

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
 Data File : BF080478.D
 Acq On : 15 Jul 2015 6:55
 Operator : TP/UM
 Sample : PB84447BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Quant Time: Jul 15 08:14:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	17259	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	74559	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	37335	20.00	ng	-0.01
63) Phenanthrene-d10	11.67	188	84228	20.00	ng	0.00
75) Chrysene-d12	14.56	240	99763	20.00	ng	0.08
86) Perylene-d12	16.35	264	109720	20.00	ng	0.13

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	132553	125.53	ng	0.00
7) Phenol-d6	6.76	99	170303	131.80	ng	-0.01
23) Nitrobenzene-d5	7.69	82	108135	79.39	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	44107	124.99	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	210568	77.27	ng	0.00
78) Terphenyl-d14	13.31	244	271004	65.48	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	14770	34.73	ng	# 83
3) Pyridine	3.85	79	29404	30.49	ng	98
4) n-Nitrosodimethylamine	3.68	42	21104	37.57	ng	100
6) Aniline	6.80	93	41559	22.16	ng	# 92
8) 2-Chlorophenol	6.92	128	44885	40.52	ng	94
9) Benzaldehyde	6.68	77	11728	14.86	ng	92
10) Phenol	6.78	94	56779	38.11	ng	95
11) bis(2-Chloroethyl)ether	6.85	93	42983	37.96	ng	99
12) 1,3-Dichlorobenzene	7.06	146	46683	36.14	ng	# 89
13) 1,4-Dichlorobenzene	7.14	146	53150	37.85	ng	96
14) 1,2-Dichlorobenzene	7.30	146	51099	37.64	ng	98
15) Benzyl Alcohol	7.28	79	37137	40.16	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	74693	40.69	ng	81
17) 2-Methylphenol	7.39	107	35536	39.64	ng	93
18) Hexachloroethane	7.64	117	17260	37.31	ng	92
19) n-Nitroso-di-n-propylamine	7.53	70	32211	36.80	ng	98
20) 3+4-Methylphenols	7.54	107	53445	42.07	ng	91
22) Acetophenone	7.53	105	64359	36.79	ng	# 96
24) Nitrobenzene	7.71	77	50605	33.71	ng	96
25) Isophorone	7.94	82	98625	39.22	ng	97
26) 2-Nitrophenol	8.03	139	22993	35.30	ng	97
27) 2,4-Dimethylphenol	8.06	122	45130	37.78	ng	98
28) bis(2-Chloroethoxy)methane	8.14	93	53974	38.16	ng	99
29) 2,4-Dichlorophenol	8.27	162	40989	39.36	ng	93
30) 1,2,4-Trichlorobenzene	8.35	180	44945	34.68	ng	99
31) Naphthalene	8.43	128	141172	36.60	ng	99
32) Benzoic acid	8.16	122	22796	41.99	ng	99
33) 4-Chloroaniline	8.49	127	25092	16.34	ng	95
34) Hexachlorobutadiene	8.54	225	23784	36.23	ng	99
35) Caprolactam	8.83	113	11201	41.68	ng	# 57
36) 4-Chloro-3-methylphenol	8.97	107	39429	38.67	ng	# 74
37) 2-Methylnaphthalene	9.13	142	92807	35.32	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	42240	34.10	ng	99
40) Hexachlorocyclopentadiene	9.28	237	43471	67.23	ng	93

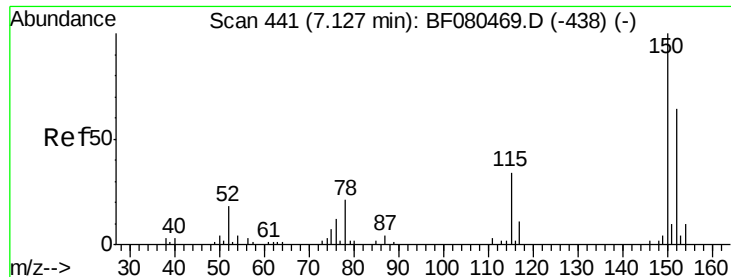
Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	26951	34.99	ng	100
43) 2,4,5-Trichlorophenol	9.46	196	28546	36.78	ng	96
45) 1,1'-Biphenyl	9.58	154	115812	36.04	ng	98
46) 2-Chloronaphthalene	9.62	162	93769	35.53	ng	97
47) 2-Nitroaniline	9.72	65	28656	37.64	ng	94
48) Acenaphthylene	10.03	152	145213	36.38	ng	99
49) Dimethylphthalate	9.88	163	113920	38.55	ng	100
50) 2,6-Dinitrotoluene	9.95	165	24568	38.62	ng	90
51) Acenaphthene	10.20	154	99442	40.96	ng	98
52) 3-Nitroaniline	10.13	138	16033	23.42	ng	97
53) 2,4-Dinitrophenol	10.24	184	21732	77.26	ng	87
54) Dibenzofuran	10.37	168	131135	38.29	ng	98
55) 4-Nitrophenol	10.30	139	39336	77.84	ng	# 84
56) 2,4-Dinitrotoluene	10.35	165	28727	39.86	ng	# 16
57) Fluorene	10.72	166	104848	38.08	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.50	232	24586	39.12	ng	98
59) Diethylphthalate	10.58	149	113385	38.77	ng	99
60) 4-Chlorophenyl-phenylether	10.70	204	50890	39.41	ng	96
61) 4-Nitroaniline	10.75	138	24160	38.89	ng	96
62) Azobenzene	10.86	77	113947	40.77	ng	99
64) 4,6-Dinitro-2-methylphenol	10.76	198	15541	37.38	ng	93
65) n-Nitrosodiphenylamine	10.83	169	92019	33.64	ng	99
66) 4-Bromophenyl-phenylether	11.20	248	27704	32.99	ng	96
67) Hexachlorobenzene	11.28	284	31915	34.92	ng	98
68) Atrazine	11.34	200	29398	36.88	ng	99
69) Pentachlorophenol	11.47	266	33180	78.80	ng	97
70) Phenanthrene	11.69	178	173479	35.44	ng	99
71) Anthracene	11.75	178	164391	35.72	ng	100
72) Carbazole	11.91	167	157524	37.78	ng	99
73) Di-n-butylphthalate	12.21	149	181635	41.06	ng	# 97
74) Fluoranthene	12.92	202	194369	40.26	ng	98
76) Benzidine	13.06	184	77077	26.07	ng	100
77) Pyrene	13.17	202	201733	34.35	ng	100
79) Butylbenzylphthalate	13.85	149	80214	37.39	ng	91
80) Benzo(a)anthracene	14.55	228	208364	35.84	ng	99
81) 3,3'-Dichlorobenzidine	14.50	252	44007	23.95	ng	99
82) Chrysene	14.59	228	203072	36.54	ng	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	118308	37.96	ng	# 97
84) Di-n-octyl phthalate	15.30	149	215726	38.54	ng	99
85) Indeno(1,2,3-cd)pyrene	18.00	276	264891	32.24	ng	100
87) Benzo(b)fluoranthene	15.86	252	220398	35.16	ng	98
88) Benzo(k)fluoranthene	15.86	252	220398	36.40	ng	99
89) Benzo(a)pyrene	16.27	252	222872	36.10	ng	98
90) Dibenzo(a,h)anthracene	18.01	278	219868	31.40	ng	100
91) Benzo(g,h,i)perylene	18.50	276	222096	30.31	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

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BNA_F

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PB84447BS

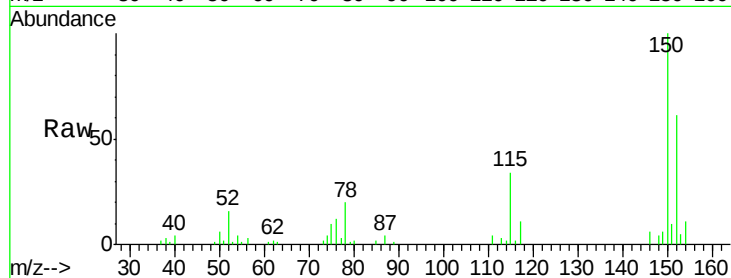
Tgt Ion:152 Resp: 17259

Ion Ratio Lower Upper

152 100

150 163.0 125.5 188.3

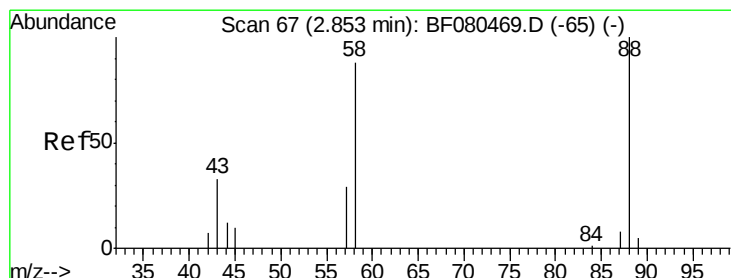
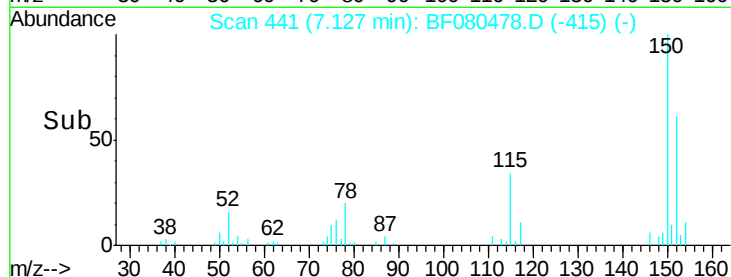
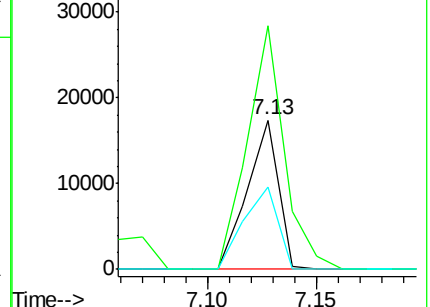
115 54.8 42.9 64.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.73 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.01 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

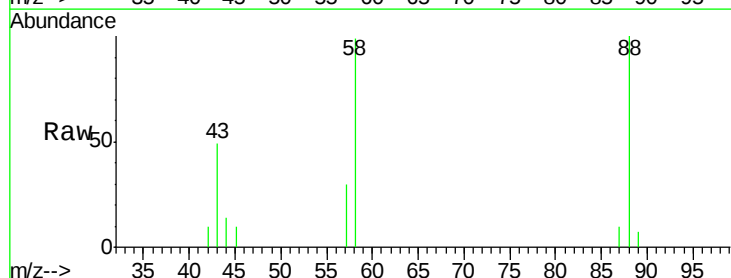
Tgt Ion: 88 Resp: 14770

Ion Ratio Lower Upper

88 100

58 97.1 67.3 100.9

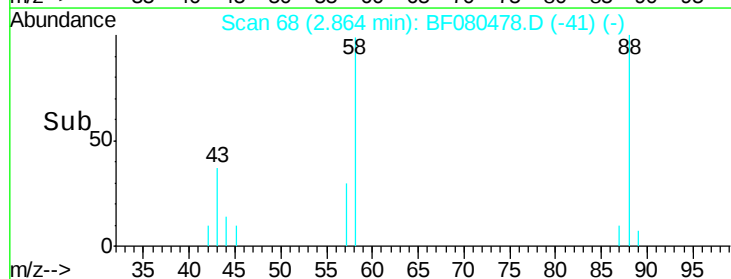
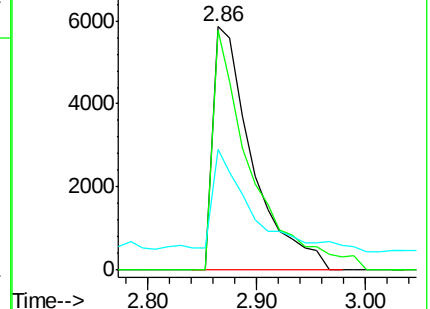
43 44.1 23.8 35.8#

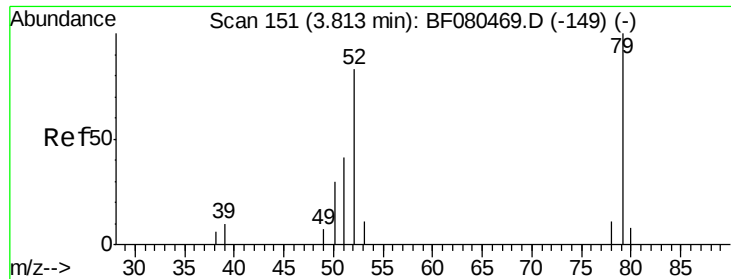


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.49 ng

RT: 3.85 min Scan# 154

Delta R.T. 0.04 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

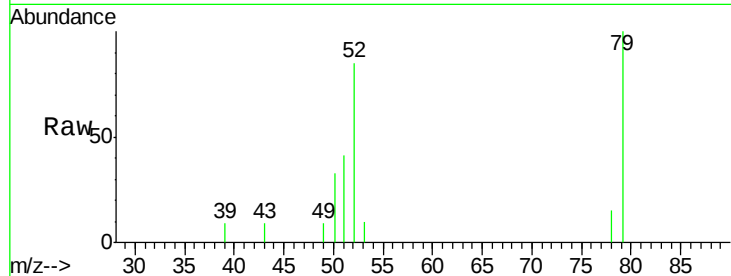
Tgt Ion: 79 Resp: 29404

Ion Ratio Lower Upper

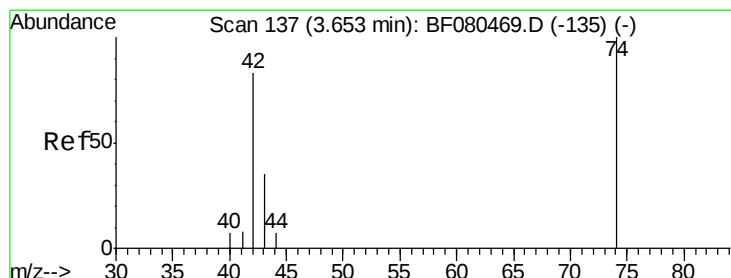
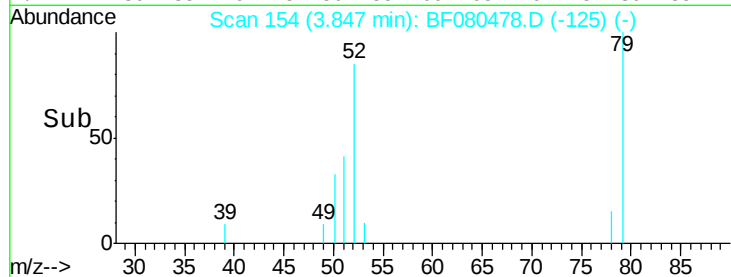
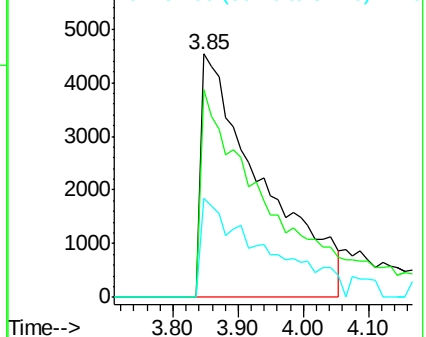
79 100

52 85.4 66.6 99.8

51 40.9 32.5 48.7



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.57 ng

RT: 3.68 min Scan# 139

Delta R.T. 0.02 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

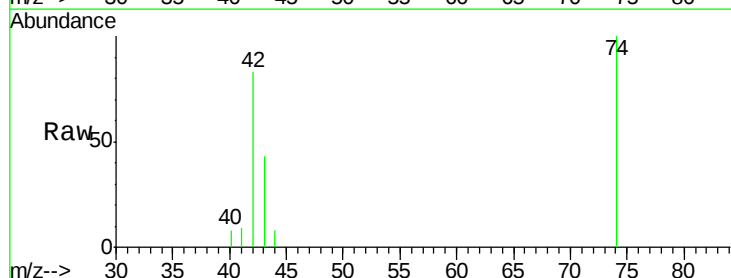
Tgt Ion: 42 Resp: 21104

Ion Ratio Lower Upper

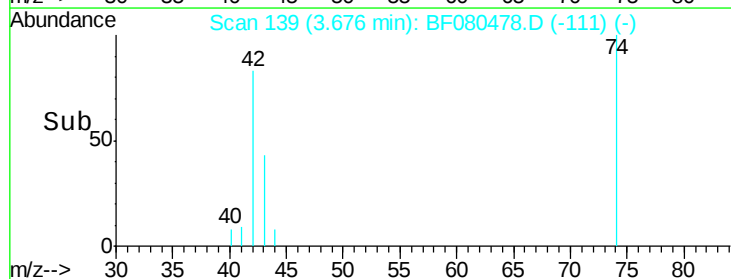
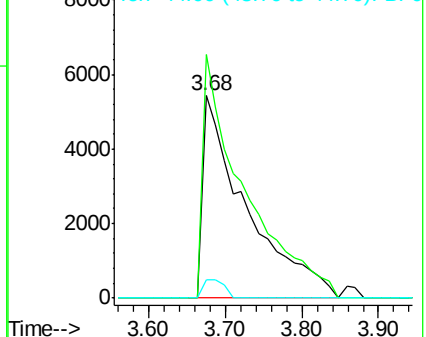
42 100

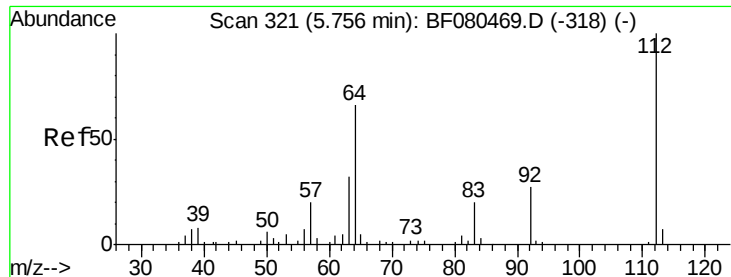
74 120.2 96.6 144.8

44 9.1 7.0 10.4



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.53 ng

RT: 5.76 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

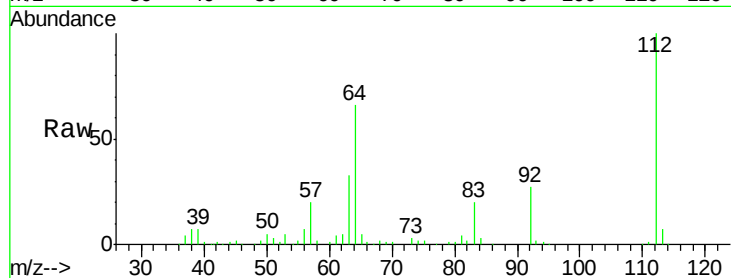
Instrument :

BNA_F

ClientSampleId :

PB84447BS

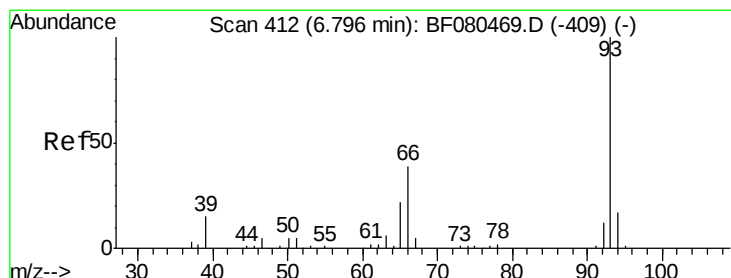
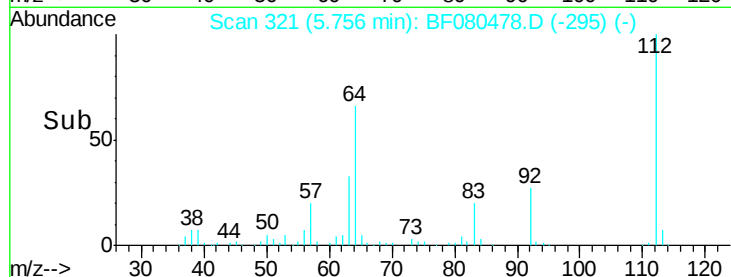
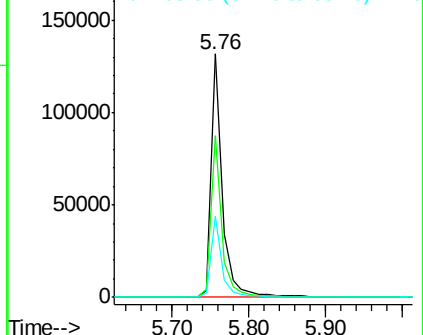
Tgt Ion:	112	Resp:	132553
Ion Ratio	Lower	Upper	
112	100		
64	66.4	52.6	79.0
63	33.3	25.9	38.9



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.16 ng

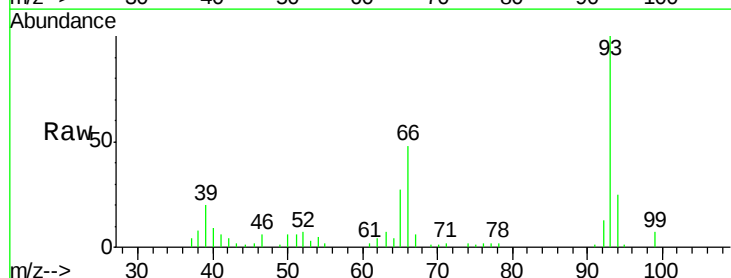
RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

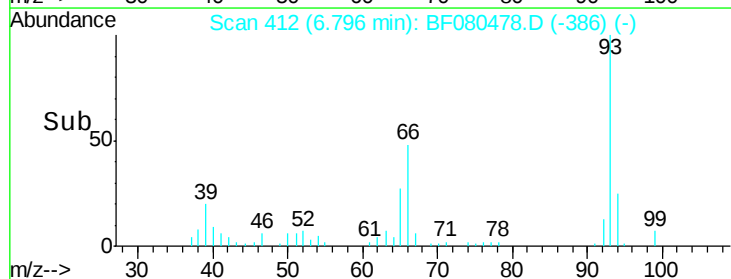
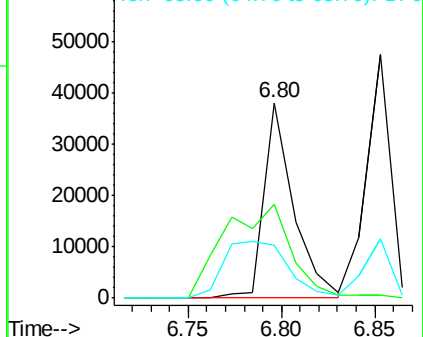
Tgt Ion:	93	Resp:	41559
Ion Ratio	Lower	Upper	
93	100		
66	47.8	34.5	51.7
65	27.3	18.2	27.2

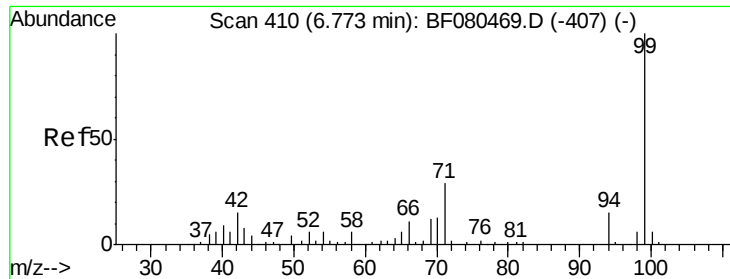


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.80 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

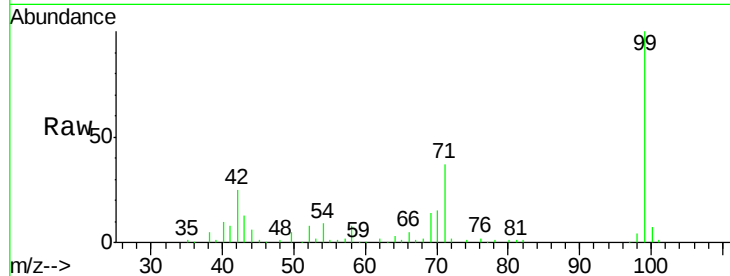
Tgt Ion: 99 Resp: 170303

Ion Ratio Lower Upper

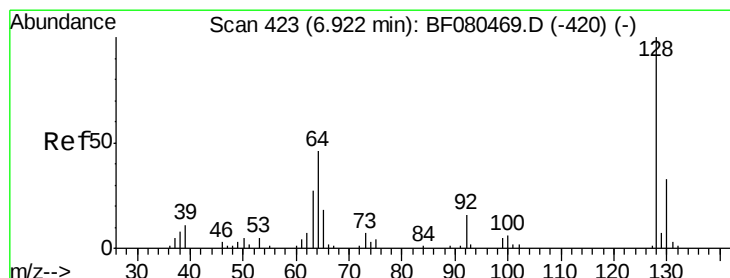
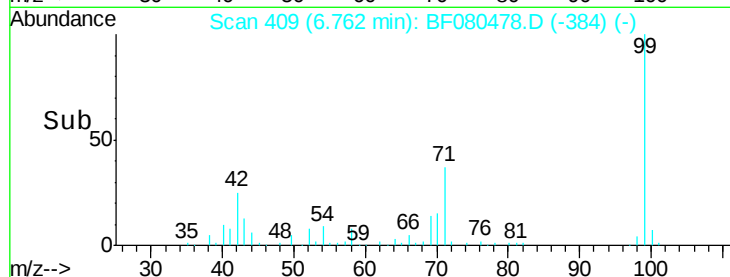
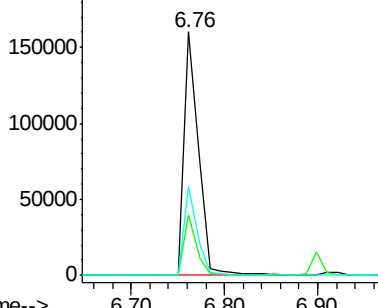
99 100

42 24.8 12.4 18.6#

71 36.6 22.9 34.3#



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



#8

2-Chlorophenol

Concen: 40.52 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

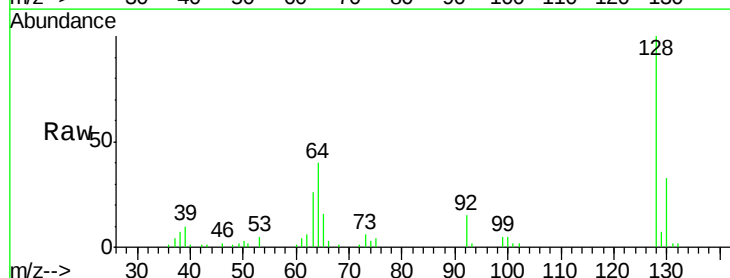
Tgt Ion: 128 Resp: 44885

Ion Ratio Lower Upper

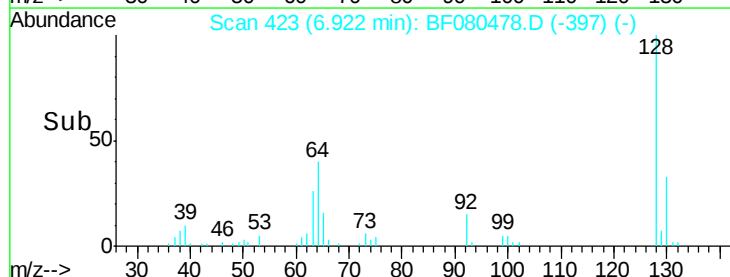
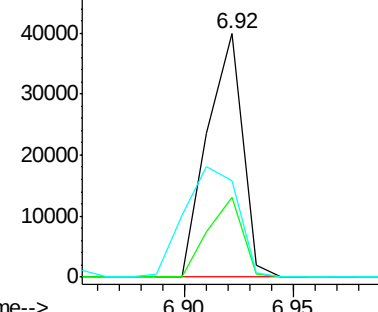
128 100

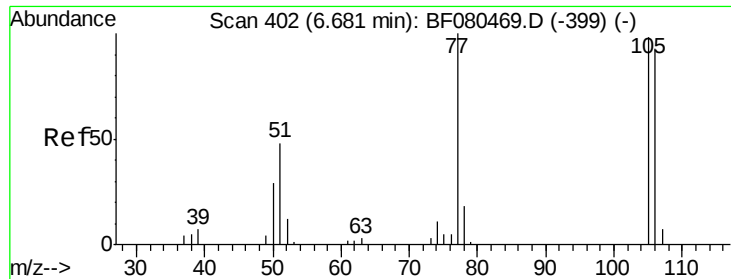
130 32.8 13.5 53.5

64 39.5 26.3 66.3



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: 14.86 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

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PB84447BS

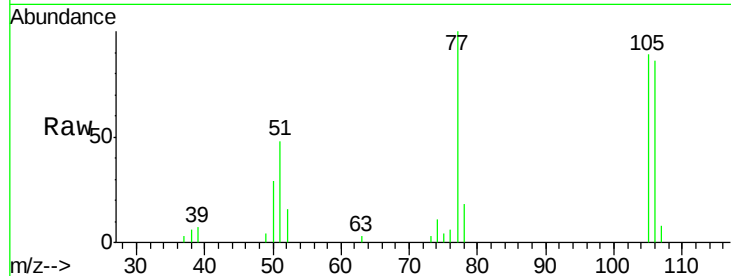
Tgt Ion: 77 Resp: 11728

Ion Ratio Lower Upper

77 100

105 89.3 77.7 117.7

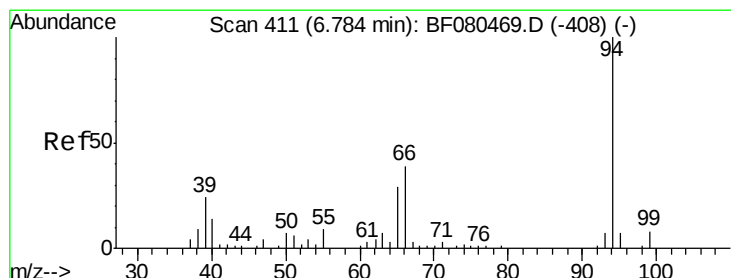
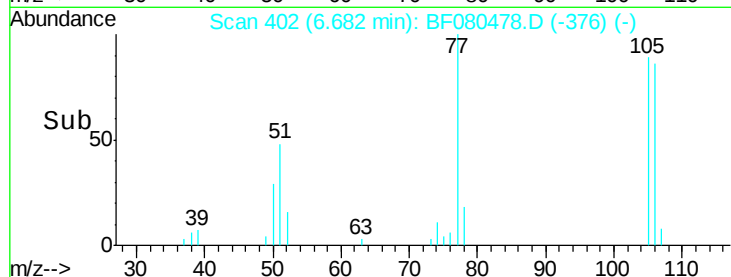
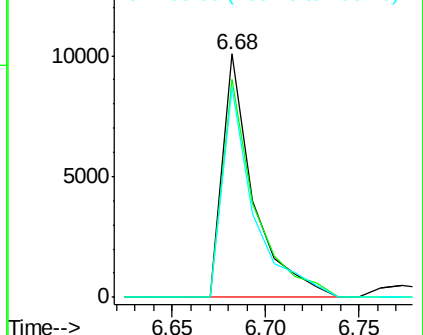
106 86.3 72.6 112.6



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: 38.11 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

