

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080247.D
 Acq On : 30 Jun 2015 20:28
 Operator : TP/IZ
 Sample : G2831-09MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

Quant Time: Jul 01 01:20:23 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	7.28	152	32640	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	139336	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	75338	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	157544	20.00	ng	-0.06
75) Chrysene-d12	14.86	240	182767	20.00	ng	-0.14
86) Perylene-d12	16.73	264	180040	20.00	ng	-0.19

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	217360	117.88	ng	-0.03
7) Phenol-d6	6.89	99	287127	117.02	ng	-0.03
23) Nitrobenzene-d5	7.84	82	200749	83.88	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	93763	127.28	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	380828	72.09	ng	-0.05
78) Terphenyl-d14	13.57	244	592358	75.69	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	25071	28.61	ng	88
3) Pyridine	4.00	79	46052	19.76	ng	# 79
4) n-Nitrosodimethylamine	3.88	42	39448	35.61	ng	93
6) Aniline	6.94	93	71027	21.04	ng	94
8) 2-Chlorophenol	7.06	128	81847	38.41	ng	85
9) Benzaldehyde	6.84	77	49202	34.73	ng	90
10) Phenol	6.90	94	105276	39.32	ng	81
11) bis(2-Chloroethyl)ether	7.01	93	82288	38.73	ng	85
12) 1,3-Dichlorobenzene	7.22	146	93362	36.47	ng	# 91
13) 1,4-Dichlorobenzene	7.30	146	96946	39.82	ng	97
14) 1,2-Dichlorobenzene	7.30	146	96946	40.92	ng	98
15) Benzyl Alcohol	7.41	79	74015	36.89	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.54	45	136229	43.20	ng	89
17) 2-Methylphenol	7.52	107	66853	36.73	ng	# 89
18) Hexachloroethane	7.81	117	31218	38.51	ng	# 78
19) n-Nitroso-di-n-propylamine	7.68	70	64704	37.98	ng	# 77
20) 3+4-Methylphenols	7.67	107	93113	39.63	ng	90
22) Acetophenone	7.68	105	121748	37.49	ng	# 82
24) Nitrobenzene	7.86	77	91551	37.06	ng	# 79
25) Isophorone	8.09	82	170990	35.50	ng	# 83
26) 2-Nitrophenol	8.18	139	42638	41.24	ng	# 81
27) 2,4-Dimethylphenol	8.21	122	83335	38.65	ng	# 85
28) bis(2-Chloroethoxy)methane	8.30	93	105999	37.46	ng	# 91
29) 2,4-Dichlorophenol	8.42	162	80035	43.34	ng	98
30) 1,2,4-Trichlorobenzene	8.52	180	82412	39.30	ng	98
31) Naphthalene	8.60	128	268510	36.86	ng	98
32) Benzoic acid	8.28	122	39005	29.92	ng	# 80
33) 4-Chloroaniline	8.63	127	49748	15.96	ng	# 85
34) Hexachlorobutadiene	8.72	225	43390	33.60	ng	98
35) Caprolactam	8.97	113	19509	32.55	ng	99
36) 4-Chloro-3-methylphenol	9.11	107	73824	35.45	ng	95
37) 2-Methylnaphthalene	9.29	142	196234	41.64	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	83303	38.00	ng	98
40) Hexachlorocyclopentadiene	9.45	237	73297	66.14	ng	96

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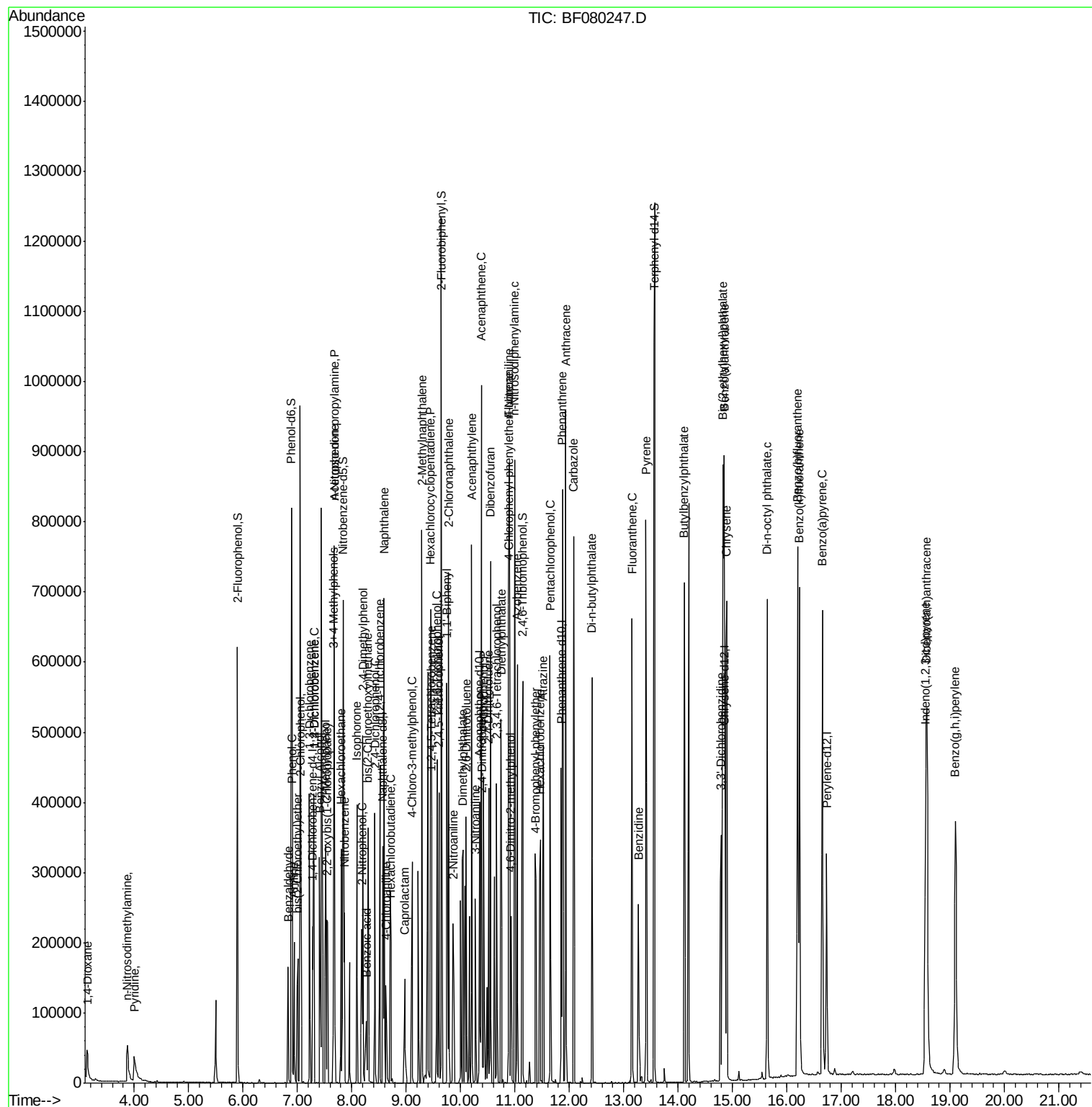
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	60326	40.44	ng	98
43) 2,4,5-Trichlorophenol	9.60	196	60326	35.10	ng #	91
45) 1,1'-Biphenyl	9.75	154	213245	34.79	ng	93
46) 2-Chloronaphthalene	9.78	162	185962	37.39	ng	96
47) 2-Nitroaniline	9.86	65	46906	34.36	ng #	60
48) Acenaphthylene	10.21	152	310433	37.40	ng	97
49) Dimethylphthalate	10.05	163	215509	38.05	ng #	96
50) 2,6-Dinitrotoluene	10.10	165	44310	39.02	ng #	53
51) Acenaphthene	10.38	154	201018	39.58	ng	92
52) 3-Nitroaniline	10.28	138	37285	28.46	ng #	51
53) 2,4-Dinitrophenol	10.39	184	42262	90.61	ng #	54
54) Dibenzofuran	10.55	168	269777	37.44	ng #	90
55) 4-Nitrophenol	10.42	139	66230	63.25	ng #	34
56) 2,4-Dinitrotoluene	10.52	165	66348	46.05	ng #	85
57) Fluorene	10.89	166	210220	36.77	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.66	232	52400	36.12	ng	98
59) Diethylphthalate	10.74	149	218460	38.30	ng	95
60) 4-Chlorophenyl-phenylether	10.88	204	104996	38.21	ng	91
61) 4-Nitroaniline	10.89	138	45435	33.58	ng #	49
62) Azobenzene	11.04	77	213193	36.72	ng	87
64) 4,6-Dinitro-2-methylphenol	10.93	198	28074	38.40	ng	91
65) n-Nitrosodiphenylamine	11.00	169	192830	37.59	ng	91
66) 4-Bromophenyl-phenylether	11.38	248	63922	38.16	ng #	82
67) Hexachlorobenzene	11.46	284	66985	35.98	ng #	78
68) Atrazine	11.52	200	64636	39.88	ng	85
69) Pentachlorophenol	11.65	266	68769	65.18	ng	97
70) Phenanthrene	11.88	178	335076	35.13	ng	97
71) Anthracene	11.93	178	361767	39.39	ng	98
72) Carbazole	12.08	167	310532	35.42	ng	96
73) Di-n-butylphthalate	12.41	149	367226	36.25	ng #	98
74) Fluoranthene	13.16	202	383237	37.73	ng	88
76) Benzidine	13.27	184	102917	20.15	ng #	97
77) Pyrene	13.41	202	403551	35.86	ng	96
79) Butylbenzylphthalate	14.12	149	172998	38.28	ng #	86
80) Benzo(a)anthracene	14.85	228	420842	37.80	ng	97
81) 3,3'-Dichlorobenzidine	14.79	252	113619	29.59	ng #	92
82) Chrysene	14.89	228	376755	36.69	ng	96
83) Bis(2-ethylhexyl)phthalate	14.83	149	274043	38.37	ng #	94
84) Di-n-octyl phthalate	15.64	149	442530	36.16	ng	96
85) Indeno(1,2,3-cd)pyrene	18.55	276	433044	33.45	ng #	89
87) Benzo(b)fluoranthene	16.20	252	425754	39.06	ng #	89
88) Benzo(k)fluoranthene	16.23	252	377047	33.97	ng #	90
89) Benzo(a)pyrene	16.65	252	392336	37.90	ng #	87
90) Dibenzo(a,h)anthracene	18.57	278	365923	34.53	ng #	83
91) Benzo(g,h,i)perylene	19.10	276	362699	33.90	ng #	78

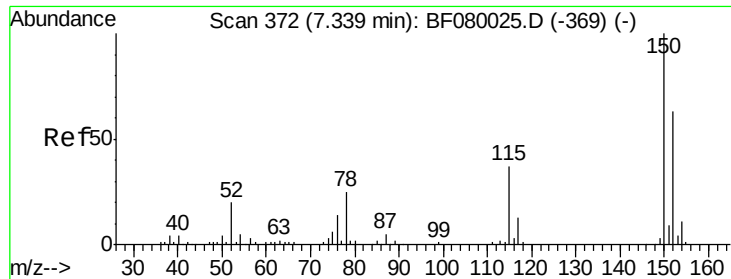
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

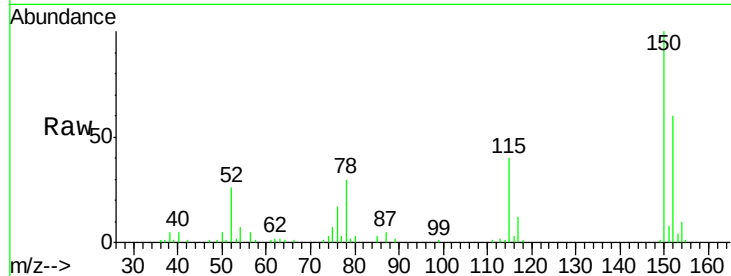
Tgt Ion:152 Resp: 32640

Ion Ratio Lower Upper

152 100

150 165.3 124.7 187.1

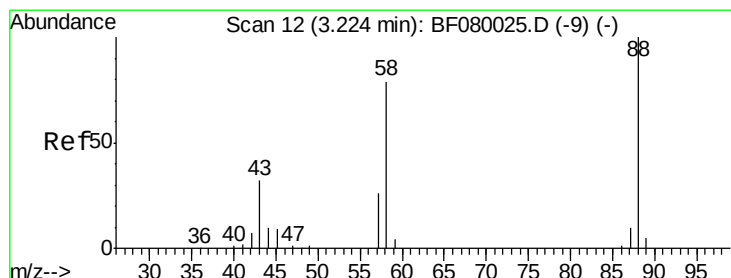
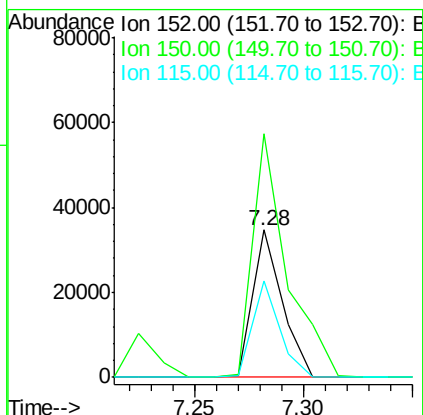
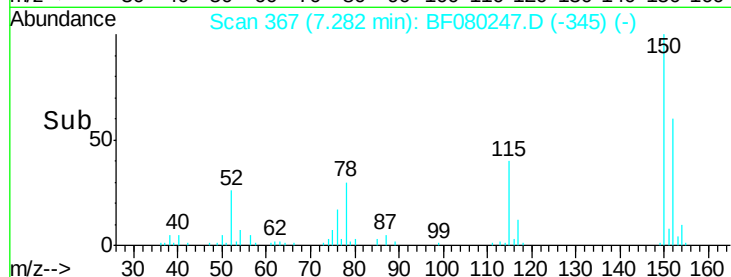
115 65.8 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.61 ng

RT: 3.13 min Scan# 4

Delta R.T. -0.06 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

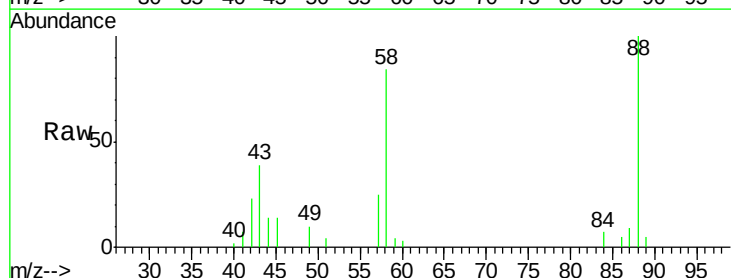
Tgt Ion: 88 Resp: 25071

Ion Ratio Lower Upper

88 100

58 81.4 77.7 116.5

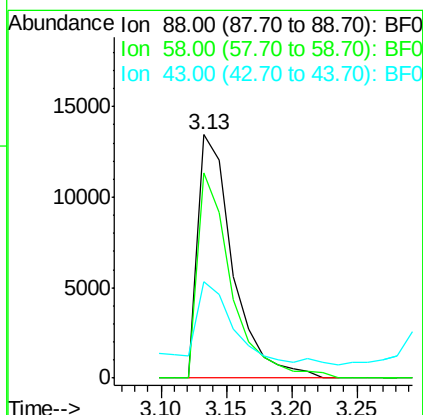
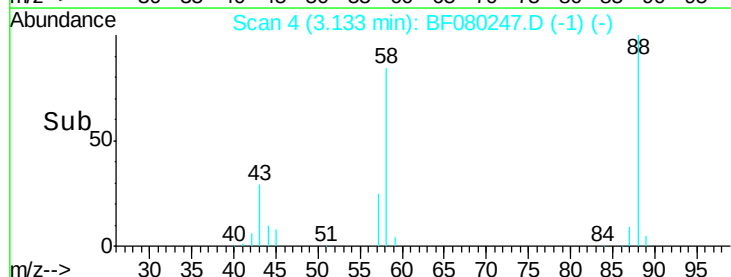
43 34.5 26.6 40.0

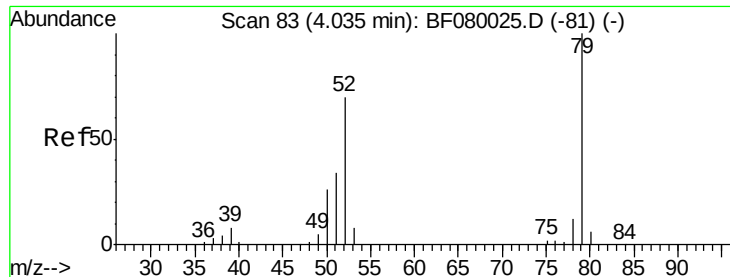


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 19.76 ng

RT: 4.00 min Scan# 80

Delta R.T. 0.00 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

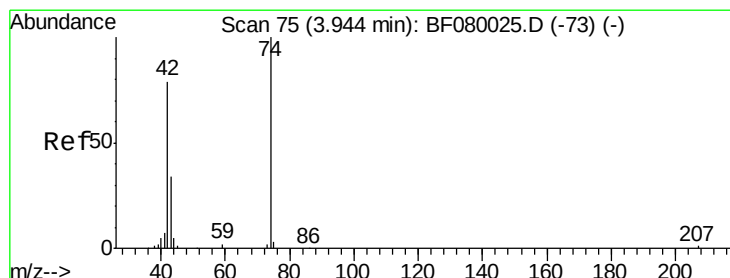
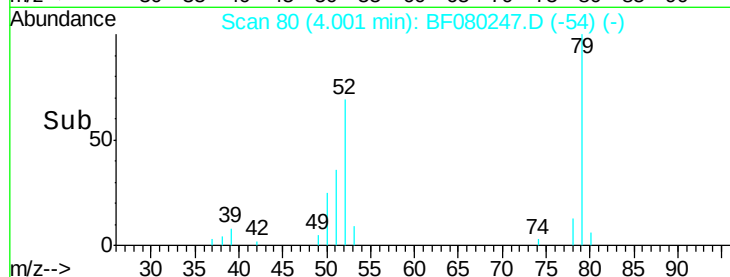
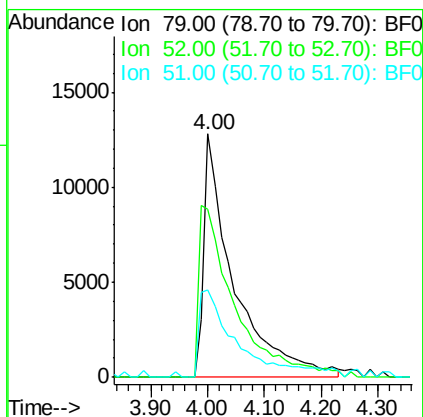
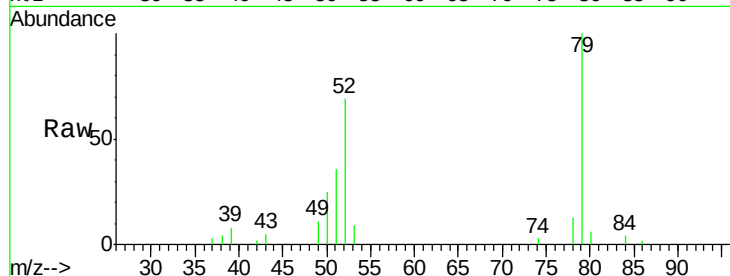
Tgt Ion: 79 Resp: 46052

Ion Ratio Lower Upper

79 100

52 69.0 76.8 115.2#

51 36.0 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 35.61 ng

RT: 3.88 min Scan# 69

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

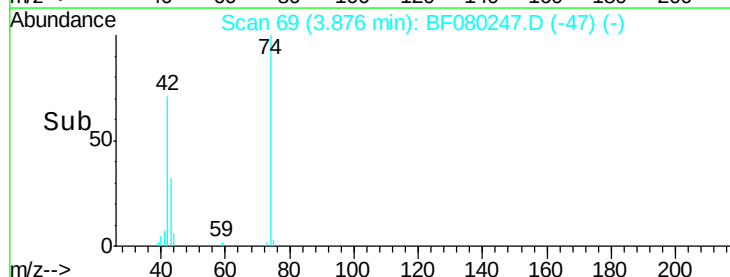
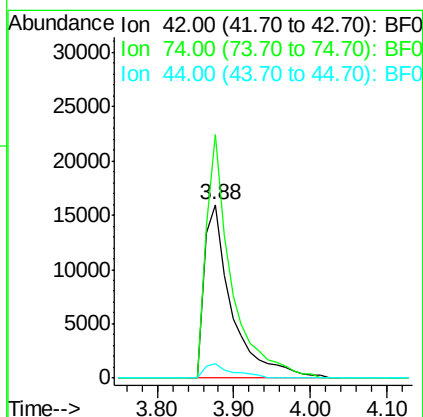
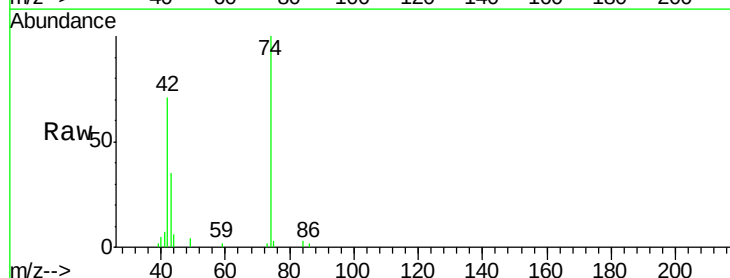
Tgt Ion: 42 Resp: 39448

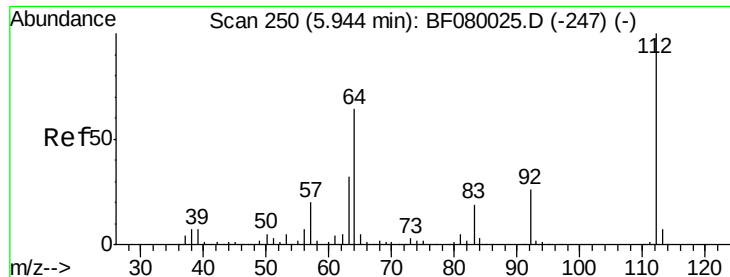
Ion Ratio Lower Upper

42 100

74 140.6 105.0 157.6

44 8.0 6.6 10.0





#5

2-Fluorophenol

Concen: 117.88 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

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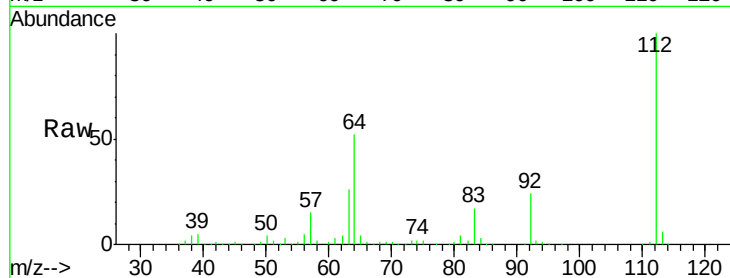
Tgt Ion: 112 Resp: 217360

Ion Ratio Lower Upper

112 100

64 51.8 39.7 59.5

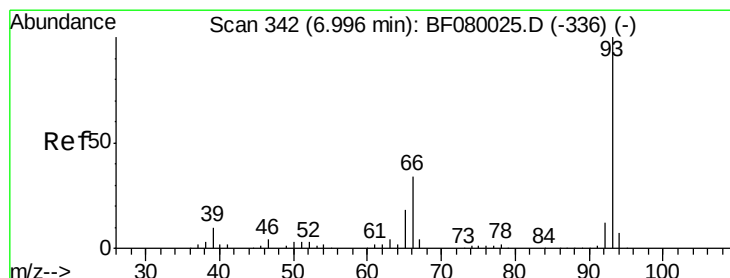
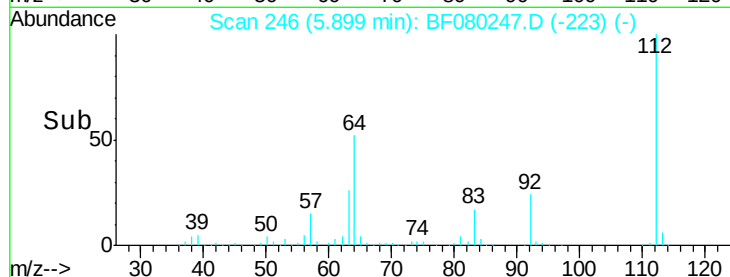
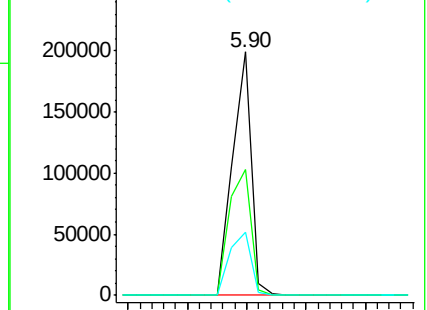
63 26.0 17.4 26.0



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: 21.04 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

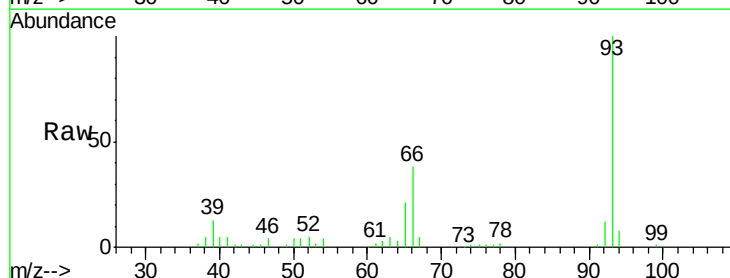
Tgt Ion: 93 Resp: 71027

Ion Ratio Lower Upper

93 100

66 38.1 27.2 40.8

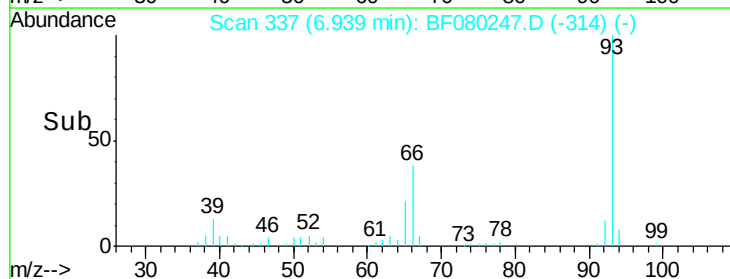
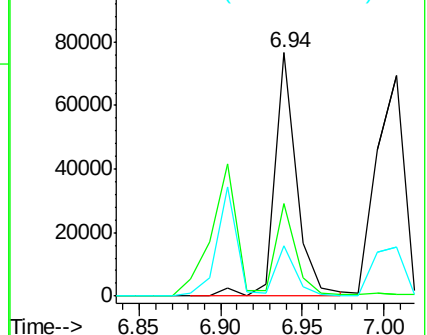
65 20.7 14.7 22.1

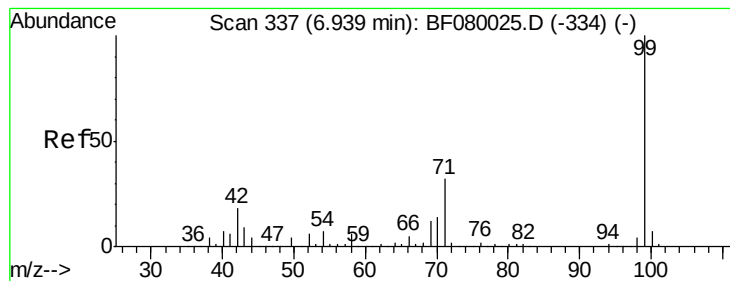


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.02 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080247.D

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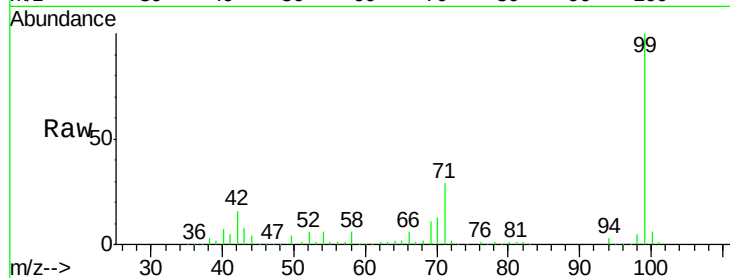
Tgt Ion: 99 Resp: 287127

Ion Ratio Lower Upper

99 100

42 15.6 13.7 20.5

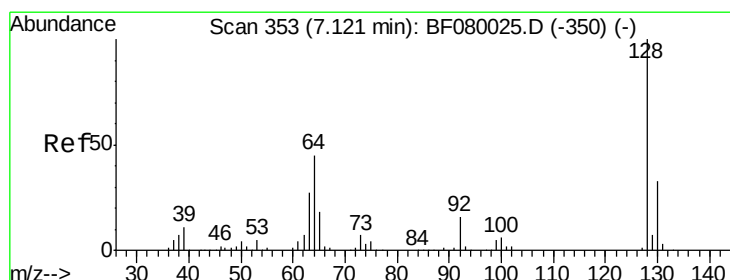
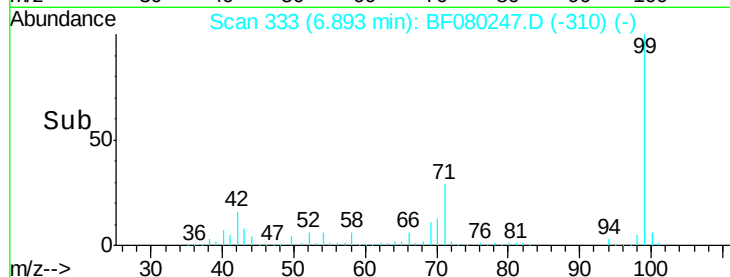
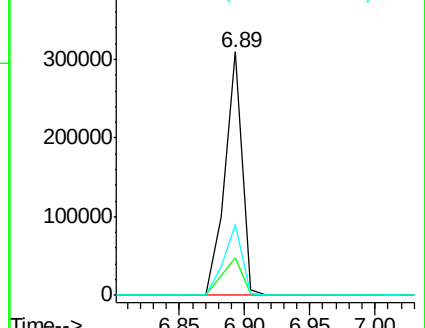
71 28.9 14.2 21.2#



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: 38.41 ng

RT: 7.06 min Scan# 348

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

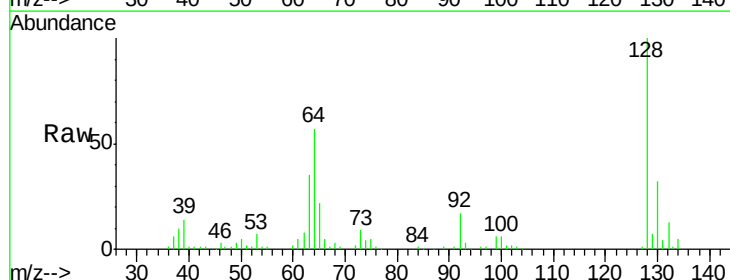
Tgt Ion: 128 Resp: 81847

Ion Ratio Lower Upper

128 100

130 31.7 12.2 52.2

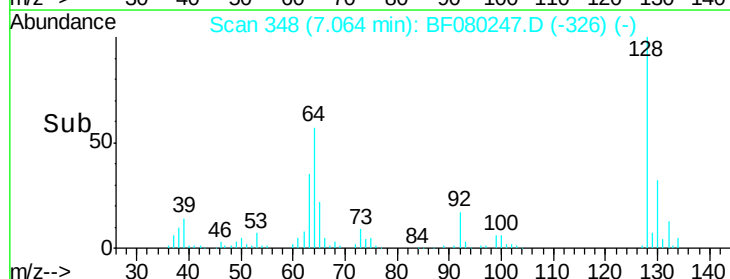
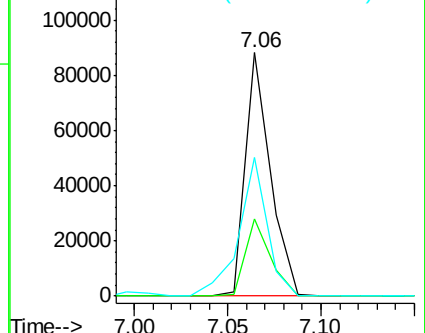
64 56.8 20.5 60.5

