

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079857.D
 Acq On : 10 Jun 2015 11:27
 Operator : TP/IZ
 Sample : PB83906BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83906BS

Quant Time: Jun 11 01:22:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	46678	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	179666	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	88324	20.00	ng	-0.01
63) Phenanthrene-d10	12.01	188	181928	20.00	ng	0.01
75) Chrysene-d12	15.14	240	188197	20.00	ng	0.07
86) Perylene-d12	17.15	264	172038	20.00	ng	0.13

System Monitoring Compounds

5) 2-Fluorophenol	6.03	112	331782	117.14	ng	0.00
7) Phenol-d6	7.02	99	446721	121.90	ng	0.00
23) Nitrobenzene-d5	7.98	82	226854	72.94	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	101089	132.25	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	525007	83.60	ng	0.00
78) Terphenyl-d14	13.78	244	659526	79.00	ng	0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	39323	30.38	ng	88
3) Pyridine	4.18	79	121810	35.04	ng	95
4) n-Nitrosodimethylamine	4.09	42	61916	35.56	ng	81
6) Aniline	7.07	93	132566	25.11	ng	98
8) 2-Chlorophenol	7.20	128	121251	37.97	ng	90
9) Benzaldehyde	6.96	77	82386	38.32	ng	81
10) Phenol	7.03	94	163696	41.93	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	117816	38.64	ng	97
12) 1,3-Dichlorobenzene	7.36	146	137791	37.66	ng	95
13) 1,4-Dichlorobenzene	7.44	146	141995	34.25	ng	98
14) 1,2-Dichlorobenzene	7.60	146	127910	35.52	ng	98
15) Benzyl Alcohol	7.54	79	110551	37.40	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.68	45	176237	37.30	ng	97
17) 2-Methylphenol	7.64	107	104954	38.20	ng	97
18) Hexachloroethane	7.94	117	45438	35.28	ng	97
19) n-Nitroso-di-n-propylamine	7.80	70	92194	36.10	ng	99
20) 3+4-Methylphenols	7.79	107	135672	38.22	ng	99
22) Acetophenone	7.82	105	181657	40.75	ng	# 97
24) Nitrobenzene	7.99	77	113828	36.43	ng	96
25) Isophorone	8.23	82	252332	38.92	ng	97
26) 2-Nitrophenol	8.32	139	37855	30.33	ng	92
27) 2,4-Dimethylphenol	8.33	122	117134	40.02	ng	97
28) bis(2-Chloroethoxy)methane	8.43	93	145828	37.14	ng	99
29) 2,4-Dichlorophenol	8.55	162	97688	39.16	ng	# 82
30) 1,2,4-Trichlorobenzene	8.65	180	114445	35.69	ng	97
31) Naphthalene	8.73	128	372728	38.96	ng	100
32) Benzoic acid	8.39	122	24671	28.81	ng	96
33) 4-Chloroaniline	8.76	127	144670	37.44	ng	97
34) Hexachlorobutadiene	8.84	225	62644	35.49	ng	96
35) Caprolactam	9.10	113	27719	37.97	ng	# 43
36) 4-Chloro-3-methylphenol	9.23	107	114797	42.40	ng	99
37) 2-Methylnaphthalene	9.43	142	267555	39.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	119966	38.86	ng	99
40) Hexachlorocyclopentadiene	9.59	237	113274	76.79	ng	100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079857.D
 Acq On : 10 Jun 2015 11:27
 Operator : TP/IZ
 Sample : PB83906BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83906BS

