

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080580.D
 Acq On : 23 Jul 2015 4:00
 Operator : TP/UM
 Sample : PB84616BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Quant Time: Jul 23 05:50:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44536	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	171325	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	81849	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	147338	20.00	ng	0.00
75) Chrysene-d12	14.23	240	113004	20.00	ng	-0.09
86) Perylene-d12	15.83	264	78529	20.00	ng	-0.19

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	253515	100.95	ng	0.01
7) Phenol-d6	6.57	99	329133	106.41	ng	0.00
23) Nitrobenzene-d5	7.52	82	199168	74.88	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	64895	107.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	356856	62.70	ng	0.00
78) Terphenyl-d14	13.09	244	350338	63.58	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	31180	23.88	ng	# 100
3) Pyridine	3.30	79	86837	28.65	ng	93
4) n-Nitrosodimethylamine	3.21	42	56880	29.71	ng	# 95
6) Aniline	6.61	93	72612	15.67	ng	96
8) 2-Chlorophenol	6.74	128	84457	32.11	ng	96
9) Benzaldehyde	6.50	77	27270	11.72	ng	91
10) Phenol	6.58	94	129200	35.12	ng	97
11) bis(2-Chloroethyl)ether	6.68	93	87884	33.26	ng	94
12) 1,3-Dichlorobenzene	6.90	146	100104	29.42	ng	97
13) 1,4-Dichlorobenzene	6.98	146	95821	29.57	ng	98
14) 1,2-Dichlorobenzene	7.13	146	102359	32.75	ng	98
15) Benzyl Alcohol	7.09	79	80123	31.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	167499	30.27	ng	97
17) 2-Methylphenol	7.20	107	70768	31.55	ng	96
18) Hexachloroethane	7.47	117	34054	29.81	ng	# 68
19) n-Nitroso-di-n-propylamine	7.36	70	61230	30.82	ng	# 80
20) 3+4-Methylphenols	7.36	107	87594	30.96	ng	# 87
22) Acetophenone	7.37	105	128643	31.45	ng	95
24) Nitrobenzene	7.54	77	95573	31.03	ng	98
25) Isophorone	7.78	82	173896	30.95	ng	# 96
26) 2-Nitrophenol	7.86	139	26662	37.14	ng	95
27) 2,4-Dimethylphenol	7.89	122	74121	31.16	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	94103	31.23	ng	99
29) 2,4-Dichlorophenol	8.10	162	66365	34.91	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	79684	29.98	ng	97
31) Naphthalene	8.27	128	259107	30.46	ng	99
32) Benzoic acid	7.95	122	29690	43.07	ng	# 85
33) 4-Chloroaniline	8.32	127	47995	14.66	ng	96
34) Hexachlorobutadiene	8.40	225	47825	30.81	ng	99
35) Caprolactam	8.64	113	15926	29.71	ng	95
36) 4-Chloro-3-methylphenol	8.78	107	86132	36.64	ng	96
37) 2-Methylnaphthalene	8.96	142	155197	32.57	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	83149	29.63	ng	98
40) Hexachlorocyclopentadiene	9.12	237	89789	74.27	ng	97

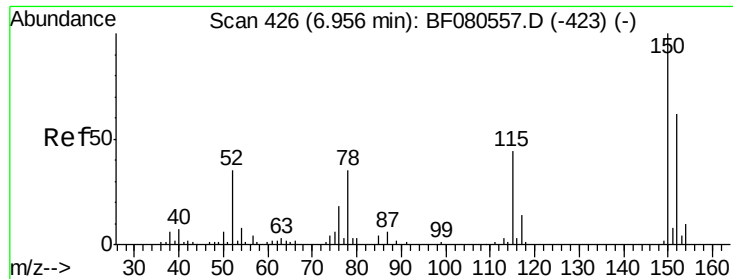
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080580.D
 Acq On : 23 Jul 2015 4:00
 Operator : TP/UM
 Sample : PB84616BS
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	41513	29.87	ng	95
43) 2,4,5-Trichlorophenol	9.26	196	47907	32.98	ng	95
45) 1,1'-Biphenyl	9.42	154	210334	30.66	ng	98
46) 2-Chloronaphthalene	9.45	162	160987	29.71	ng	97
47) 2-Nitroaniline	9.54	65	43743	37.49	ng	97
48) Acenaphthylene	9.87	152	234869	29.53	ng	98
49) Dimethylphthalate	9.72	163	193459	33.66	ng	99
50) 2,6-Dinitrotoluene	9.78	165	32783	35.13	ng	94
51) Acenaphthene	10.04	154	148436	31.77	ng	97
52) 3-Nitroaniline	9.95	138	20599	25.15	ng	94
53) 2,4-Dinitrophenol	10.05	184	15032	75.14	ng	# 74
54) Dibenzofuran	10.21	168	217725	31.72	ng	100
55) 4-Nitrophenol	10.09	139	48489	61.54	ng	89
56) 2,4-Dinitrotoluene	10.18	165	40961	39.41	ng	98
57) Fluorene	10.56	166	173539	31.64	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	38437	33.41	ng	# 98
59) Diethylphthalate	10.42	149	170298	32.11	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	75587	31.96	ng	99
61) 4-Nitroaniline	10.56	138	32372	32.88	ng	94
62) Azobenzene	10.70	77	197483	33.81	ng	99
64) 4,6-Dinitro-2-methylphenol	10.59	198	11093	44.99	ng	85
65) n-Nitrosodiphenylamine	10.66	169	149565	30.79	ng	98
66) 4-Bromophenyl-phenylether	11.04	248	44429	31.33	ng	95
67) Hexachlorobenzene	11.10	284	52409	32.54	ng	99
68) Atrazine	11.18	200	42749	32.80	ng	97
69) Pentachlorophenol	11.29	266	45948	71.85	ng	97
70) Phenanthrene	11.52	178	253796	30.35	ng	99
71) Anthracene	11.57	178	244552	31.60	ng	98
72) Carbazole	11.72	167	226160	32.26	ng	98
73) Di-n-butylphthalate	12.06	149	243125	29.82	ng	99
74) Fluoranthene	12.72	202	224496	29.67	ng	92
76) Benzidine	12.84	184	363583	108.21	ng	99
77) Pyrene	12.95	202	257723	33.50	ng	98
79) Butylbenzylphthalate	13.60	149	87863	37.80	ng	# 76
80) Benzo(a)anthracene	14.21	228	210001	32.70	ng	100
81) 3,3'-Dichlorobenzidine	14.18	252	51861	27.37	ng	# 96
82) Chrysene	14.26	228	190069	29.62	ng	100
83) Bis(2-ethylhexyl)phthalate	14.23	149	136153	33.76	ng	# 99
84) Di-n-octyl phthalate	14.93	149	185368	37.41	ng	95
85) Indeno(1,2,3-cd)pyrene	17.33	276	203801	44.70	ng	97
87) Benzo(b)fluoranthene	15.39	252	154907	31.37	ng	96
88) Benzo(k)fluoranthene	15.39	252	154907	31.69	ng	# 94
89) Benzo(a)pyrene	15.77	252	143438	33.52	ng	# 89
90) Dibenzo(a,h)anthracene	17.37	278	163697	44.82	ng	97
91) Benzo(g,h,i)perylene	17.79	276	198790	53.53	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

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ClientSampleId :

PB84616BS

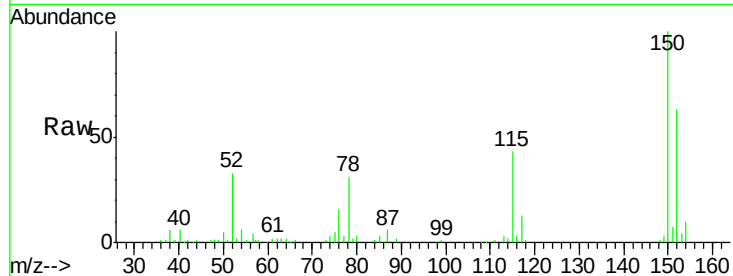
Tgt Ion:152 Resp: 44536

Ion Ratio Lower Upper

152 100

150 157.6 128.7 193.1

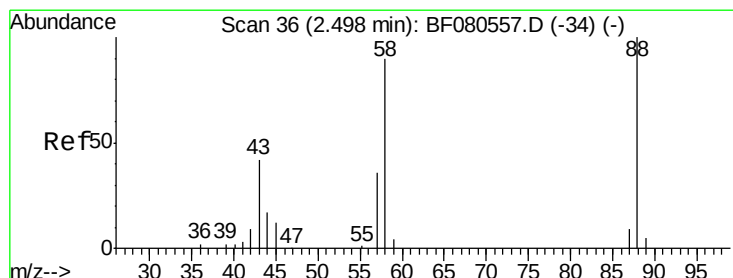
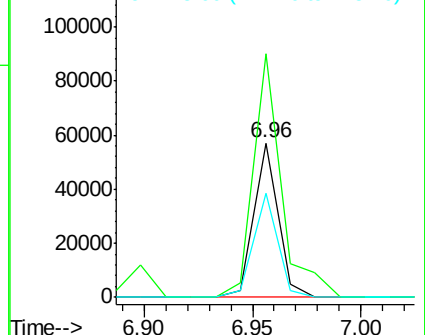
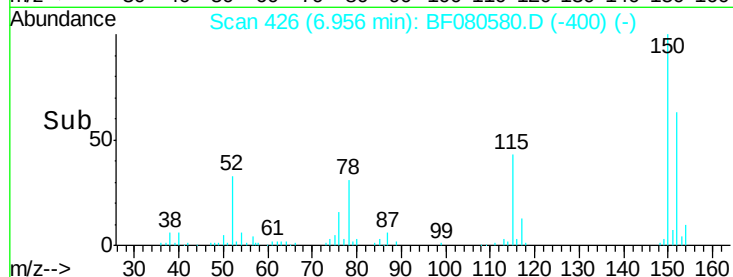
115 67.4 56.8 85.2



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: 23.88 ng

RT: 2.52 min Scan# 38

Delta R.T. 0.02 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

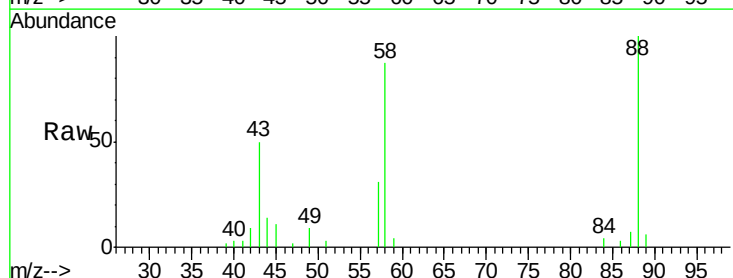
Tgt Ion: 88 Resp: 31180

Ion Ratio Lower Upper

88 100

58 91.3 0.0 0.0#

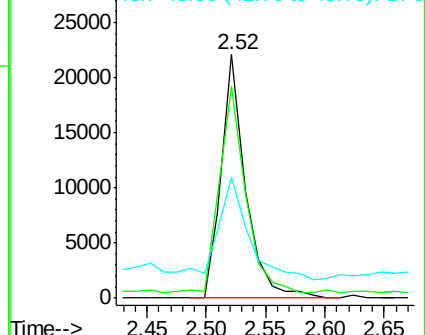
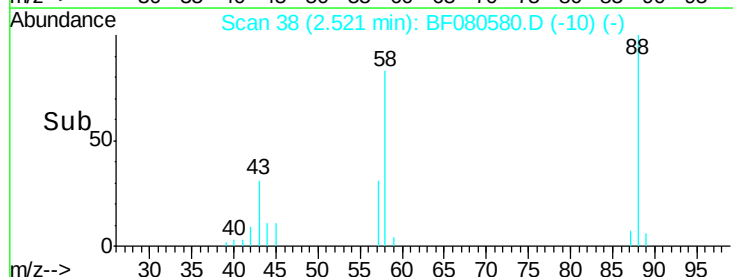
43 52.6 0.0 0.0#

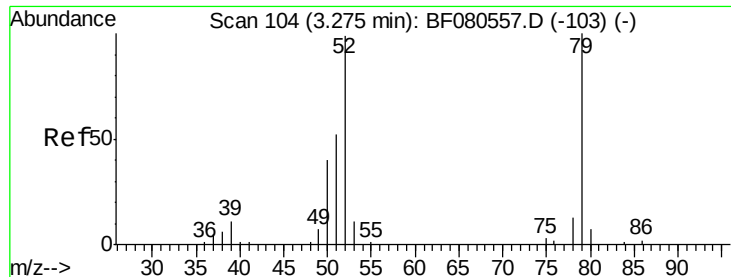


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.65 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.02 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

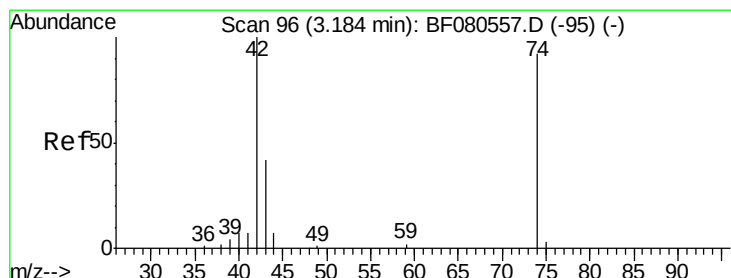
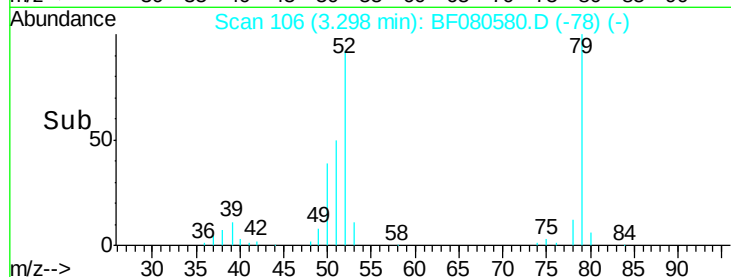
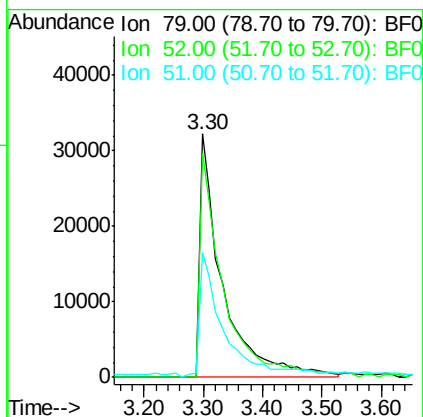
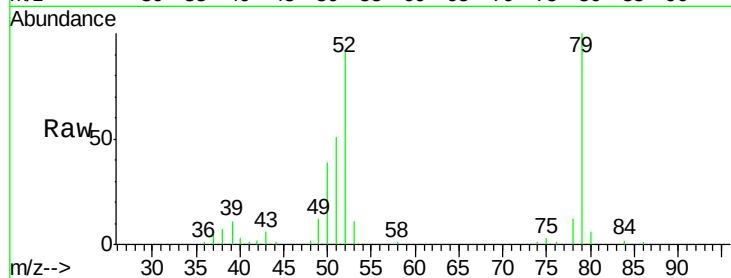
Tgt Ion: 79 Resp: 86837

Ion Ratio Lower Upper

79 100

52 92.4 79.6 119.4

51 51.3 44.5 66.7



#4

n-Nitrosodimethylamine

Concen: 29.71 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.02 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

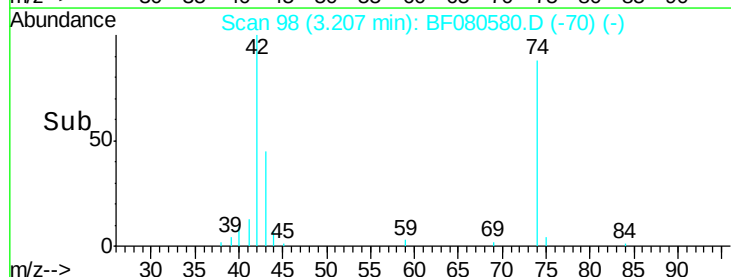
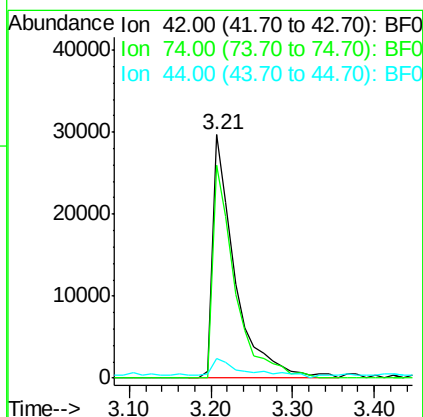
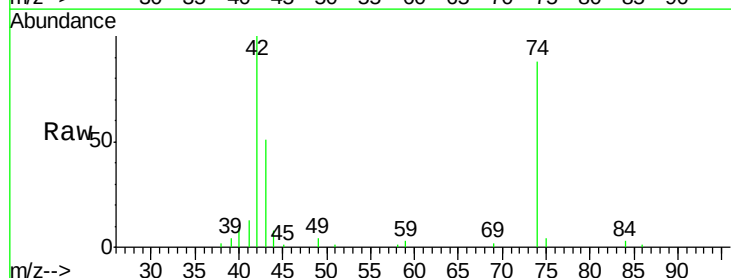
Tgt Ion: 42 Resp: 56880

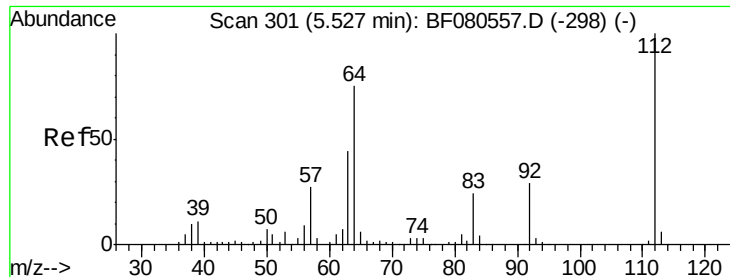
Ion Ratio Lower Upper

42 100

74 87.5 72.6 108.8

44 8.0 10.4 15.6#





#5

2-Fluorophenol

Concen: 100.95 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

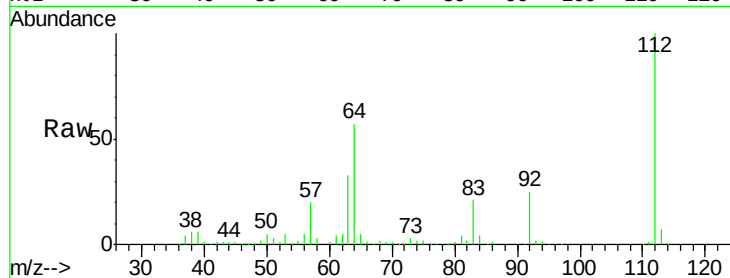
Tgt Ion: 112 Resp: 253515

Ion Ratio Lower Upper

112 100

64 56.7 60.2 90.2#

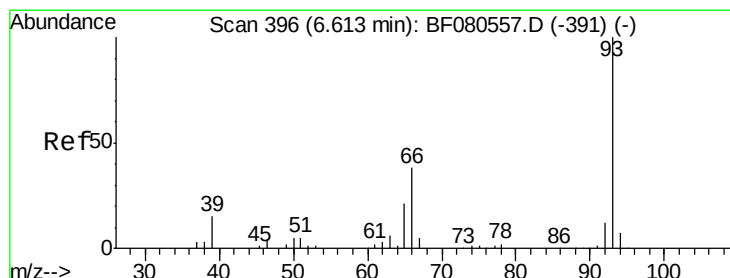
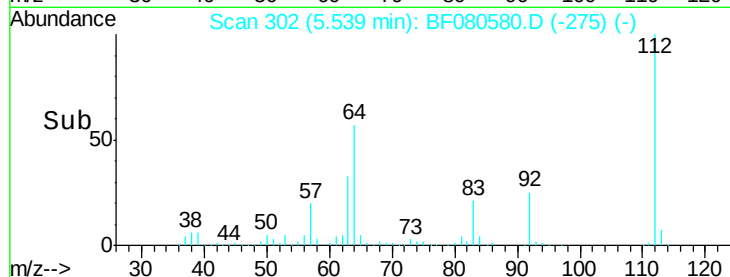
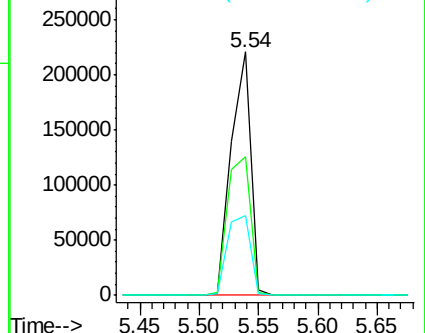
63 32.8 34.8 52.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.67 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

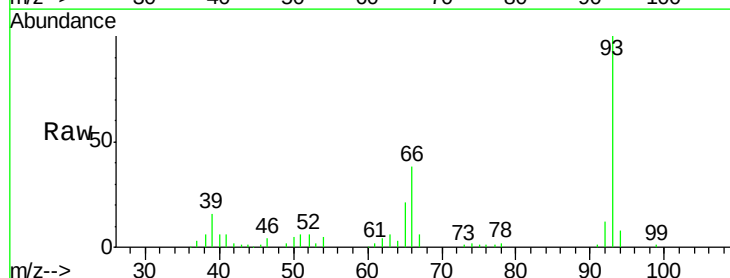
Tgt Ion: 93 Resp: 72612

Ion Ratio Lower Upper

93 100

66 37.9 33.1 49.7

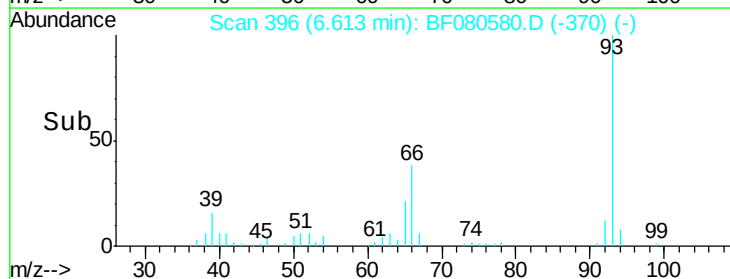
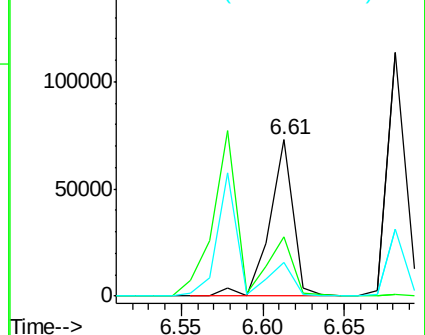
65 21.4 17.2 25.8

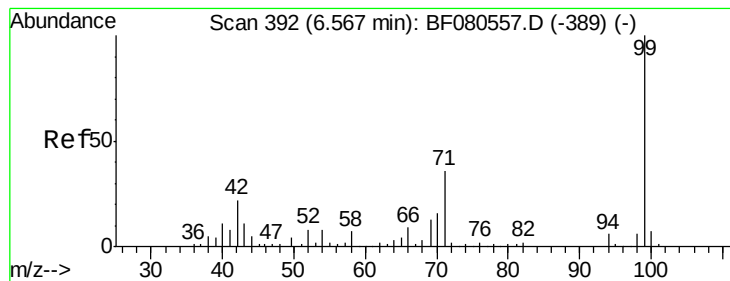


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.41 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

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PB84616BS

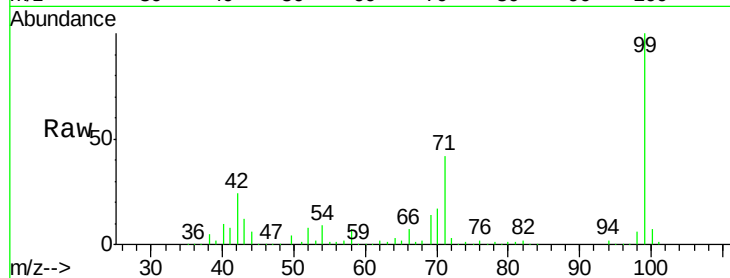
Tgt Ion: 99 Resp: 329133

Ion Ratio Lower Upper

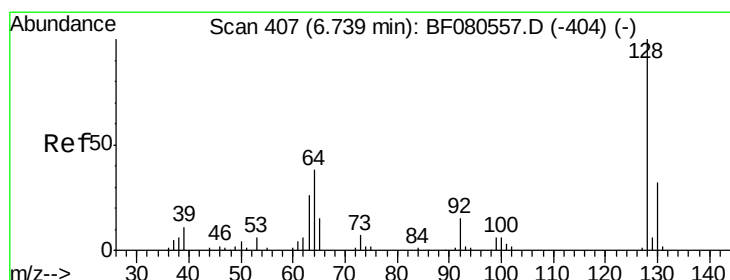
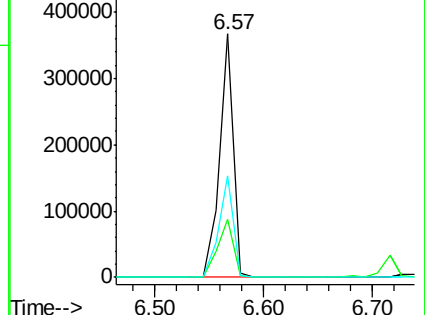
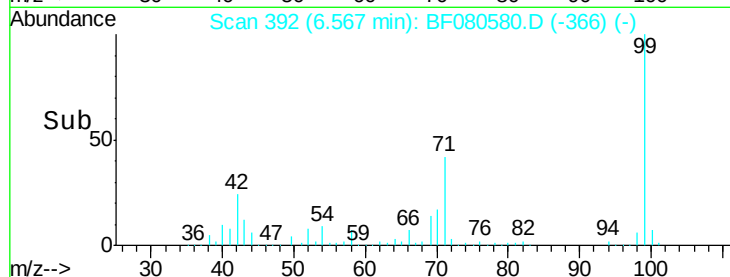
99 100

42 23.7 17.4 26.2

71 41.7 29.0 43.6



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: 32.11 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

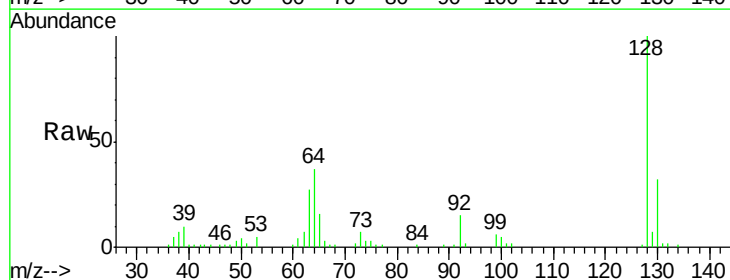
Tgt Ion: 128 Resp: 84457

Ion Ratio Lower Upper

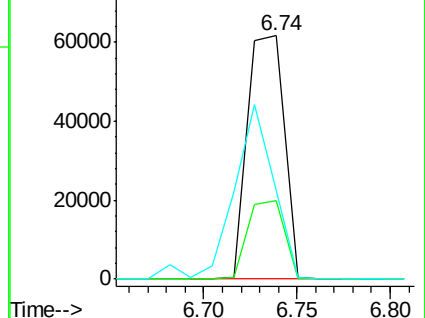
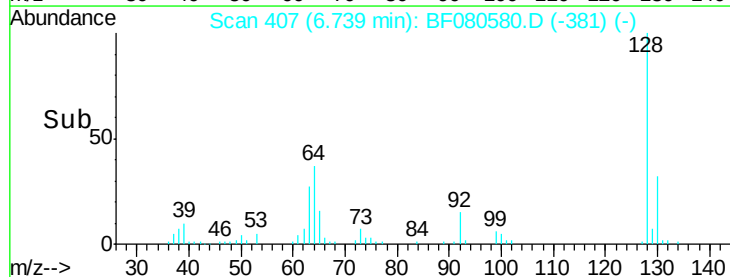
128 100