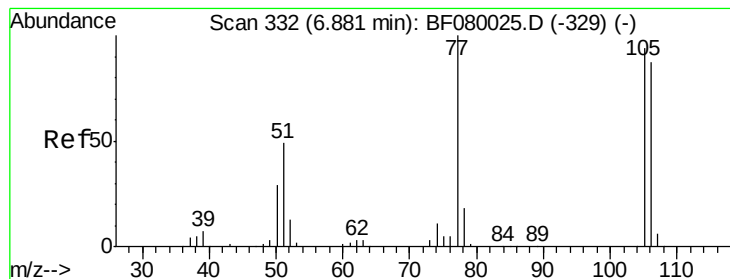


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.73 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

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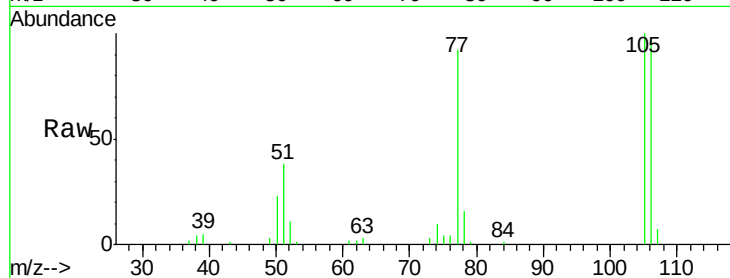
Tgt Ion: 77 Resp: 49202

Ion Ratio Lower Upper

77 100

105 108.6 91.6 131.6

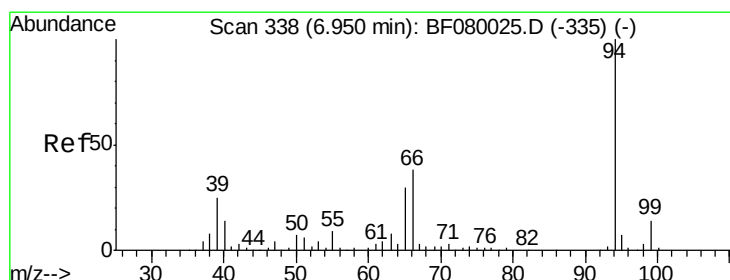
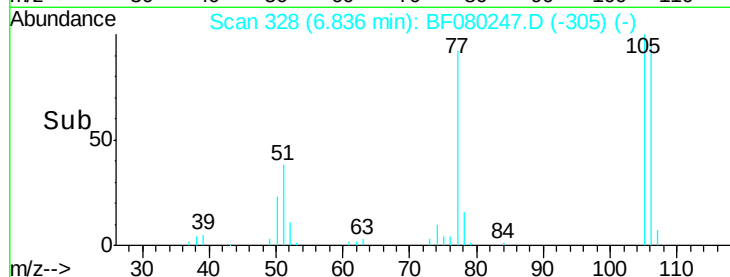
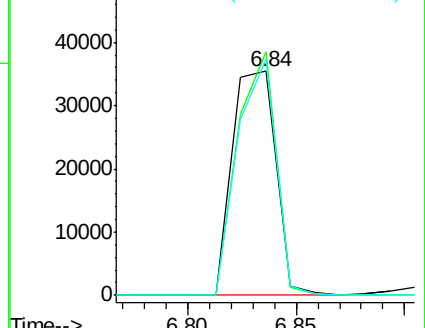
106 105.0 102.6 142.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.32 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

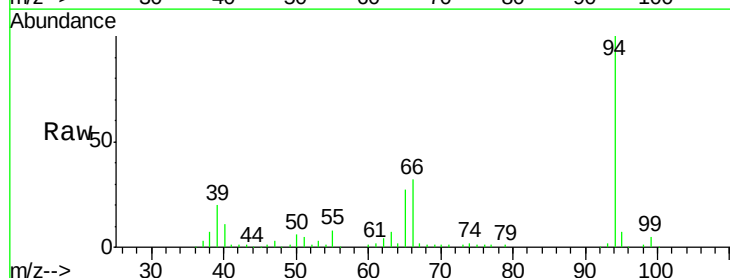
Tgt Ion: 94 Resp: 105276

Ion Ratio Lower Upper

94 100

65 26.8 0.7 40.7

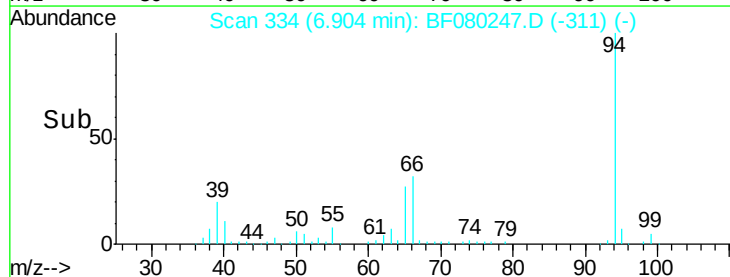
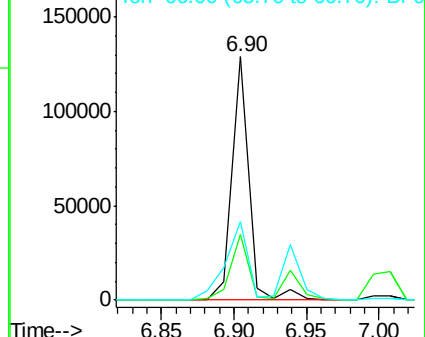
66 32.4 0.8 40.8

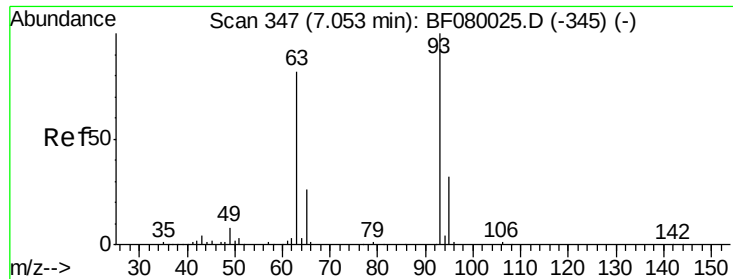


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.73 ng

RT: 7.01 min Scan# 343

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

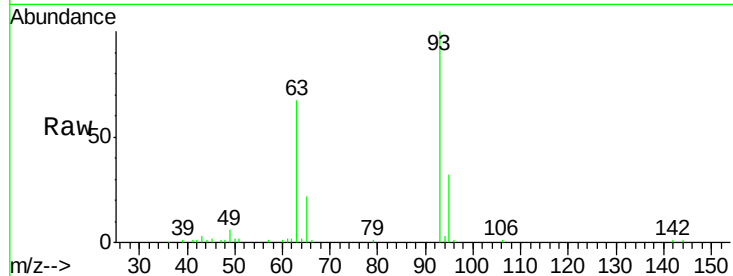
Tgt Ion: 93 Resp: 82288

Ion Ratio Lower Upper

93 100

63 66.8 65.6 105.6

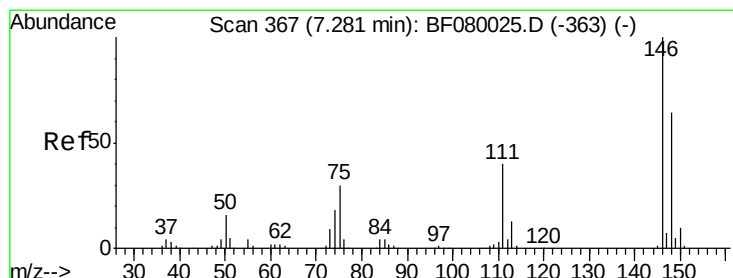
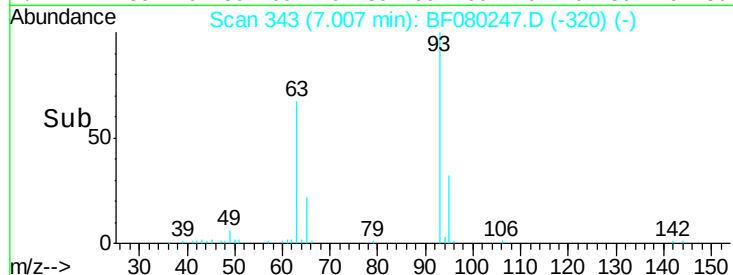
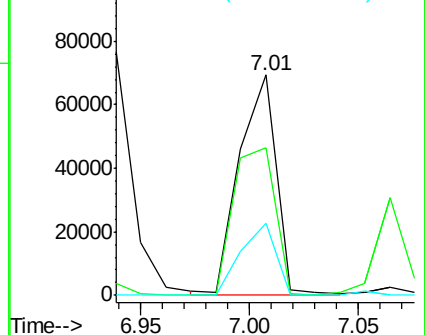
95 32.5 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.47 ng

RT: 7.22 min Scan# 362

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

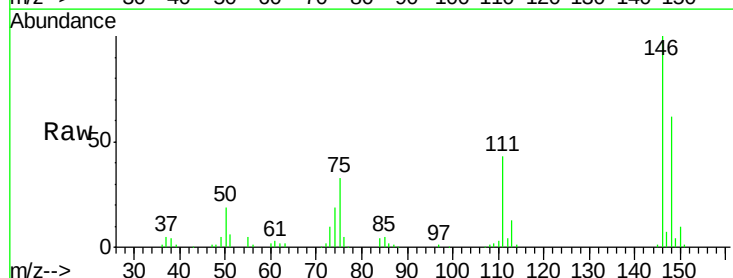
Tgt Ion: 146 Resp: 93362

Ion Ratio Lower Upper

146 100

148 61.6 51.0 76.4

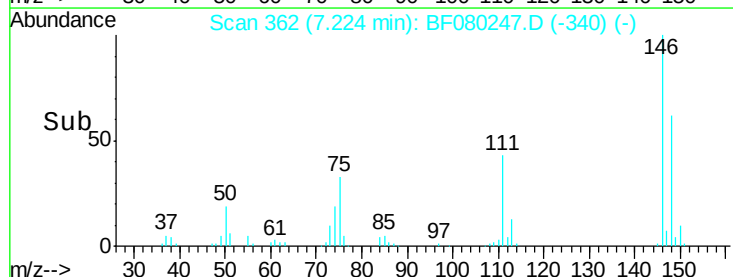
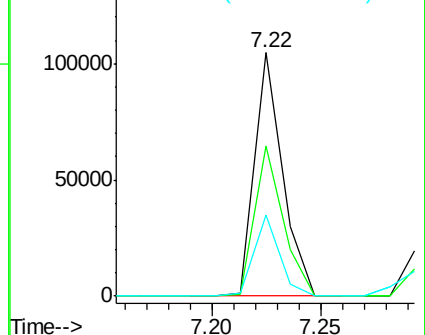
75 33.3 15.0 22.6#

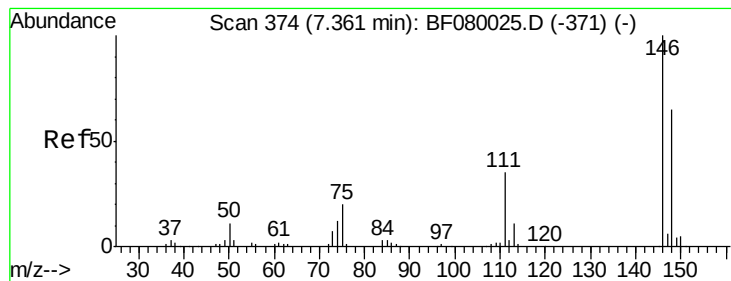


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.82 ng

RT: 7.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

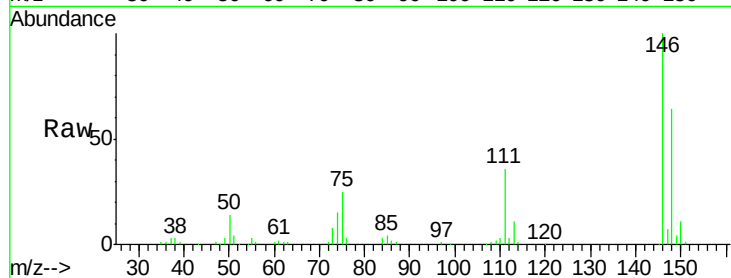
Tgt Ion:146 Resp: 96946

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

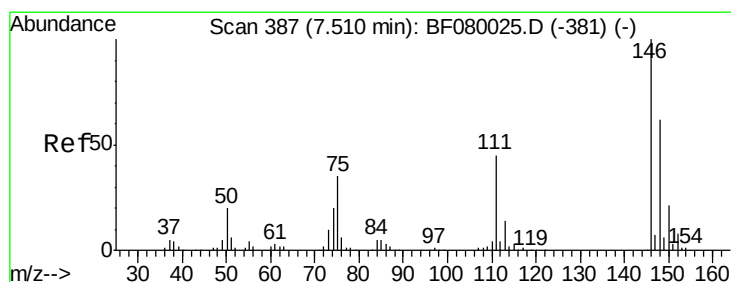
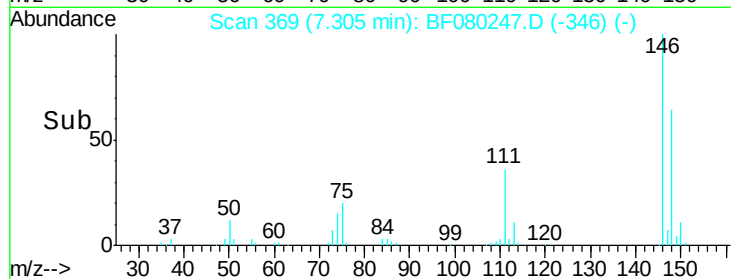
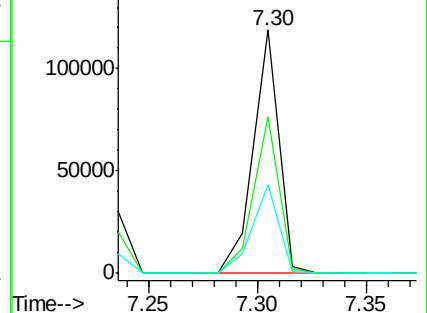
111 36.2 24.9 37.3



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: 40.92 ng

RT: 7.30 min Scan# 369

Delta R.T. -0.19 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

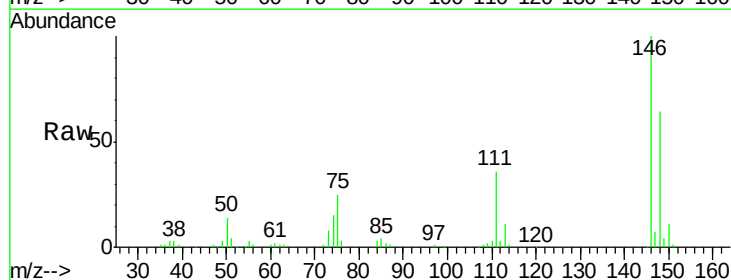
Tgt Ion:146 Resp: 96946

Ion Ratio Lower Upper

146 100

148 64.1 52.7 79.1

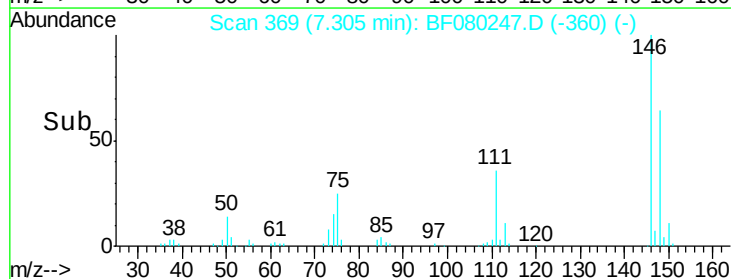
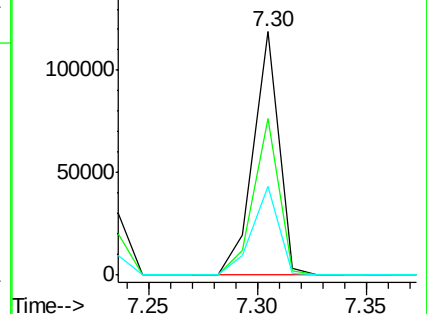
111 36.2 28.8 43.2

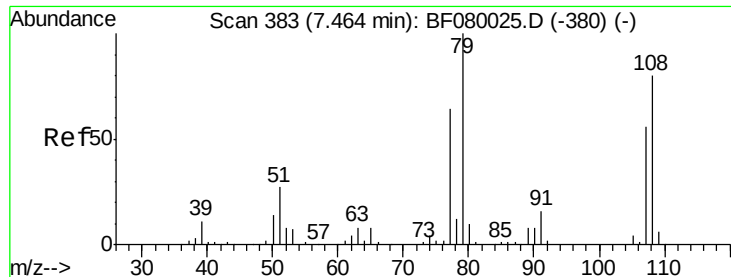


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.89 ng

RT: 7.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

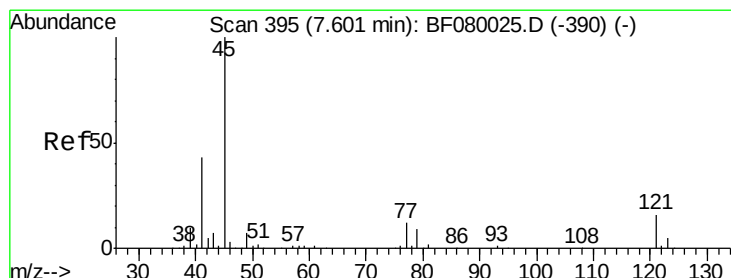
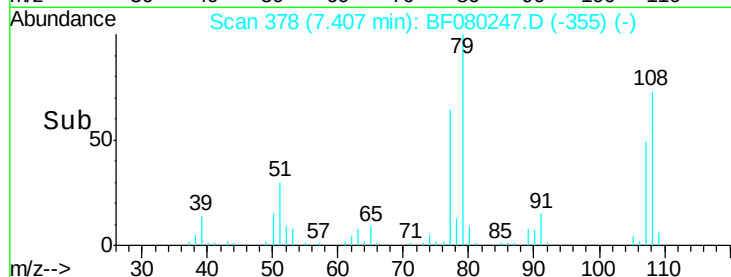
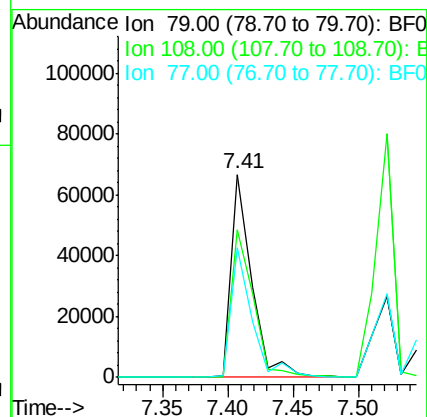
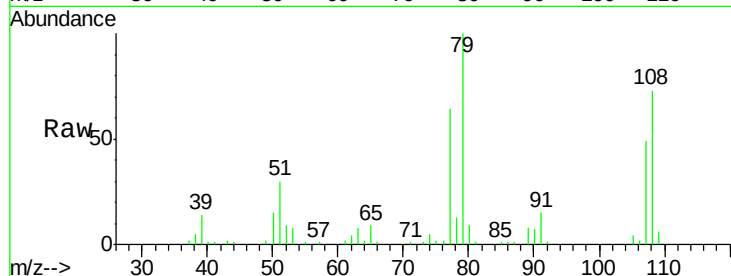
Tgt Ion: 79 Resp: 74015

Ion Ratio Lower Upper

79 100

108 72.7 88.6 132.8#

77 64.1 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.20 ng

RT: 7.54 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

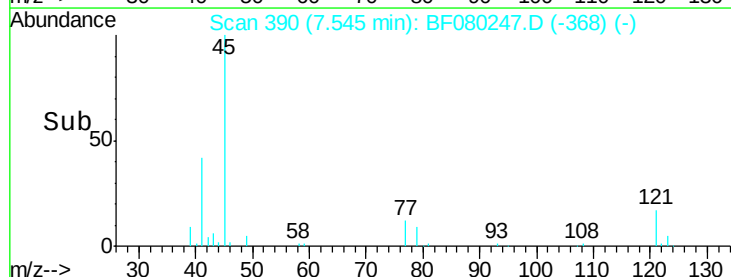
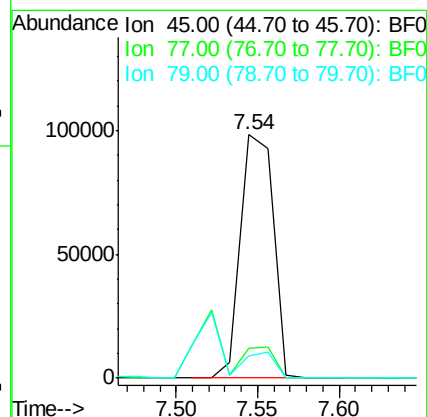
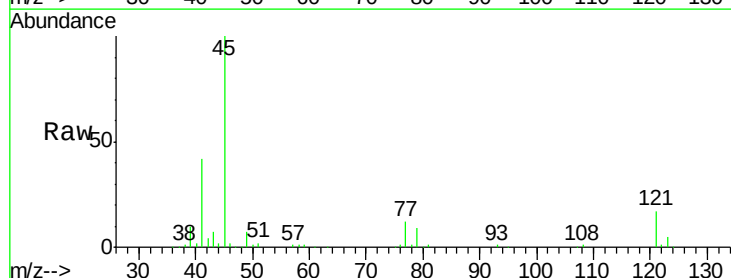
Tgt Ion: 45 Resp: 136229

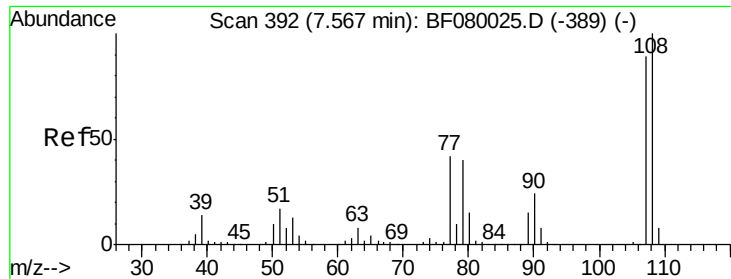
Ion Ratio Lower Upper

45 100

77 12.4 0.0 28.1

79 9.0 0.0 26.0

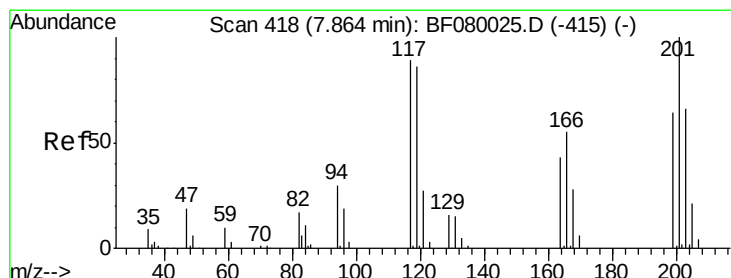
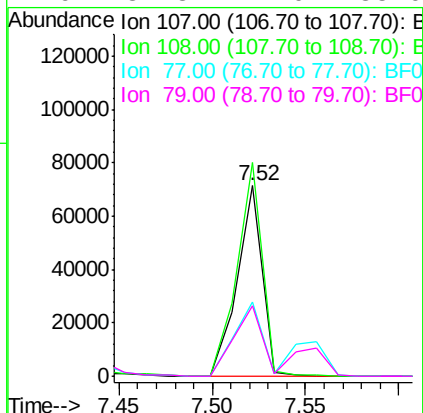
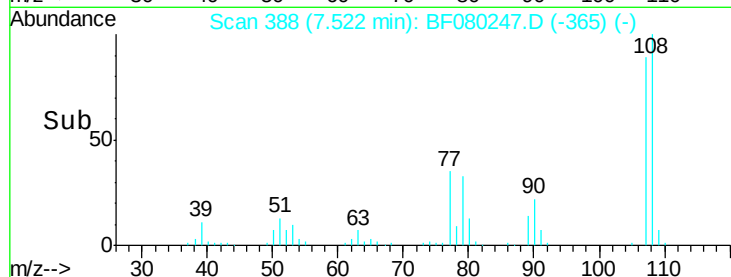
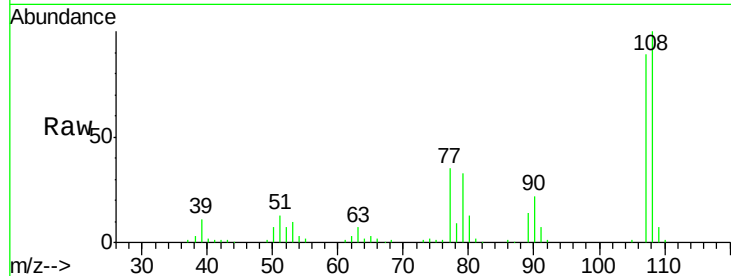




#17
2-Methylphenol
Concen: 36.73 ng
RT: 7.52 min Scan# 388
Delta R.T. -0.03 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

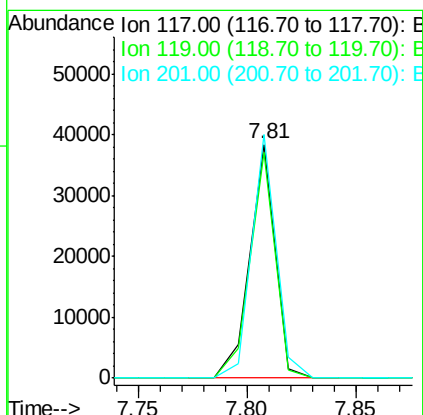
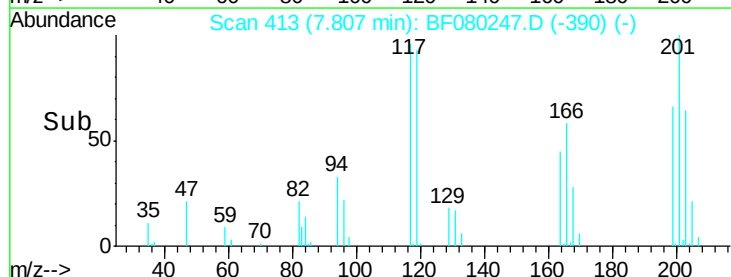
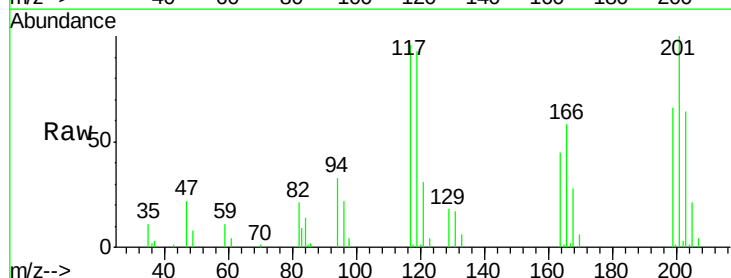
Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MS

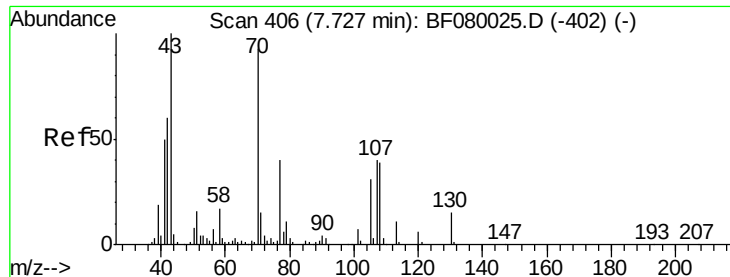
Tgt Ion:107 Resp: 66853
Ion Ratio Lower Upper
107 100
108 112.2 96.6 145.0
77 38.8 23.3 34.9#
79 37.3 22.0 33.0#



#18
Hexachloroethane
Concen: 38.51 ng
RT: 7.81 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Tgt Ion:117 Resp: 31218
Ion Ratio Lower Upper
117 100
119 96.3 83.8 125.6
201 104.1 55.1 82.7#

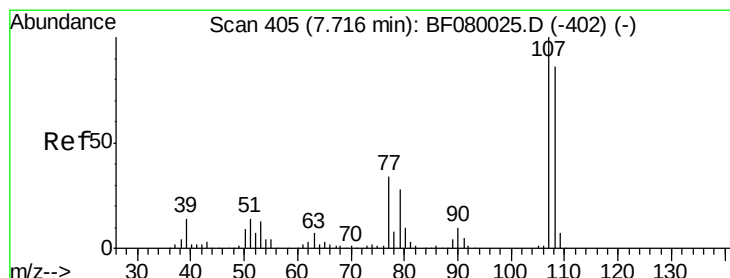
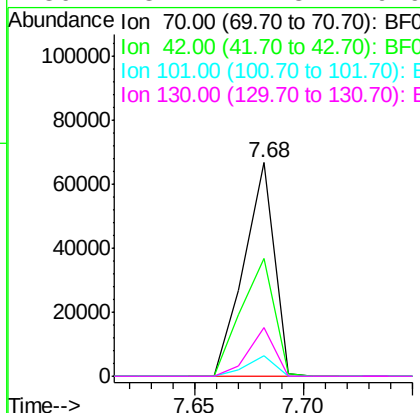
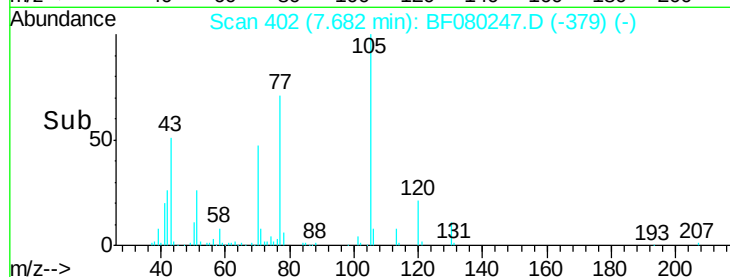
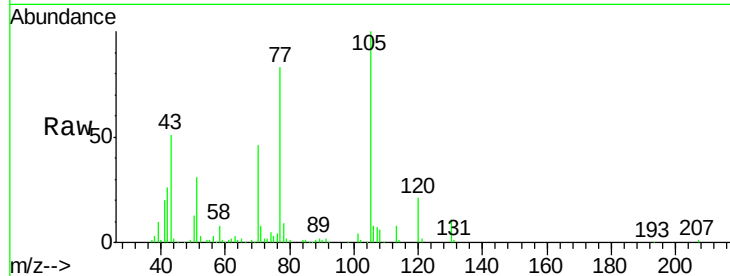




#19
n-Nitroso-di-n-propylamine
Concen: 37.98 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

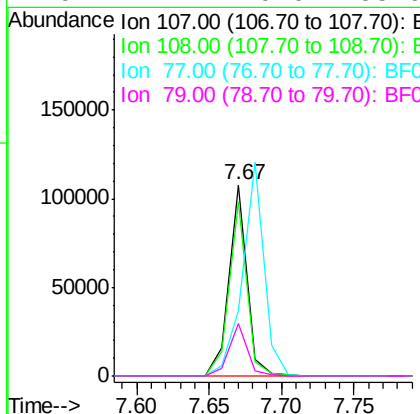
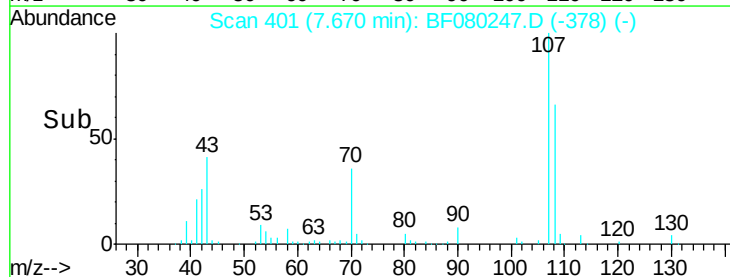
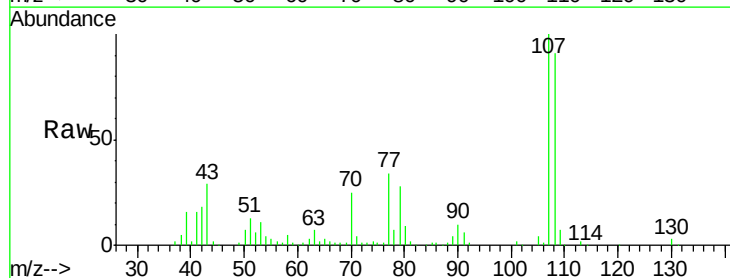
Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MS