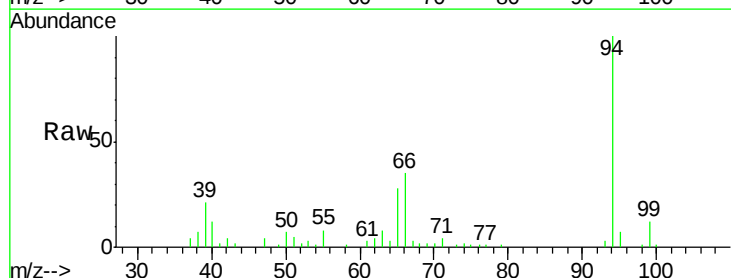
Tgt Ion: 94 Resp: 56779

Ion Ratio Lower Upper

94 100

65 28.2 9.3 49.3

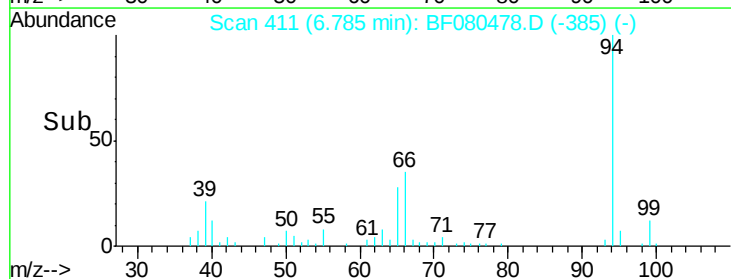
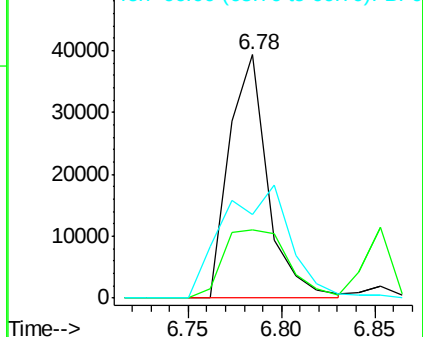
66 34.5 19.3 59.3

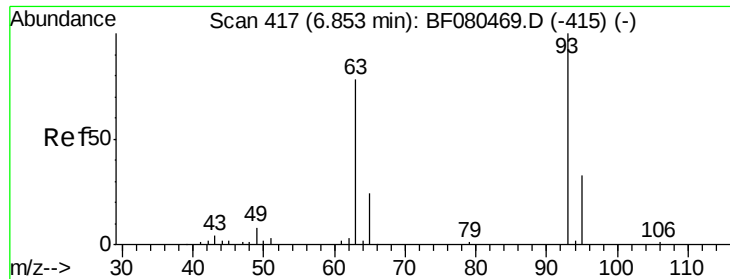


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

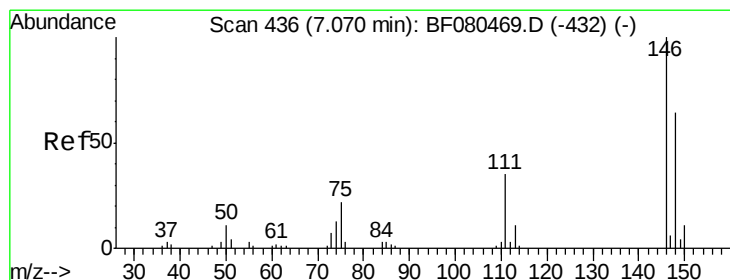
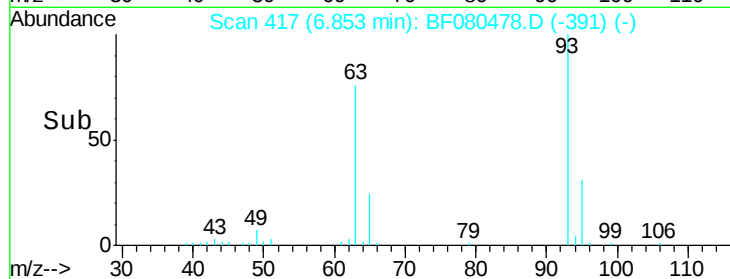
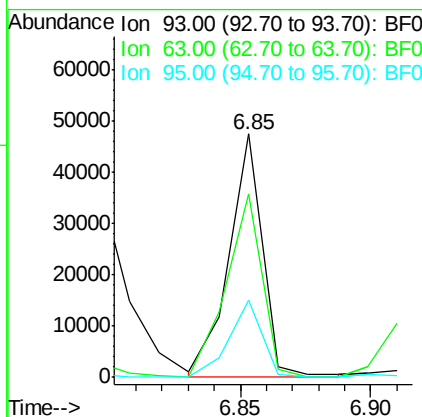
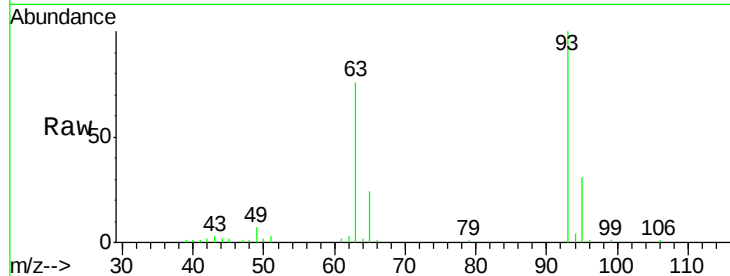




#11
 bis(2-Chloroethyl)ether
 Concen: 37.96 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

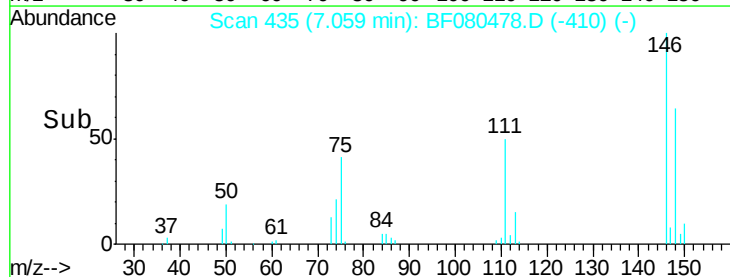
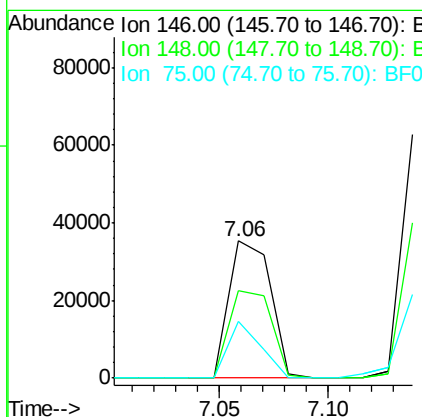
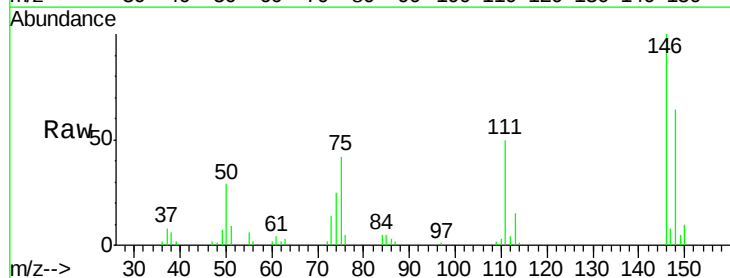
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

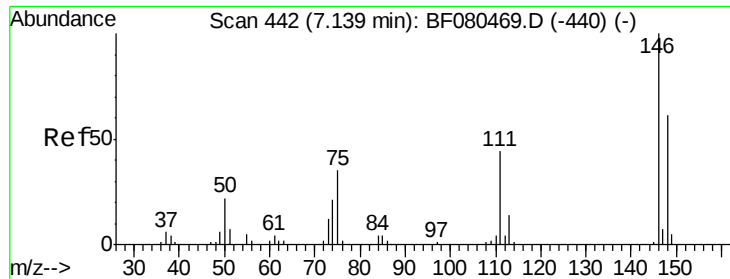
Tgt Ion: 93 Resp: 42983
 Ion Ratio Lower Upper
 93 100
 63 75.6 56.4 96.4
 95 31.5 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 36.14 ng
 RT: 7.06 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion: 146 Resp: 46683
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 75 41.8 17.3 25.9#

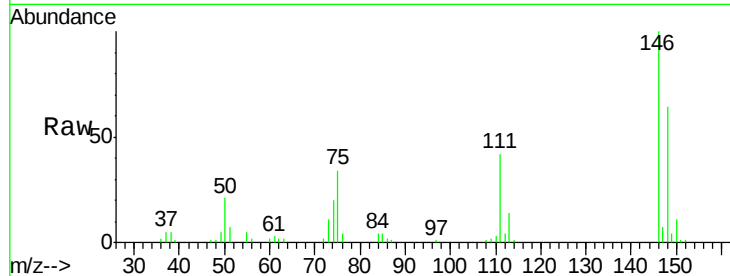




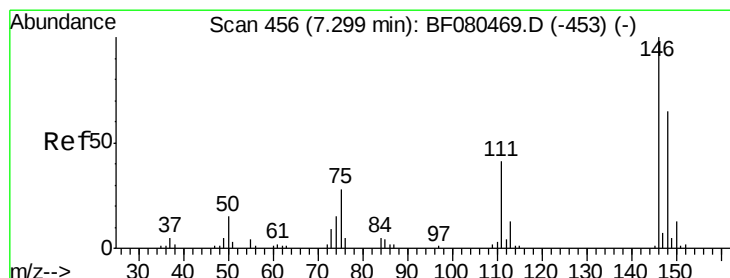
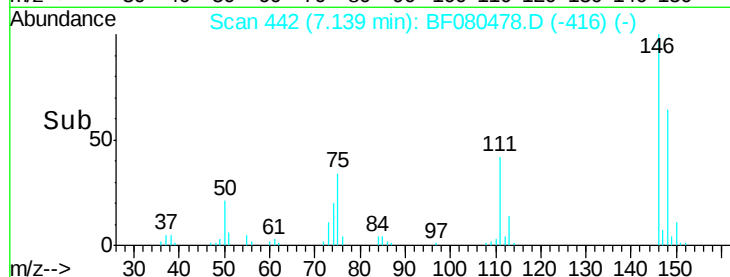
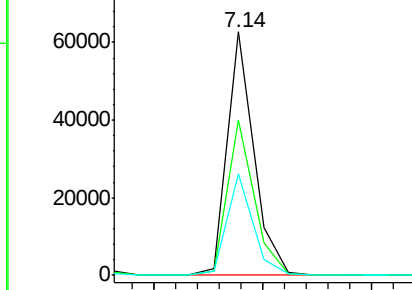
#13
 1,4-Dichlorobenzene
 Concen: 37.85 ng
 RT: 7.14 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion:146 Resp: 53150
 Ion Ratio Lower Upper
 146 100
 148 63.6 48.5 72.7
 111 41.6 35.0 52.4

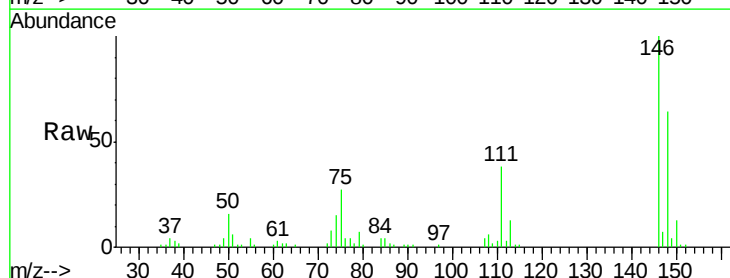


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

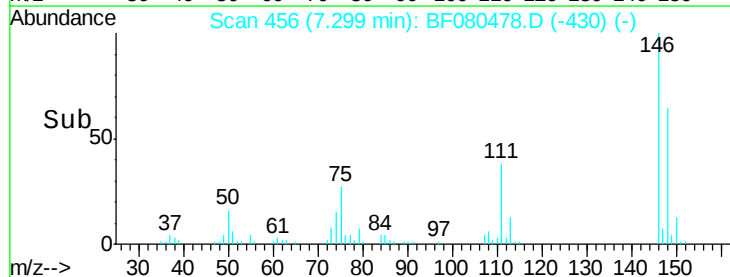
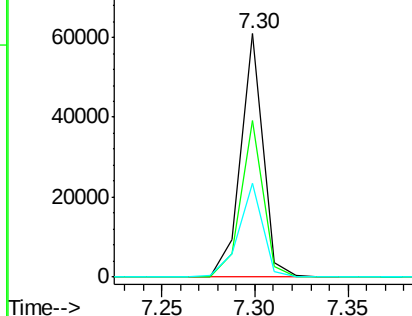


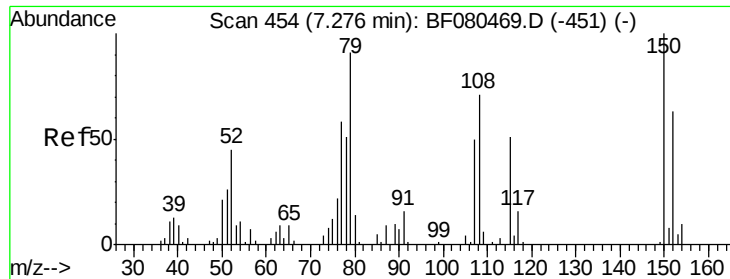
#14
 1,2-Dichlorobenzene
 Concen: 37.64 ng
 RT: 7.30 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion:146 Resp: 51099
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.7 77.5
 111 38.4 32.6 49.0



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





#15

Benzyl Alcohol

Concen: 40.16 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

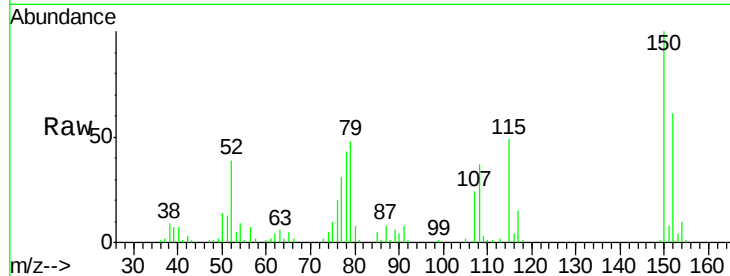
Tgt Ion: 79 Resp: 37137

Ion Ratio Lower Upper

79 100

108 76.9 63.0 94.4

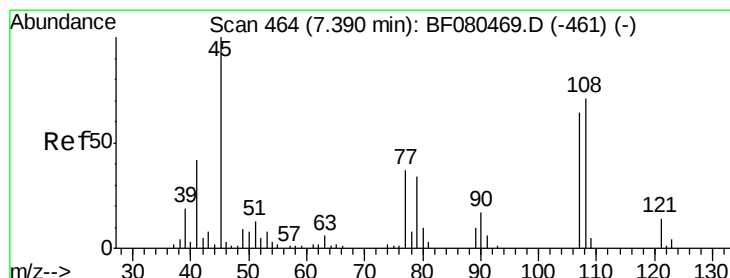
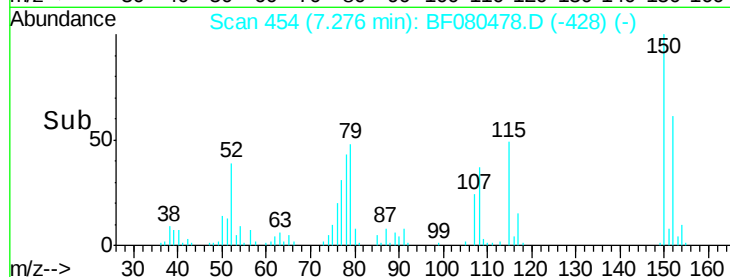
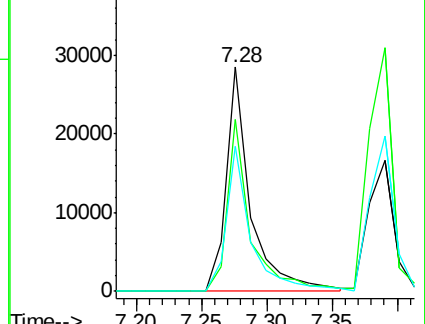
77 64.9 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.69 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

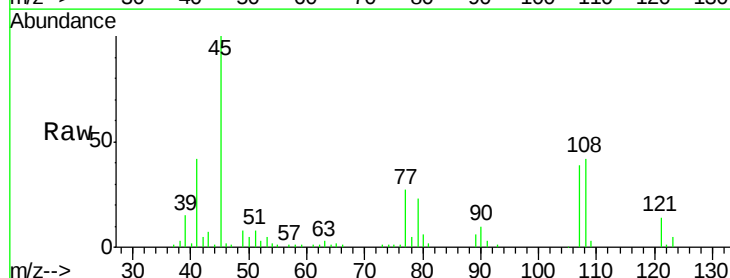
Tgt Ion: 45 Resp: 74693

Ion Ratio Lower Upper

45 100

77 27.2 17.4 57.4

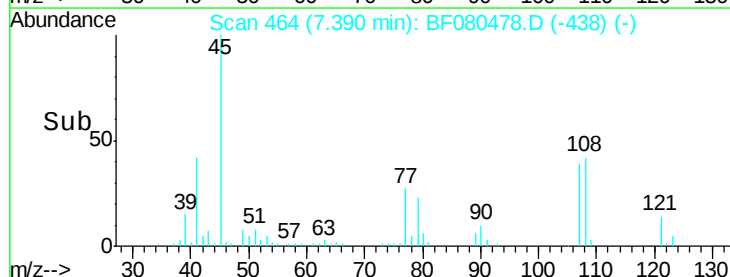
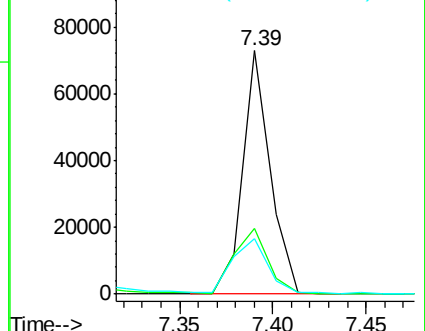
79 22.8 14.7 54.7

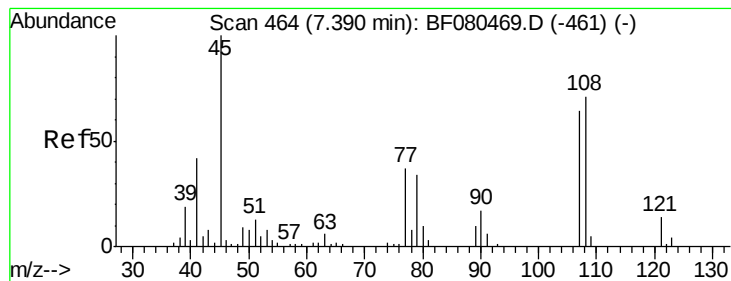


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.64 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

Tgt Ion:107 Resp: 35536

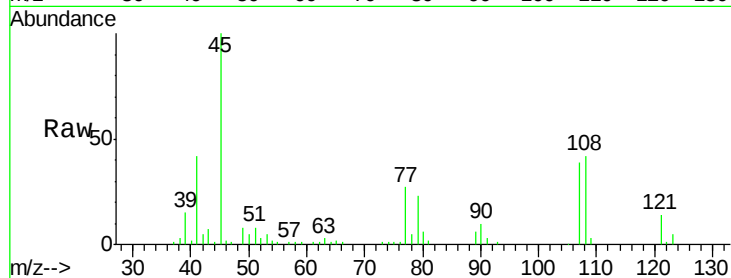
Ion Ratio Lower Upper

107 100

108 108.6 89.0 133.4

77 69.6 46.6 70.0

79 58.2 43.2 64.8

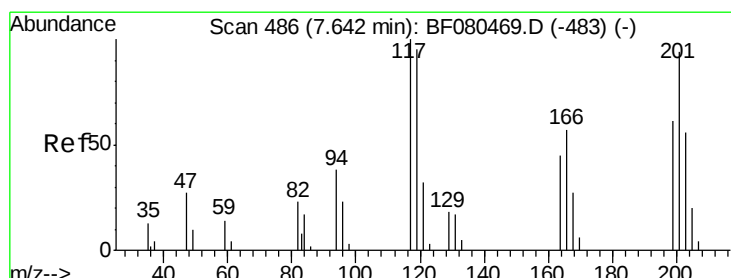
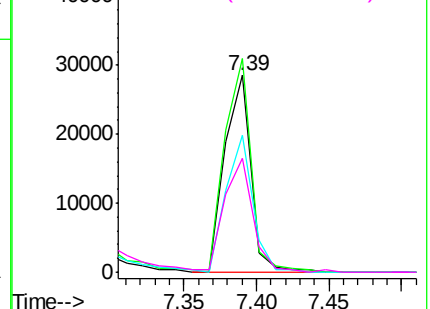
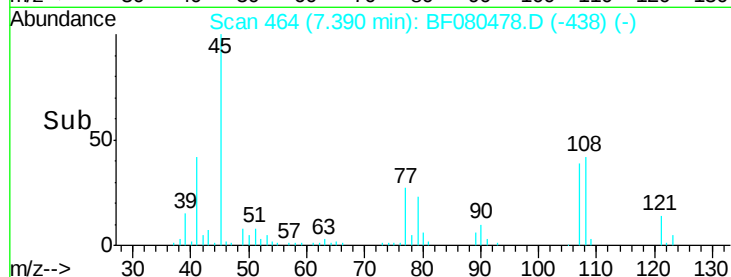


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.31 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

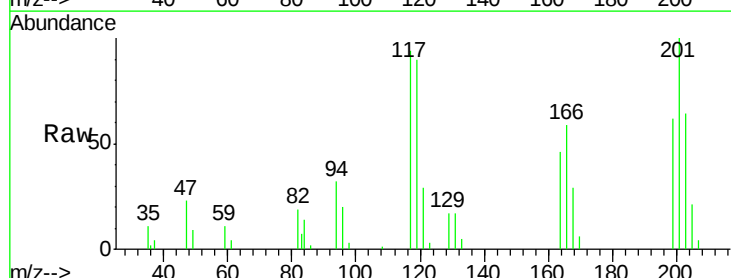
Tgt Ion:117 Resp: 17260

Ion Ratio Lower Upper

117 100

119 96.4 75.6 113.4

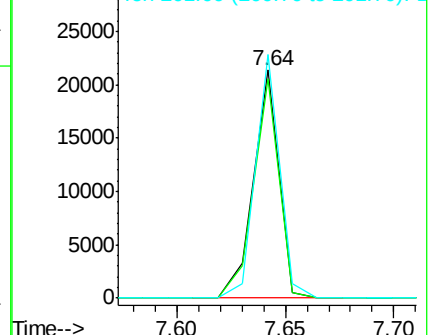
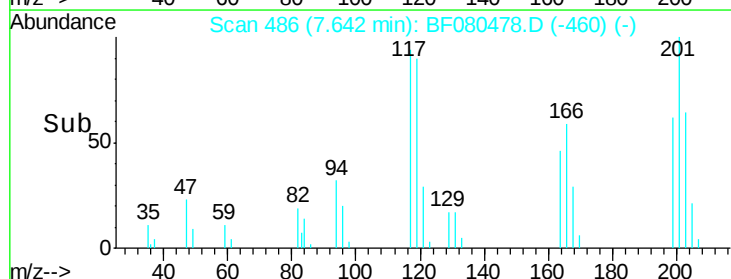
201 106.8 75.0 112.6

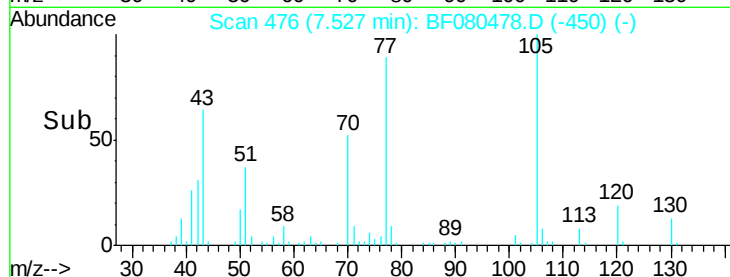
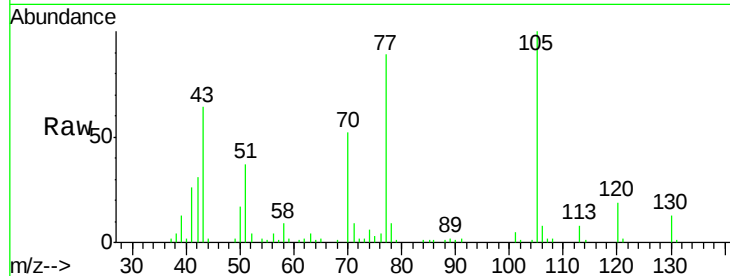
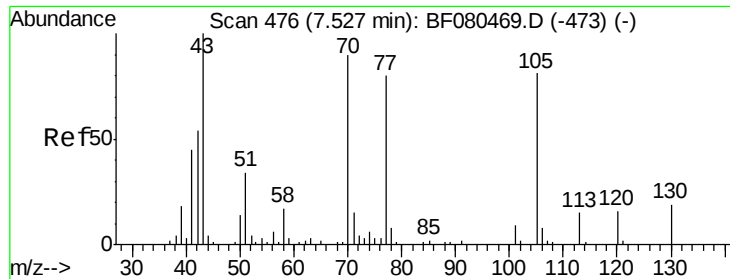


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

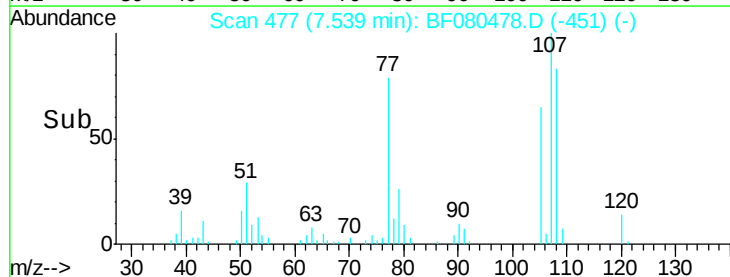
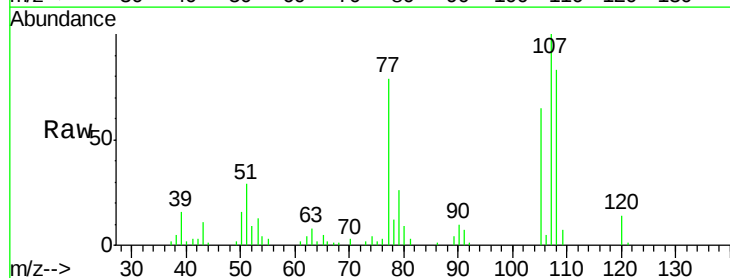
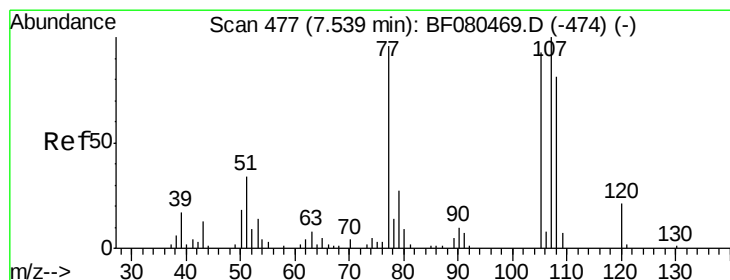
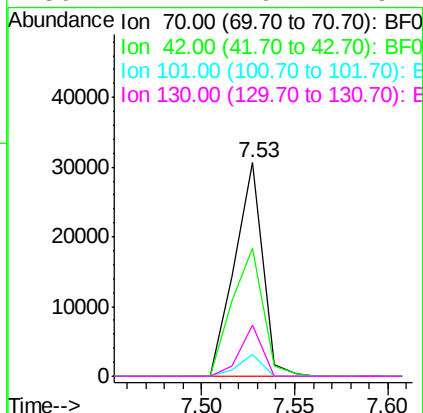




#19
n-Nitroso-di-n-propylamine
Concen: 36.80 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

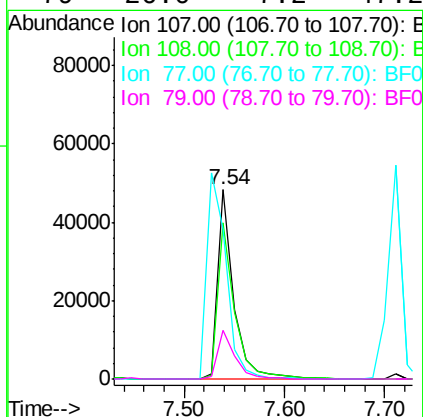
Instrument :
BNA_F
ClientSampleId :
PB84447BS

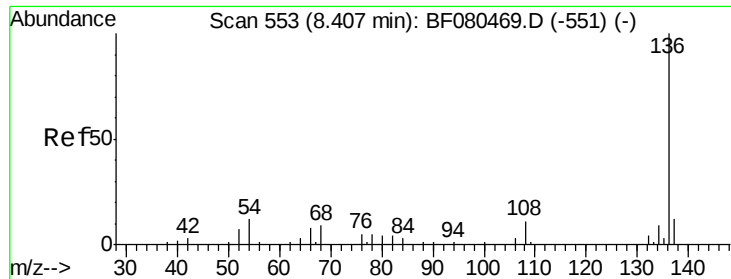
Tgt Ion: 70 Resp: 32211
Ion Ratio Lower Upper
70 100
42 60.2 48.0 72.0
101 10.0 7.8 11.6
130 24.1 16.7 25.1



#20
3+4-Methylphenols
Concen: 42.07 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion: 107 Resp: 53445
Ion Ratio Lower Upper
107 100
108 82.7 61.4 101.4
77 79.2 76.4 116.4
79 26.0 7.2 47.2

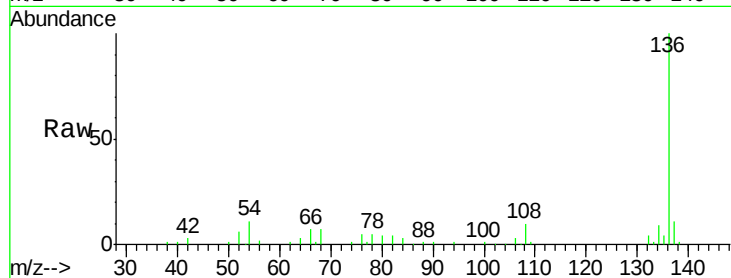




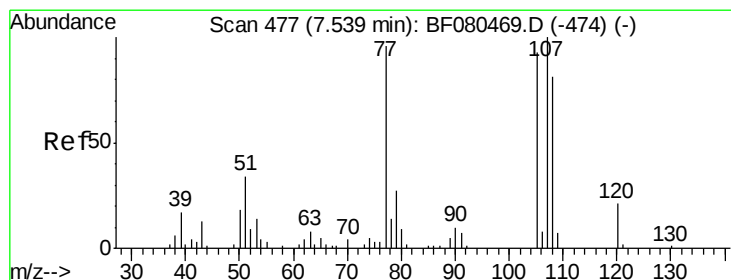
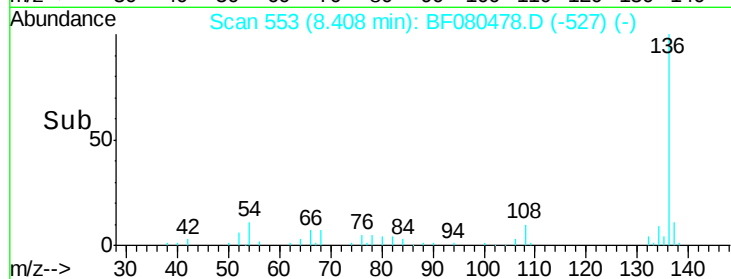
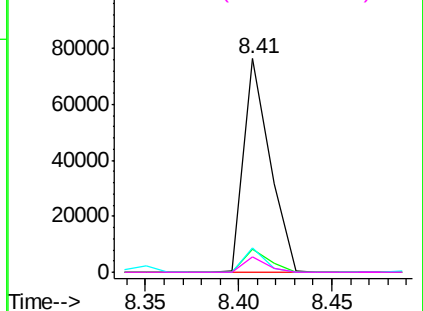
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion:	136	Resp:	74559
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.5	14.3
54	11.5	9.8	14.8
68	7.5	7.0	10.4