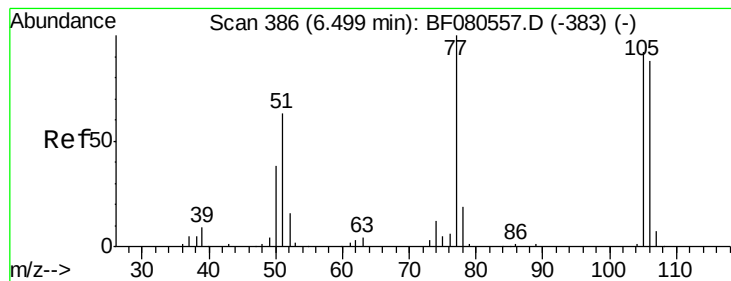
130 32.2 11.8 51.8

64 36.6 20.2 60.2



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: 11.72 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

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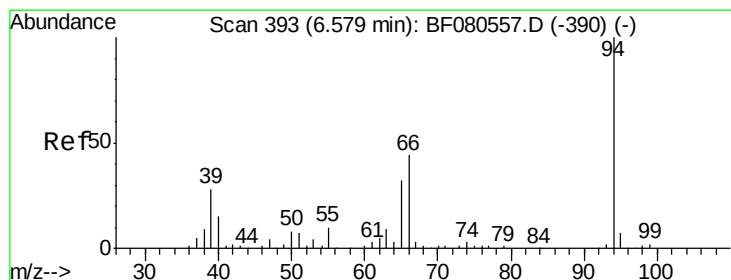
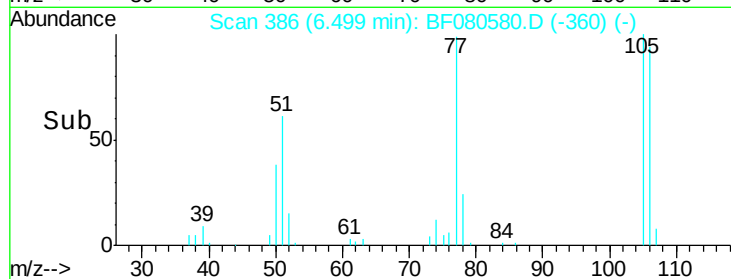
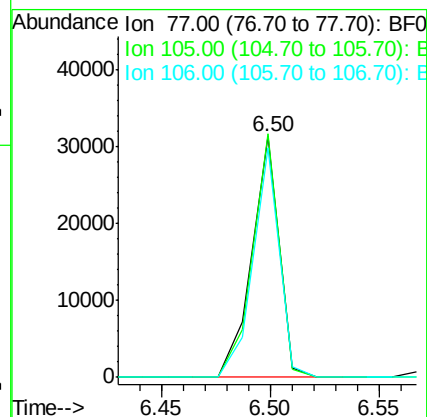
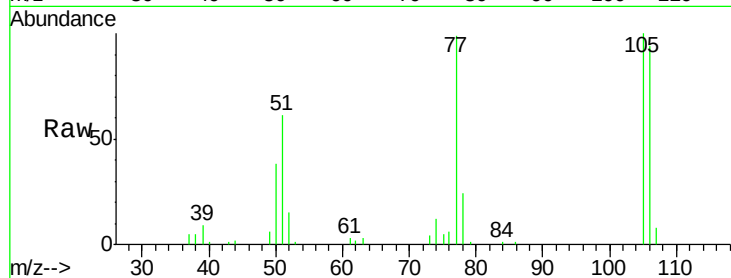
Tgt Ion: 77 Resp: 27270

Ion Ratio Lower Upper

77 100

105 101.1 72.3 112.3

106 95.5 67.5 107.5



#10

Phenol

Concen: 35.12 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

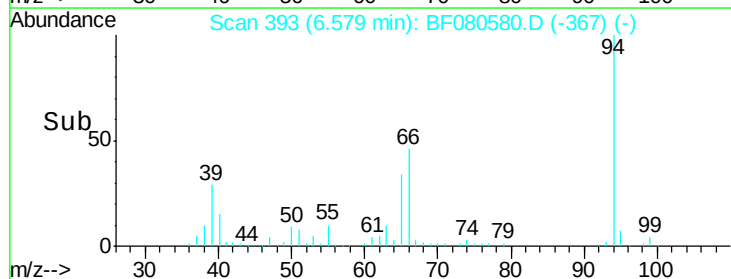
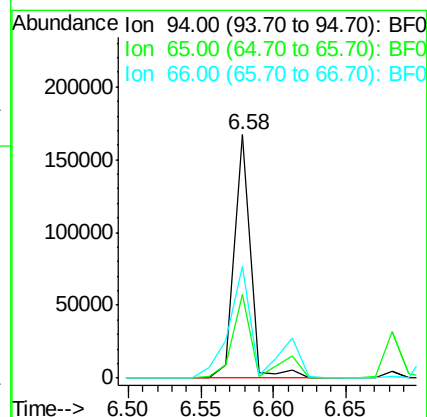
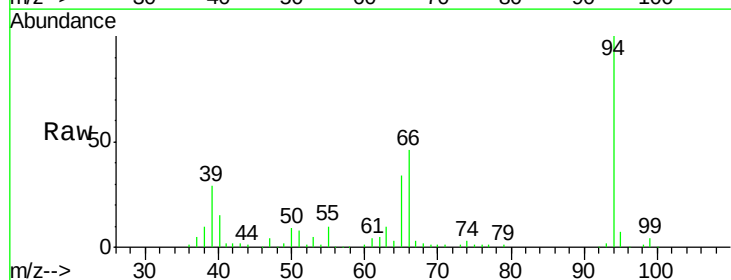
Tgt Ion: 94 Resp: 129200

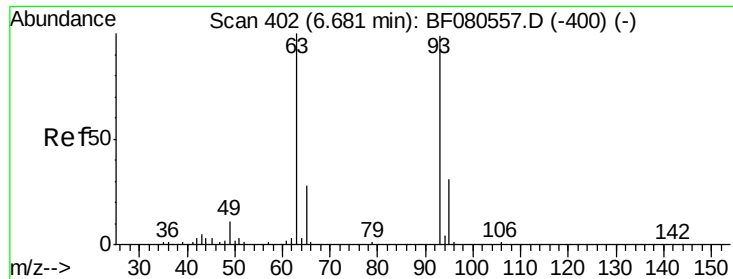
Ion Ratio Lower Upper

94 100

65 34.3 12.1 52.1

66 46.2 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 33.26 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

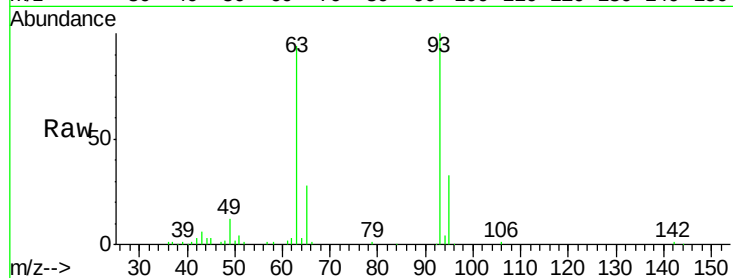
Tgt Ion: 93 Resp: 87884

Ion Ratio Lower Upper

93 100

63 93.7 80.5 120.5

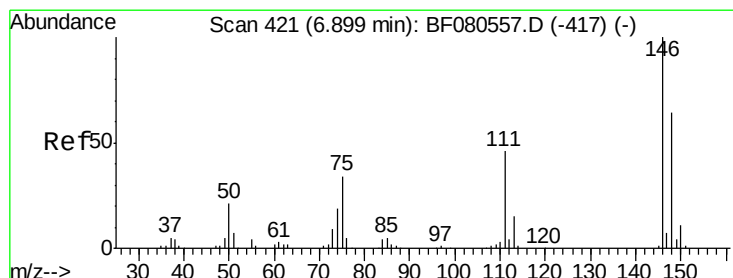
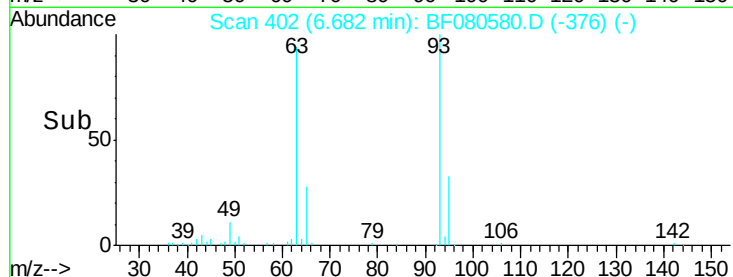
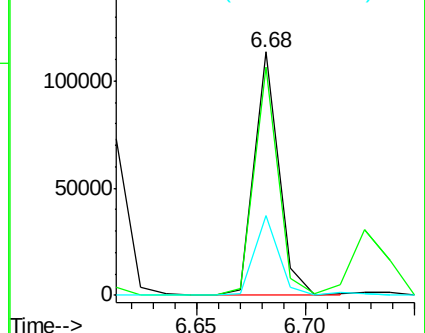
95 32.8 11.2 51.2



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 29.42 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

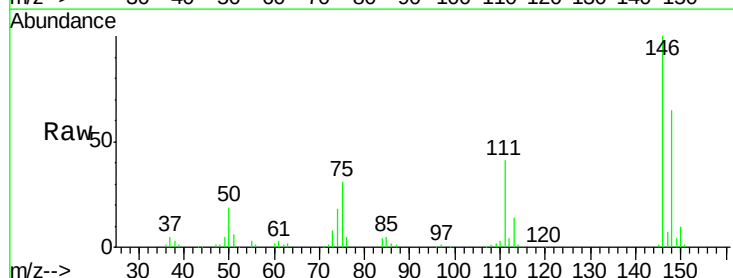
Tgt Ion: 146 Resp: 100104

Ion Ratio Lower Upper

146 100

148 65.4 50.9 76.3

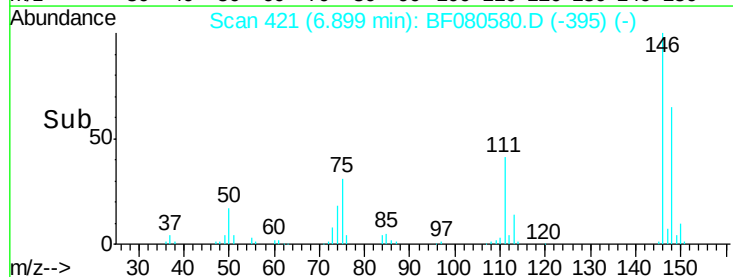
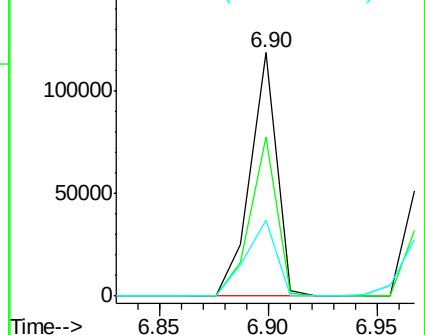
75 31.2 27.1 40.7

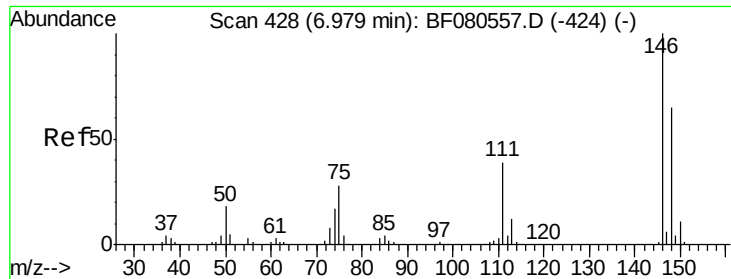


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

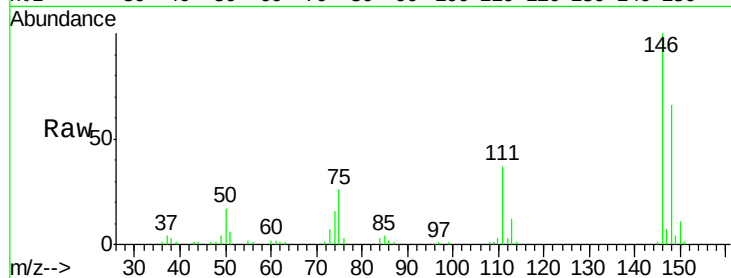




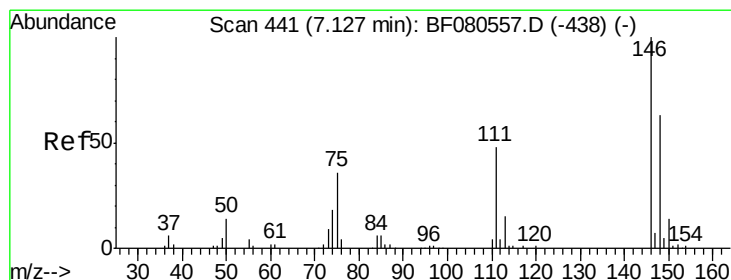
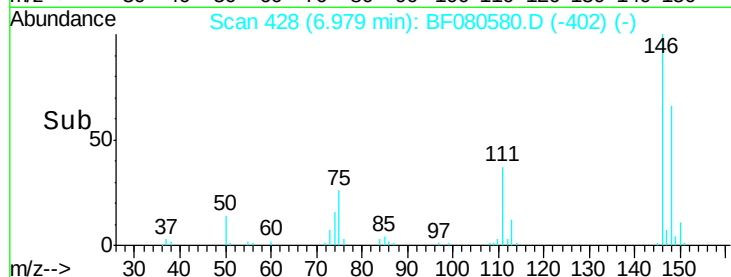
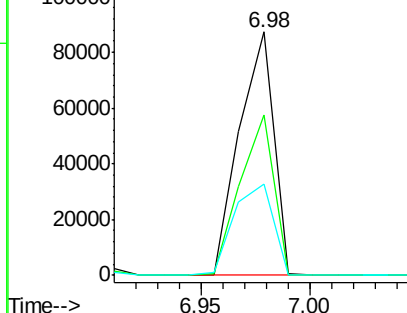
#13
 1,4-Dichlorobenzene
 Concen: 29.57 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:146 Resp: 95821
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.0 78.0
 111 37.2 31.4 47.2

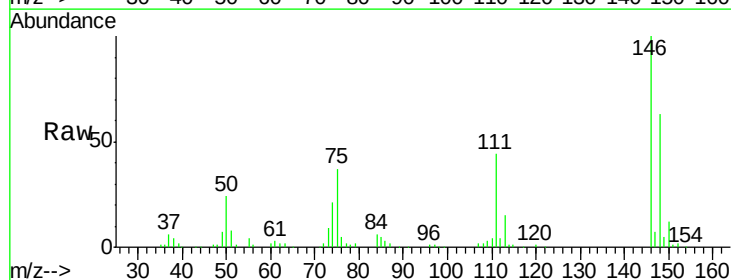


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

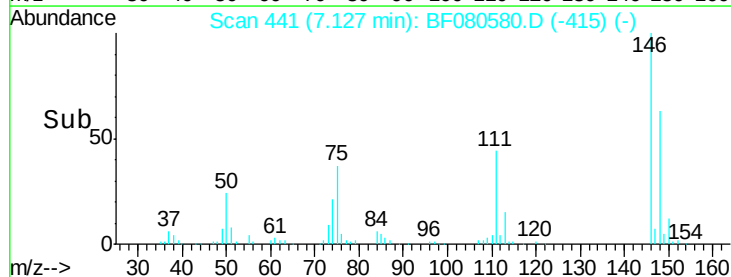
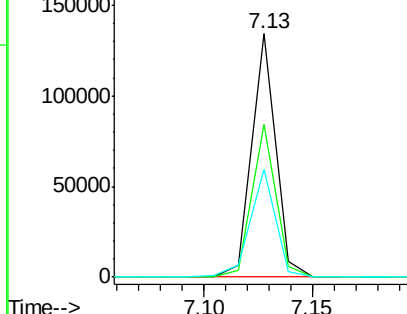


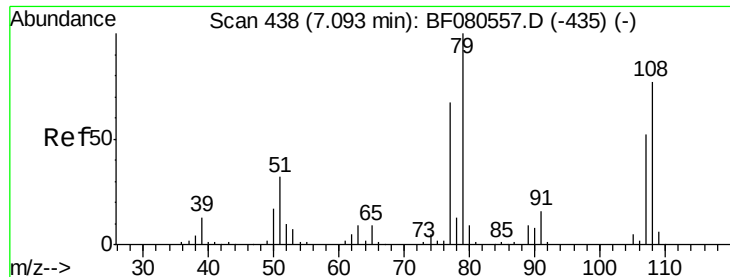
#14
 1,2-Dichlorobenzene
 Concen: 32.75 ng
 RT: 7.13 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion:146 Resp: 102359
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.3 75.5
 111 44.1 38.2 57.2



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





#15

Benzyl Alcohol

Concen: 31.29 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

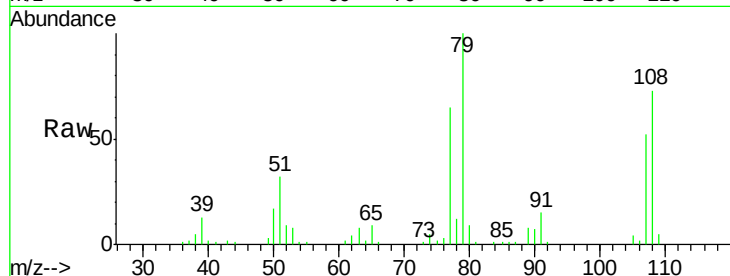
Tgt Ion: 79 Resp: 80123

Ion Ratio Lower Upper

79 100

108 73.2 61.5 92.3

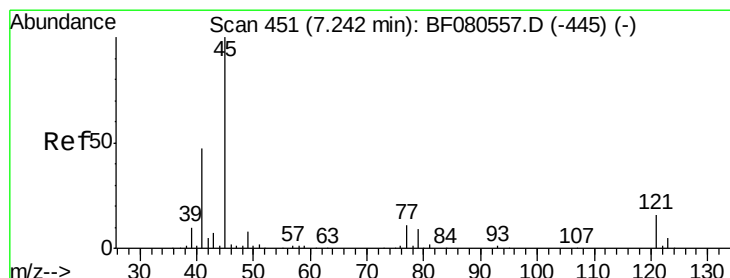
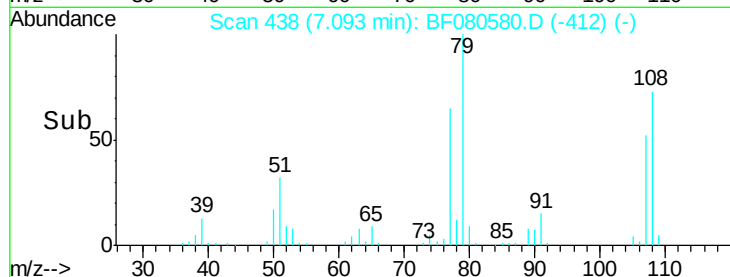
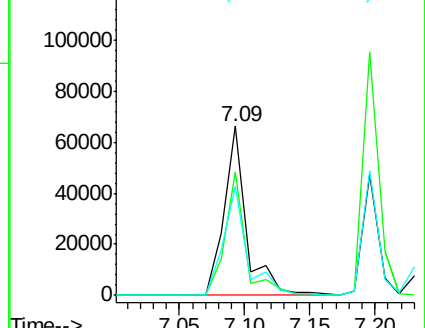
77 64.9 53.6 80.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.27 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

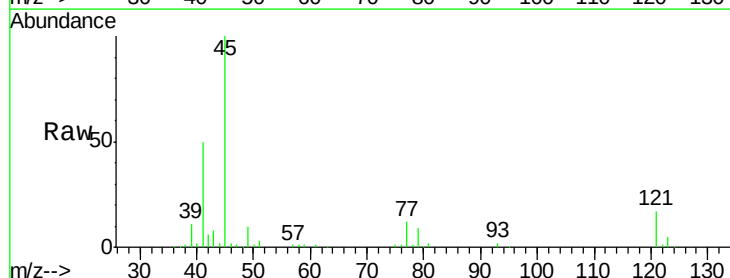
Tgt Ion: 45 Resp: 167499

Ion Ratio Lower Upper

45 100

77 12.4 0.0 30.8

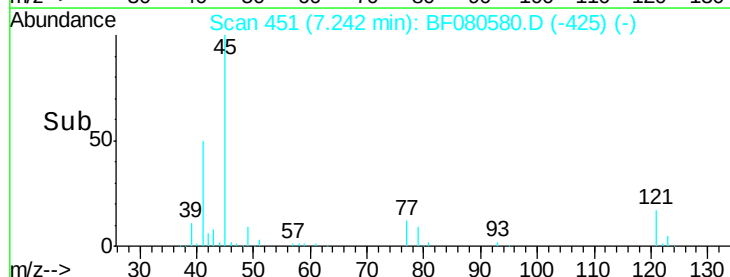
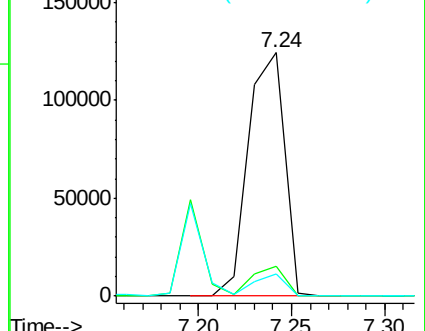
79 9.0 0.0 28.6

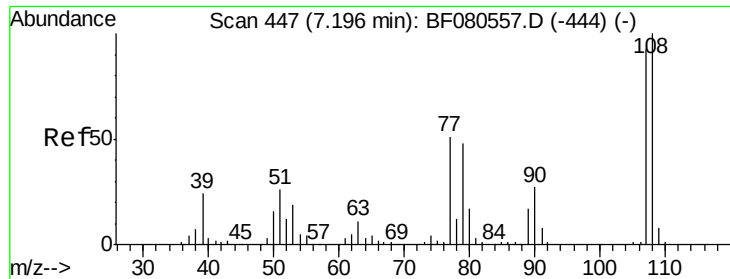


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

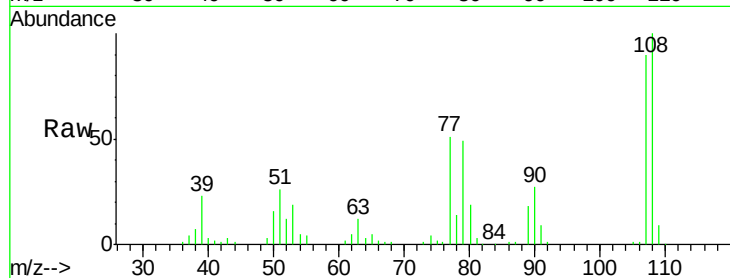




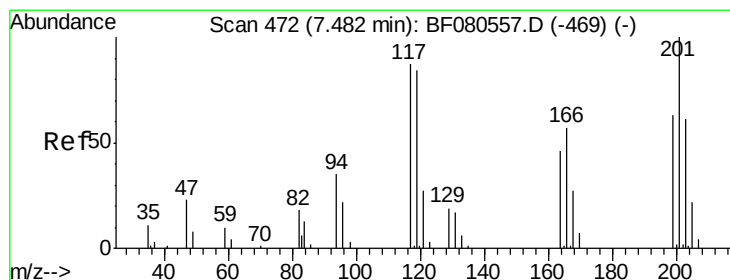
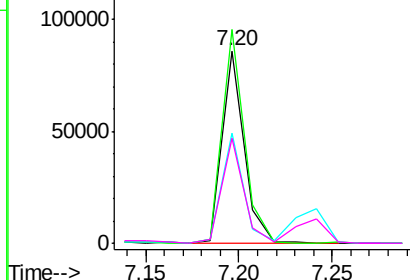
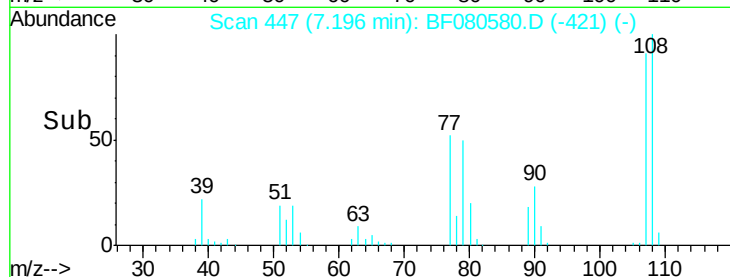
#17
2-Methylphenol
Concen: 31.55 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion:107 Resp: 70768
Ion Ratio Lower Upper
107 100
108 110.9 86.0 129.0
77 57.0 43.4 65.2
79 54.8 41.2 61.8

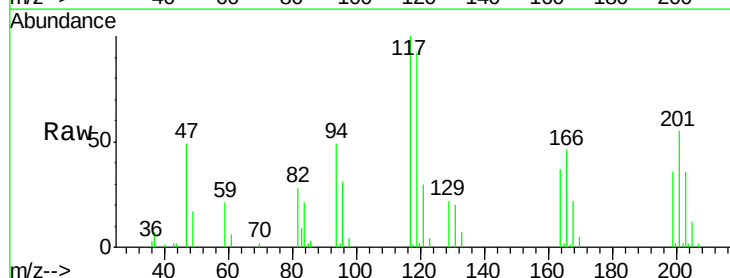


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

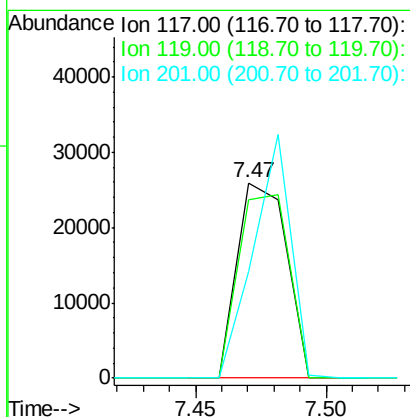
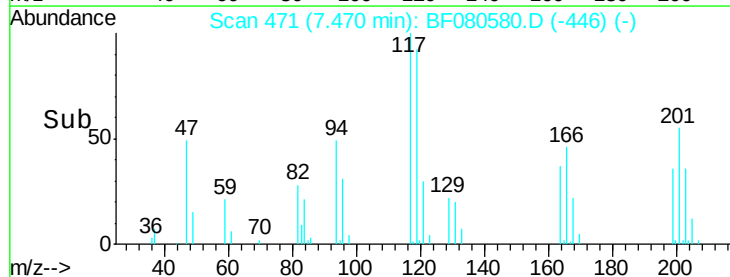


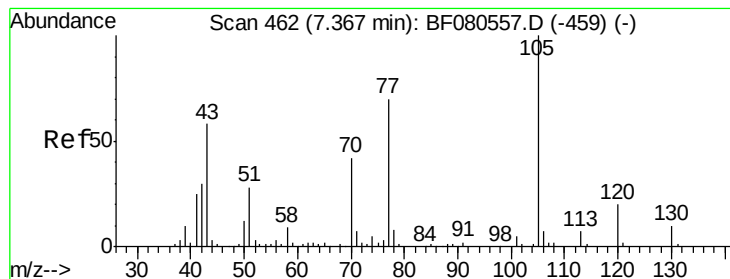
#18
Hexachloroethane
Concen: 29.81 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion:117 Resp: 34054
Ion Ratio Lower Upper
117 100
119 91.6 76.5 114.7
201 54.6 91.6 137.4#



Abundance Ion 117.00 (116.70 to 117.70): E
40000 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: 30.82 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