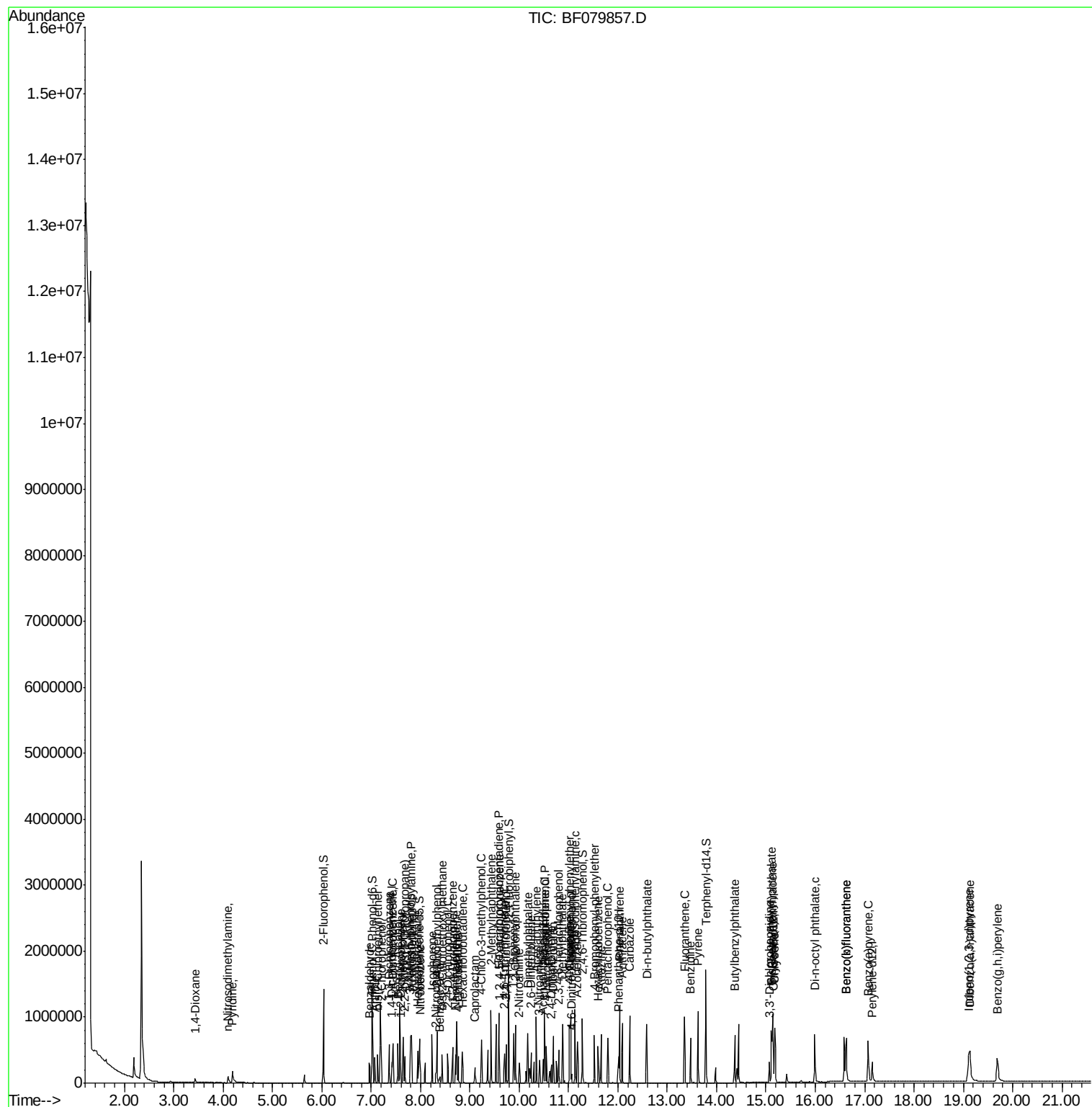
Quant Time: Jun 11 01:22:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

