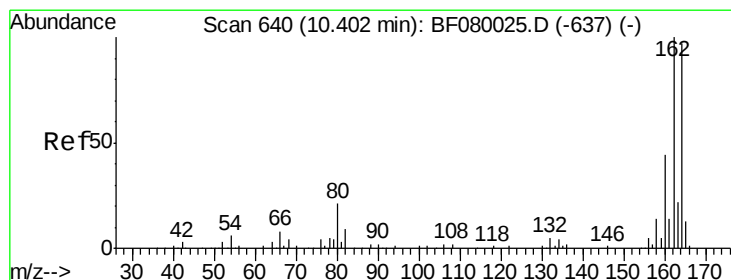
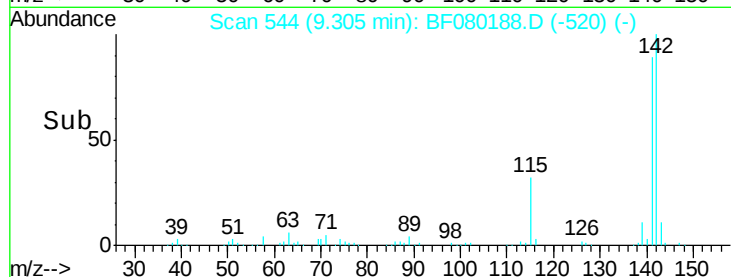
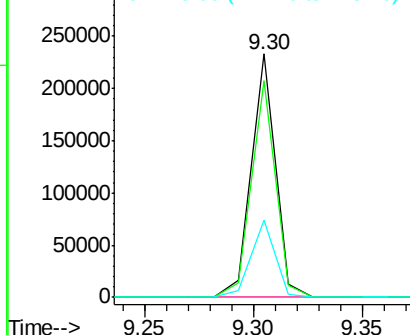
#37
2-Methylnaphthalene
Concen: 44.03 ng
RT: 9.30 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 179471
Ion Ratio Lower Upper
142 100
141 89.1 67.5 101.3
115 31.6 18.2 27.2#

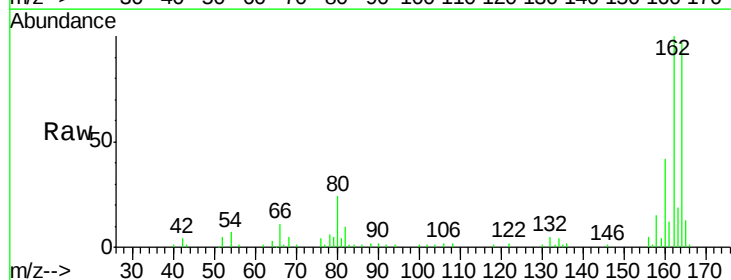


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

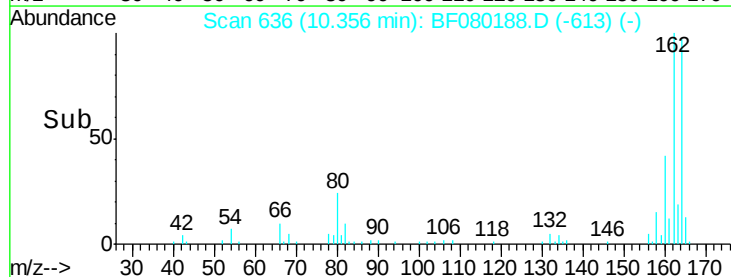
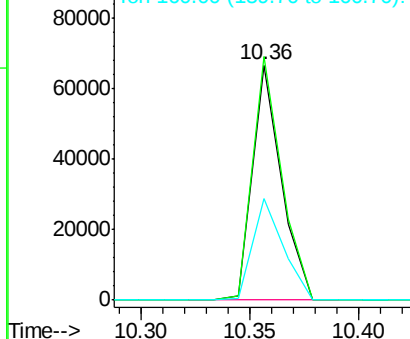


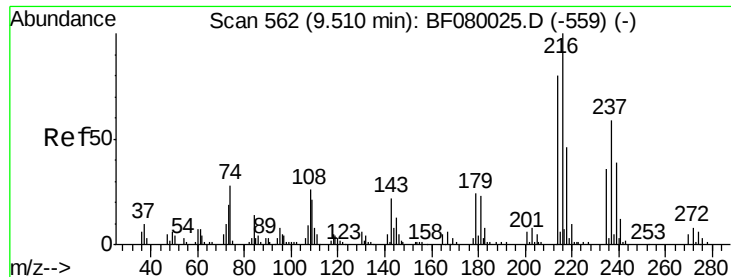
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:164 Resp: 61261
Ion Ratio Lower Upper
164 100
162 103.5 75.2 112.8
160 43.0 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: 44.13 ng

RT: 9.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 78669

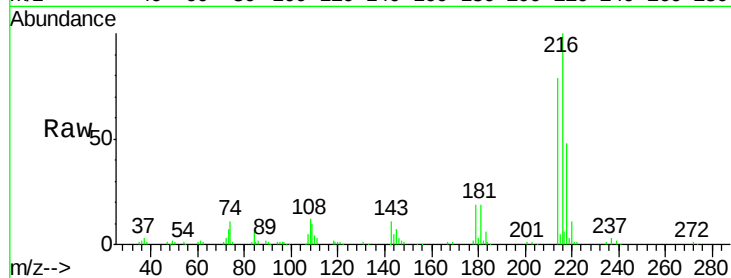
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 20.7 16.6 24.8

108 18.4 16.3 24.5

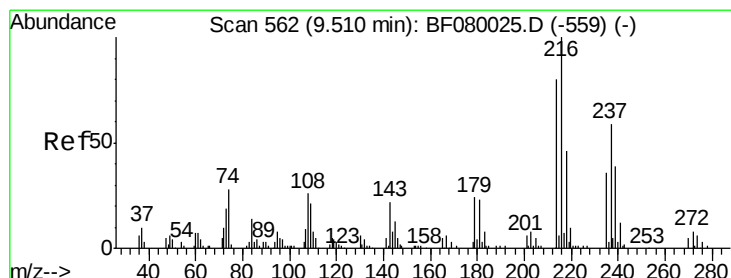
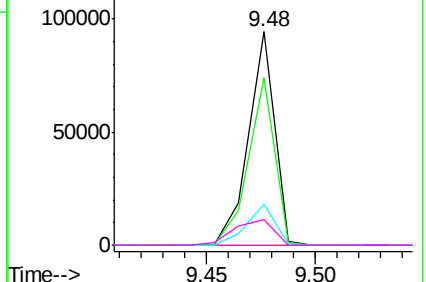
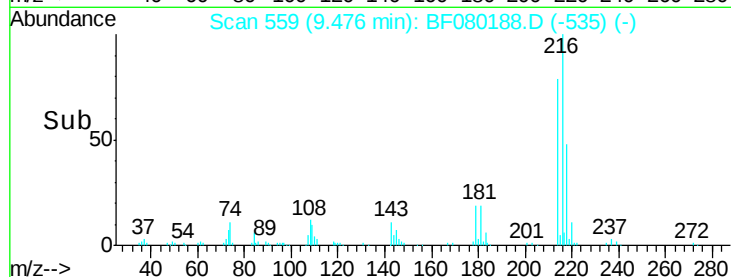


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.40 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

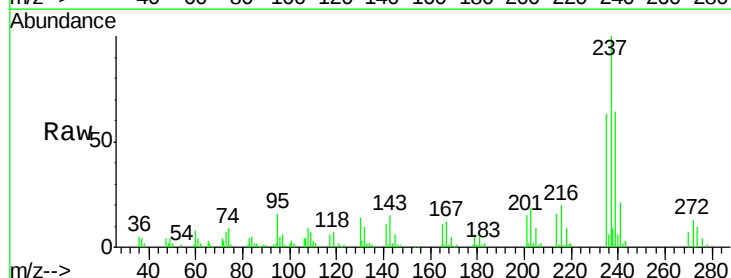
Tgt Ion:237 Resp: 70802

Ion Ratio Lower Upper

237 100

235 62.9 42.0 82.0

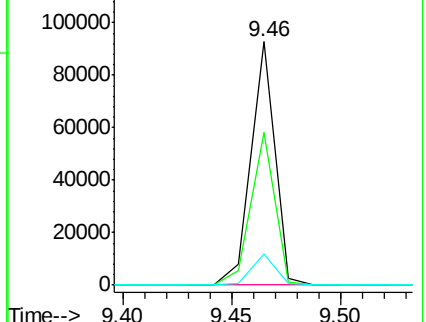
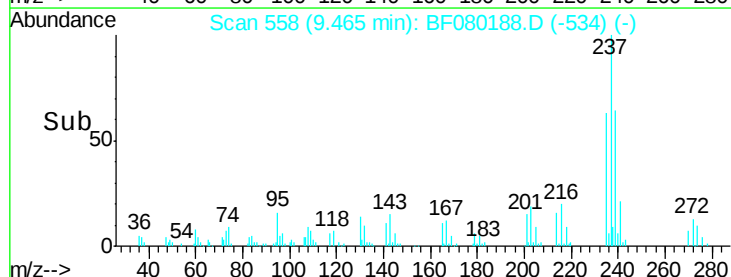
272 12.8 0.0 36.1



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

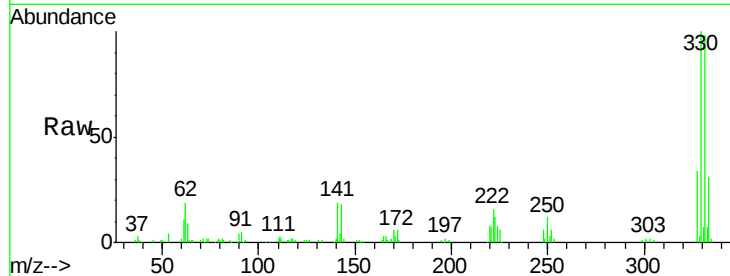




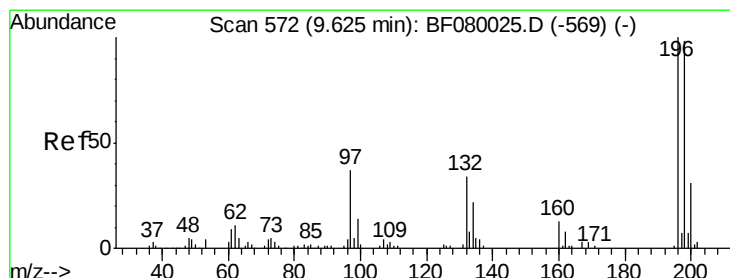
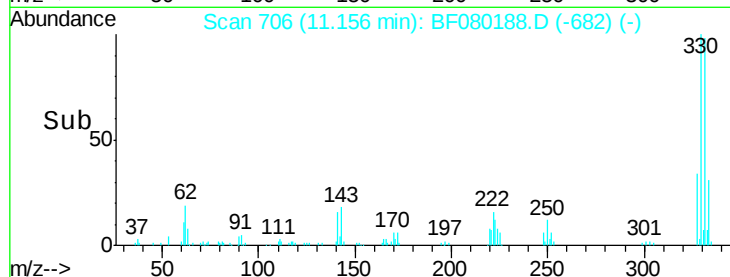
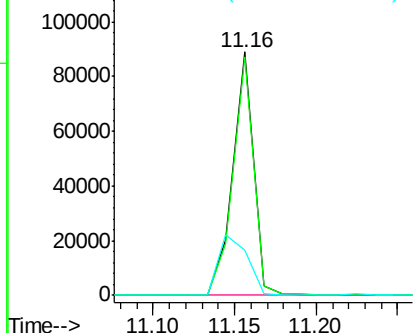
#41
 2,4,6-Tribromophenol
 Concen: 130.43 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 78134
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 34.6 29.7 44.5

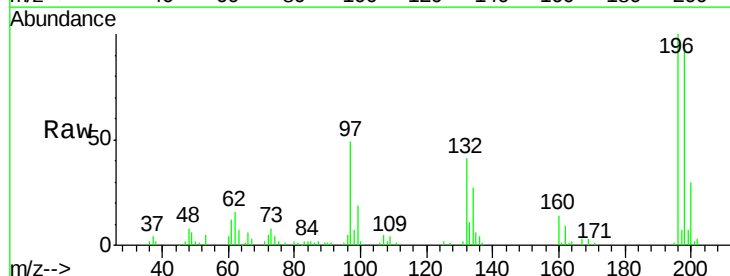


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

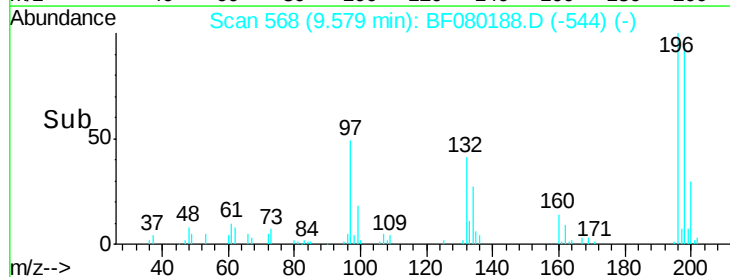
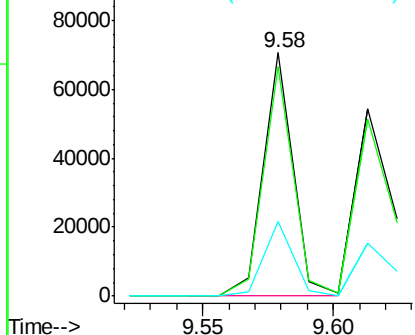


#42
 2,4,6-Trichlorophenol
 Concen: 45.92 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:196 Resp: 55694
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 30.5 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

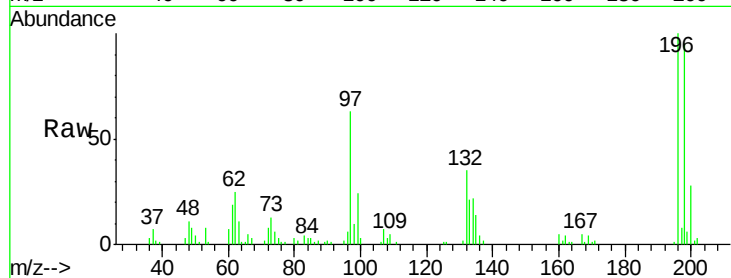




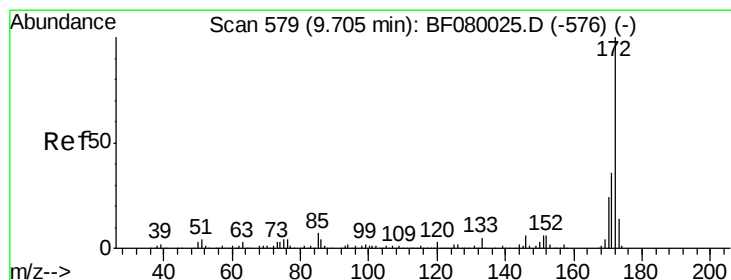
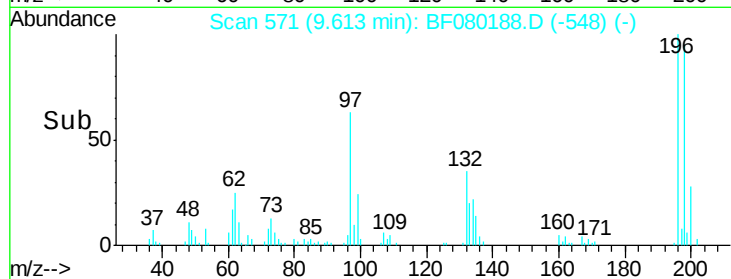
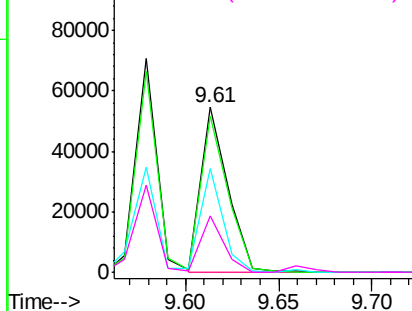
#43
 2,4,5-Trichlorophenol
 Concen: 38.72 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 54116
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.4 113.0
 97 63.3 33.3 49.9#
 132 34.5 24.6 37.0