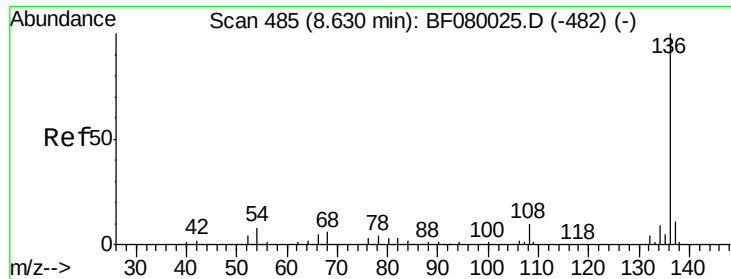
Tgt Ion: 70 Resp: 64704
Ion Ratio Lower Upper
70 100
42 55.4 63.8 95.6#
101 9.6 9.2 13.8
130 23.1 27.3 40.9#



#20
3+4-Methylphenols
Concen: 39.63 ng
RT: 7.67 min Scan# 401
Delta R.T. -0.03 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Tgt Ion: 107 Resp: 93113
Ion Ratio Lower Upper
107 100
108 91.2 74.6 114.6
77 34.1 0.7 40.7
79 27.7 0.0 38.9

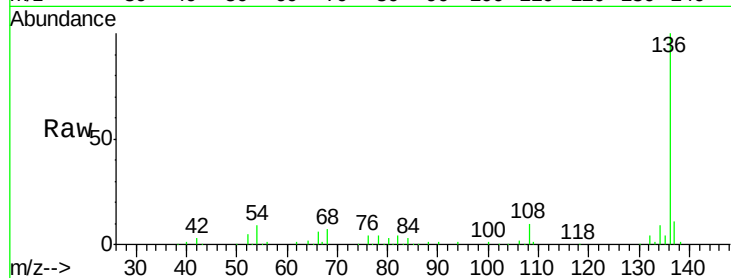




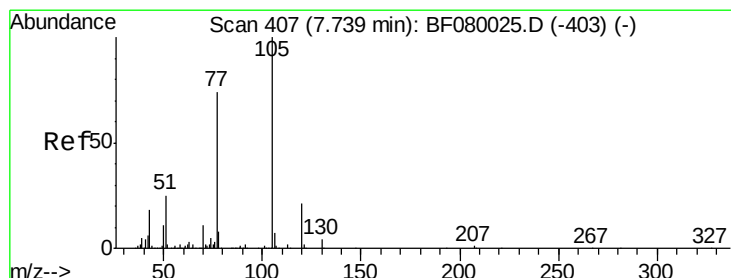
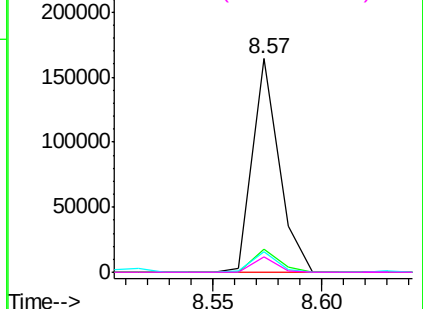
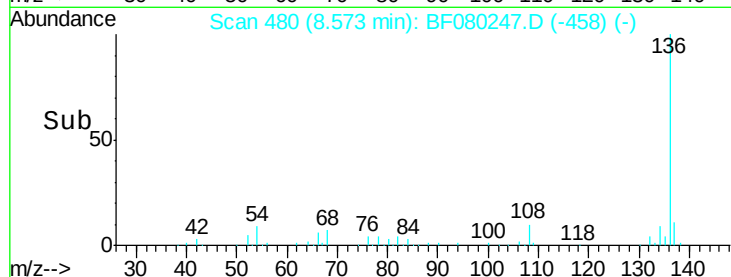
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MS

Tgt Ion:	136	Resp:	139336
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.4	8.2	12.2
68	7.1	5.8	8.6

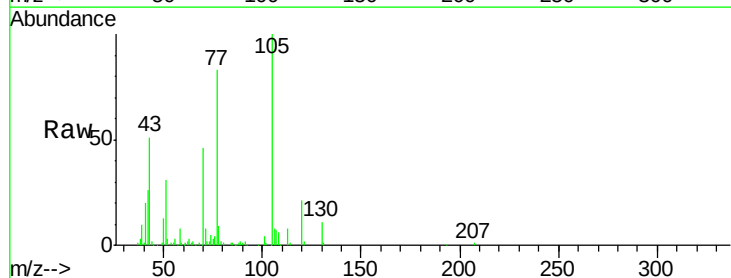


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

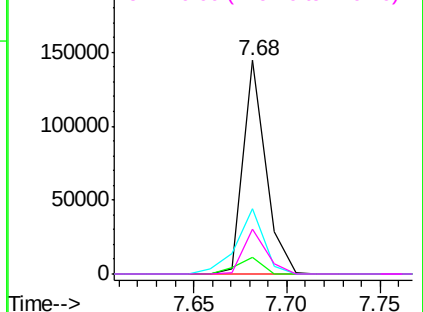
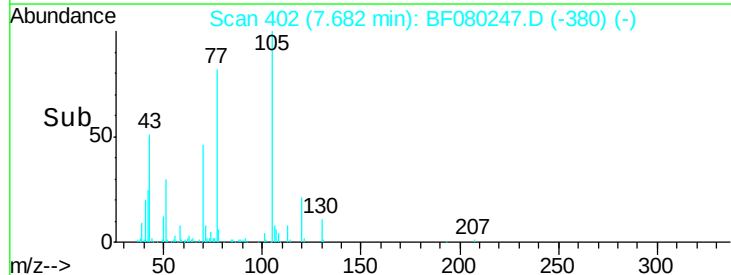


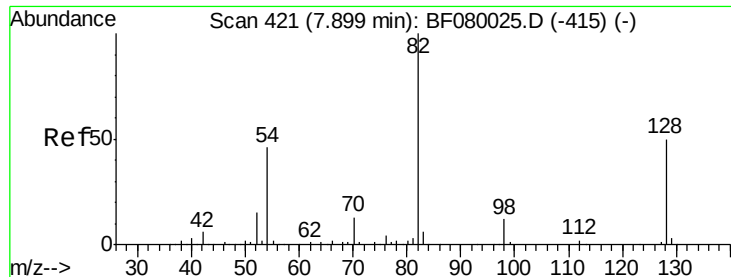
#22
Acetophenone
Concen: 37.49 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Tgt Ion:	105	Resp:	121748
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.7	7.1#
51	30.7	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

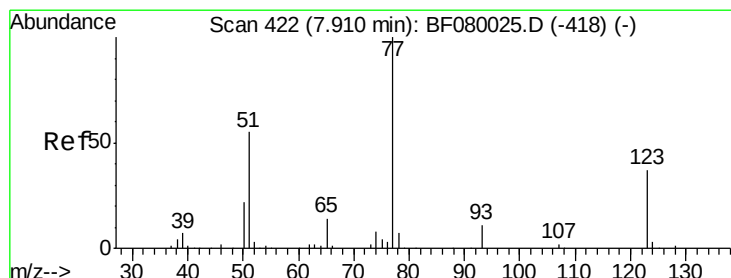
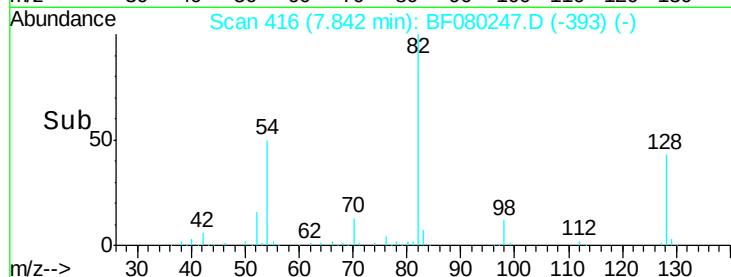
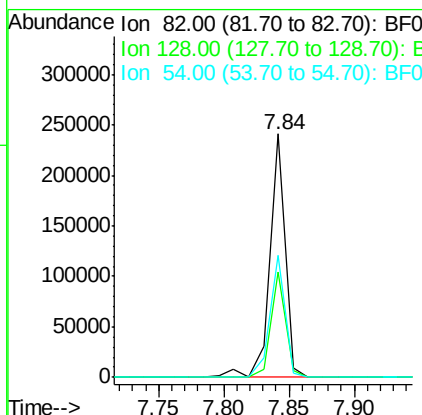
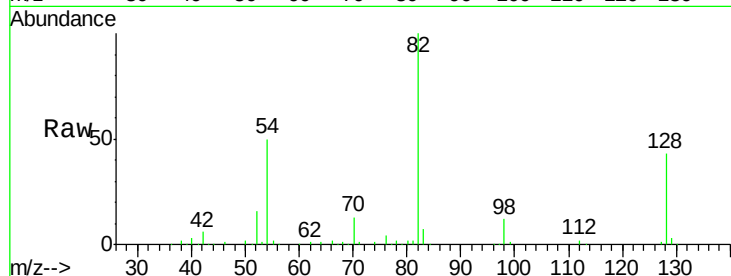




#23
 Nitrobenzene-d5
 Concen: 83.88 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

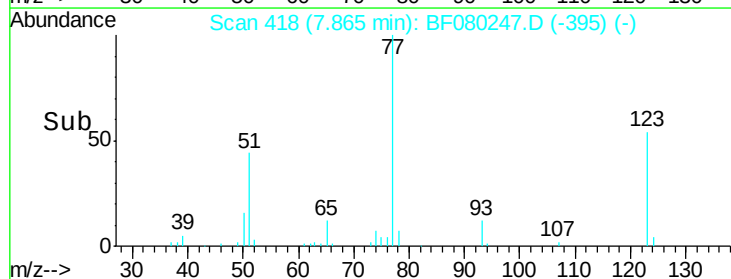
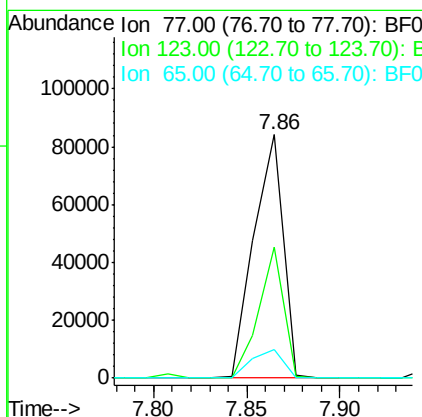
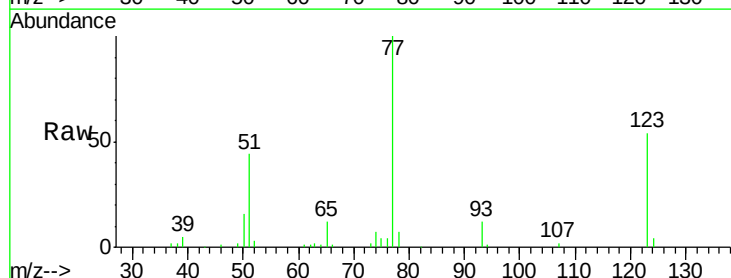
Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

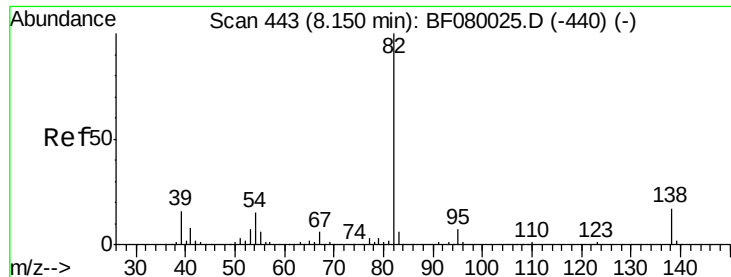
Tgt Ion: 82 Resp: 200749
 Ion Ratio Lower Upper
 82 100
 128 43.0 51.0 76.6#
 54 50.3 47.5 71.3



#24
 Nitrobenzene
 Concen: 37.06 ng
 RT: 7.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Tgt Ion: 77 Resp: 91551
 Ion Ratio Lower Upper
 77 100
 123 54.0 59.8 89.8#
 65 11.9 10.2 15.4





#25

Isophorone

Concen: 35.50 ng

RT: 8.09 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

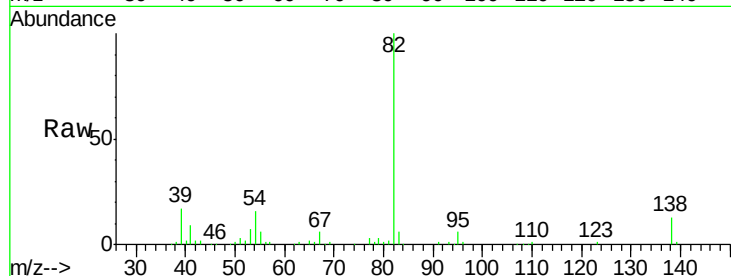
Tgt Ion: 82 Resp: 170990

Ion Ratio Lower Upper

82 100

95 6.4 4.0 6.0#

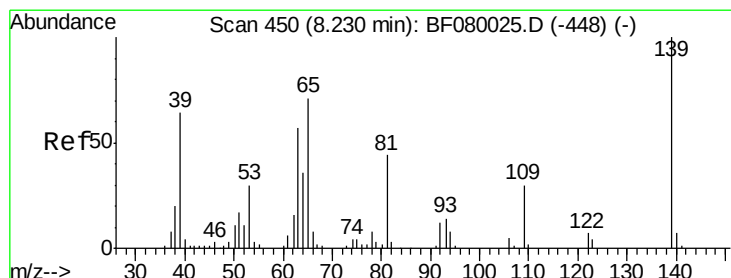
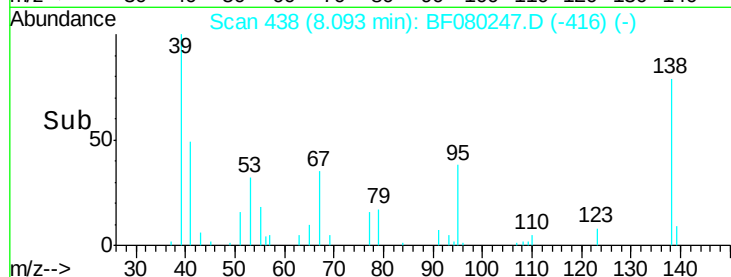
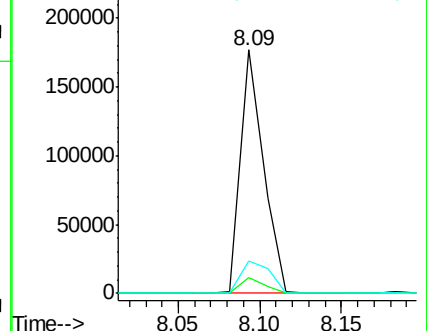
138 13.3 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.24 ng

RT: 8.18 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

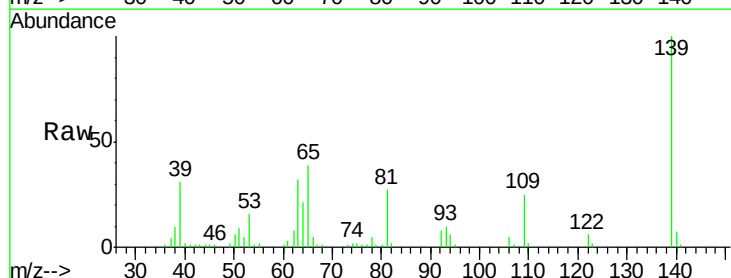
Tgt Ion: 139 Resp: 42638

Ion Ratio Lower Upper

139 100

109 25.2 11.0 16.4#

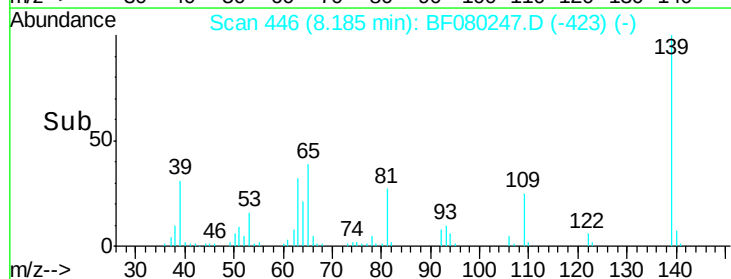
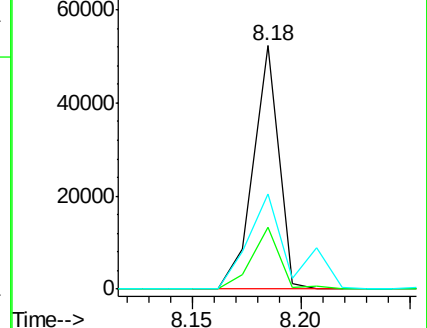
65 39.2 24.7 37.1#

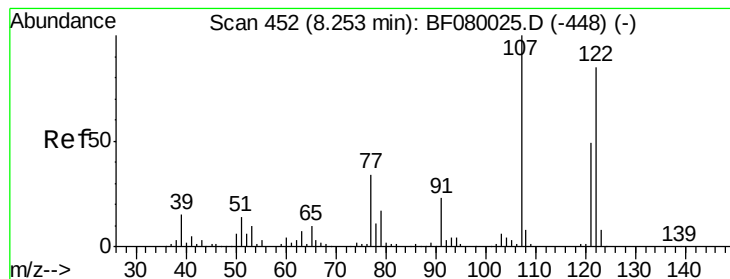


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.65 ng

RT: 8.21 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampled :

SP-1(0-2)MS

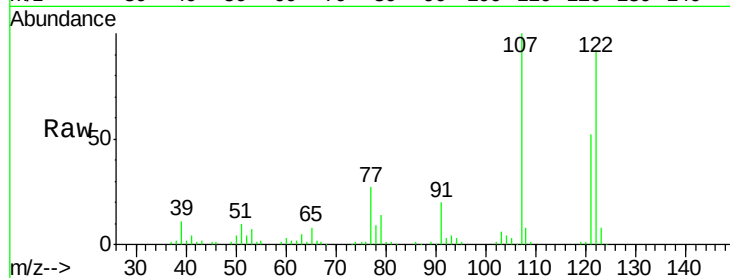
Tgt Ion:122 Resp: 83335

Ion Ratio Lower Upper

122 100

107 108.9 71.8 107.6#

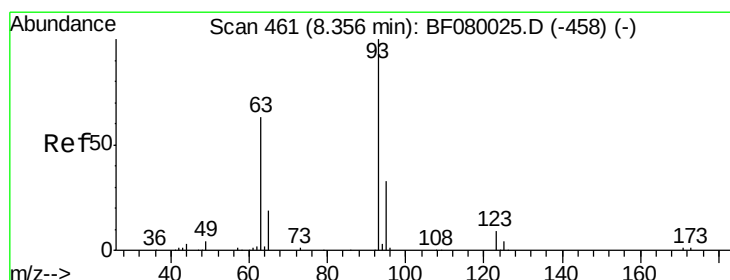
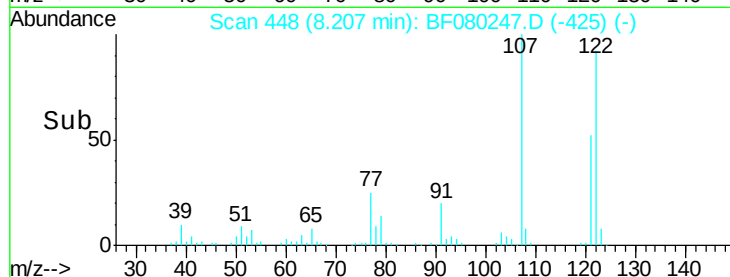
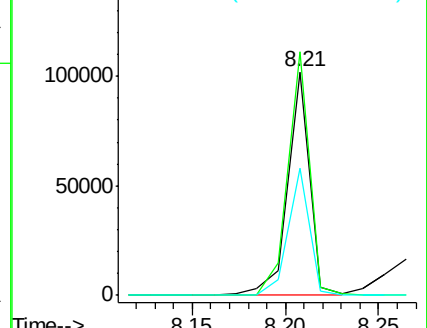
121 56.8 42.3 63.5



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: 37.46 ng

RT: 8.30 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

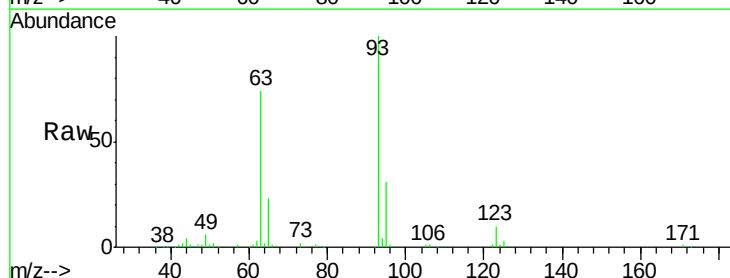
Tgt Ion: 93 Resp: 105999

Ion Ratio Lower Upper

93 100

95 31.1 27.5 41.3

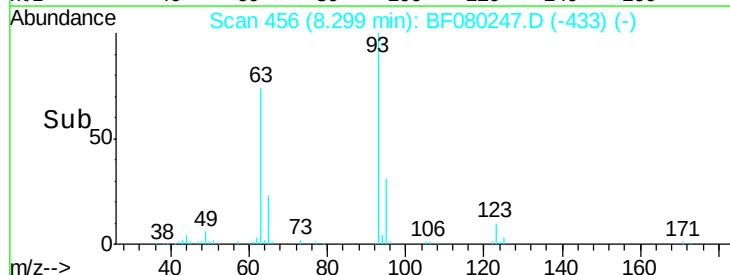
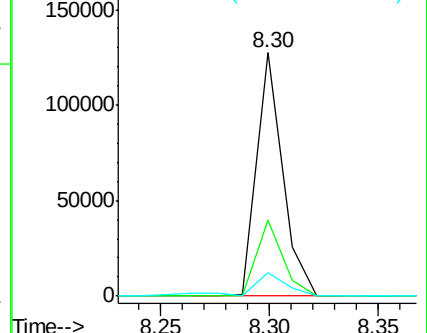
123 9.8 13.7 20.5#

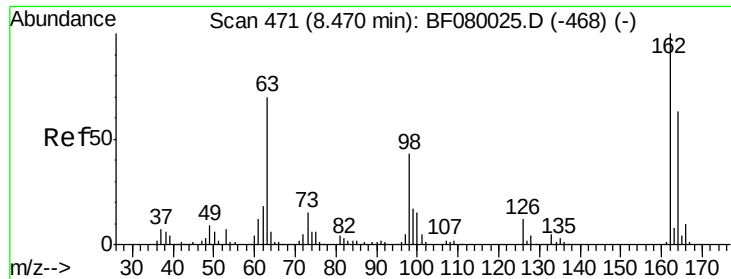


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

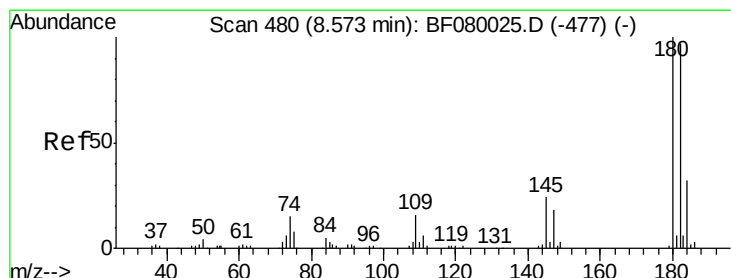
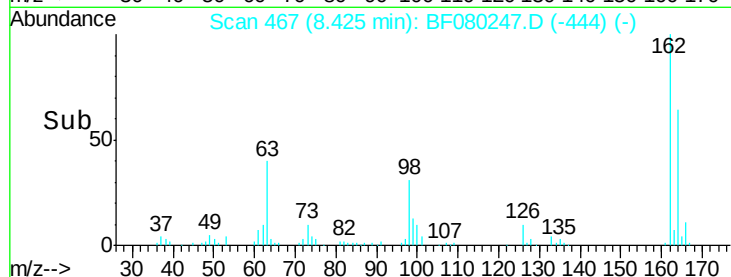
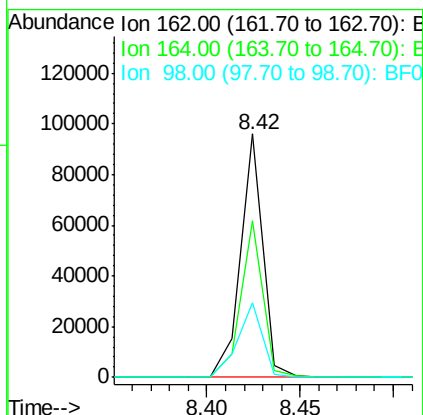
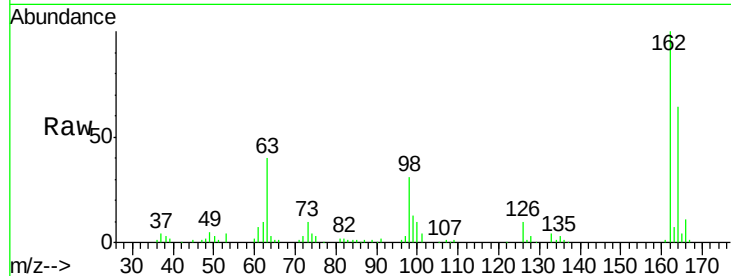




#29
2,4-Dichlorophenol
Concen: 43.34 ng
RT: 8.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

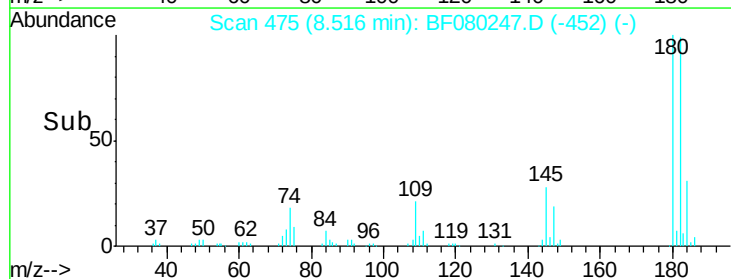
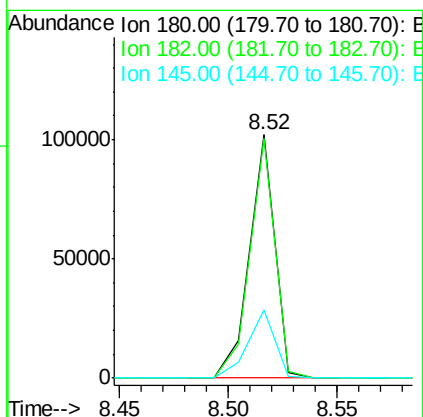
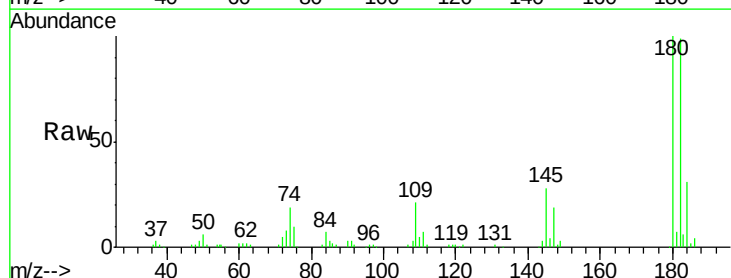
Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MS

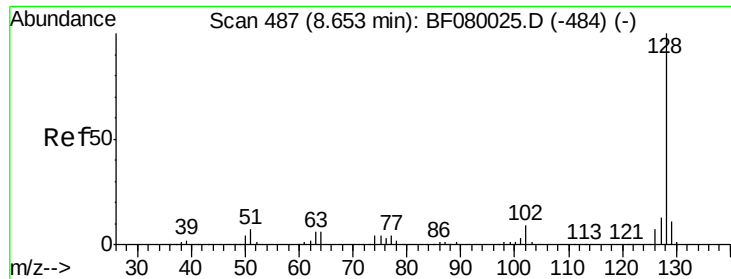
Tgt Ion:162 Resp: 80035
Ion Ratio Lower Upper
162 100
164 64.1 44.9 84.9
98 30.5 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 39.30 ng
RT: 8.52 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Tgt Ion:180 Resp: 82412
Ion Ratio Lower Upper
180 100
182 98.6 77.1 115.7
145 28.3 23.3 34.9

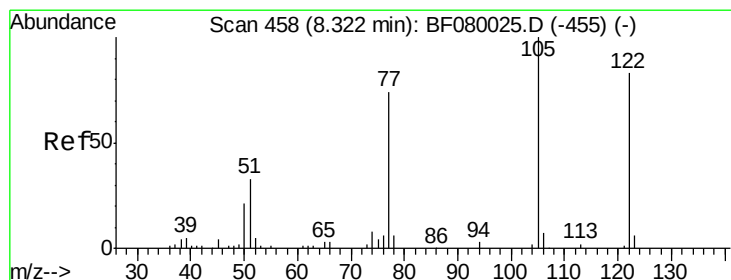
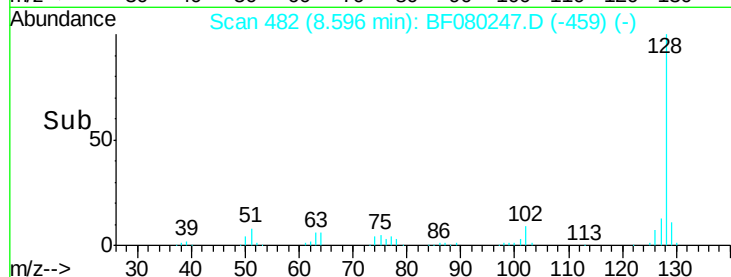
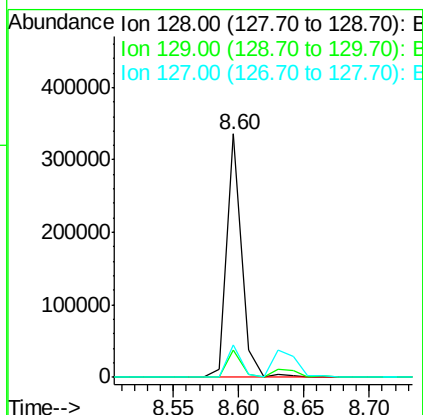
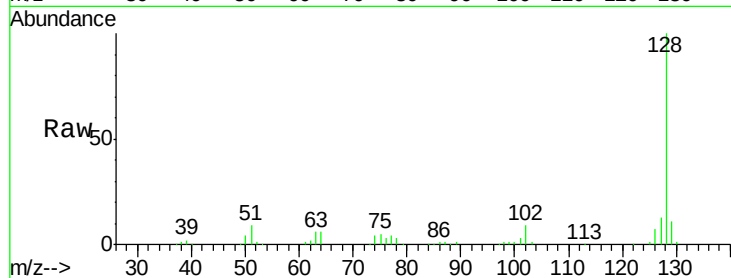




#31
Naphthalene
Concen: 36.86 ng
RT: 8.60 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