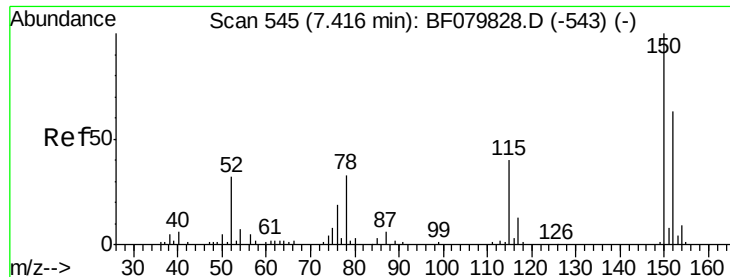
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.70	196	71291	38.23	ng	98
43) 2,4,5-Trichlorophenol	9.74	196	81140	42.16	ng	97
45) 1,1'-Biphenyl	9.88	154	295035	40.29	ng	94
46) 2-Chloronaphthalene	9.92	162	234908	39.29	ng	97
47) 2-Nitroaniline	10.00	65	48671	37.15	ng	97
48) Acenaphthylene	10.34	152	394092	38.76	ng	99
49) Dimethylphthalate	10.17	163	276297	40.13	ng	99
50) 2,6-Dinitrotoluene	10.24	165	49285	41.26	ng	93
51) Acenaphthene	10.51	154	224289	37.71	ng	97
52) 3-Nitroaniline	10.41	138	44790	30.49	ng	90
53) 2,4-Dinitrophenol	10.51	184	18420	59.75	ng	# 24
54) Dibenzofuran	10.69	168	336270	40.37	ng	96
55) 4-Nitrophenol	10.55	139	80115	75.03	ng	88
56) 2,4-Dinitrotoluene	10.65	165	58503	36.42	ng	99
57) Fluorene	11.04	166	285859	38.75	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.80	232	60801	42.73	ng	96
59) Diethylphthalate	10.88	149	291235	43.20	ng	99
60) 4-Chlorophenyl-phenylether	11.02	204	131295	41.14	ng	94
61) 4-Nitroaniline	11.03	138	57944	40.20	ng	97
62) Azobenzene	11.18	77	261093	39.33	ng	98
64) 4,6-Dinitro-2-methylphenol	11.06	198	15055	29.38	ng	97
65) n-Nitrosodiphenylamine	11.13	169	244037	40.43	ng	98
66) 4-Bromophenyl-phenylether	11.52	248	84215	40.04	ng	# 88
67) Hexachlorobenzene	11.60	284	86015	38.97	ng	# 76
68) Atrazine	11.66	200	79836	46.58	ng	96
69) Pentachlorophenol	11.79	266	70794	73.47	ng	96
70) Phenanthrene	12.03	178	435882	40.11	ng	99
71) Anthracene	12.09	178	430909	40.50	ng	100
72) Carbazole	12.24	167	389278	39.52	ng	97
73) Di-n-butylphthalate	12.58	149	442853	43.33	ng	99
74) Fluoranthene	13.35	202	445802	39.11	ng	95
76) Benzidine	13.47	184	255546	45.55	ng	98
77) Pyrene	13.62	202	476889	40.68	ng	100
79) Butylbenzylphthalate	14.37	149	165940	42.24	ng	94
80) Benzo(a)anthracene	15.13	228	447003	39.95	ng	99
81) 3,3'-Dichlorobenzidine	15.07	252	92415	26.46	ng	# 99
82) Chrysene	15.18	228	418076	39.83	ng	99
83) Bis(2-ethylhexyl)phthalate	15.11	149	254647	41.95	ng	98
84) Di-n-octyl phthalate	15.99	149	405745	43.03	ng	# 95
85) Indeno(1,2,3-cd)pyrene	19.11	276	427462	38.55	ng	99
87) Benzo(b)fluoranthene	16.63	252	424606	41.47	ng	98
88) Benzo(k)fluoranthene	16.63	252	430553	40.22	ng	99
89) Benzo(a)pyrene	17.07	252	411105	42.48	ng	97
90) Dibenzo(a,h)anthracene	19.13	278	362914	40.48	ng	96
91) Benzo(g,h,i)perylene	19.69	276	371321	39.24	ng	95

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

Instrument :
BNA_F
ClientSampleId :
PB83906BS

Quant Time: Jun 11 01:22:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 00:53:15 2015
Response via : Initial Calibration