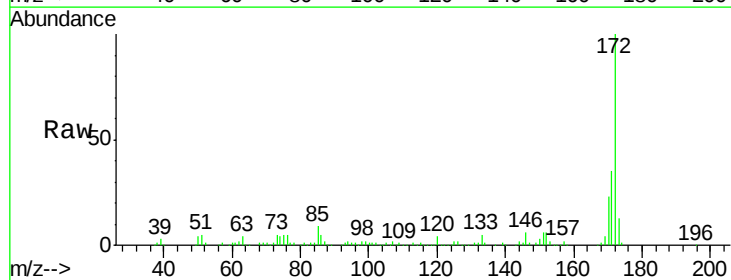


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

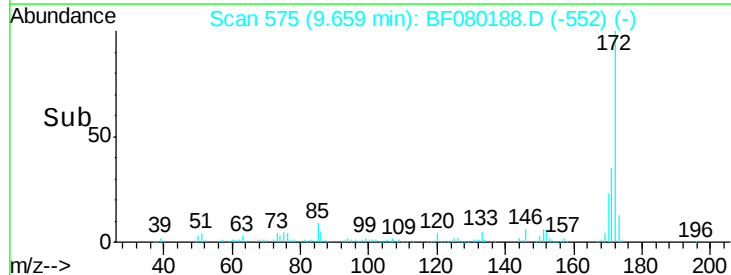
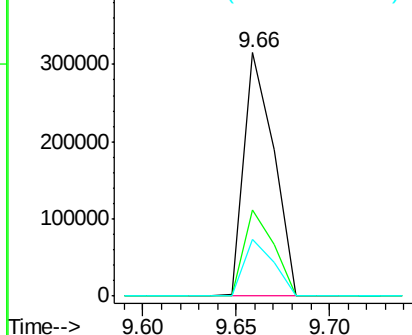


#44
 2-Fluorobiphenyl
 Concen: 81.16 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:172 Resp: 348620
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.3 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

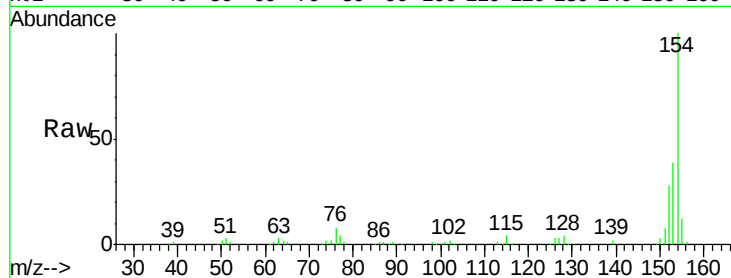




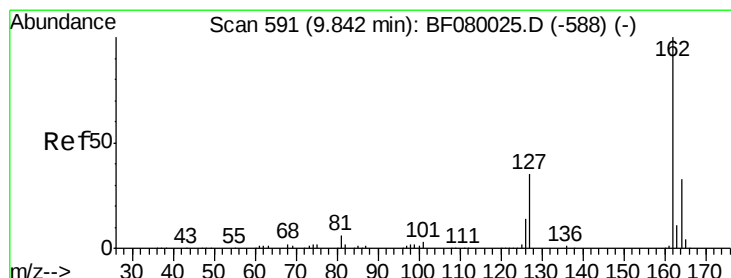
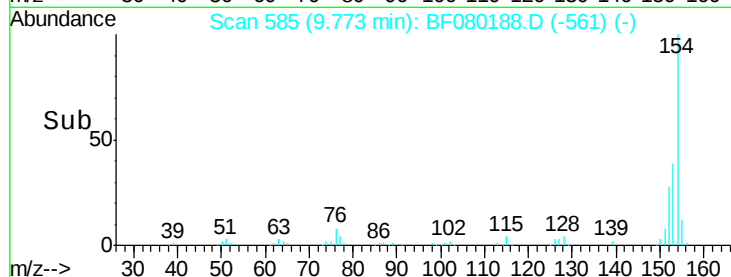
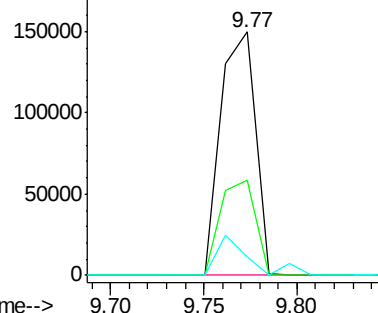
#45
 1,1'-Biphenyl
 Concen: 38.68 ng
 RT: 9.77 min Scan# 585
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.2	17.1	57.1
76	7.7	0.0	31.6

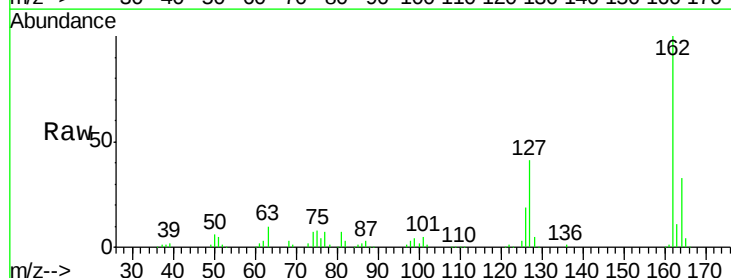


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

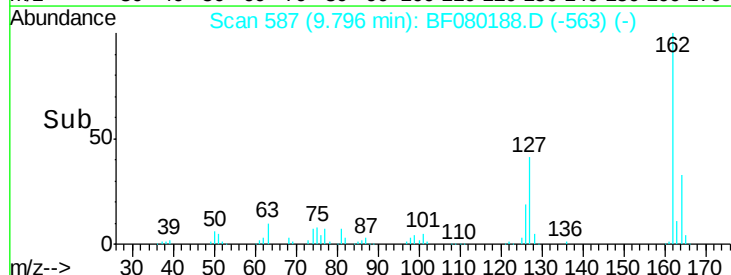
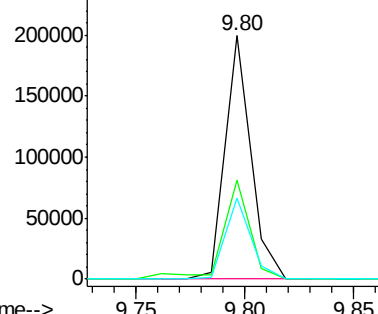


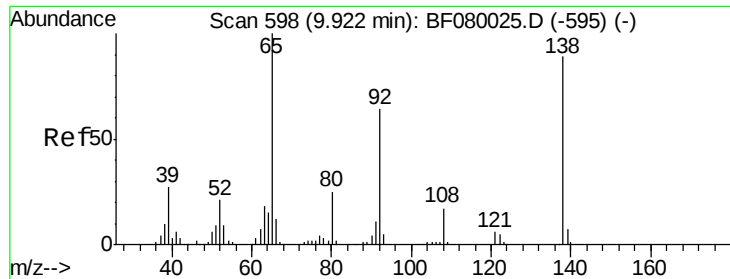
#46
 2-Chloronaphthalene
 Concen: 40.37 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	27.6	41.4
164	33.2	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: 39.94 ng

RT: 9.88 min Scan# 594

Delta R.T. -0.03 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampled :

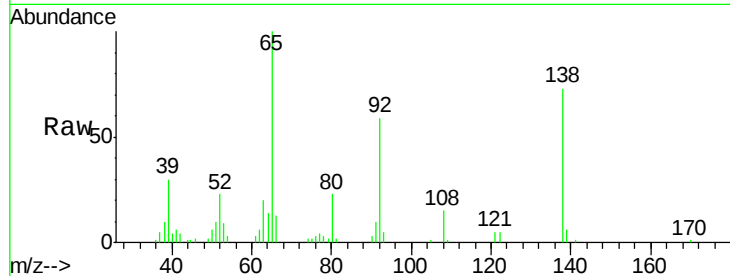
Tot Ion: 65 Resp: 44343

Ion Ratio Lower Upper

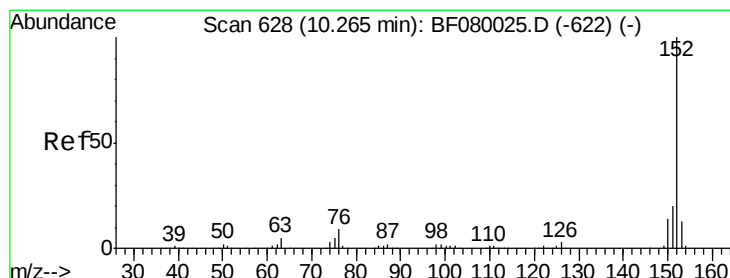
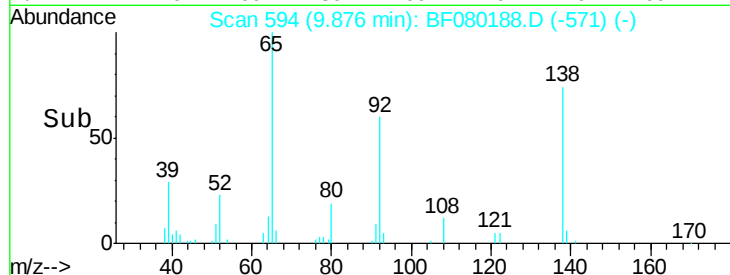
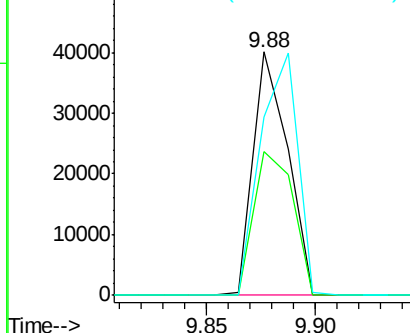
65 100

92 58.9 55.4 83.0

138 73.1 115.5 173.3#



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



#48

Acenaphthylene

Concen: 41.63 ng

RT: 10.22 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

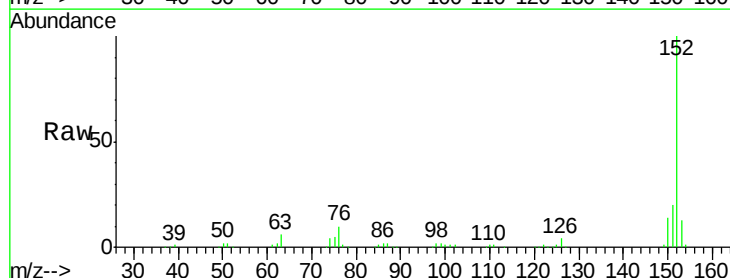
Tgt Ion: 152 Resp: 281002

Ion Ratio Lower Upper

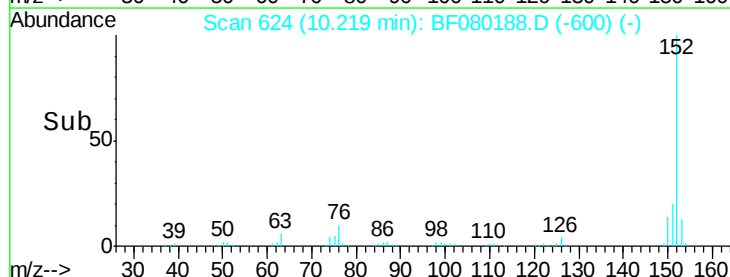
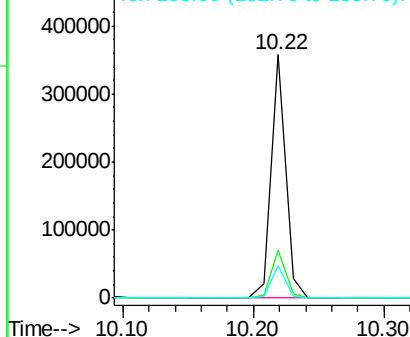
152 100

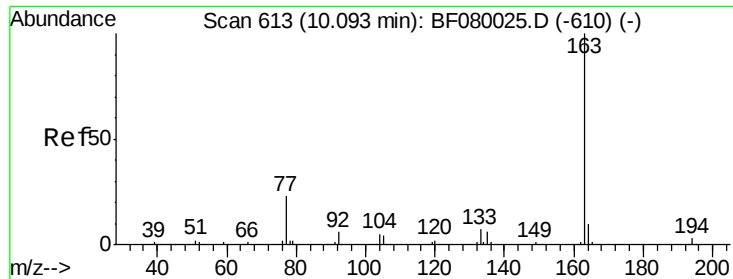
151 19.9 14.6 22.0

153 13.4 10.3 15.5



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

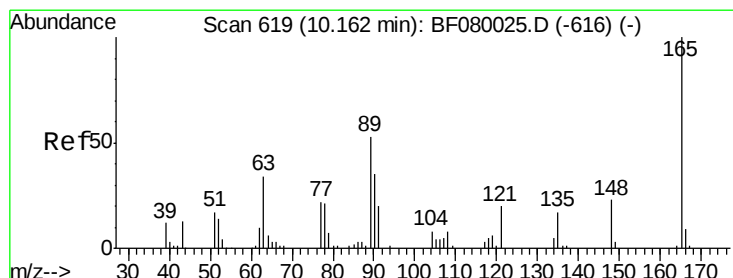
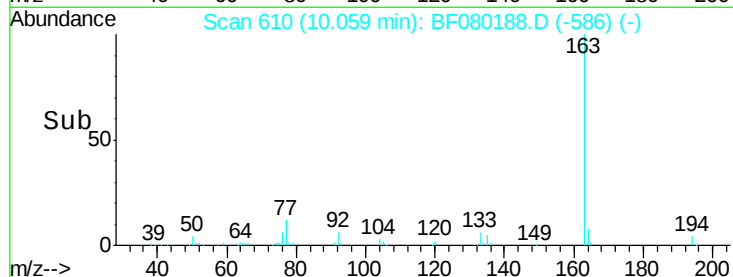
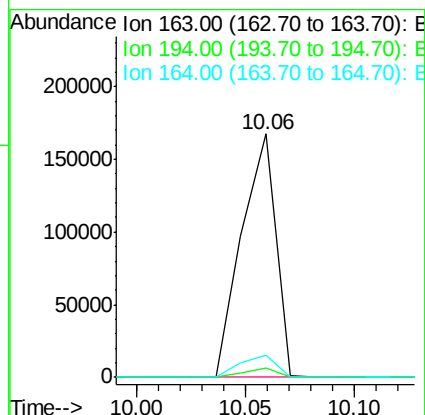
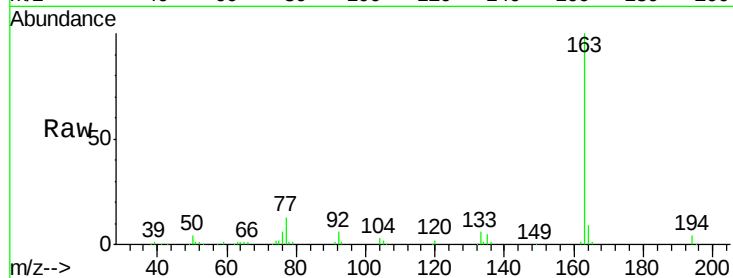




#49
Dimethylphthalate
Concen: 39.57 ng
RT: 10.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

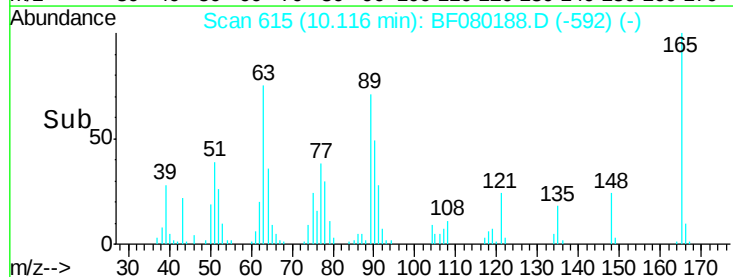
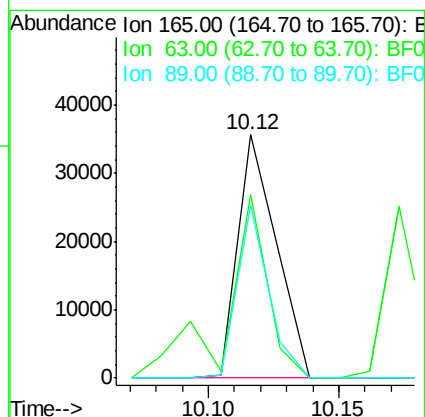
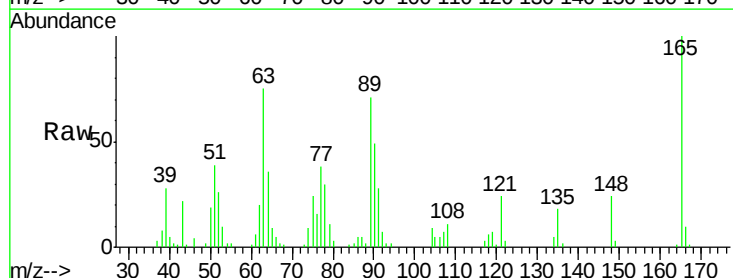
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 182263
Ion Ratio Lower Upper
163 100
194 3.9 4.4 6.6#
164 9.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 40.00 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:165 Resp: 36928
Ion Ratio Lower Upper
165 100
63 75.5 32.3 48.5#
89 71.3 28.6 43.0#