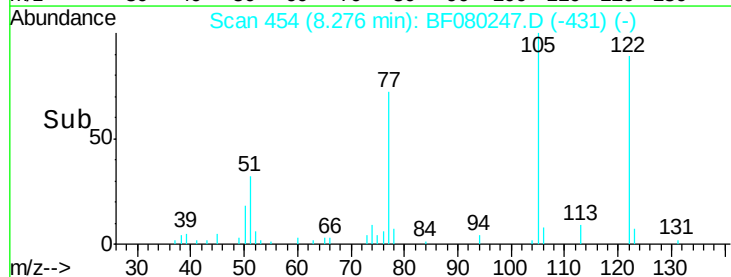
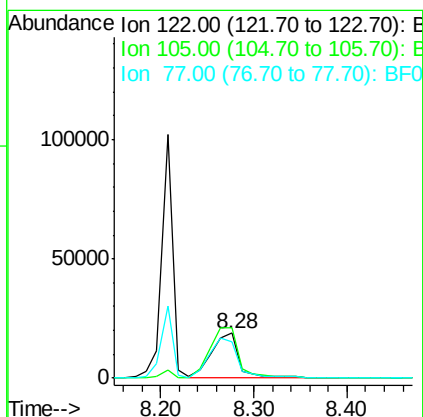
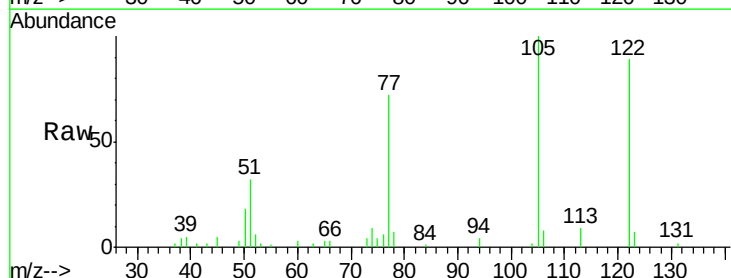
Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MS

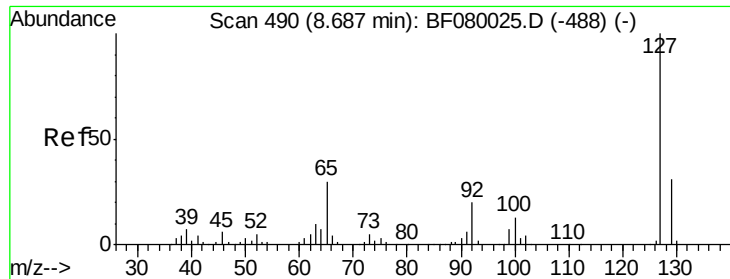
Tgt Ion:128 Resp: 268510
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.3 9.9 14.9



#32
Benzoic acid
Concen: 29.92 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Tgt Ion:122 Resp: 39005
Ion Ratio Lower Upper
122 100
105 111.7 76.1 116.1
77 81.0 40.5 80.5#

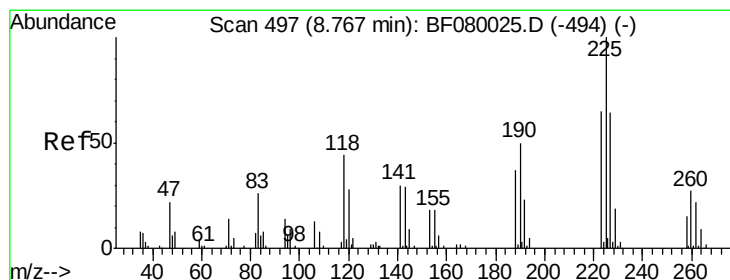
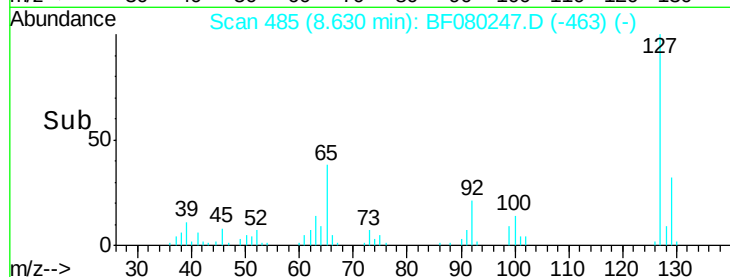
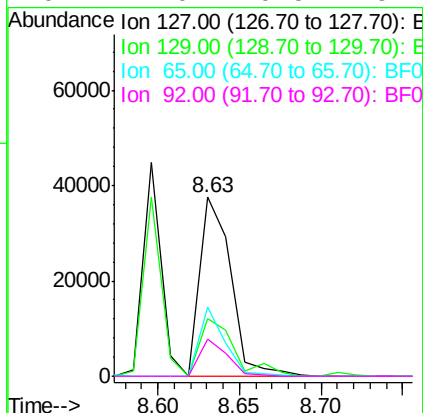
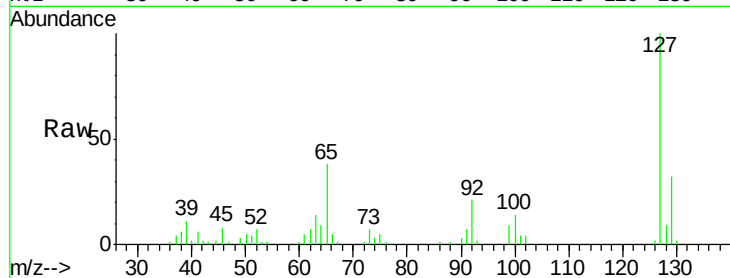




#33
4-Chloroaniline
Concen: 15.96 ng
RT: 8.63 min Scan# 485
Delta R.T. -0.05 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

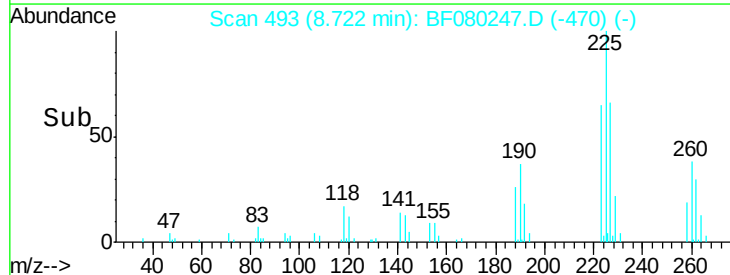
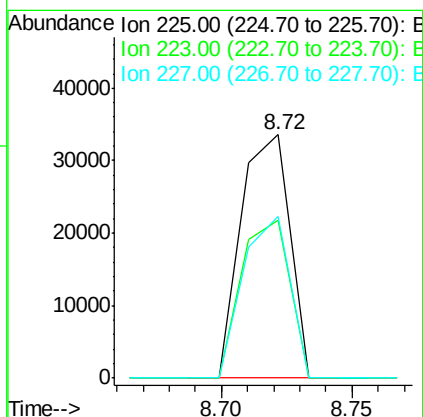
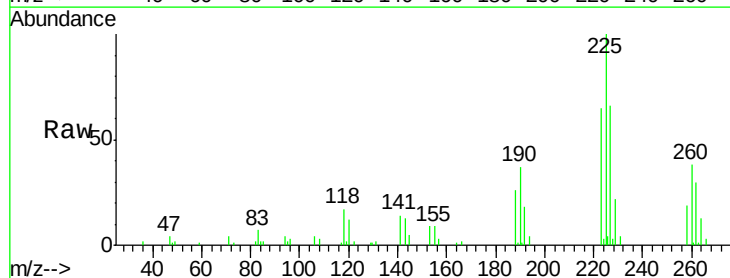
Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MS

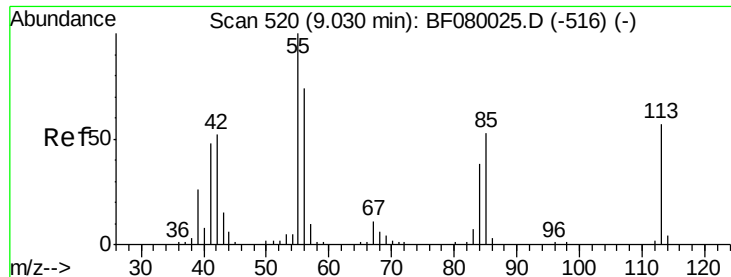
Tgt Ion:127 Resp: 49748
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.6
65 38.5 17.9 26.9#
92 21.0 10.5 15.7#



#34
Hexachlorobutadiene
Concen: 33.60 ng
RT: 8.72 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Tgt Ion:225 Resp: 43390
Ion Ratio Lower Upper
225 100
223 64.6 50.2 75.2
227 66.4 52.2 78.2

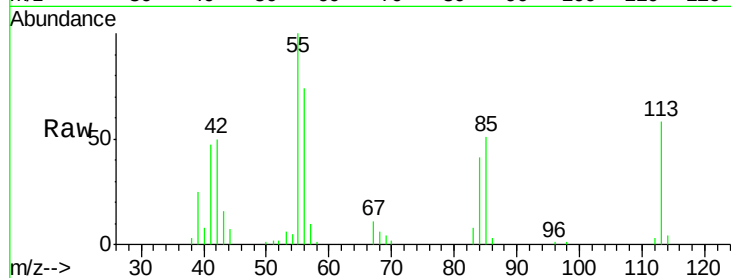




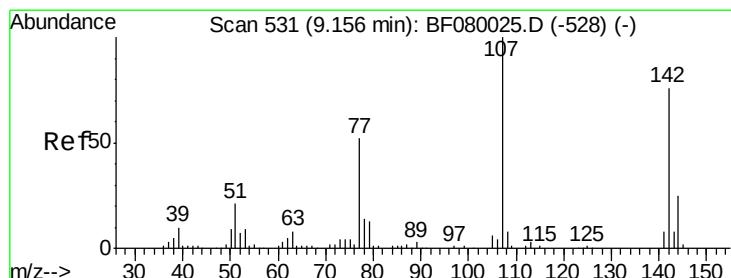
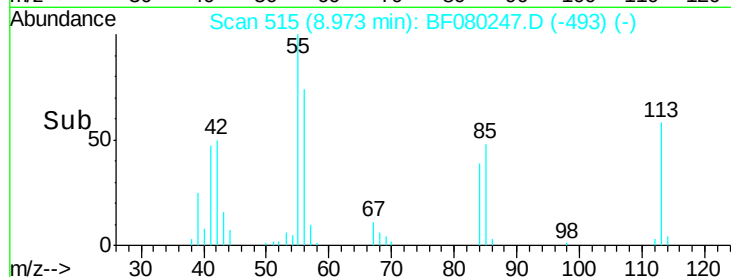
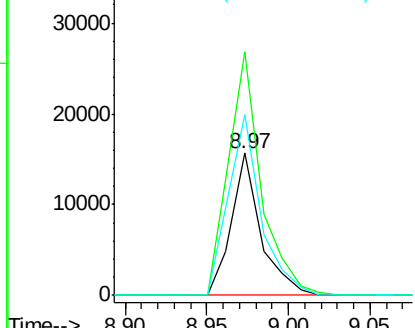
#35
 Caprolactam
 Concen: 32.55 ng
 RT: 8.97 min Scan# 515
 Delta R.T. -0.05 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

Tgt Ion:113 Resp: 19509
 Ion Ratio Lower Upper
 113 100
 55 171.0 152.4 192.4
 56 126.7 104.6 144.6

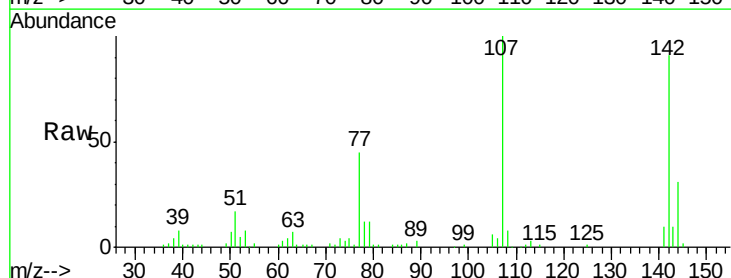


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

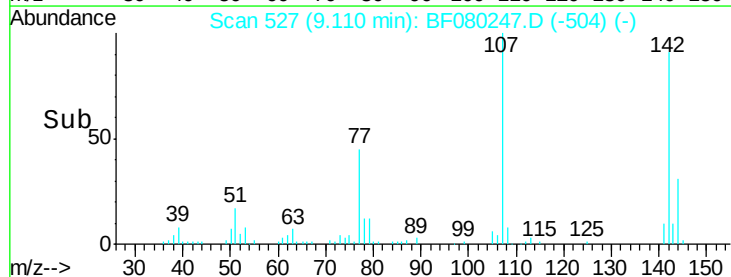
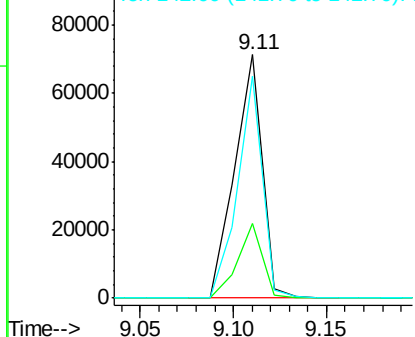


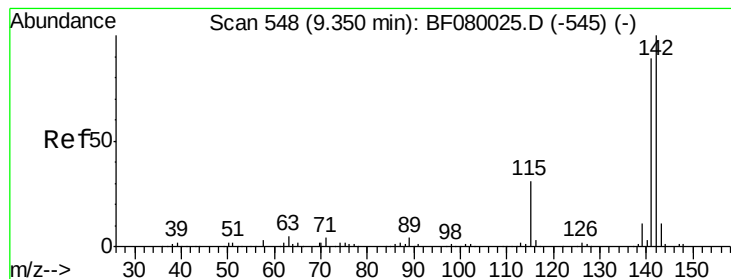
#36
 4-Chloro-3-methylphenol
 Concen: 35.45 ng
 RT: 9.11 min Scan# 527
 Delta R.T. -0.03 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Tgt Ion:107 Resp: 73824
 Ion Ratio Lower Upper
 107 100
 144 30.6 25.4 38.0
 142 90.9 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: 41.64 ng

RT: 9.29 min Scan# 543

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

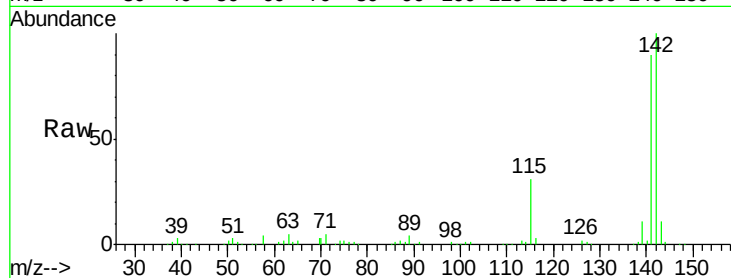
Tgt Ion:142 Resp: 196234

Ion Ratio Lower Upper

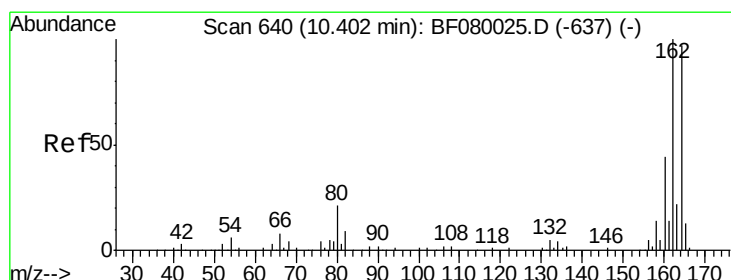
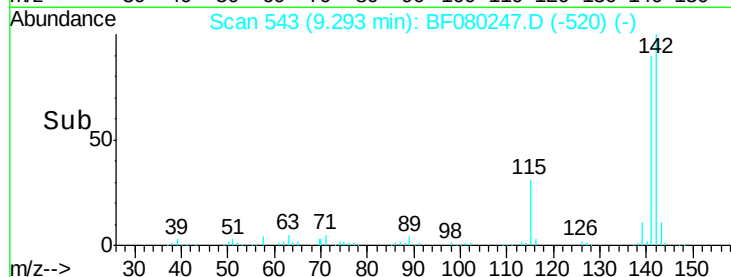
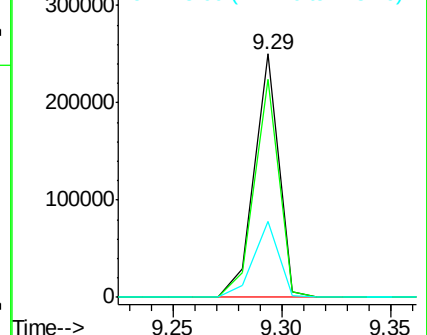
142 100

141 89.6 67.5 101.3

115 31.1 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: 10.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

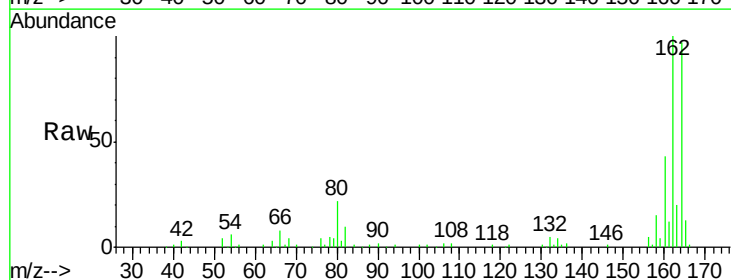
Tgt Ion:164 Resp: 75338

Ion Ratio Lower Upper

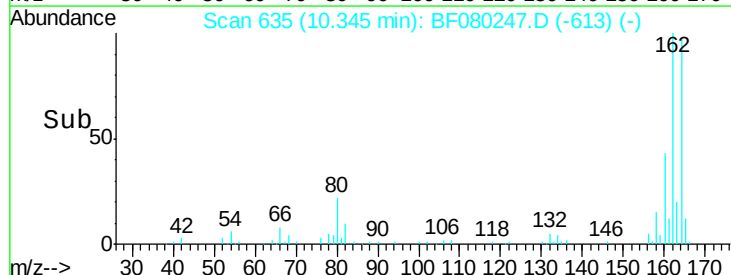
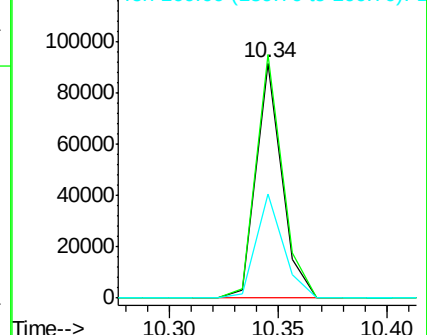
164 100

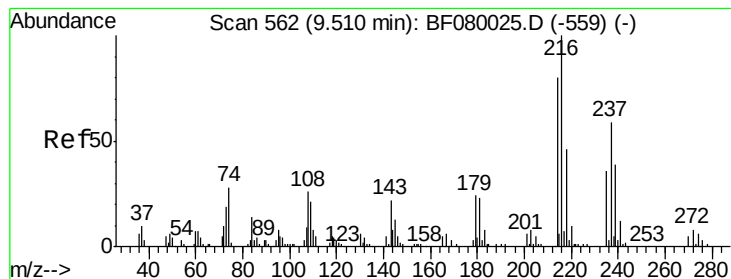
162 103.6 75.2 112.8

160 44.3 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: 38.00 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

Tgt Ion:216 Resp: 83303

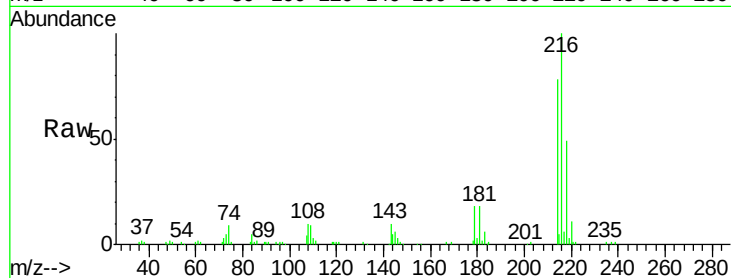
Ion Ratio Lower Upper

216 100

214 78.3 63.5 95.3

179 19.9 16.6 24.8

108 17.9 16.3 24.5

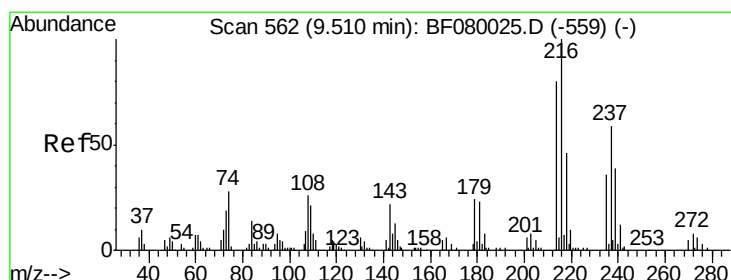
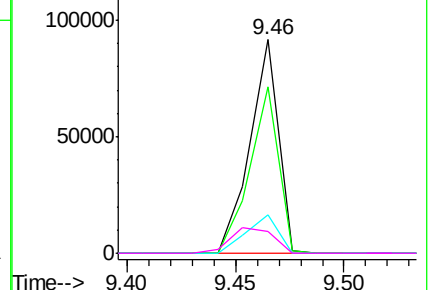
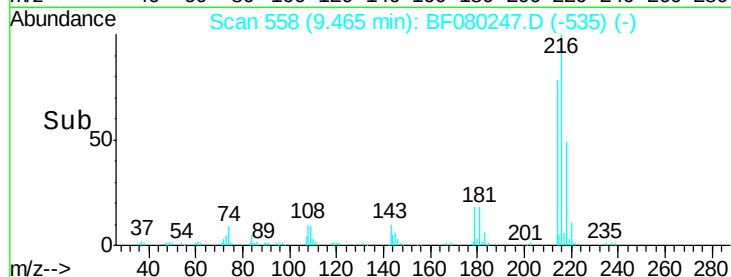


Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.14 ng

RT: 9.45 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

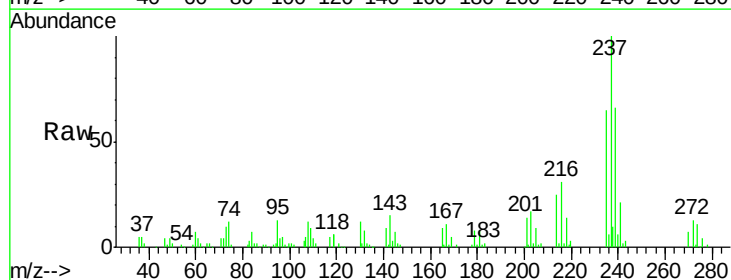
Tgt Ion:237 Resp: 73297

Ion Ratio Lower Upper

237 100

235 64.5 42.0 82.0

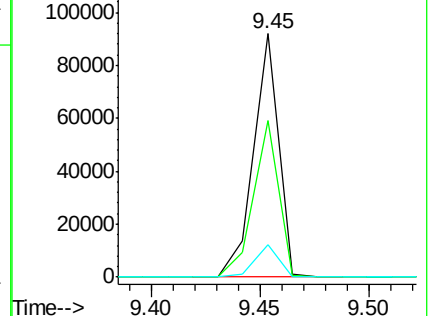
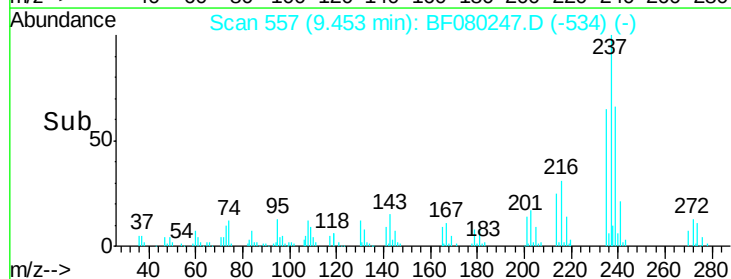
272 13.5 0.0 36.1

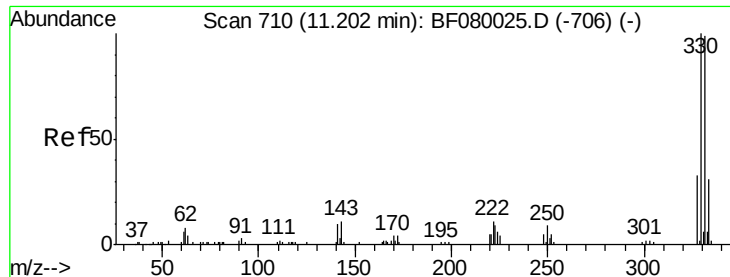


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

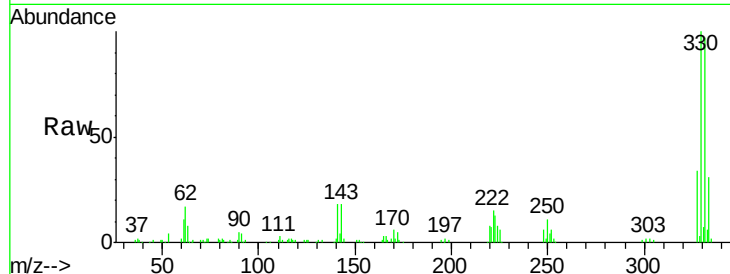




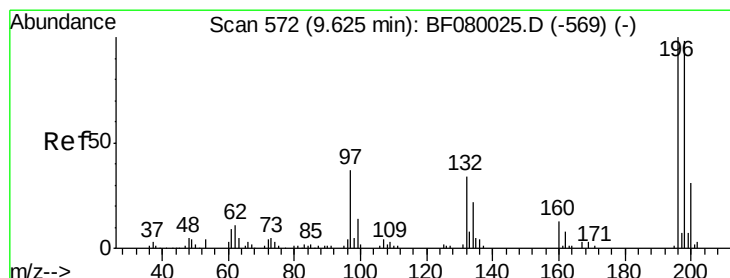
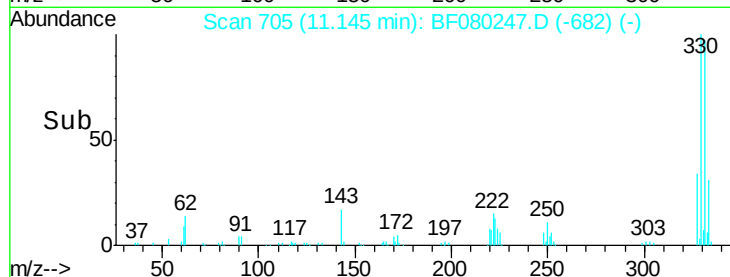
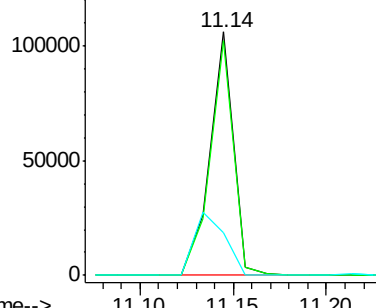
#41
 2,4,6-Tribromophenol
 Concen: 127.28 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

Tgt Ion:330 Resp: 93763
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 34.4 29.7 44.5

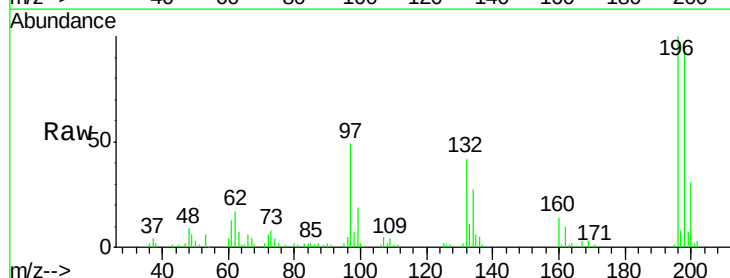


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

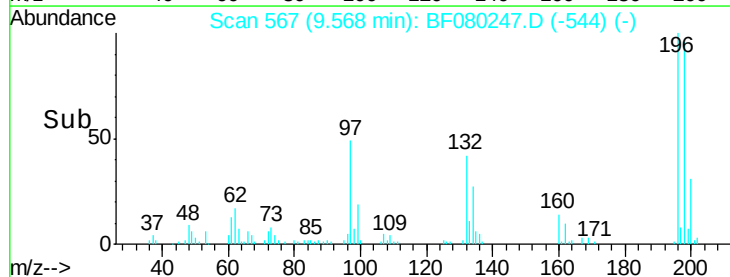
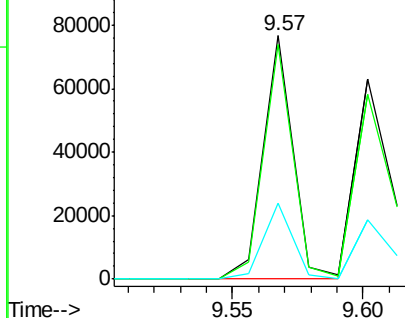


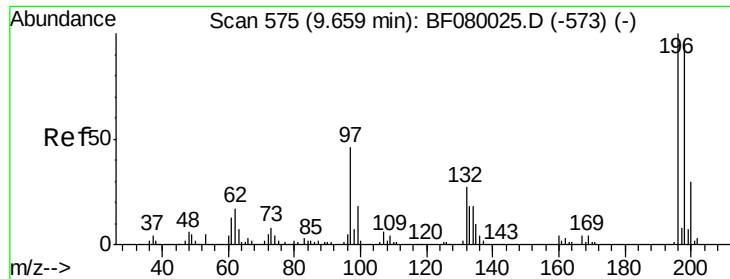
#42
 2,4,6-Trichlorophenol
 Concen: 40.44 ng
 RT: 9.57 min Scan# 567
 Delta R.T. -0.03 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Tgt Ion:196 Resp: 60326
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 200 31.3 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

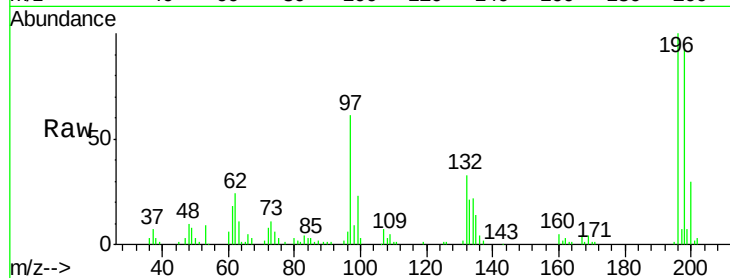




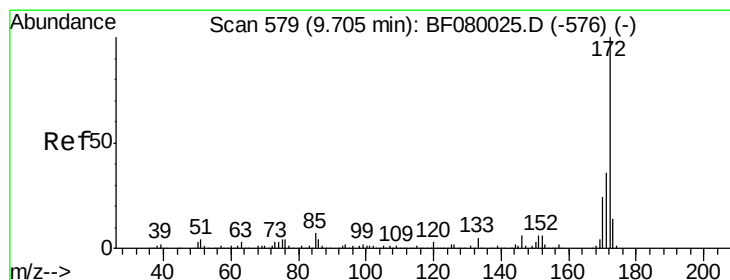
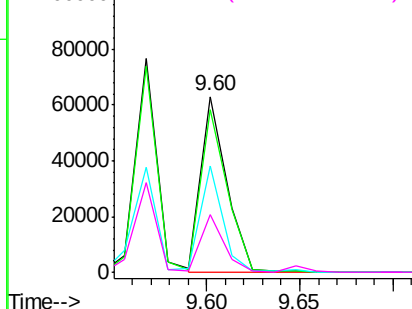
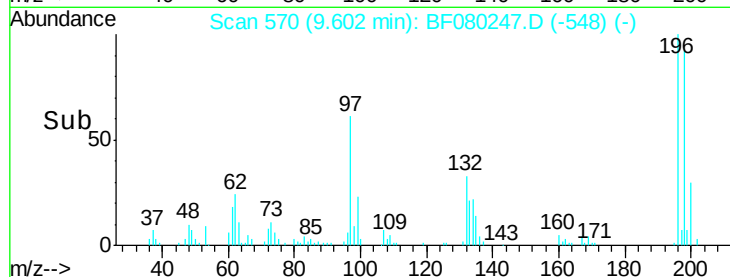
#43
 2,4,5-Trichlorophenol
 Concen: 35.10 ng
 RT: 9.60 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

Tgt Ion:196 Resp: 60326
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.4 113.0
 97 60.7 33.3 49.9#
 132 32.9 24.6 37.0