Tgt Ion: 70 Resp: 61230

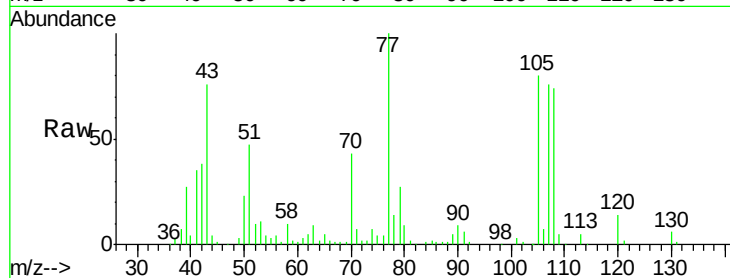
Ion Ratio Lower Upper

70 100

42 88.6 56.6 85.0#

101 8.0 9.7 14.5#

130 14.0 19.1 28.7#

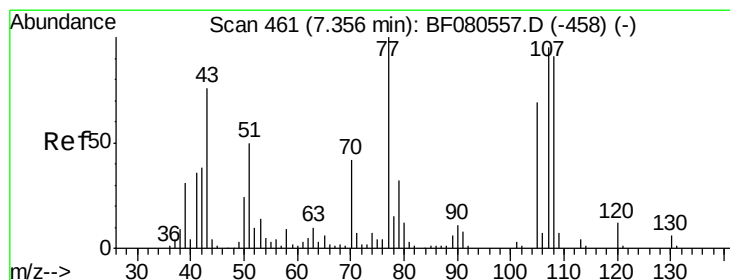
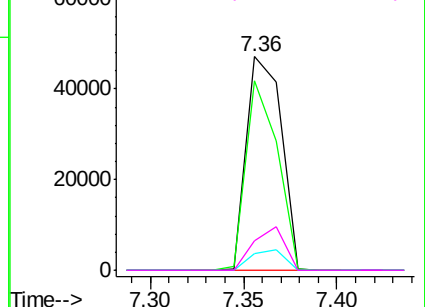
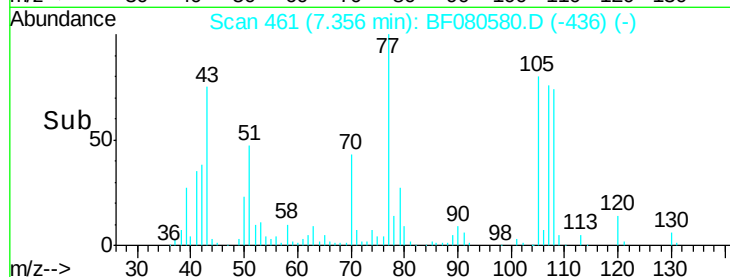


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 30.96 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion: 107 Resp: 87594

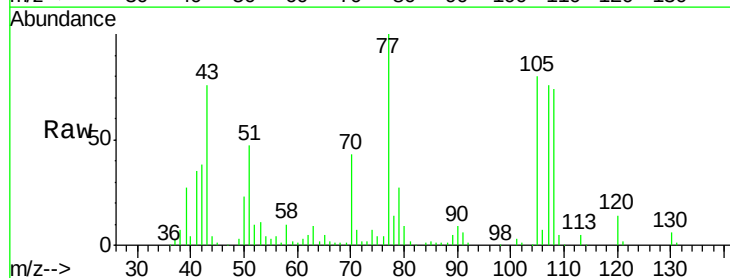
Ion Ratio Lower Upper

107 100

108 97.4 75.6 115.6

77 131.8 84.7 124.7#

79 36.1 13.8 53.8

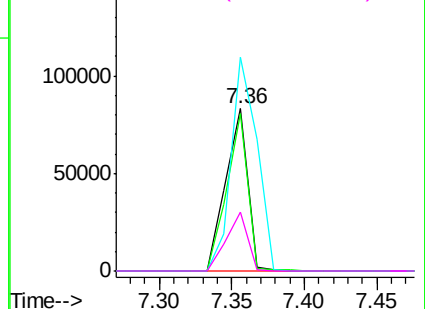
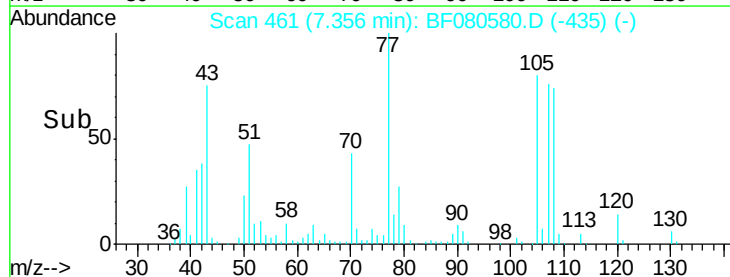


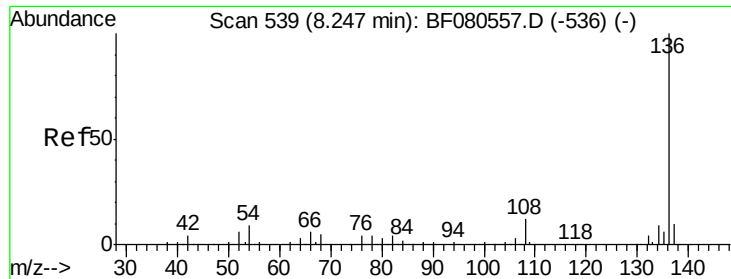
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

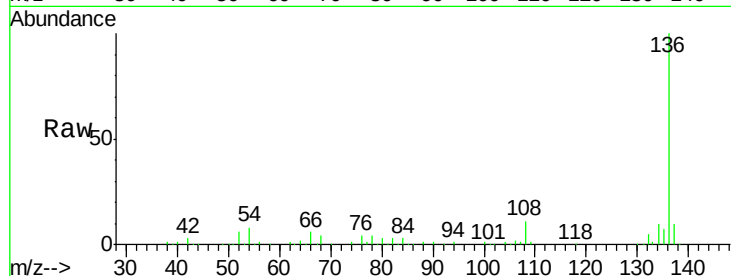




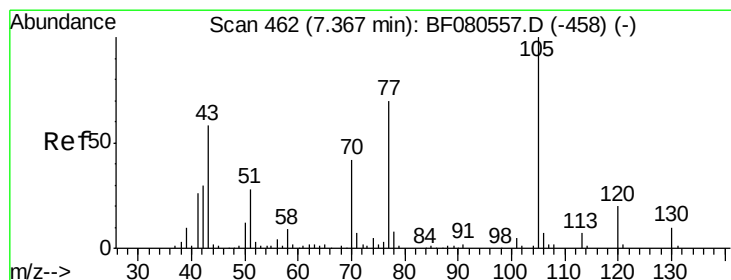
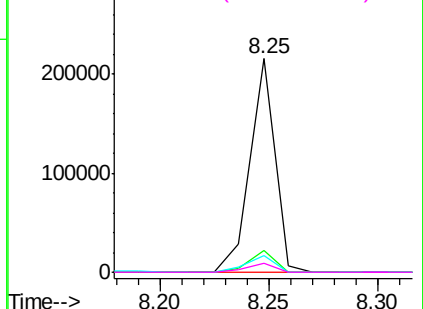
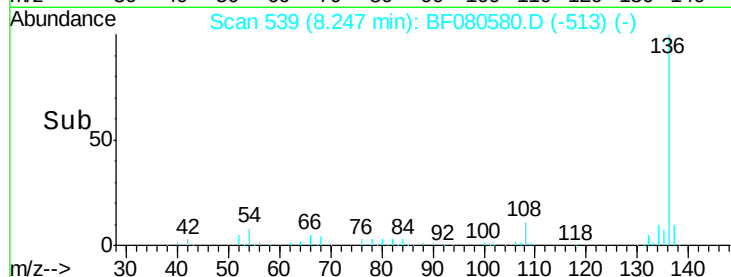
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion:	136	Resp:	171325
Ion	Ratio	Lower	Upper
136	100		
137	10.0	7.8	11.8
54	7.9	7.2	10.8
68	4.0	3.8	5.6

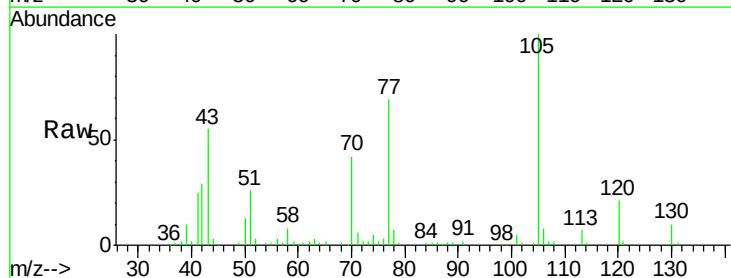


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

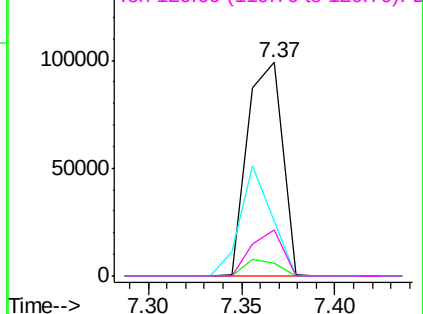
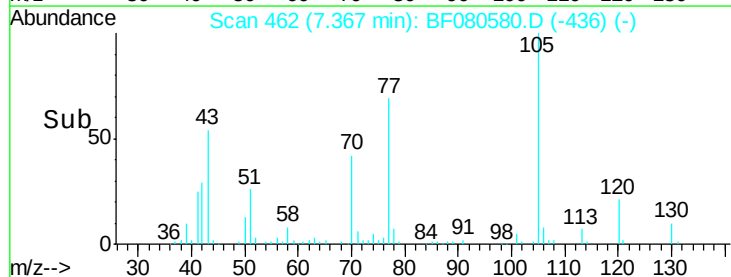


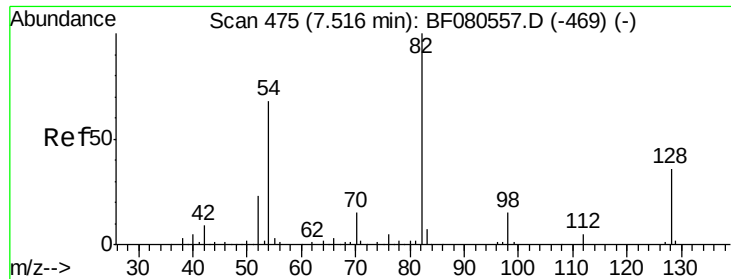
#22
Acetophenone
Concen: 31.45 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion:	105	Resp:	128643
Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.5	8.3
51	25.5	23.0	34.4
120	21.3	15.8	23.8



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

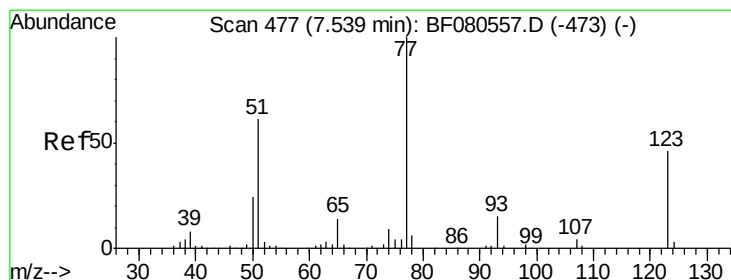
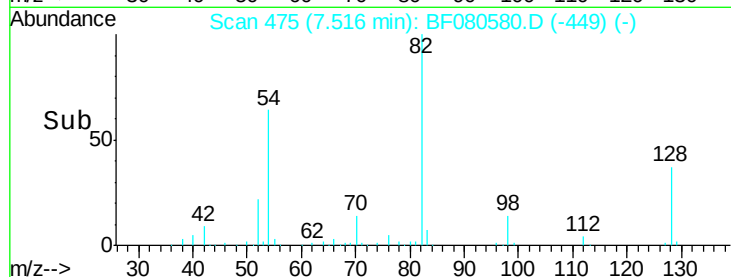
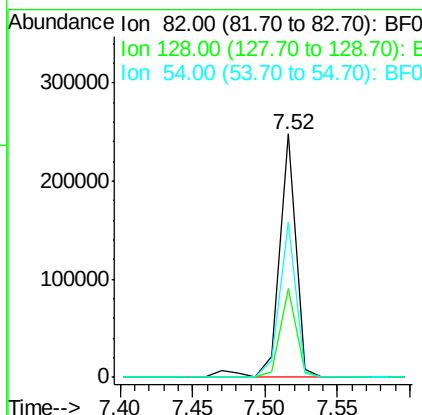
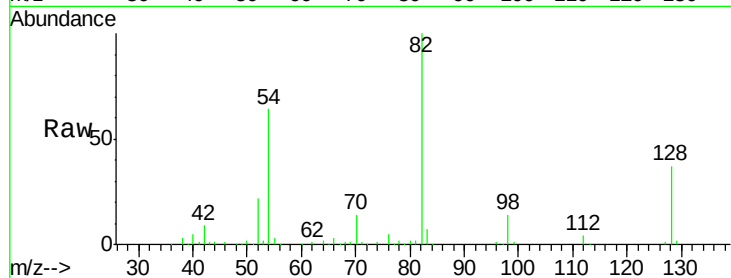




#23
 Nitrobenzene-d5
 Concen: 74.88 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

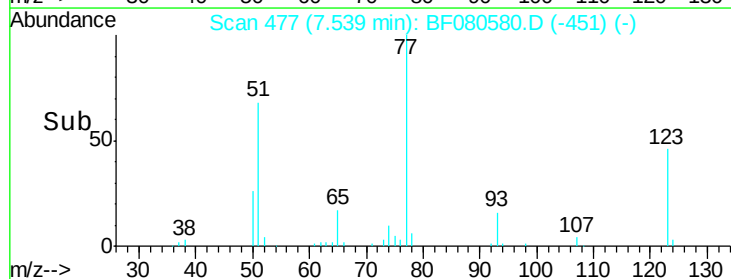
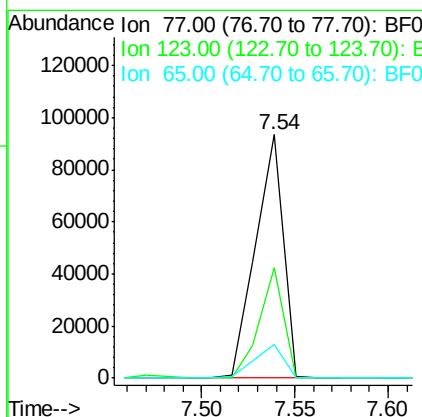
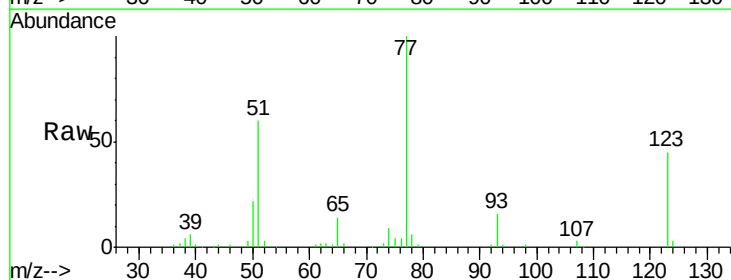
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

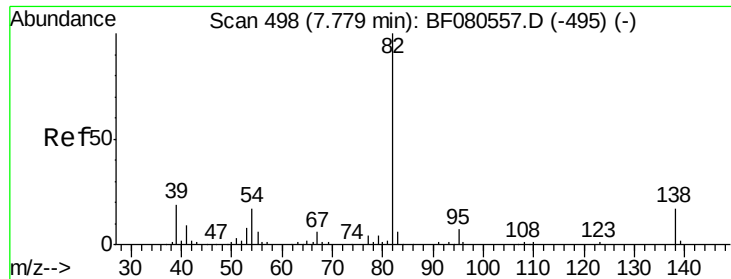
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.9	43.3
54	63.9	54.5	81.7



#24
 Nitrobenzene
 Concen: 31.03 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.1	55.7
65	13.9	11.4	17.2





#25

Isophorone

Concen: 30.95 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

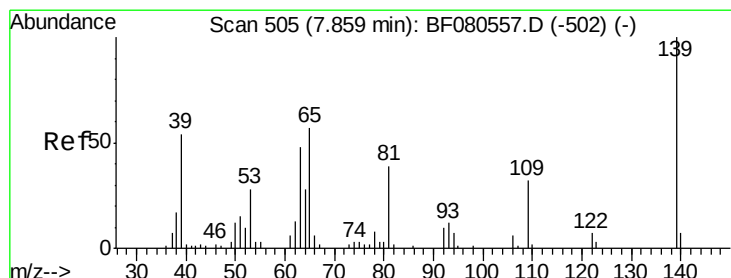
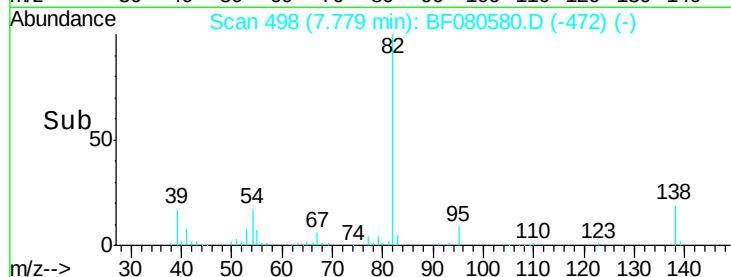
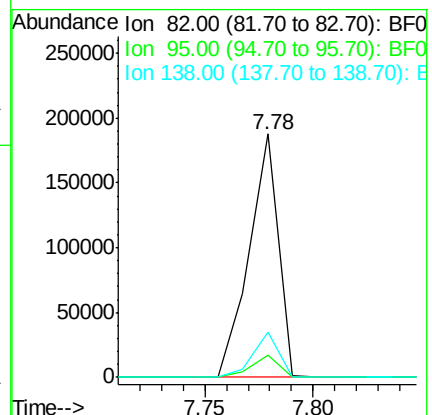
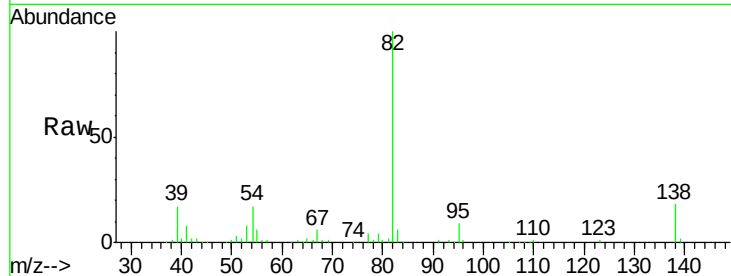
Tgt Ion: 82 Resp: 173896

Ion Ratio Lower Upper

82 100

95 9.0 5.9 8.9#

138 18.4 13.4 20.2



#26

2-Nitrophenol

Concen: 37.14 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

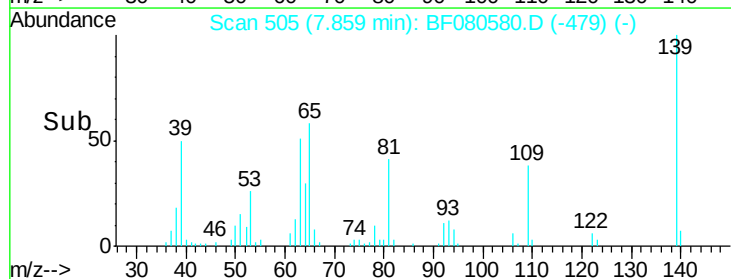
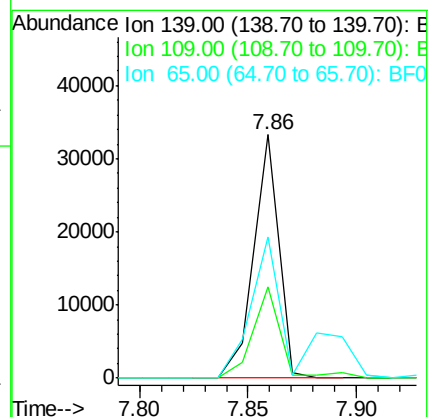
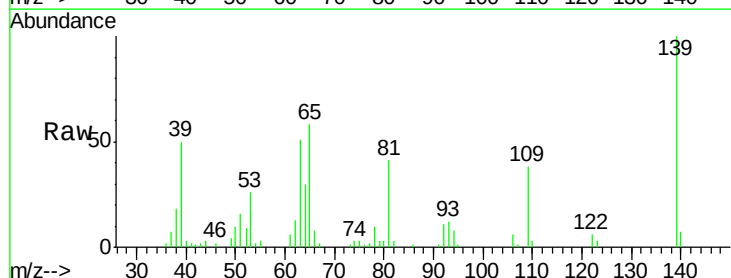
Tgt Ion: 139 Resp: 26662

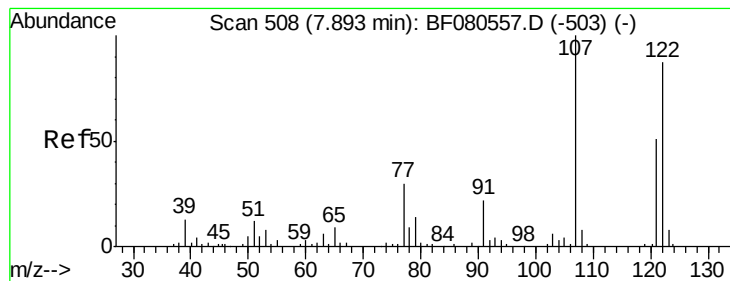
Ion Ratio Lower Upper

139 100

109 37.7 26.0 39.0

65 58.3 45.4 68.0

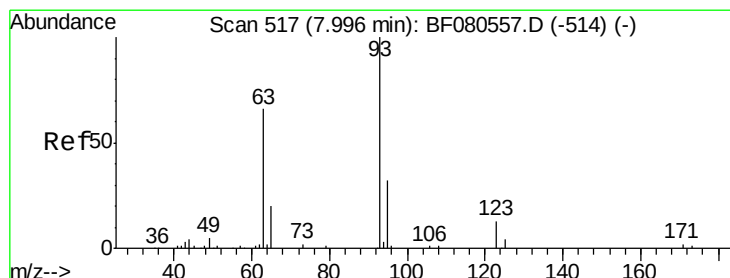
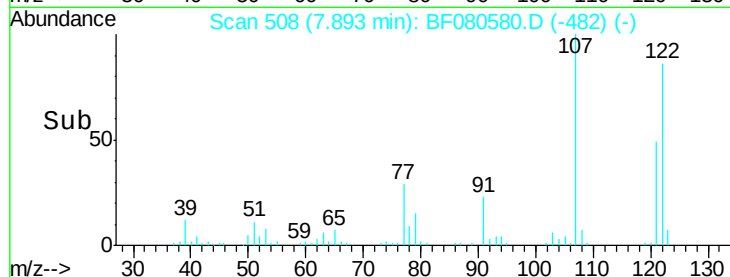
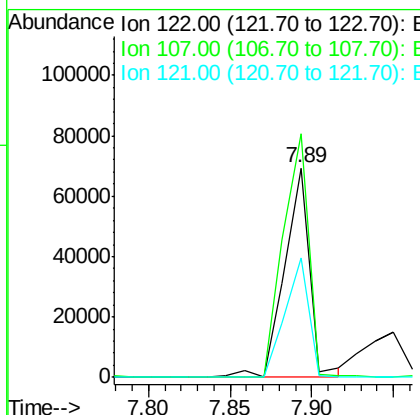
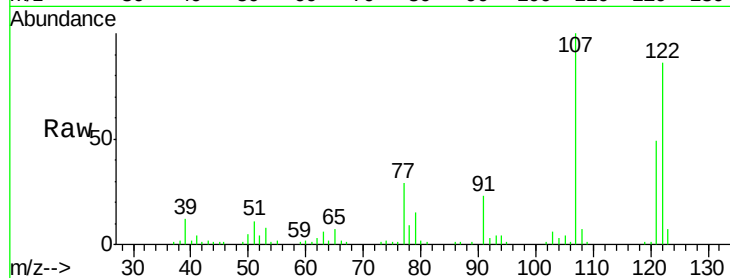




#27
 2,4-Dimethylphenol
 Concen: 31.16 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

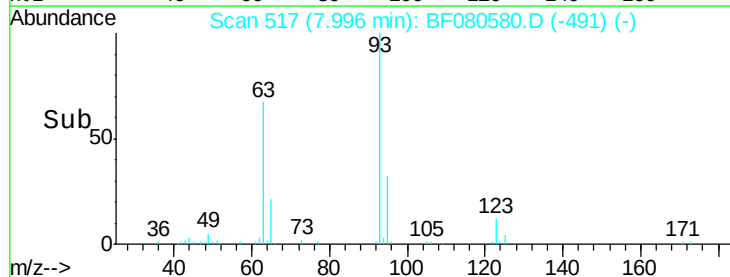
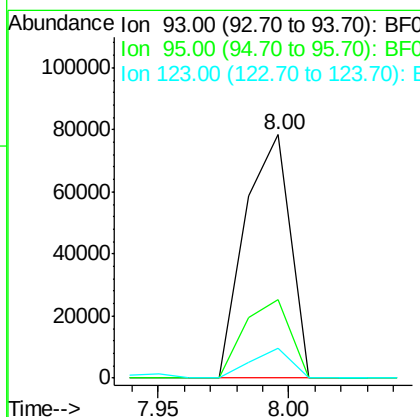
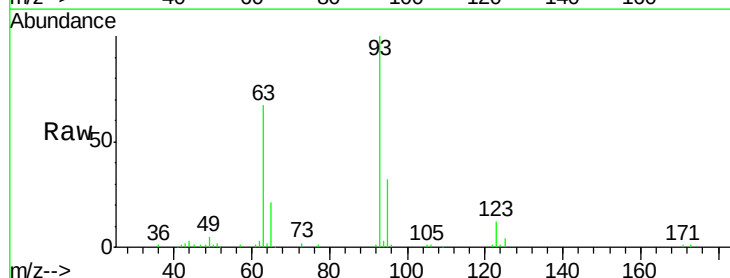
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

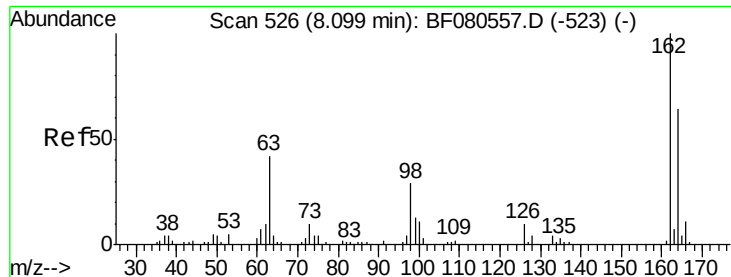
Tgt Ion: 122 Resp: 74121
 Ion Ratio Lower Upper
 122 100
 107 116.4 92.3 138.5
 121 57.2 47.1 70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.23 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion: 93 Resp: 94103
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.9 38.9
 123 12.3 10.3 15.5

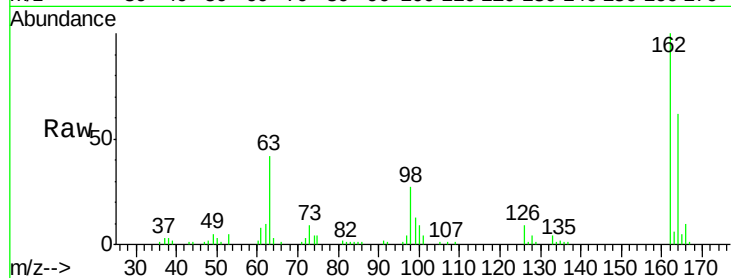




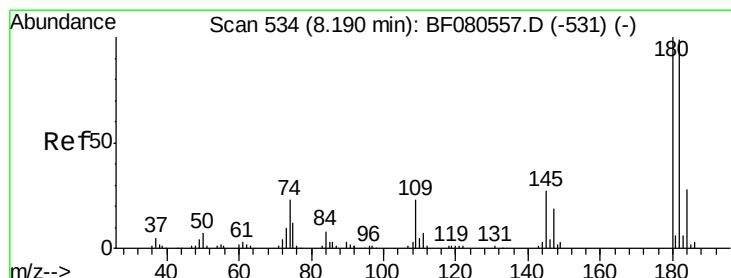
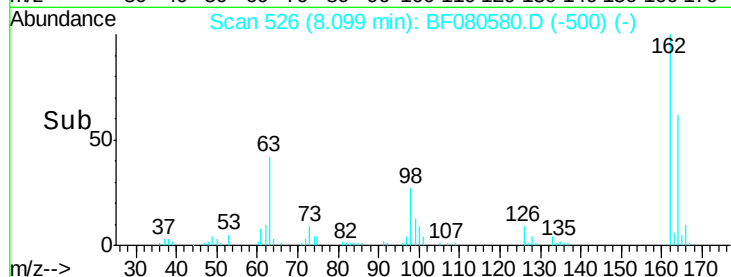
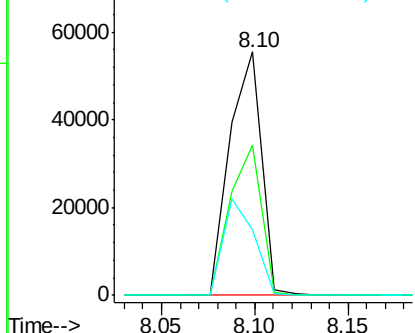
#29
 2,4-Dichlorophenol
 Concen: 34.91 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:162 Resp: 66365
 Ion Ratio Lower Upper
 162 100
 164 61.9 44.1 84.1
 98 26.8 8.9 48.9