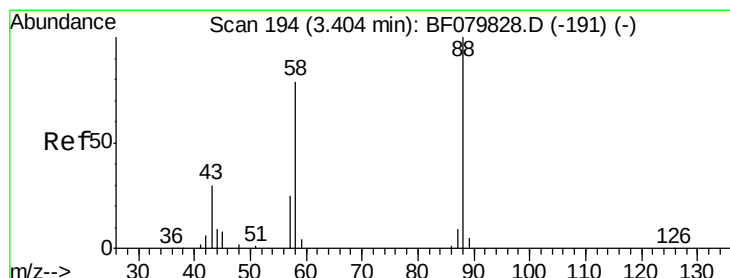
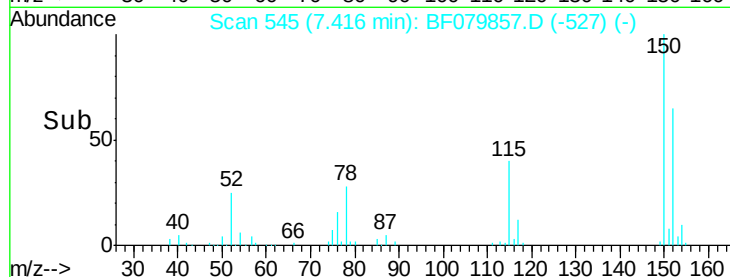
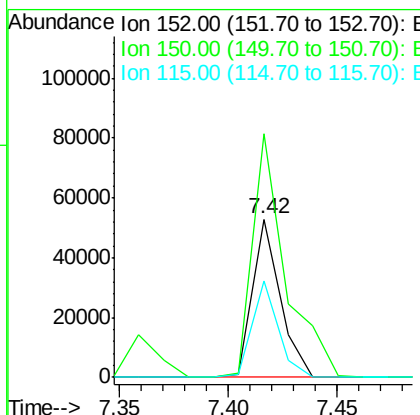
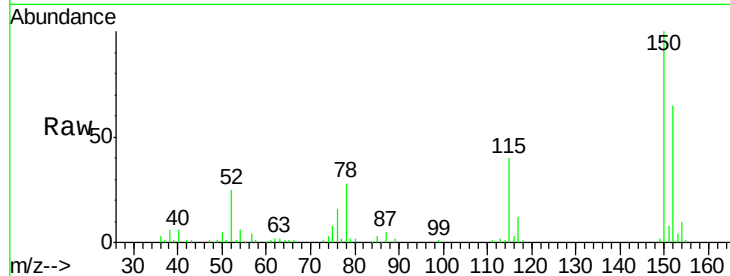




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.42 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF079857.D
 Acq: 10 Jun 2015 11:27

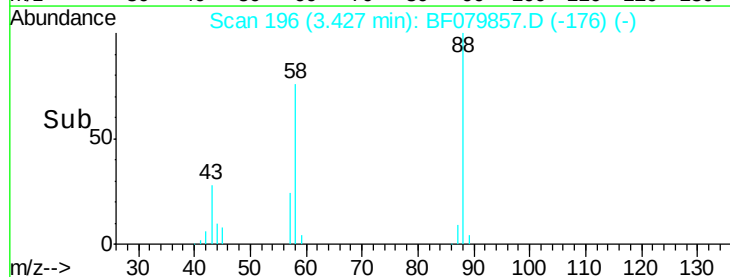
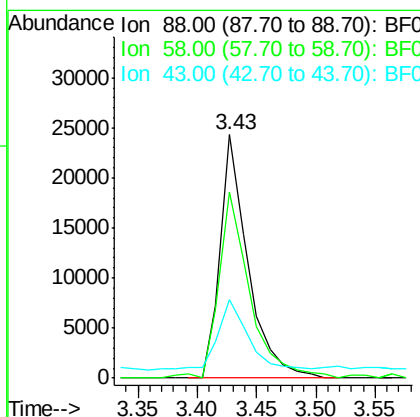
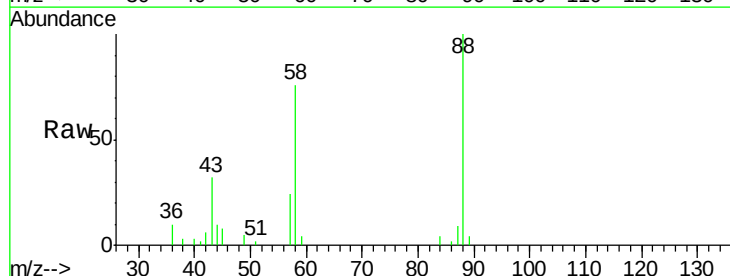
Instrument :
 BNA_F
 ClientSampleId :
 PB83906BS