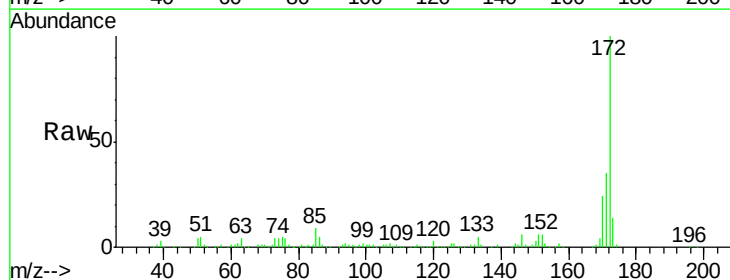


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

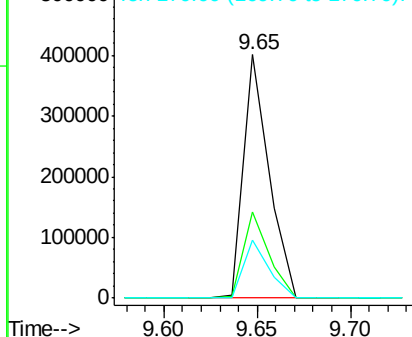
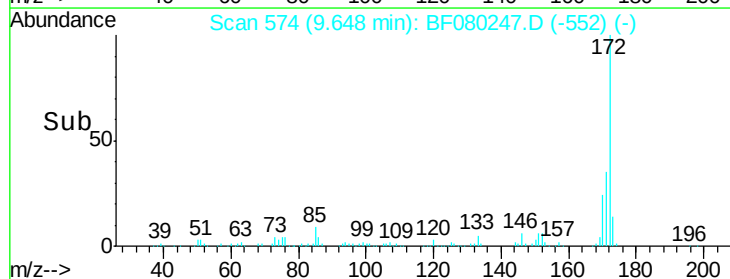


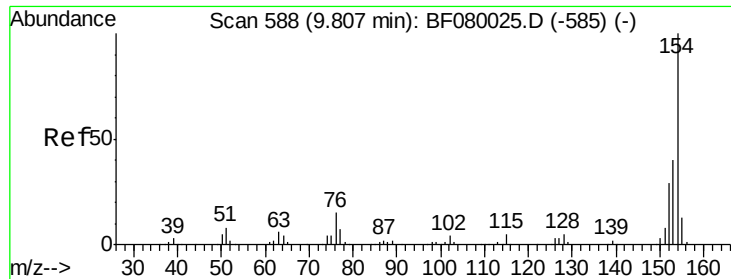
#44
 2-Fluorobiphenyl
 Concen: 72.09 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Tgt Ion:172 Resp: 380828
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.8 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

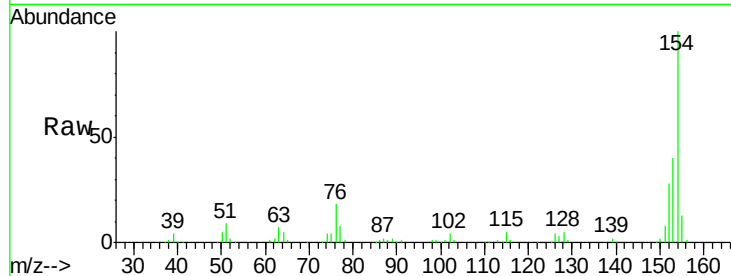




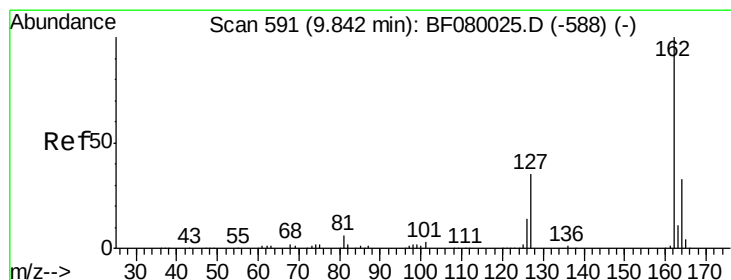
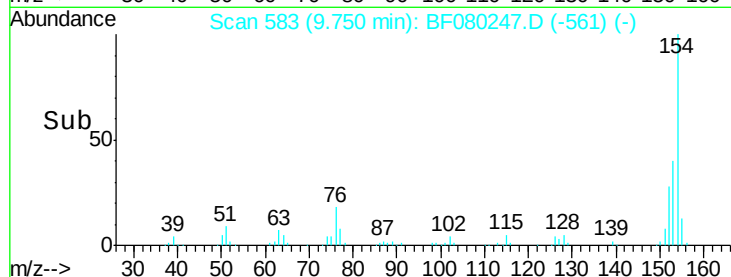
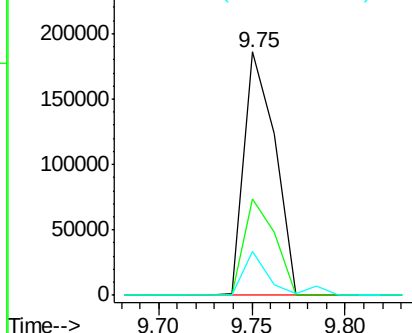
#45
 1,1'-Biphenyl
 Concen: 34.79 ng
 RT: 9.75 min Scan# 583
 Delta R.T. -0.05 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	17.1	57.1
76	18.0	0.0	31.6

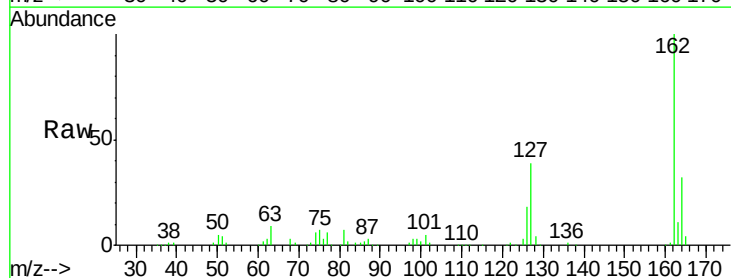


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

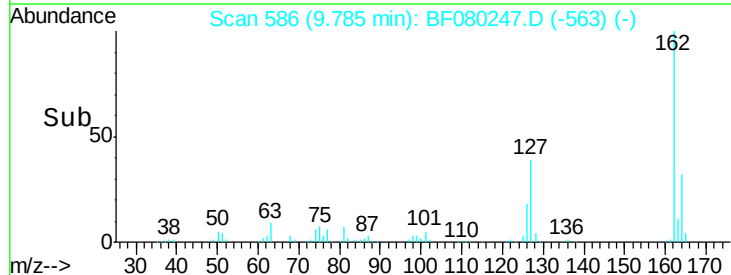
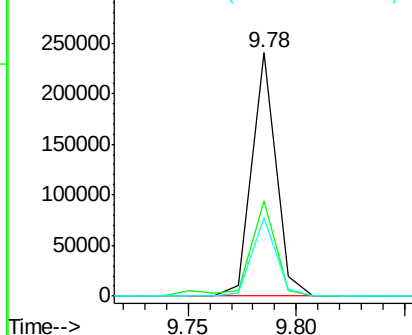


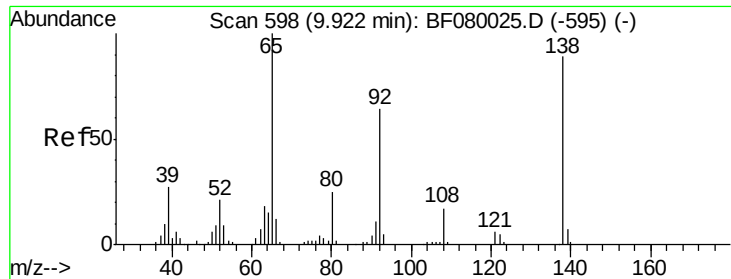
#46
 2-Chloronaphthalene
 Concen: 37.39 ng
 RT: 9.78 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	27.6	41.4
164	32.4	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: 34.36 ng

RT: 9.86 min Scan# 593

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

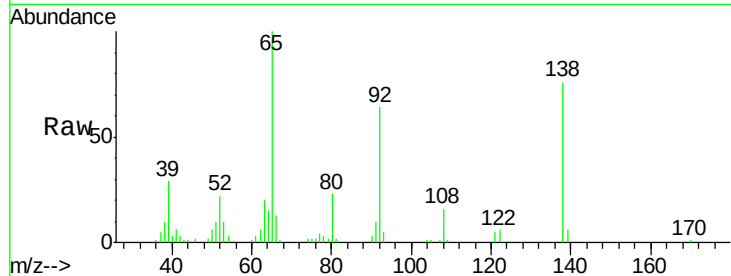
Tgt Ion: 65 Resp: 46906

Ion Ratio Lower Upper

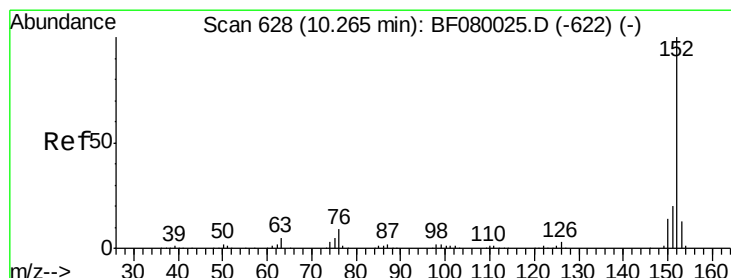
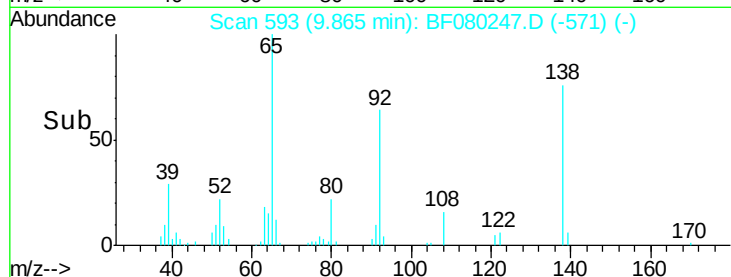
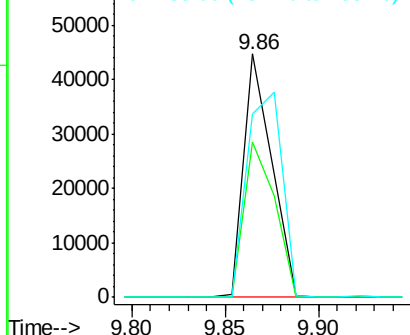
65 100

92 63.7 55.4 83.0

138 75.6 115.5 173.3#



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



#48

Acenaphthylene

Concen: 37.40 ng

RT: 10.21 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

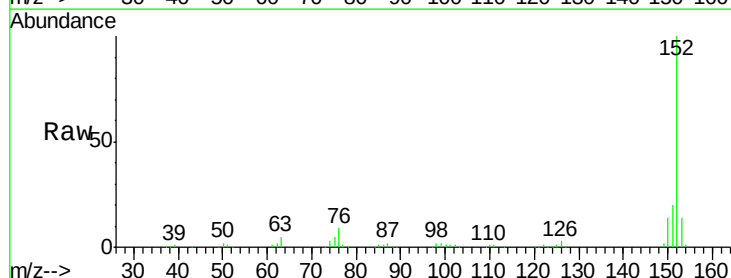
Tgt Ion: 152 Resp: 310433

Ion Ratio Lower Upper

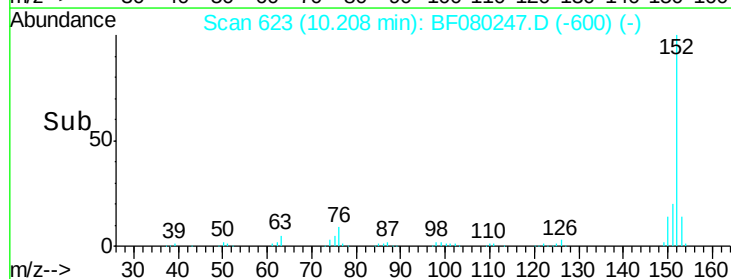
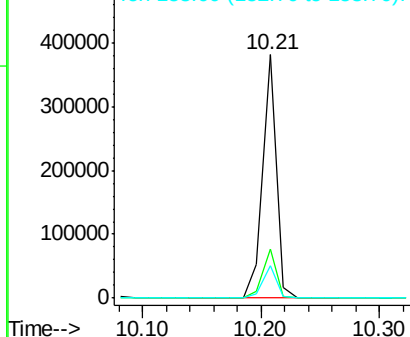
152 100

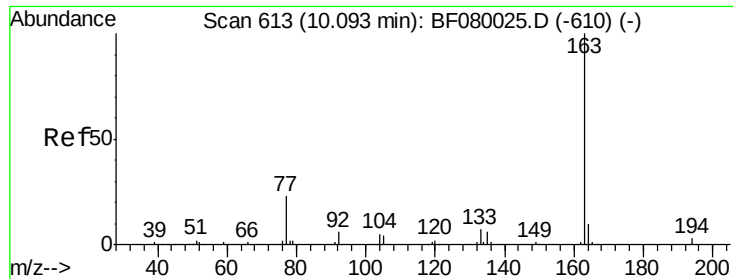
151 19.9 14.6 22.0

153 13.5 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

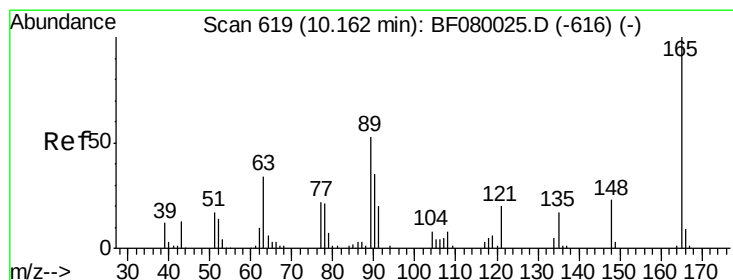
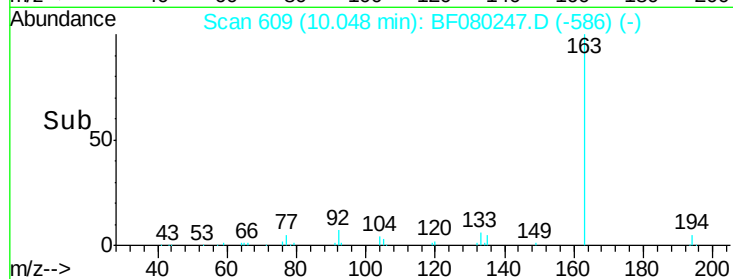
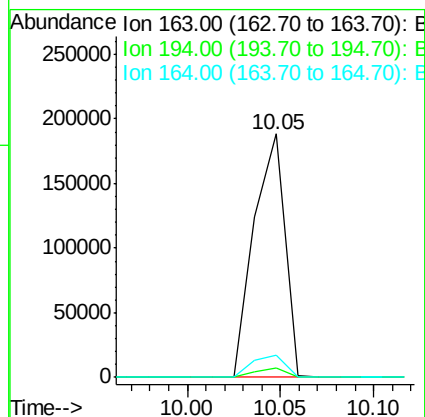
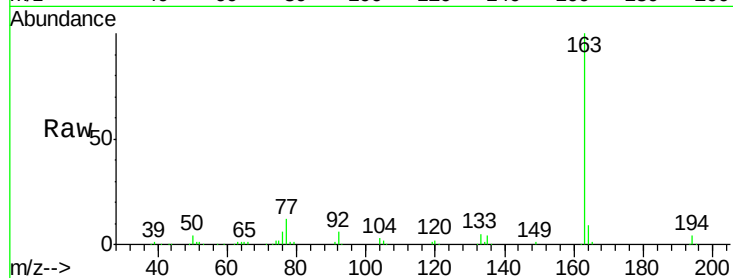




#49
Dimethylphthalate
Concen: 38.05 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

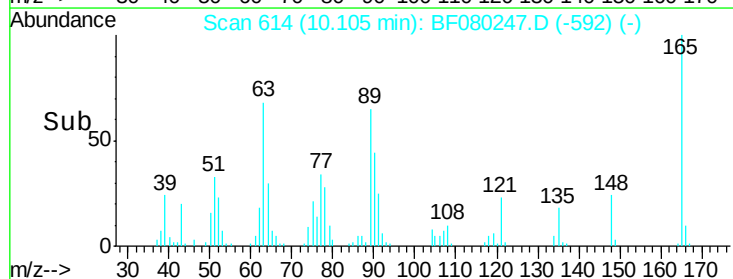
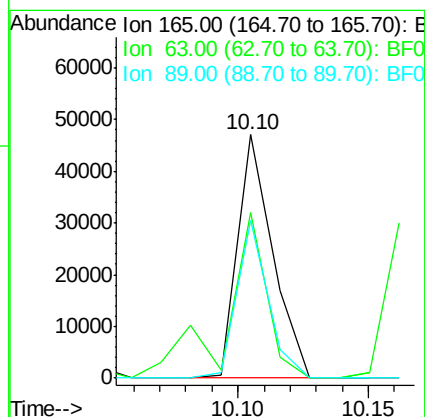
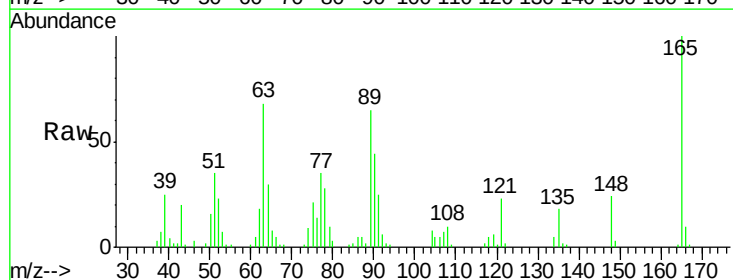
Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MS

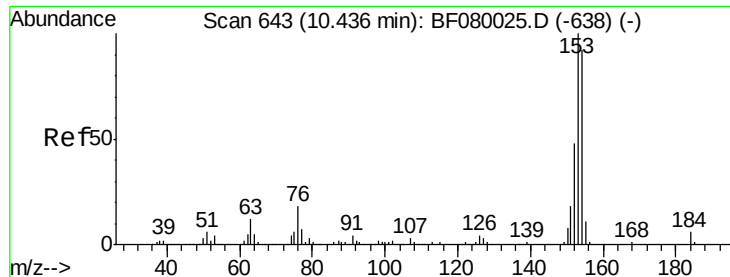
Tgt Ion:163 Resp: 215509
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 9.2 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 39.02 ng
RT: 10.10 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Tgt Ion:165 Resp: 44310
Ion Ratio Lower Upper
165 100
63 68.0 32.3 48.5#
89 65.1 28.6 43.0#





#51

Acenaphthene

Concen: 39.58 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

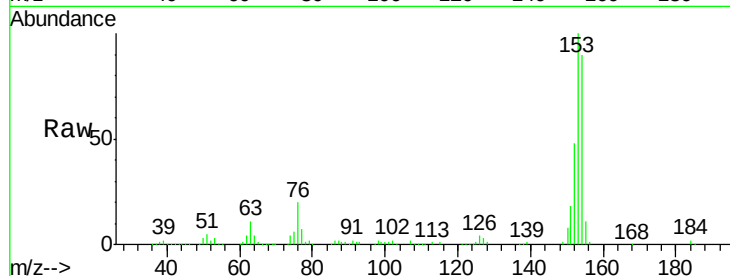
Tgt Ion:154 Resp: 201018

Ion Ratio Lower Upper

154 100

153 110.8 82.1 123.1

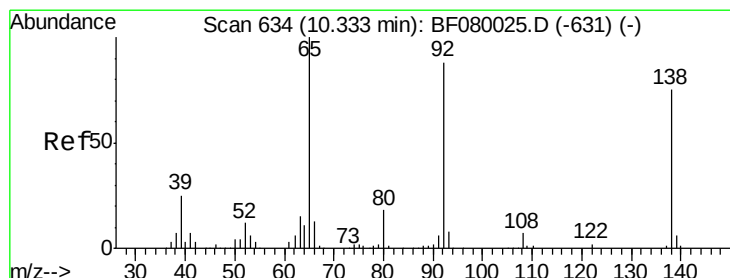
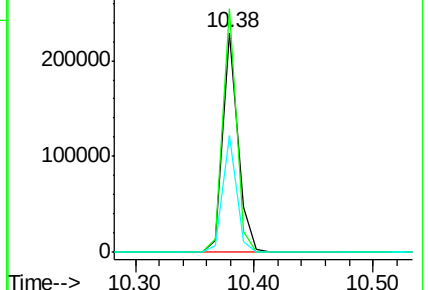
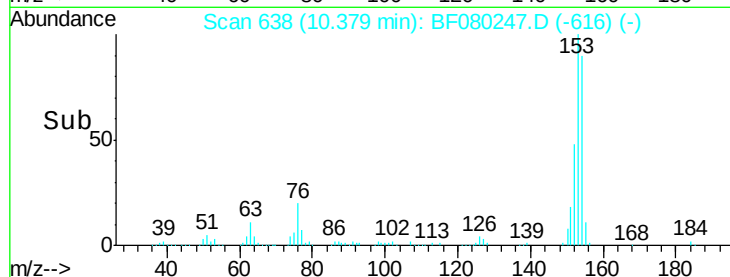
152 53.0 37.9 56.9



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: 28.46 ng

RT: 10.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

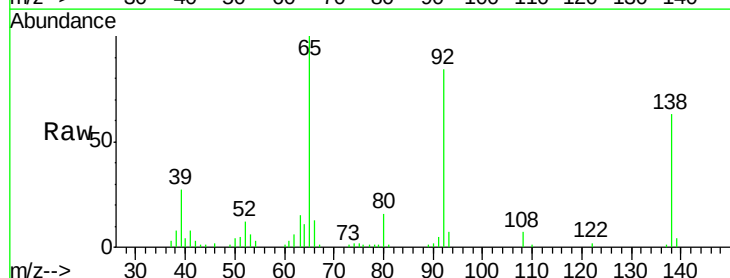
Tgt Ion:138 Resp: 37285

Ion Ratio Lower Upper

138 100

108 11.4 5.7 8.5#

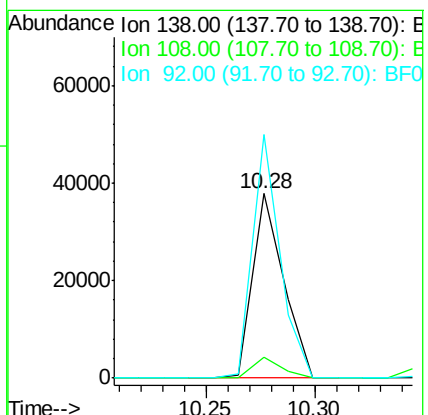
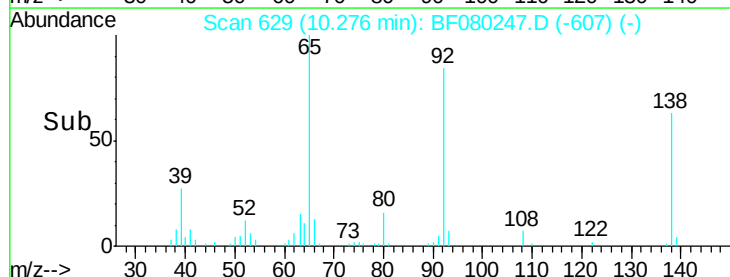
92 132.2 67.7 101.5#

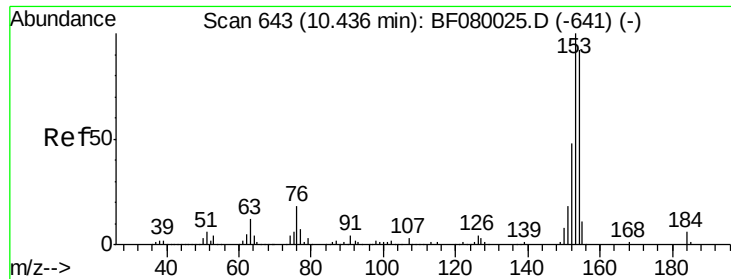


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

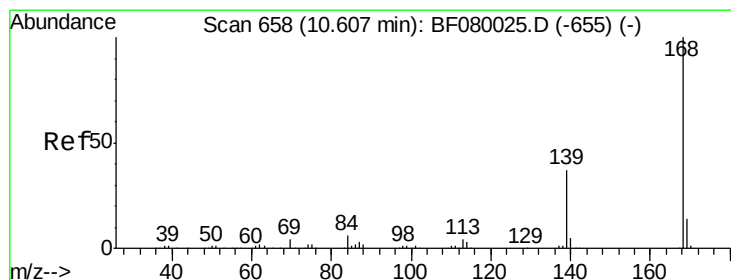
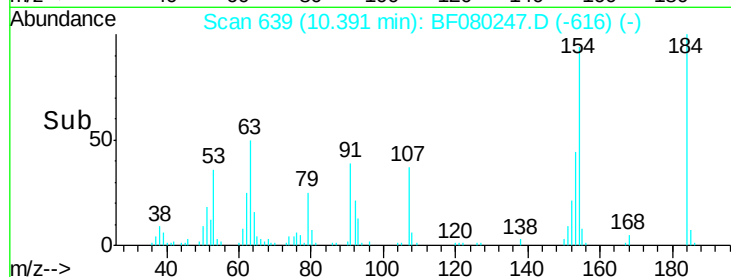
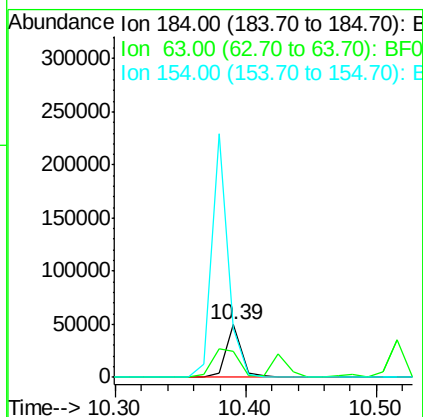
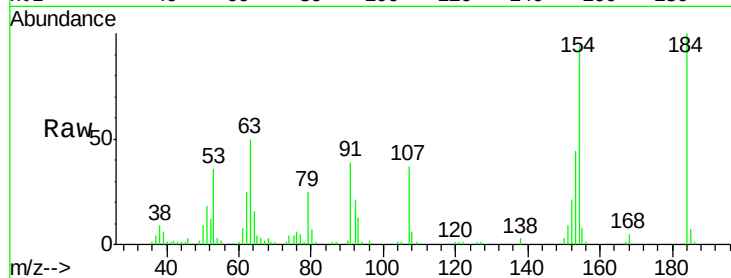




#53
2,4-Dinitrophenol
Concen: 90.61 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

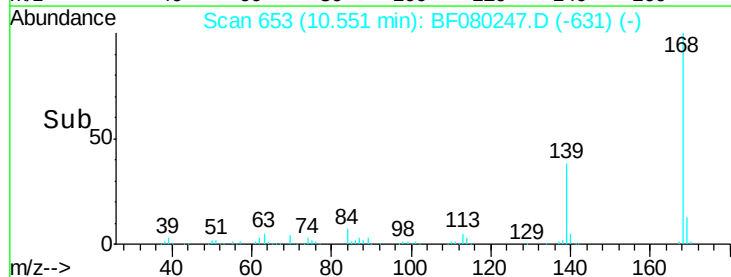
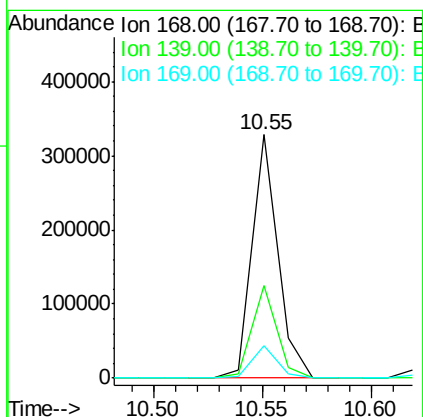
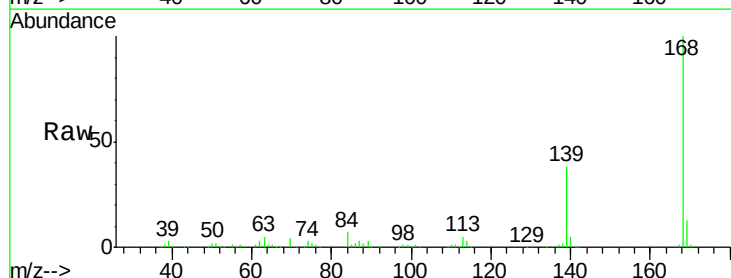
Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MS

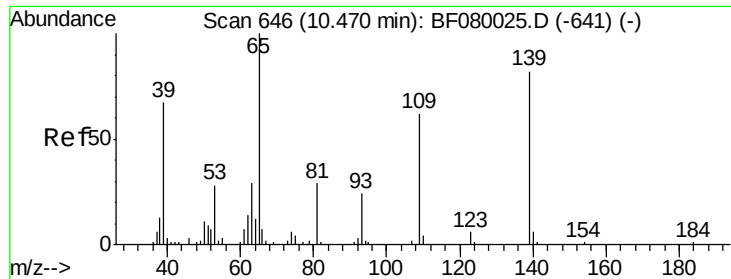
Tgt Ion:184 Resp: 42262
Ion Ratio Lower Upper
184 100
63 49.9 35.4 53.2
154 94.2 32.2 48.4#



#54
Dibenzofuran
Concen: 37.44 ng
RT: 10.55 min Scan# 653
Delta R.T. -0.05 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Tgt Ion:168 Resp: 269777
Ion Ratio Lower Upper
168 100
139 38.2 24.2 36.2#
169 13.5 10.6 15.8





#55

4-Nitrophenol

Concen: 63.25 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

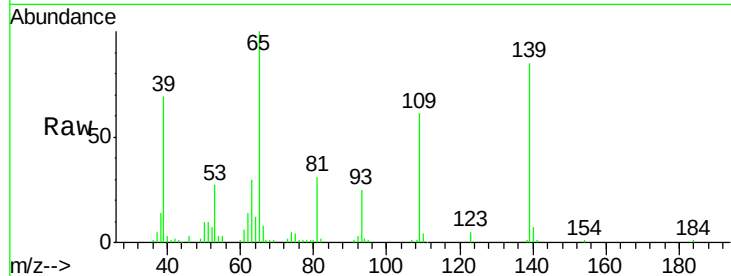
Tgt Ion:139 Resp: 66230

Ion Ratio Lower Upper

139 100

109 71.1 12.7 52.7#

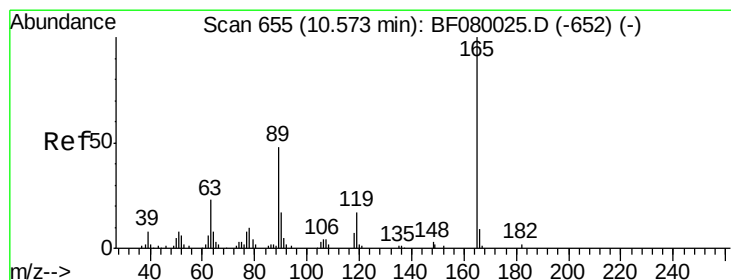
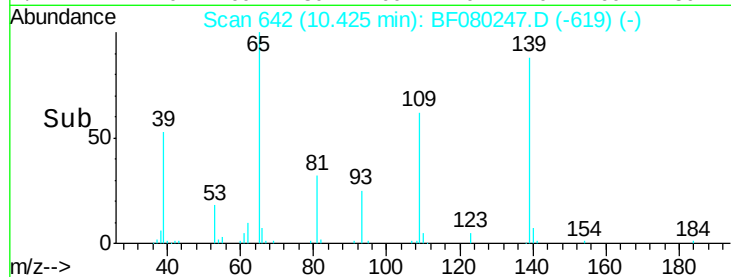
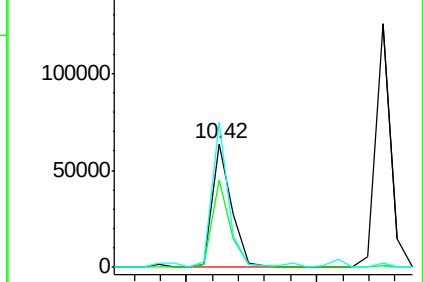
65 117.3 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.05 ng