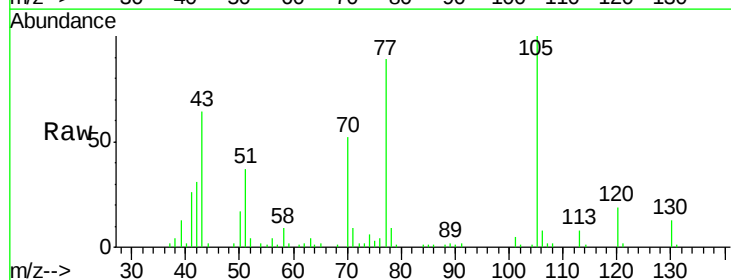


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

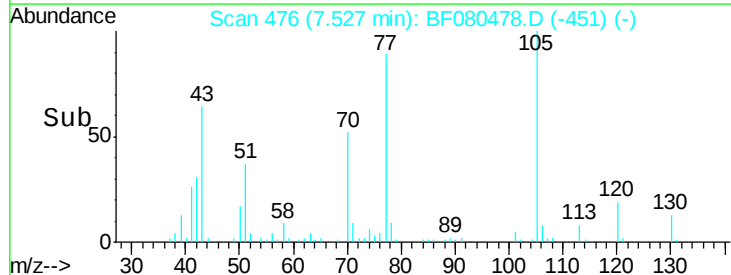
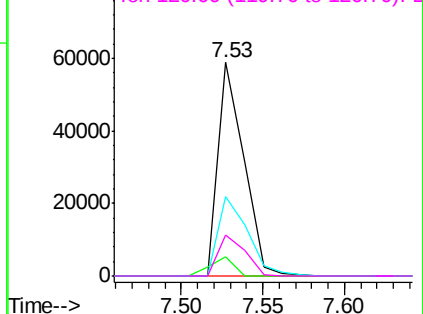


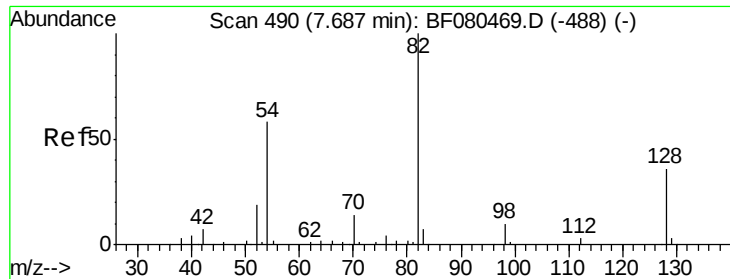
#22
Acetophenone
Concen: 36.79 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion:	105	Resp:	64359
Ion	Ratio	Lower	Upper
105	100		
71	8.8	0.0	0.0#
51	37.4	29.0	43.6
120	19.1	18.3	27.5



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

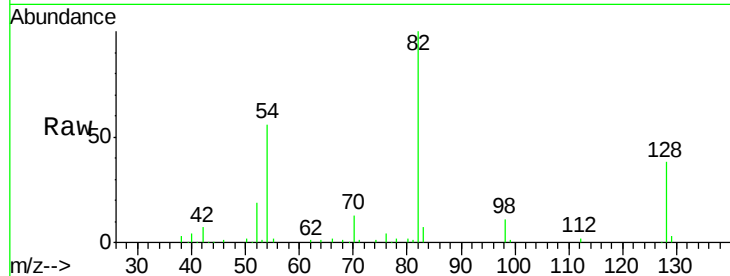




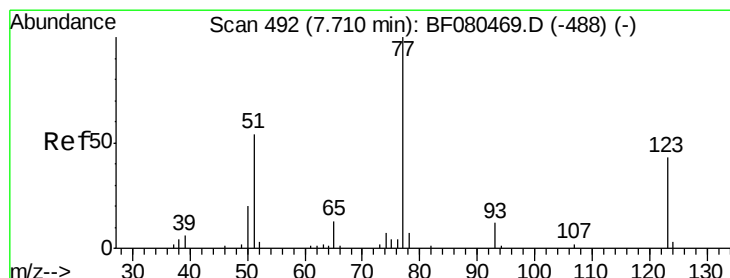
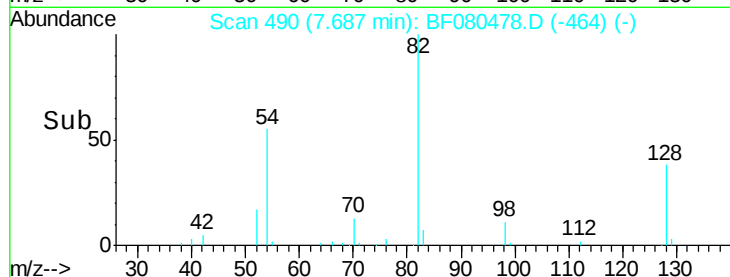
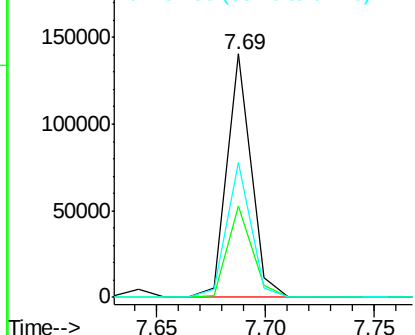
#23
 Nitrobenzene-d5
 Concen: 79.39 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.0	43.4
54	55.5	46.4	69.6

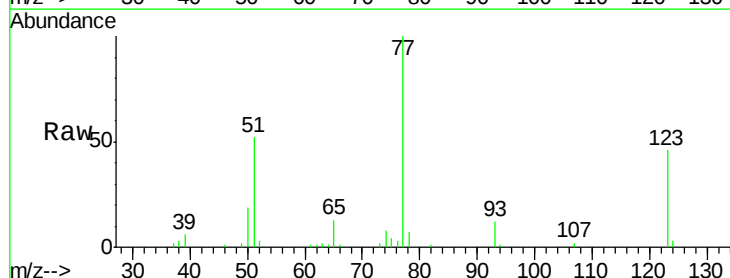


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

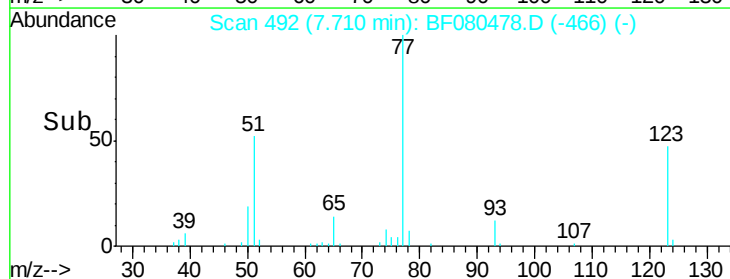
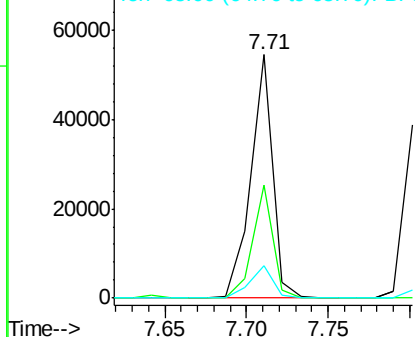


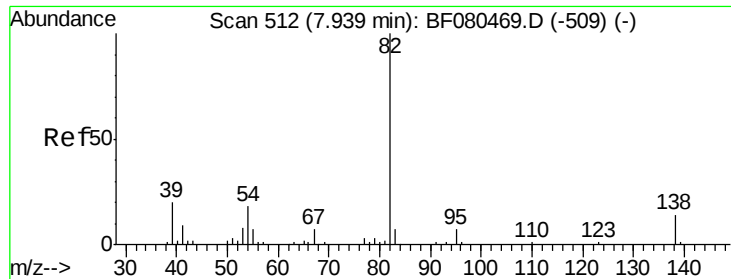
#24
 Nitrobenzene
 Concen: 33.71 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	34.6	51.8
65	13.5	10.2	15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.22 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

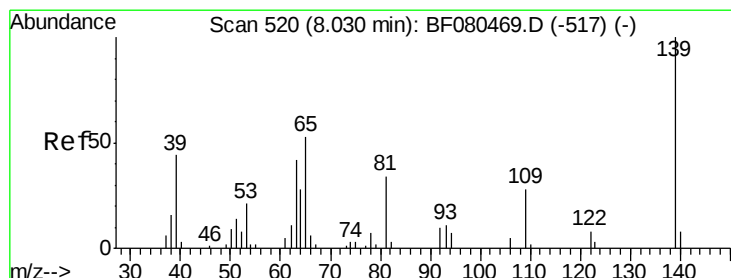
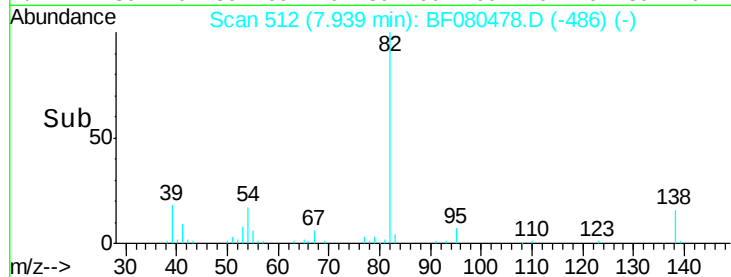
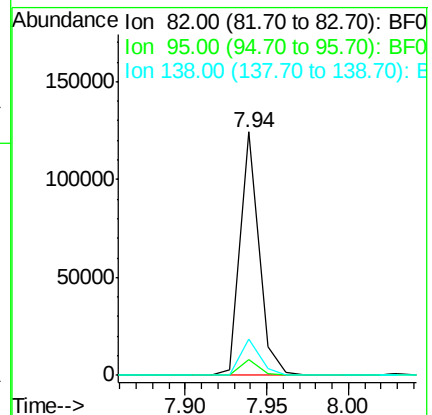
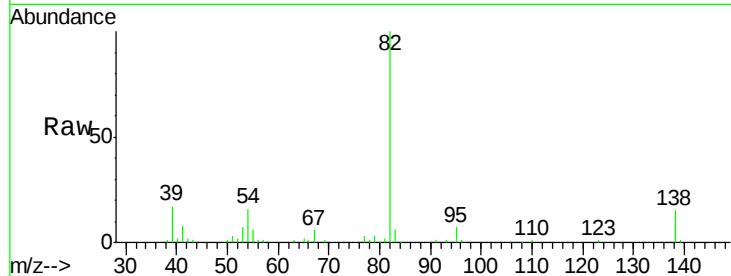
Tgt Ion: 82 Resp: 98625

Ion Ratio Lower Upper

82 100

95 6.5 5.5 8.3

138 15.1 10.8 16.2



#26

2-Nitrophenol

Concen: 35.30 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

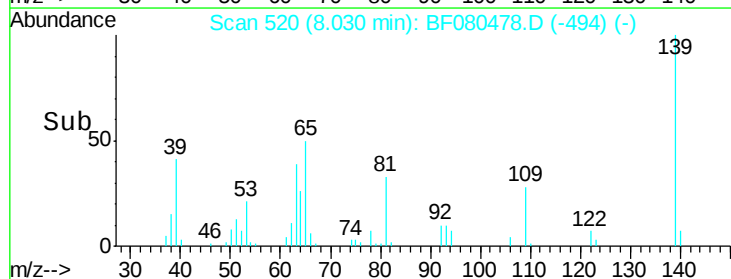
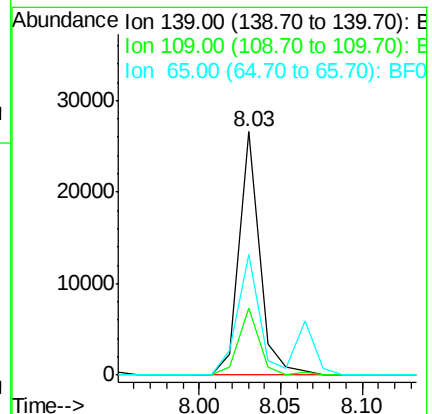
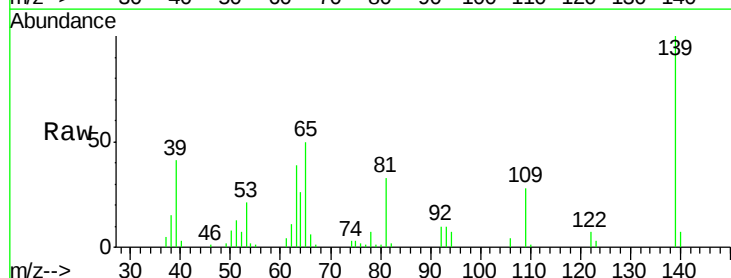
Tgt Ion: 139 Resp: 22993

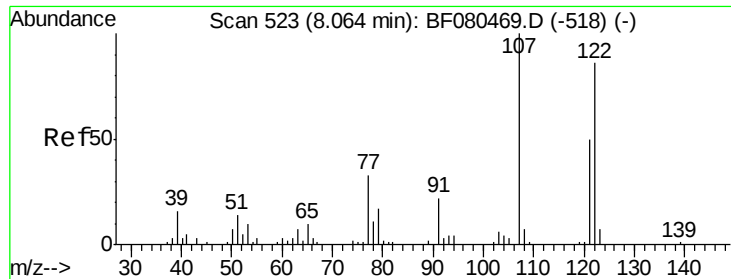
Ion Ratio Lower Upper

139 100

109 27.6 22.6 33.8

65 49.8 42.4 63.6

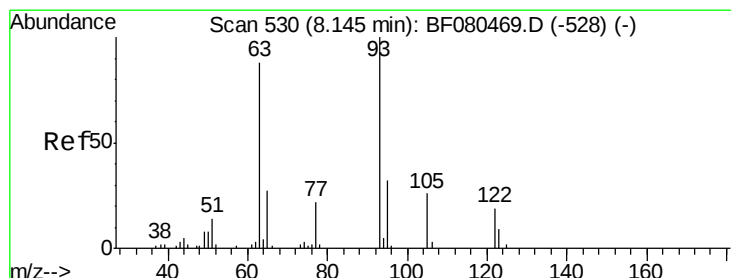
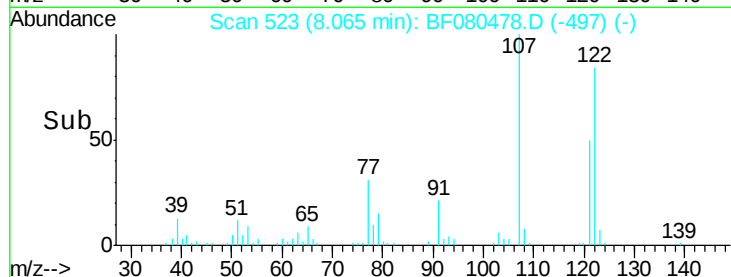
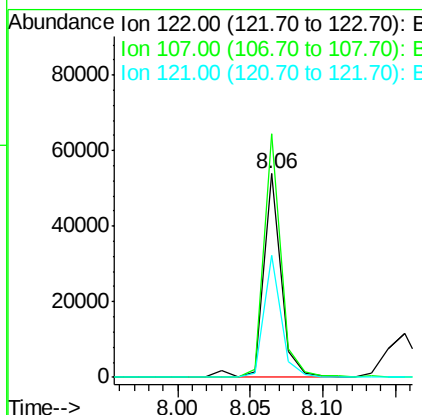
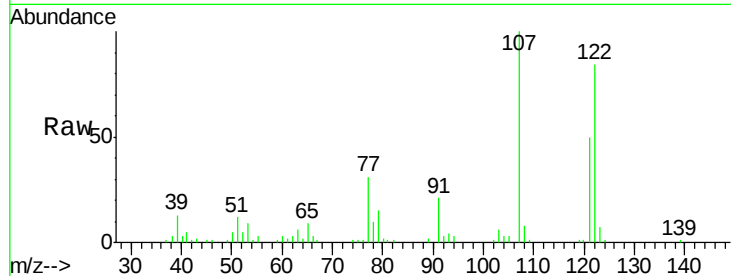




#27
 2,4-Dimethylphenol
 Concen: 37.78 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

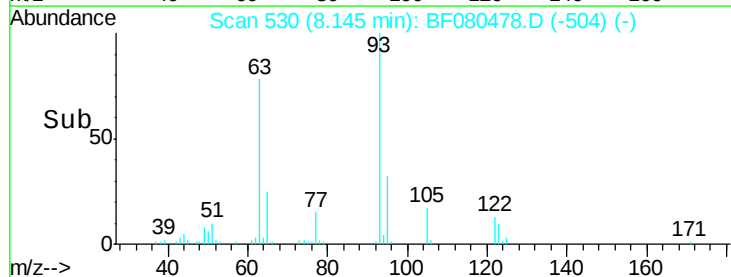
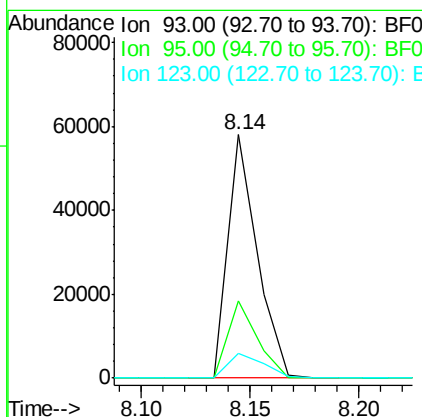
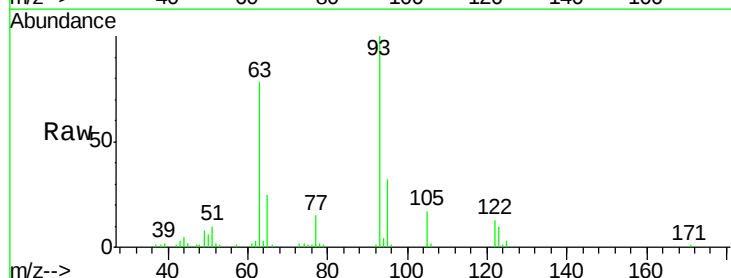
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

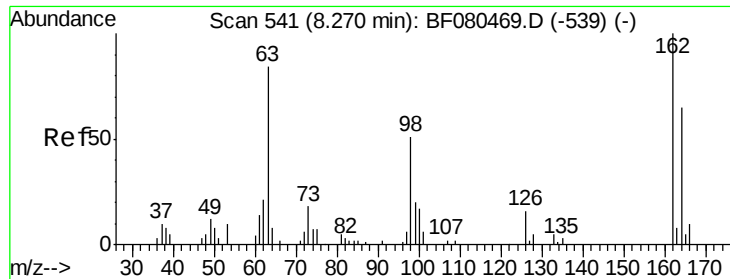
Tgt Ion:122 Resp: 45130
 Ion Ratio Lower Upper
 122 100
 107 119.5 93.3 139.9
 121 60.0 47.1 70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.16 ng
 RT: 8.14 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion: 93 Resp: 53974
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.4 38.2
 123 10.0 7.5 11.3

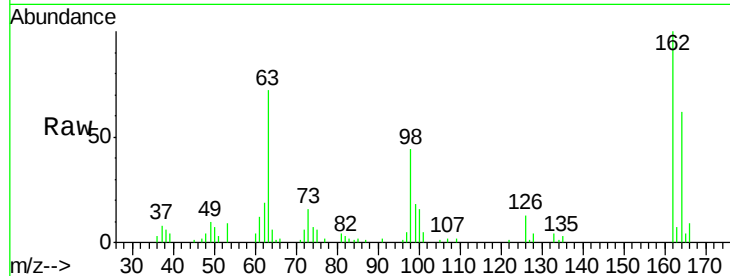




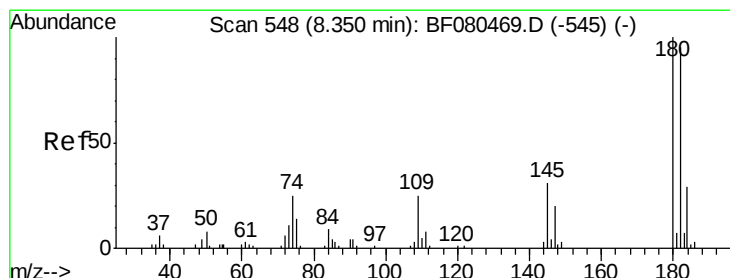
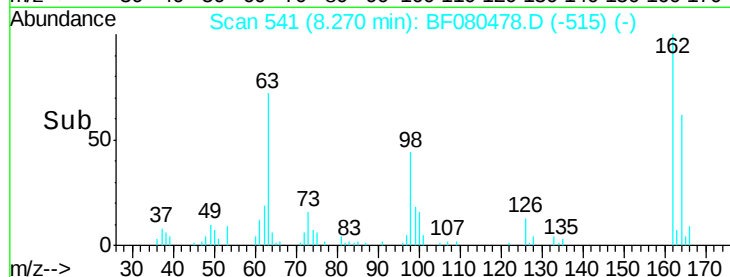
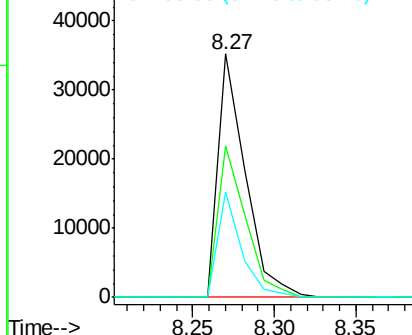
#29
 2,4-Dichlorophenol
 Concen: 39.36 ng
 RT: 8.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.7	84.7
98	43.5	31.5	71.5

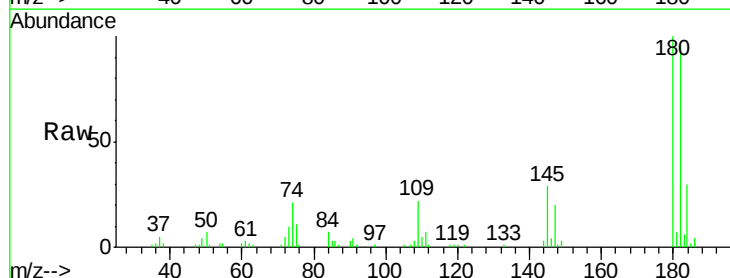


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

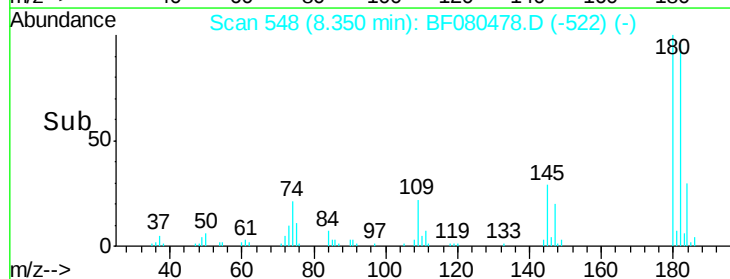
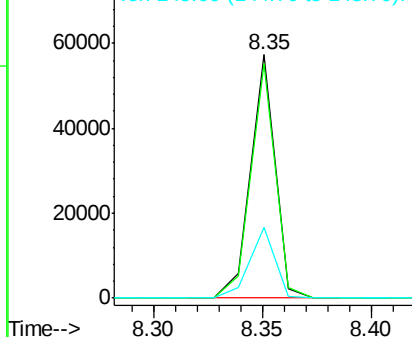


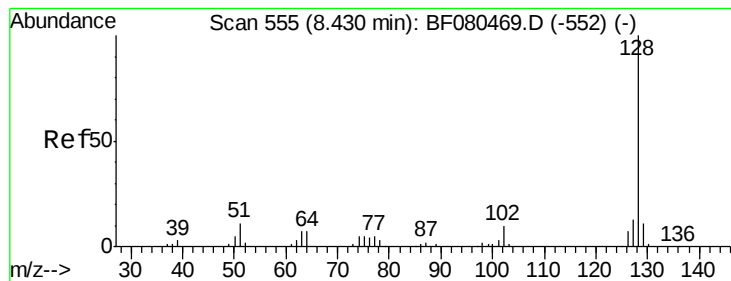
#30
 1,2,4-Trichlorobenzene
 Concen: 34.68 ng
 RT: 8.35 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	28.9	24.8	37.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.60 ng

RT: 8.43 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

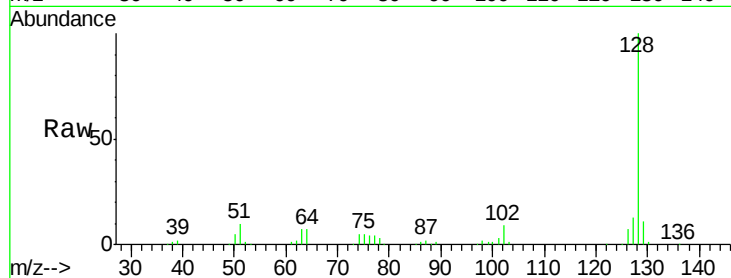
Tgt Ion:128 Resp: 141172

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

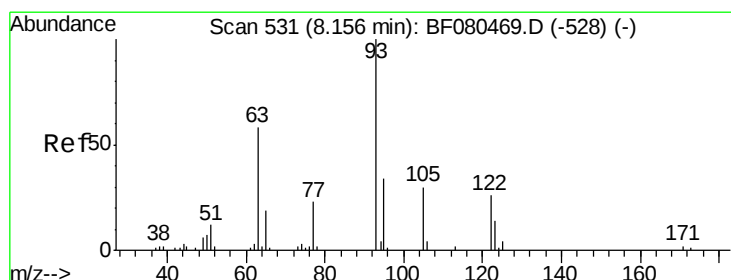
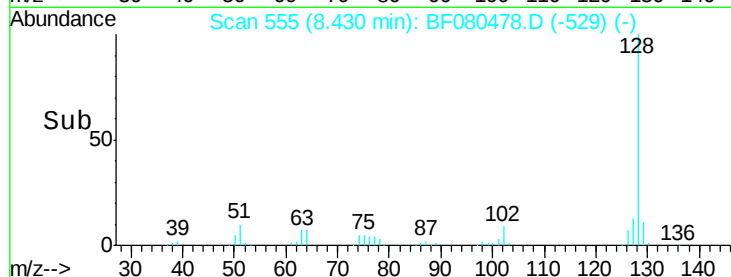
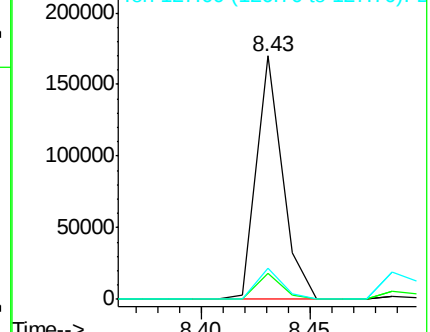
127 12.5 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.99 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

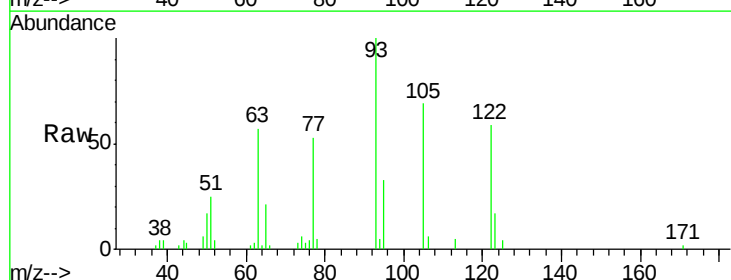
Tgt Ion:122 Resp: 22796

Ion Ratio Lower Upper

122 100

105 117.7 95.4 135.4

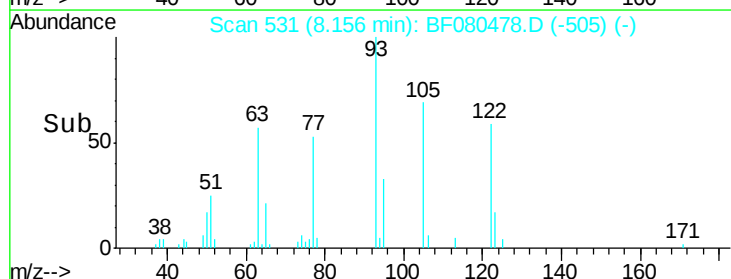
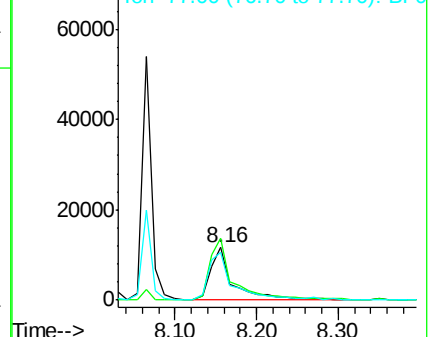
77 90.3 70.0 110.0

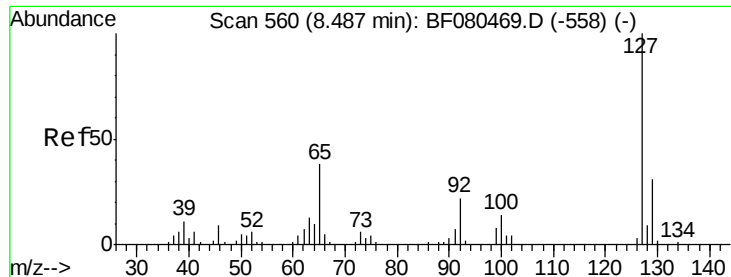


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

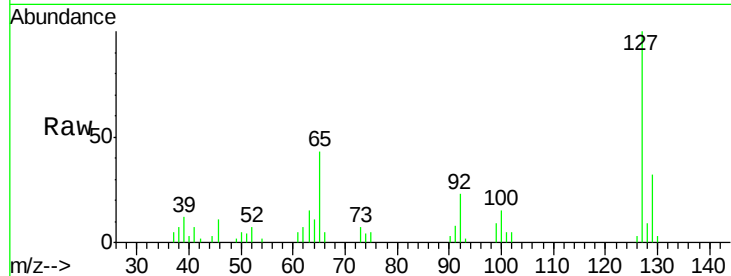




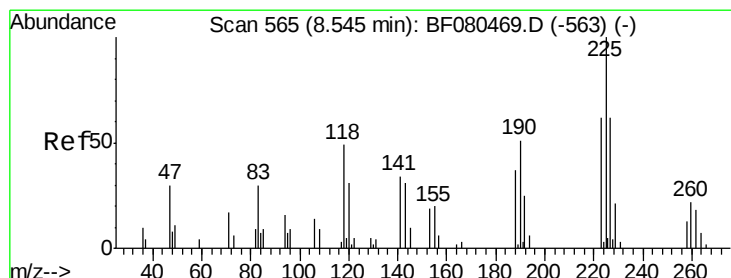
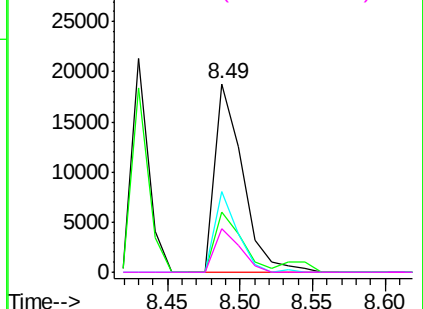
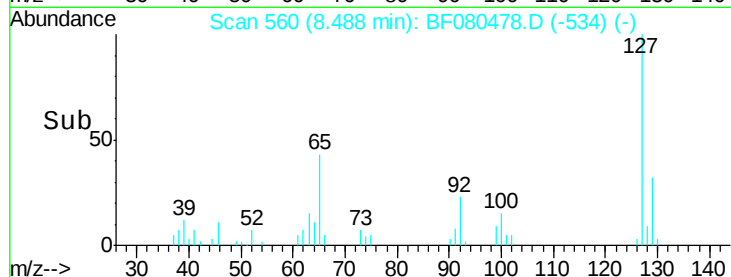
#33
 4-Chloroaniline
 Concen: 16.34 ng
 RT: 8.49 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion:127 Resp: 25092
 Ion Ratio Lower Upper
 127 100
 129 32.2 25.1 37.7
 65 42.9 30.0 45.0
 92 23.1 17.4 26.0