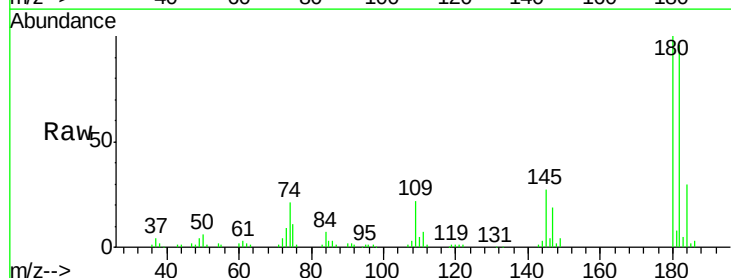


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

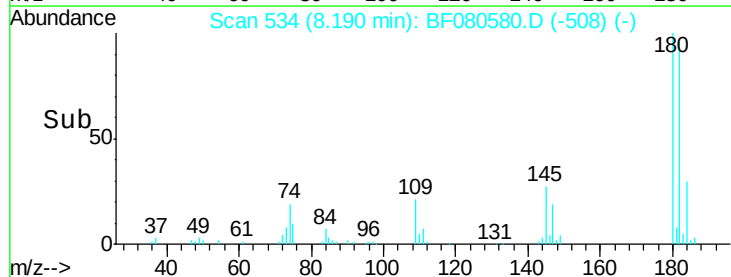
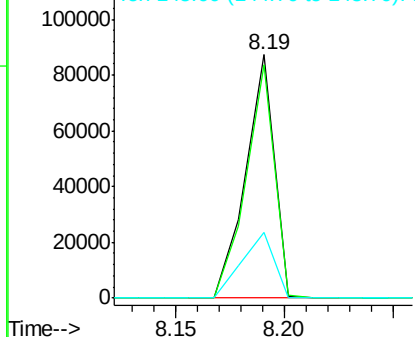


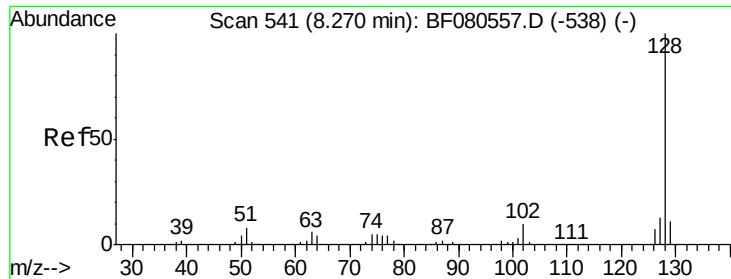
#30
 1,2,4-Trichlorobenzene
 Concen: 29.98 ng
 RT: 8.19 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion:180 Resp: 79684
 Ion Ratio Lower Upper
 180 100
 182 95.8 79.0 118.4
 145 26.9 22.0 33.0



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

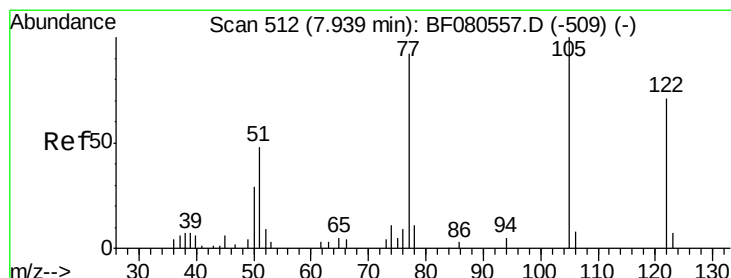
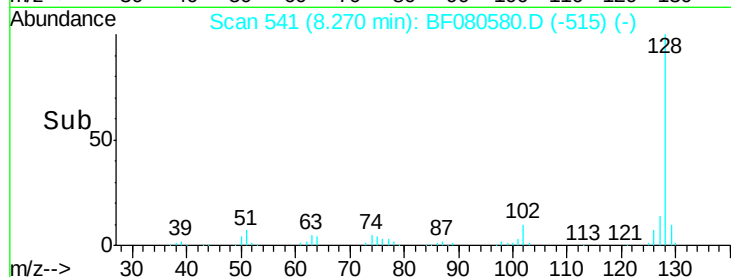
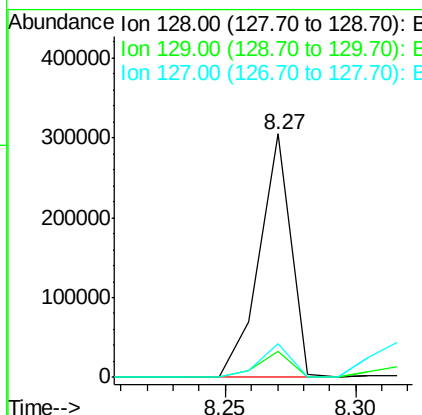
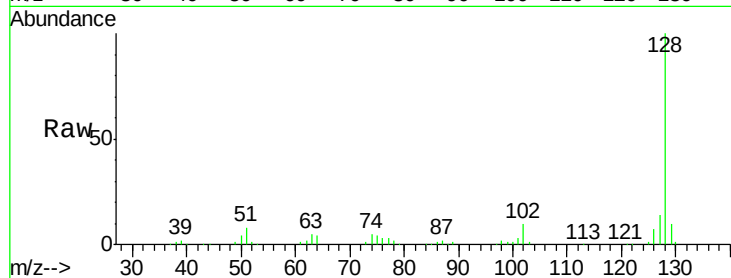




#31
Naphthalene
Concen: 30.46 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

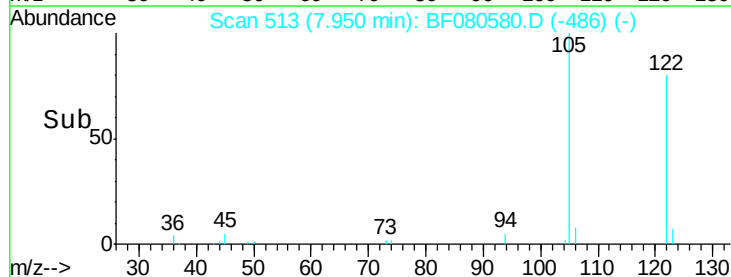
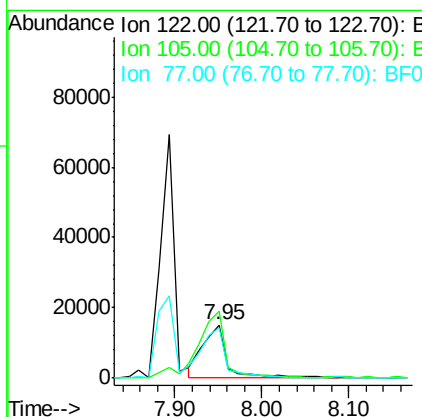
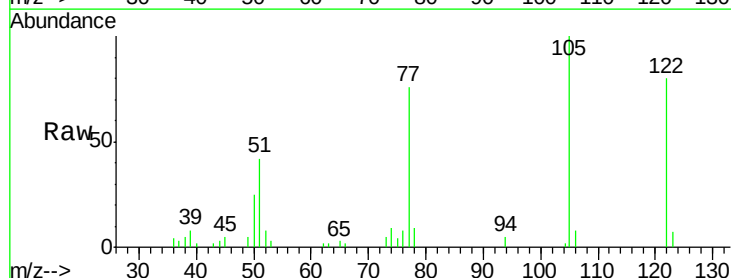
Instrument :
BNA_F
ClientSampleId :
PB84616BS

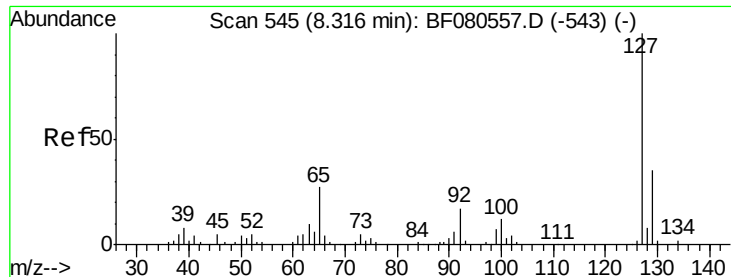
Tgt Ion:128 Resp: 259107
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 43.07 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion:122 Resp: 29690
Ion Ratio Lower Upper
122 100
105 125.7 112.5 152.5
77 95.5 102.5 142.5#

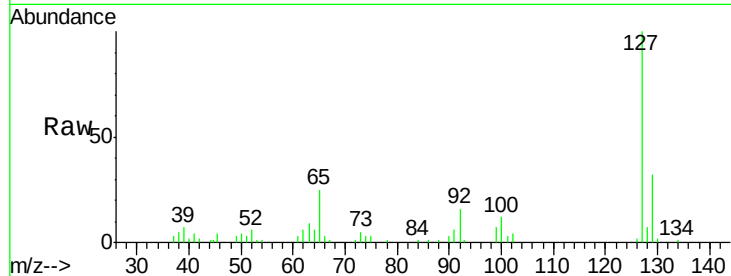




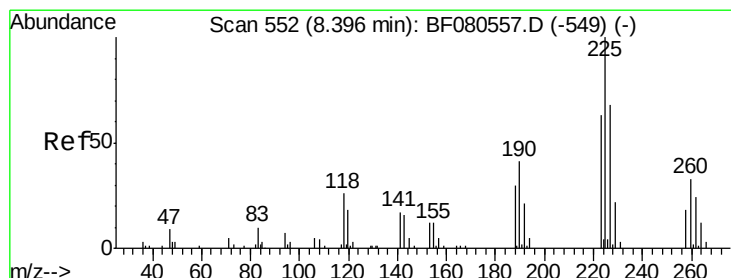
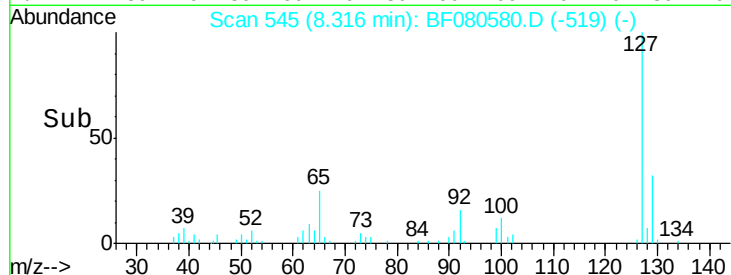
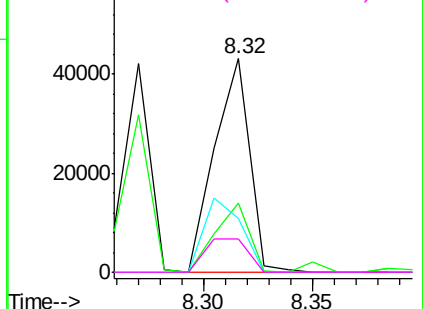
#33
4-Chloroaniline
Concen: 14.66 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion:	127	Resp:	47995
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.8	41.6
65	25.1	21.2	31.8
92	15.7	13.9	20.9

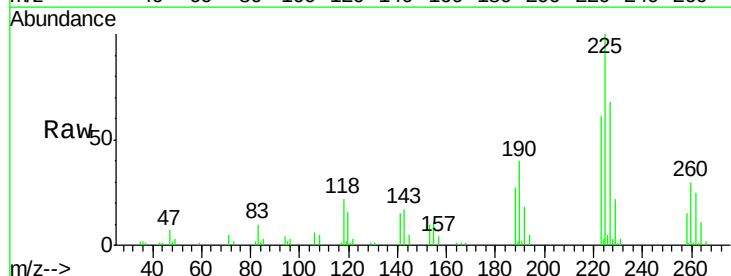


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

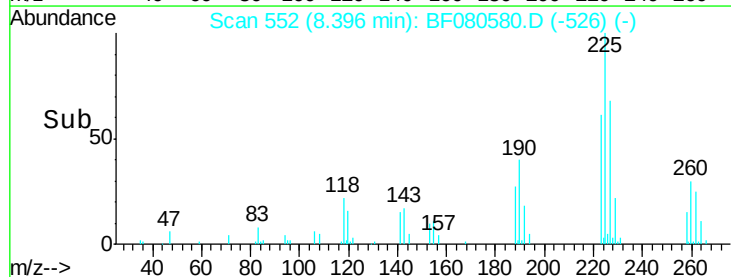
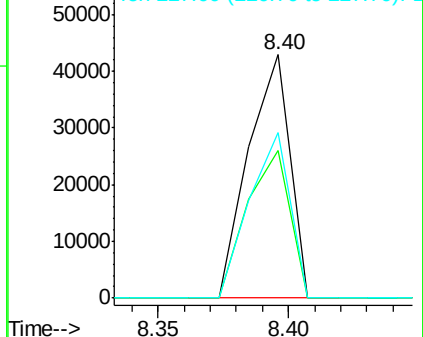


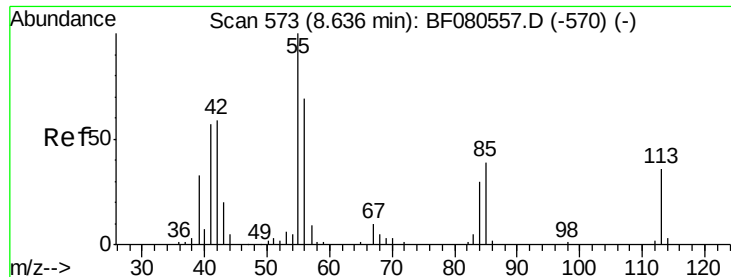
#34
Hexachlorobutadiene
Concen: 30.81 ng
RT: 8.40 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion:	225	Resp:	47825
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.3	75.5
227	68.2	54.5	81.7



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

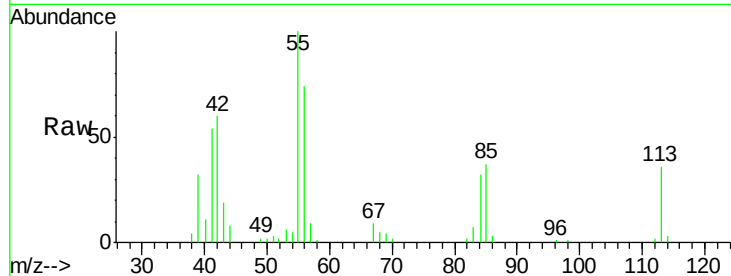




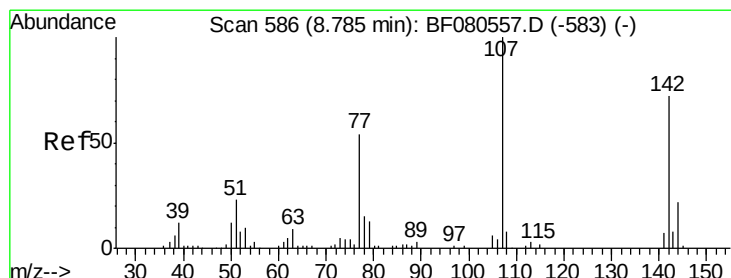
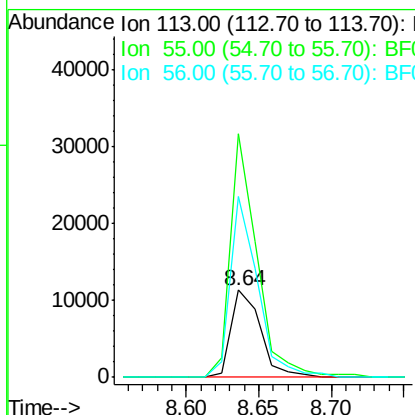
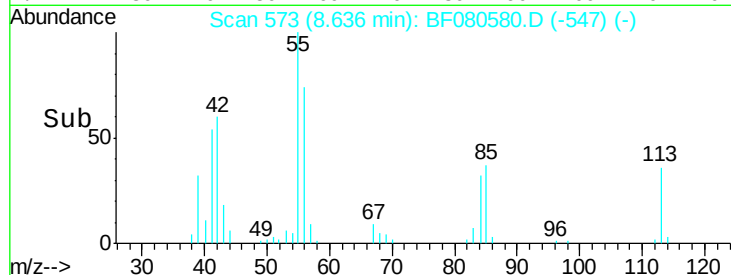
#35
 Caprolactam
 Concen: 29.71 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:113 Resp: 15926
 Ion Ratio Lower Upper
 113 100
 55 280.1 259.3 299.3
 56 208.1 171.6 211.6

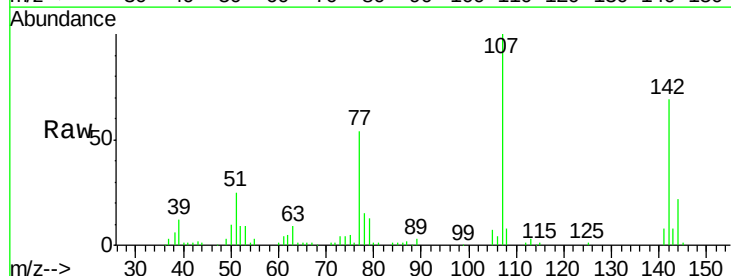


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

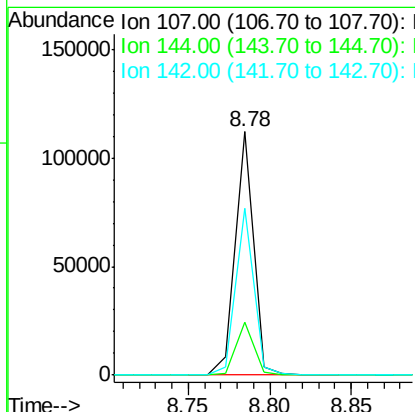
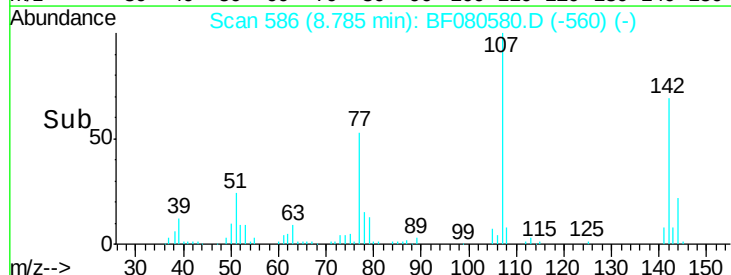


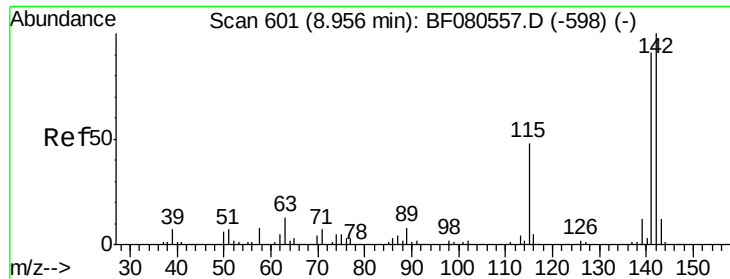
#36
 4-Chloro-3-methylphenol
 Concen: 36.64 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion:107 Resp: 86132
 Ion Ratio Lower Upper
 107 100
 144 21.6 17.7 26.5
 142 68.5 57.7 86.5



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

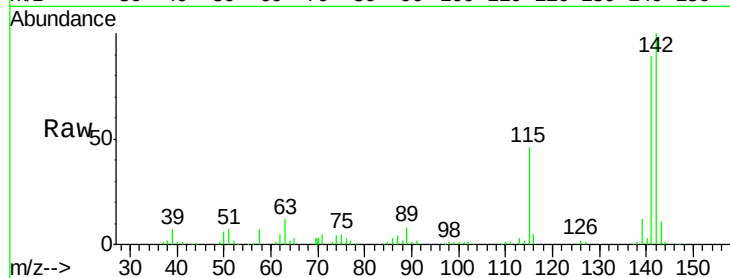




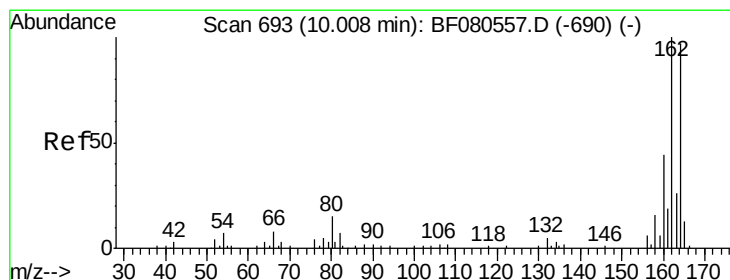
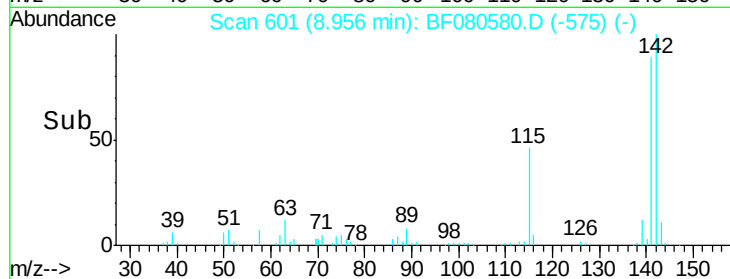
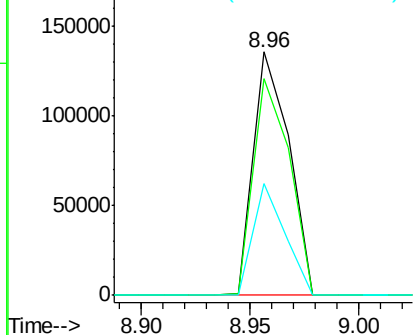
#37
 2-Methylnaphthalene
 Concen: 32.57 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:142 Resp: 155197
 Ion Ratio Lower Upper
 142 100
 141 89.3 72.6 109.0
 115 46.1 38.2 57.2

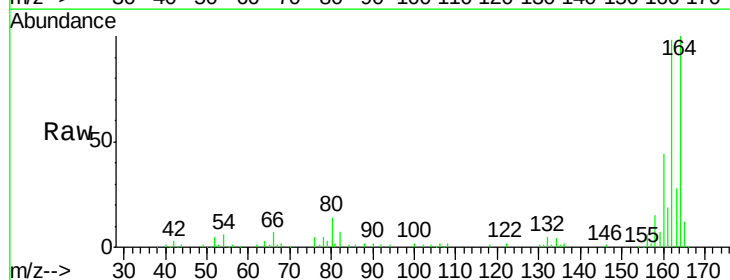


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

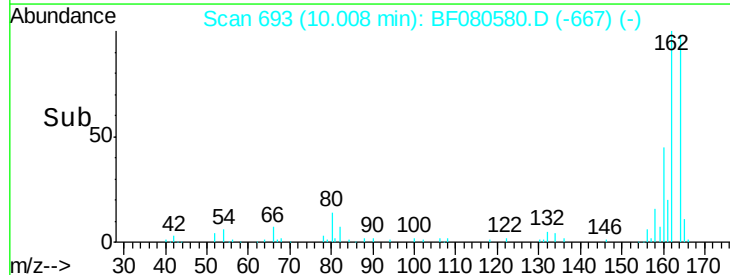
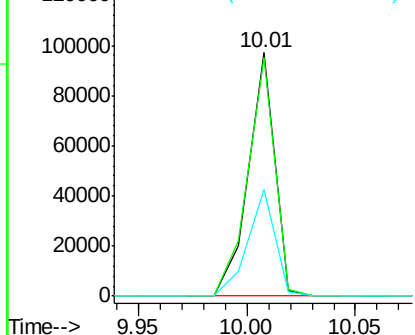


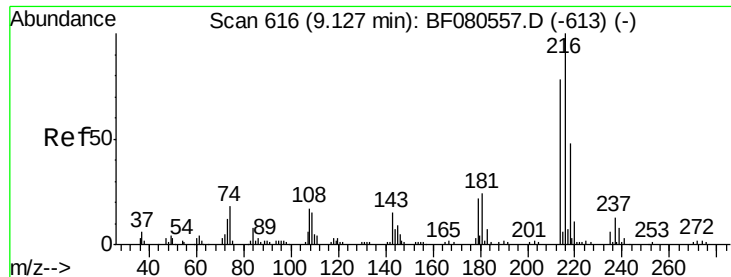
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion:164 Resp: 81849
 Ion Ratio Lower Upper
 164 100
 162 97.8 82.2 123.4
 160 43.9 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

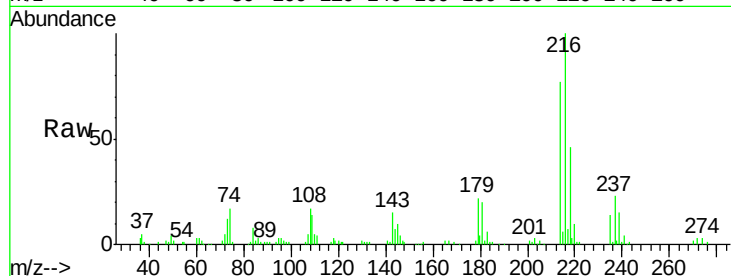




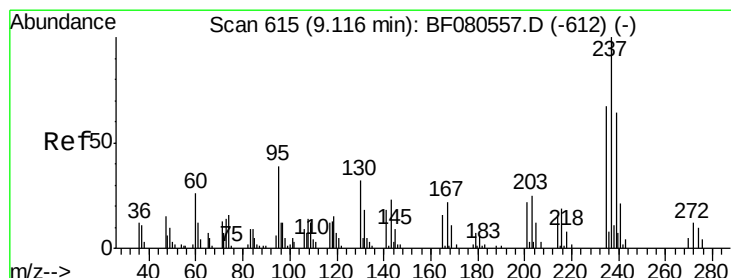
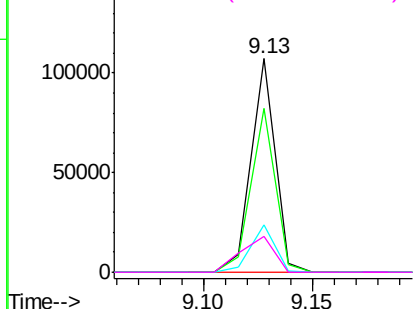
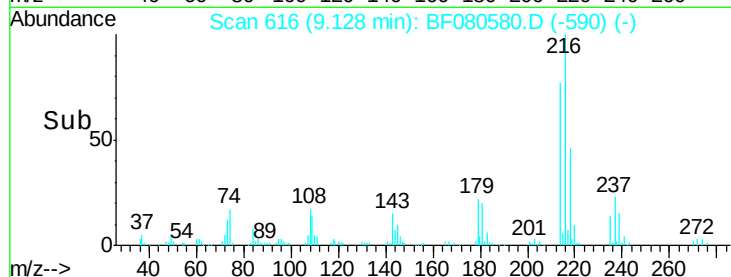
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.63 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:	216	Resp:	83149
Ion	Ratio	Lower	Upper
216	100		
214	77.0	62.6	93.8
179	22.2	18.0	27.0
108	23.2	15.9	23.9