RT: 10.52 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Tgt Ion:165 Resp: 66348

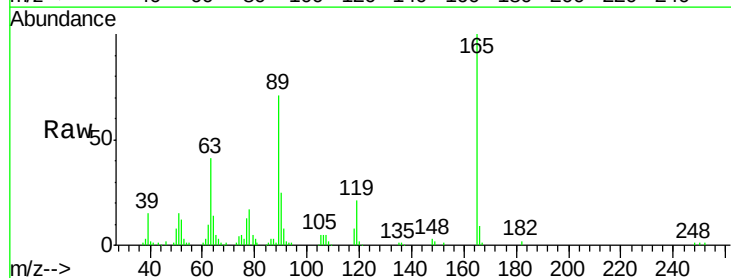
Ion Ratio Lower Upper

165 100

63 41.1 29.8 44.6

89 70.6 44.5 66.7#

182 2.4 3.0 4.4#

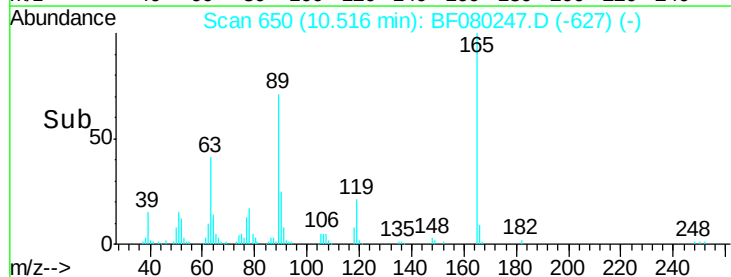
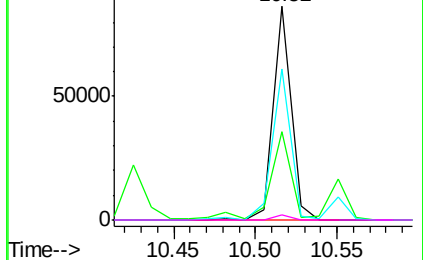


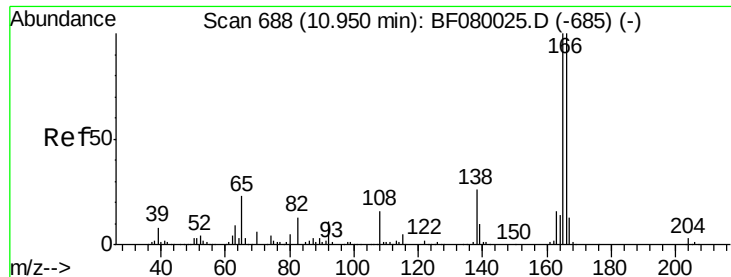
Abundance Ion 165.00 (164.70 to 165.70): E

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

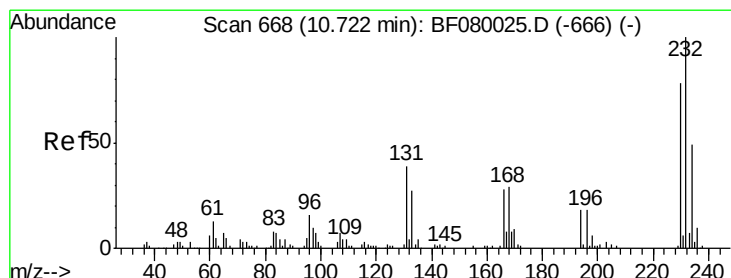
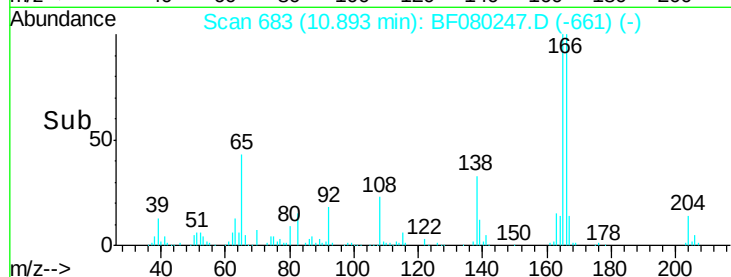
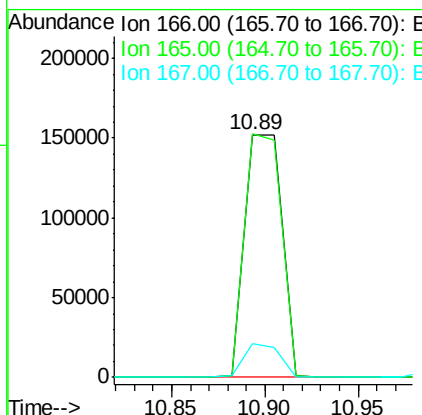
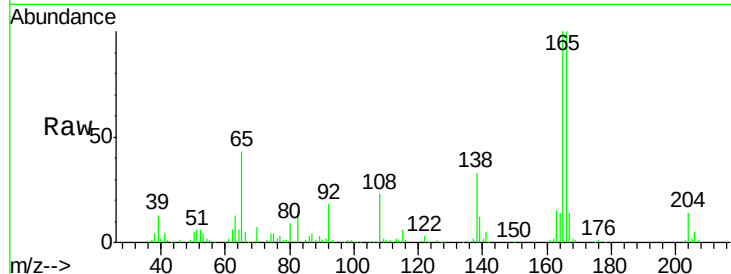




#57
 Fluorene
 Concen: 36.77 ng
 RT: 10.89 min Scan# 683
 Delta R.T. -0.05 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

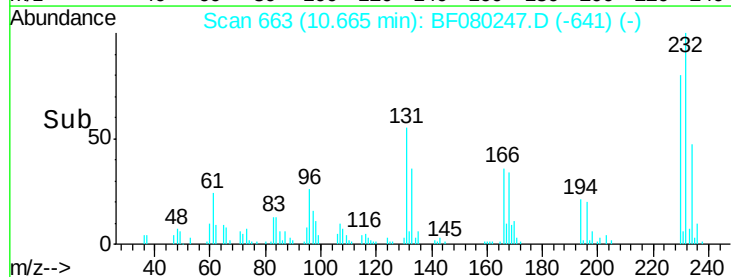
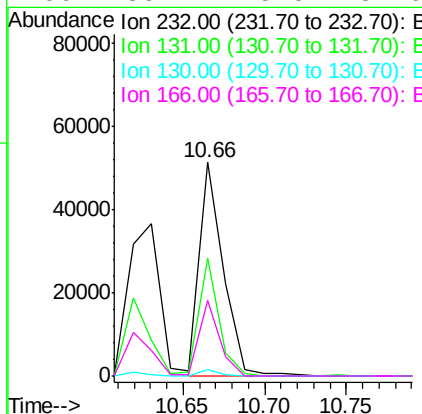
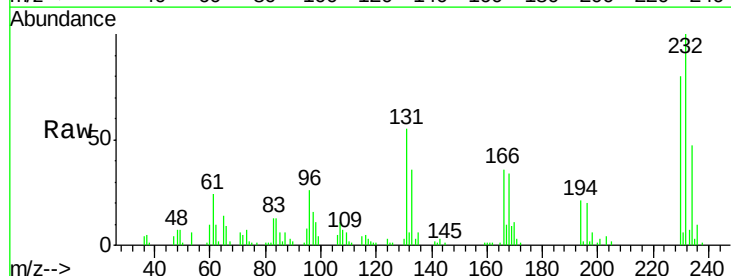
Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

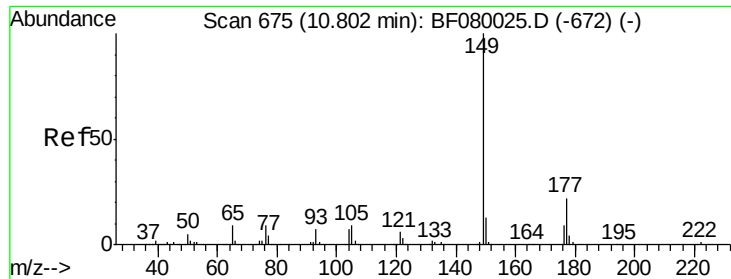
Tgt Ion:166 Resp: 210220
 Ion Ratio Lower Upper
 166 100
 165 100.2 72.6 109.0
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.12 ng
 RT: 10.66 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Tgt Ion:232 Resp: 52400
 Ion Ratio Lower Upper
 232 100
 131 46.3 38.5 57.7
 130 2.3 1.8 2.6
 166 30.4 25.0 37.6

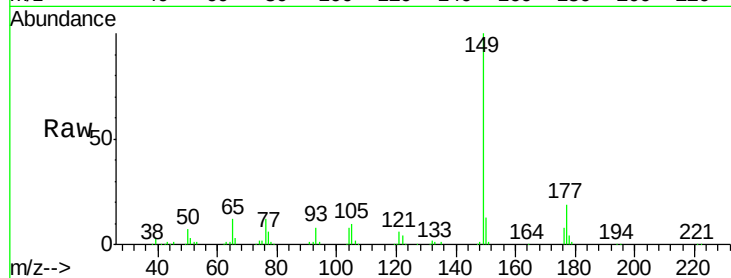




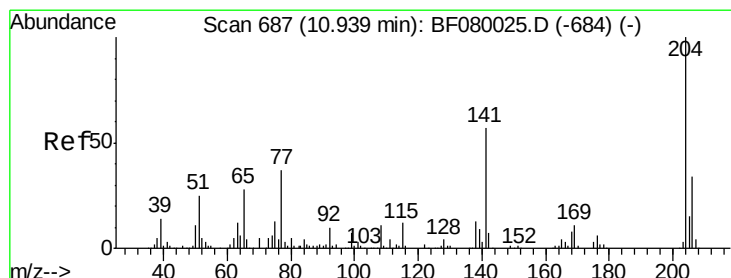
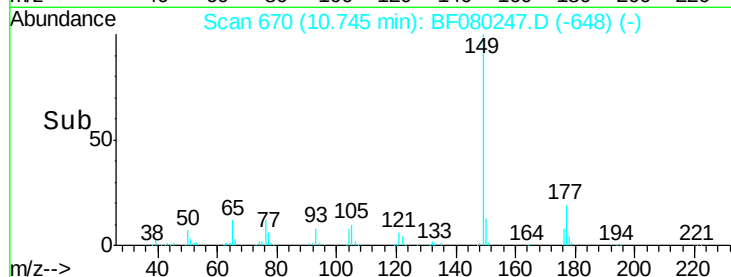
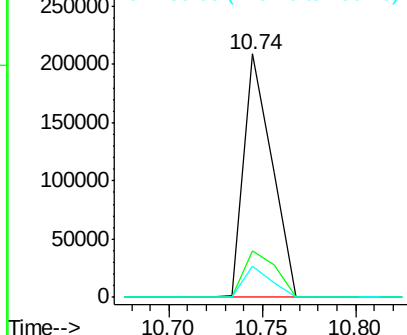
#59
Diethylphthalate
Concen: 38.30 ng
RT: 10.74 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MS

Tgt Ion:149 Resp: 218460
Ion Ratio Lower Upper
149 100
177 19.1 17.5 26.3
150 12.6 9.4 14.2

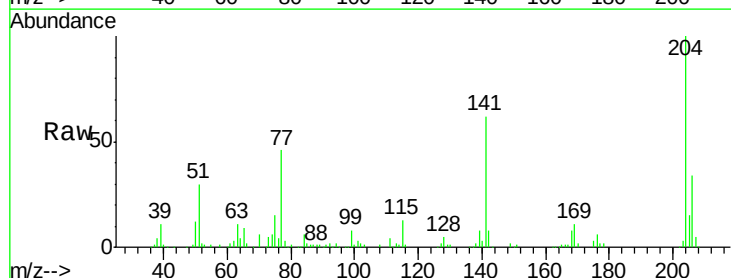


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

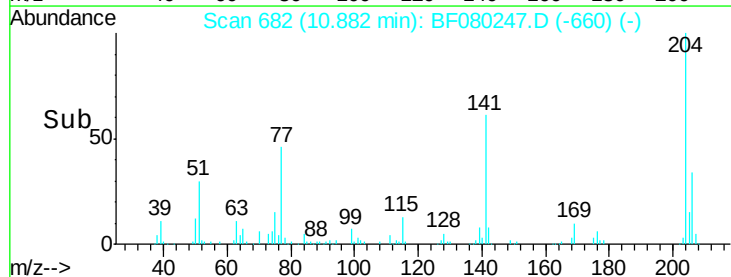
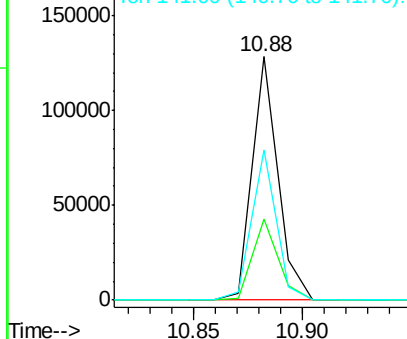


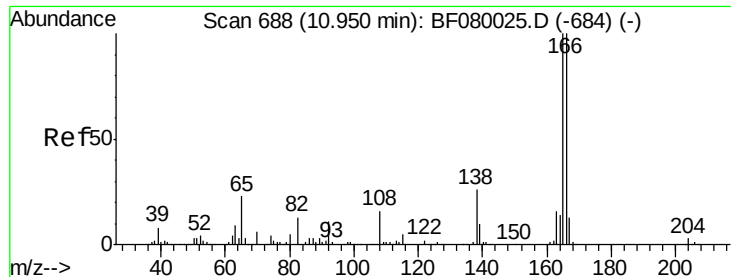
#60
4-Chlorophenyl-phenylether
Concen: 38.21 ng
RT: 10.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Tgt Ion:204 Resp: 104996
Ion Ratio Lower Upper
204 100
206 33.5 24.8 37.2
141 61.6 42.2 63.4



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





#61

4-Nitroaniline

Concen: 33.58 ng

RT: 10.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

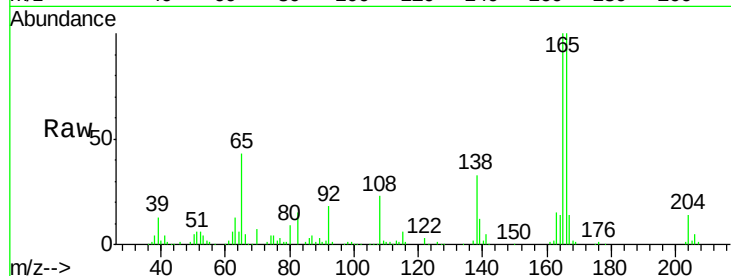
Tgt Ion:138 Resp: 45435

Ion Ratio Lower Upper

138 100

92 53.5 12.6 52.6#

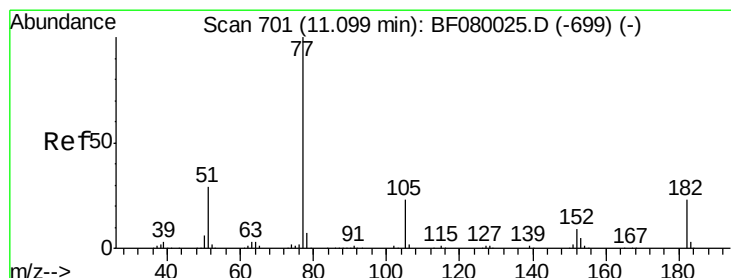
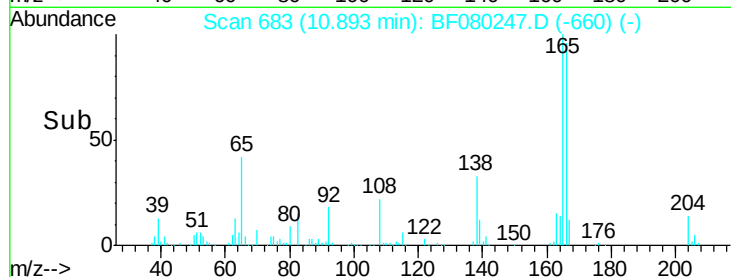
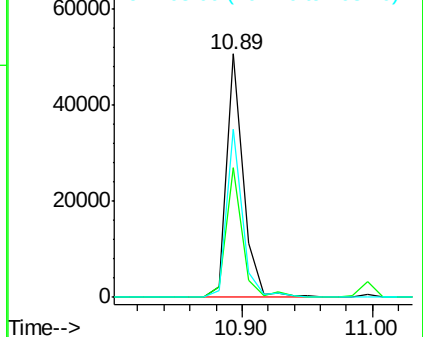
108 69.2 12.4 52.4#



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: 36.72 ng

RT: 11.04 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Tgt Ion: 77 Resp: 213193

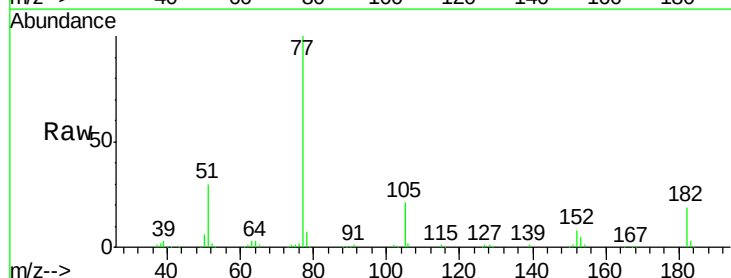
Ion Ratio Lower Upper

77 100

182 18.9 15.1 55.1

105 21.4 3.4 43.4

51 30.2 12.0 52.0

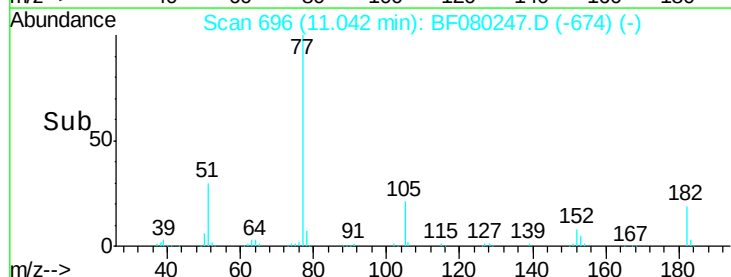
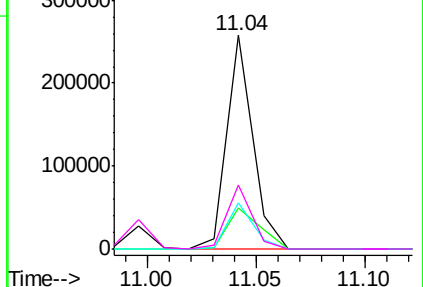


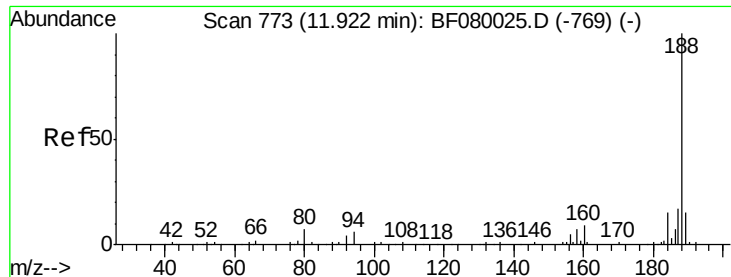
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

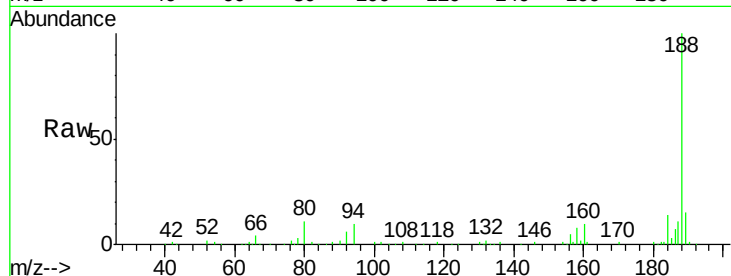




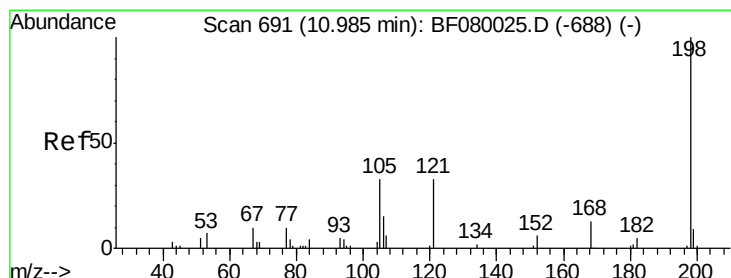
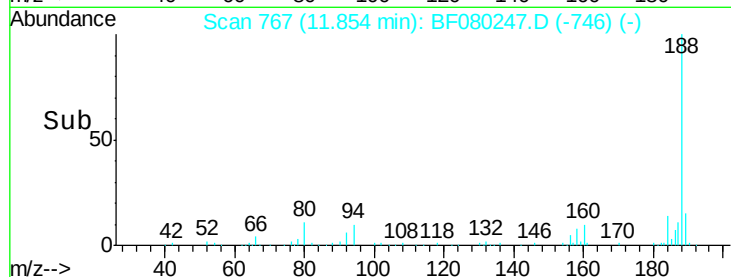
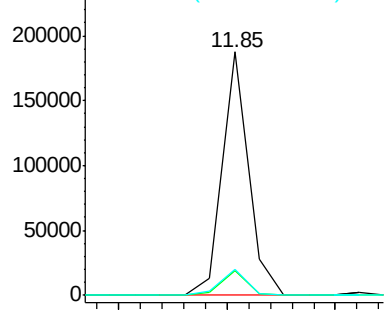
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.85 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

Tgt Ion:188 Resp: 157544
 Ion Ratio Lower Upper
 188 100
 94 10.2 11.1 16.7#
 80 10.8 11.0 16.4#

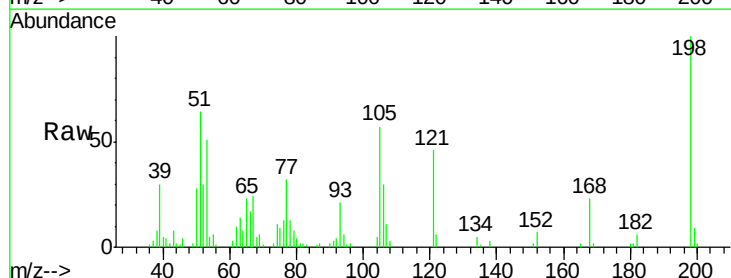


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

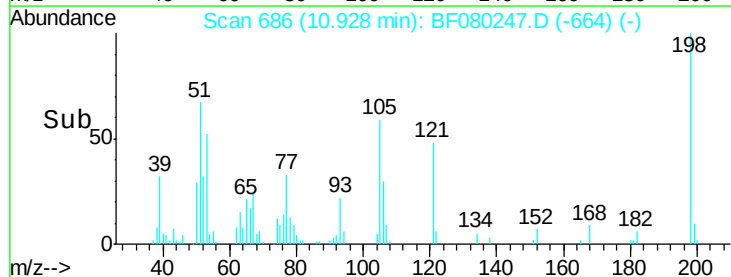
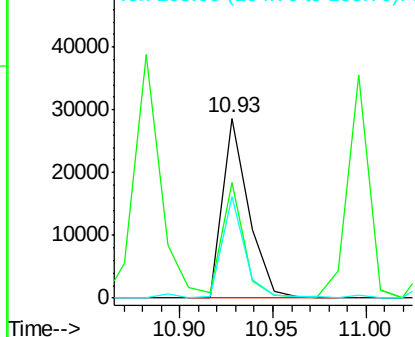


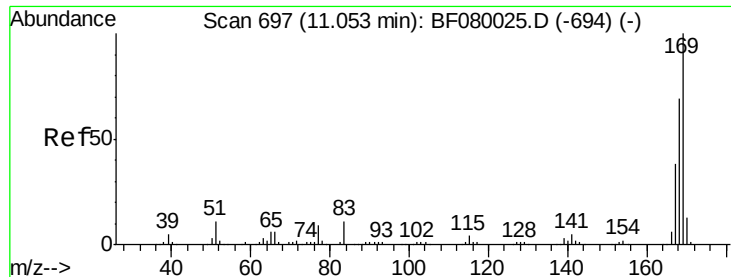
#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.40 ng
 RT: 10.93 min Scan# 686
 Delta R.T. -0.05 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Tgt Ion:198 Resp: 28074
 Ion Ratio Lower Upper
 198 100
 51 64.0 39.6 79.6
 105 56.6 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

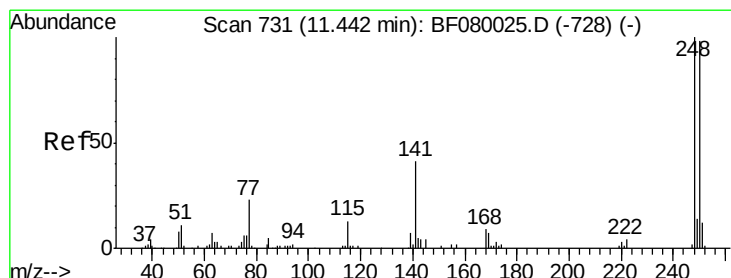
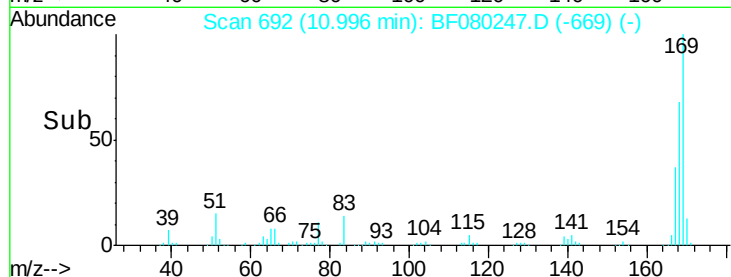
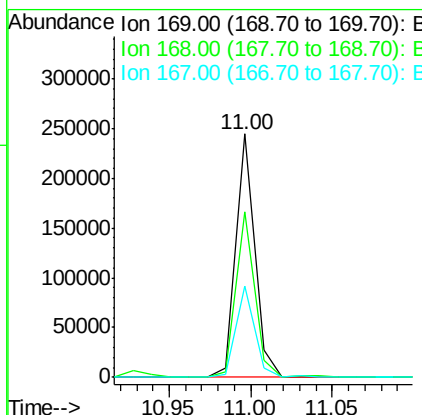
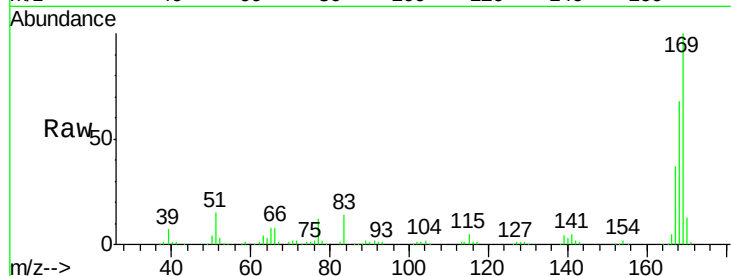




#65
 n-Nitrosodiphenylamine
 Concen: 37.59 ng
 RT: 11.00 min Scan# 692
 Delta R.T. -0.03 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

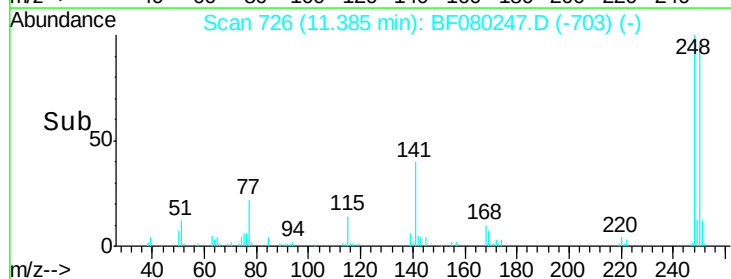
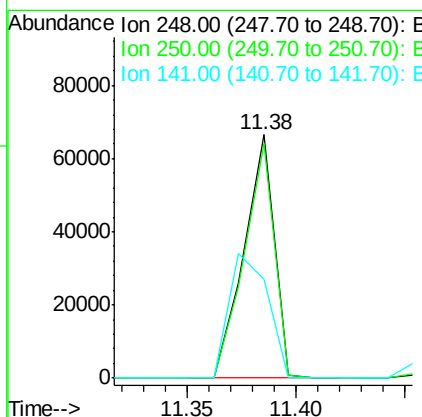
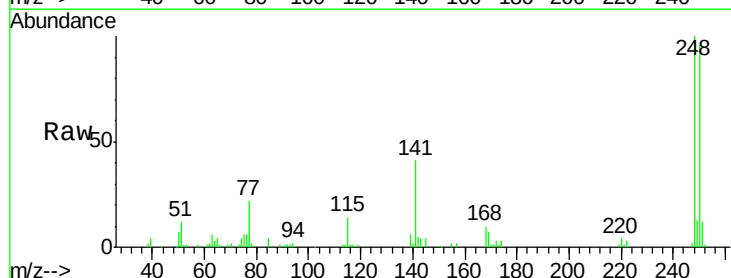
Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

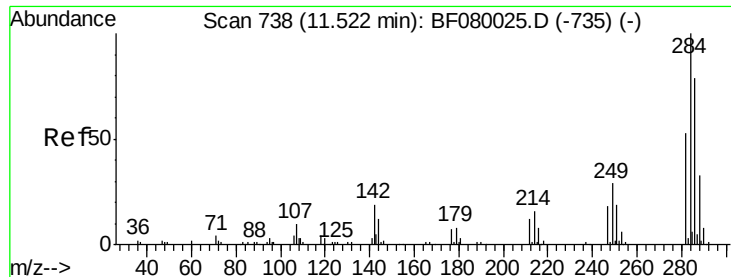
Tgt Ion:169 Resp: 192830
 Ion Ratio Lower Upper
 169 100
 168 68.0 48.9 73.3
 167 37.4 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 38.16 ng
 RT: 11.38 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Tgt Ion:248 Resp: 63922
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.5 117.7
 141 40.6 59.0 88.6#





#67

Hexachlorobenzene

Concen: 35.98 ng

RT: 11.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

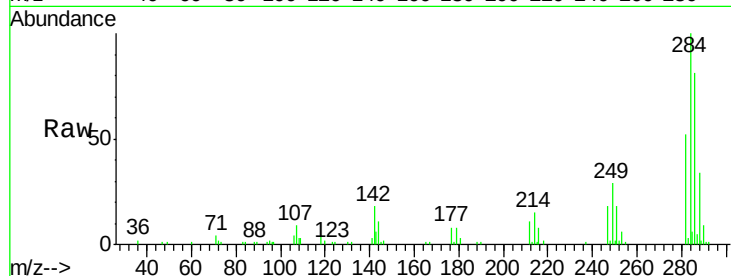
Tgt Ion:284 Resp: 66985

Ion Ratio Lower Upper

284 100

142 18.1 29.5 44.3#

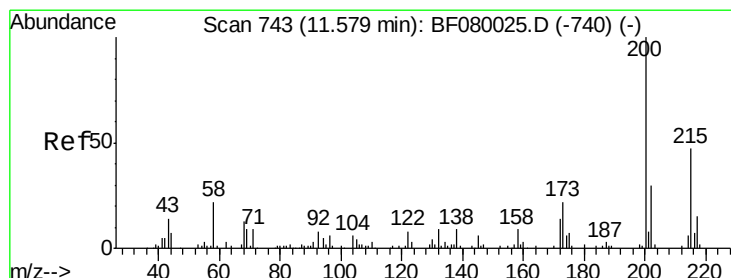
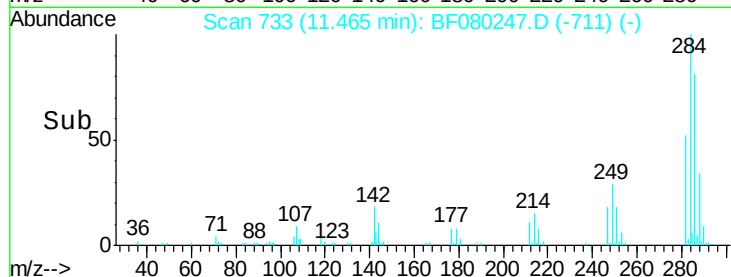
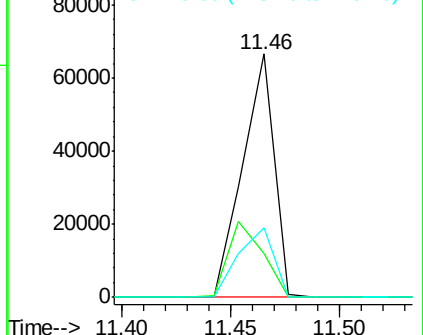
249 28.7 19.5 29.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.88 ng