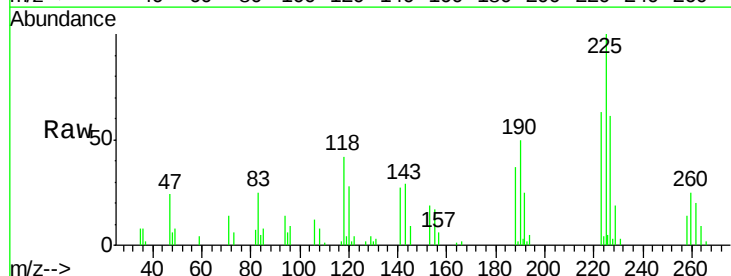


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

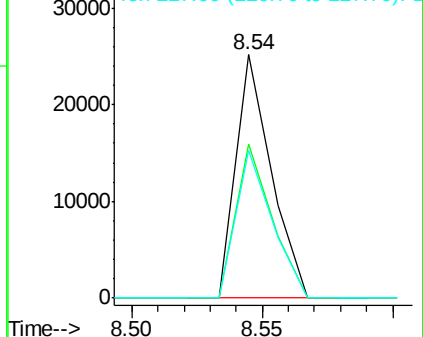
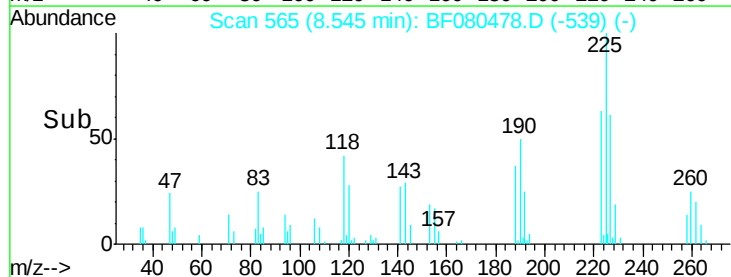


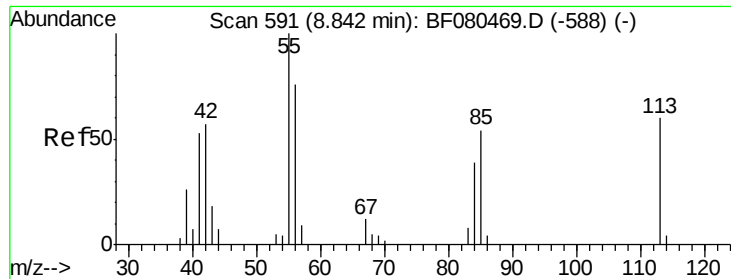
#34
 Hexachlorobutadiene
 Concen: 36.23 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion:225 Resp: 23784
 Ion Ratio Lower Upper
 225 100
 223 63.1 49.9 74.9
 227 60.7 49.2 73.8



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





#35

Caprolactam

Concen: 41.68 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

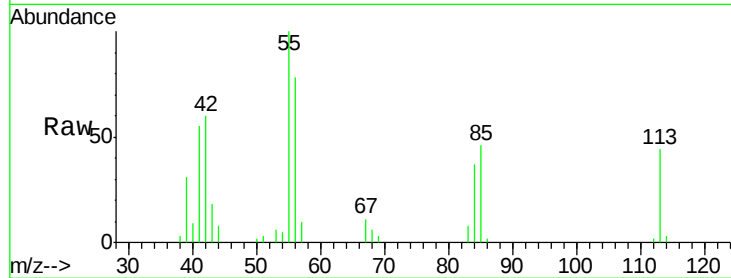
Tgt Ion:113 Resp: 11201

Ion Ratio Lower Upper

113 100

55 225.0 147.5 187.5#

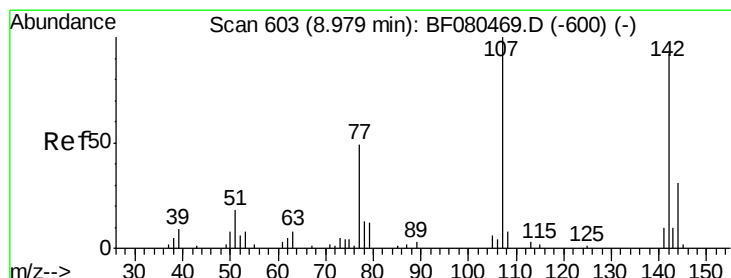
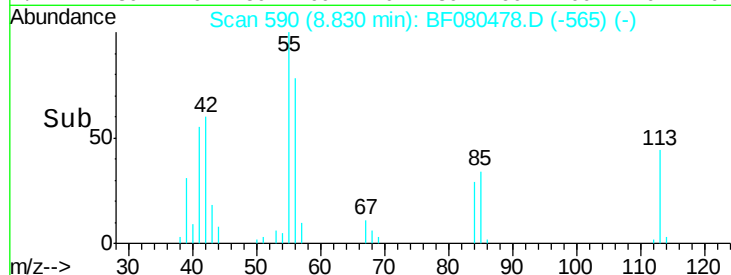
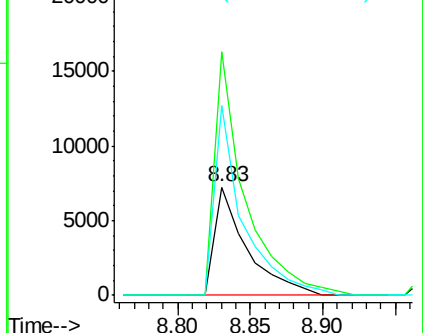
56 175.8 106.7 146.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.67 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

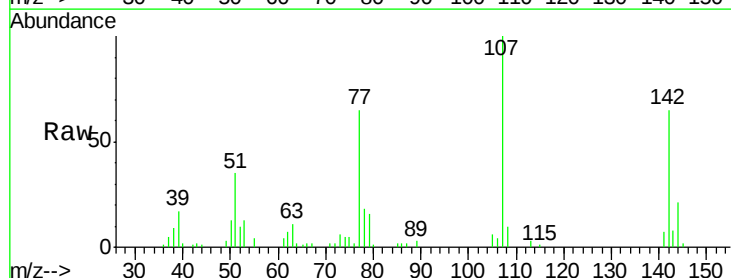
Tgt Ion:107 Resp: 39429

Ion Ratio Lower Upper

107 100

144 20.9 24.8 37.2#

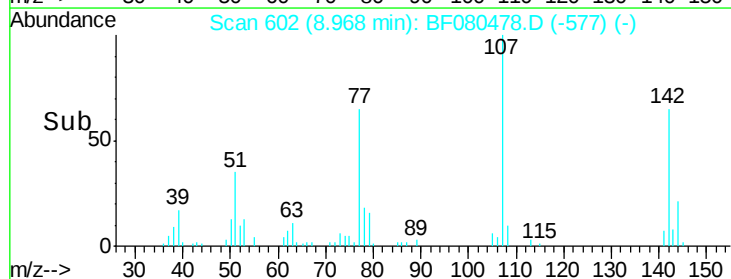
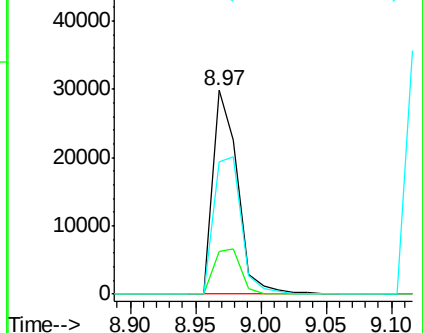
142 64.8 73.4 110.0#

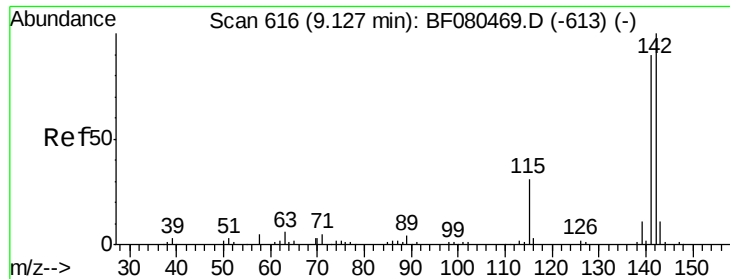


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

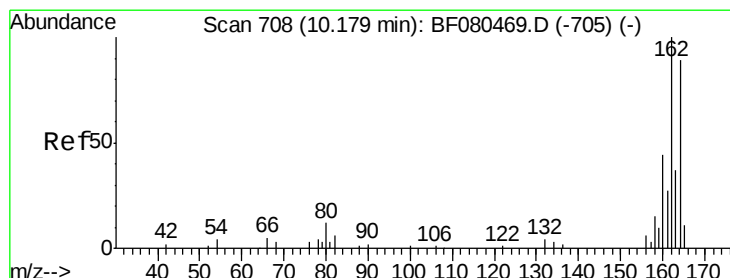
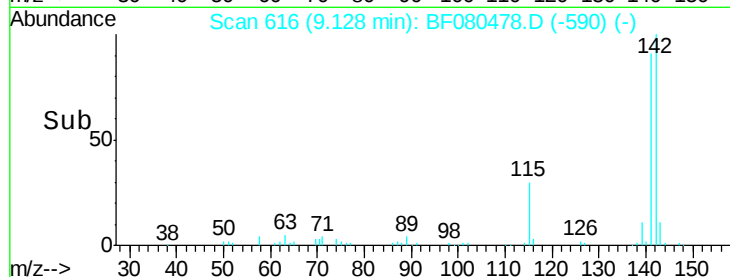
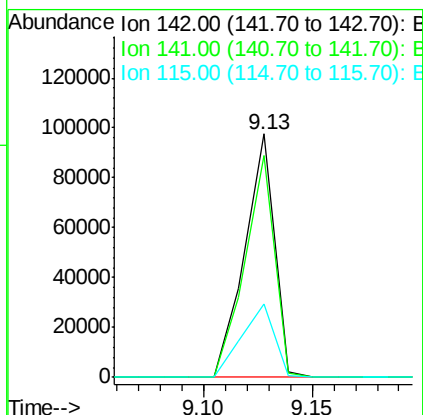
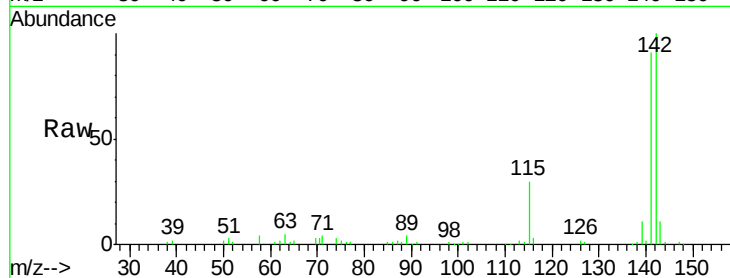




#37
 2-Methylnaphthalene
 Concen: 35.32 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

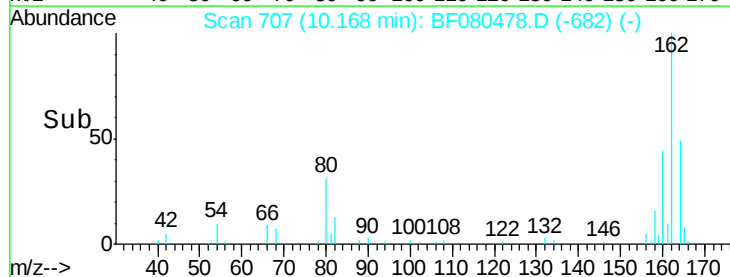
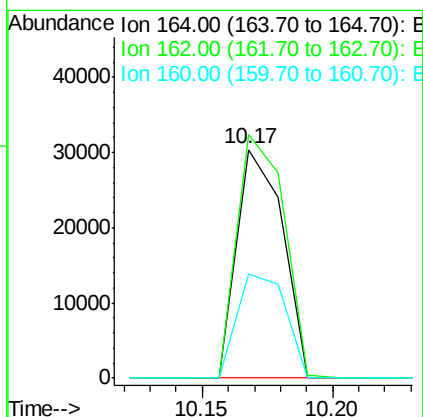
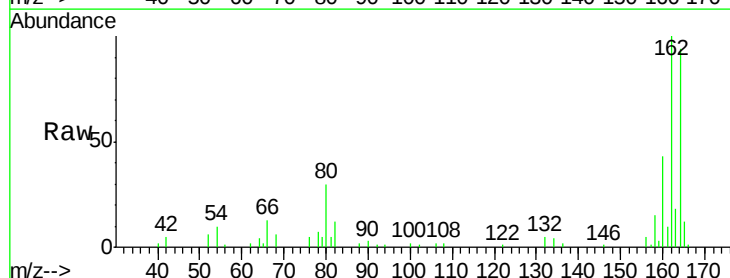
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

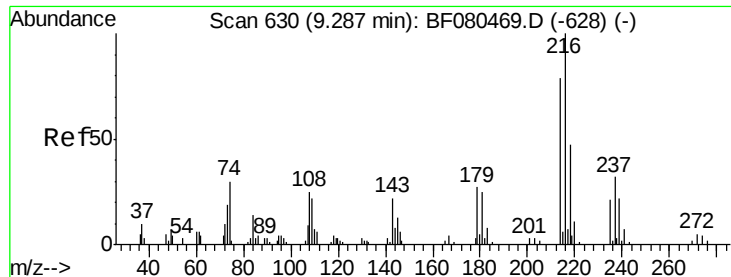
Tgt Ion:142 Resp: 92807
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.6 107.4
 115 30.3 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion:164 Resp: 37335
 Ion Ratio Lower Upper
 164 100
 162 106.6 89.8 134.8
 160 45.5 39.5 59.3

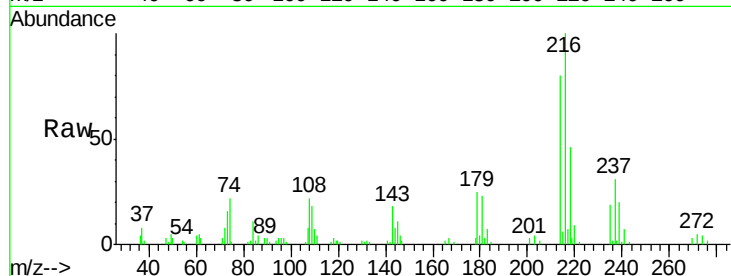




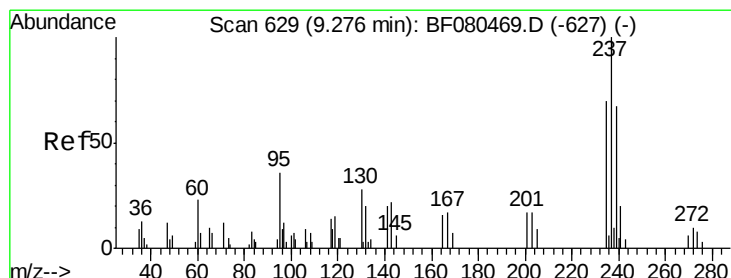
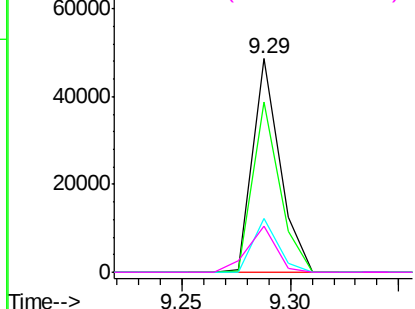
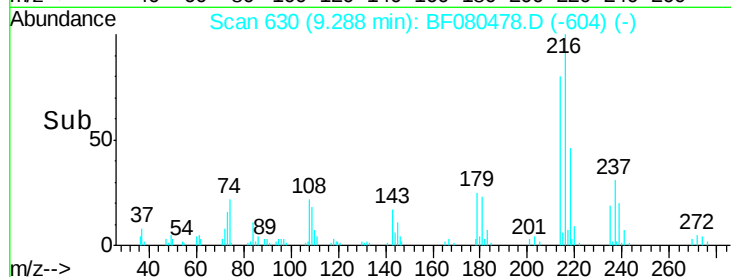
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.10 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion:	216	Resp:	42240
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.8	18.3	27.5
108	22.9	16.7	25.1

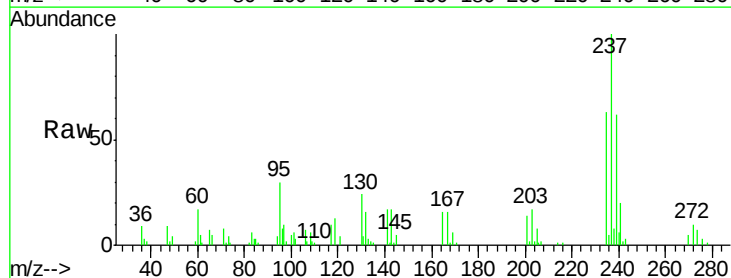


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

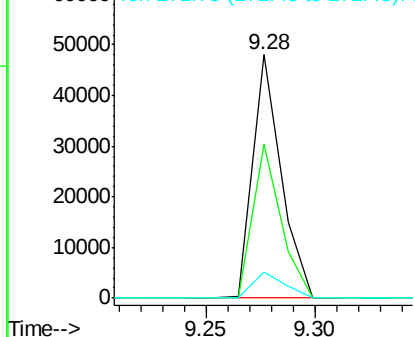
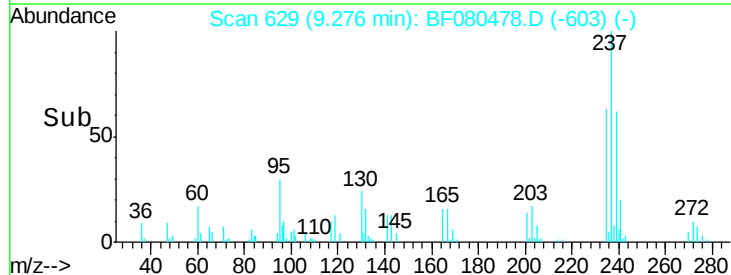


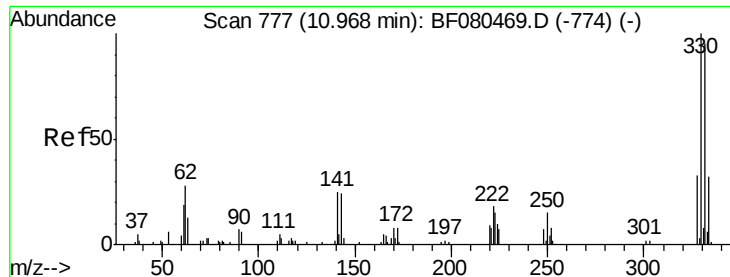
#40
 Hexachlorocyclopentadiene
 Concen: 67.23 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion:	237	Resp:	43471
Ion	Ratio	Lower	Upper
237	100		
235	63.2	49.9	89.9
272	10.5	0.0	30.0



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

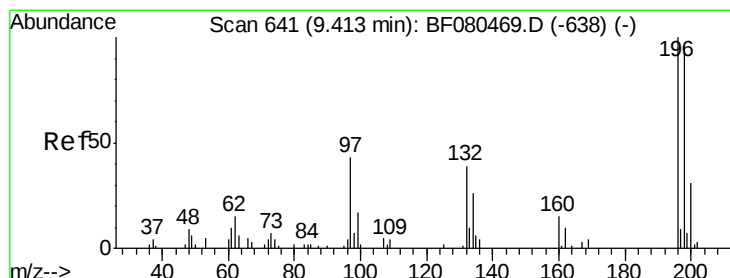
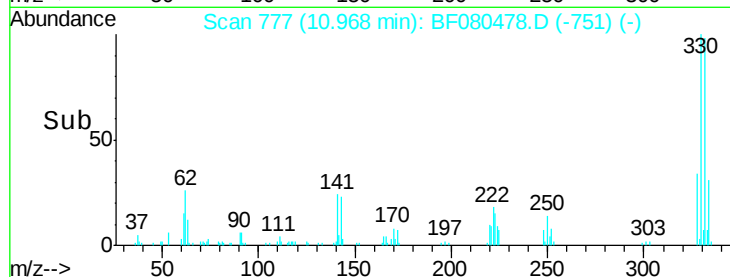
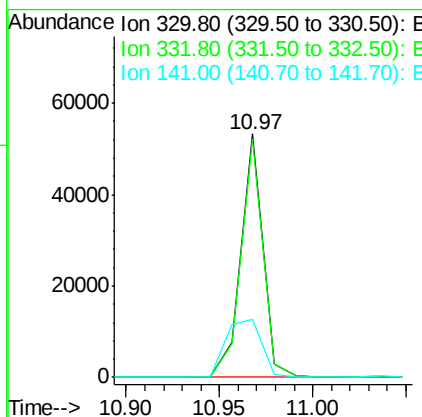
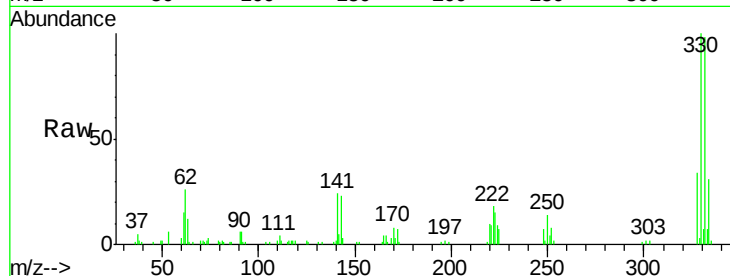




#41
 2,4,6-Tribromophenol
 Concen: 124.99 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

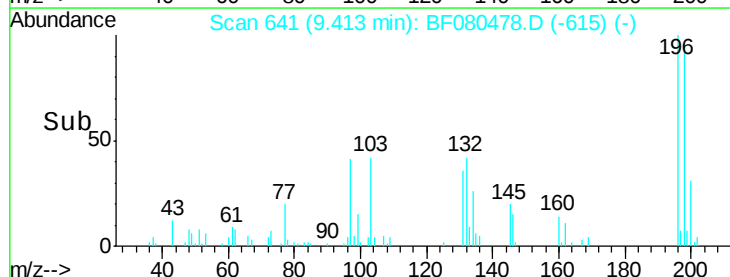
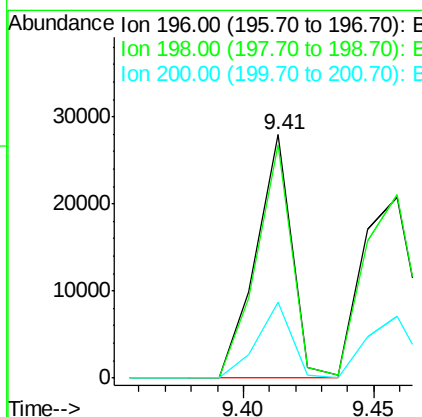
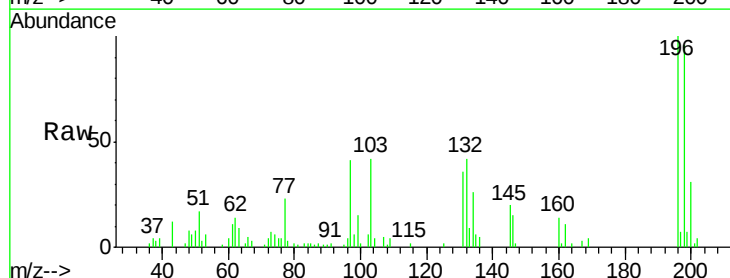
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

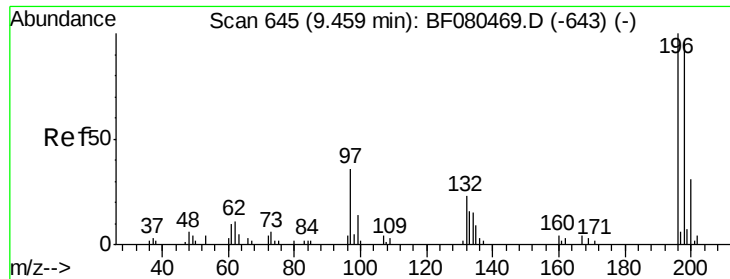
Tgt Ion:330 Resp: 44107
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.2 114.4
 141 38.8 29.8 44.6



#42
 2,4,6-Trichlorophenol
 Concen: 34.99 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion:196 Resp: 26951
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.2 115.8
 200 31.1 24.7 37.1

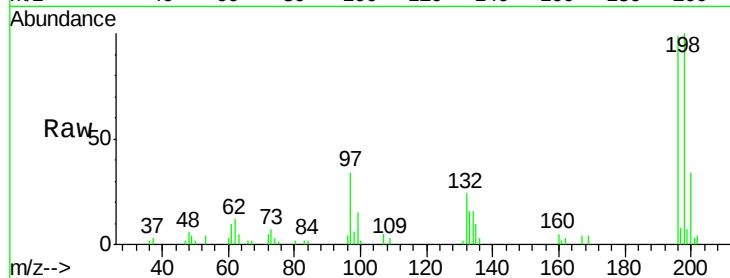




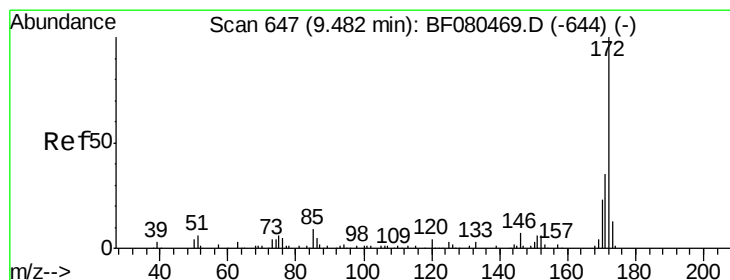
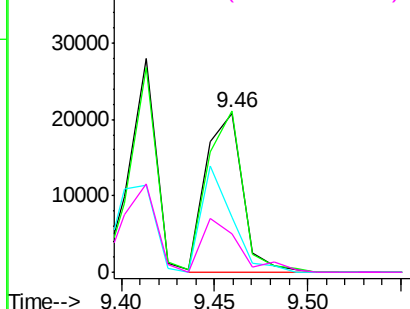
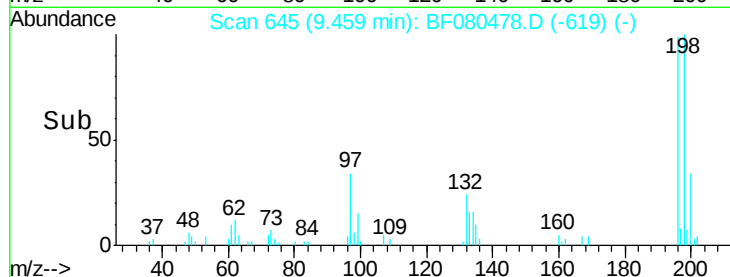
#43
 2,4,5-Trichlorophenol
 Concen: 36.78 ng
 RT: 9.46 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion:196 Resp: 28546
 Ion Ratio Lower Upper
 196 100
 198 101.1 77.0 115.6
 97 34.5 28.6 43.0
 132 24.4 18.6 27.8

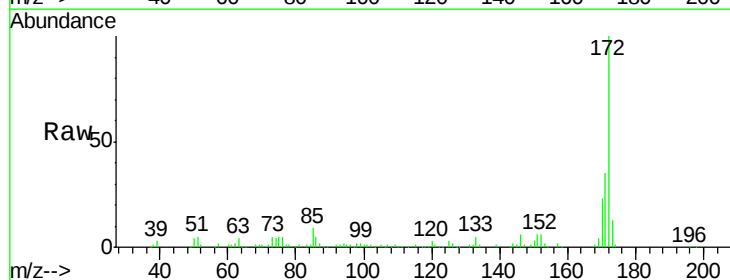


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

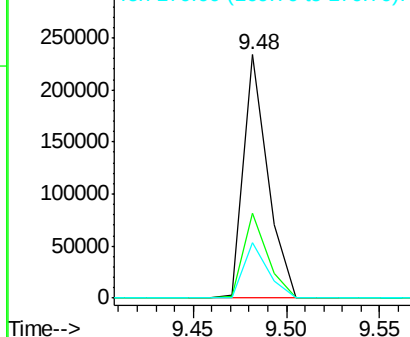
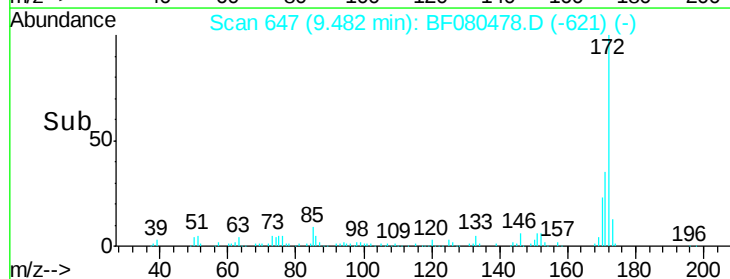


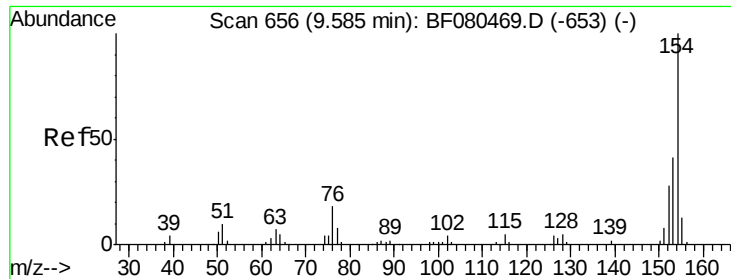
#44
 2-Fluorobiphenyl
 Concen: 77.27 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion:172 Resp: 210568
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.9 41.9
 170 22.8 18.5 27.7