#51

Acenaphthene

Concen: 41.21 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

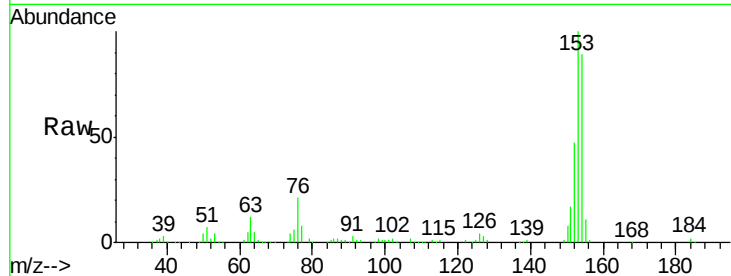
Tot Ion:154 Resp: 170155

Ion Ratio Lower Upper

154 100

153 112.0 82.1 123.1

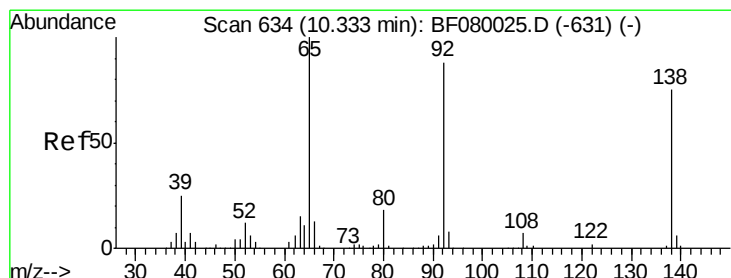
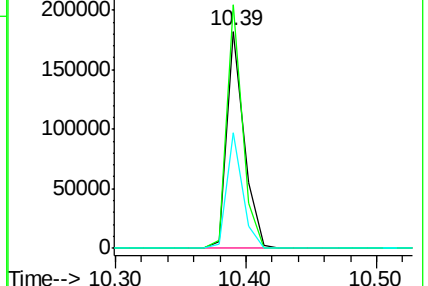
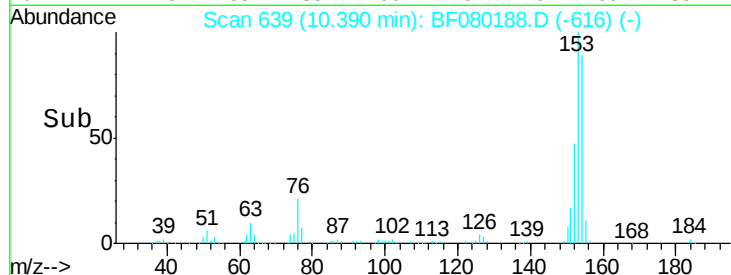
152 53.1 37.9 56.9



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: 32.26 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

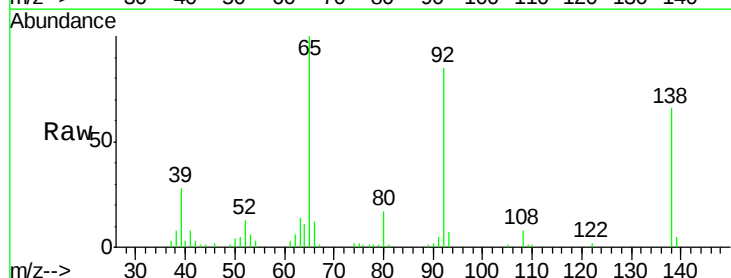
Tgt Ion:138 Resp: 34371

Ion Ratio Lower Upper

138 100

108 11.4 5.7 8.5#

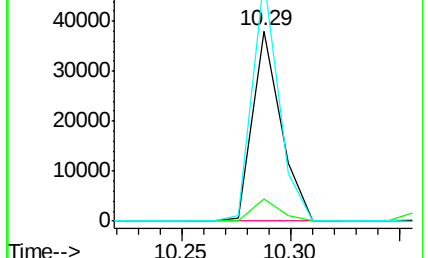
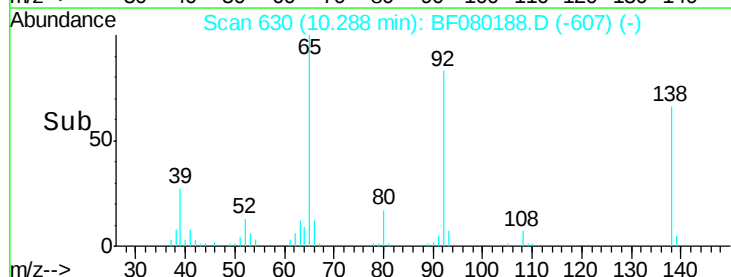
92 128.0 67.7 101.5#

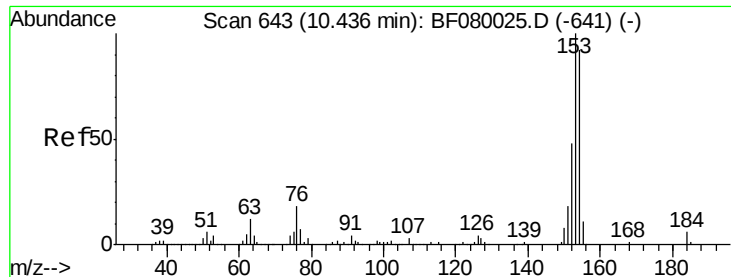


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

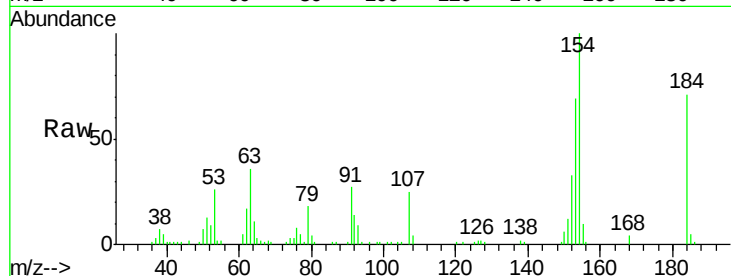




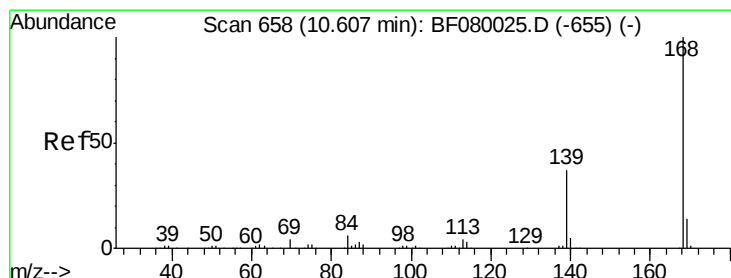
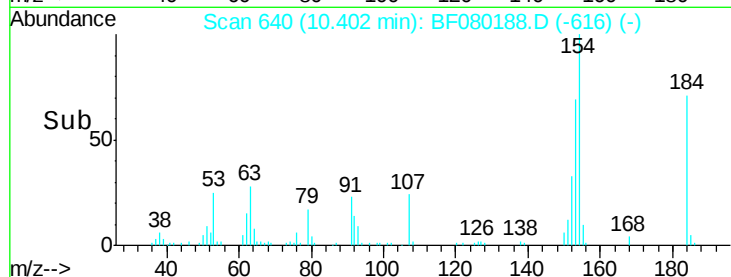
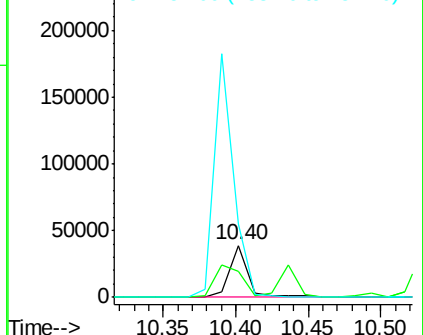
#53
 2,4-Dinitrophenol
 Concen: 89.89 ng
 RT: 10.40 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 34075
 Ion Ratio Lower Upper
 184 100
 63 50.6 35.4 53.2
 154 141.8 32.2 48.4#

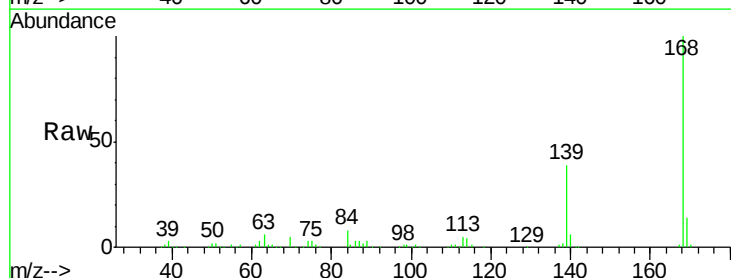


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

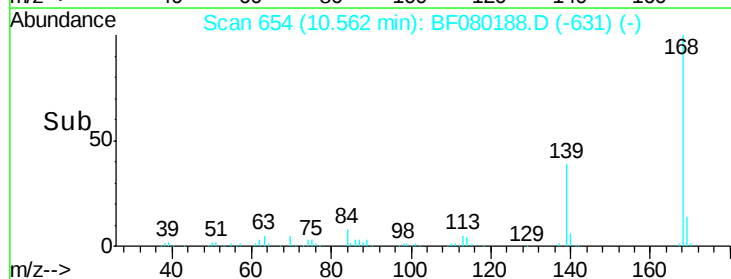
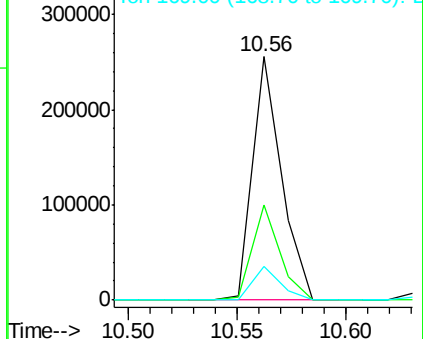


#54
 Dibenzofuran
 Concen: 40.27 ng
 RT: 10.56 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:168 Resp: 235964
 Ion Ratio Lower Upper
 168 100
 139 39.3 24.2 36.2#
 169 13.8 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

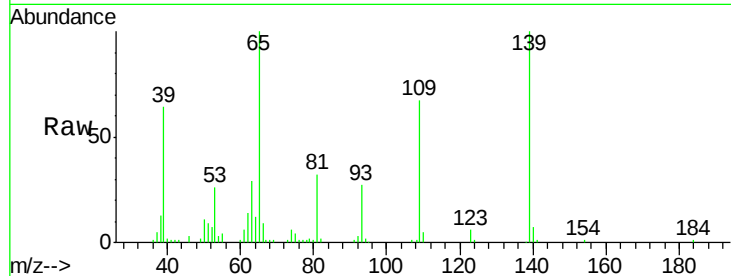




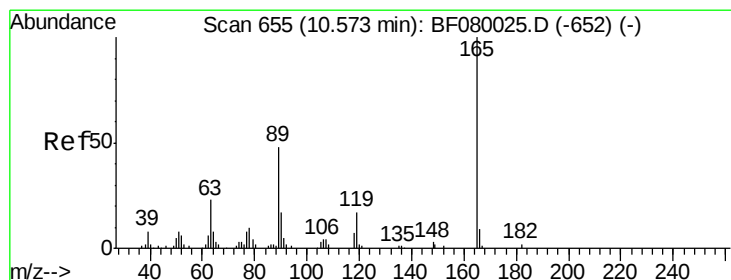
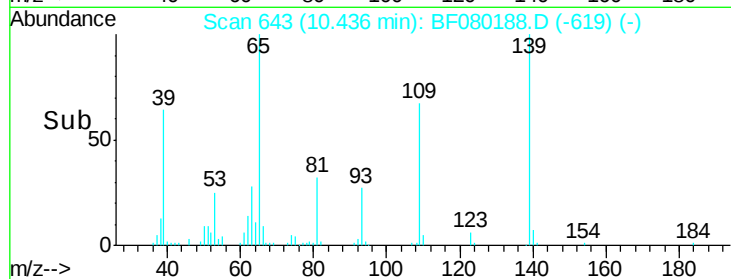
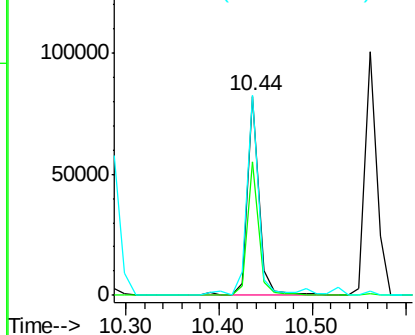
#55
4-Nitrophenol
Concen: 84.22 ng
RT: 10.44 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 71713
Ion Ratio Lower Upper
139 100
109 67.1 12.7 52.7#
65 100.5 45.9 85.9#

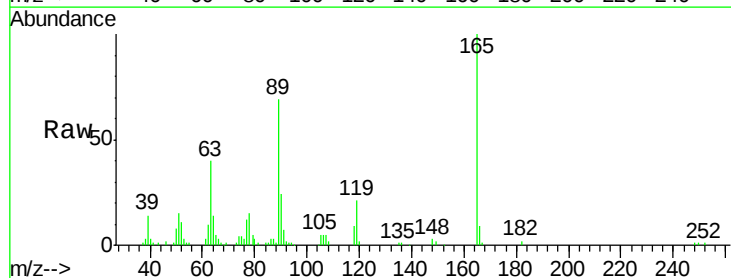


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

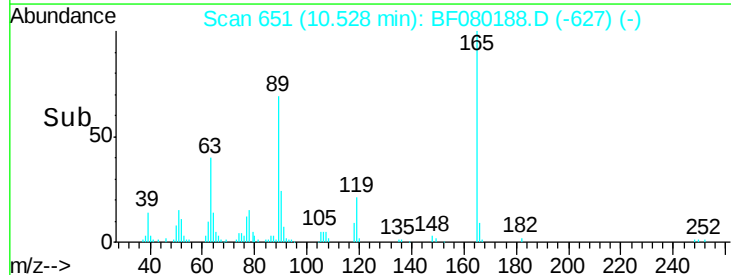
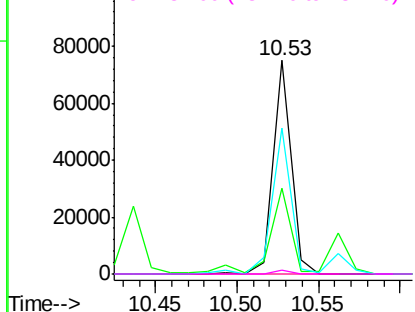


#56
2,4-Dinitrotoluene
Concen: 49.38 ng
RT: 10.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:165 Resp: 57855
Ion Ratio Lower Upper
165 100
63 40.0 29.8 44.6
89 68.6 44.5 66.7#
182 1.9 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

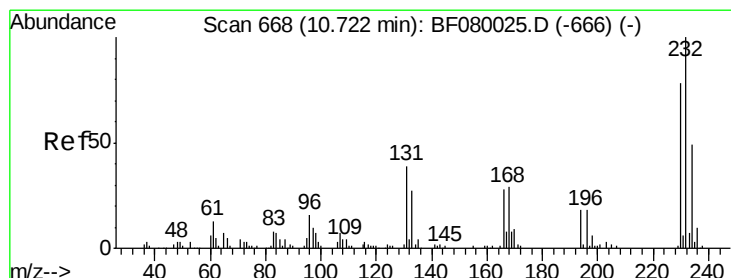
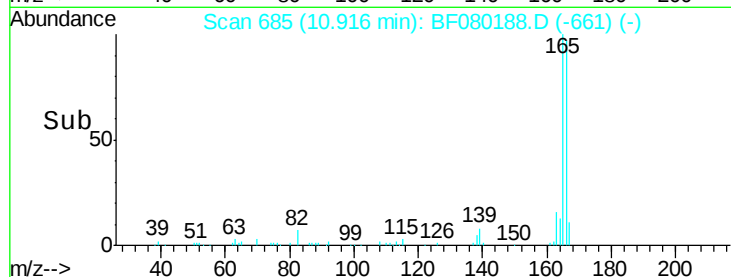
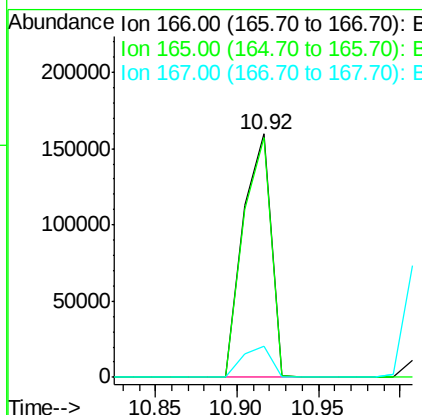
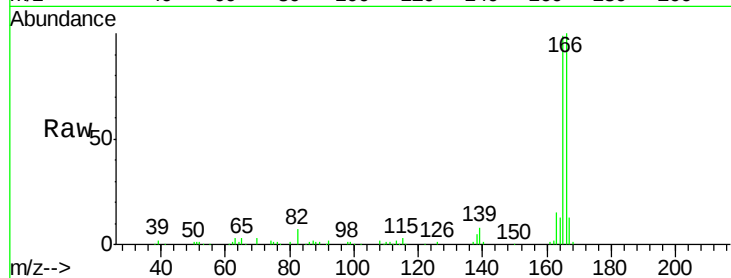




#57
 Fluorene
 Concen: 40.54 ng
 RT: 10.92 min Scan# 685
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