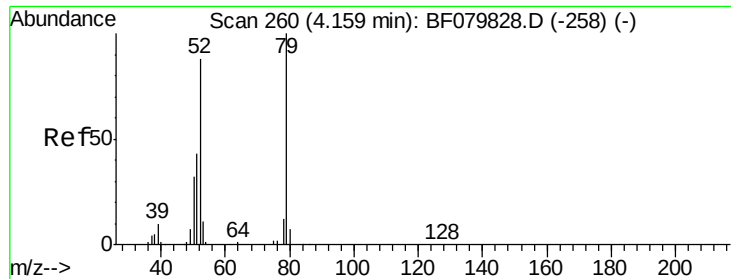
Tgt Ion:152 Resp: 46678
 Ion Ratio Lower Upper
 152 100
 150 154.0 131.4 197.2
 115 61.0 56.5 84.7



#2
 1,4-Dioxane
 Concen: 30.38 ng
 RT: 3.43 min Scan# 196
 Delta R.T. 0.02 min
 Lab File: BF079857.D
 Acq: 10 Jun 2015 11:27

Tgt Ion: 88 Resp: 39323
 Ion Ratio Lower Upper
 88 100
 58 85.0 58.1 87.1
 43 31.0 22.2 33.2





#3

Pyridine

Concen: 35.04 ng

RT: 4.18 min Scan# 262

Delta R.T. 0.02 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

Instrument :

BNA_F

ClientSampleId :

PB83906BS

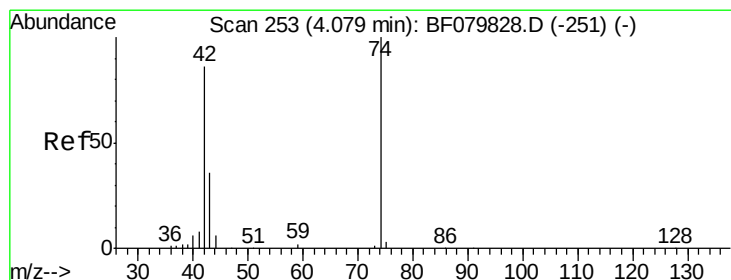
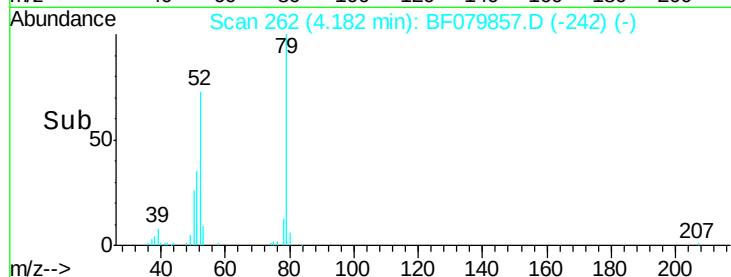
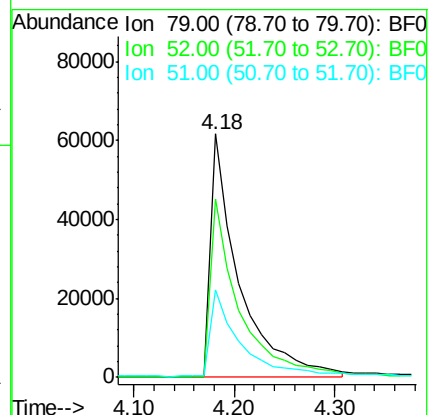
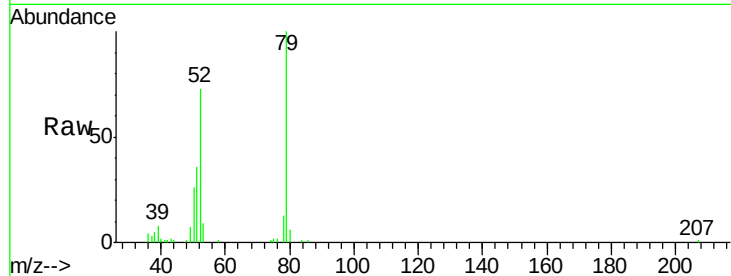
Tgt Ion: 79 Resp: 121810