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

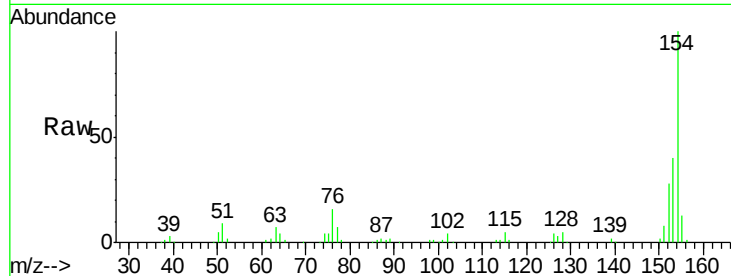




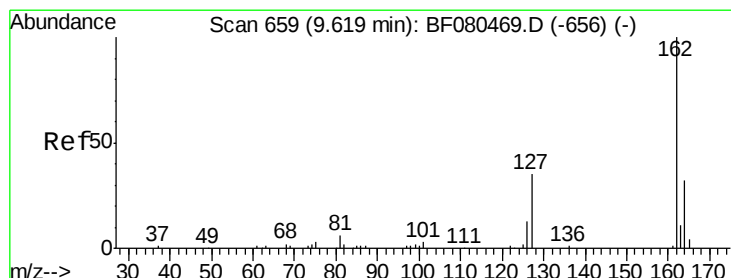
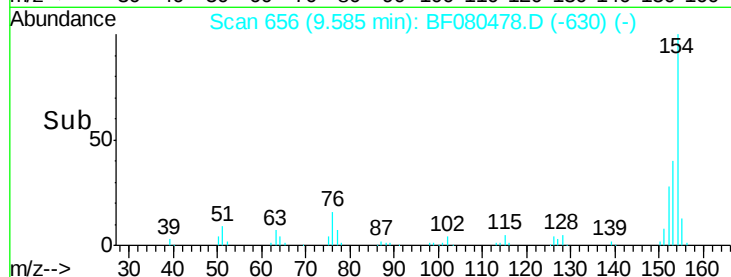
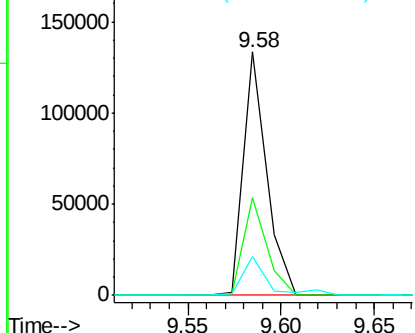
#45
 1,1'-Biphenyl
 Concen: 36.04 ng
 RT: 9.58 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.8	60.8
76	16.1	0.0	37.7

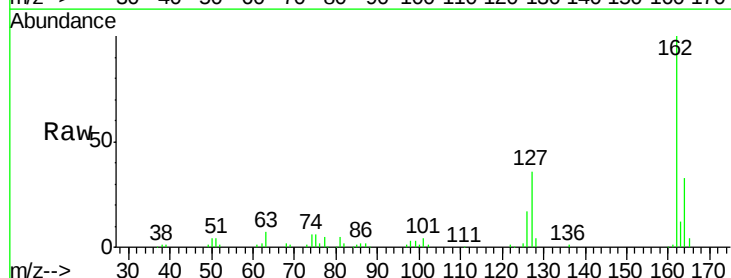


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

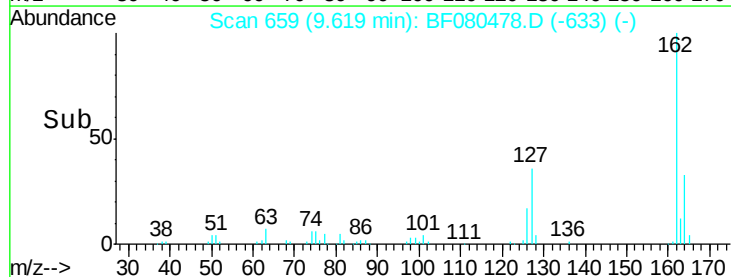
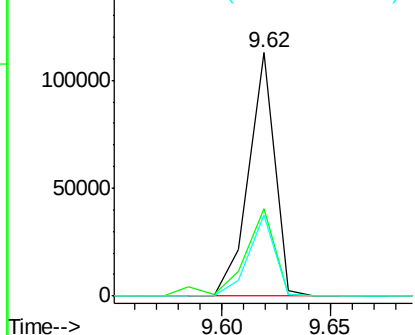


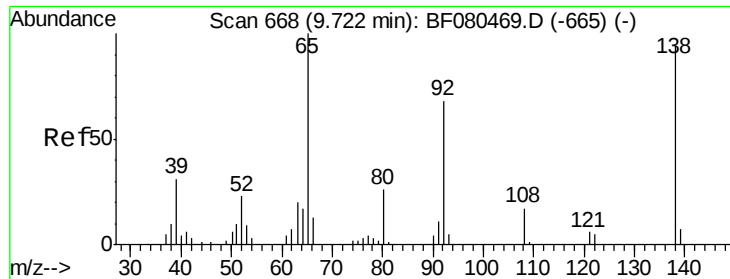
#46
 2-Chloronaphthalene
 Concen: 35.53 ng
 RT: 9.62 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.0	30.4	45.6
164	33.4	25.8	38.8



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

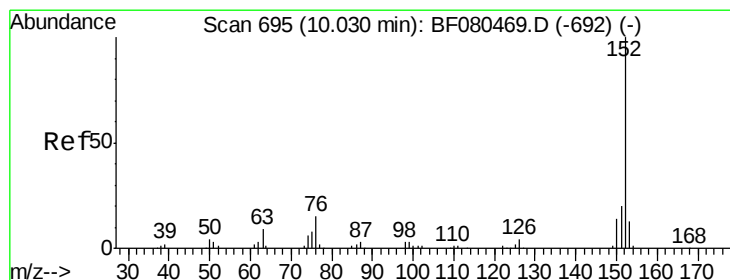
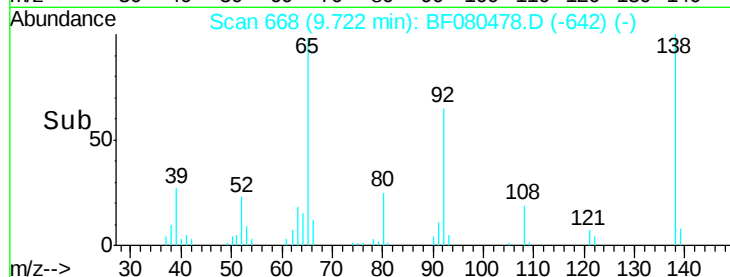
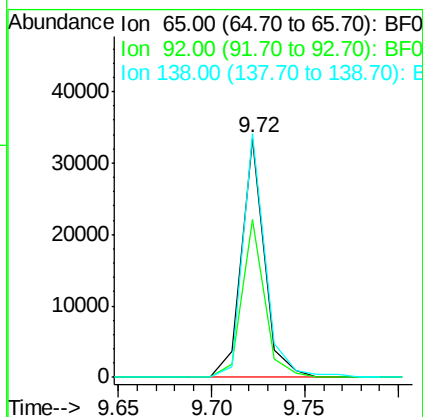
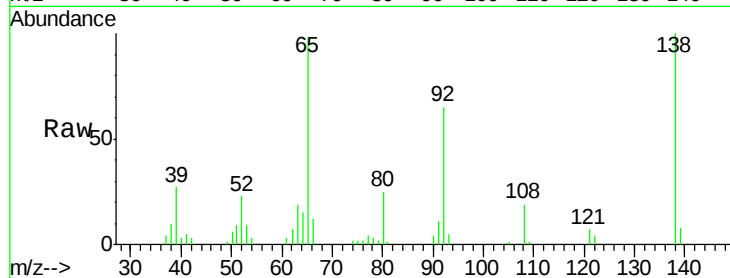




#47
2-Nitroaniline
Concen: 37.64 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

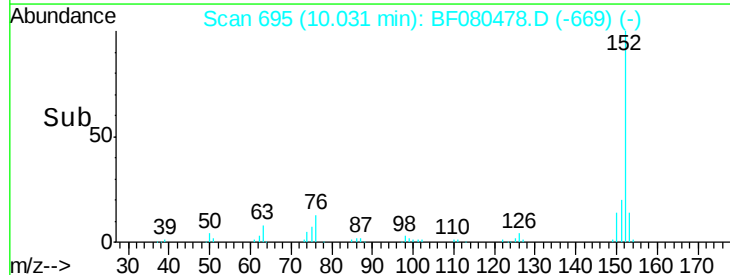
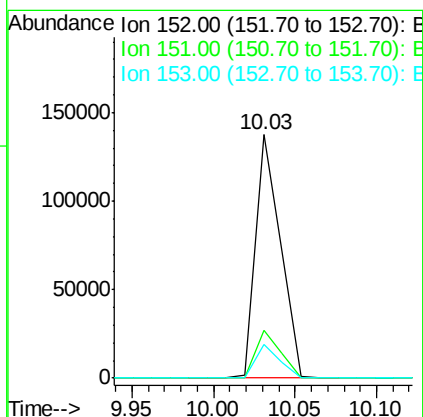
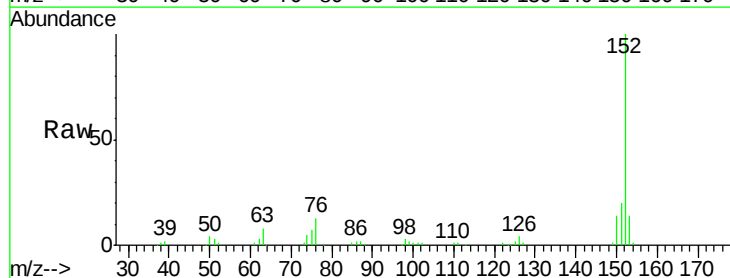
Instrument :
BNA_F
ClientSampleId :
PB84447BS

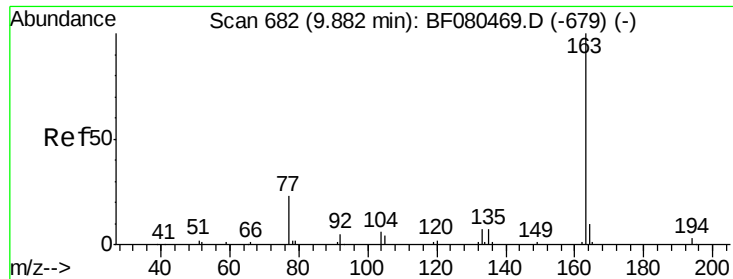
Tgt Ion: 65 Resp: 28656
Ion Ratio Lower Upper
65 100
92 66.2 54.7 82.1
138 102.1 75.3 112.9



#48
Acenaphthylene
Concen: 36.38 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion: 152 Resp: 145213
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 13.7 10.5 15.7

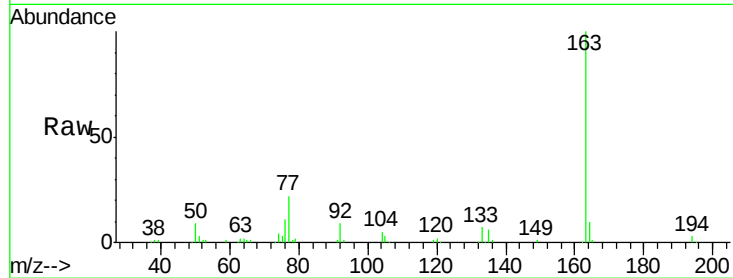




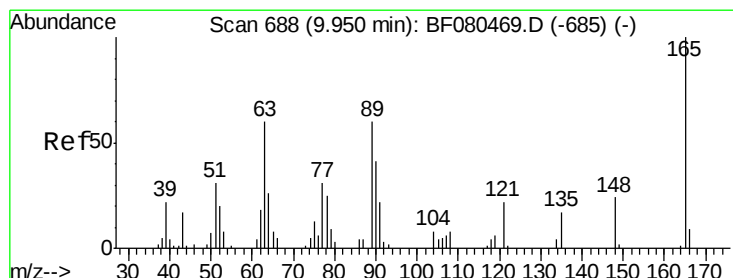
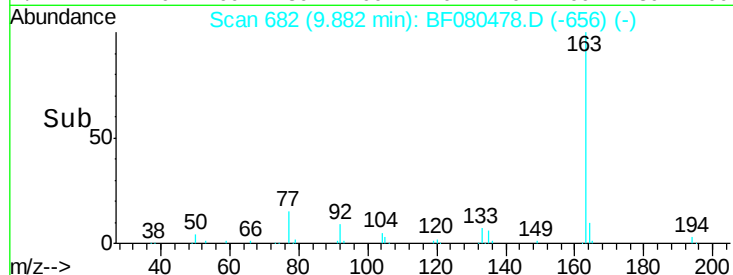
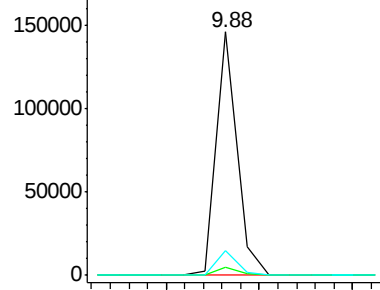
#49
Dimethylphthalate
Concen: 38.55 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion:163 Resp: 113920
Ion Ratio Lower Upper
163 100
194 3.1 2.6 3.8
164 10.2 8.1 12.1

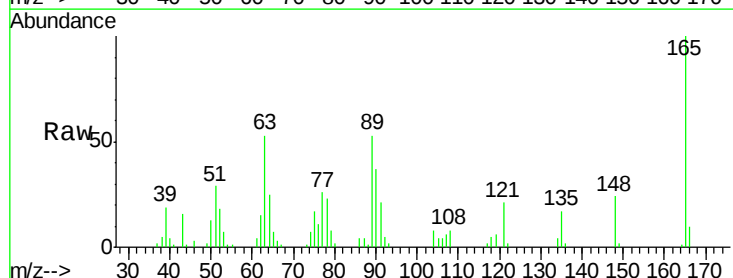


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

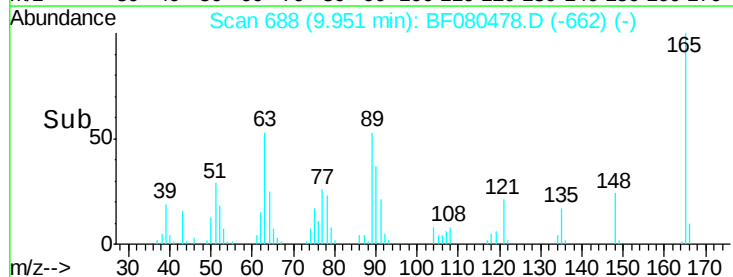
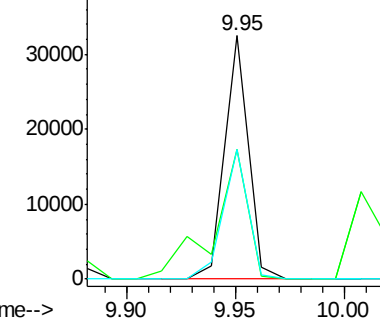


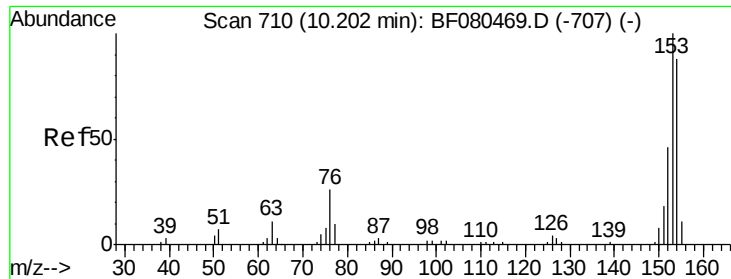
#50
2,6-Dinitrotoluene
Concen: 38.62 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion:165 Resp: 24568
Ion Ratio Lower Upper
165 100
63 53.4 49.6 74.4
89 53.3 47.6 71.4



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





#51

Acenaphthene

Concen: 40.96 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

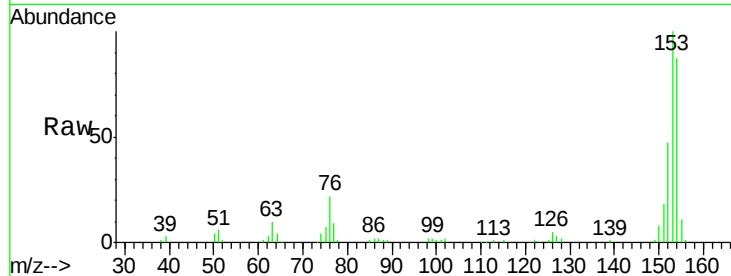
Tgt Ion:154 Resp: 99442

Ion Ratio Lower Upper

154 100

153 115.1 90.6 136.0

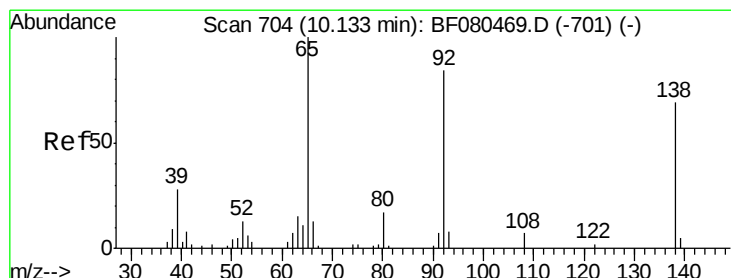
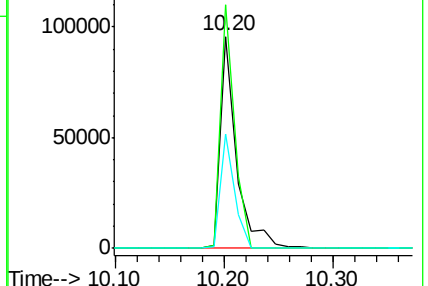
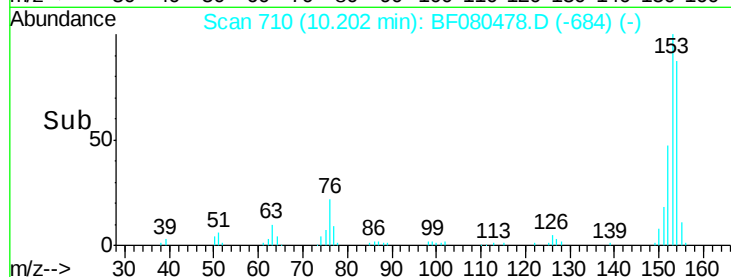
152 54.3 41.7 62.5



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: 23.42 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

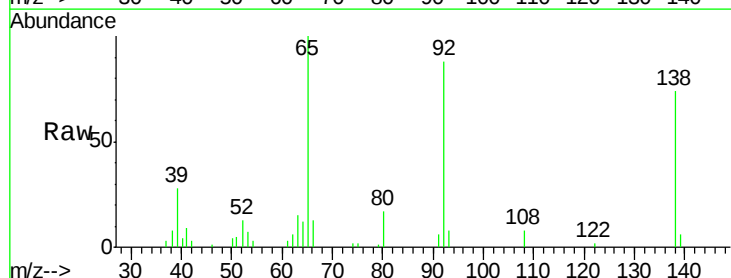
Tgt Ion:138 Resp: 16033

Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

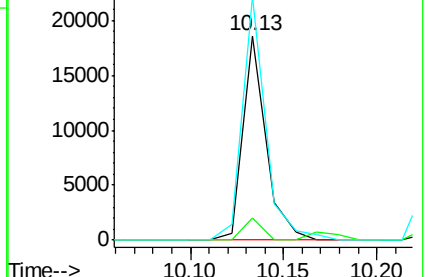
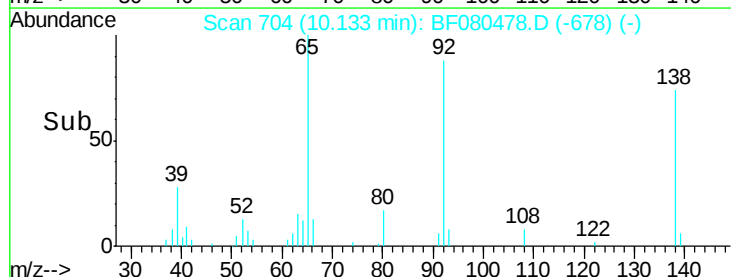
92 119.2 98.4 147.6

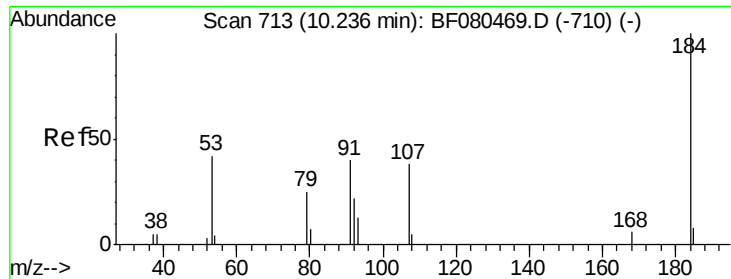


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

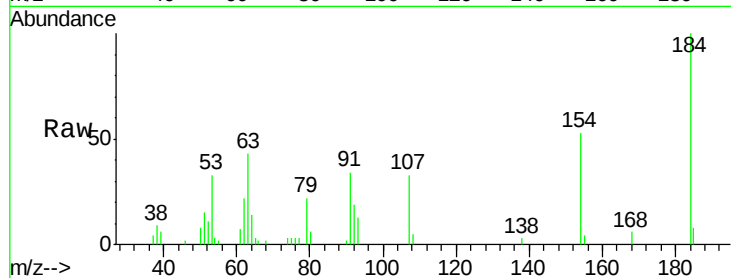




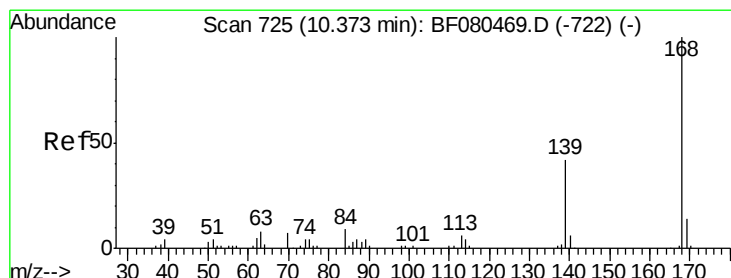
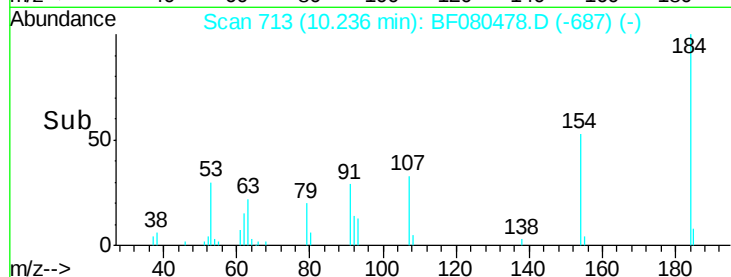
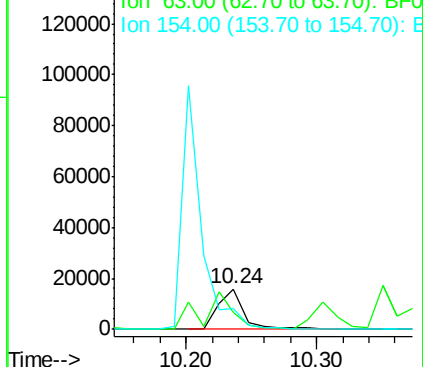
#53
2,4-Dinitrophenol
Concen: 77.26 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion:184 Resp: 21732
Ion Ratio Lower Upper
184 100
63 42.9 42.5 63.7
154 52.7 49.4 74.2

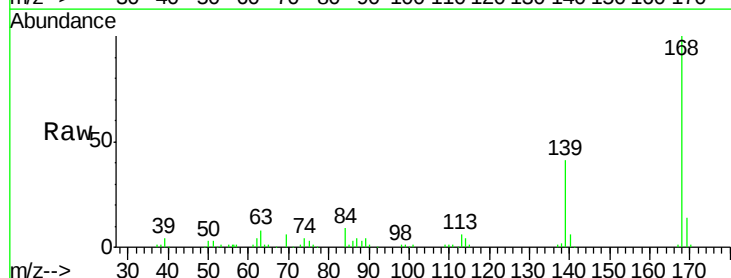


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

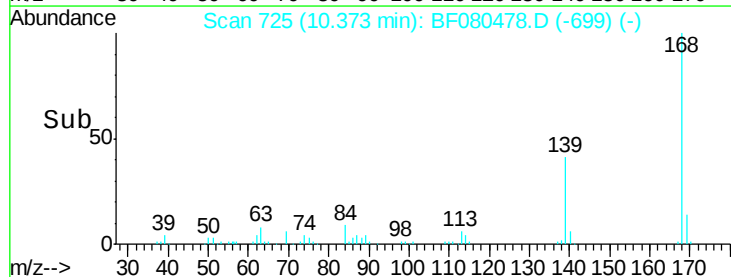
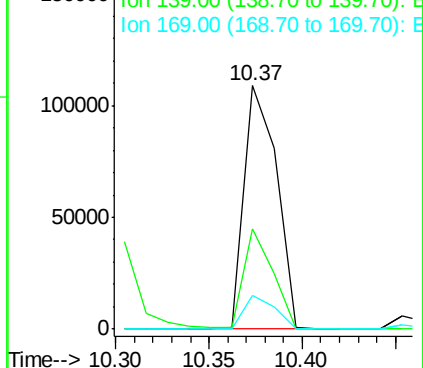


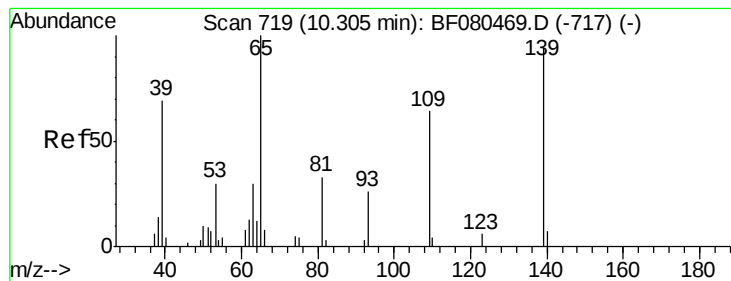
#54
Dibenzofuran
Concen: 38.29 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion:168 Resp: 131135
Ion Ratio Lower Upper
168 100
139 41.4 34.2 51.2
169 13.7 11.4 17.2



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





#55

4-Nitrophenol

Concen: 77.84 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

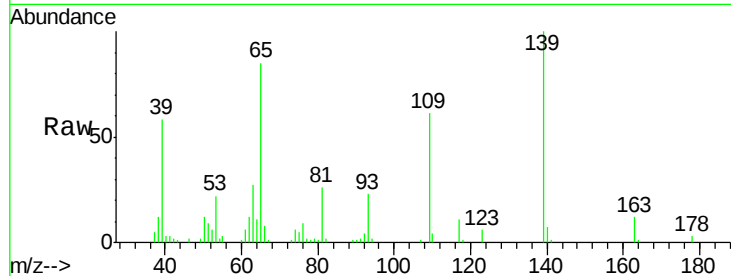
Tgt Ion:139 Resp: 39336

Ion Ratio Lower Upper

139 100

109 60.7 48.1 88.1

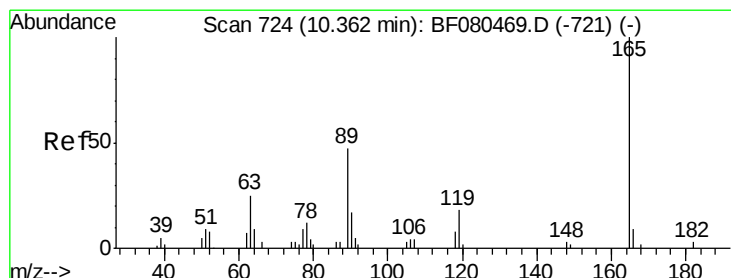
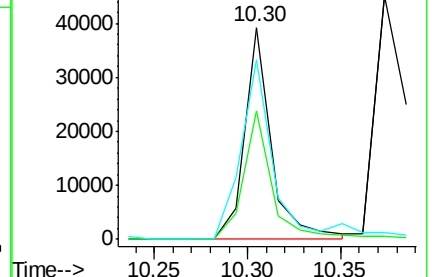
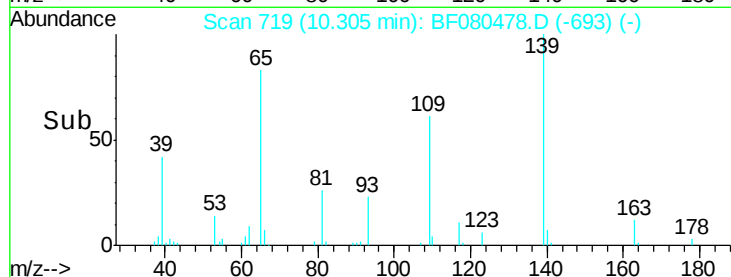
65 84.9 86.0 126.0#



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: 39.86 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion:165 Resp: 28727

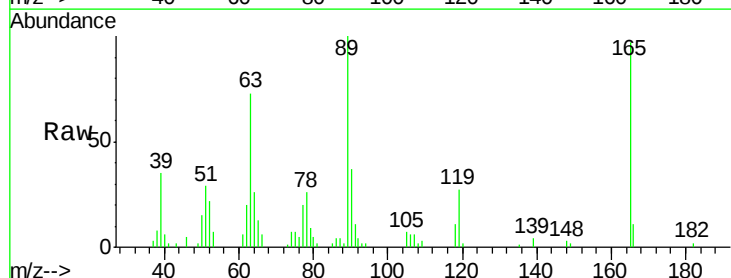
Ion Ratio Lower Upper

165 100

63 75.2 21.7 32.5#

89 102.9 37.4 56.2#

182 2.2 2.2 3.2

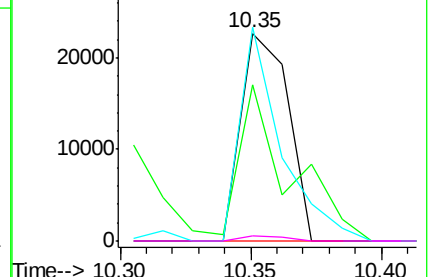
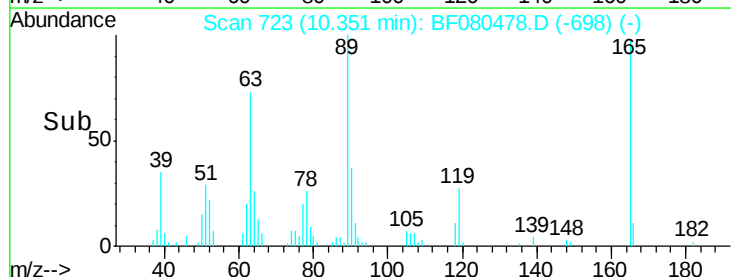


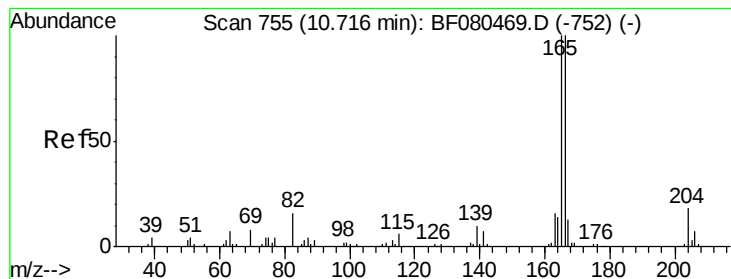
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.08 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