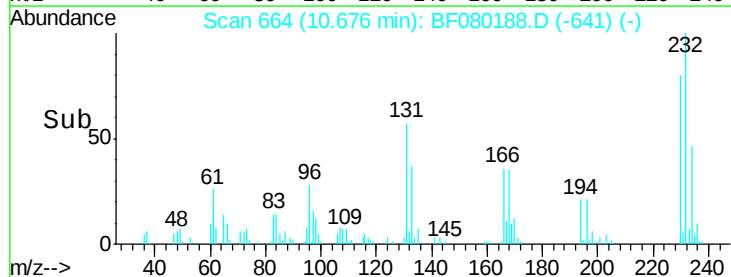
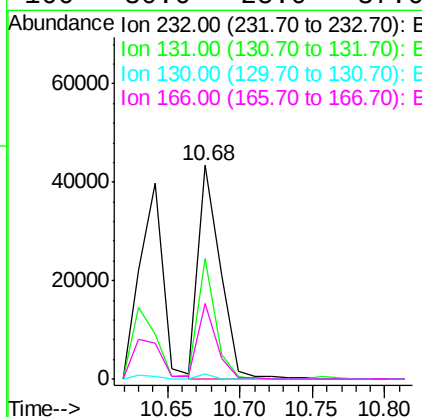
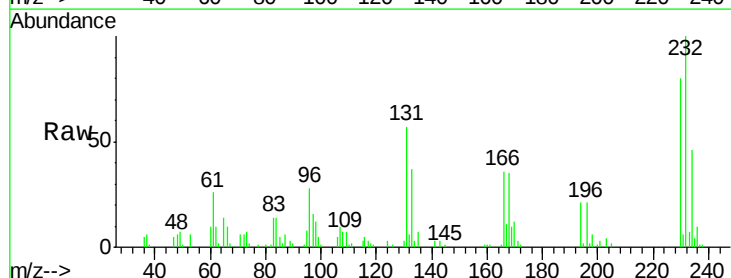
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 188508
 Ion Ratio Lower Upper
 166 100
 165 98.7 72.6 109.0
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.36 ng
 RT: 10.68 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:232 Resp: 46443
 Ion Ratio Lower Upper
 232 100
 131 45.5 38.5 57.7
 130 1.7 1.8 2.6#
 166 30.6 25.0 37.6

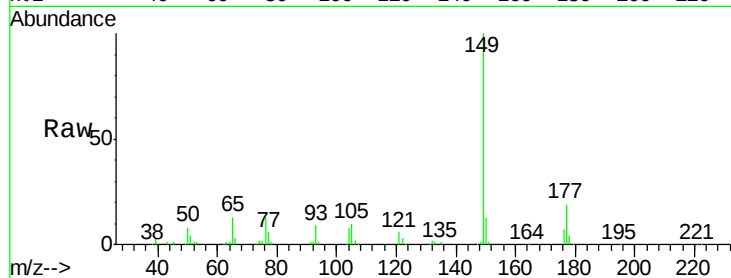




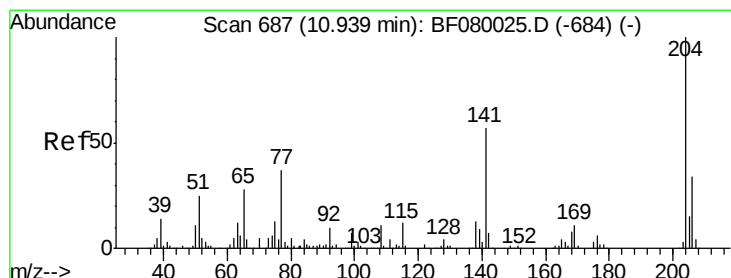
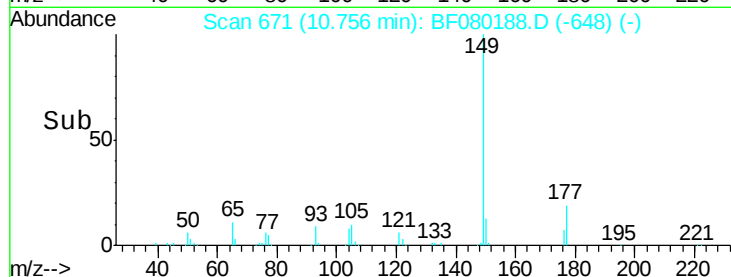
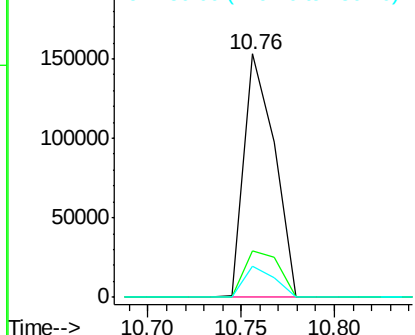
#59
Diethylphthalate
Concen: 37.36 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 173267
Ion Ratio Lower Upper
149 100
177 19.1 17.5 26.3
150 12.8 9.4 14.2

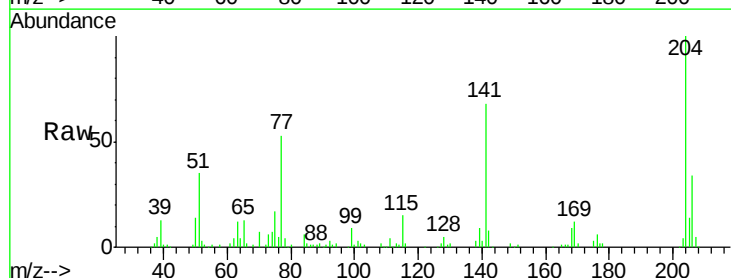


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

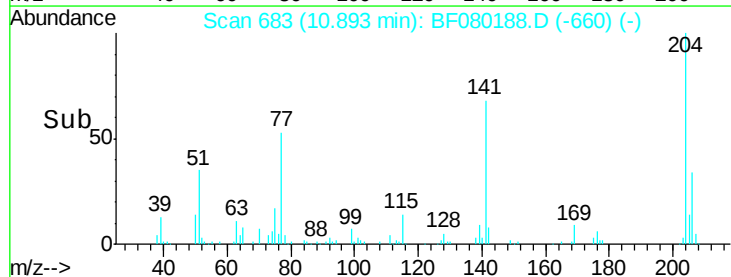
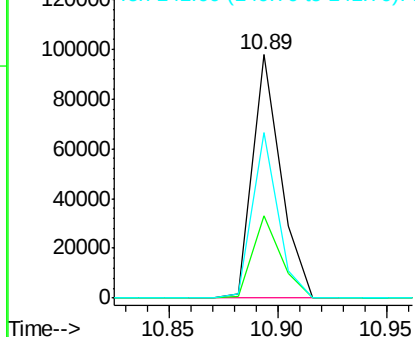


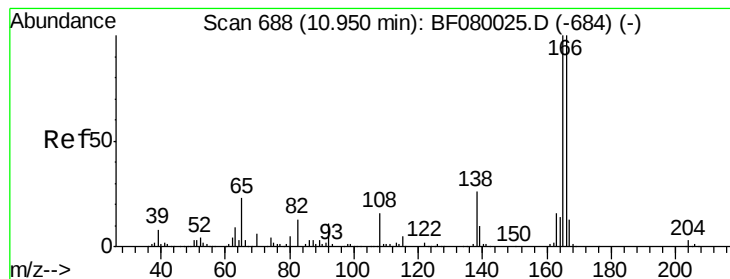
#60
4-Chlorophenyl-phenylether
Concen: 39.50 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:204 Resp: 88252
Ion Ratio Lower Upper
204 100
206 33.6 24.8 37.2
141 68.2 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: 38.51 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

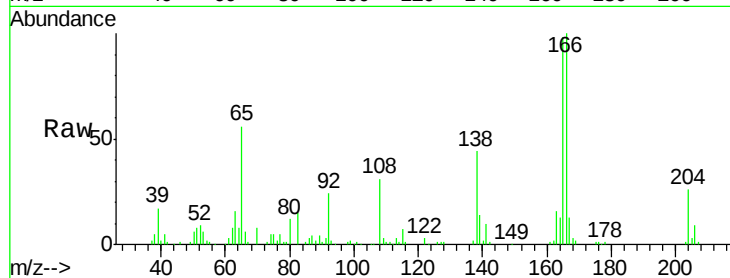
Tot Ion:138 Resp: 42374

Ion Ratio Lower Upper

138 100

92 54.3 12.6 52.6#

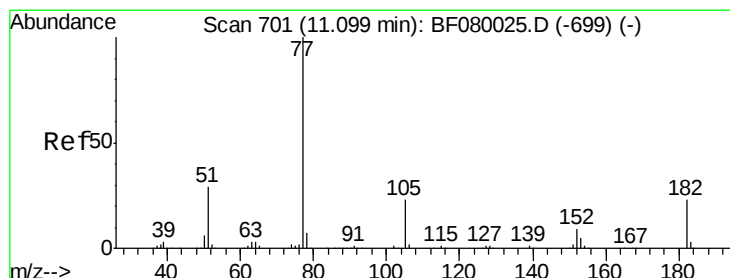
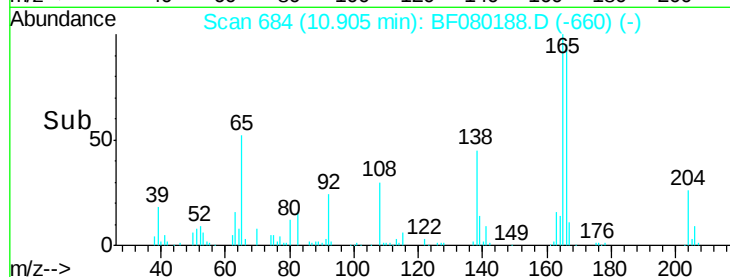
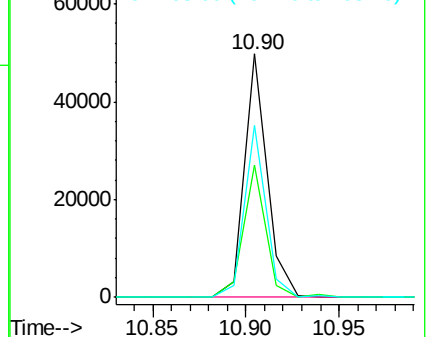
108 70.4 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.79 ng

RT: 11.05 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion: 77 Resp: 183108

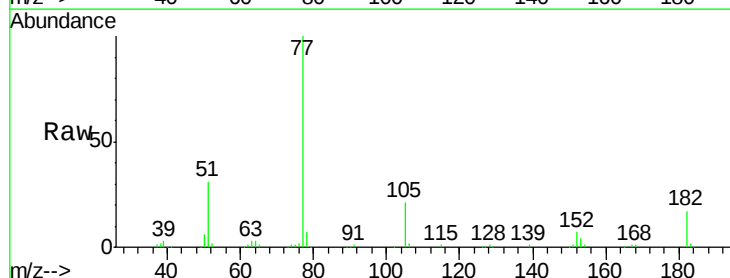
Ion Ratio Lower Upper

77 100

182 17.2 15.1 55.1

105 20.5 3.4 43.4

51 31.0 12.0 52.0

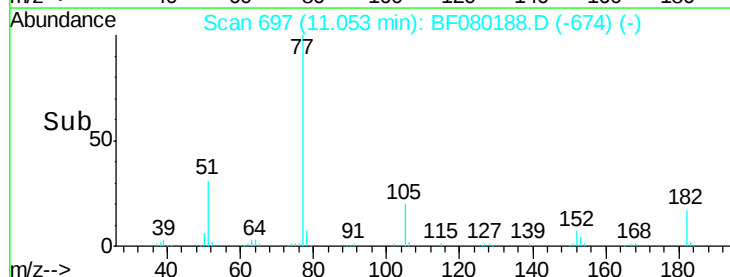
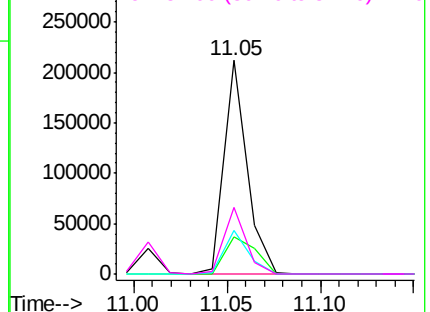


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

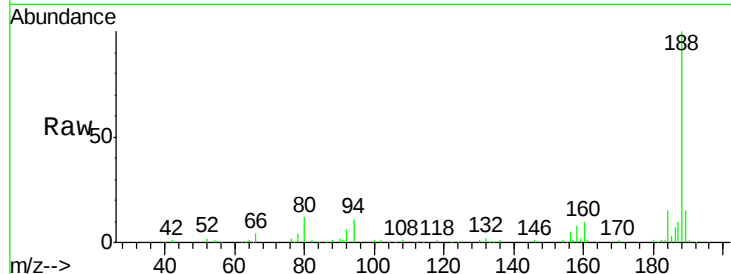




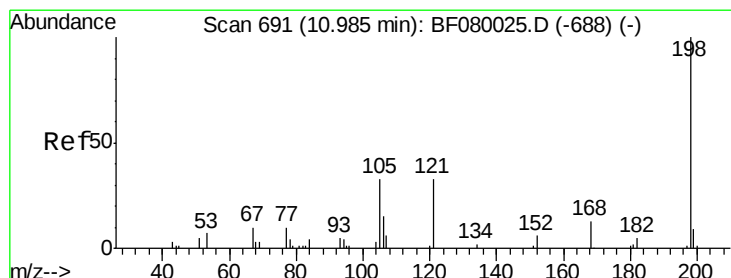
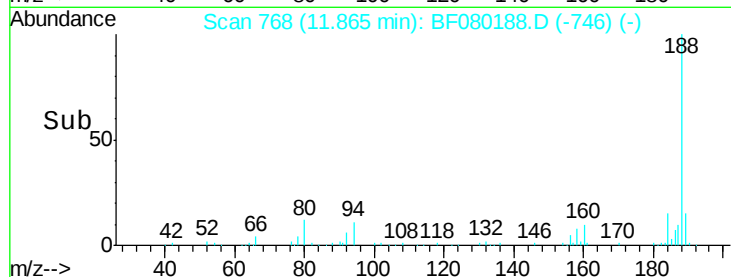
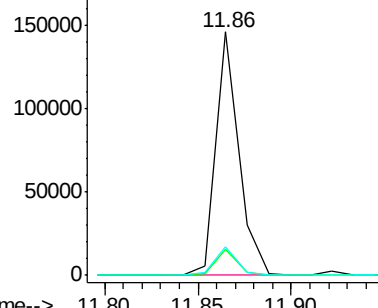
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 125377
 Ion Ratio Lower Upper
 188 100
 94 10.7 11.1 16.7#
 80 11.5 11.0 16.4

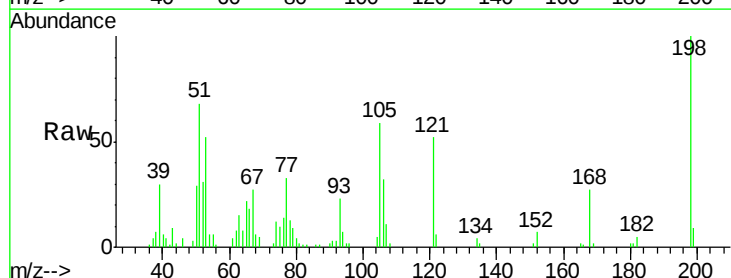


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

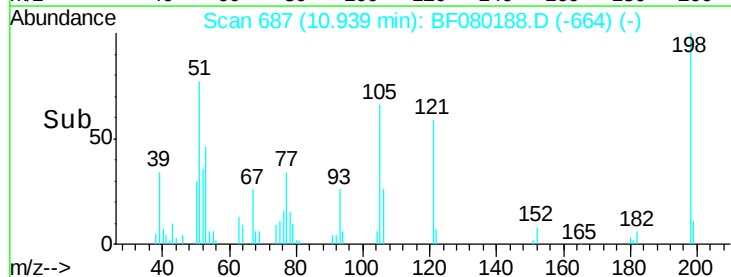
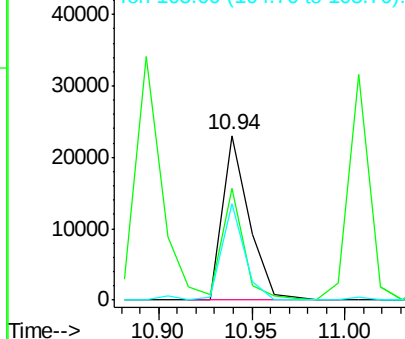


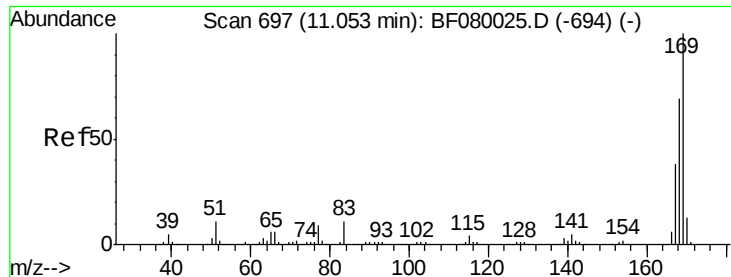
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.22 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:198 Resp: 22992
 Ion Ratio Lower Upper
 198 100
 51 68.2 39.6 79.6
 105 58.5 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