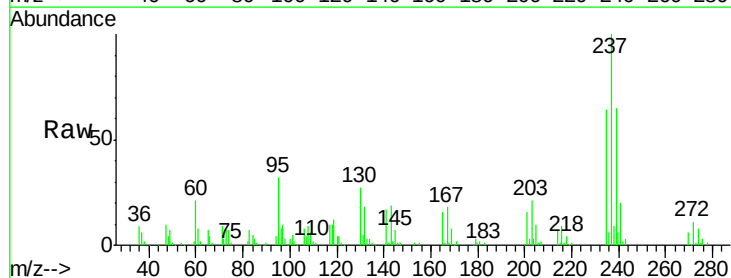


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

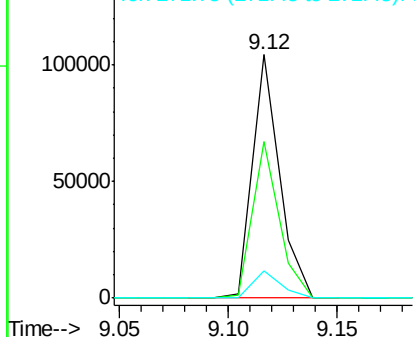
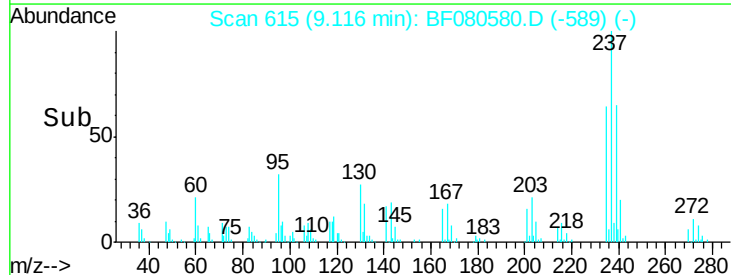


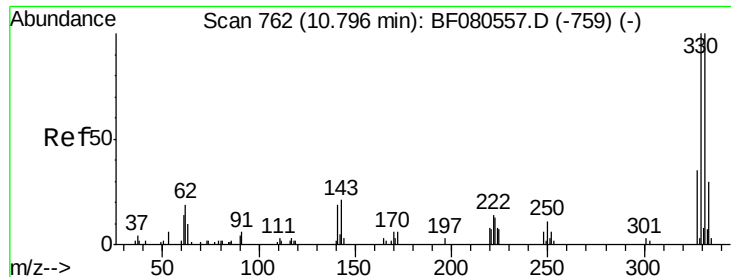
#40
 Hexachlorocyclopentadiene
 Concen: 74.27 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion:	237	Resp:	89789
Ion	Ratio	Lower	Upper
237	100		
235	64.2	47.3	87.3
272	11.4	0.0	31.5



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

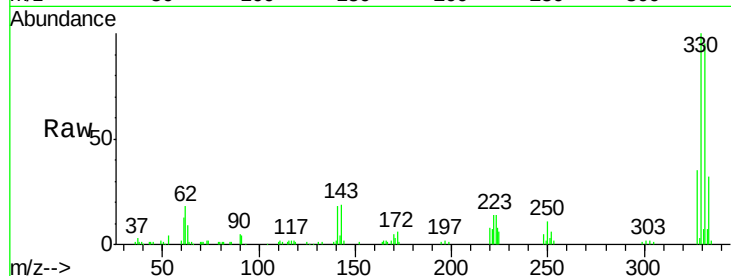




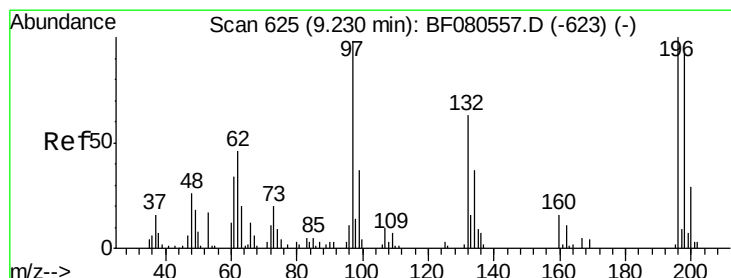
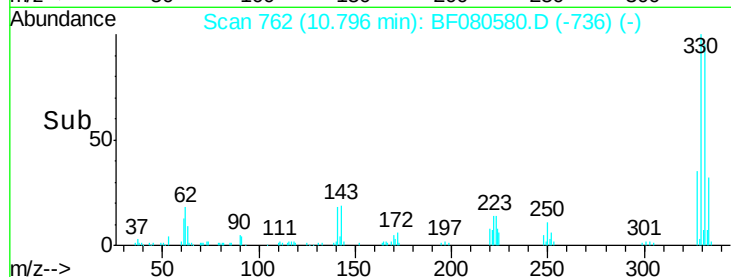
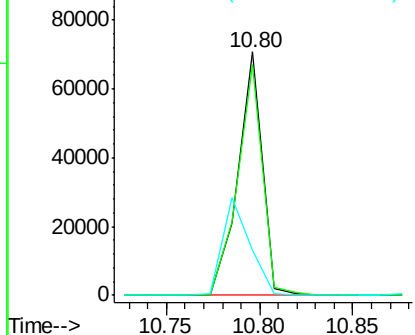
#41
 2,4,6-Tribromophenol
 Concen: 107.40 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:330 Resp: 64895
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.3 117.5
 141 44.8 37.9 56.9

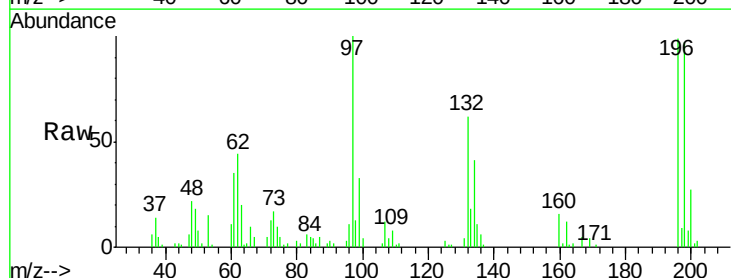


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

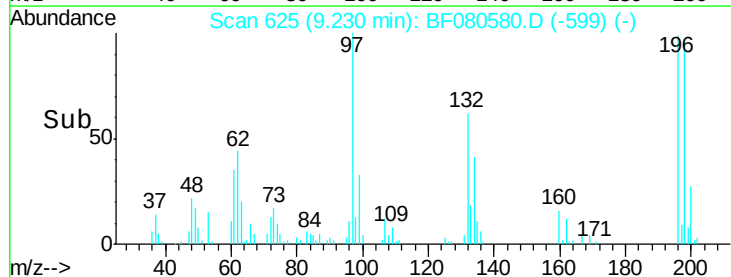
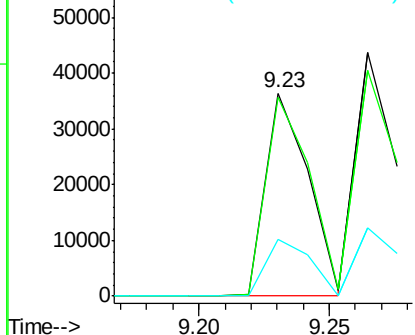


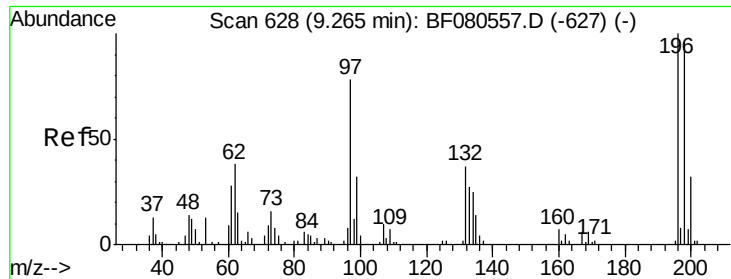
#42
 2,4,6-Trichlorophenol
 Concen: 29.87 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion:196 Resp: 41513
 Ion Ratio Lower Upper
 196 100
 198 97.8 73.9 110.9
 200 27.8 23.4 35.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

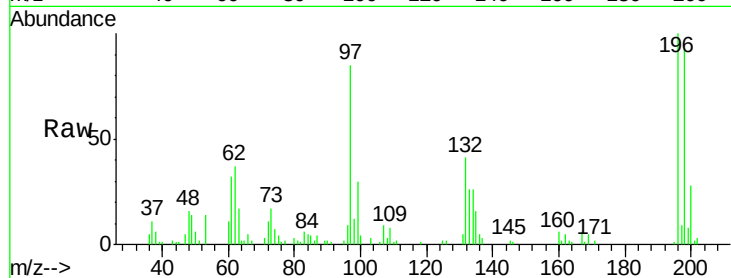




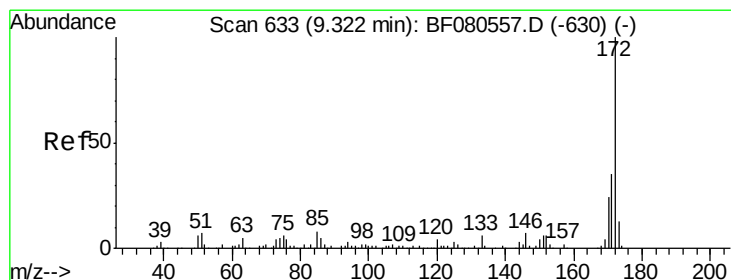
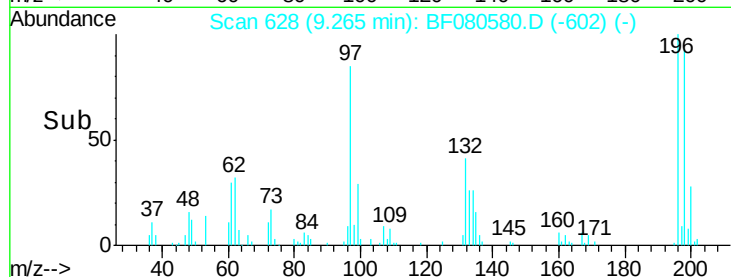
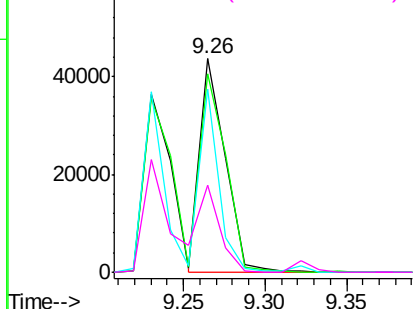
#43
 2,4,5-Trichlorophenol
 Concen: 32.98 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:196 Resp: 47907
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.9 115.3
 97 85.4 63.0 94.4
 132 40.7 30.1 45.1

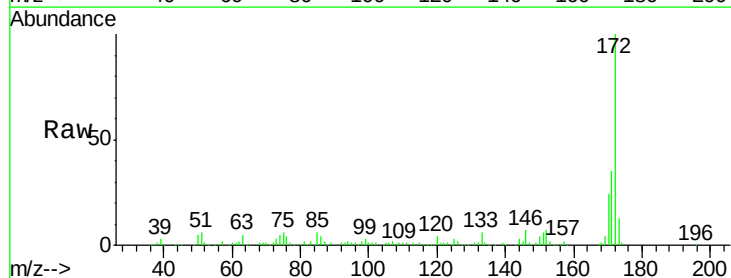


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

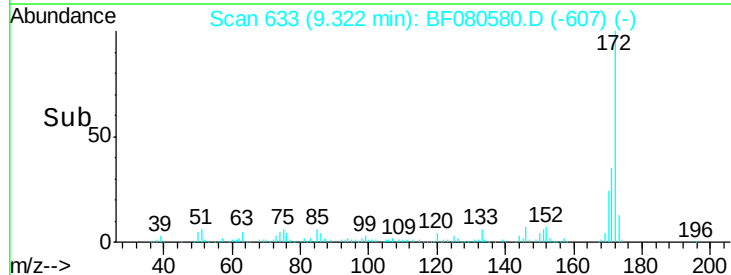
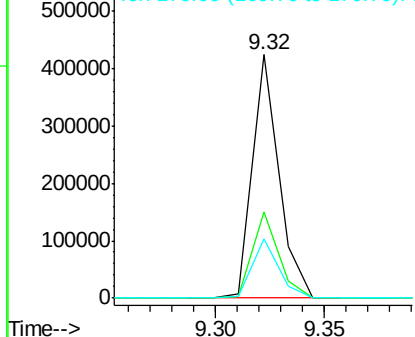


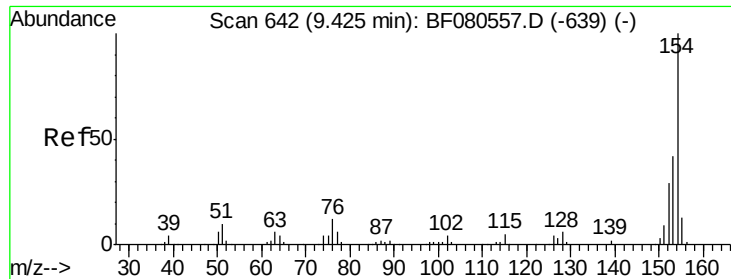
#44
 2-Fluorobiphenyl
 Concen: 62.70 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion:172 Resp: 356856
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.7 41.5
 170 24.2 19.1 28.7



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

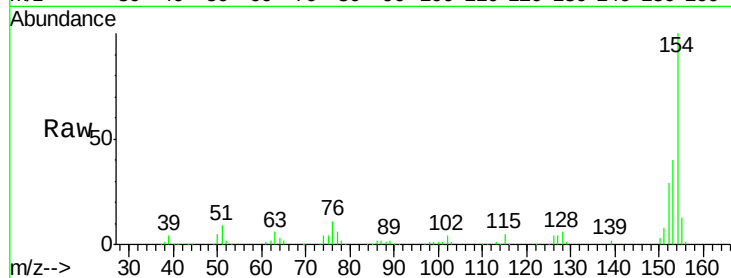




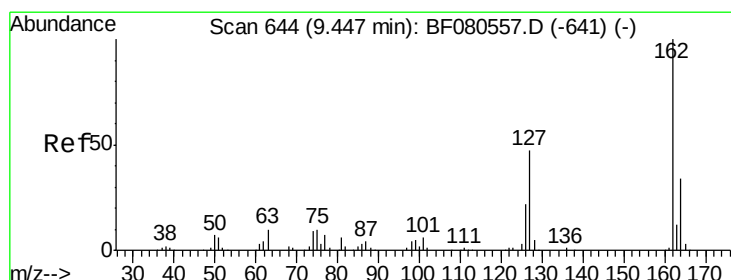
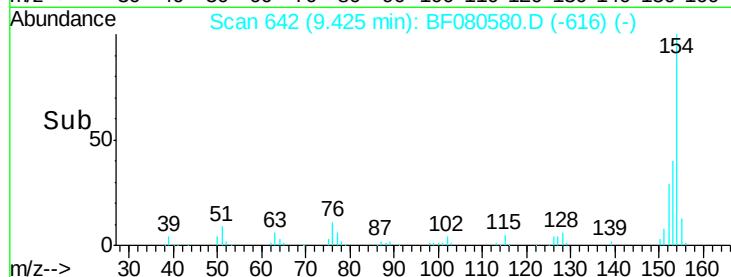
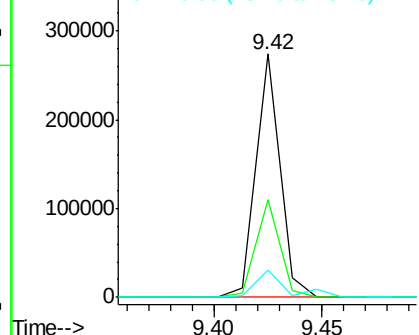
#45
 1,1'-Biphenyl
 Concen: 30.66 ng
 RT: 9.42 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.8	61.8
76	11.2	0.0	32.1

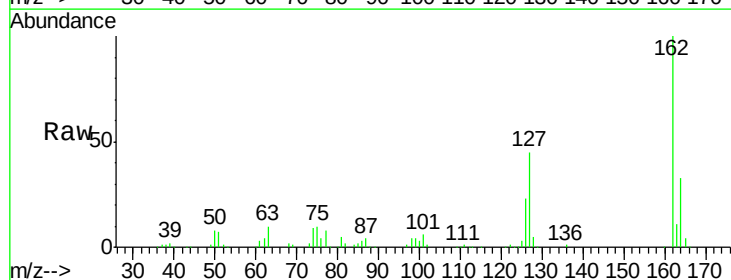


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

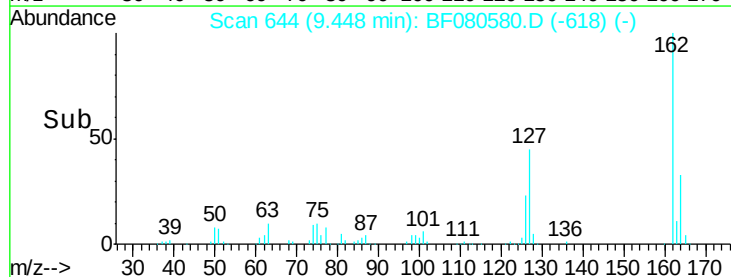
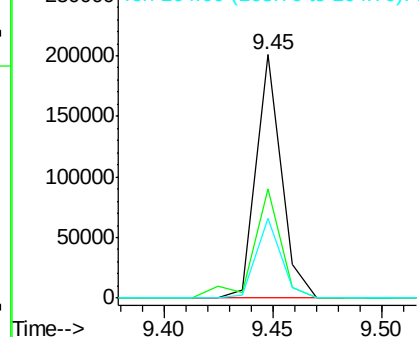


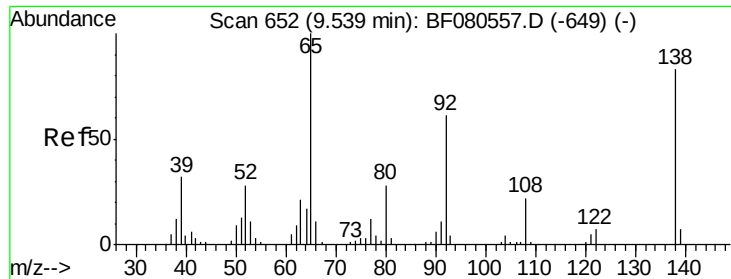
#46
 2-Chloronaphthalene
 Concen: 29.71 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.6	37.6	56.4
164	32.6	27.4	41.0



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

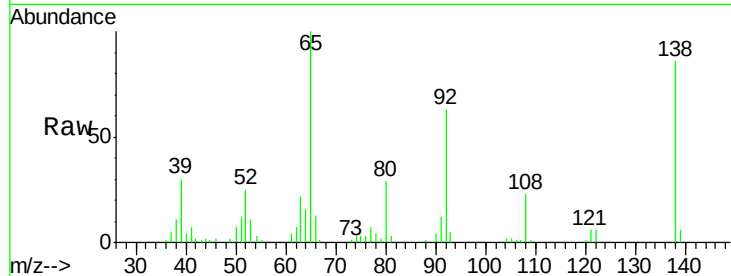




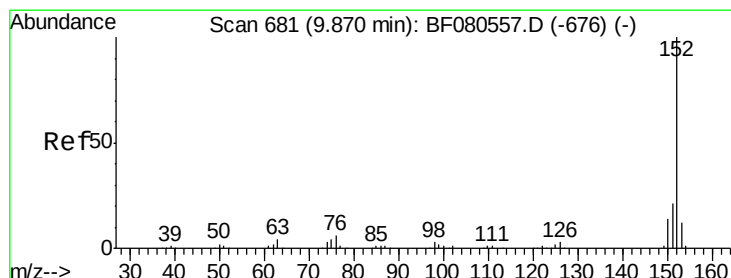
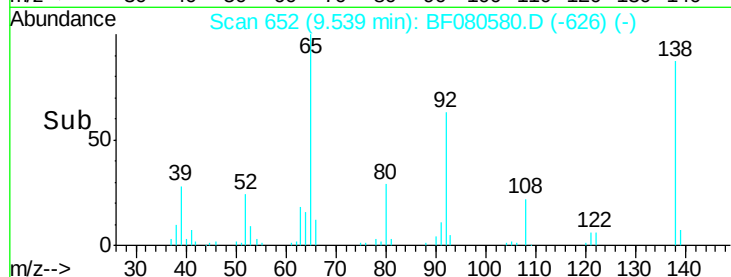
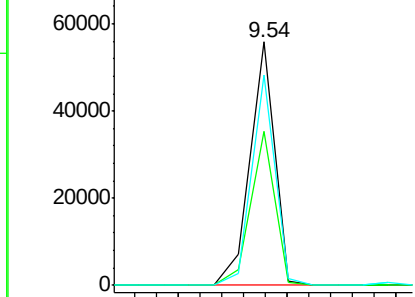
#47
 2-Nitroaniline
 Concen: 37.49 ng
 RT: 9.54 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion: 65 Resp: 43743
 Ion Ratio Lower Upper
 65 100
 92 63.0 48.7 73.1
 138 86.4 66.8 100.2

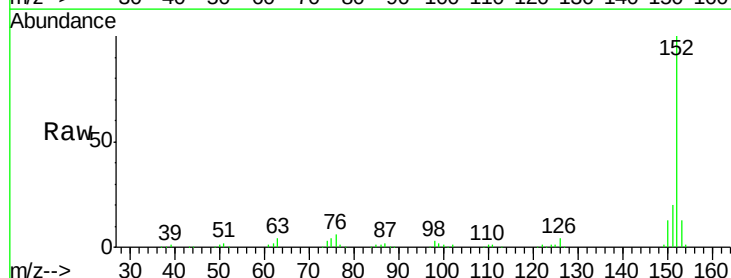


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

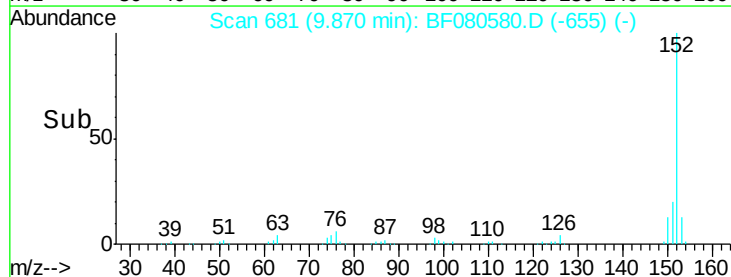
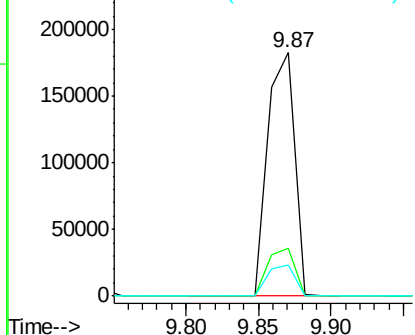


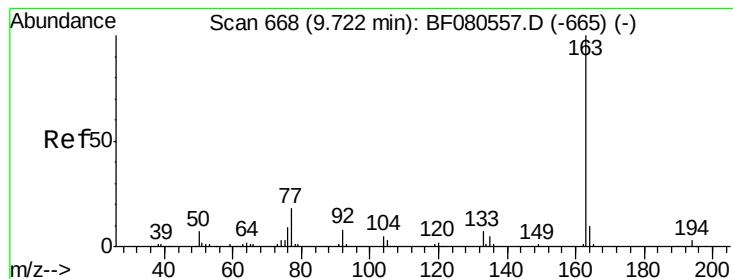
#48
 Acenaphthylene
 Concen: 29.53 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion: 152 Resp: 234869
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.4 24.6
 153 12.6 9.7 14.5



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





#49

Dimethylphthalate

Concen: 33.66 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

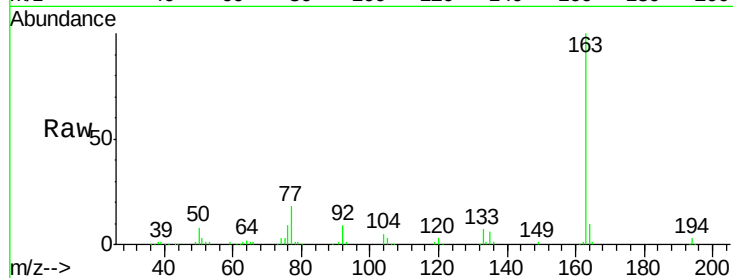
Tgt Ion:163 Resp: 193459

Ion Ratio Lower Upper

163 100

194 3.3 2.5 3.7

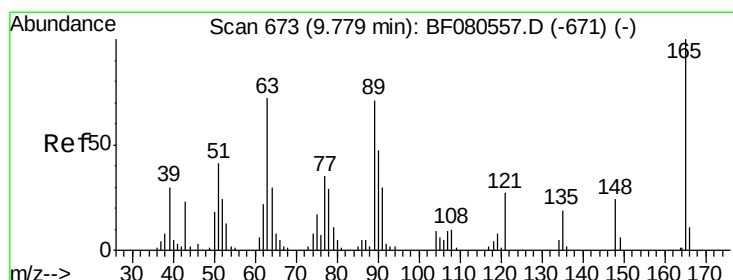
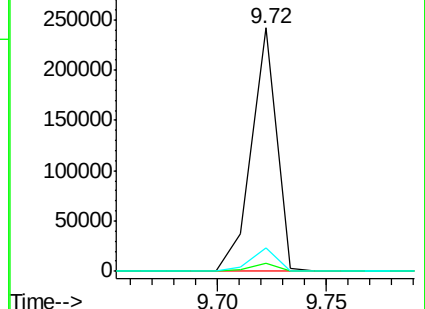
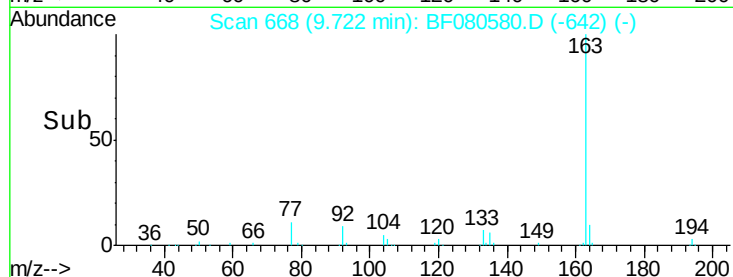
164 9.8 8.1 12.1



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: 35.13 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

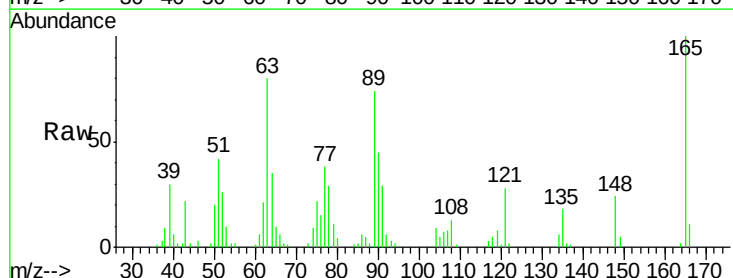
Tgt Ion:165 Resp: 32783

Ion Ratio Lower Upper

165 100

63 80.1 59.0 88.6

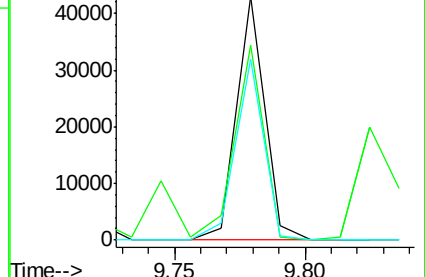
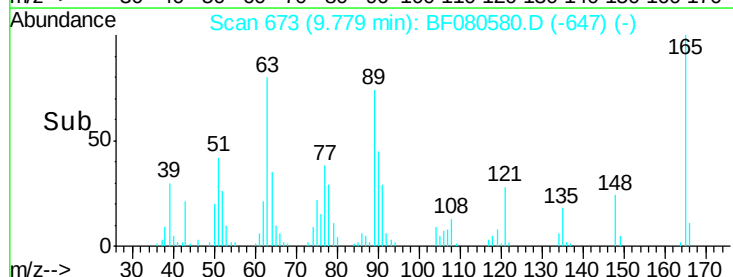
89 74.1 56.9 85.3

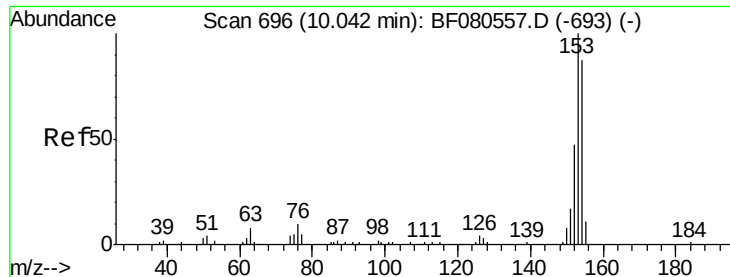


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.77 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