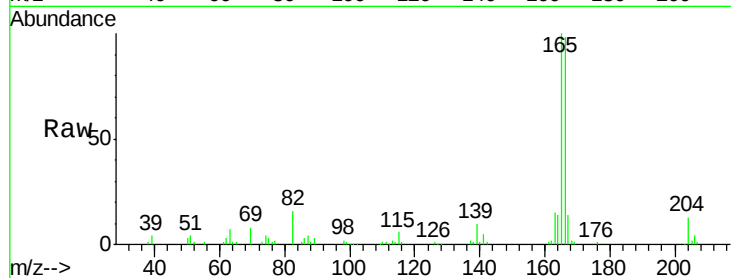
Tgt Ion:166 Resp: 104848

Ion Ratio Lower Upper

166 100

165 101.5 79.8 119.8

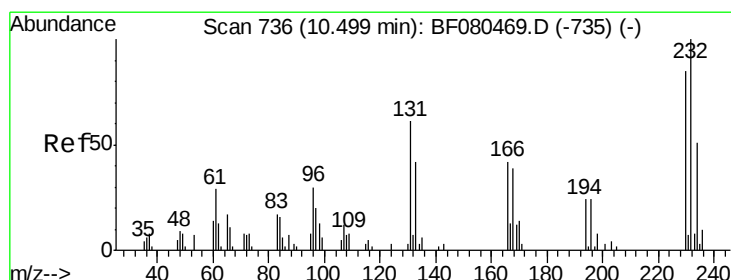
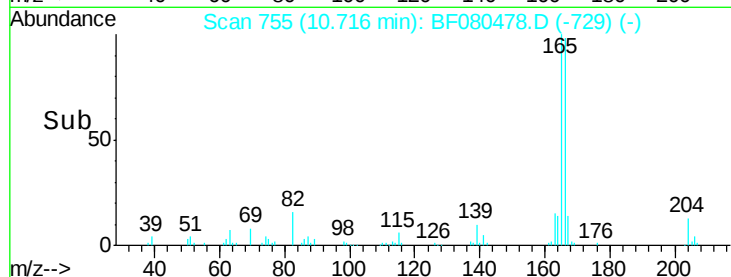
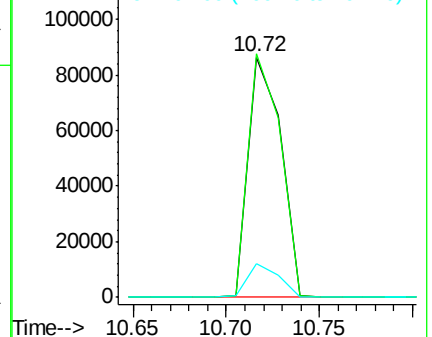
167 13.8 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.12 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion:232 Resp: 24586

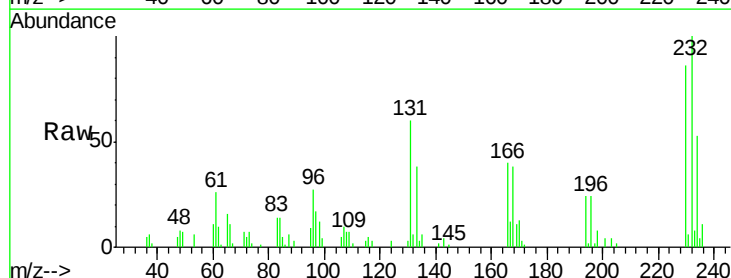
Ion Ratio Lower Upper

232 100

131 52.4 40.0 60.0

130 2.2 1.6 2.4

166 34.6 27.4 41.2

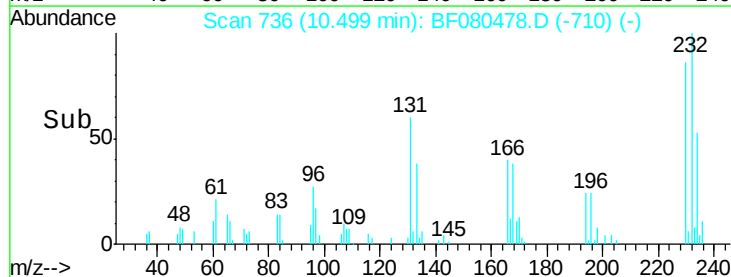
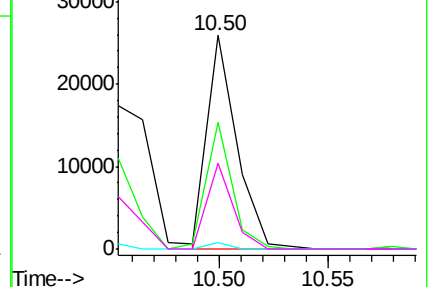


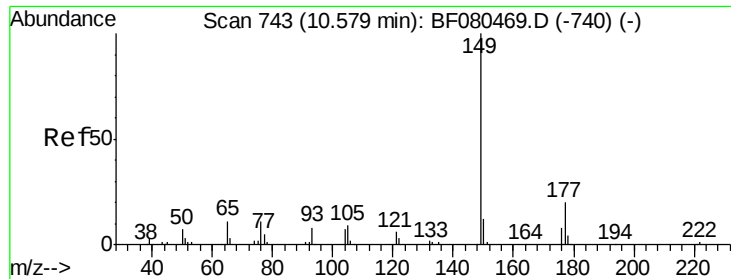
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

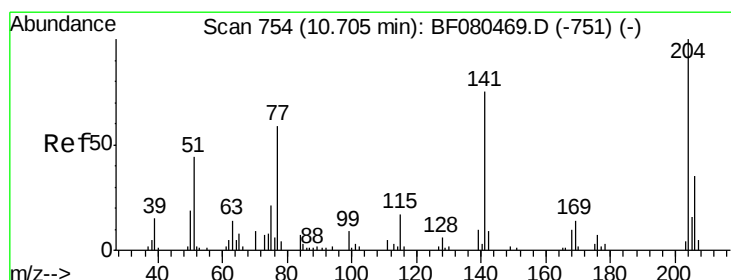
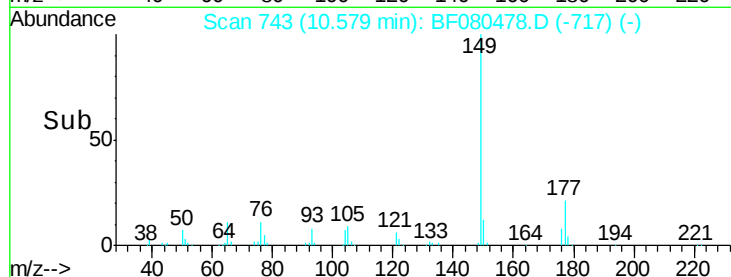
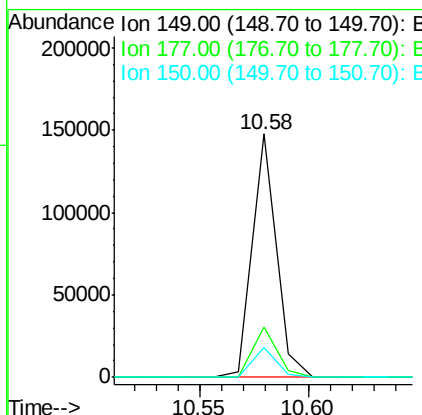
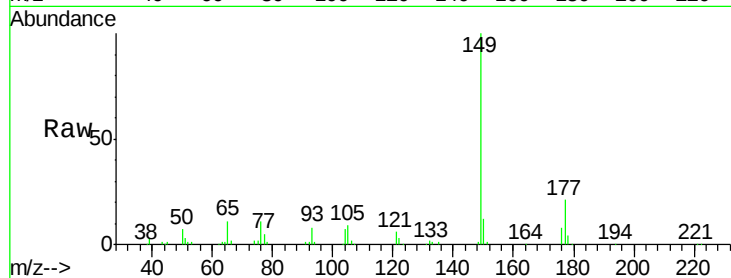




#59
Diethylphthalate
Concen: 38.77 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

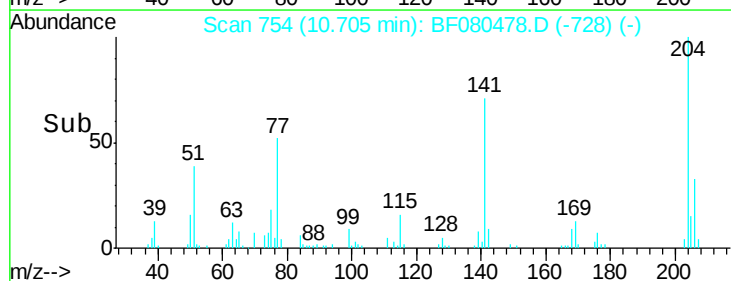
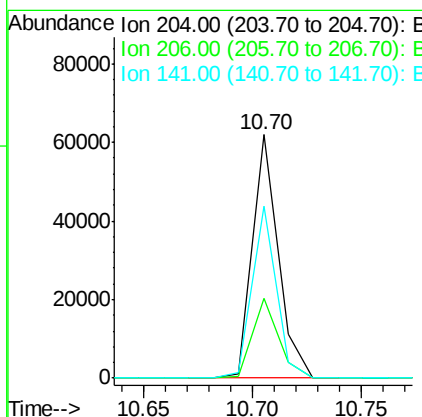
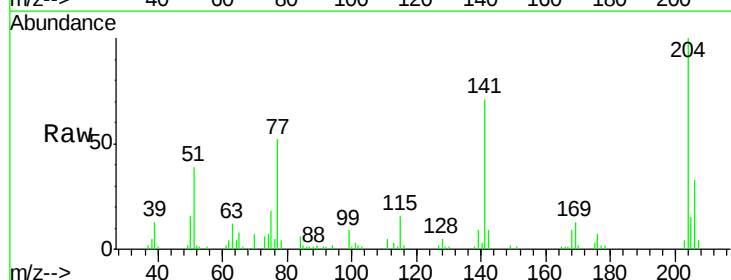
Instrument :
BNA_F
ClientSampleId :
PB84447BS

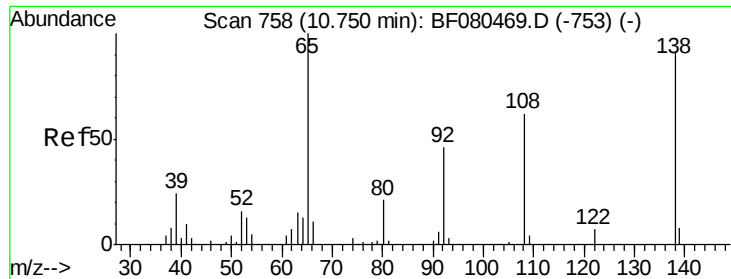
Tgt Ion:149 Resp: 113385
Ion Ratio Lower Upper
149 100
177 20.8 16.2 24.4
150 12.3 9.9 14.9



#60
4-Chlorophenyl-phenylether
Concen: 39.41 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion:204 Resp: 50890
Ion Ratio Lower Upper
204 100
206 33.0 27.7 41.5
141 70.7 59.6 89.4

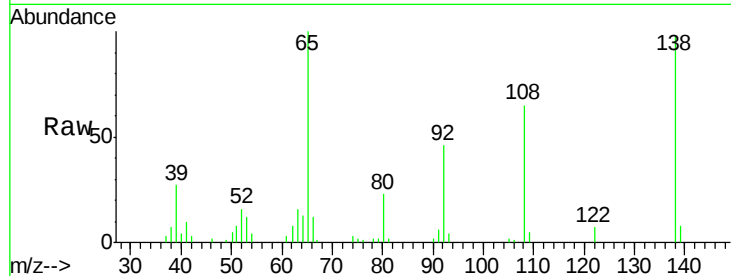




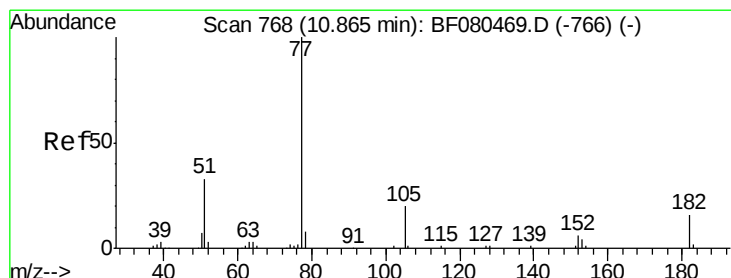
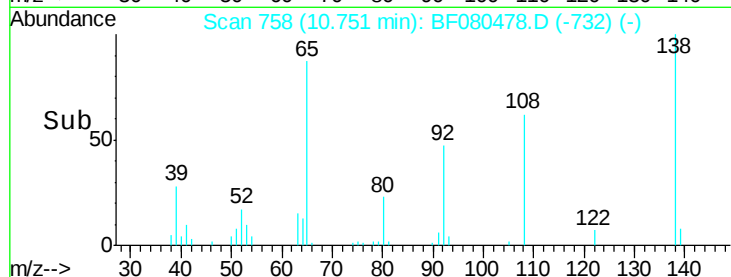
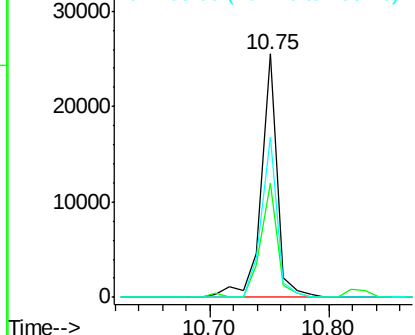
#61
4-Nitroaniline
Concen: 38.89 ng
RT: 10.75 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion:138 Resp: 24160
Ion Ratio Lower Upper
138 100
92 46.7 30.5 70.5
108 66.1 48.1 88.1

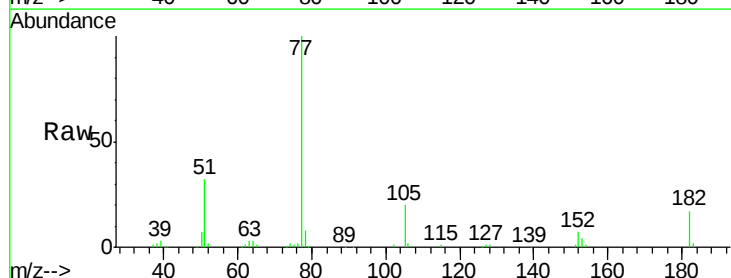


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

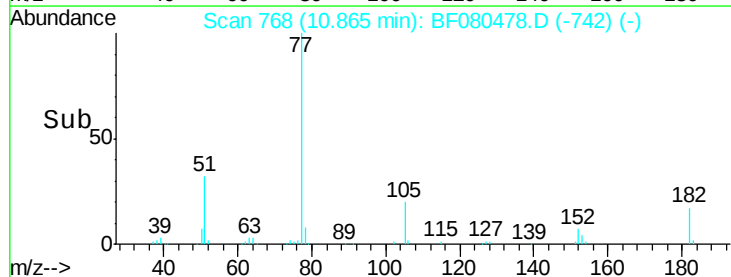
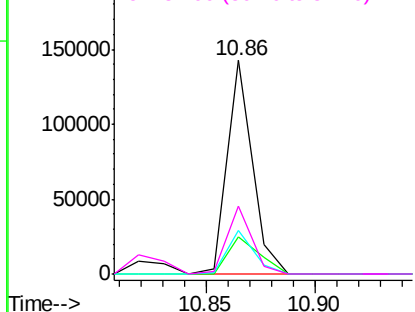


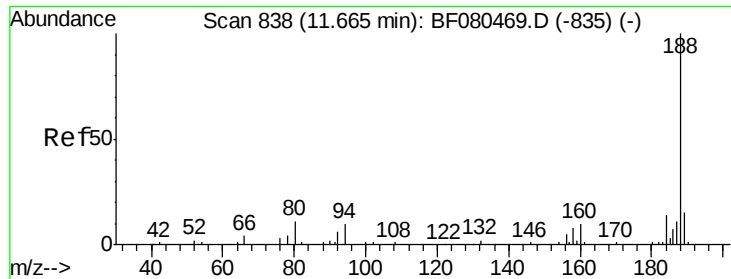
#62
Azobenzene
Concen: 40.77 ng
RT: 10.86 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion: 77 Resp: 113947
Ion Ratio Lower Upper
77 100
182 17.2 0.0 36.0
105 20.3 0.1 40.1
51 32.0 12.6 52.6



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

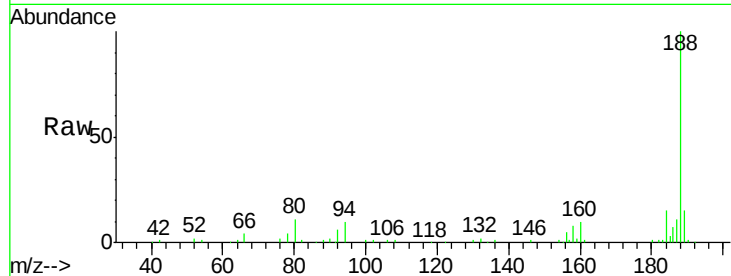




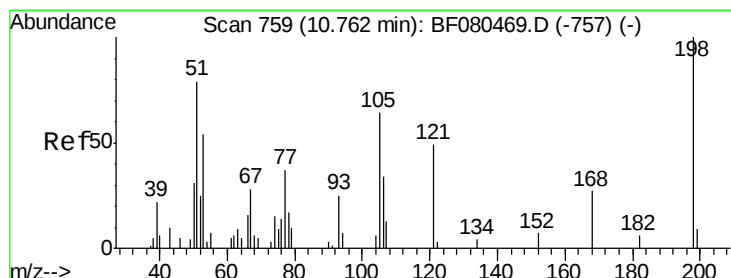
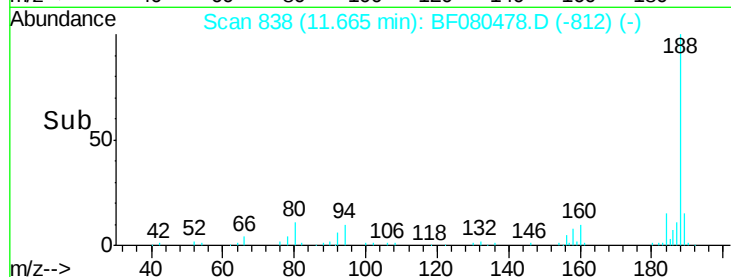
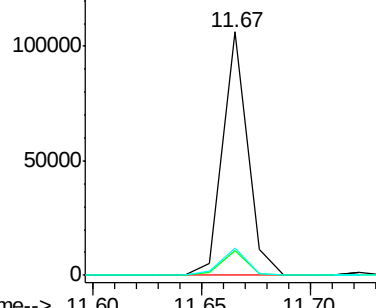
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.67 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion:188 Resp: 84228
 Ion Ratio Lower Upper
 188 100
 94 10.4 7.7 11.5
 80 11.3 8.8 13.2

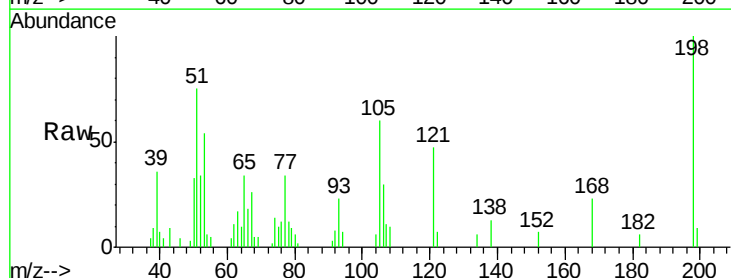


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

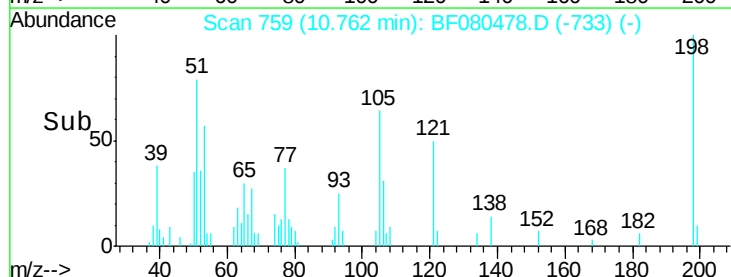
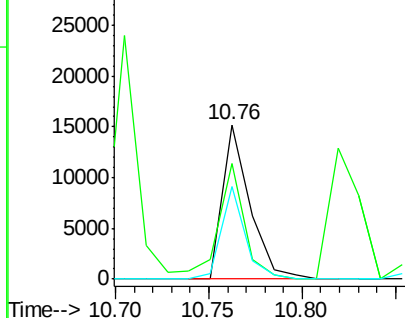


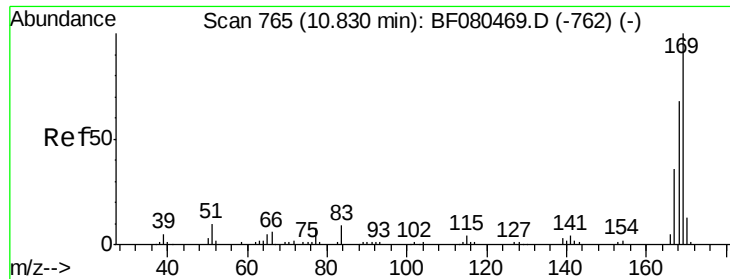
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.38 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion:198 Resp: 15541
 Ion Ratio Lower Upper
 198 100
 51 74.7 62.5 102.5
 105 59.8 43.6 83.6



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

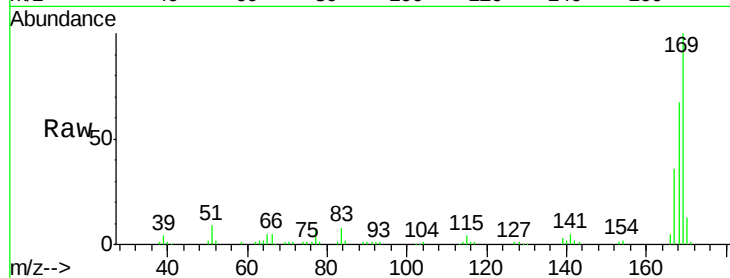




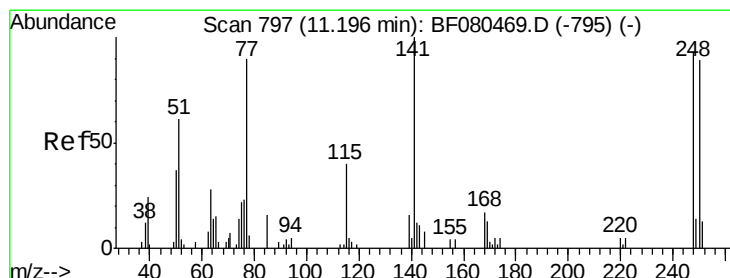
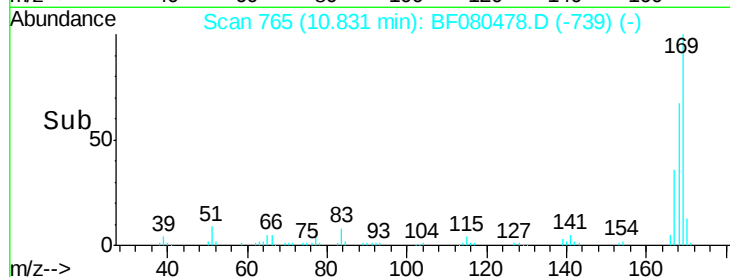
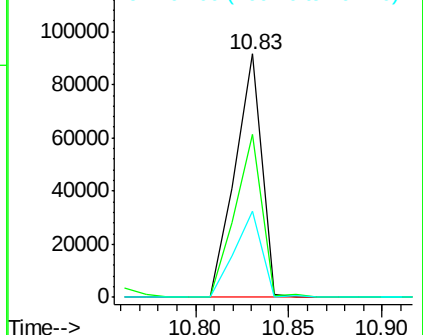
#65
 n-Nitrosodiphenylamine
 Concen: 33.64 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion:169 Resp: 92019
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.1 81.1
 167 35.6 29.0 43.6

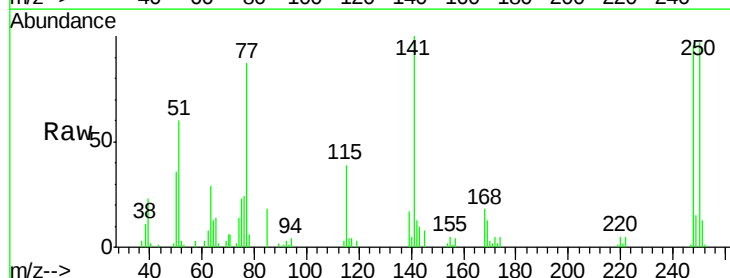


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

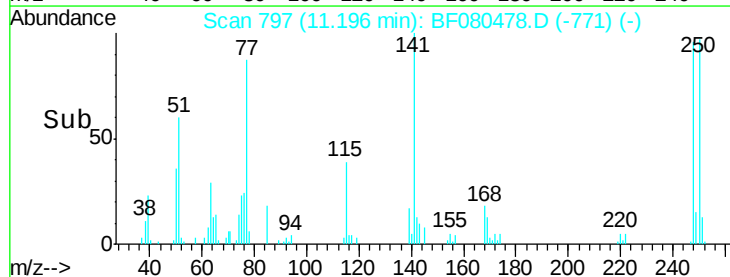
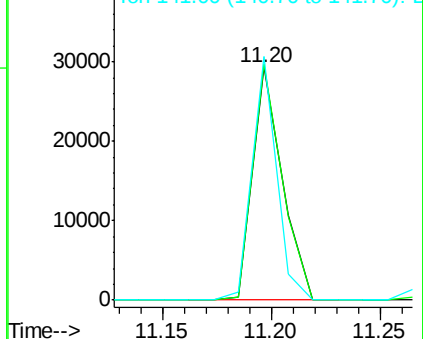


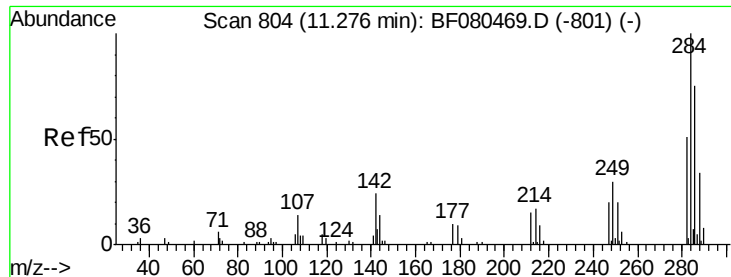
#66
 4-Bromophenyl-phenylether
 Concen: 32.99 ng
 RT: 11.20 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion:248 Resp: 27704
 Ion Ratio Lower Upper
 248 100
 250 101.4 76.8 115.2
 141 104.4 86.3 129.5



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

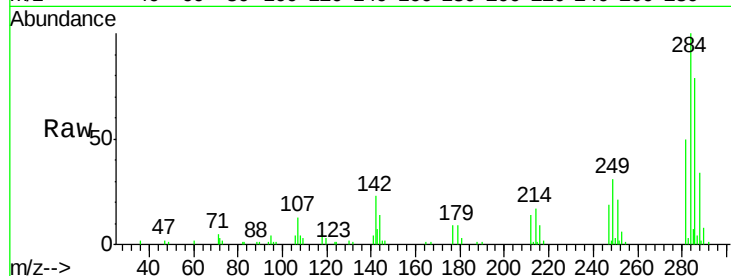




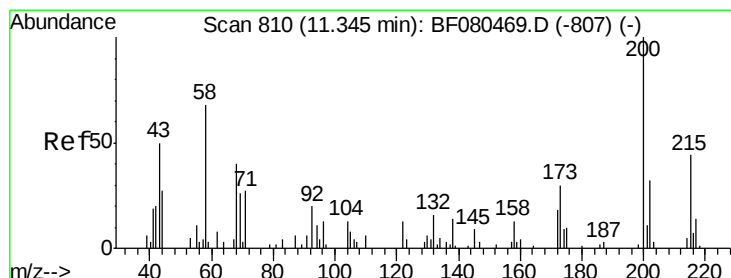
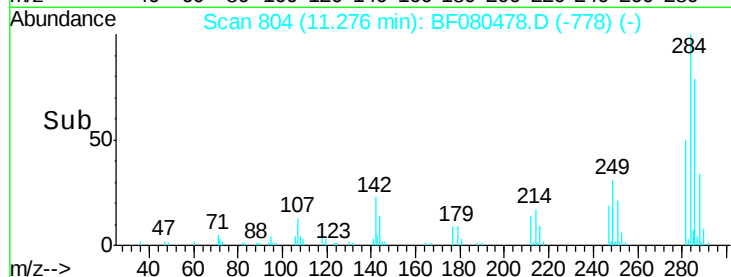
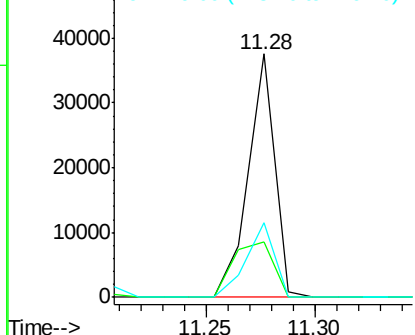
#67
Hexachlorobenzene
Concen: 34.92 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion:284 Resp: 31915
Ion Ratio Lower Upper
284 100
142 22.8 19.1 28.7
249 30.8 23.9 35.9

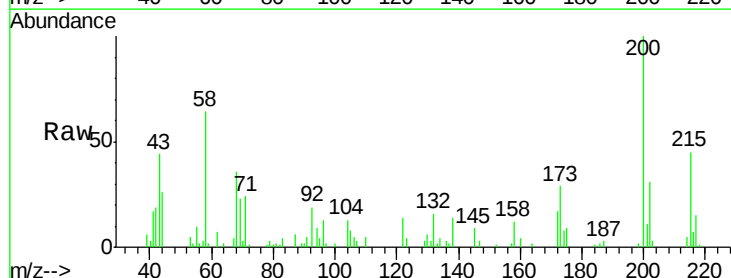


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

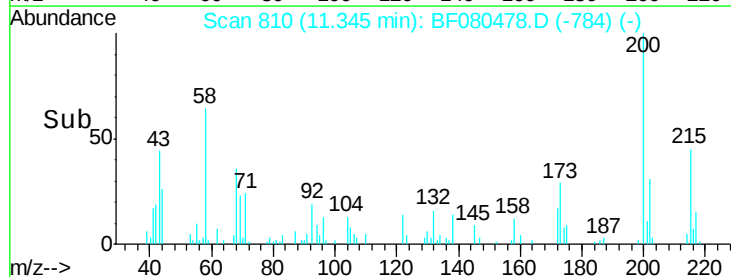
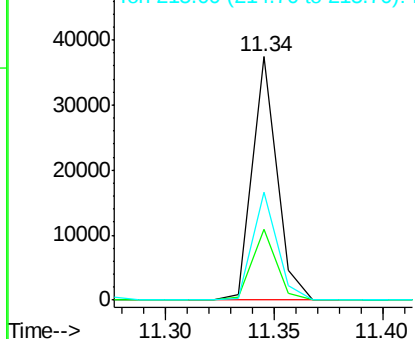