Ion Ratio Lower Upper

79 100

52 73.2 62.3 93.5

51 35.7 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 35.56 ng

RT: 4.09 min Scan# 254

Delta R.T. 0.01 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

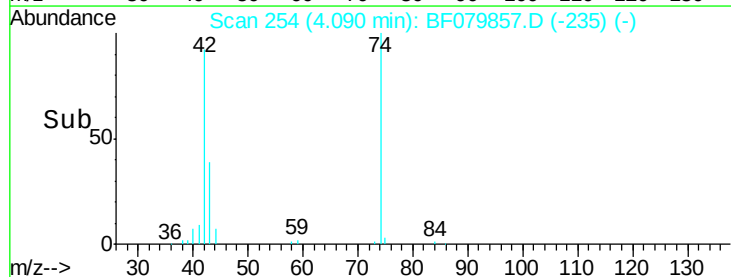
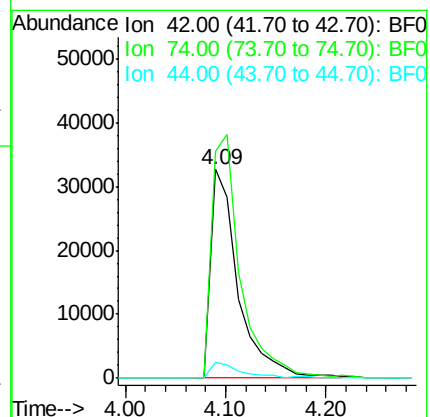
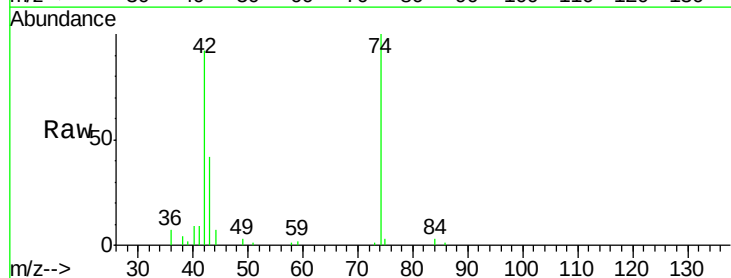
Tgt Ion: 42 Resp: 61916

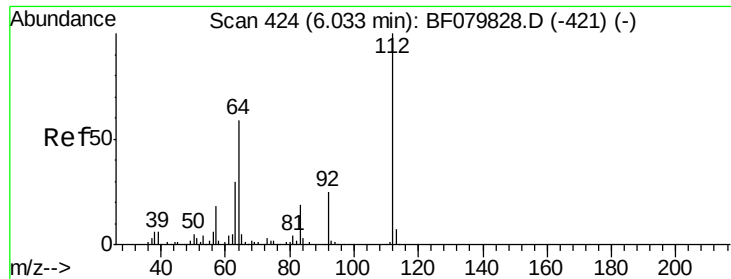
Ion Ratio Lower Upper

42 100

74 108.6 105.8 158.6

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 117.14 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