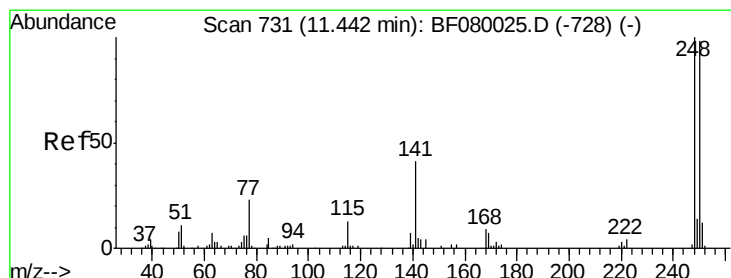
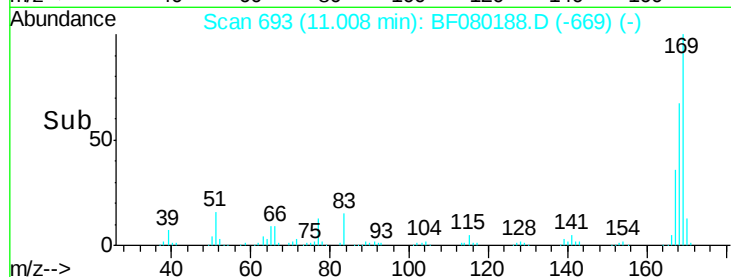
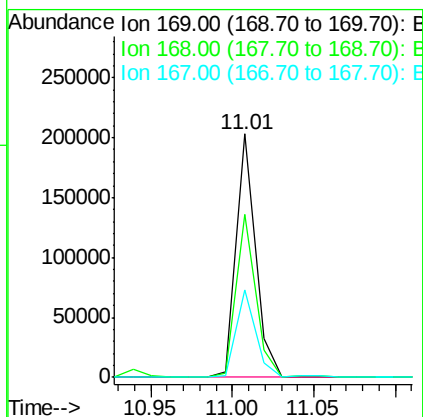
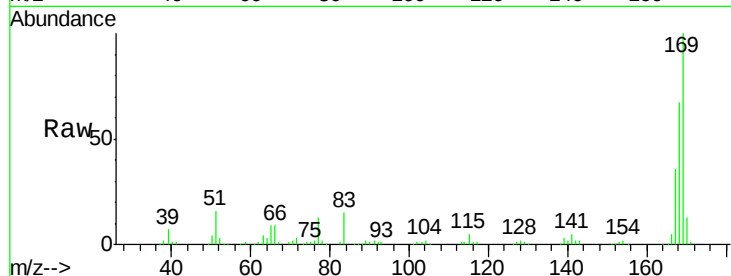




#65
 n-Nitrosodiphenylamine
 Concen: 40.56 ng
 RT: 11.01 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

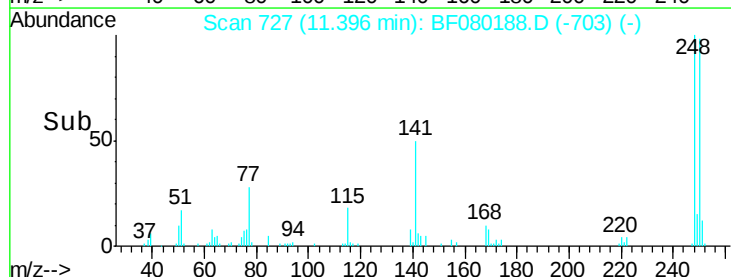
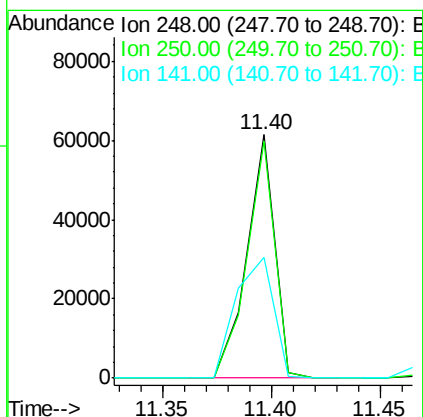
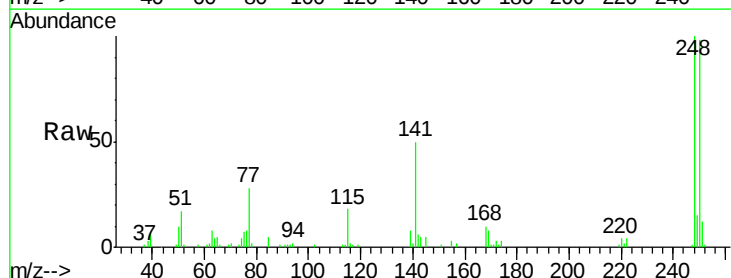
Instrument :
 BNA_F
 ClientSampled :

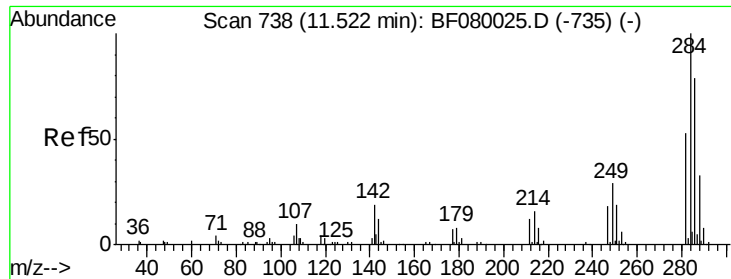
Tot Ion:169 Resp: 165575
 Ion Ratio Lower Upper
 169 100
 168 66.7 48.9 73.3
 167 36.1 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 40.94 ng
 RT: 11.40 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:248 Resp: 54572
 Ion Ratio Lower Upper
 248 100
 250 97.7 78.5 117.7
 141 49.8 59.0 88.6#

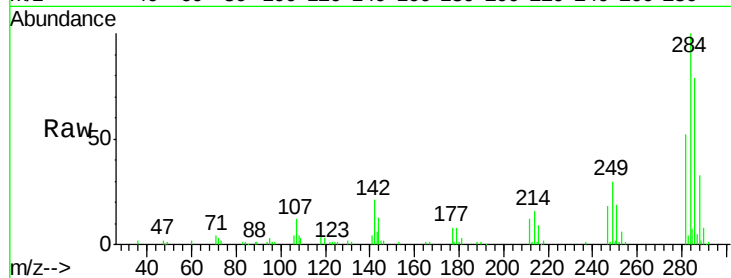




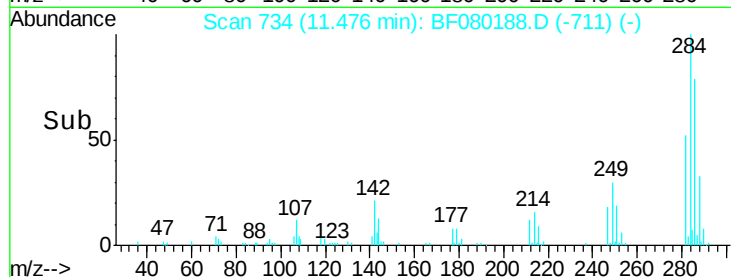
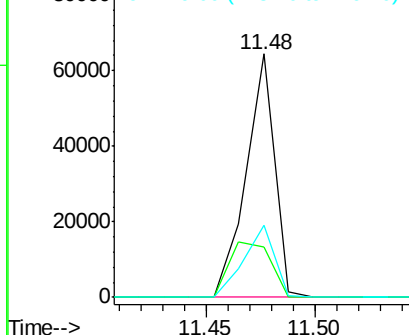
#67
Hexachlorobenzene
Concen: 39.54 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 58585
Ion Ratio Lower Upper
284 100
142 20.6 29.5 44.3#
249 29.5 19.5 29.3#

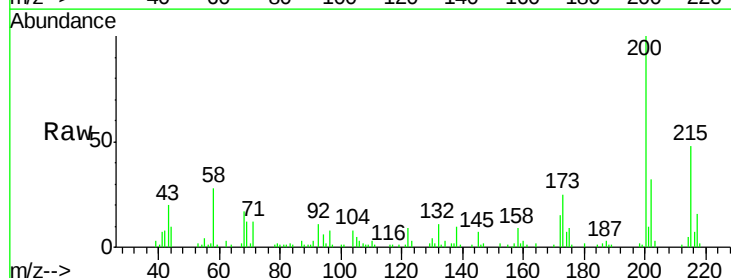


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

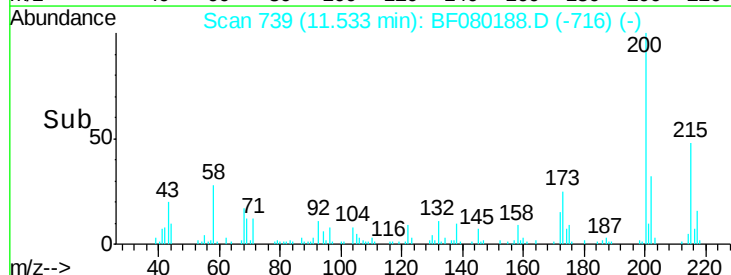
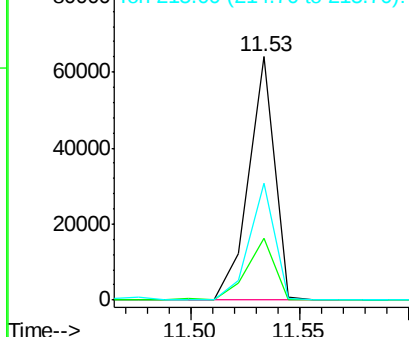


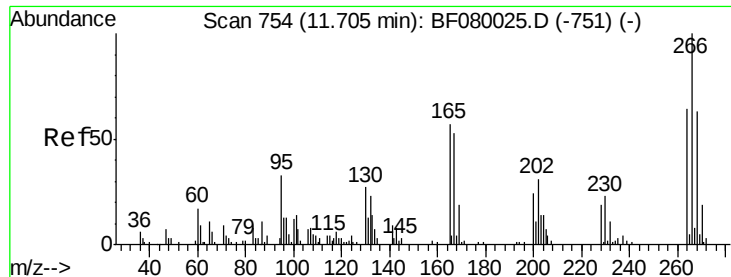
#68
Atrazine
Concen: 40.86 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:200 Resp: 52710
Ion Ratio Lower Upper
200 100
173 25.3 13.2 53.2
215 48.1 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

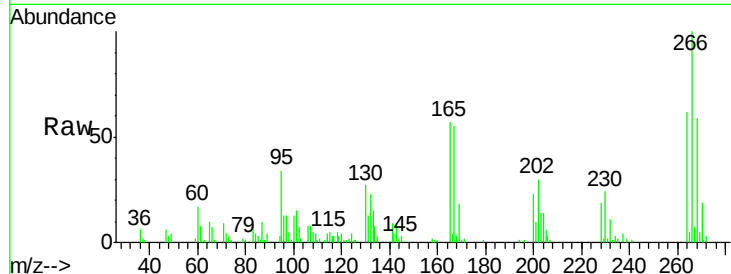




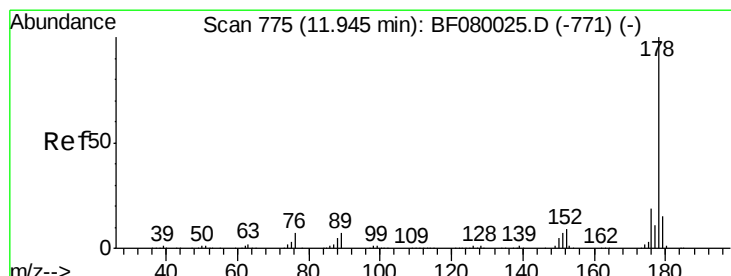
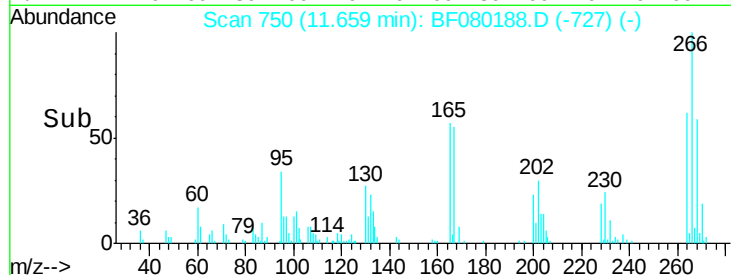
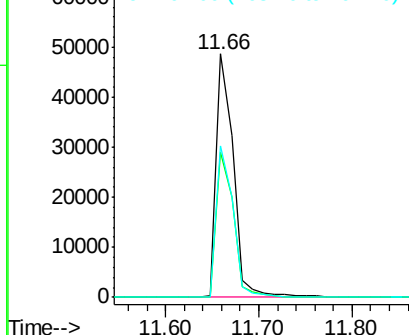
#69
 Pentachlorophenol
 Concen: 72.69 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 61030
 Ion Ratio Lower Upper
 266 100
 268 59.4 49.8 74.6
 264 62.1 50.2 75.2

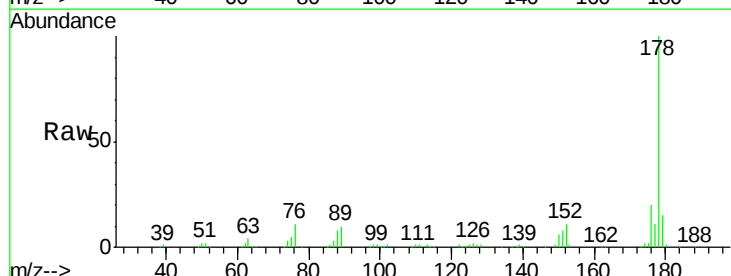


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

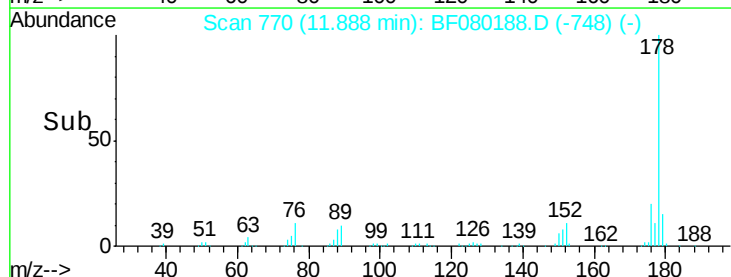
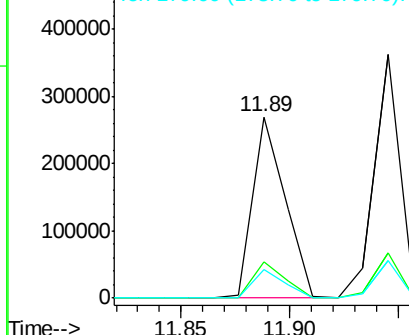


#70
 Phenanthrene
 Concen: 36.99 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:178 Resp: 280748
 Ion Ratio Lower Upper
 178 100
 176 19.7 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

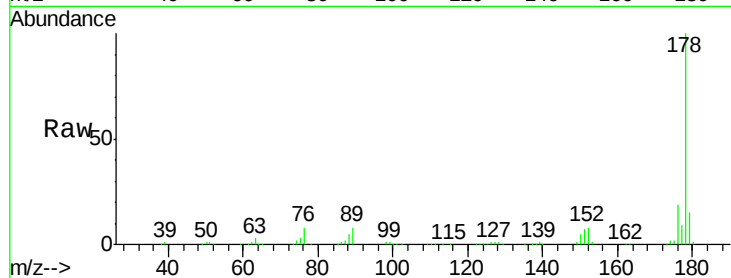




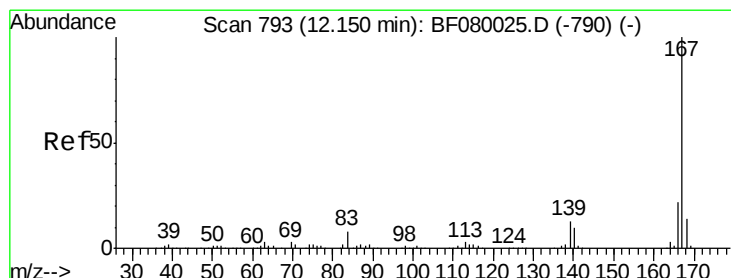
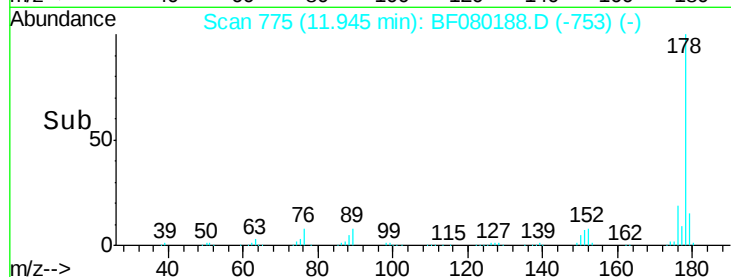
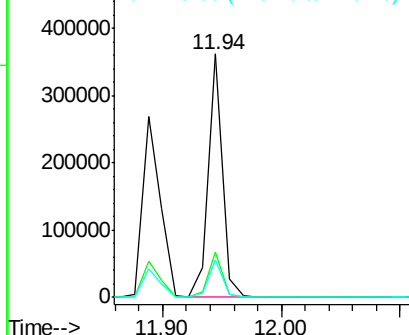
#71
 Anthracene
 Concen: 41.22 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 301298
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.1 21.1
 179 15.3 12.2 18.2