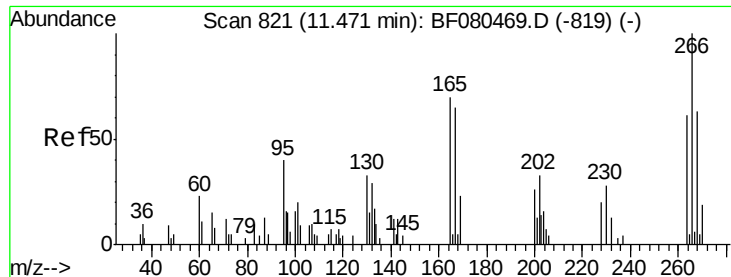
#68
Atrazine
Concen: 36.88 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion:200 Resp: 29398
Ion Ratio Lower Upper
200 100
173 29.0 9.7 49.7
215 44.6 23.7 63.7



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

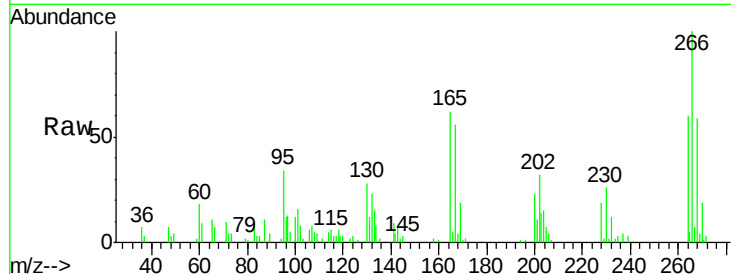




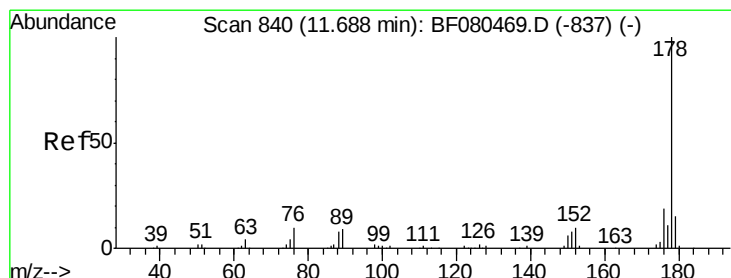
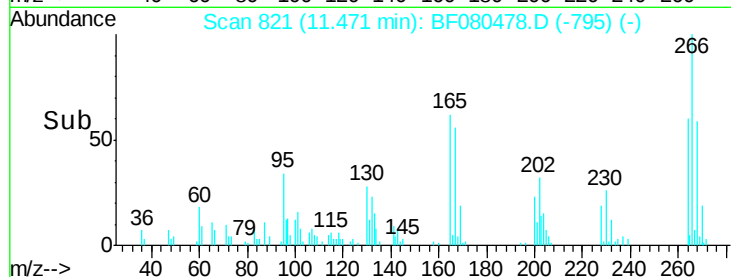
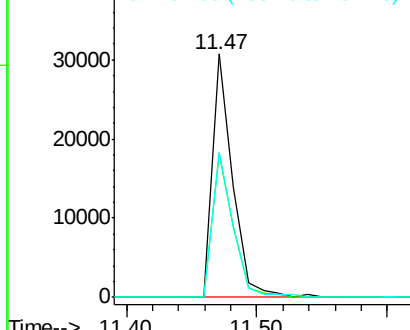
#69
 Pentachlorophenol
 Concen: 78.80 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion: 266 Resp: 33180
 Ion Ratio Lower Upper
 266 100
 268 59.0 50.3 75.5
 264 59.6 48.6 72.8

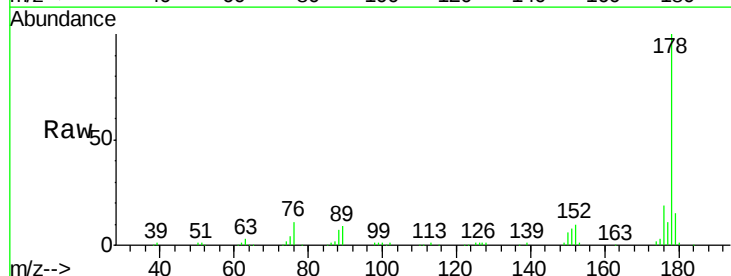


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

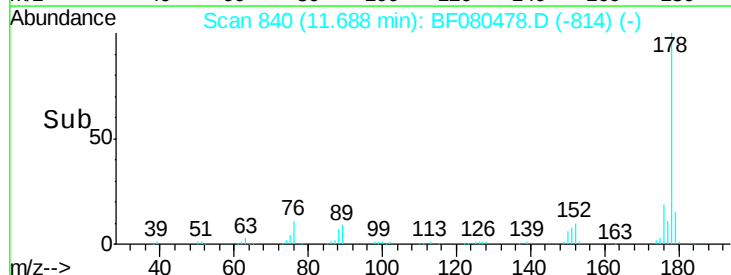
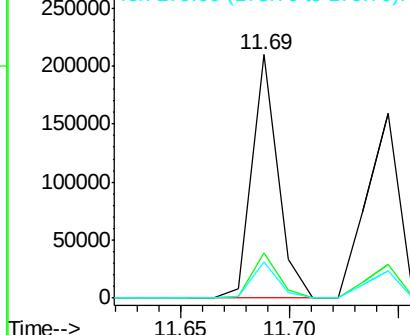


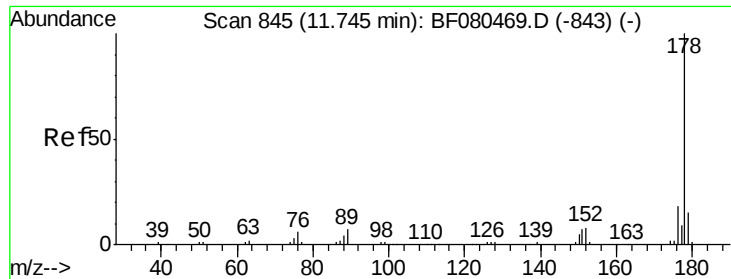
#70
 Phenanthrene
 Concen: 35.44 ng
 RT: 11.69 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion: 178 Resp: 173479
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.1 11.8 17.6



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

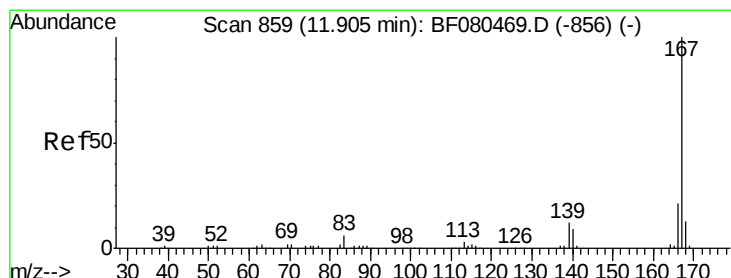
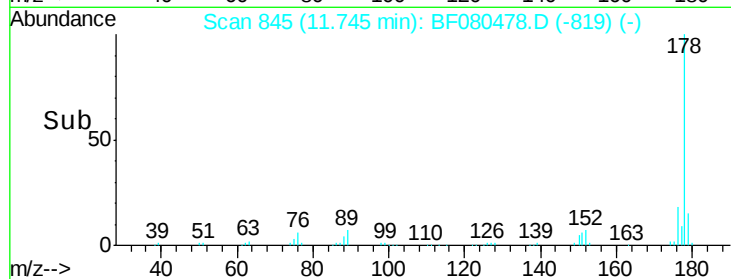
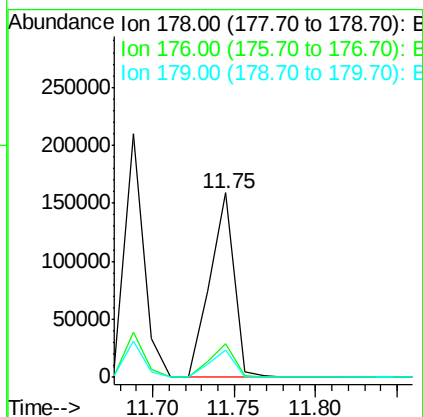
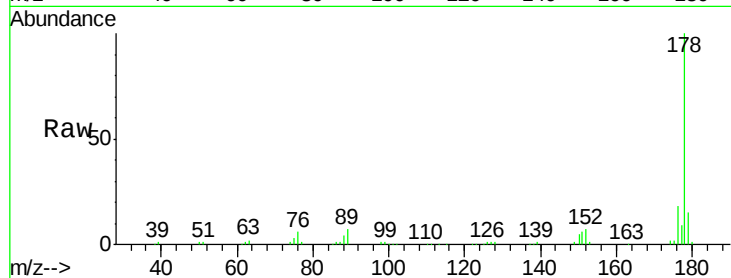




#71
 Anthracene
 Concen: 35.72 ng
 RT: 11.75 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

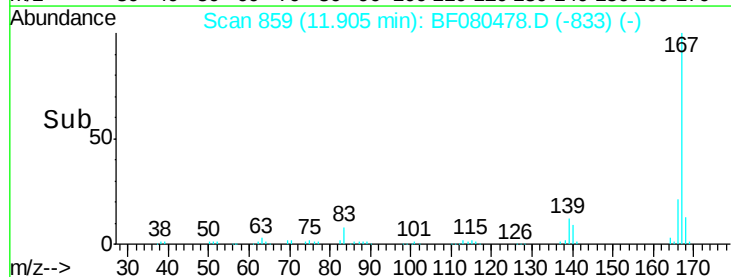
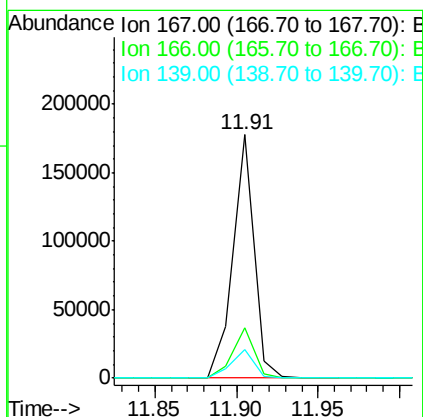
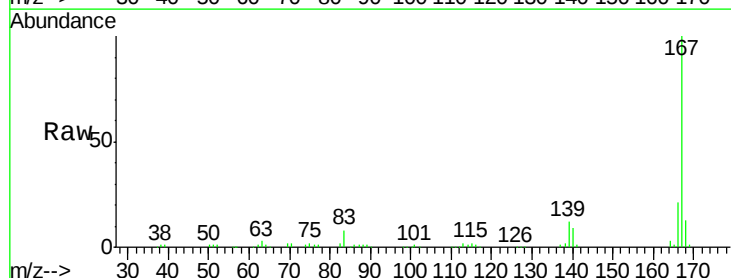
Instrument :
 BNA_F
 ClientSampled :
 PB84447BS

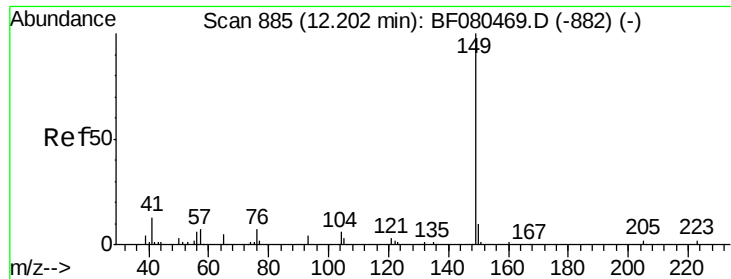
Tgt Ion:178 Resp: 164391
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.2 21.4
 179 14.7 11.8 17.6



#72
 Carbazole
 Concen: 37.78 ng
 RT: 11.91 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion:167 Resp: 157524
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 11.8 9.4 14.0





#73

Di-n-butylphthalate

Concen: 41.06 ng

RT: 12.21 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

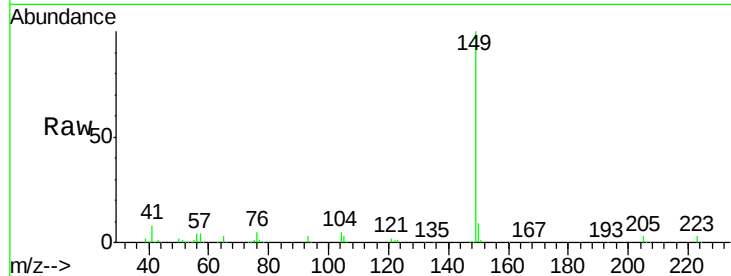
Tgt Ion:149 Resp: 181635

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

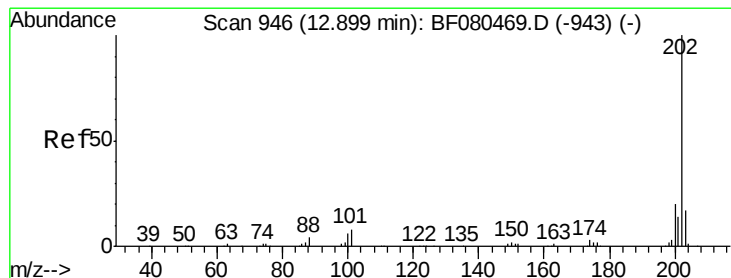
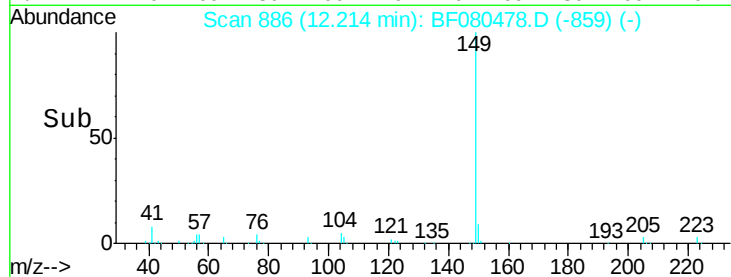
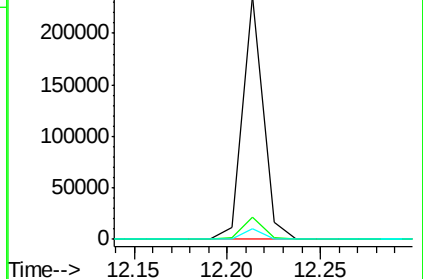
104 4.6 5.0 7.4#



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: 40.26 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.02 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

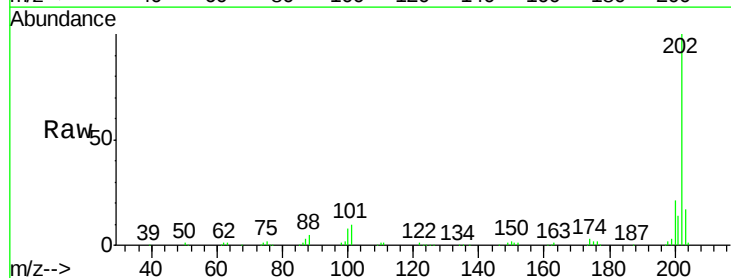
Tgt Ion:202 Resp: 194369

Ion Ratio Lower Upper

202 100

101 9.6 0.0 27.9

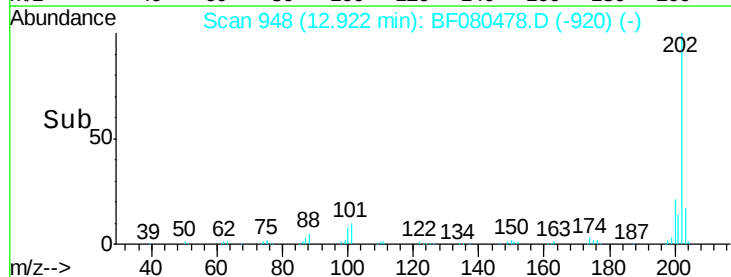
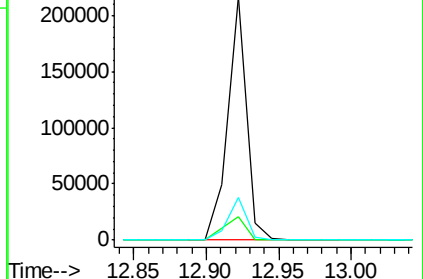
203 17.3 0.0 37.2

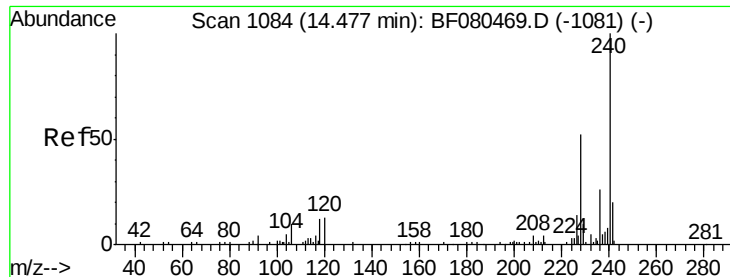


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.56 min Scan# 1091

Delta R.T. 0.08 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

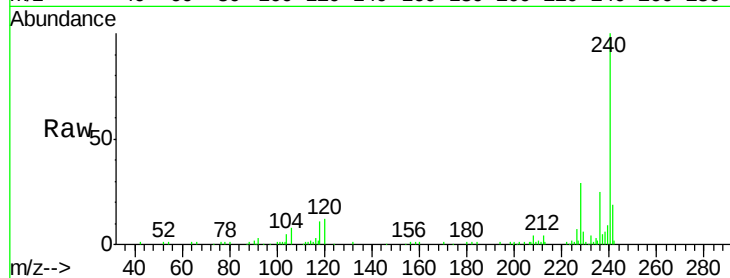
Tgt Ion:240 Resp: 99763

Ion Ratio Lower Upper

240 100

120 11.6 10.2 15.4

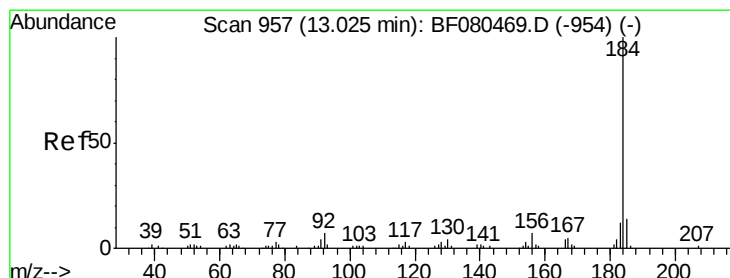
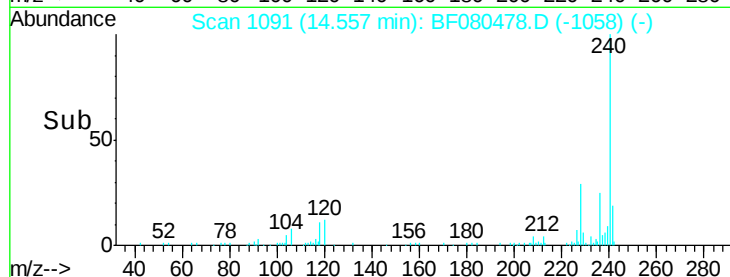
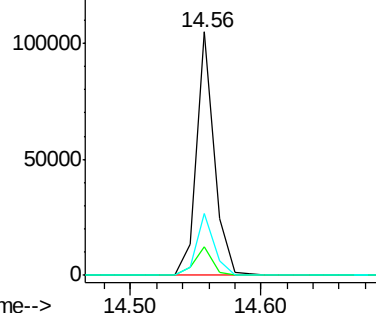
236 25.4 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.07 ng

RT: 13.06 min Scan# 960

Delta R.T. 0.03 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

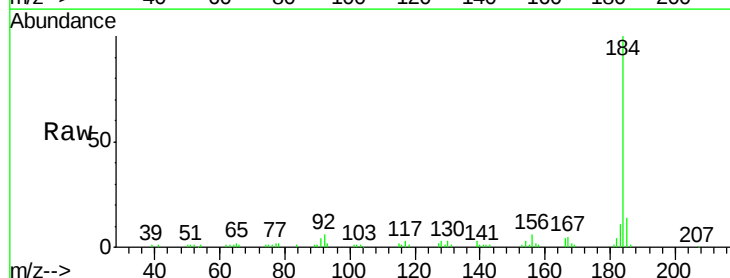
Tgt Ion:184 Resp: 77077

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

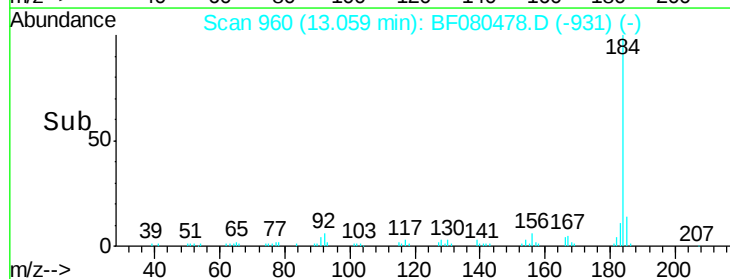
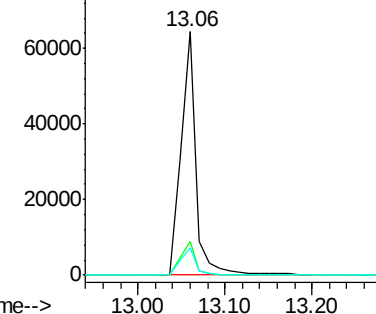
183 11.4 9.3 13.9

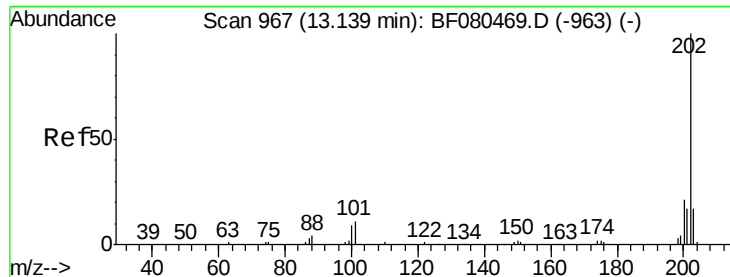


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

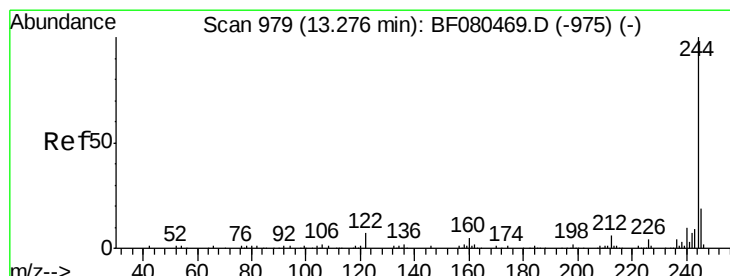
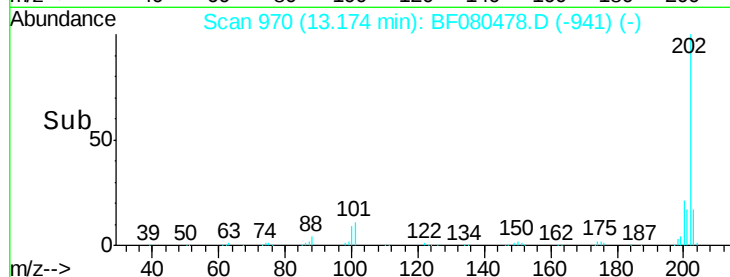
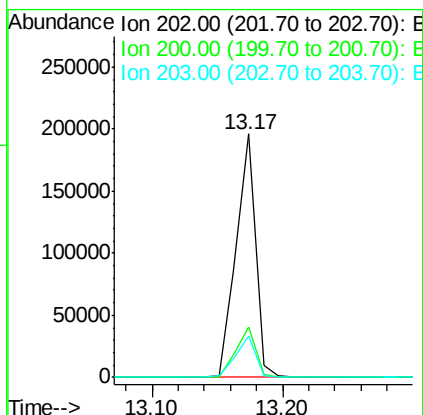
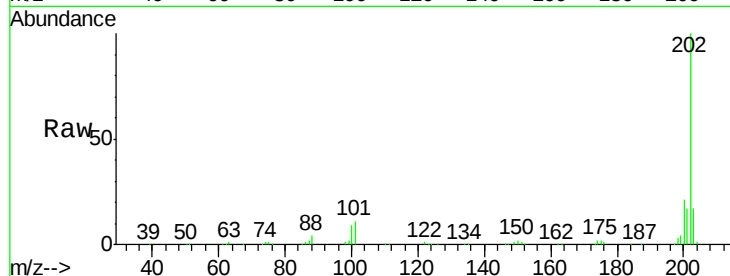




#77
 Pyrene
 Concen: 34.35 ng
 RT: 13.17 min Scan# 970
 Delta R.T. 0.03 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

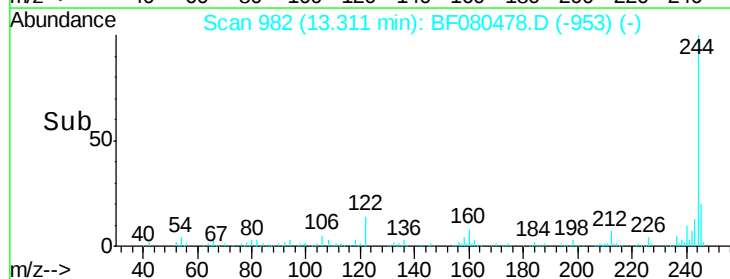
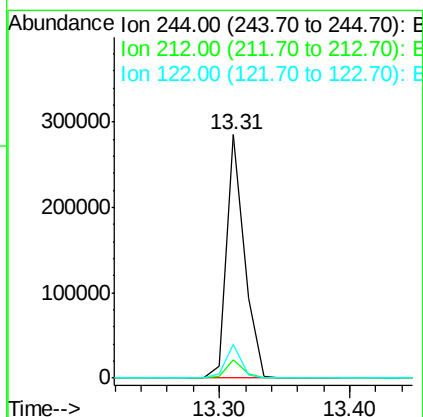
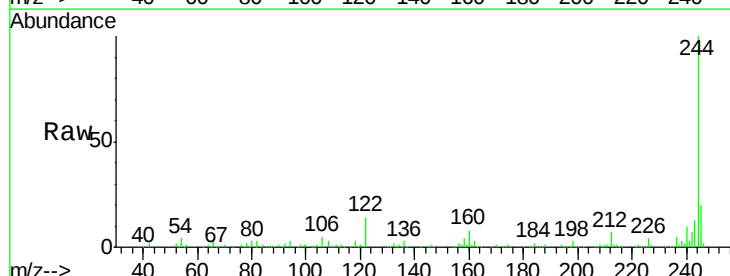
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

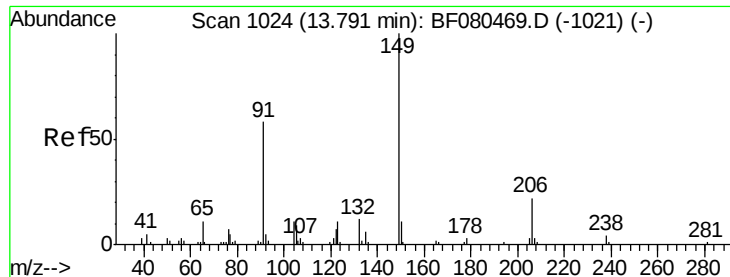
Tgt Ion: 202 Resp: 201733
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 24.8
 203 17.1 13.8 20.6



#78
 Terphenyl-d14
 Concen: 65.48 ng
 RT: 13.31 min Scan# 982
 Delta R.T. 0.03 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion: 244 Resp: 271004
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.9 7.3#
 122 13.7 5.2 7.8#

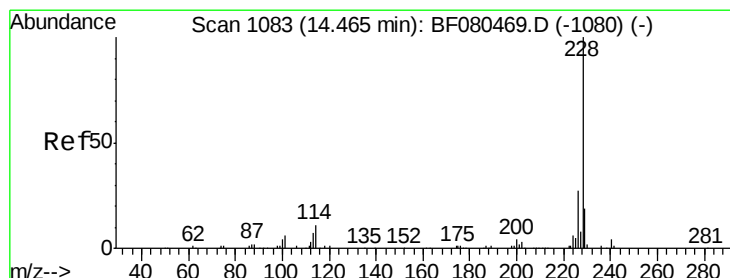
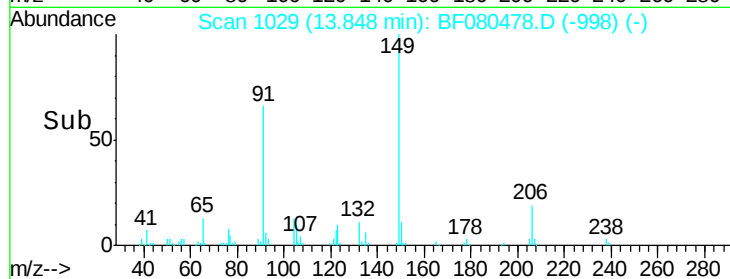
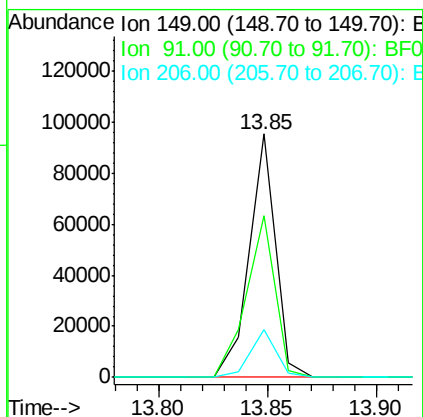
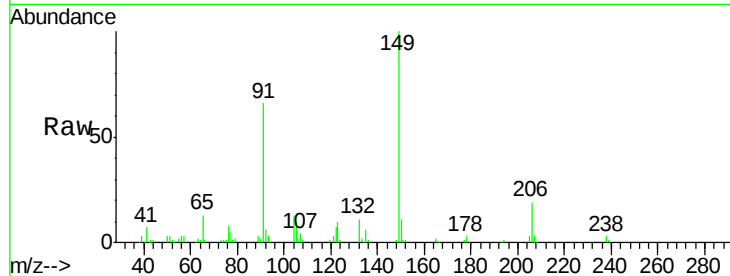




#79
Butylbenzylphthalate
Concen: 37.39 ng
RT: 13.85 min Scan# 1029
Delta R.T. 0.06 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