Instrument :

BNA_F

ClientSampleId :

PB83906BS

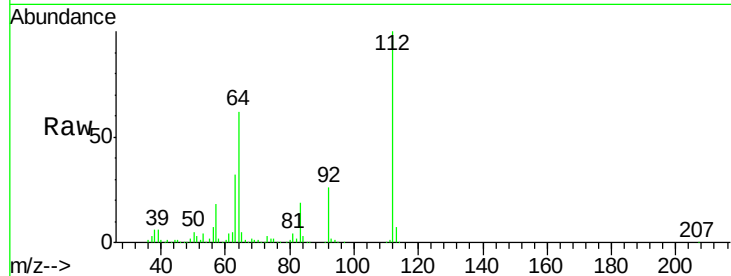
Tgt Ion: 112 Resp: 331782

Ion Ratio Lower Upper

112 100

64 61.7 44.2 66.4

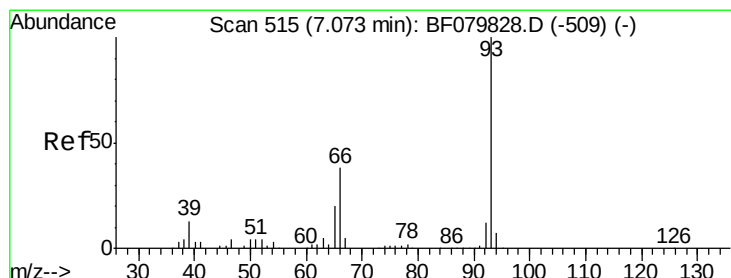
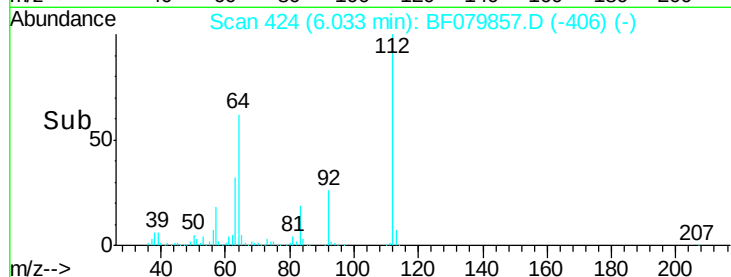
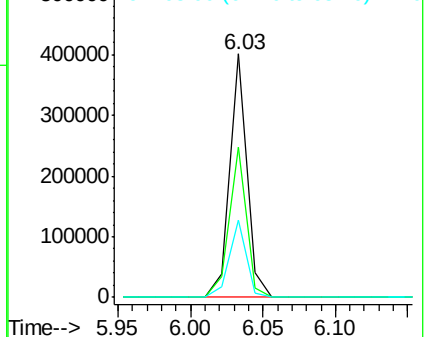
63 31.6 22.8 34.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.11 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