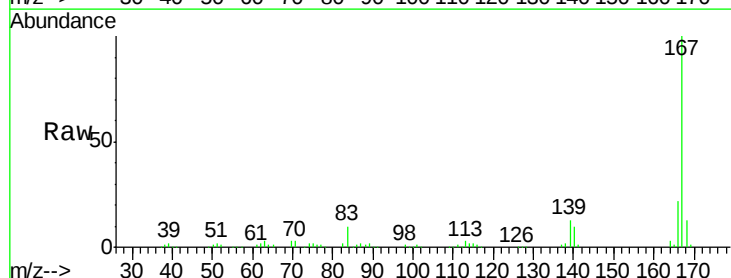


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

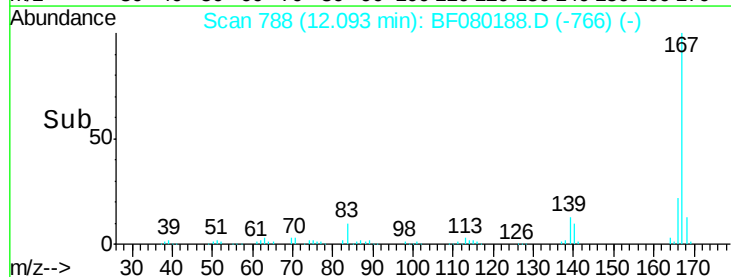
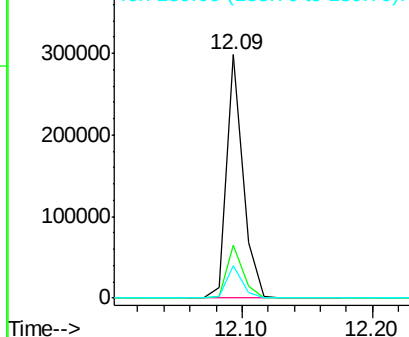


#72
 Carbazole
 Concen: 37.61 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.05 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:167 Resp: 262440
 Ion Ratio Lower Upper
 167 100
 166 21.7 15.7 23.5
 139 13.2 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: 35.69 ng

RT: 12.42 min Scan# 817

Delta R.T. -0.06 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

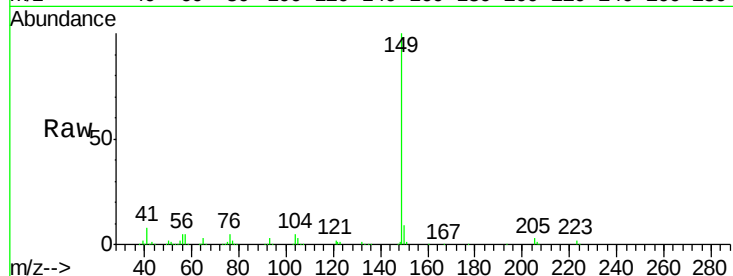
Tot Ion:149 Resp: 287737

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

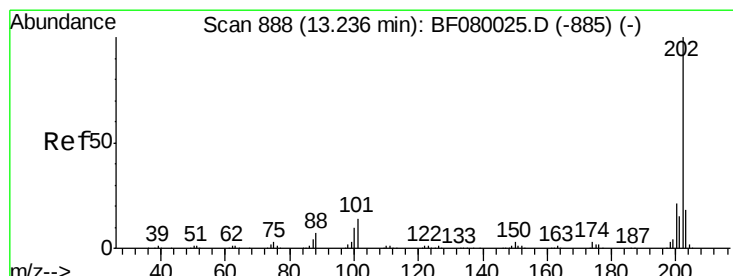
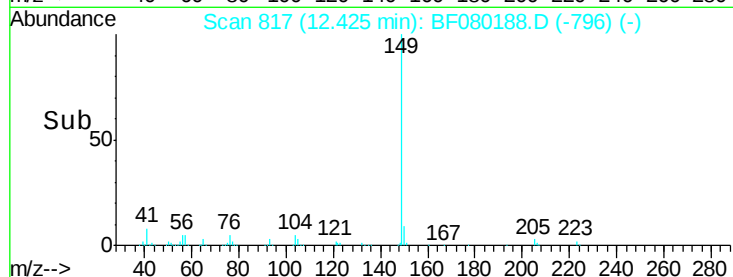
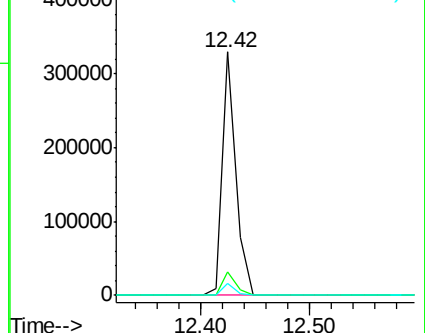
104 5.1 2.4 3.6#



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: 39.87 ng

RT: 13.16 min Scan# 881

Delta R.T. -0.09 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

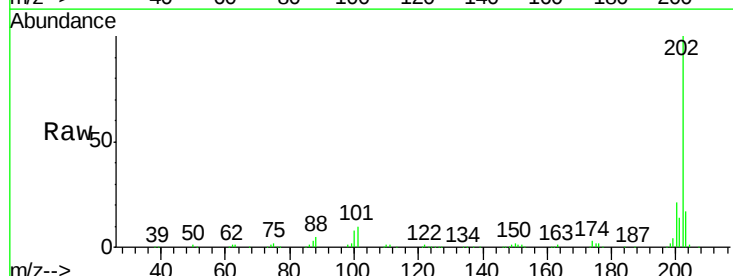
Tgt Ion:202 Resp: 322272

Ion Ratio Lower Upper

202 100

101 9.9 0.0 38.3

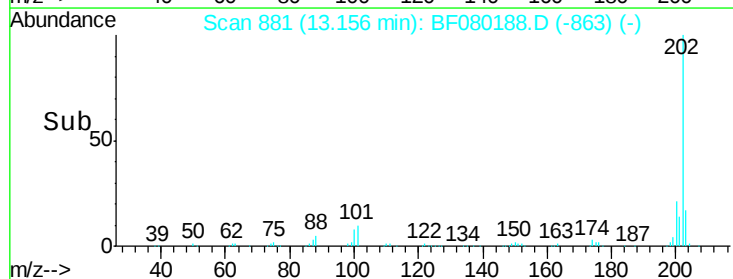
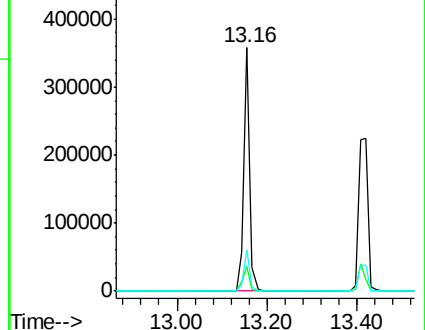
203 17.2 0.0 37.3

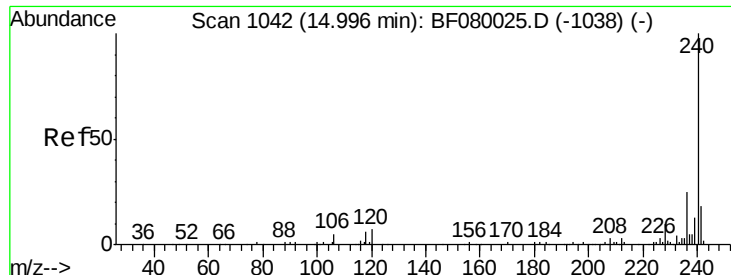


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

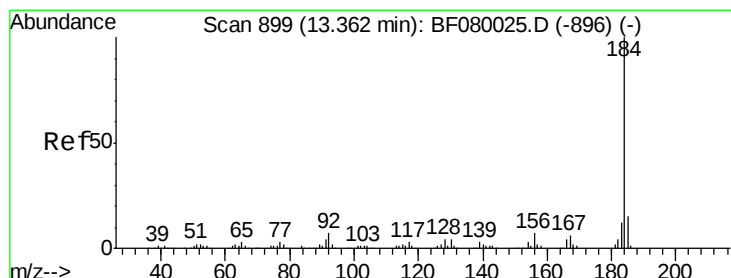
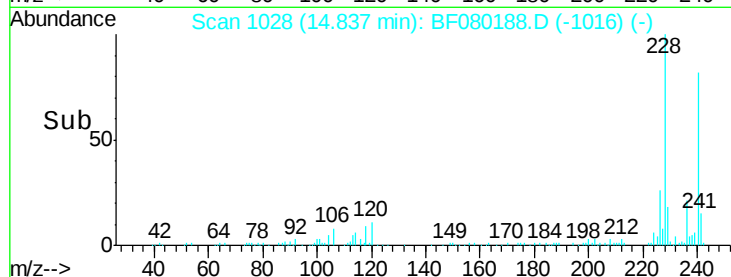
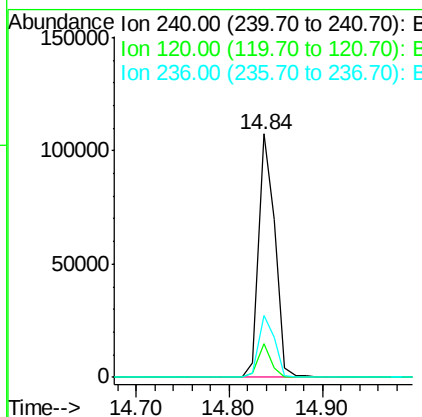
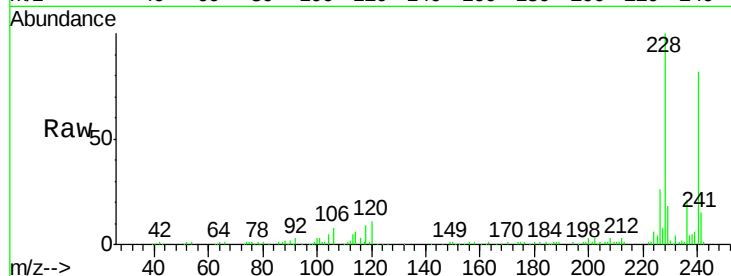




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.84 min Scan# 1028
Delta R.T. -0.16 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

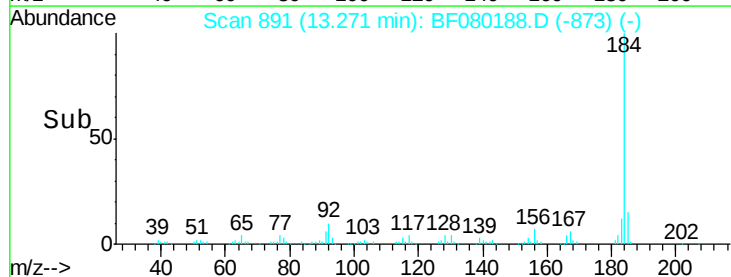
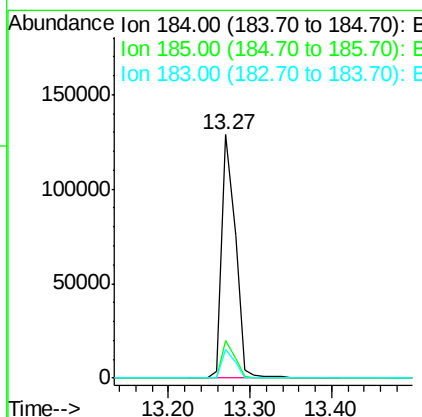
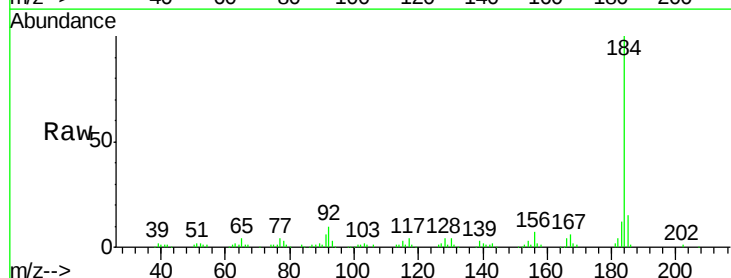
Instrument :
BNA_F
ClientSampled :

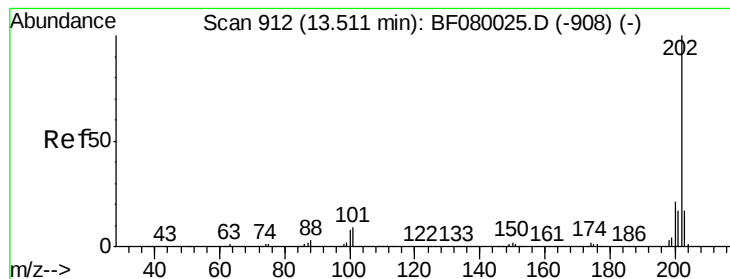
Tot Ion:240 Resp: 131249
Ion Ratio Lower Upper
240 100
120 13.7 16.2 24.2#
236 25.3 18.4 27.6



#76
Benzidine
Concen: 40.76 ng
RT: 13.27 min Scan# 891
Delta R.T. -0.09 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:184 Resp: 149553
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.6
183 11.5 7.6 11.4#





#77

Pvrene

Concen: 39.38 ng

RT: 13.42 min Scan# 904

Delta R.T. -0.09 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

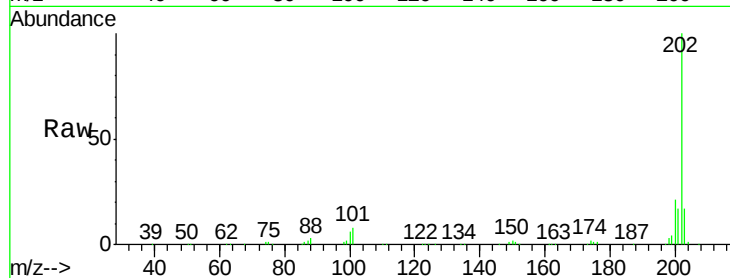
Tot Ion:202 Resp: 318212

Ion Ratio Lower Upper

202 100

200 21.1 15.0 22.4

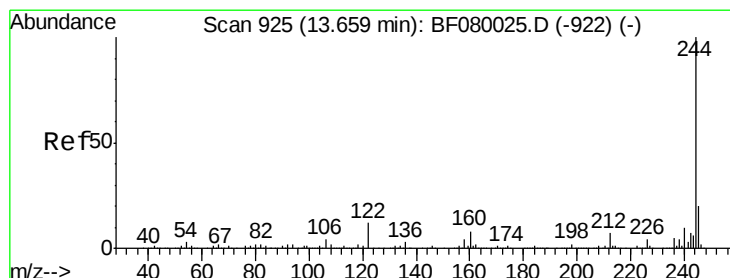
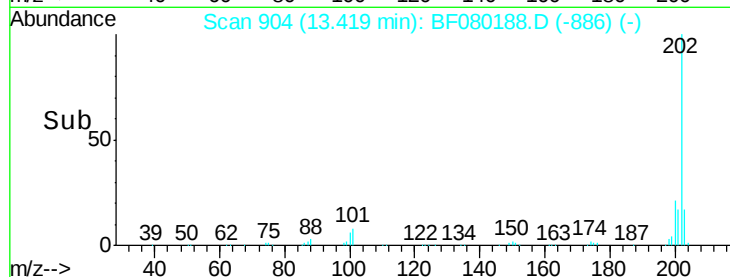
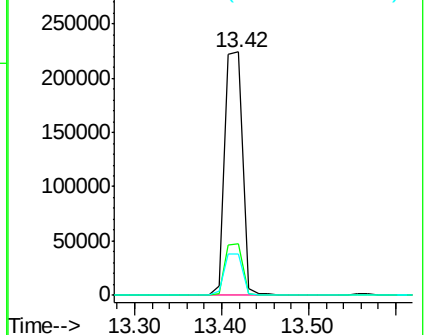
203 17.1 14.1 21.1