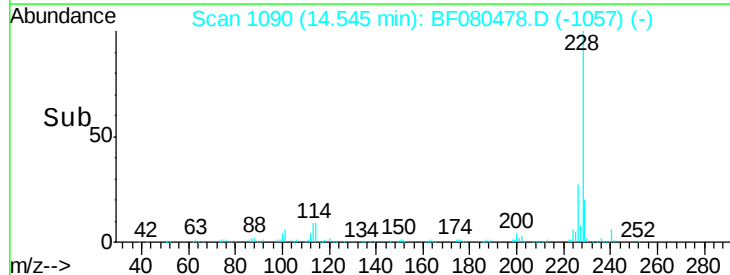
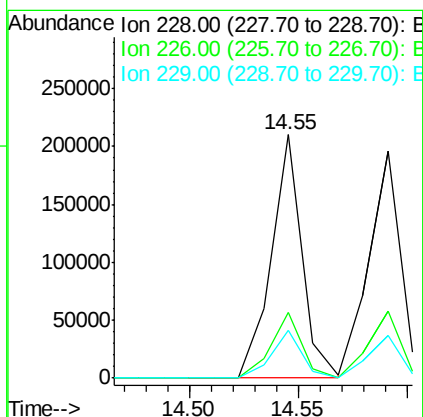
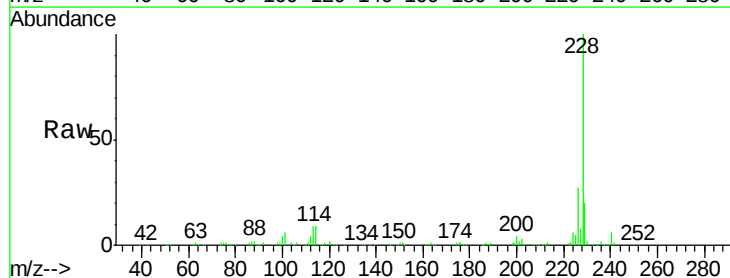
Instrument :
BNA_F
ClientSampleId :
PB84447BS

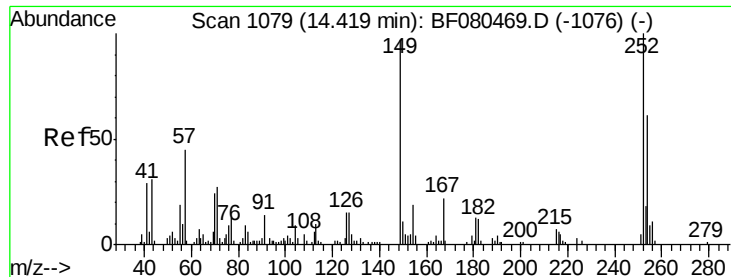
Tgt Ion:149 Resp: 80214
Ion Ratio Lower Upper
149 100
91 66.2 46.6 69.8
206 19.4 17.5 26.3



#80
Benzo(a)anthracene
Concen: 35.84 ng
RT: 14.55 min Scan# 1090
Delta R.T. 0.08 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion:228 Resp: 208364
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.8 15.3 22.9

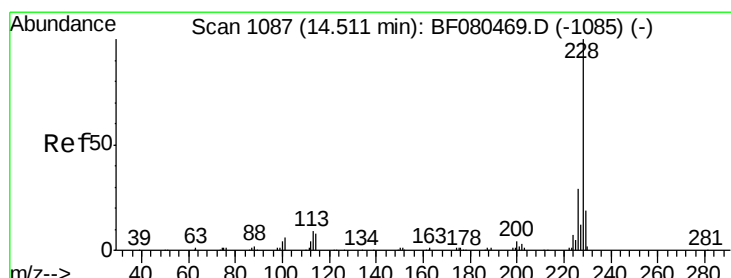
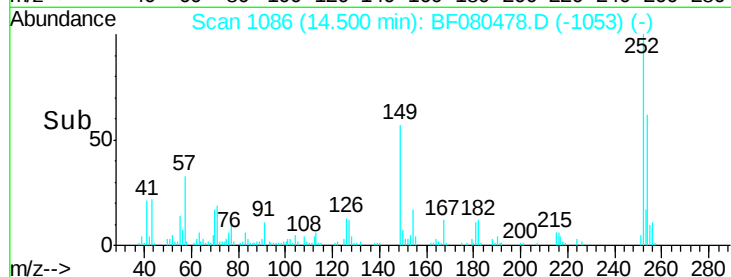
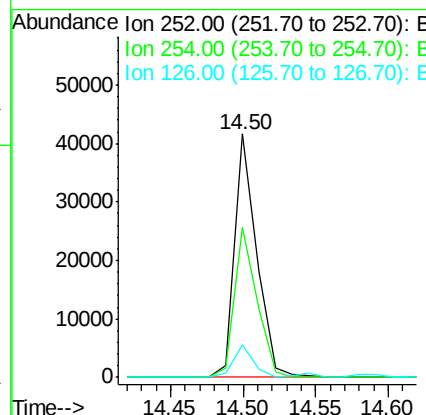
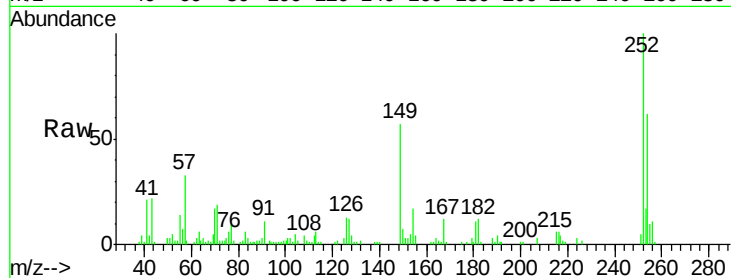




#81
 3,3'-Dichlorobenzidine
 Concen: 23.95 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.08 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

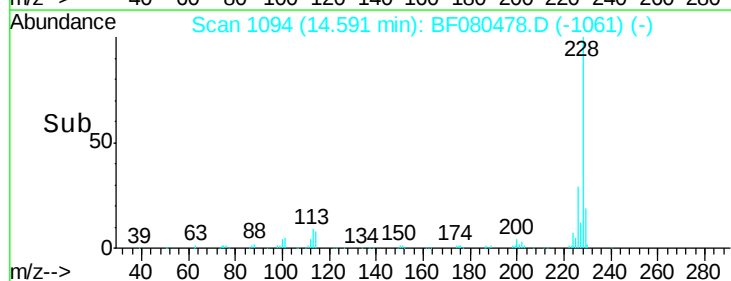
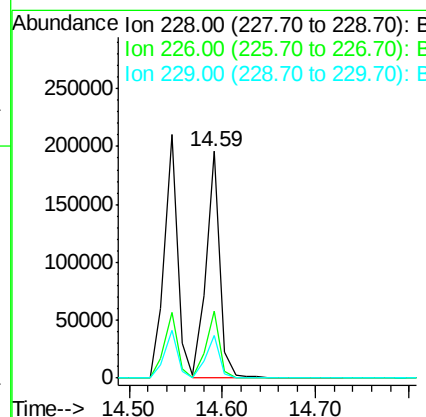
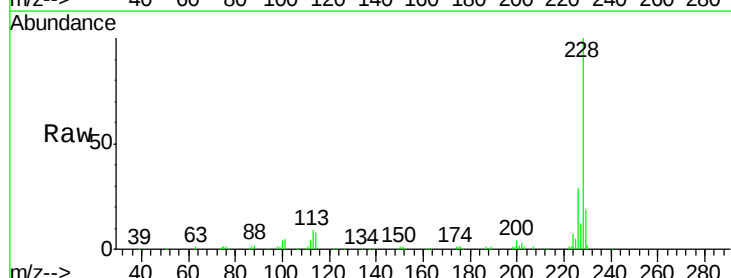
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

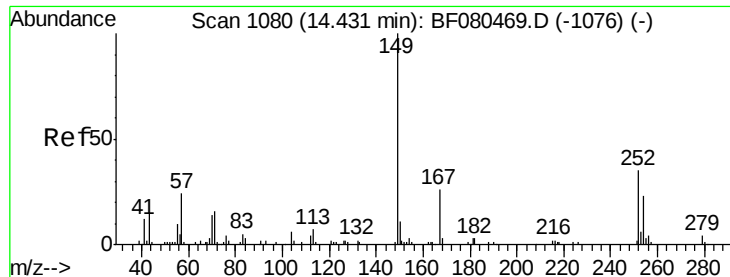
Tgt Ion: 252 Resp: 44007
 Ion Ratio Lower Upper
 252 100
 254 61.7 48.9 73.3
 126 13.4 11.7 17.5



#82
 Chrysene
 Concen: 36.54 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.08 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion: 228 Resp: 203072
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.1 34.7
 229 18.6 15.3 22.9

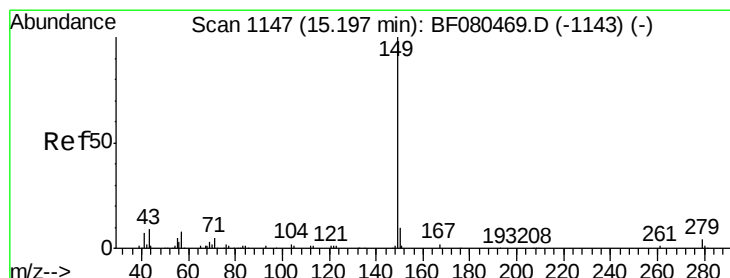
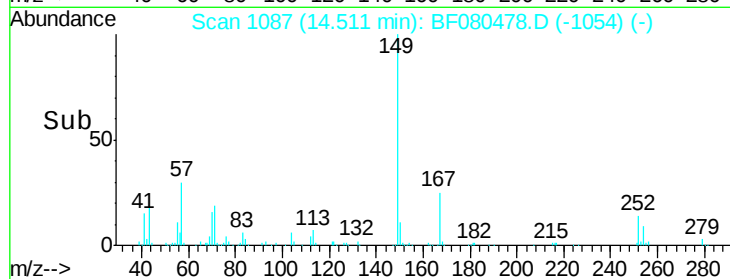
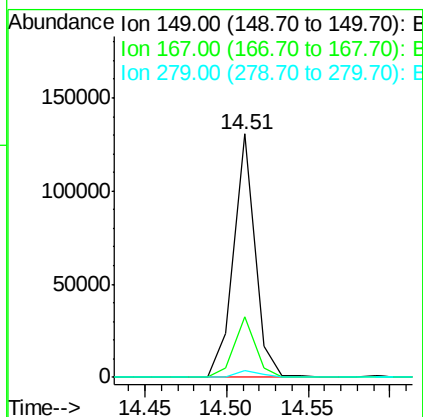
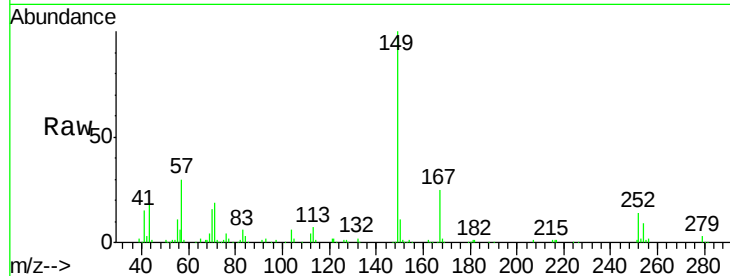




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.96 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. 0.08 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

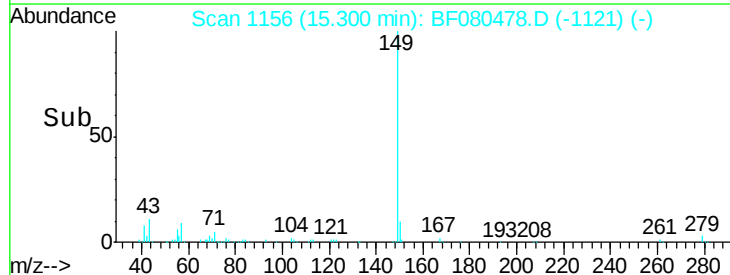
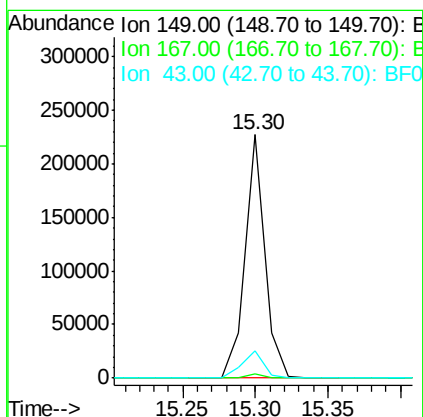
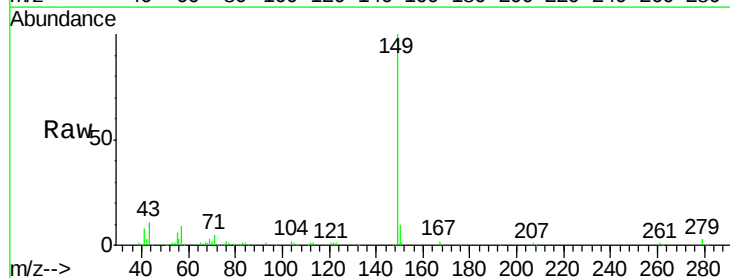
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

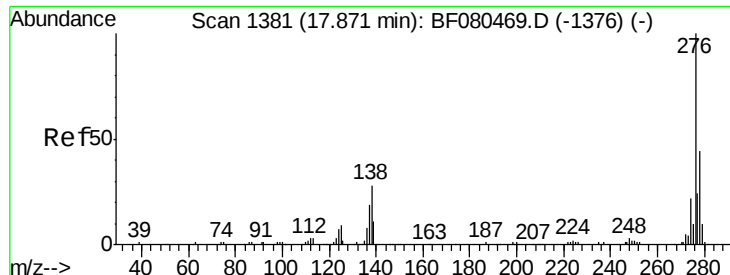
Tgt Ion:149 Resp: 118308
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.1 31.7
 279 3.0 3.3 4.9#



#84
 Di-n-octyl phthalate
 Concen: 38.54 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. 0.10 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion:149 Resp: 215726
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 11.9 9.9 14.9

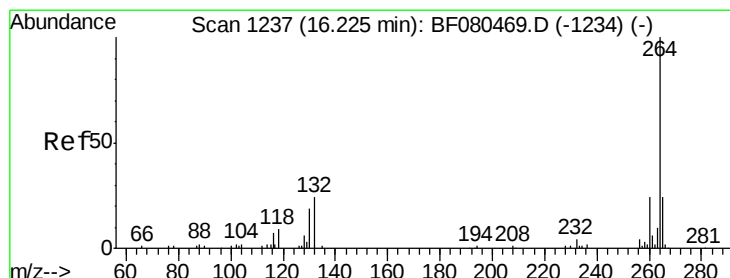
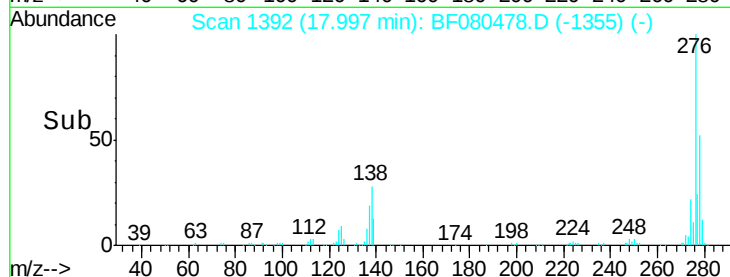
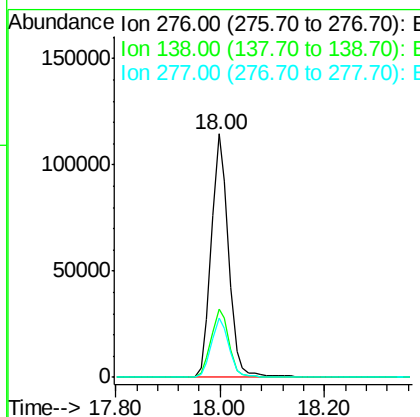
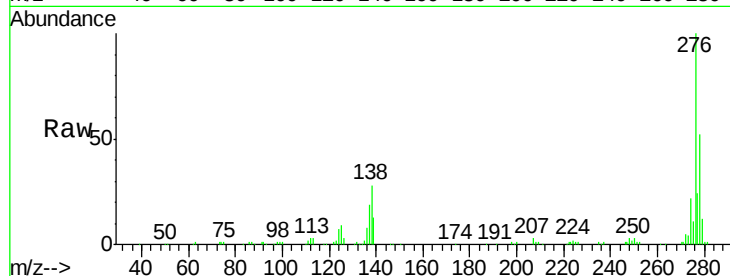




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.24 ng
 RT: 18.00 min Scan# 1392
 Delta R.T. 0.13 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

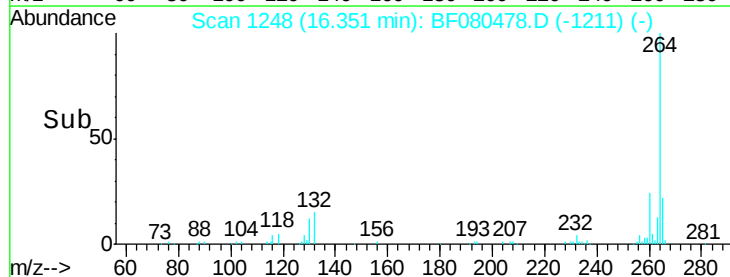
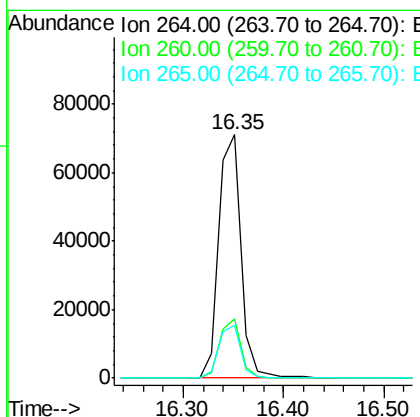
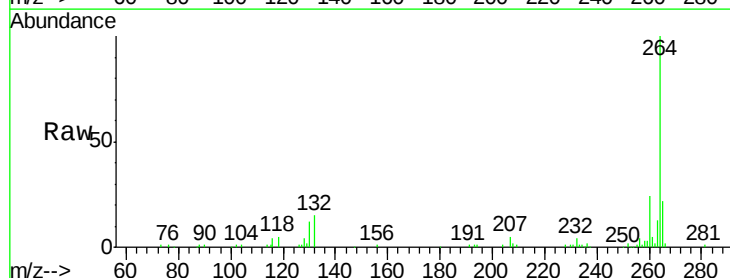
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

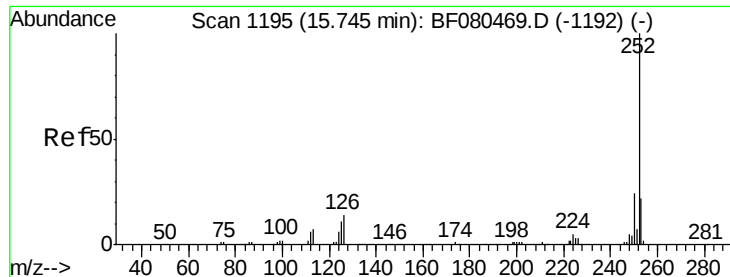
Tgt Ion: 276 Resp: 264891
 Ion Ratio Lower Upper
 276 100
 138 29.1 23.0 34.6
 277 24.7 19.7 29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.35 min Scan# 1248
 Delta R.T. 0.13 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion: 264 Resp: 109720
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.9 18.9 28.3

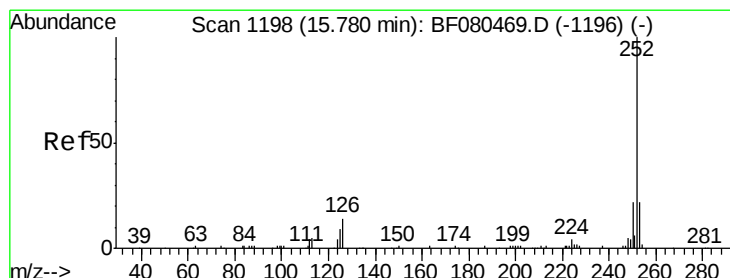
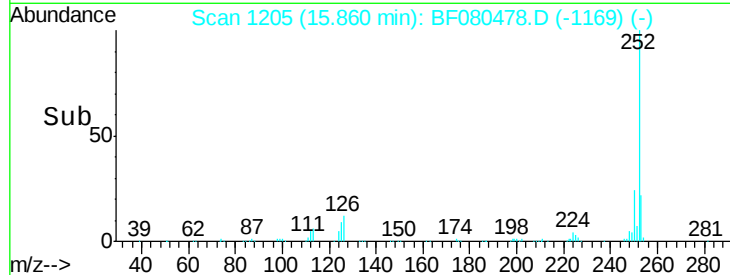
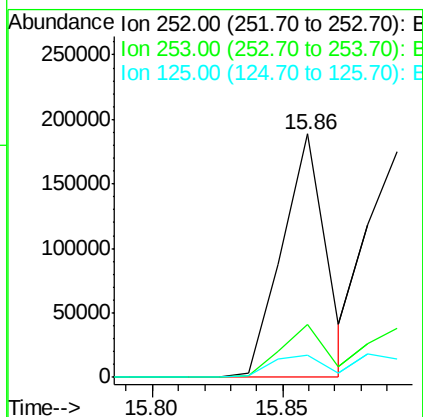
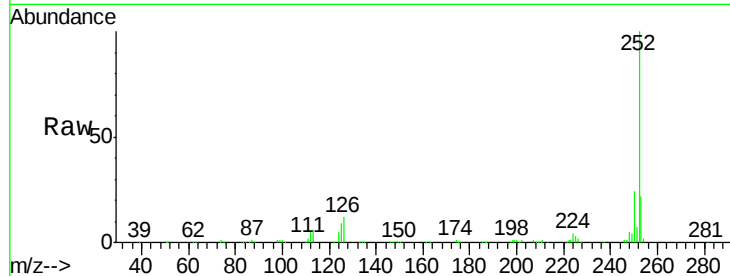




#87
Benzo(b)fluoranthene
Concen: 35.16 ng
RT: 15.86 min Scan# 1205
Delta R.T. 0.11 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

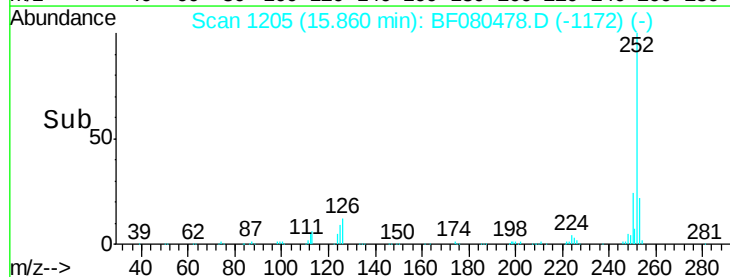
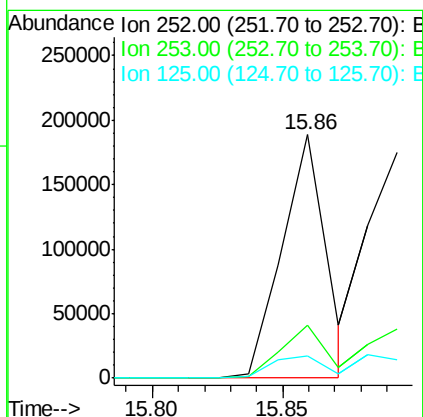
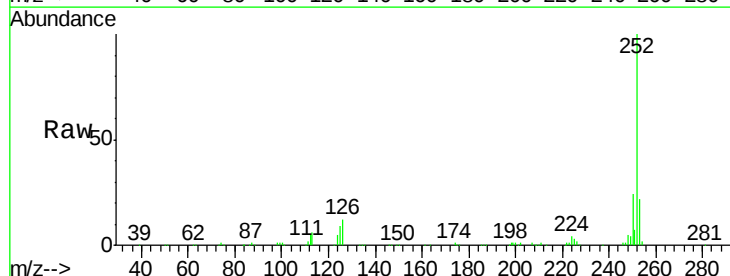
Instrument :
BNA_F
ClientSampleId :
PB84447BS

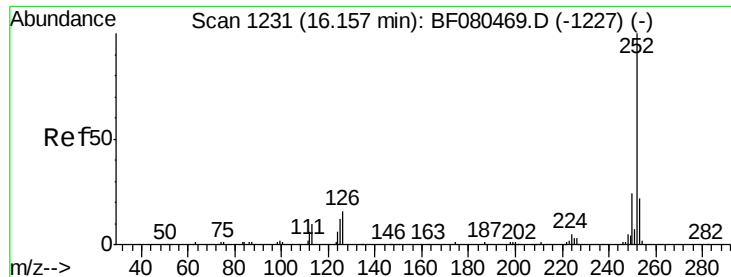
Tgt Ion: 252 Resp: 220398
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.2 9.0 13.4



#88
Benzo(k)fluoranthene
Concen: 36.40 ng
RT: 15.86 min Scan# 1205
Delta R.T. 0.08 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion: 252 Resp: 220398
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 9.2 7.0 10.4





#89

Benzo(a)pyrene

Concen: 36.10 ng

RT: 16.27 min Scan# 1241

Delta R.T. 0.11 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

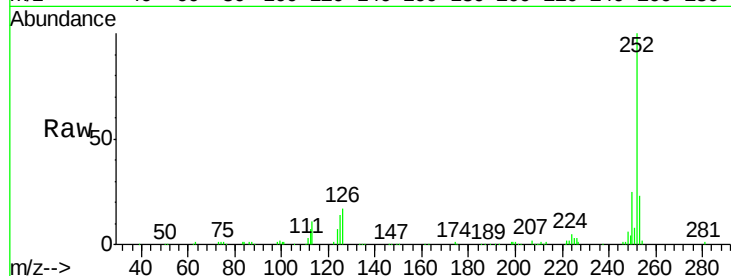
Tgt Ion:252 Resp: 222872

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

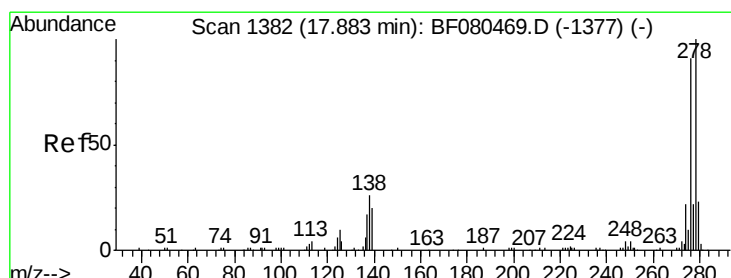
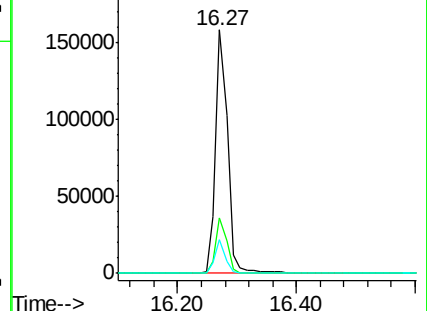
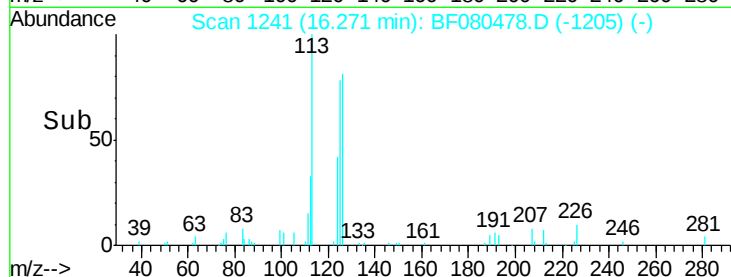
125 13.8 9.9 14.9



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: 31.40 ng

RT: 18.01 min Scan# 1393

Delta R.T. 0.13 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

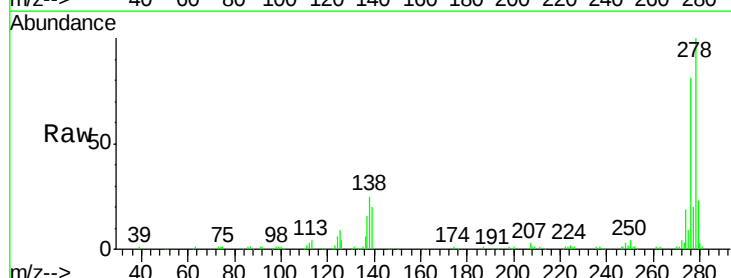
Tgt Ion:278 Resp: 219868

Ion Ratio Lower Upper

278 100

139 20.0 16.0 24.0

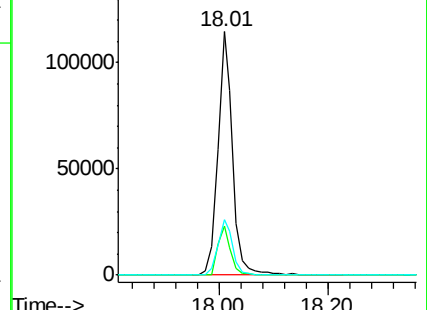
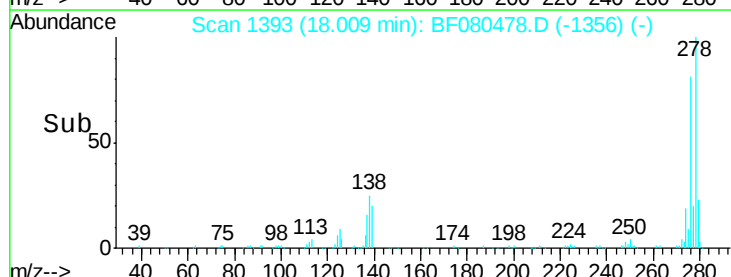
279 22.9 18.4 27.6

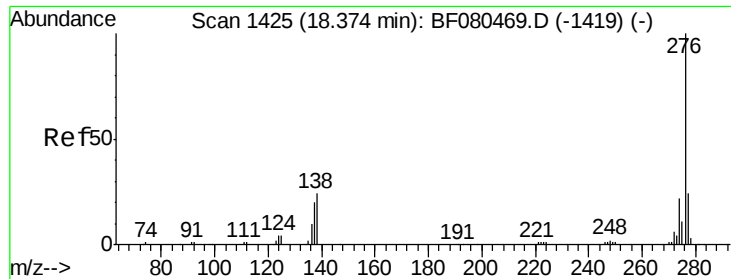


Abundance Ion 278.00 (277.70 to 278.70): E

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: 30.31 ng

RT: 18.50 min Scan# 1436

Delta R.T. 0.13 min

Lab File: BF080478.D

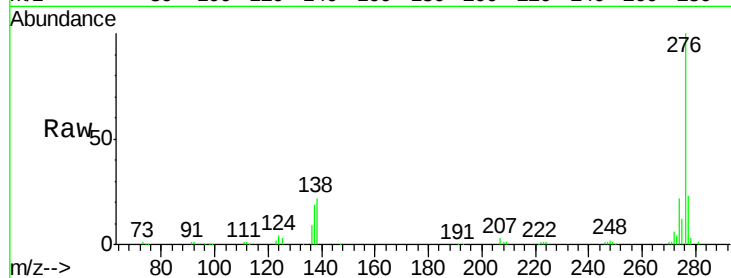
Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS



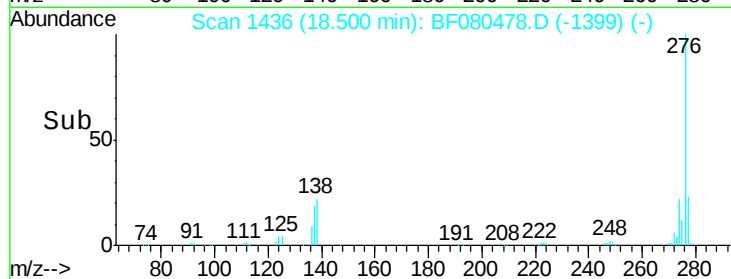
Tgt Ion: 276 Resp: 222096

Ion Ratio Lower Upper

276 100

277 23.2 19.1 28.7

138 21.9 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