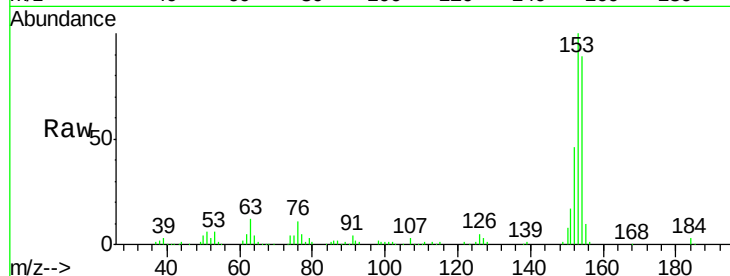
Tgt Ion:154 Resp: 148436

Ion Ratio Lower Upper

154 100

153 111.9 92.2 138.2

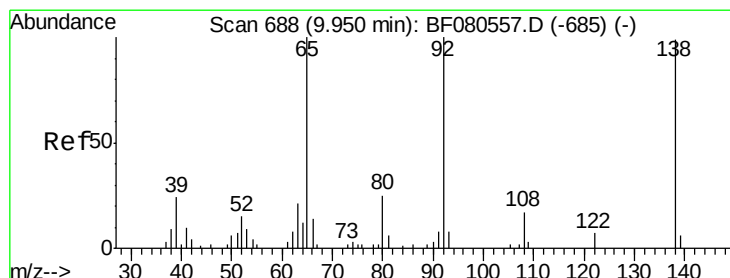
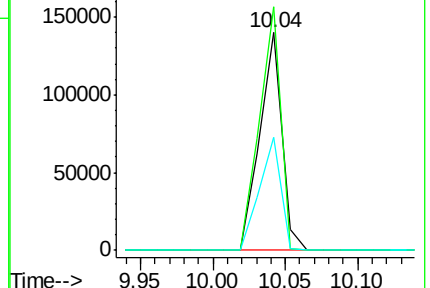
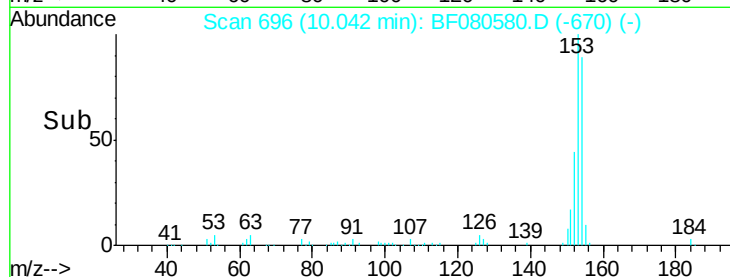
152 51.7 43.6 65.4



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: 25.15 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

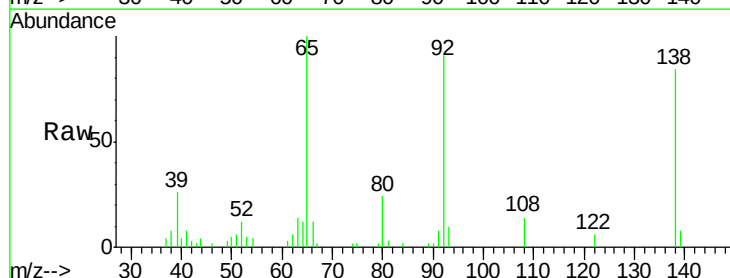
Tgt Ion:138 Resp: 20599

Ion Ratio Lower Upper

138 100

108 17.1 13.7 20.5

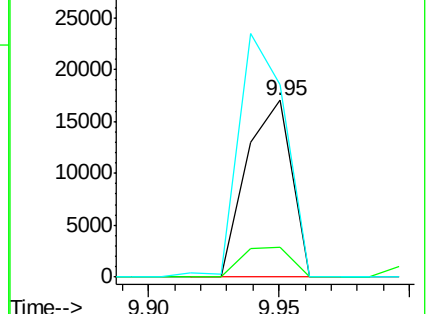
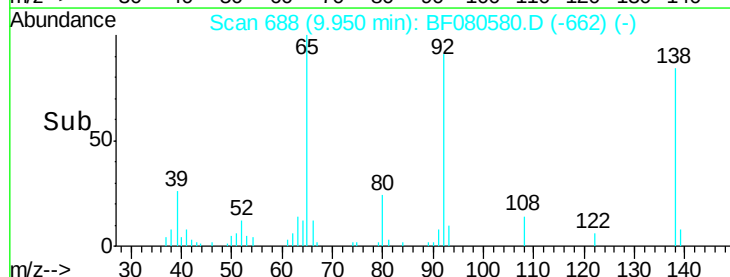
92 108.7 81.0 121.4

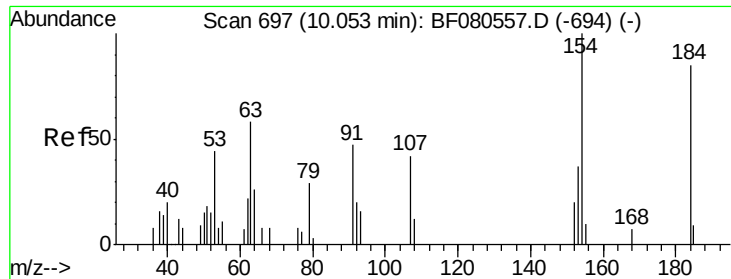


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

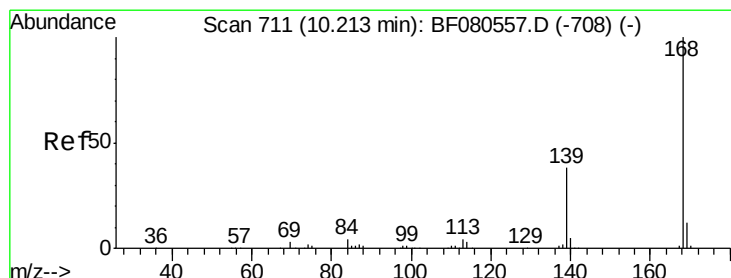
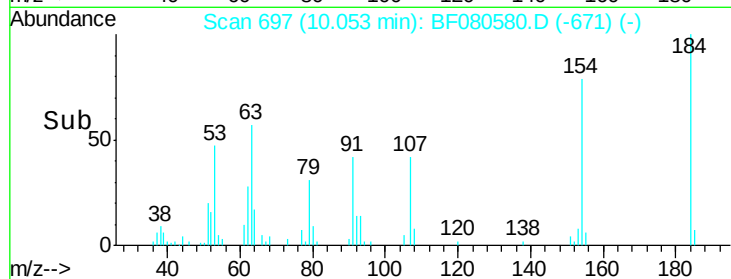
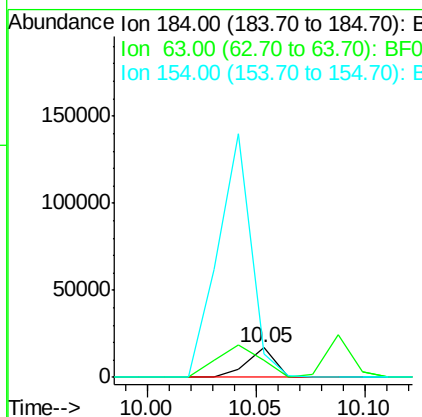
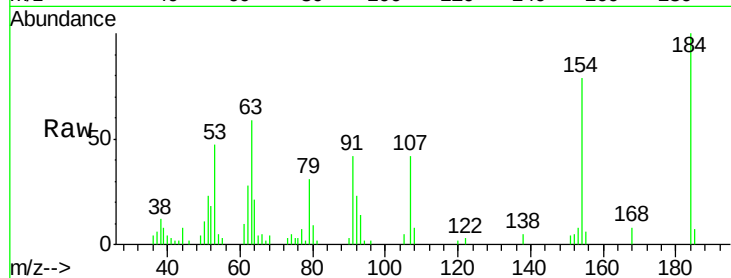




#53
 2,4-Dinitrophenol
 Concen: 75.14 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

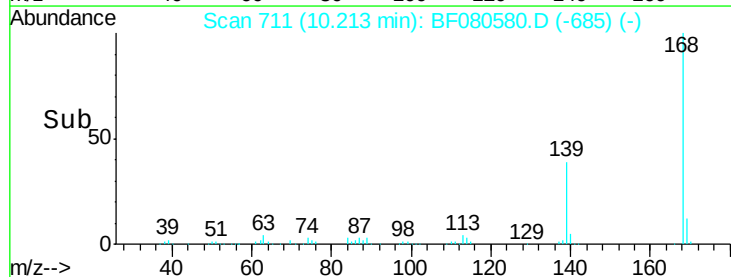
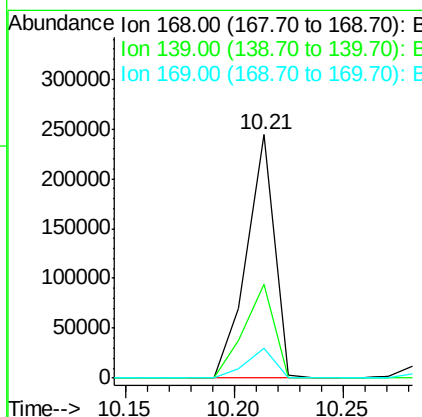
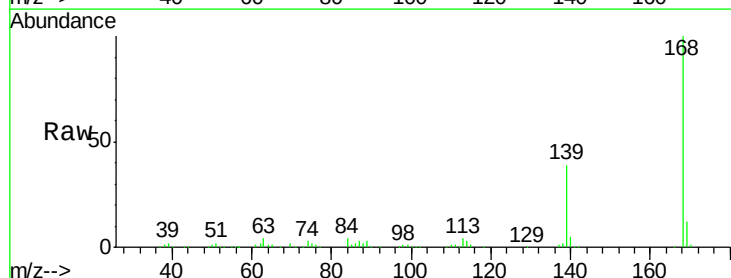
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

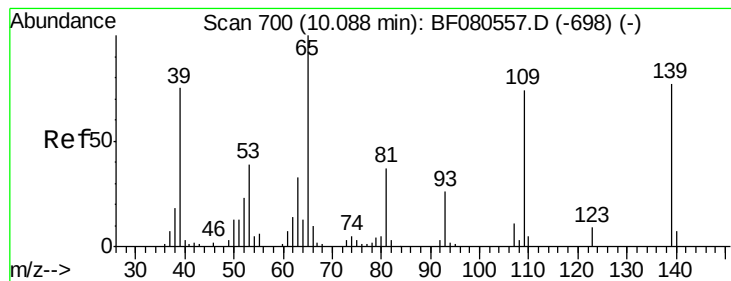
Tgt Ion:184 Resp: 15032
 Ion Ratio Lower Upper
 184 100
 63 59.5 54.9 82.3
 154 79.0 94.2 141.4#



#54
 Dibenzofuran
 Concen: 31.72 ng
 RT: 10.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion:168 Resp: 217725
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.7 46.1
 169 12.4 9.8 14.8





#55

4-Nitrophenol

Concen: 61.54 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

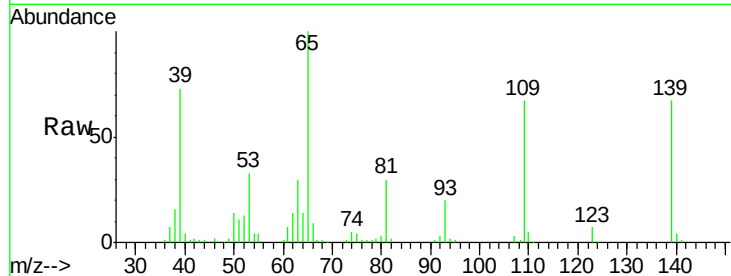
Tgt Ion:139 Resp: 48489

Ion Ratio Lower Upper

139 100

109 99.9 75.9 115.9

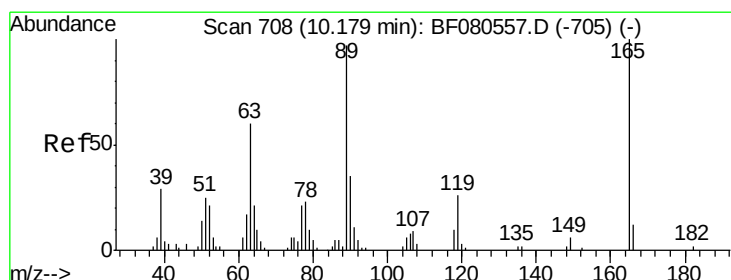
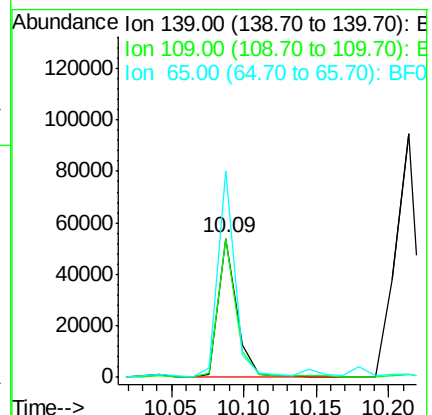
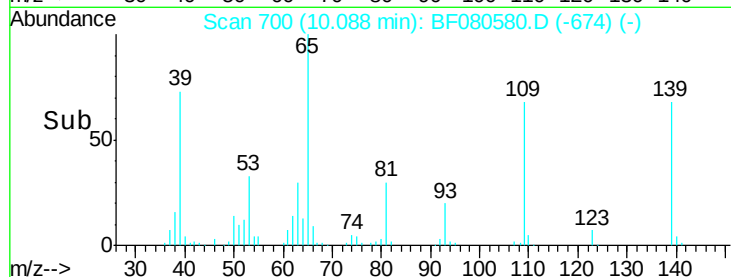
65 148.6 109.4 149.4



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: 39.41 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion:165 Resp: 40961

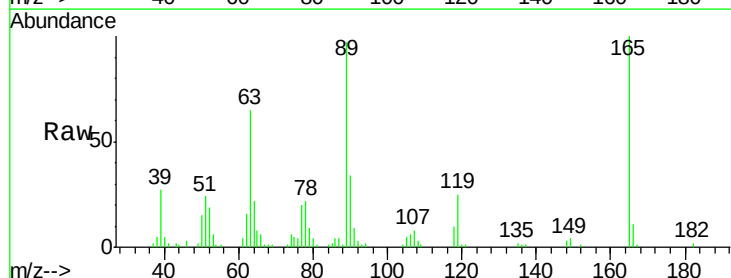
Ion Ratio Lower Upper

165 100

63 64.5 48.1 72.1

89 96.6 77.4 116.0

182 1.9 1.3 1.9

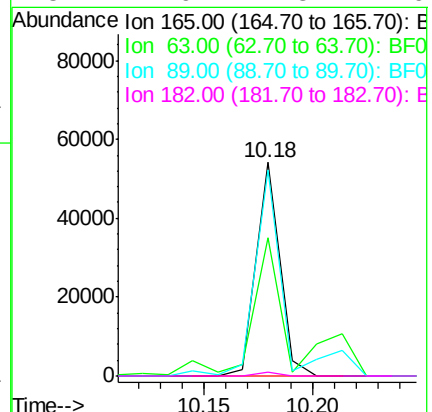
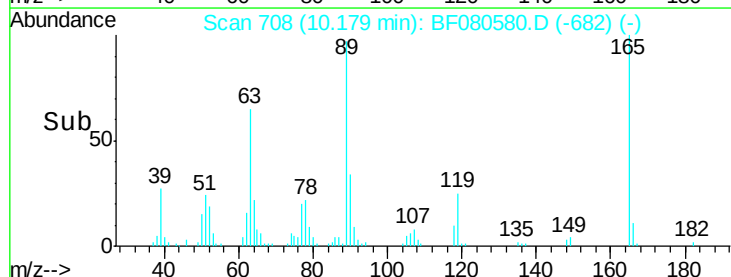


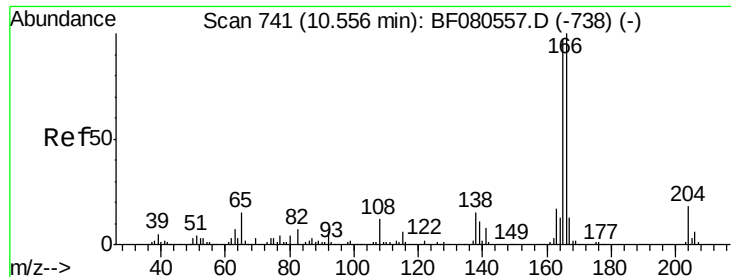
Abundance Ion 165.00 (164.70 to 165.70): E

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

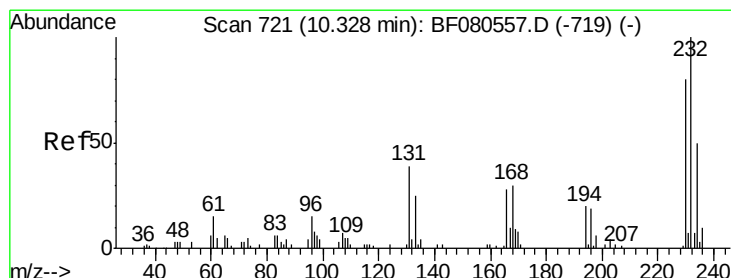
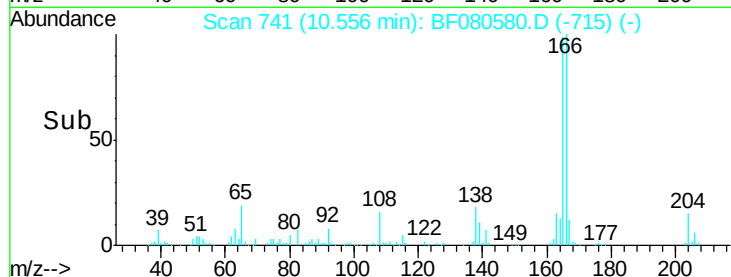
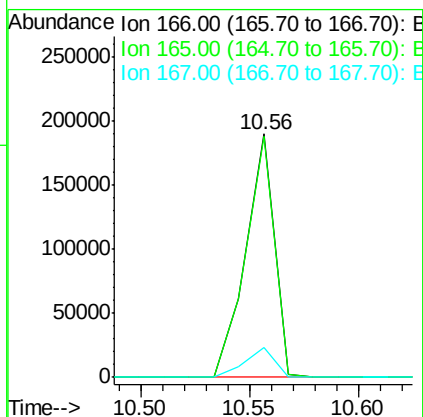
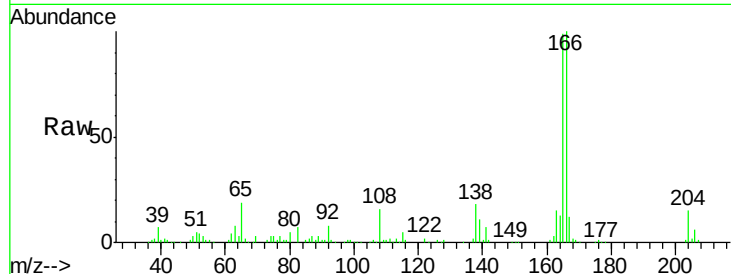




#57
 Fluorene
 Concen: 31.64 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

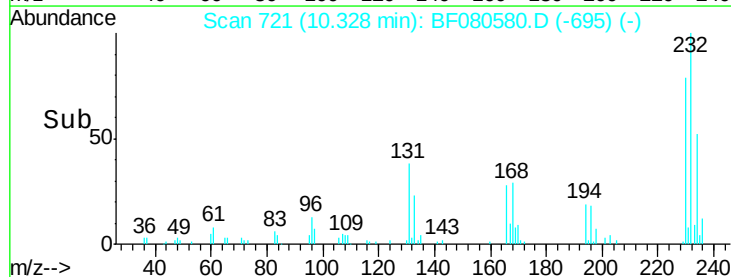
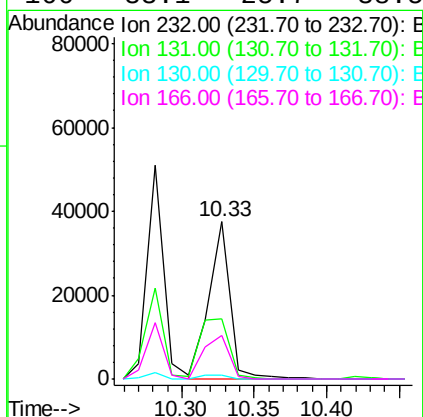
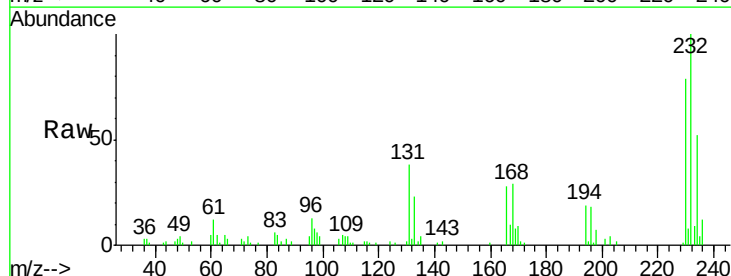
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

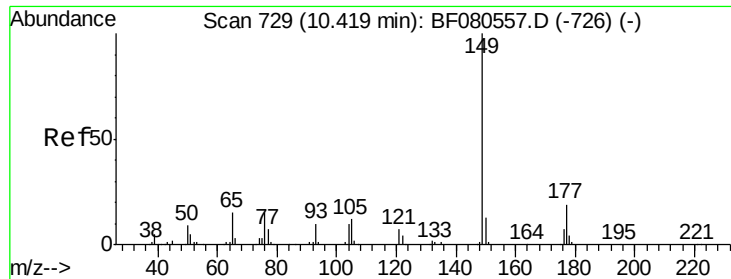
Tgt Ion:166 Resp: 173539
 Ion Ratio Lower Upper
 166 100
 165 99.1 77.7 116.5
 167 12.4 10.5 15.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.41 ng
 RT: 10.33 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion:232 Resp: 38437
 Ion Ratio Lower Upper
 232 100
 131 52.8 41.4 62.0
 130 3.2 1.9 2.9#
 166 33.1 25.7 38.5

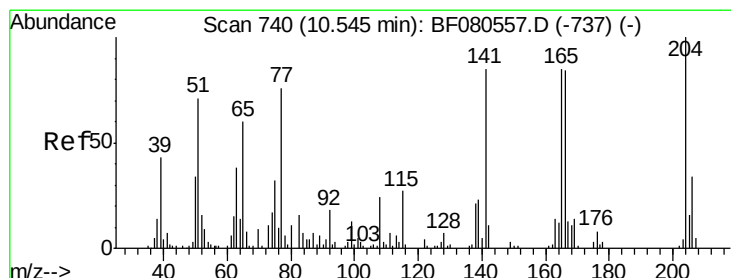
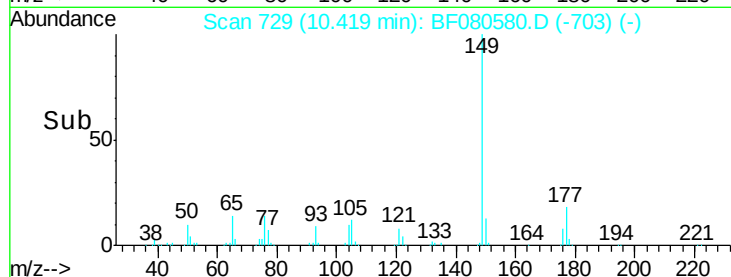
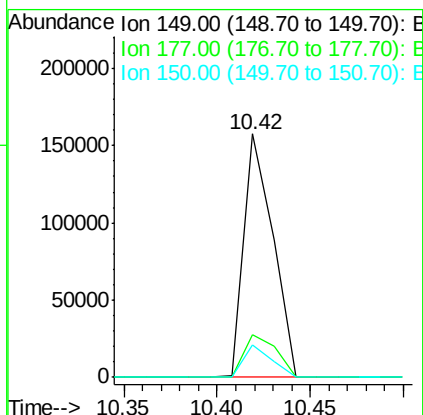
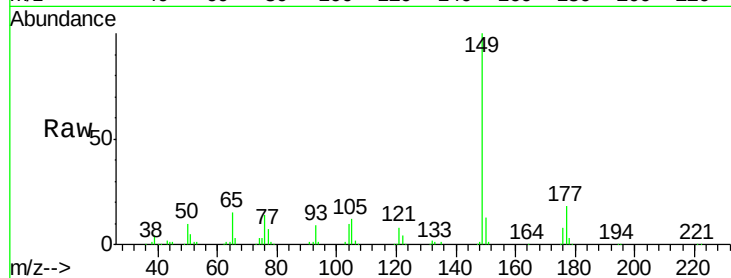




#59
Diethylphthalate
Concen: 32.11 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

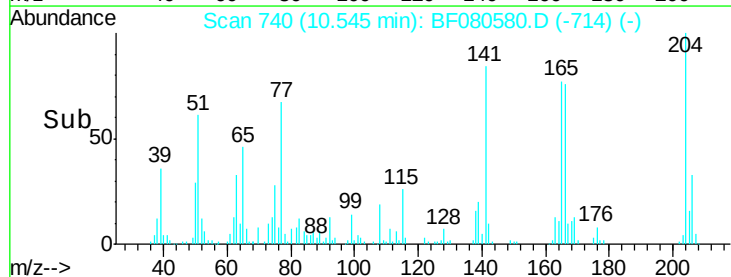
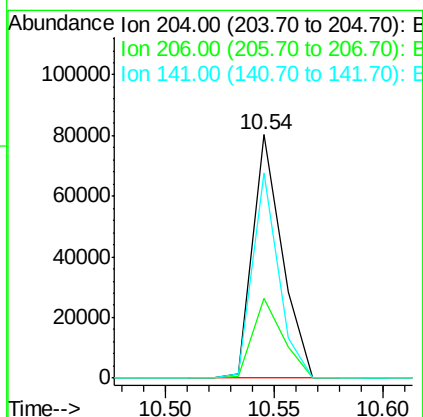
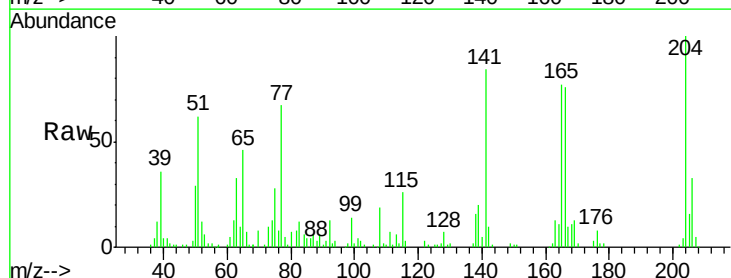
Instrument :
BNA_F
ClientSampleId :
PB84616BS

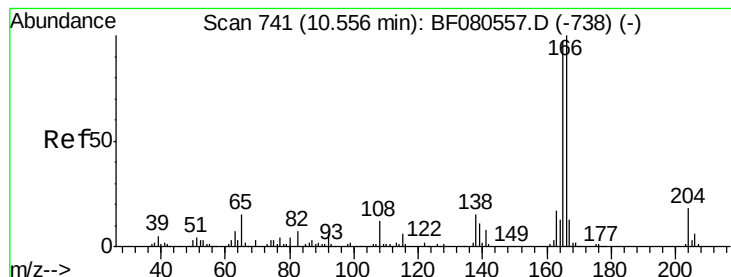
Tgt Ion:149 Resp: 170298
Ion Ratio Lower Upper
149 100
177 17.6 14.9 22.3
150 13.1 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 31.96 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion:204 Resp: 75587
Ion Ratio Lower Upper
204 100
206 32.6 27.1 40.7
141 84.5 68.3 102.5