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: 73.88 ng

RT: 13.57 min Scan# 917

Delta R.T. -0.10 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

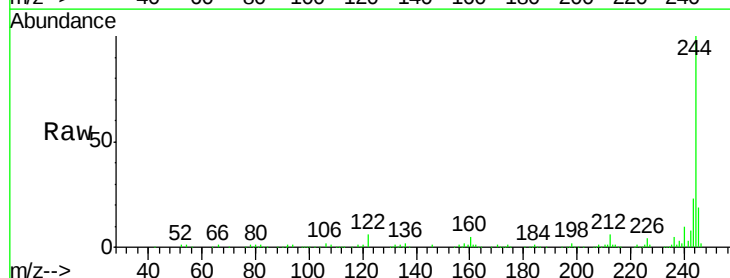
Tgt Ion:244 Resp: 415211

Ion Ratio Lower Upper

244 100

212 5.9 4.3 6.5

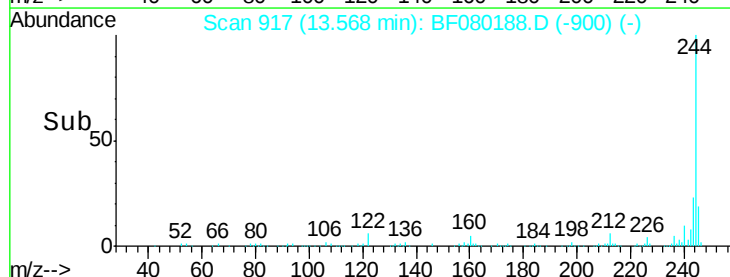
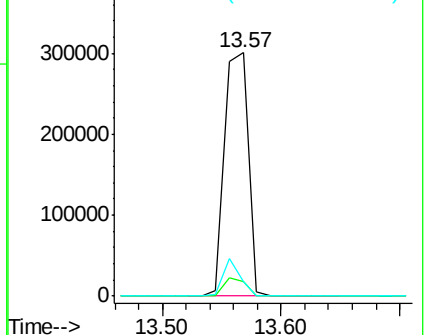
122 5.9 17.4 26.2#

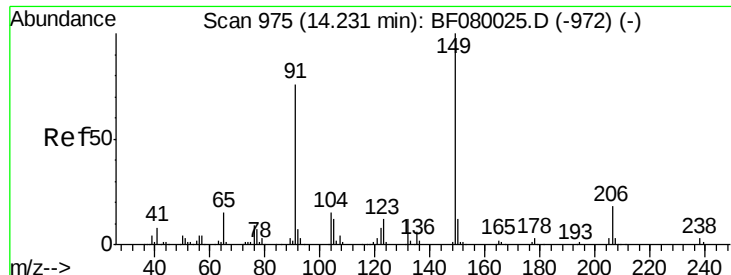


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

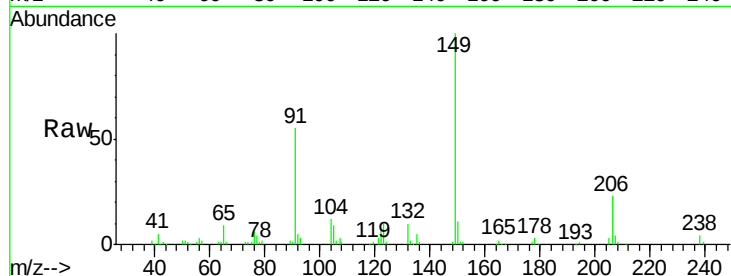




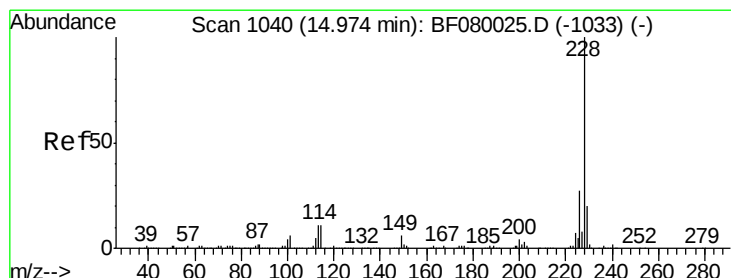
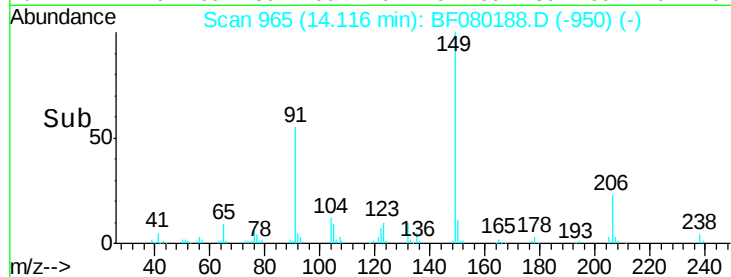
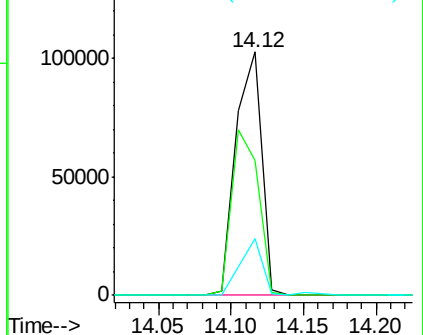
#79
Butylbenzylphthalate
Concen: 39.05 ng
RT: 14.12 min Scan# 965
Delta R.T. -0.13 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 126714
Ion Ratio Lower Upper
149 100
91 55.2 48.6 72.8
206 23.2 14.9 22.3#

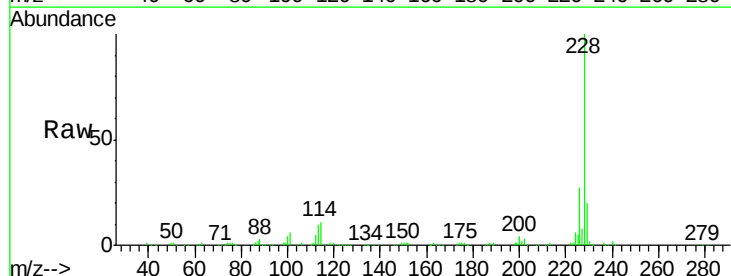


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

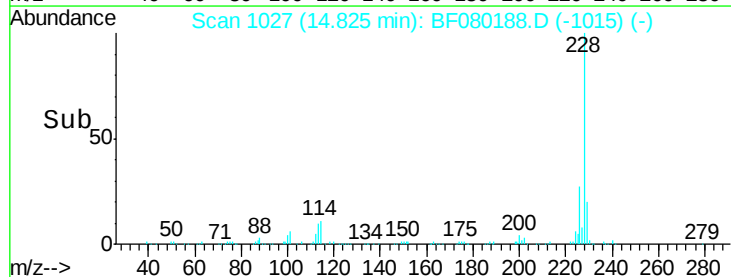
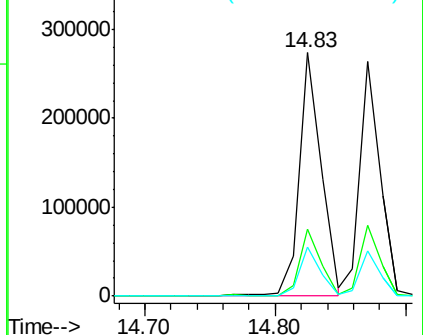


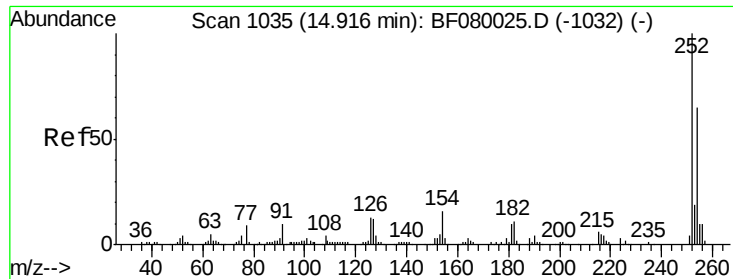
#80
Benzo(a)anthracene
Concen: 40.30 ng
RT: 14.83 min Scan# 1027
Delta R.T. -0.16 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:228 Resp: 322202
Ion Ratio Lower Upper
228 100
226 27.4 20.0 30.0
229 19.9 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

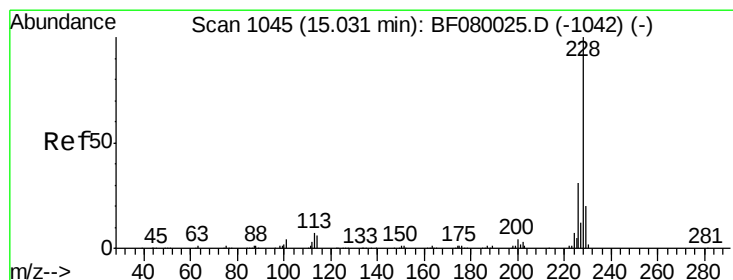
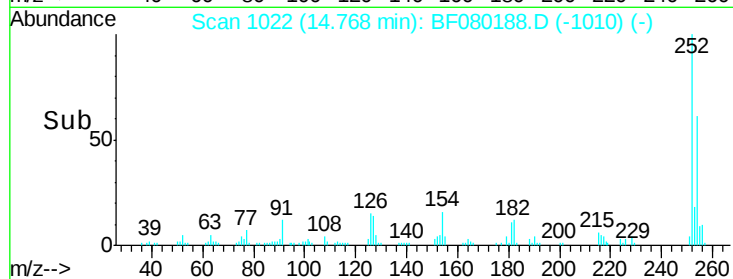
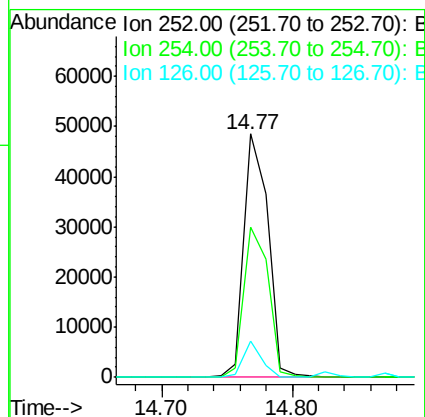
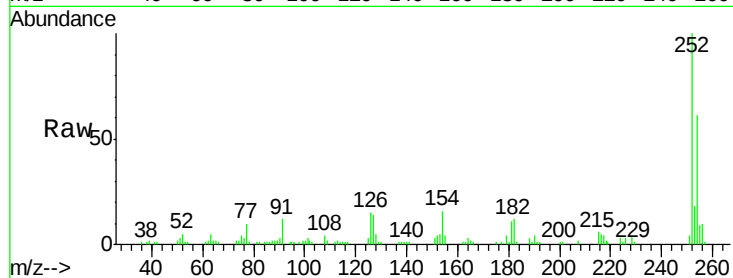




#81
 3,3'-Dichlorobenzidine
 Concen: 22.60 ng
 RT: 14.77 min Scan# 1022
 Delta R.T. -0.16 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

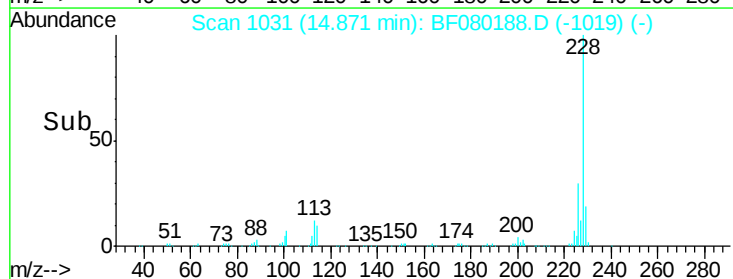
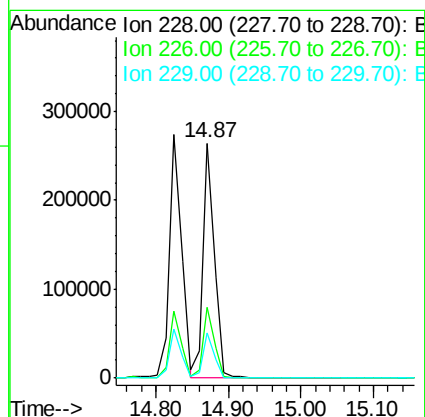
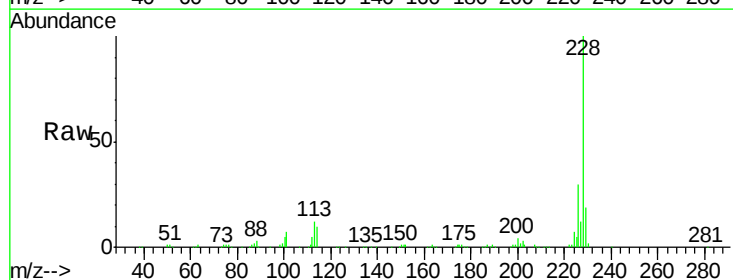
Instrument :
 BNA_F
 ClientSampleId :

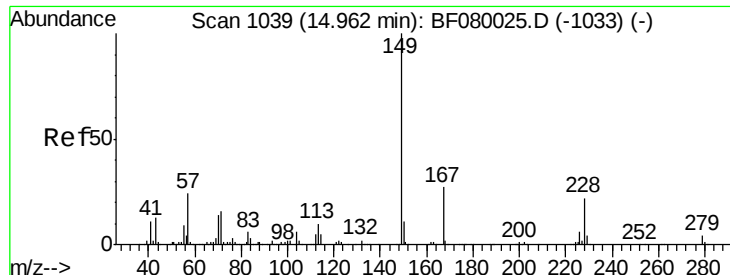
Tot Ion:252 Resp: 62338
 Ion Ratio Lower Upper
 252 100
 254 61.4 51.4 77.2
 126 14.7 16.4 24.6#



#82
 Chrysene
 Concen: 39.34 ng
 RT: 14.87 min Scan# 1031
 Delta R.T. -0.16 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:228 Resp: 290093
 Ion Ratio Lower Upper
 228 100
 226 29.9 21.0 31.4
 229 19.5 15.6 23.4

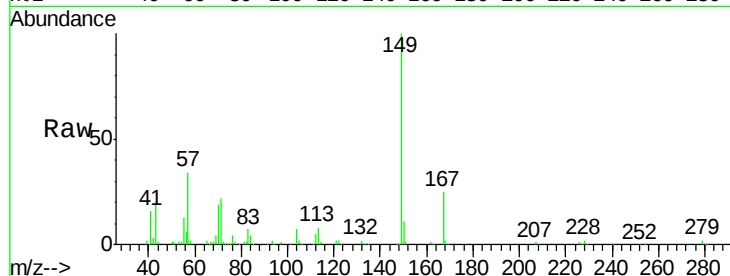




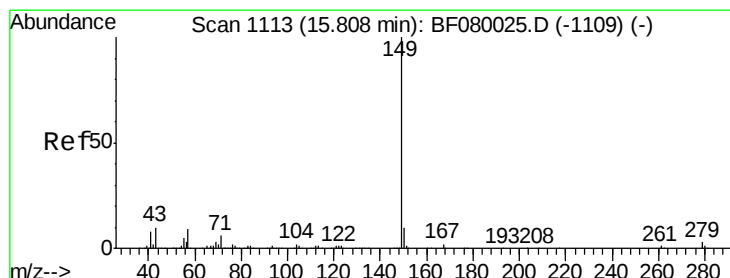
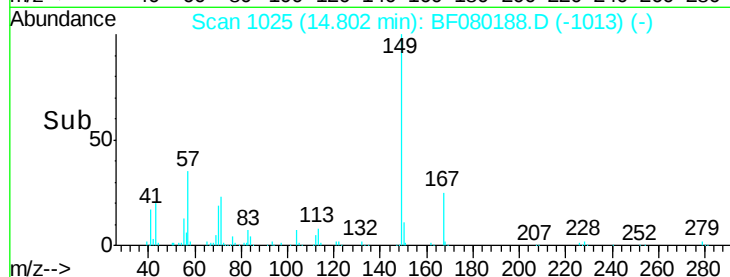
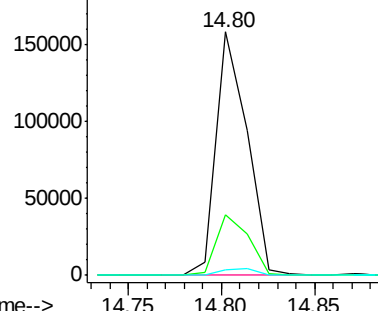
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.56 ng
 RT: 14.80 min Scan# 1025
 Delta R.T. -0.16 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 182371
 Ion Ratio Lower Upper
 149 100
 167 24.8 24.2 36.2
 279 2.3 3.8 5.6#

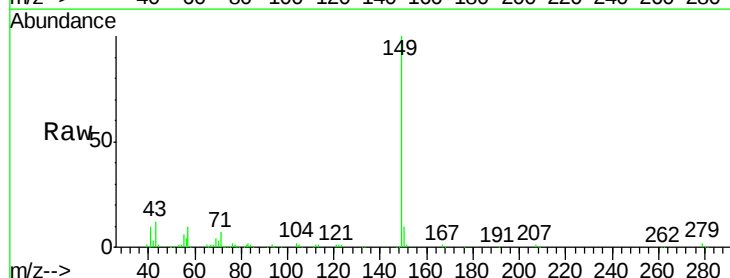


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

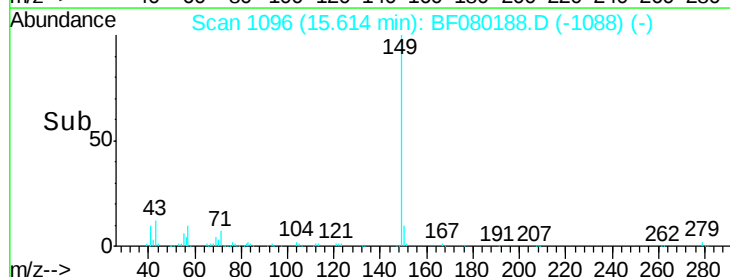
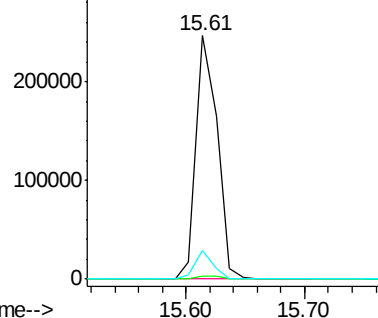