RT: 11.52 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

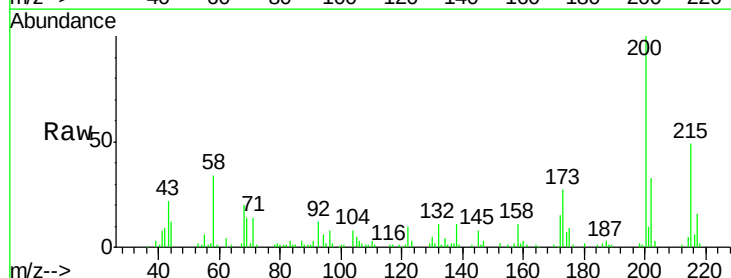
Tgt Ion:200 Resp: 64636

Ion Ratio Lower Upper

200 100

173 26.6 13.2 53.2

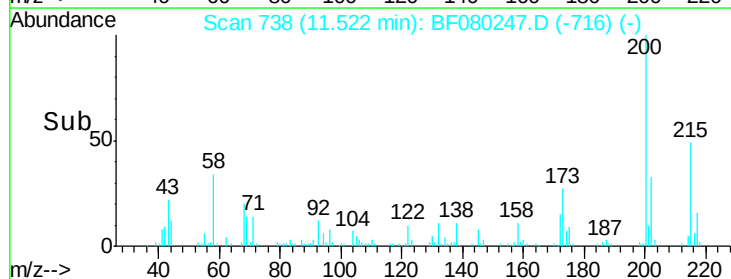
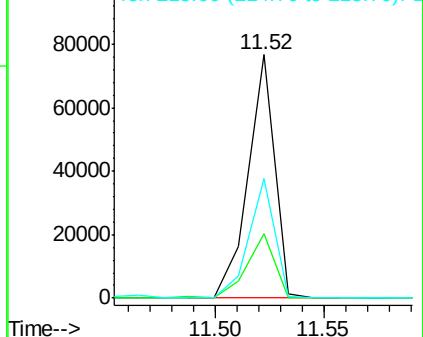
215 49.0 41.8 81.8

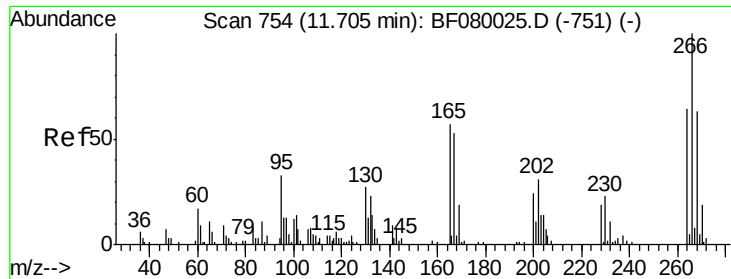


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

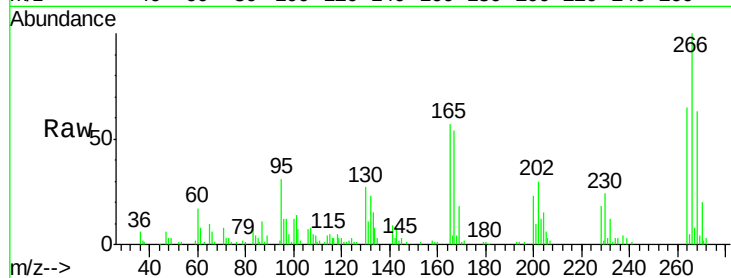




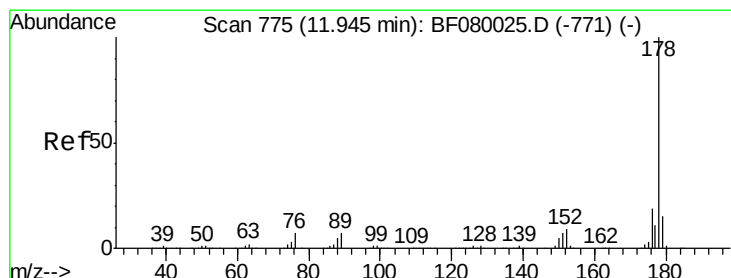
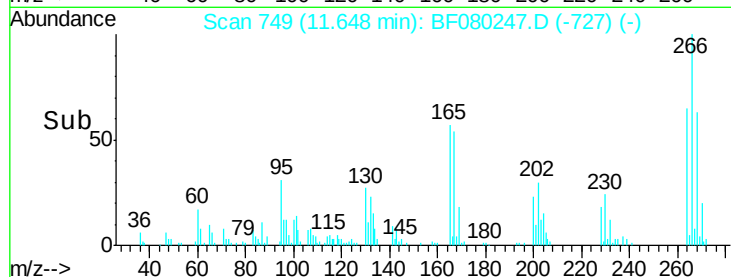
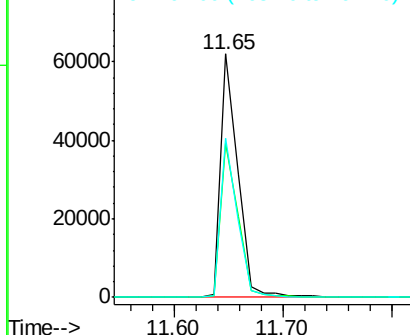
#69
 Pentachlorophenol
 Concen: 65.18 ng
 RT: 11.65 min Scan# 749
 Delta R.T. -0.05 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

Tgt Ion:266 Resp: 68769
 Ion Ratio Lower Upper
 266 100
 268 63.4 49.8 74.6
 264 65.4 50.2 75.2

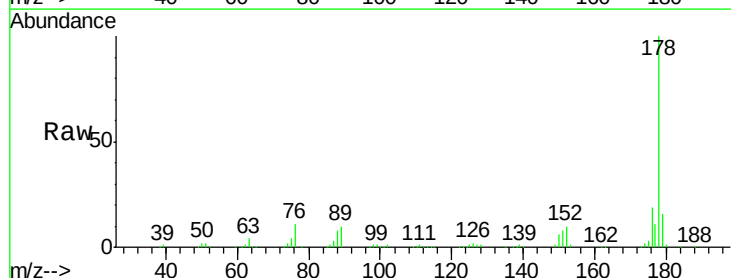


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

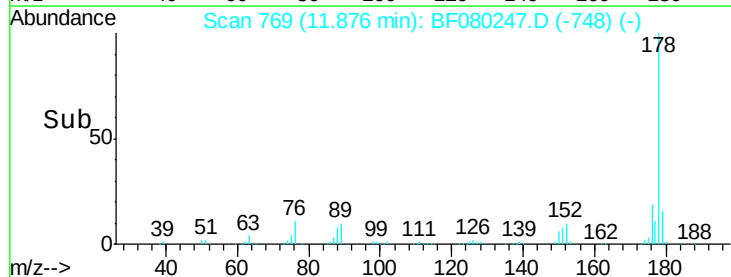
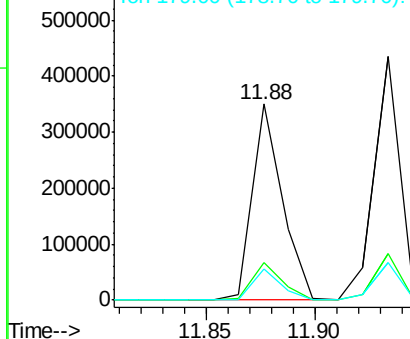


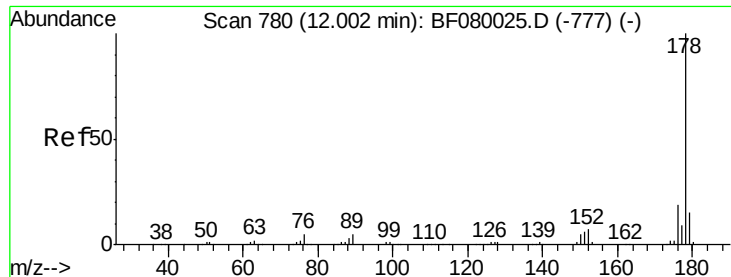
#70
 Phenanthrene
 Concen: 35.13 ng
 RT: 11.88 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Tgt Ion:178 Resp: 335076
 Ion Ratio Lower Upper
 178 100
 176 19.0 13.8 20.8
 179 15.7 12.2 18.2



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

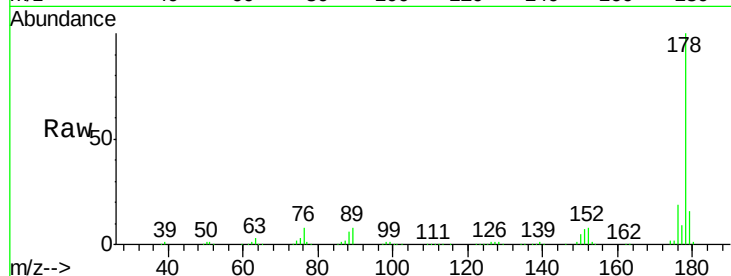




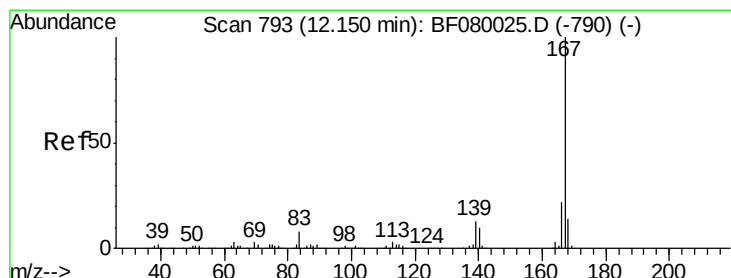
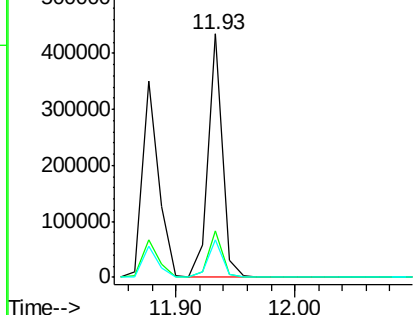
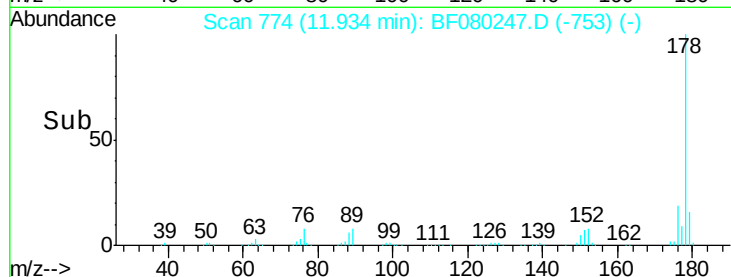
#71
 Anthracene
 Concen: 39.39 ng
 RT: 11.93 min Scan# 774
 Delta R.T. -0.06 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

Tgt Ion:178 Resp: 361767
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.1 21.1
 179 15.7 12.2 18.2

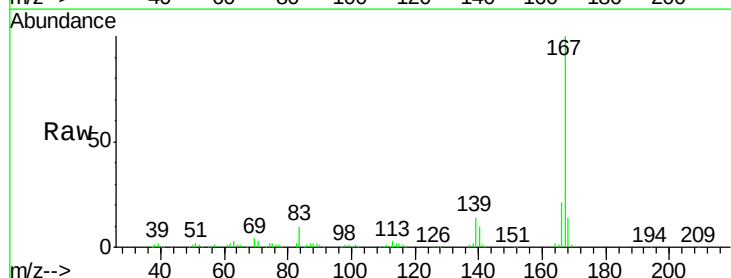


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

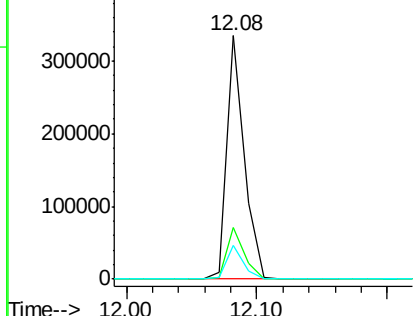
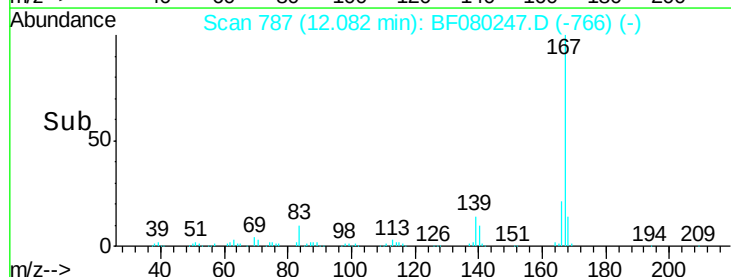


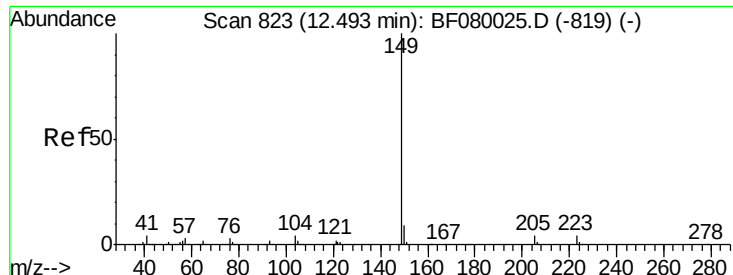
#72
 Carbazole
 Concen: 35.42 ng
 RT: 12.08 min Scan# 787
 Delta R.T. -0.06 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Tgt Ion:167 Resp: 310532
 Ion Ratio Lower Upper
 167 100
 166 21.4 15.7 23.5
 139 13.9 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: 36.25 ng

RT: 12.41 min Scan# 816

Delta R.T. -0.07 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

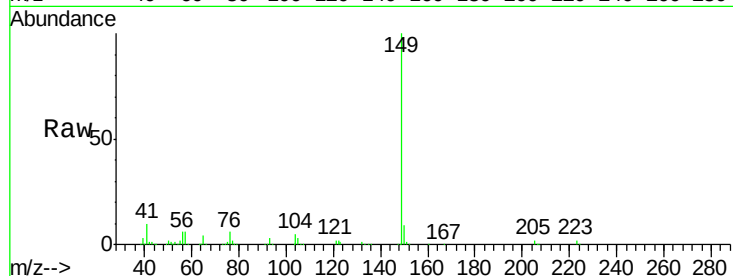
Tgt Ion:149 Resp: 367226

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

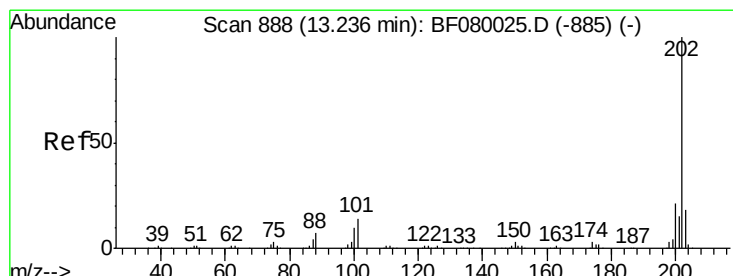
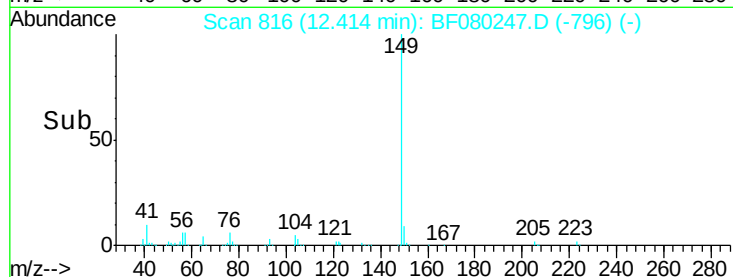
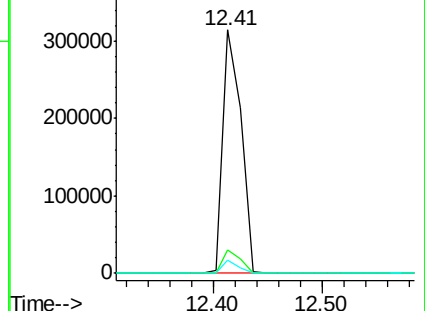
104 5.5 2.4 3.6#



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: 37.73 ng

RT: 13.16 min Scan# 881

Delta R.T. -0.09 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

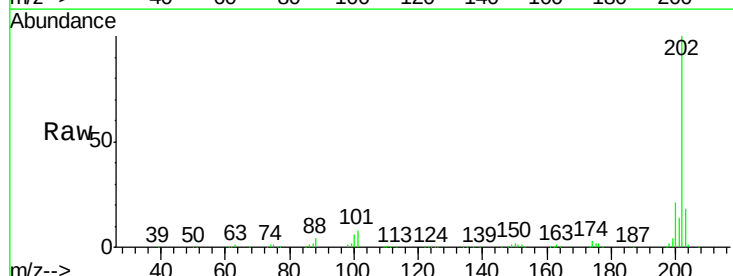
Tgt Ion:202 Resp: 383237

Ion Ratio Lower Upper

202 100

101 7.8 0.0 38.3

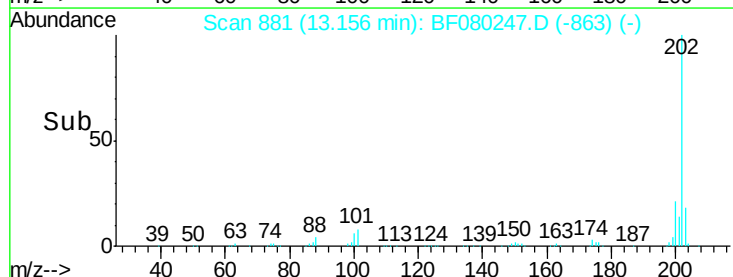
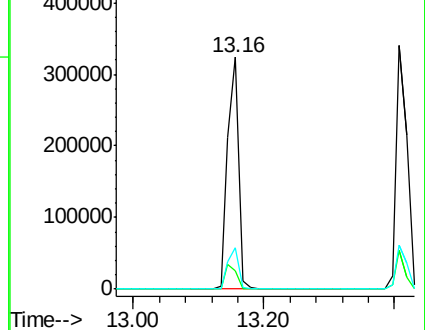
203 17.6 0.0 37.3

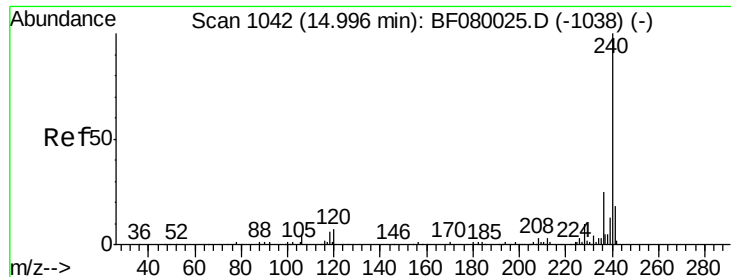


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.86 min Scan# 1030

Delta R.T. -0.14 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

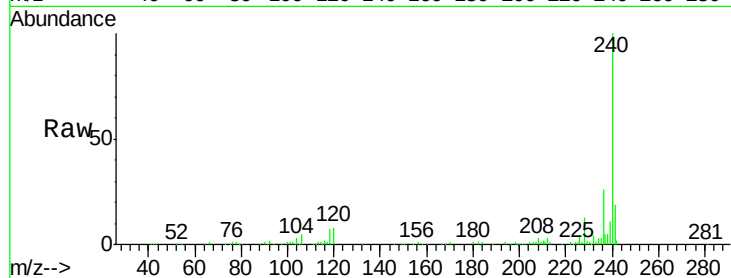
Tgt Ion:240 Resp: 182767

Ion Ratio Lower Upper

240 100

120 7.8 16.2 24.2#

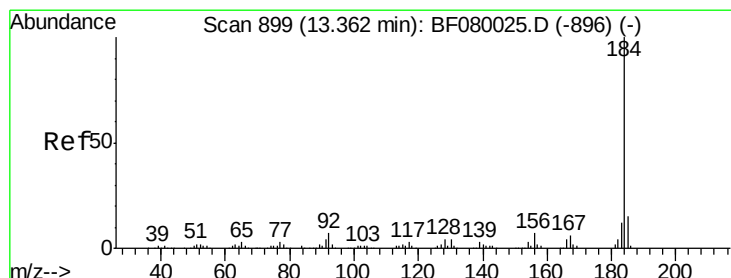
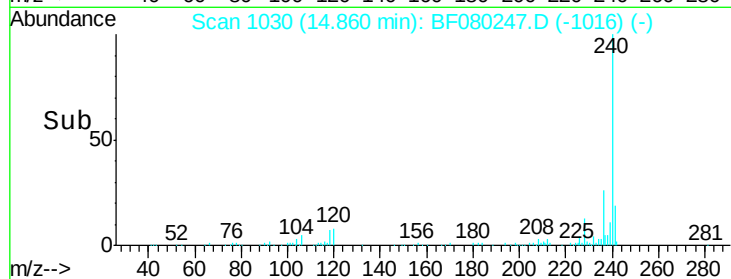
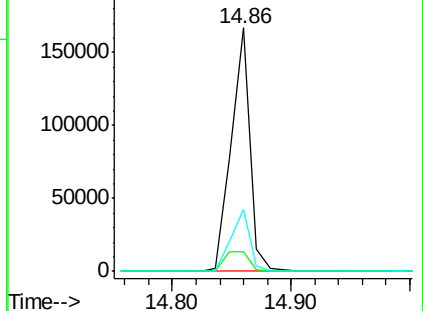
236 25.6 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.15 ng

RT: 13.27 min Scan# 891

Delta R.T. -0.09 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

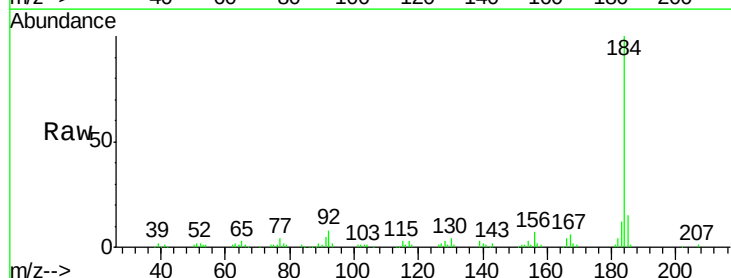
Tgt Ion:184 Resp: 102917

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

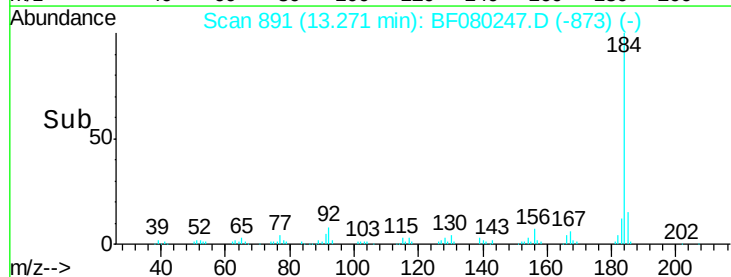
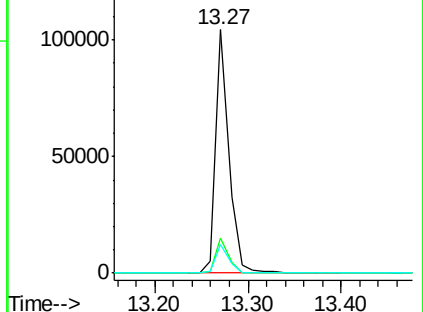
183 11.7 7.6 11.4#

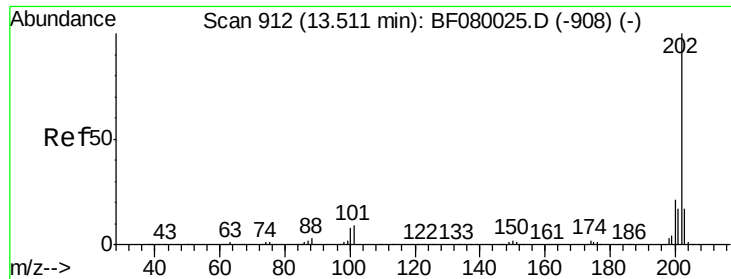


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

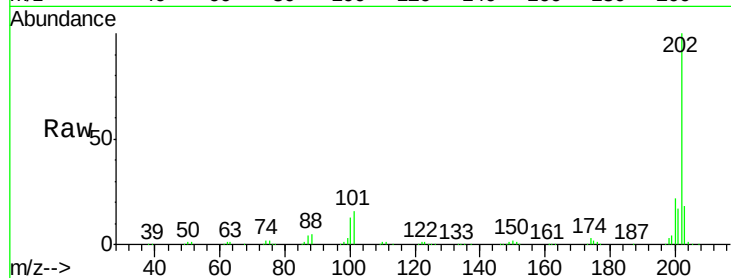




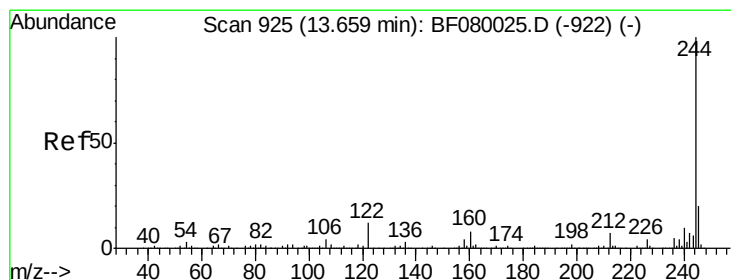
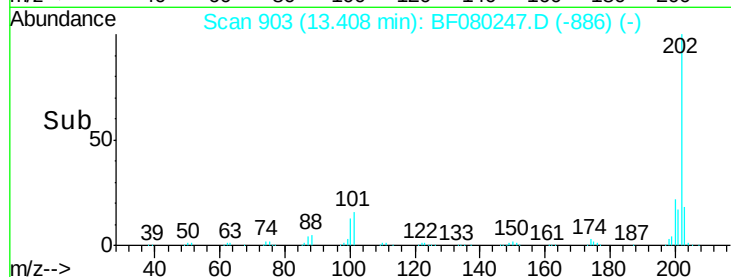
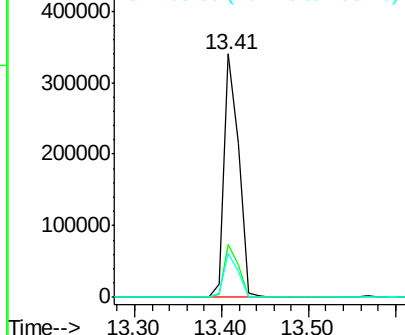
#77
 Pyrene
 Concen: 35.86 ng
 RT: 13.41 min Scan# 903
 Delta R.T. -0.10 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

Tgt Ion: 202 Resp: 403551
 Ion Ratio Lower Upper
 202 100
 200 21.5 15.0 22.4
 203 18.3 14.1 21.1

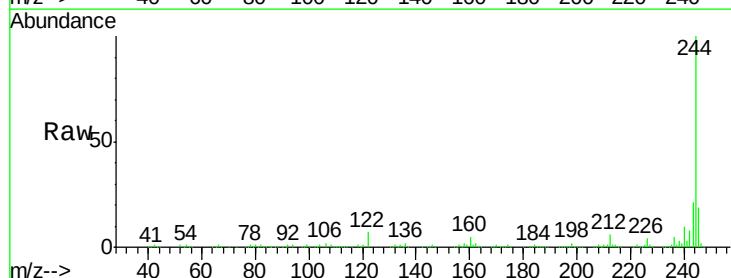


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

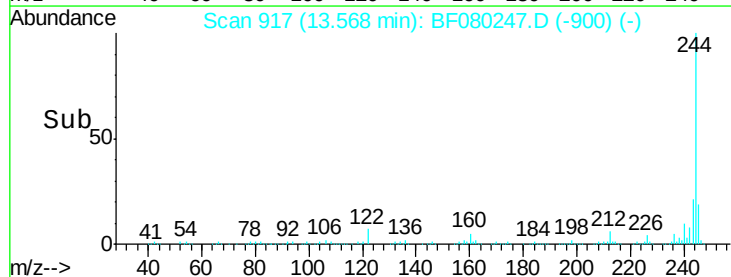
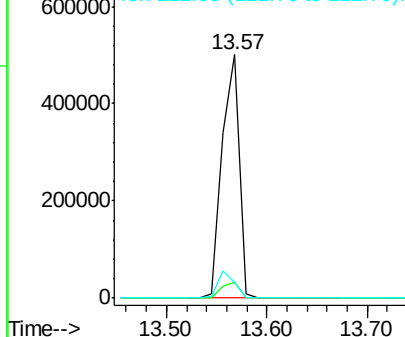


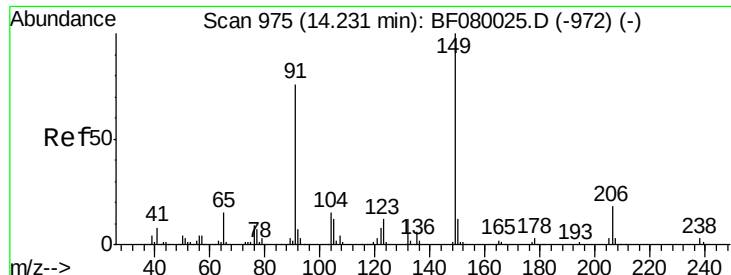
#78
 Terphenyl-d14
 Concen: 75.69 ng
 RT: 13.57 min Scan# 917
 Delta R.T. -0.10 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Tgt Ion: 244 Resp: 592358
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.3 6.5
 122 6.7 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

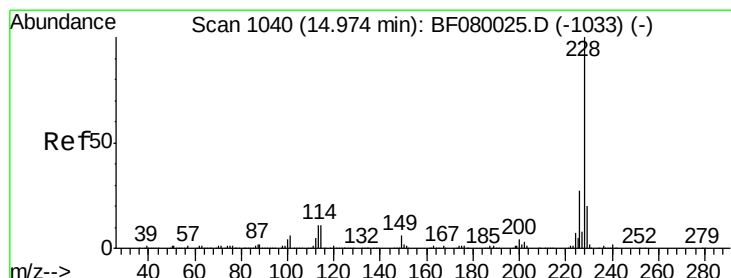
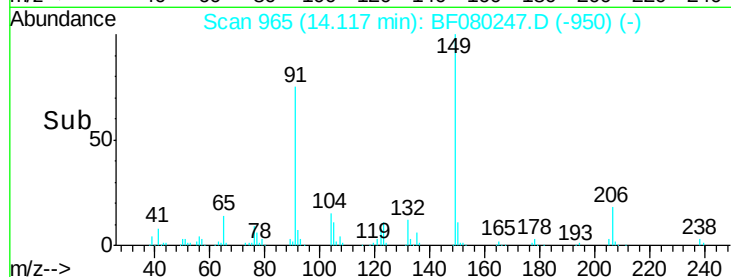
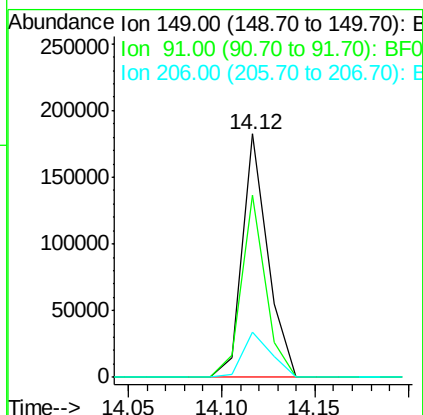
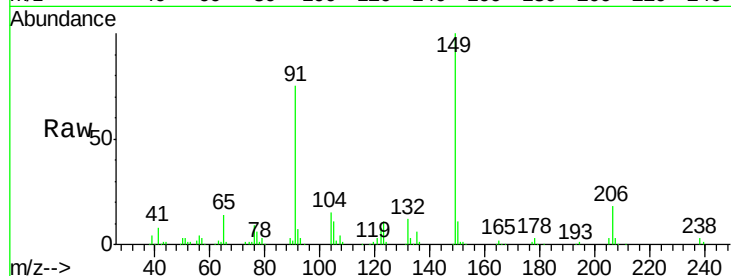