#61

4-Nitroaniline

Concen: 32.88 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

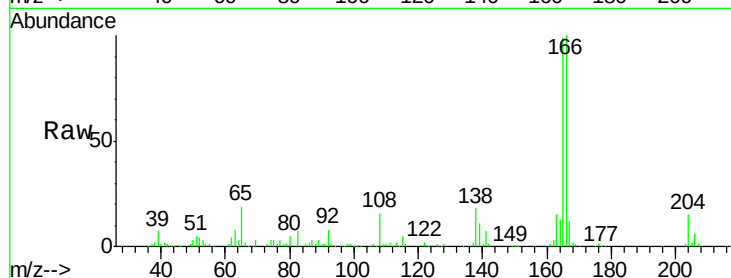
Tgt Ion:138 Resp: 32372

Ion Ratio Lower Upper

138 100

92 45.0 22.6 62.6

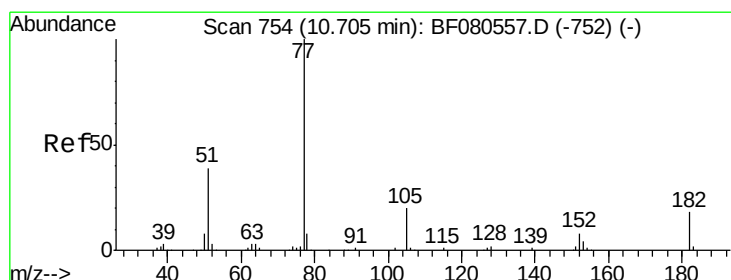
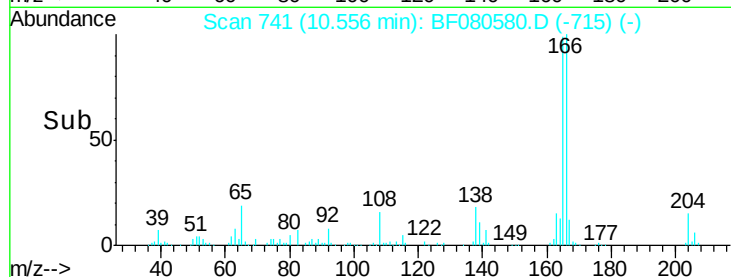
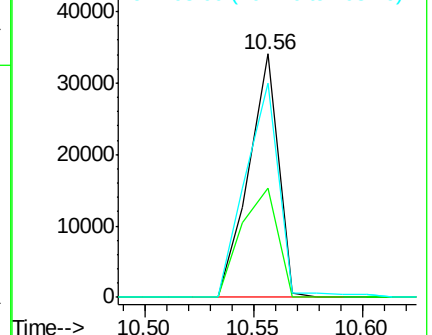
108 88.2 62.0 102.0



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: 33.81 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Tgt Ion: 77 Resp: 197483

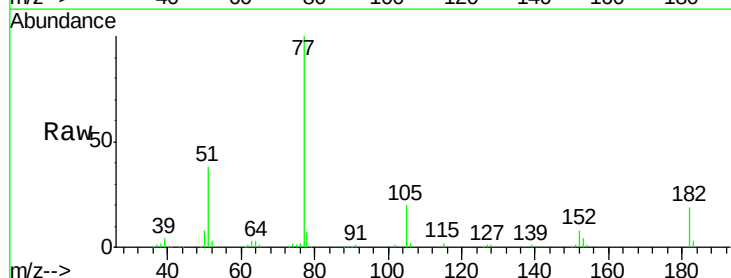
Ion Ratio Lower Upper

77 100

182 19.2 0.0 37.8

105 19.9 0.1 40.1

51 38.0 18.8 58.8

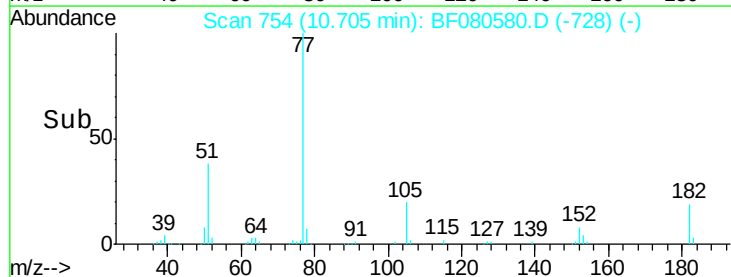
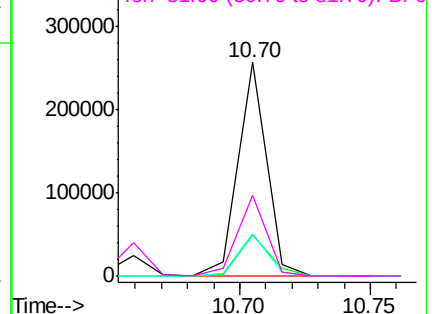


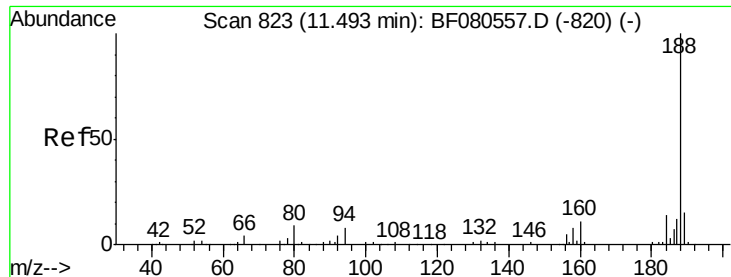
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

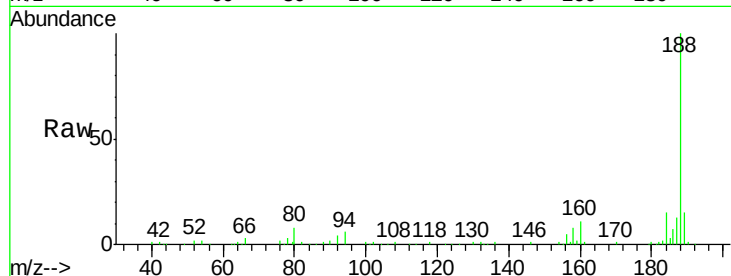




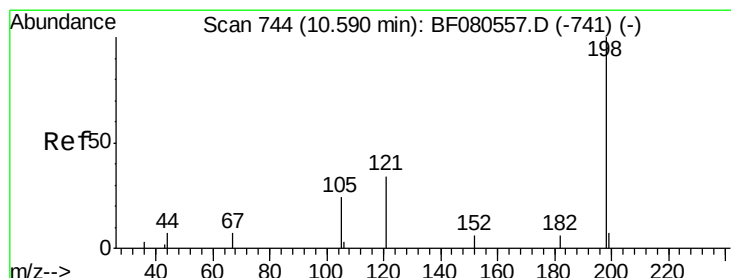
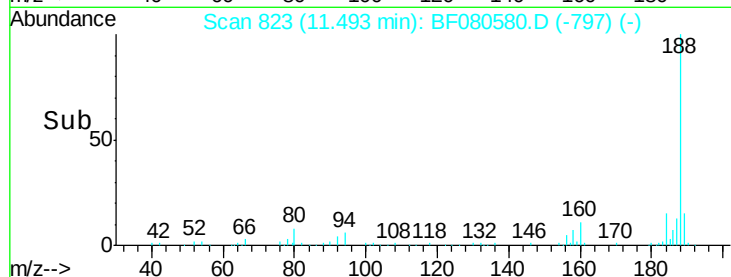
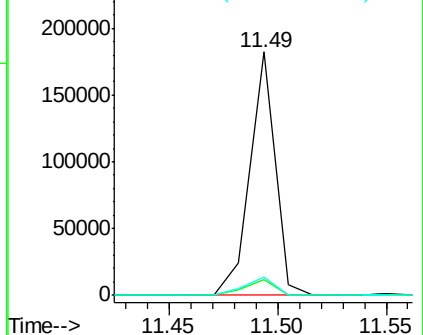
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.1	9.1
80	7.5	7.0	10.6

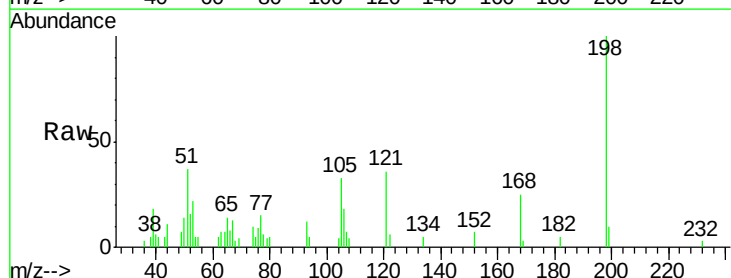


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

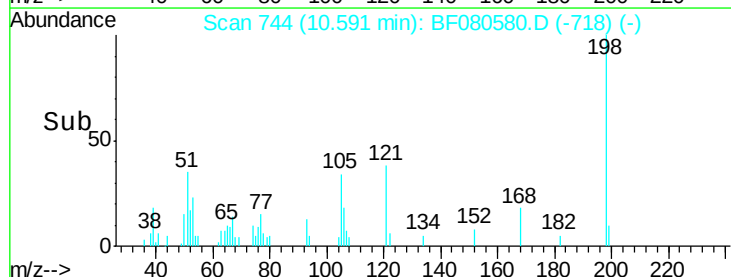
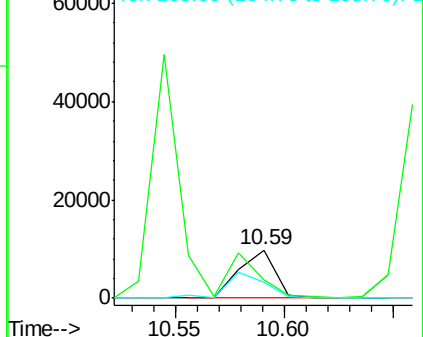


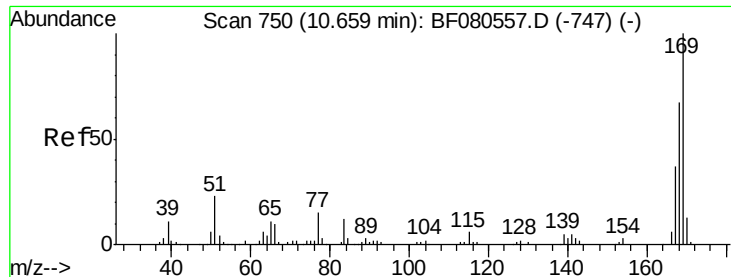
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.99 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.1	32.0	72.0
105	33.0	16.3	56.3



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

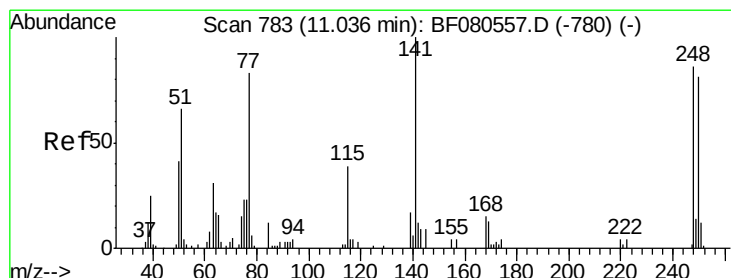
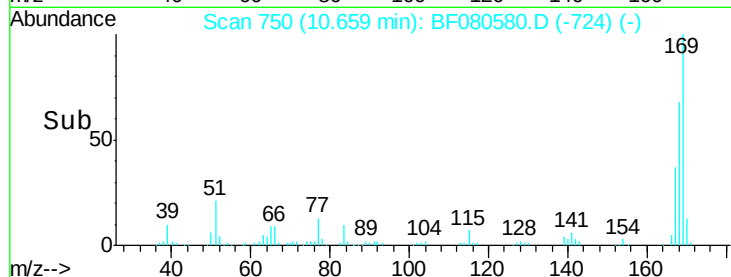
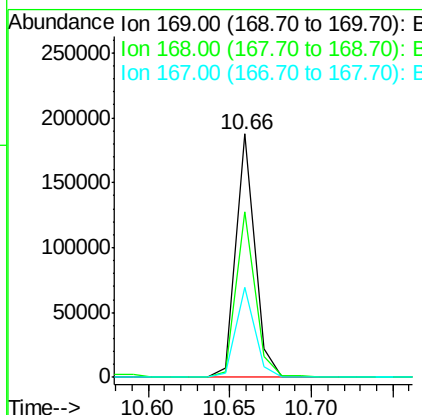
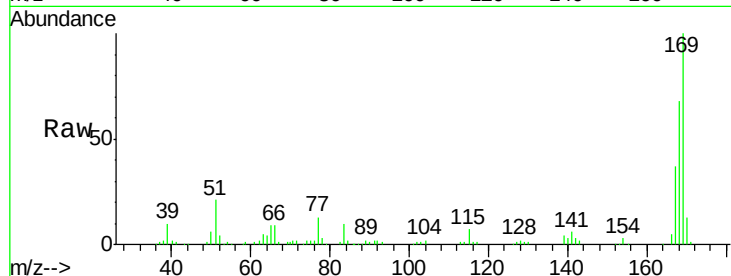




#65
 n-Nitrosodiphenylamine
 Concen: 30.79 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

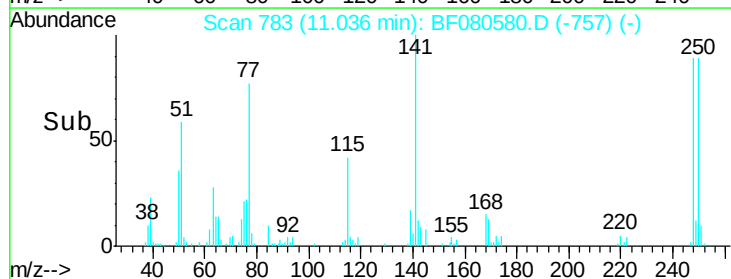
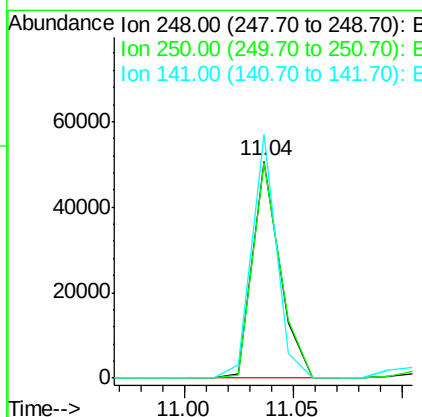
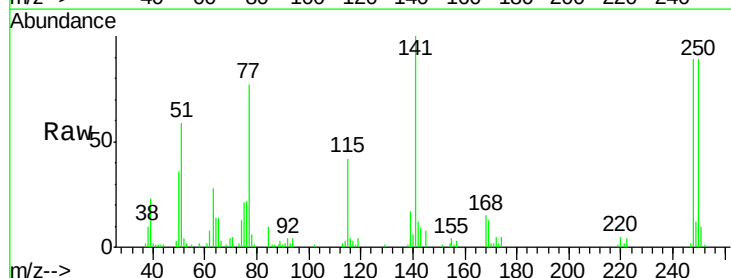
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

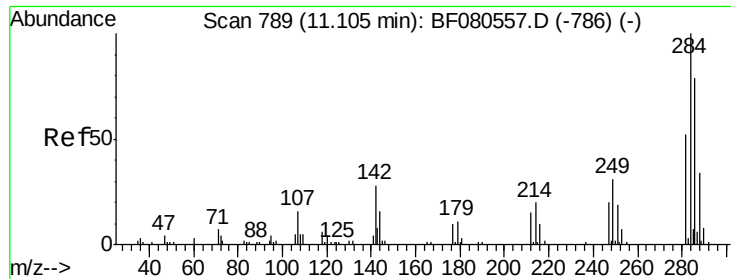
Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.3	79.9
167	36.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 31.33 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.6	75.4	113.2
141	112.2	93.4	140.0





#67

Hexachlorobenzene

Concen: 32.54 ng

RT: 11.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

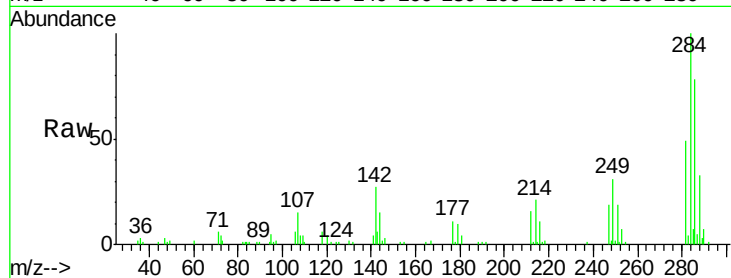
Tgt Ion:284 Resp: 52409

Ion Ratio Lower Upper

284 100

142 27.3 22.4 33.6

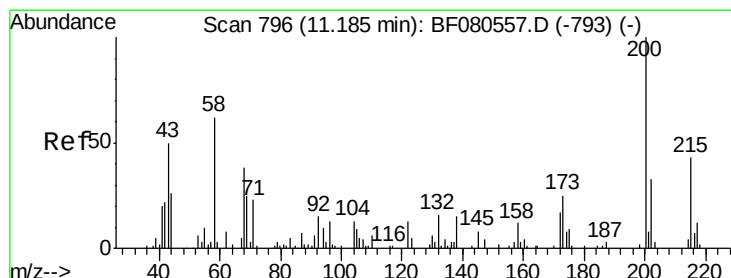
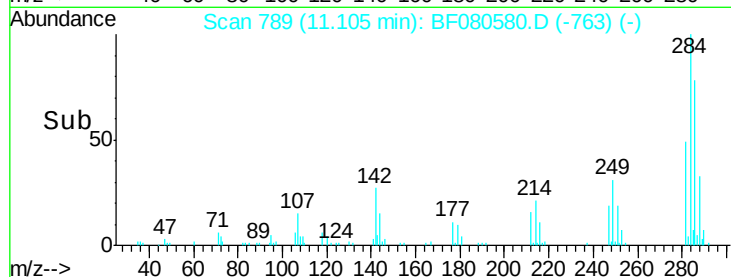
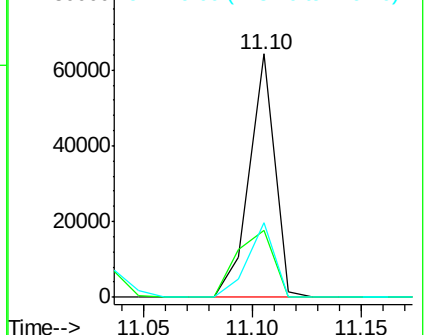
249 30.8 25.0 37.4



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: 32.80 ng

RT: 11.18 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

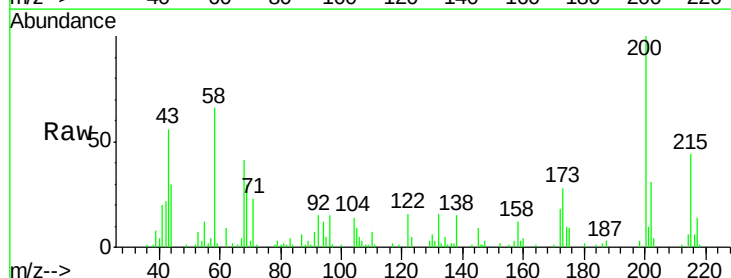
Tgt Ion:200 Resp: 42749

Ion Ratio Lower Upper

200 100

173 28.1 4.6 44.6

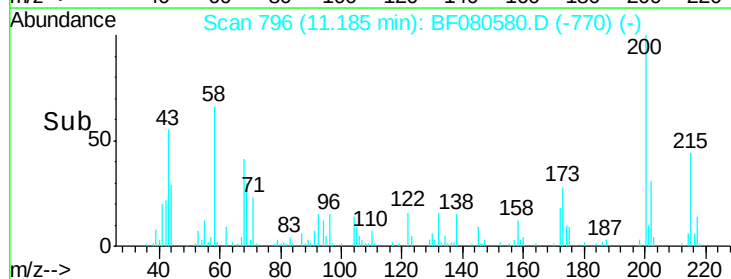
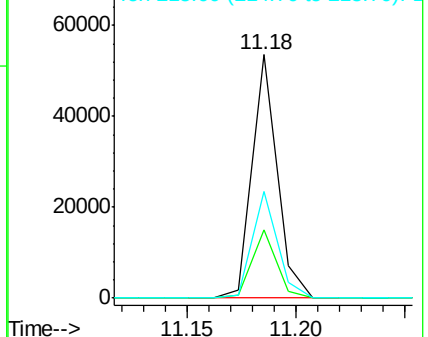
215 43.6 22.9 62.9

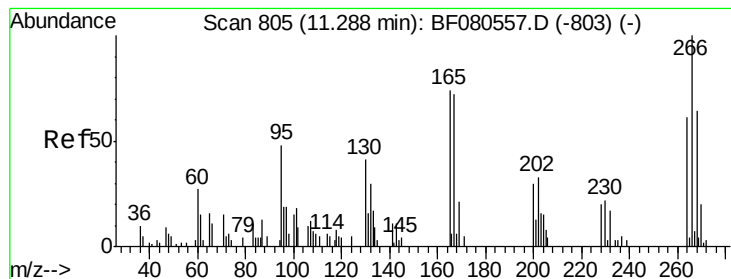


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 71.85 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

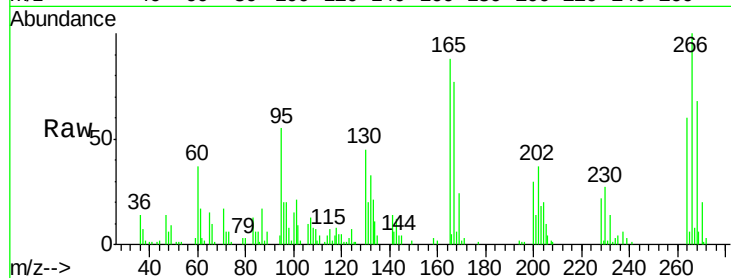
Tgt Ion:266 Resp: 45948

Ion Ratio Lower Upper

266 100

268 67.7 51.5 77.3

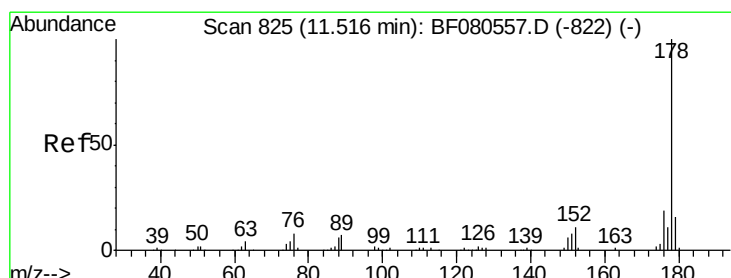
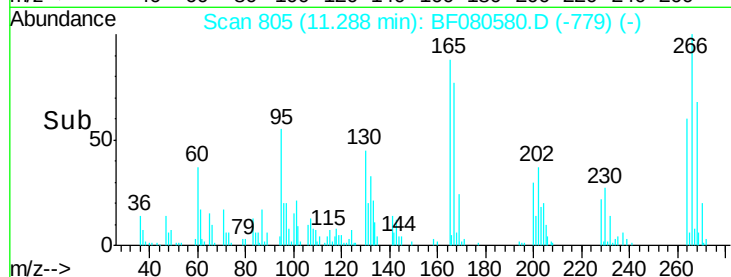
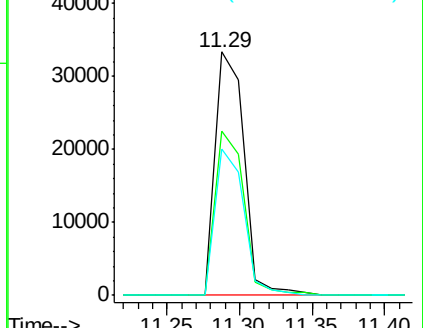
264 60.1 48.8 73.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 30.35 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

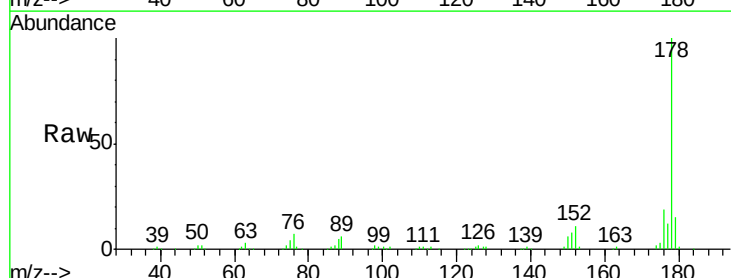
Tgt Ion:178 Resp: 253796

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

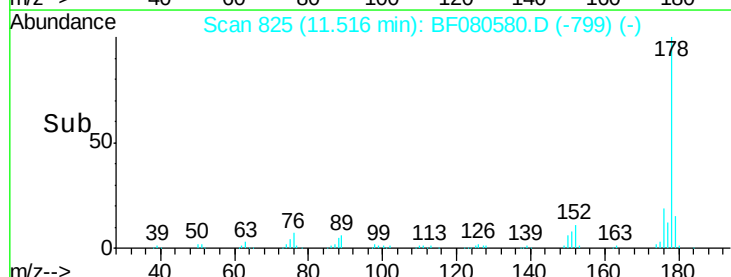
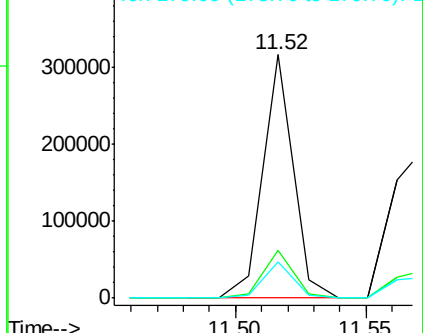
179 15.0 12.5 18.7

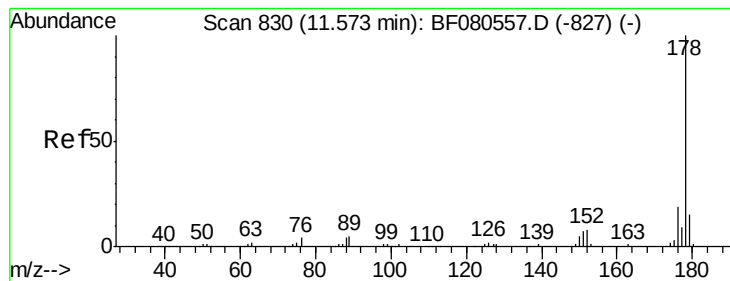


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 31.60 ng

RT: 11.57 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

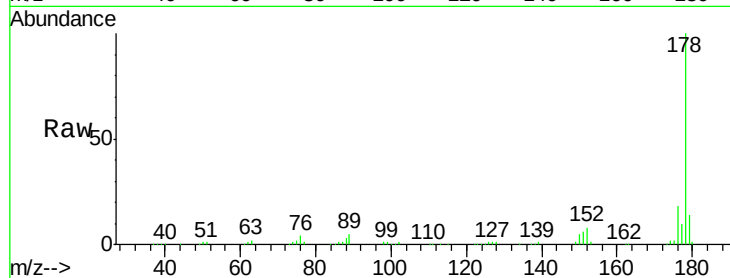
Tgt Ion:178 Resp: 244552

Ion Ratio Lower Upper

178 100

176 18.0 15.1 22.7

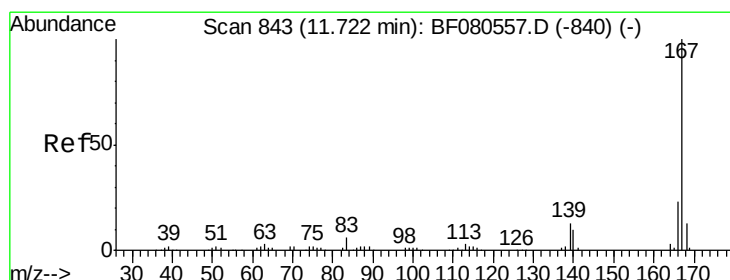
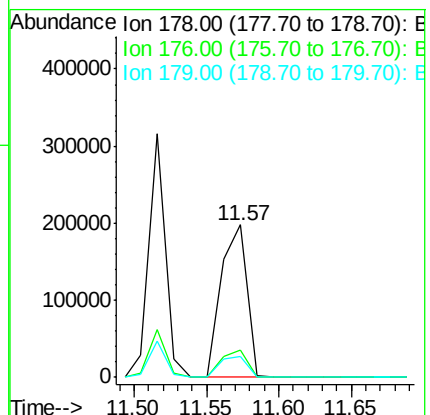
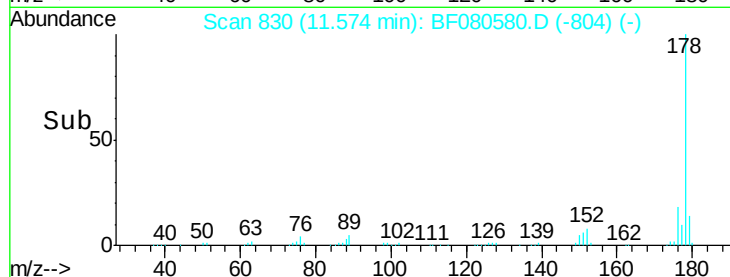
179 14.0 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.26 ng