#84
 Di-n-octyl phthalate
 Concen: 34.54 ng
 RT: 15.61 min Scan# 1096
 Delta R.T. -0.21 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:149 Resp: 303557
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 10.9 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: 38.20 ng

RT: 18.55 min Scan# 1353

Delta R.T. -0.24 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

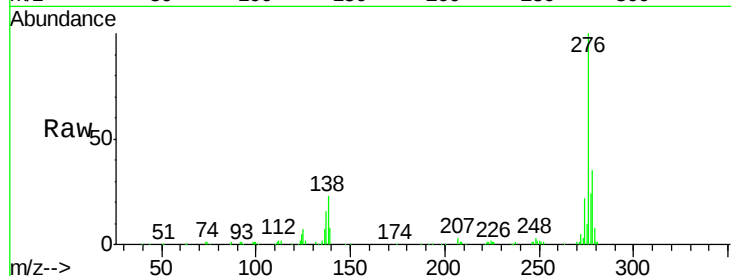
Tot Ion:276 Resp: 355172

Ion Ratio Lower Upper

276 100

138 26.5 25.7 38.5

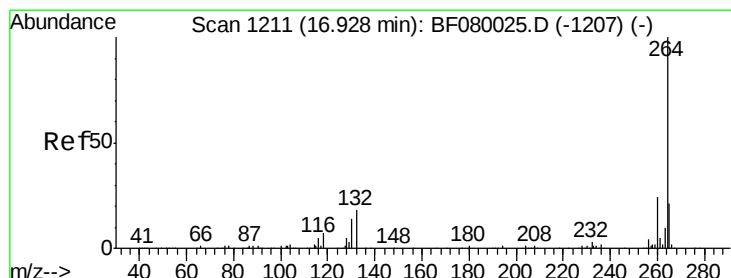
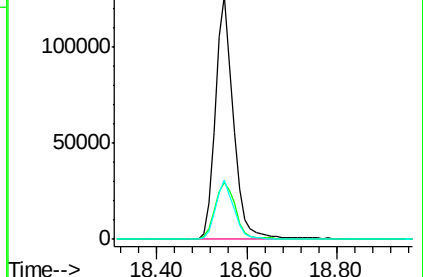
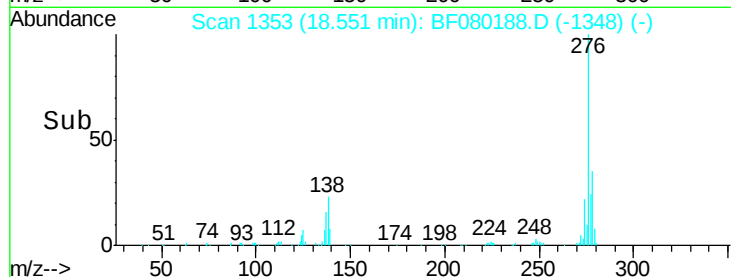
277 24.5 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.71 min Scan# 1192

Delta R.T. -0.22 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

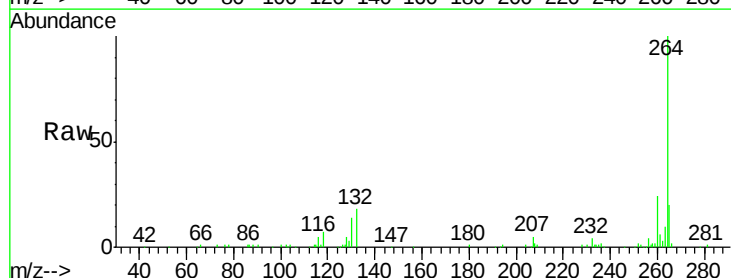
Tgt Ion:264 Resp: 126785

Ion Ratio Lower Upper

264 100

260 23.8 16.7 25.1

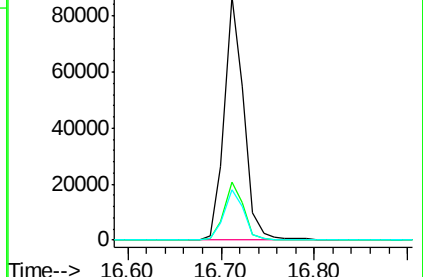
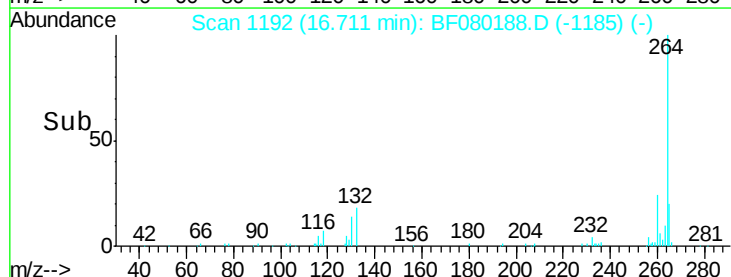
265 20.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

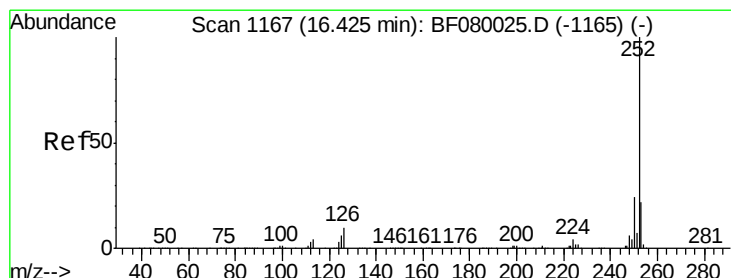
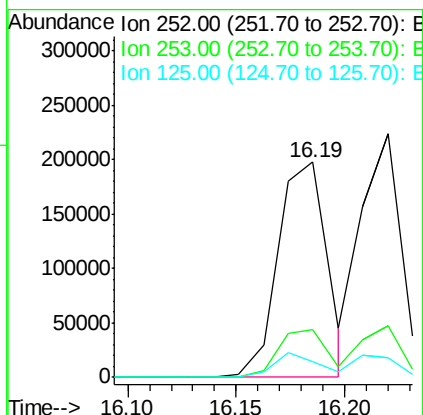
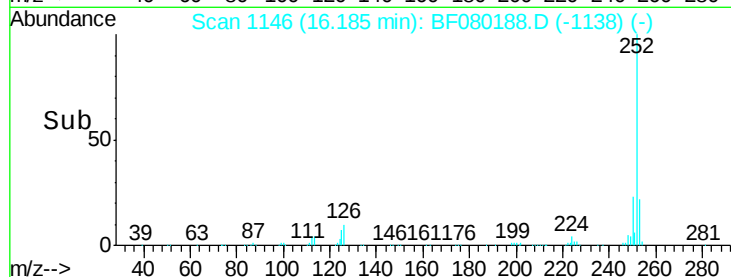
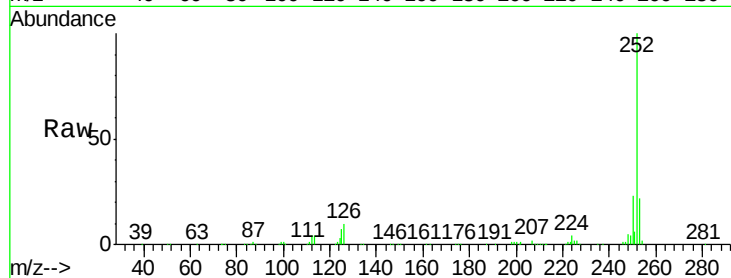




#87
Benzo(b)fluoranthene
Concen: 40.77 ng
RT: 16.19 min Scan# 1146
Delta R.T. -0.21 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

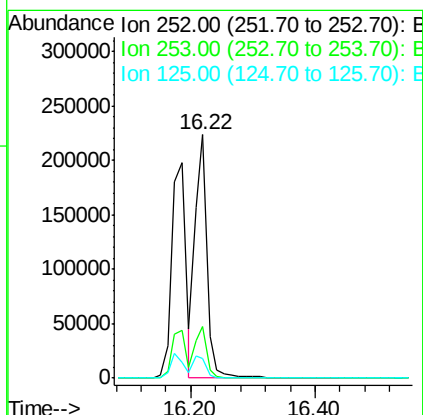
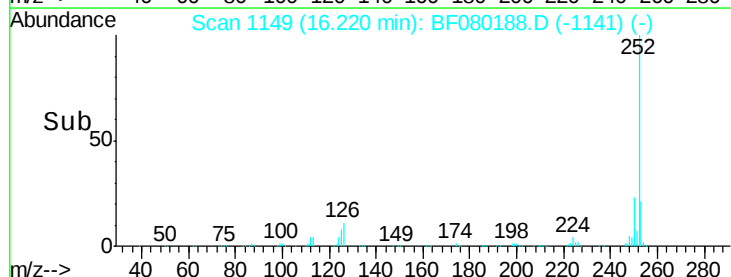
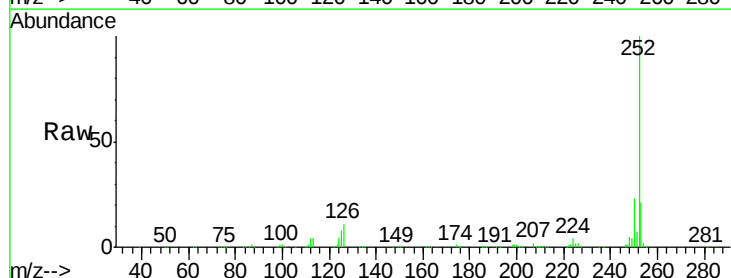
Instrument :
BNA_F
ClientSampleId :

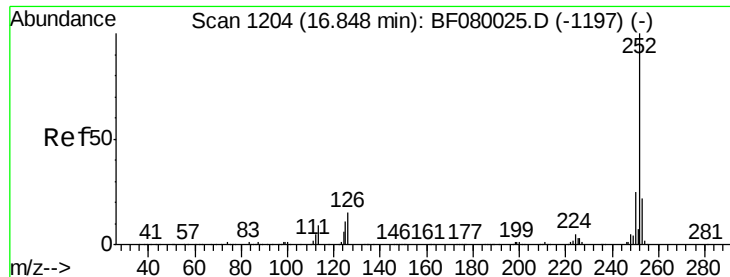
Tot Ion:252 Resp: 312959
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 7.3 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 38.82 ng
RT: 16.22 min Scan# 1149
Delta R.T. -0.21 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:252 Resp: 303484
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 7.9 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 41.80 ng

RT: 16.63 min Scan# 1185

Delta R.T. -0.22 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

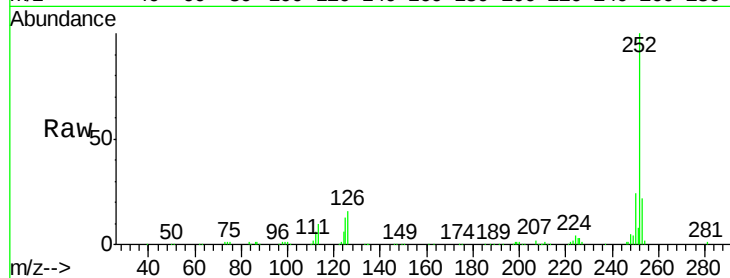
Tot Ion:252 Resp: 304746

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

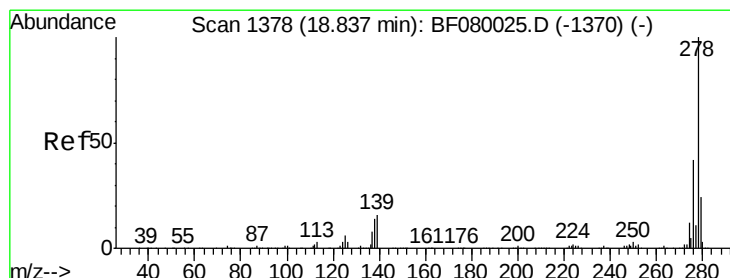
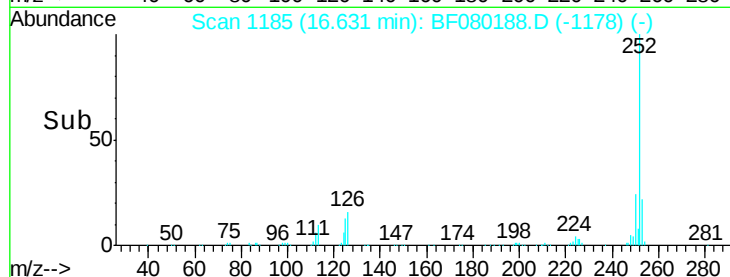
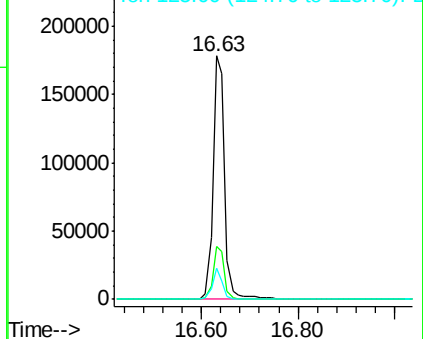
125 12.7 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.26 ng

RT: 18.57 min Scan# 1355

Delta R.T. -0.24 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

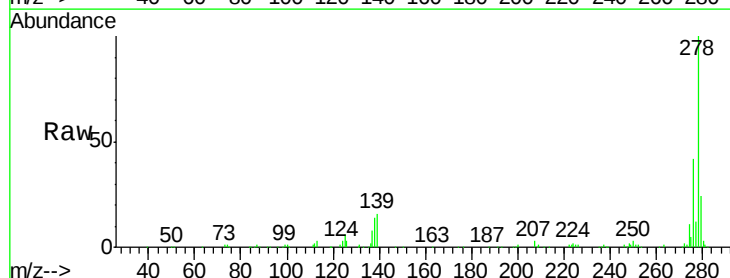
Tgt Ion:278 Resp: 300373

Ion Ratio Lower Upper

278 100

139 16.0 26.3 39.5#

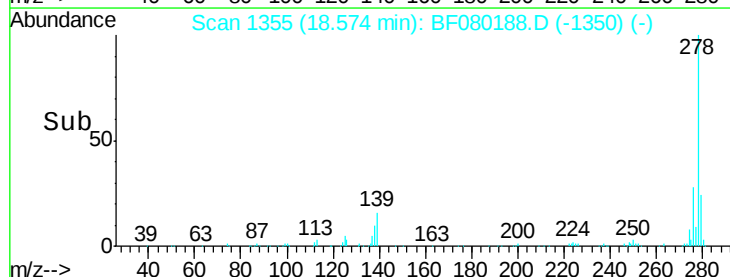
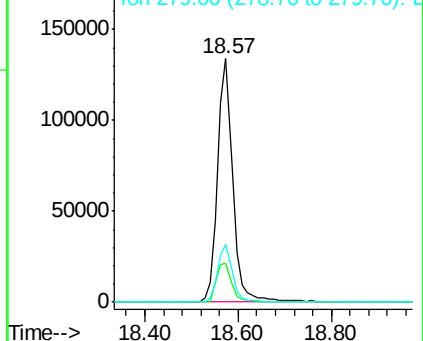
279 23.8 18.2 27.4

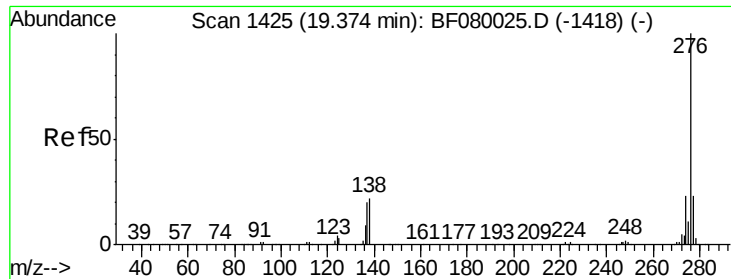


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

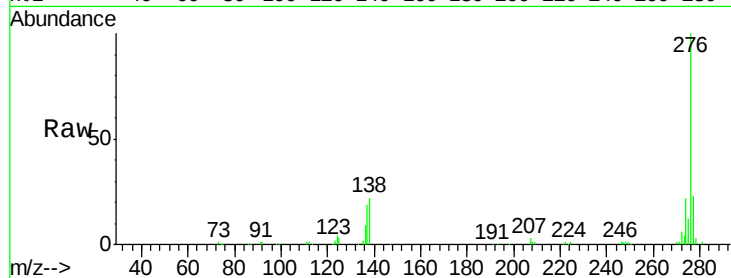




#91
 Benzo(a,h,i)perylene
 Concen: 40.20 ng
 RT: 19.10 min Scan# 1401
 Delta R.T. -0.25 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.8	26.6
138	22.0	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