#79
Butylbenzylphthalate
Concen: 38.28 ng
RT: 14.12 min Scan# 965
Delta R.T. -0.13 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

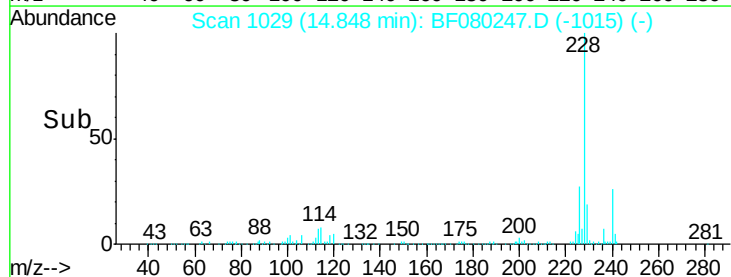
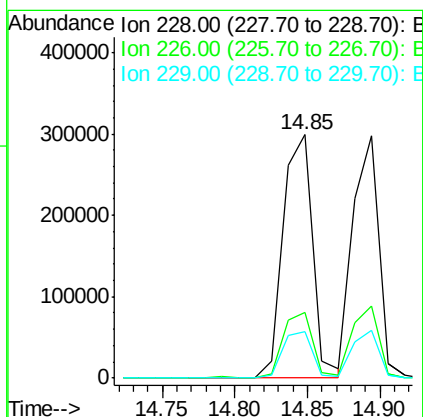
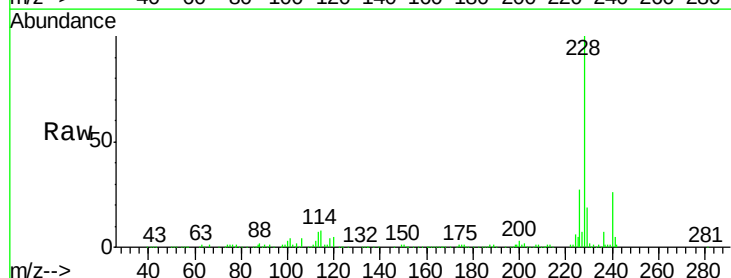
Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MS

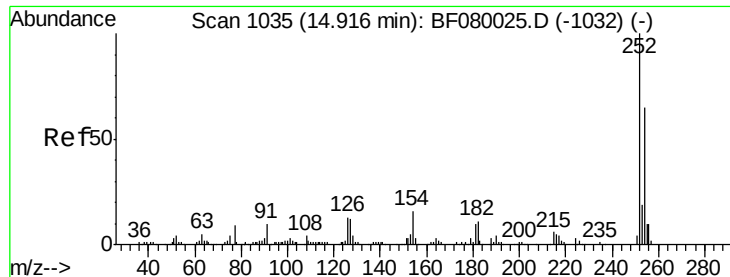
Tgt Ion:149 Resp: 172998
Ion Ratio Lower Upper
149 100
91 74.6 48.6 72.8#
206 18.4 14.9 22.3



#80
Benzo(a)anthracene
Concen: 37.80 ng
RT: 14.85 min Scan# 1029
Delta R.T. -0.14 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Tgt Ion:228 Resp: 420842
Ion Ratio Lower Upper
228 100
226 27.2 20.0 30.0
229 19.0 15.4 23.2

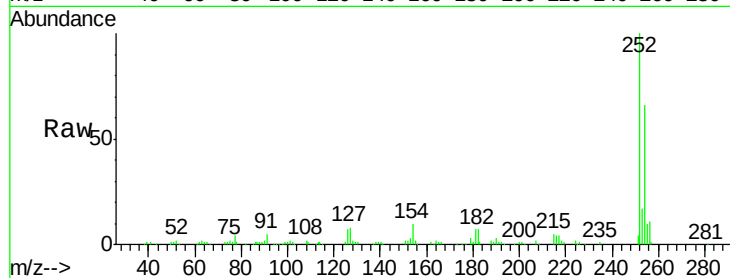




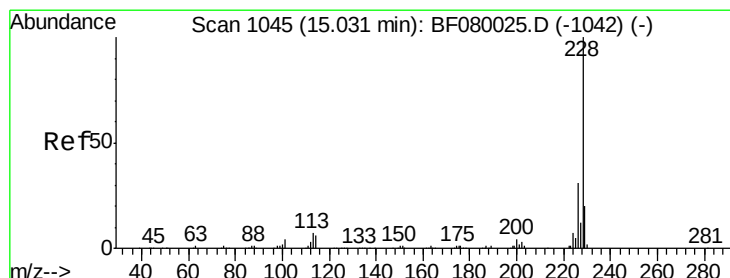
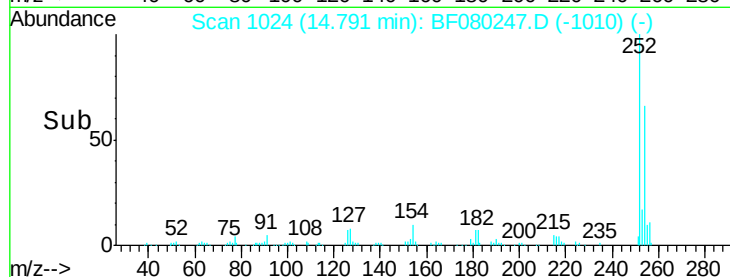
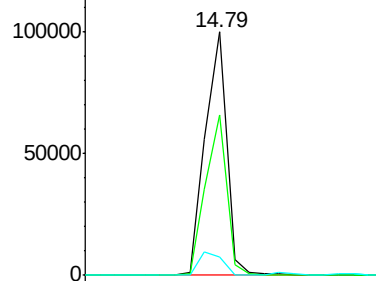
#81
 3,3'-Dichlorobenzidine
 Concen: 29.59 ng
 RT: 14.79 min Scan# 1024
 Delta R.T. -0.14 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.4	77.2
126	7.4	16.4	24.6#

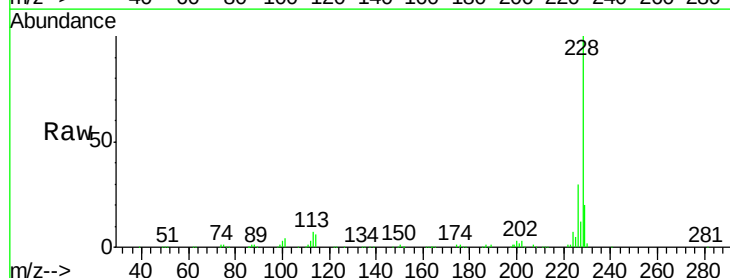


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

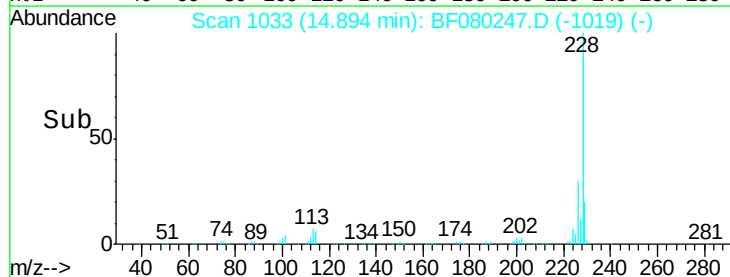
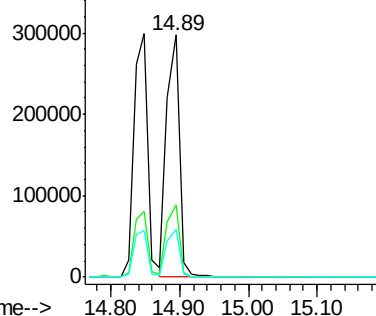


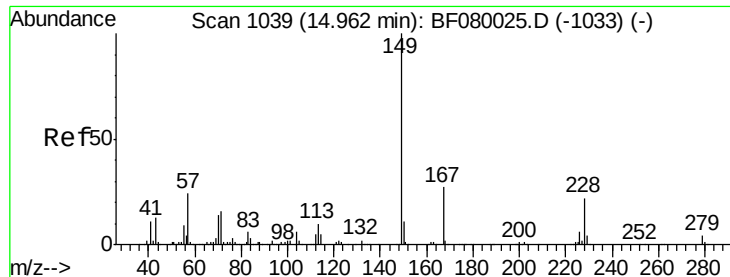
#82
 Chrysene
 Concen: 36.69 ng
 RT: 14.89 min Scan# 1033
 Delta R.T. -0.14 min
 Lab File: BF080247.D
 Acq: 30 Jun 2015 20:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.0	31.4
229	19.6	15.6	23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.37 ng

RT: 14.83 min Scan# 1027

Delta R.T. -0.14 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

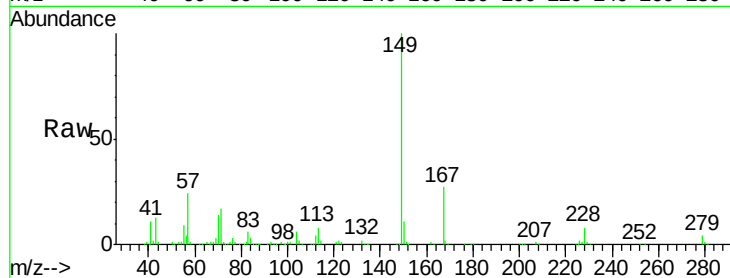
Tgt Ion:149 Resp: 274043

Ion Ratio Lower Upper

149 100

167 26.7 24.2 36.2

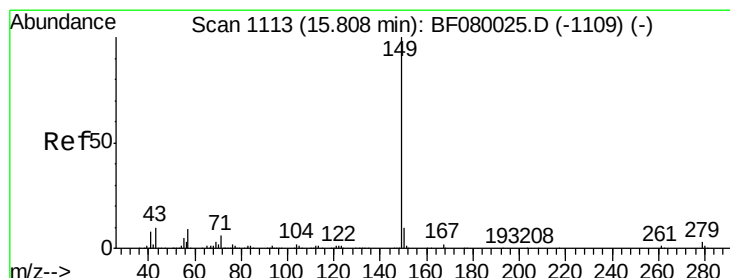
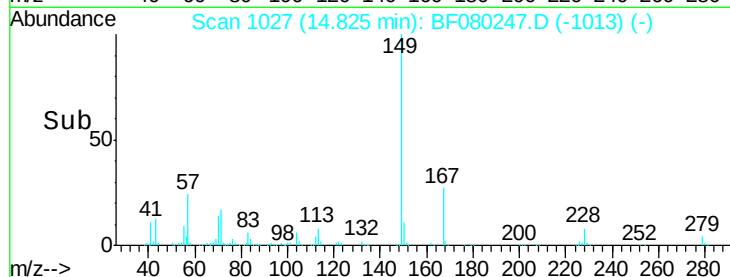
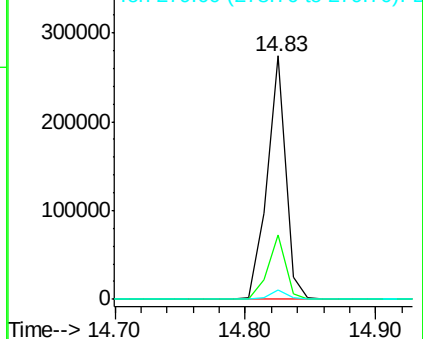
279 3.6 3.8 5.6#



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: 36.16 ng

RT: 15.64 min Scan# 1098

Delta R.T. -0.18 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

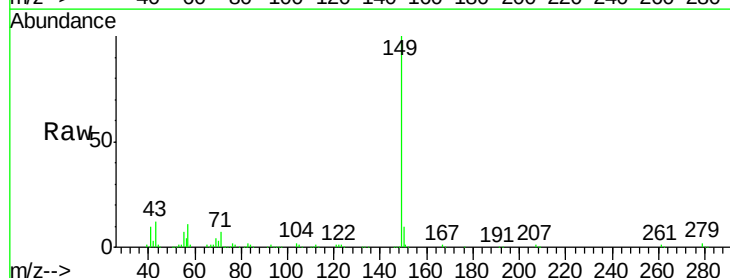
Tgt Ion:149 Resp: 442530

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

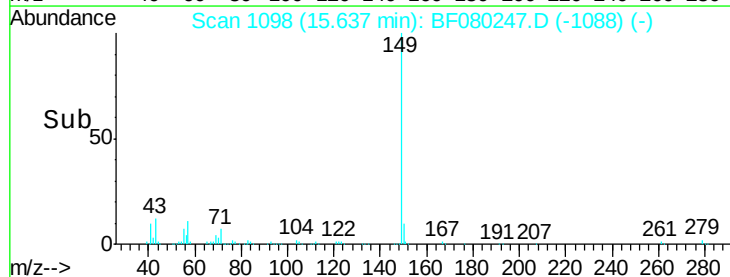
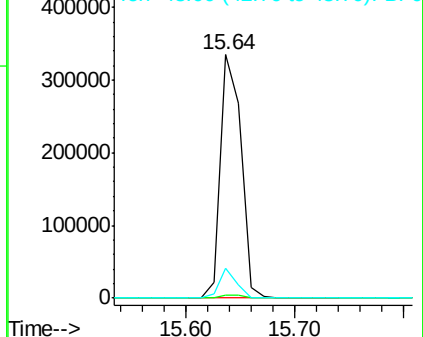
43 10.9 10.2 15.2

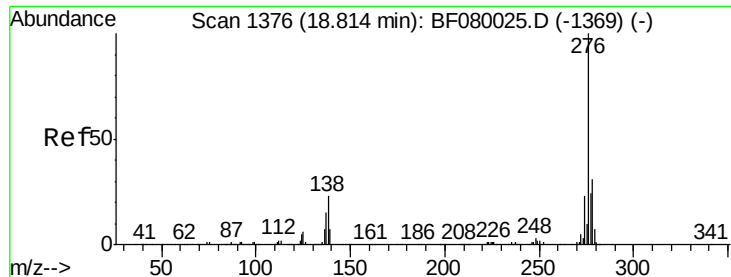


Abundance Ion 149.00 (148.70 to 149.70): E

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: 33.45 ng

RT: 18.55 min Scan# 1353

Delta R.T. -0.24 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

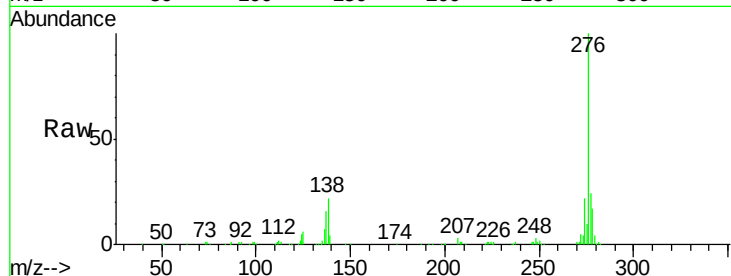
Tgt Ion:276 Resp: 433044

Ion Ratio Lower Upper

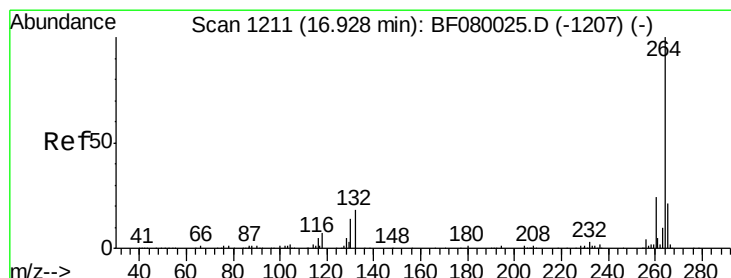
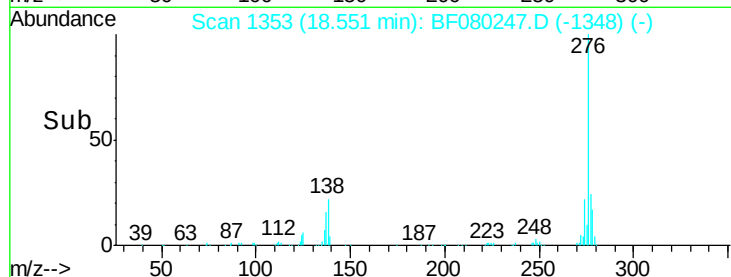
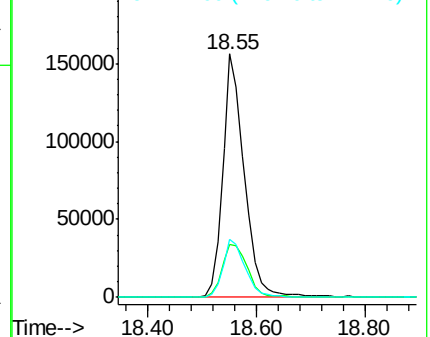
276 100

138 25.9 25.7 38.5

277 24.7 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: 16.73 min Scan# 1194

Delta R.T. -0.19 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

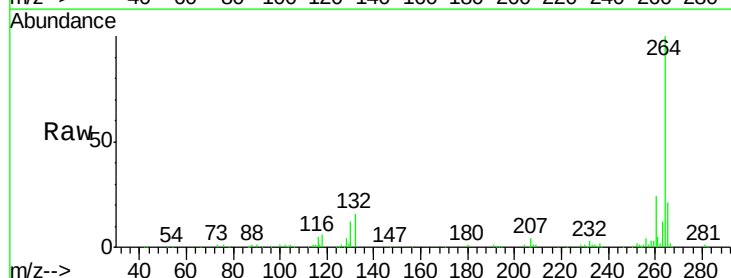
Tgt Ion:264 Resp: 180040

Ion Ratio Lower Upper

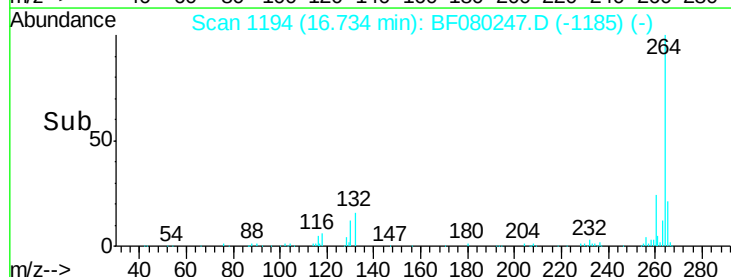
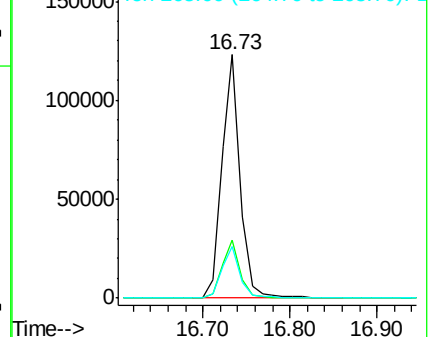
264 100

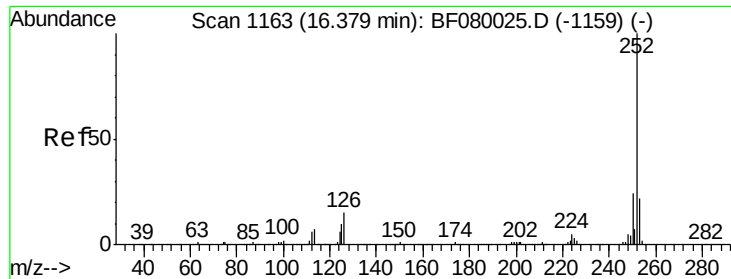
260 23.9 16.7 25.1

265 21.4 17.2 25.8



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

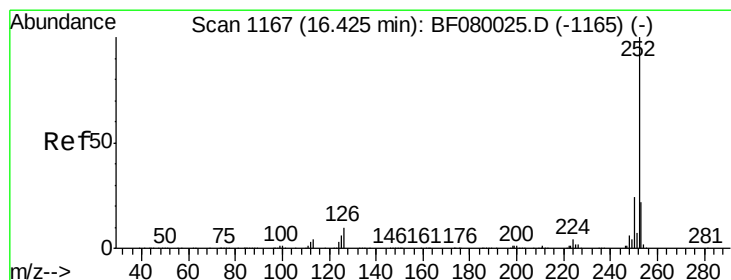
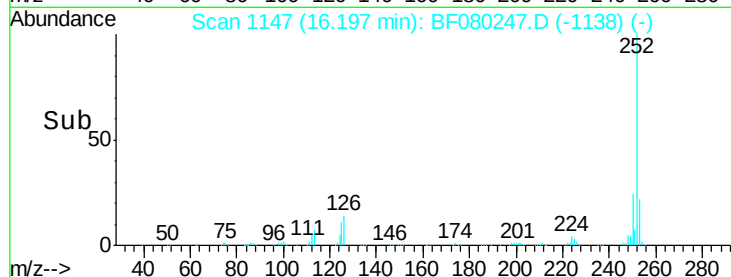
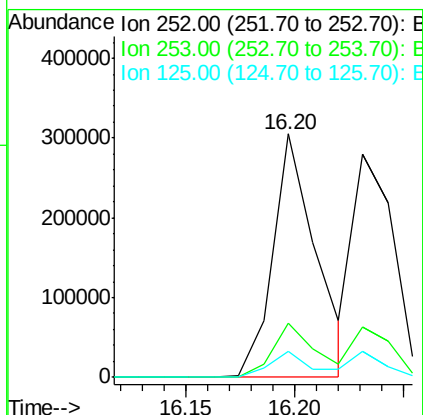
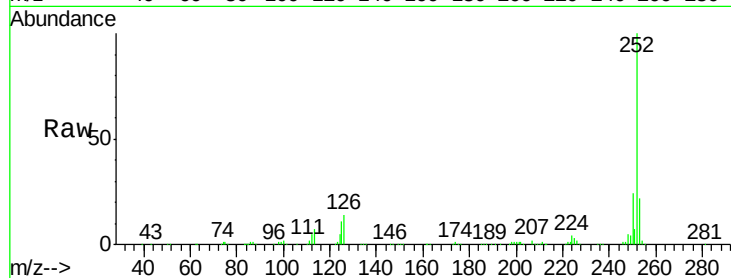




#87
Benzo(b)fluoranthene
Concen: 39.06 ng
RT: 16.20 min Scan# 1147
Delta R.T. -0.19 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

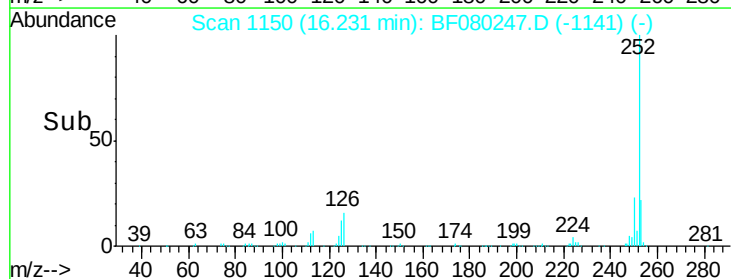
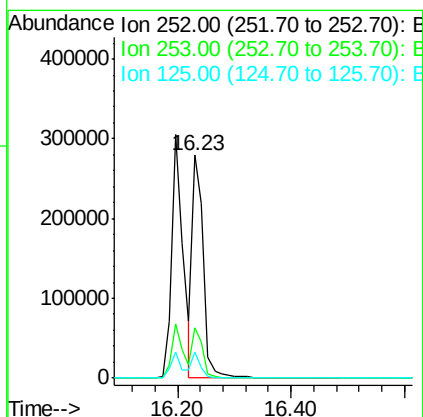
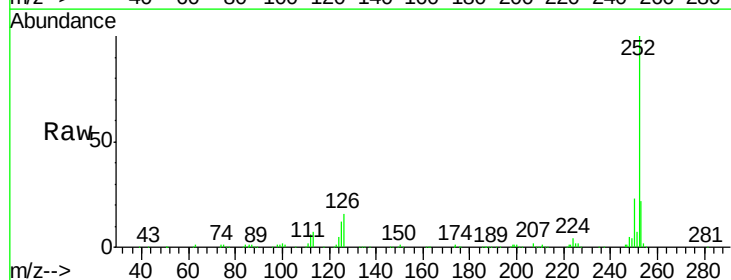
Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MS

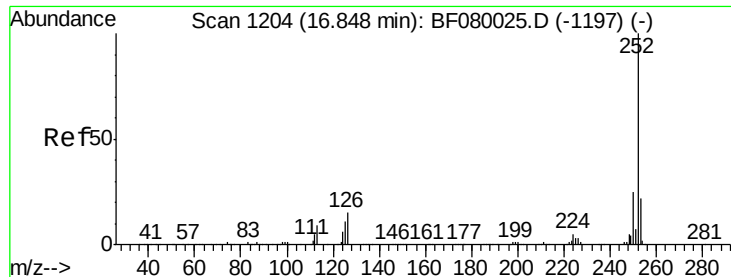
Tgt Ion:252 Resp: 425754
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.6 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 33.97 ng
RT: 16.23 min Scan# 1150
Delta R.T. -0.19 min
Lab File: BF080247.D
Acq: 30 Jun 2015 20:28

Tgt Ion:252 Resp: 377047
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.4
125 11.8 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 37.90 ng

RT: 16.65 min Scan# 1187

Delta R.T. -0.19 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS

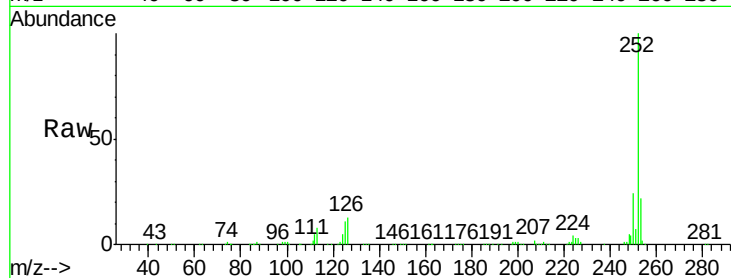
Tgt Ion:252 Resp: 392336

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

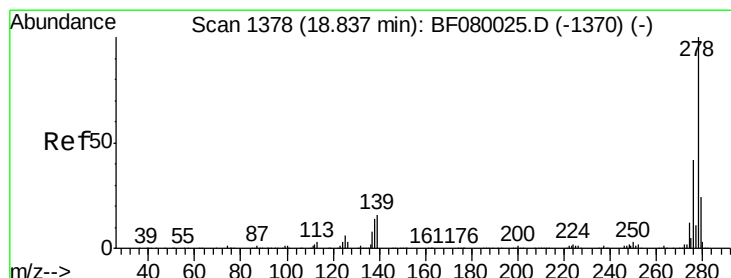
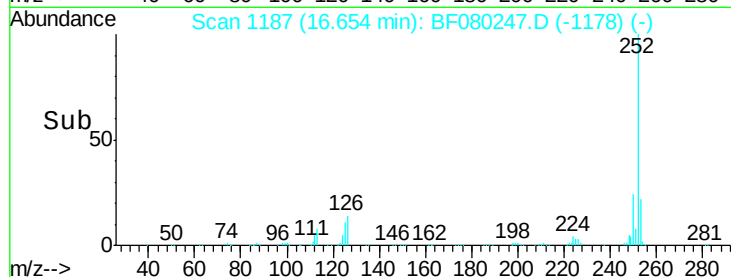
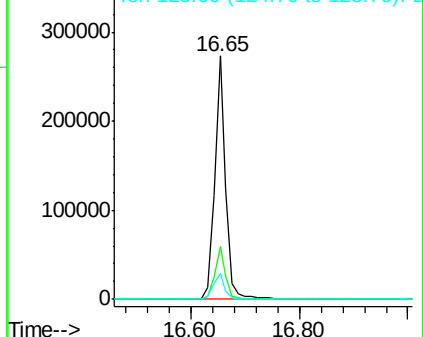
125 10.5 18.0 27.0#



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: 34.53 ng

RT: 18.57 min Scan# 1355

Delta R.T. -0.24 min

Lab File: BF080247.D

Acq: 30 Jun 2015 20:28

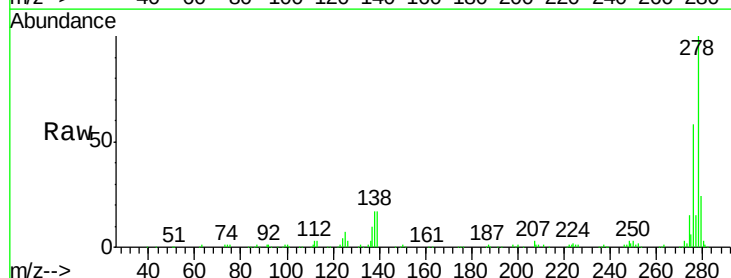
Tgt Ion:278 Resp: 365923

Ion Ratio Lower Upper

278 100

139 17.4 26.3 39.5#

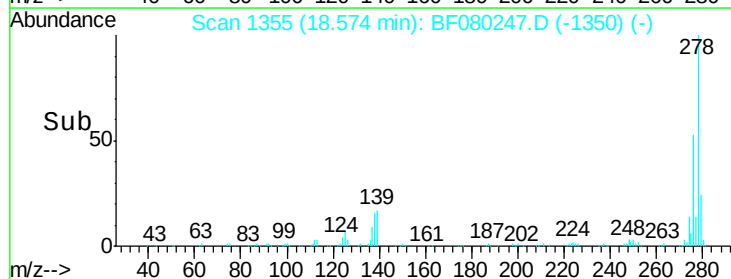
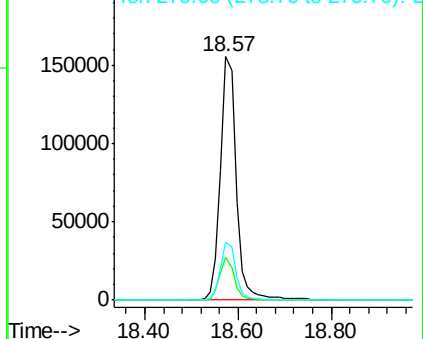
279 23.7 18.2 27.4

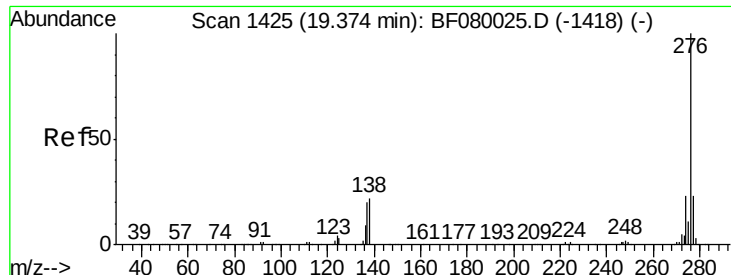


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.90 ng

RT: 19.10 min Scan# 1401

Delta R.T. -0.25 min

Lab File: BF080247.D

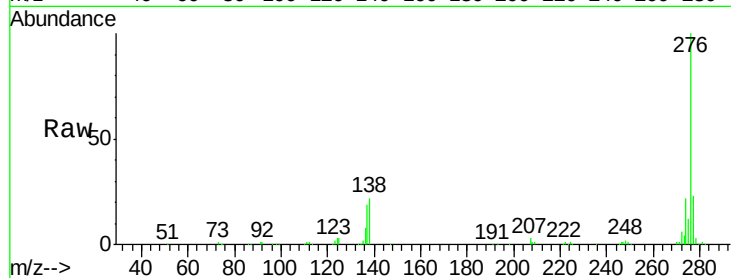
Acq: 30 Jun 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MS



Tgt Ion:	276	Resp:	362699
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.8	26.6
138	22.2	34.6	51.8#