RT: 11.72 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

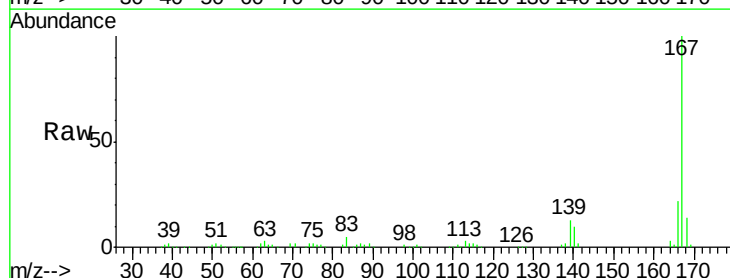
Tgt Ion:167 Resp: 226160

Ion Ratio Lower Upper

167 100

166 21.6 18.1 27.1

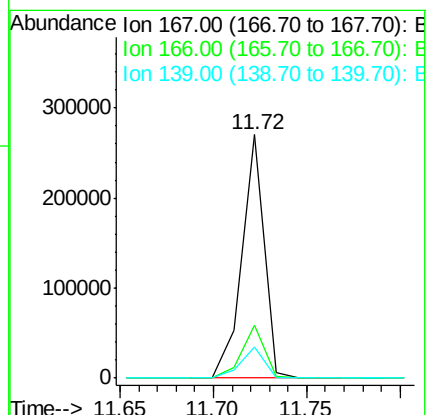
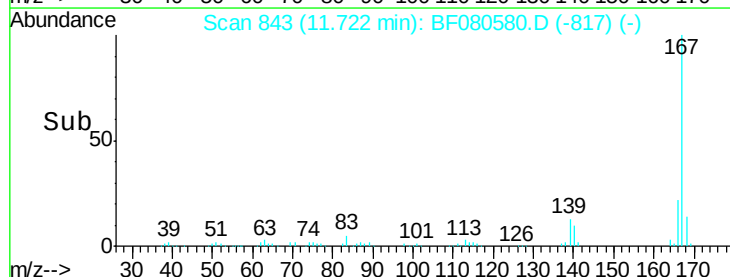
139 12.7 10.7 16.1

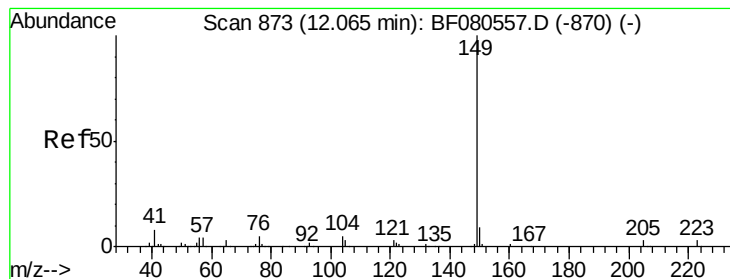


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 29.82 ng

RT: 12.06 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

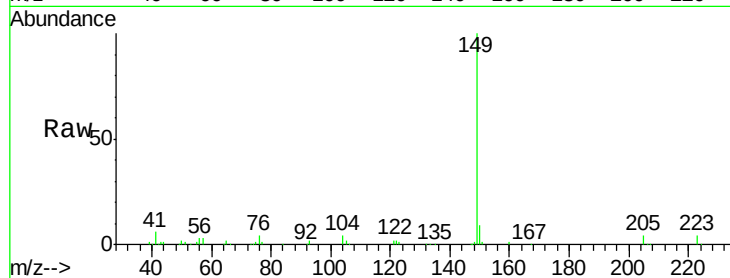
Tgt Ion:149 Resp: 243125

Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

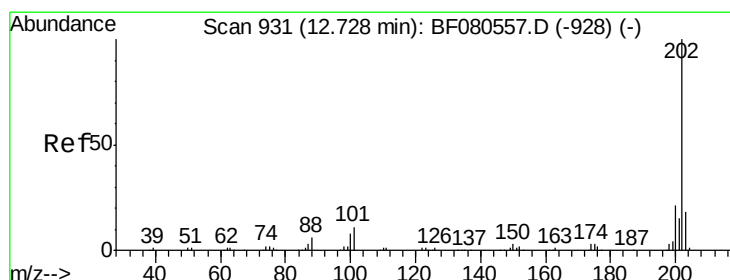
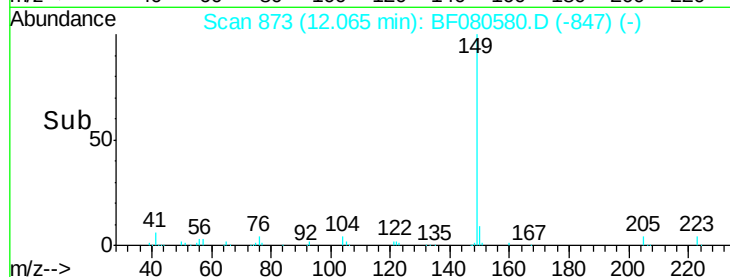
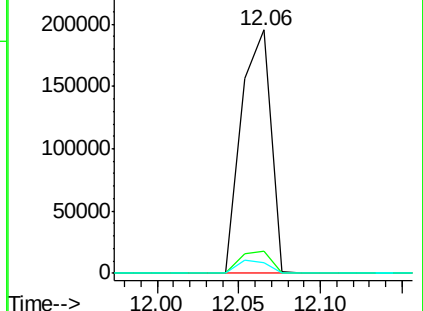
104 4.3 3.8 5.8



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: 29.67 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

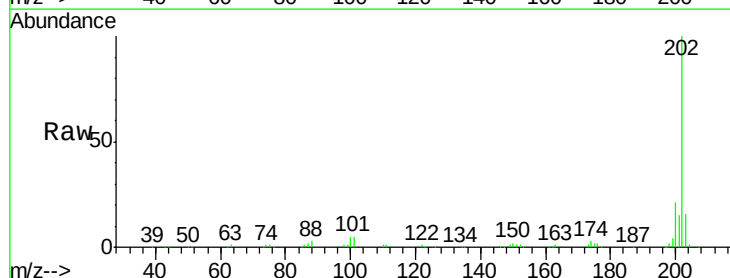
Tgt Ion:202 Resp: 224496

Ion Ratio Lower Upper

202 100

101 5.1 0.0 31.1

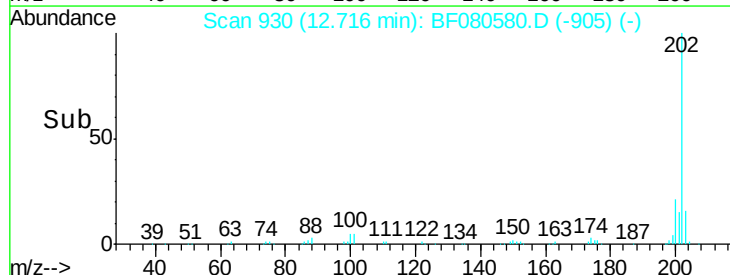
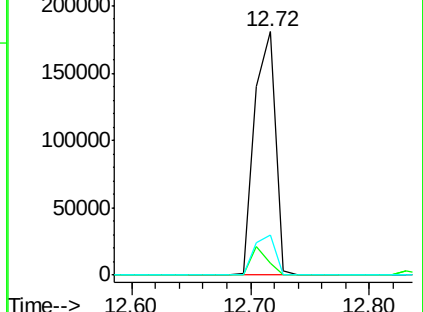
203 16.3 0.0 37.5

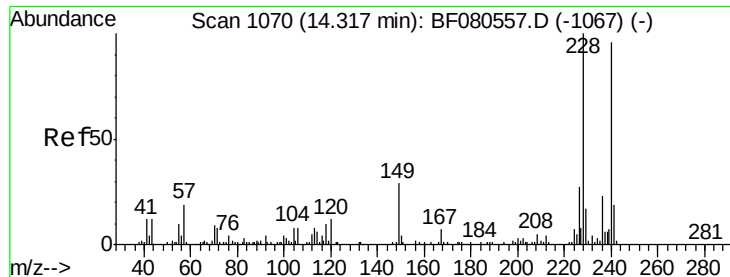


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.23 min Scan# 1062

Delta R.T. -0.09 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

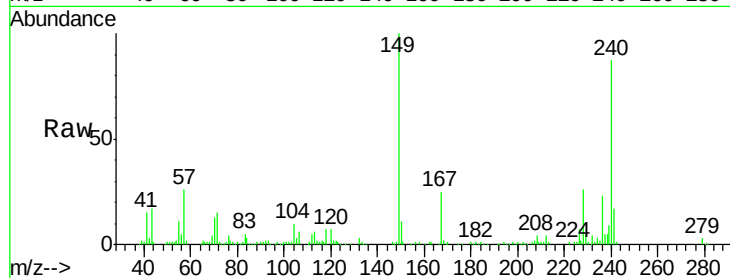
Tgt Ion:240 Resp: 113004

Ion Ratio Lower Upper

240 100

120 8.5 9.9 14.9#

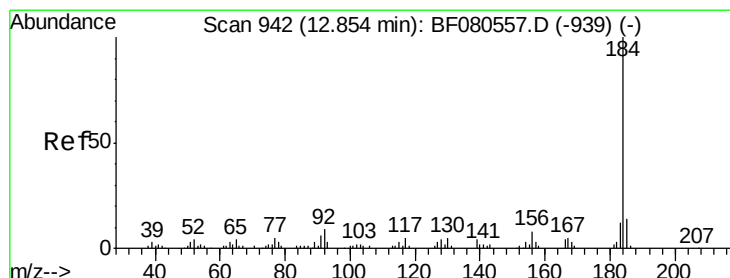
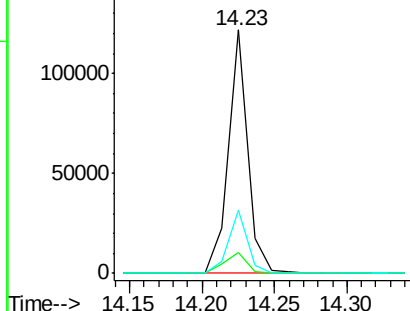
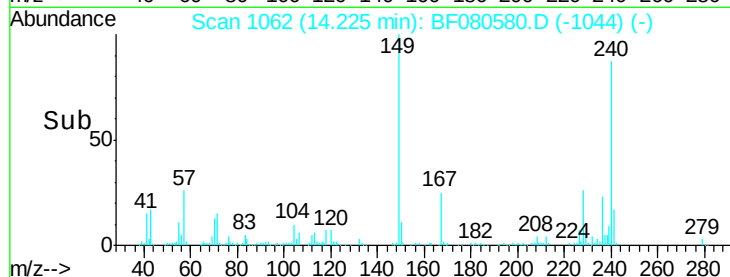
236 26.0 19.1 28.7



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: 108.21 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

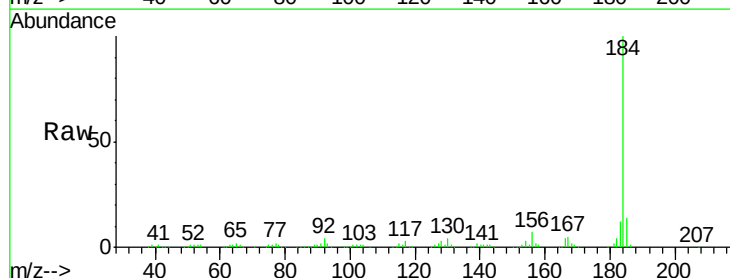
Tgt Ion:184 Resp: 363583

Ion Ratio Lower Upper

184 100

185 14.4 11.2 16.8

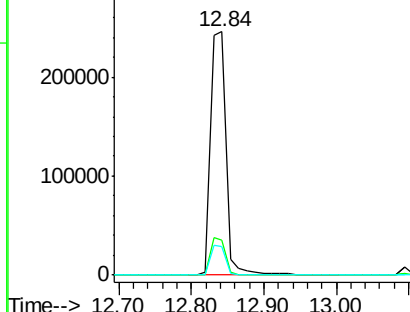
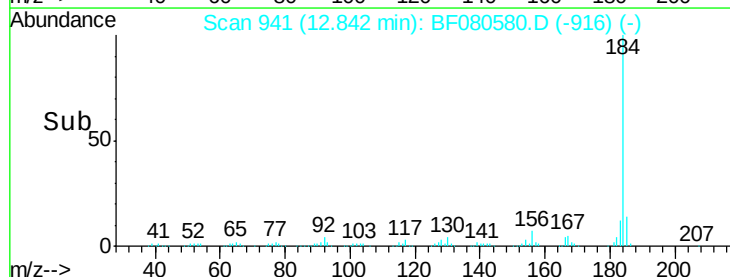
183 11.6 9.6 14.4

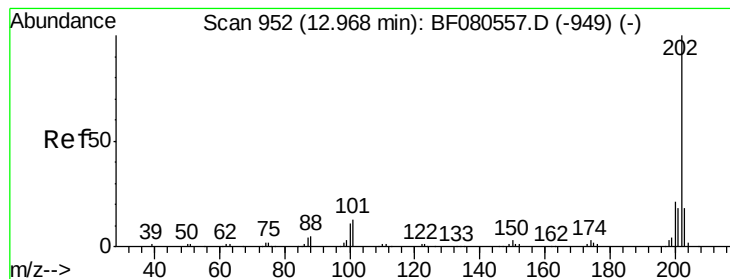


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.50 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

Instrument :

BNA_F

ClientSampleId :

PB84616BS

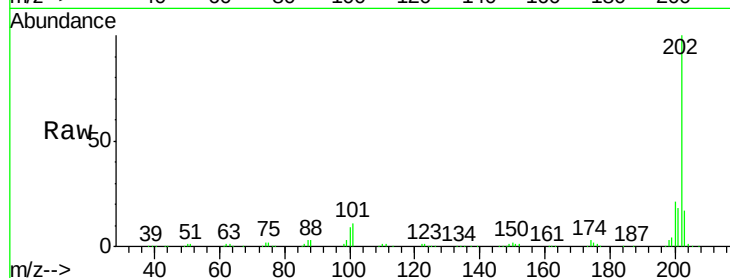
Tgt Ion: 202 Resp: 257723

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

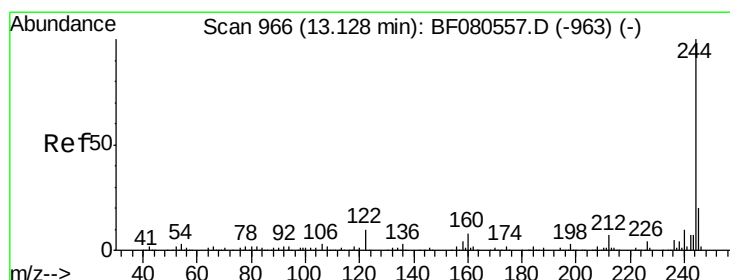
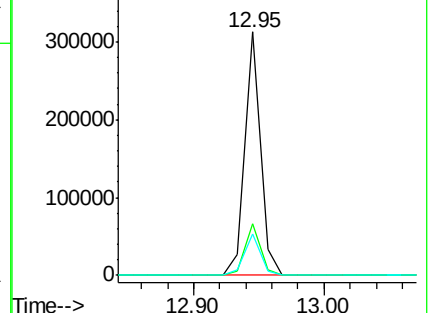
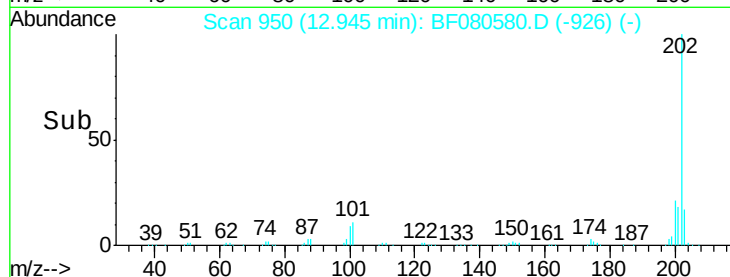
203 16.8 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.58 ng

RT: 13.09 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF080580.D

Acq: 23 Jul 2015 4:00

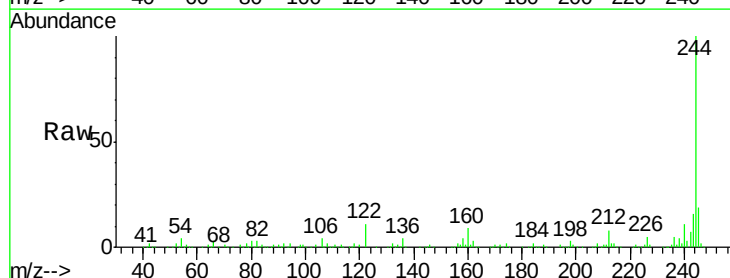
Tgt Ion: 244 Resp: 350338

Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

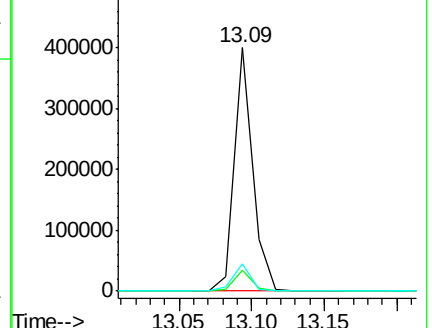
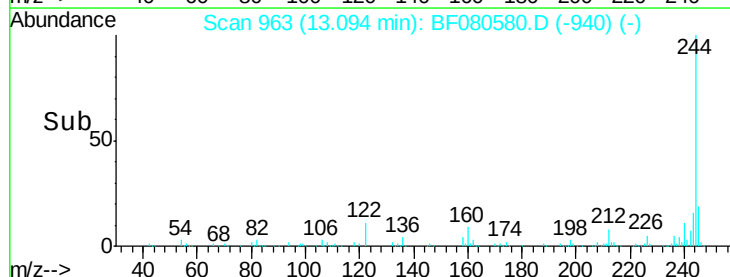
122 11.0 8.2 12.2

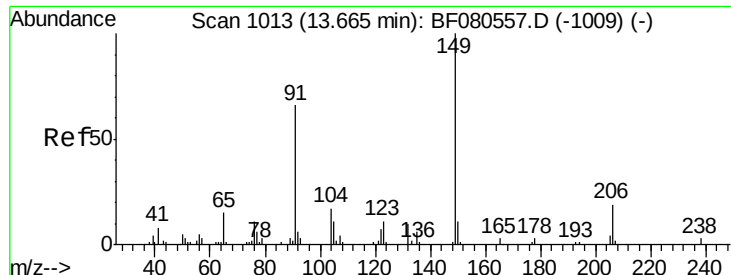


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

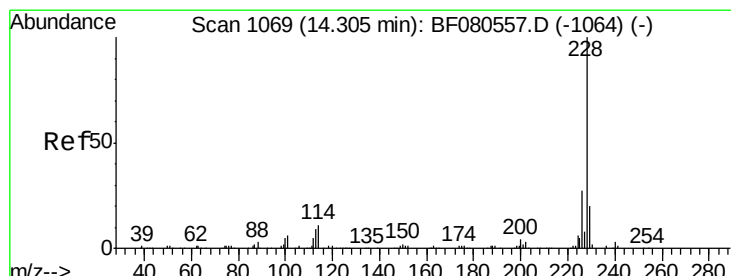
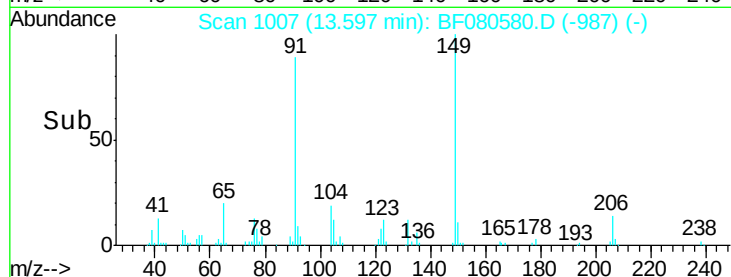
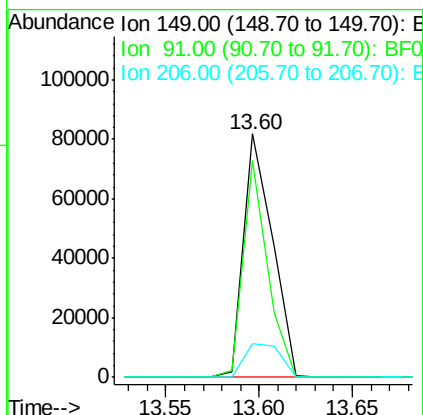
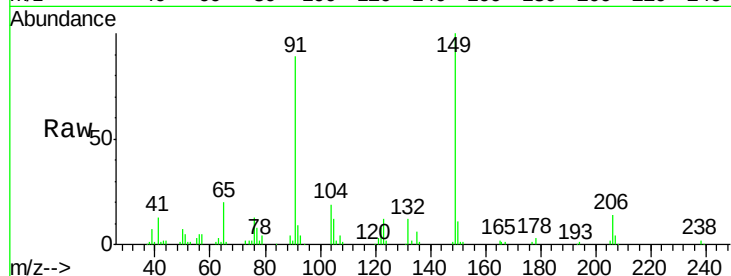




#79
Butylbenzylphthalate
Concen: 37.80 ng
RT: 13.60 min Scan# 1007
Delta R.T. -0.07 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

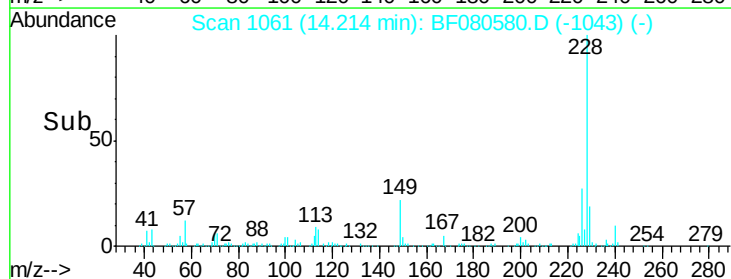
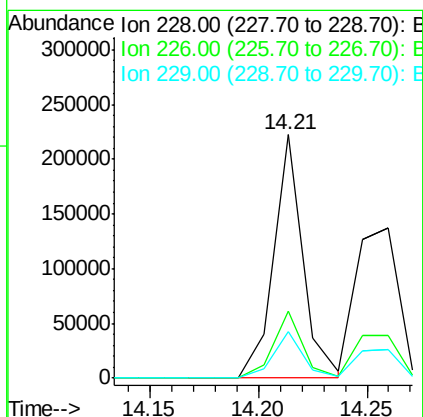
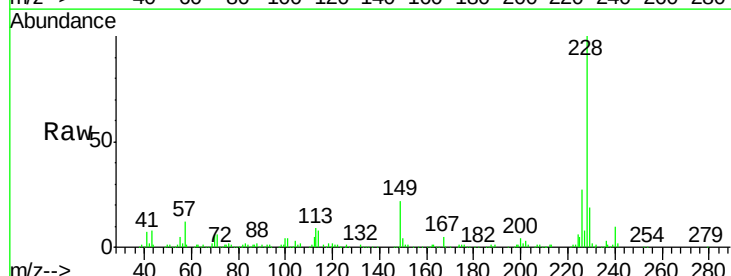
Instrument :
BNA_F
ClientSampled :
PB84616BS

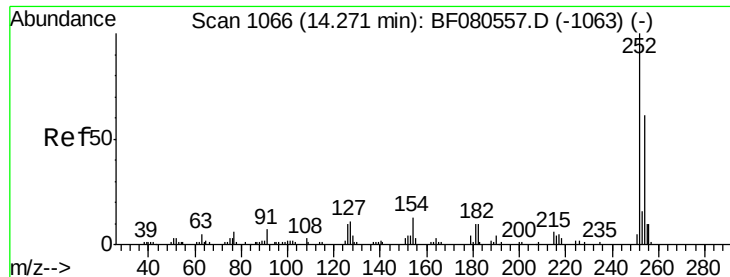
Tgt Ion:149 Resp: 87863
Ion Ratio Lower Upper
149 100
91 88.8 53.0 79.6#
206 13.7 15.0 22.6#



#80
Benzo(a)anthracene
Concen: 32.70 ng
RT: 14.21 min Scan# 1061
Delta R.T. -0.09 min
Lab File: BF080580.D
Acq: 23 Jul 2015 4:00

Tgt Ion:228 Resp: 210001
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 19.3 15.7 23.5

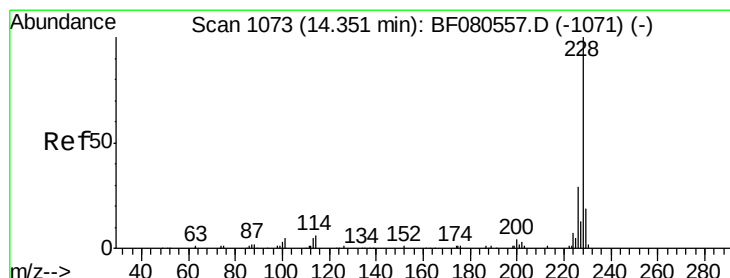
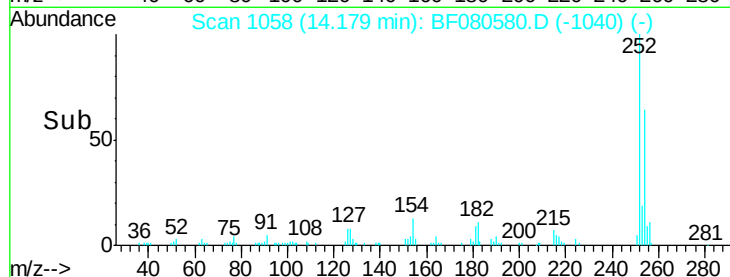
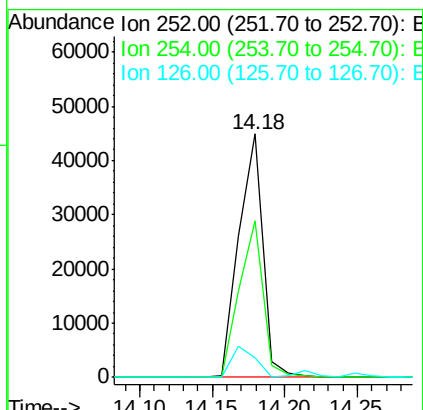
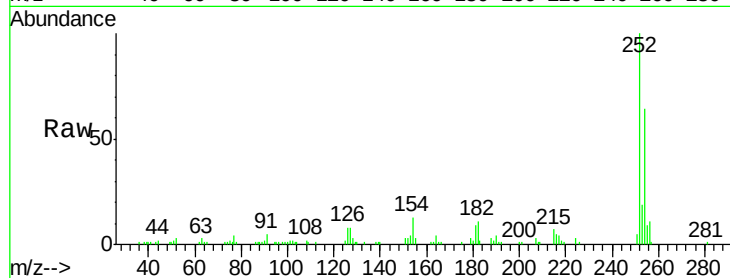




#81
 3,3'-Dichlorobenzidine
 Concen: 27.37 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.09 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:252 Resp: 51861
 Ion Ratio Lower Upper
 252 100
 254 64.5 49.2 73.8
 126 7.8 8.1 12.1#



#82
 Chrysene
 Concen: 29.62 ng
 RT: 14.26 min Scan# 1065
 Delta R.T. -0.09 min
 Lab File: BF080580.D
 Acq: 23 Jul 2015 4:00

Tgt Ion:228 Resp: 190069
 Ion Ratio Lower Upper
 228 100
 226 28.6 23.0 34.6
 229 18.7 15.0 22.4