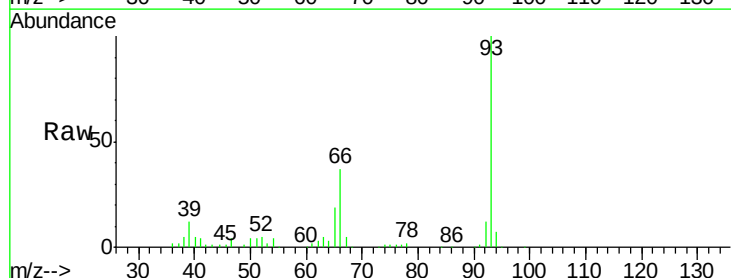
Tgt Ion: 93 Resp: 132566

Ion Ratio Lower Upper

93 100

66 37.1 30.6 46.0

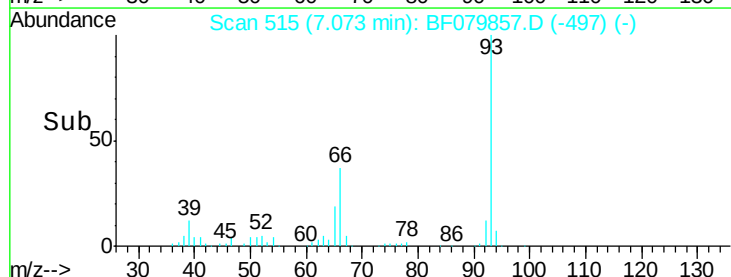
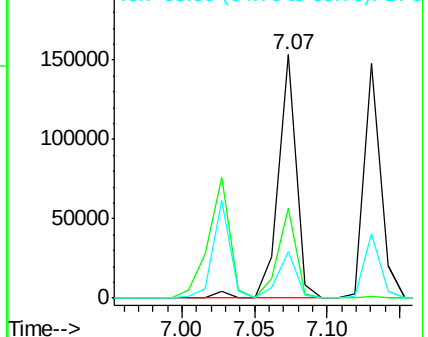
65 19.1 15.9 23.9

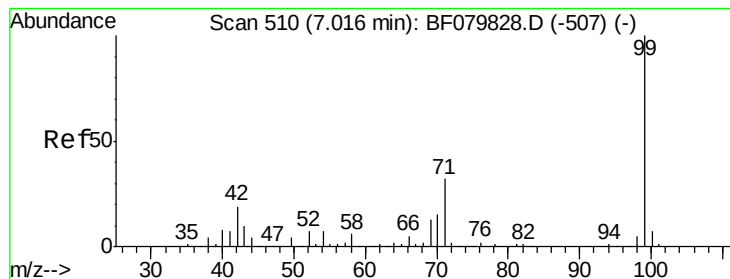


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.90 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

Instrument :

BNA_F

ClientSampleId :

PB83906BS

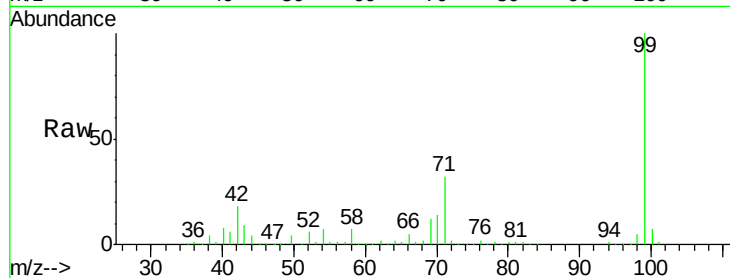
Tgt Ion: 99 Resp: 446721

Ion Ratio Lower Upper

99 100

42 18.0 13.7 20.5

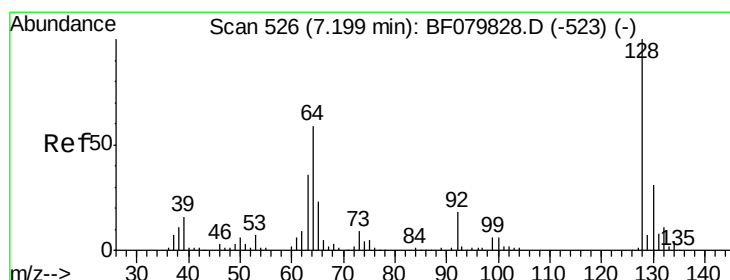
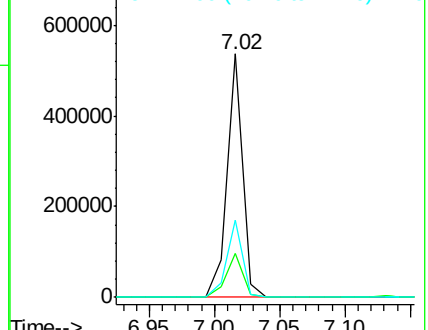
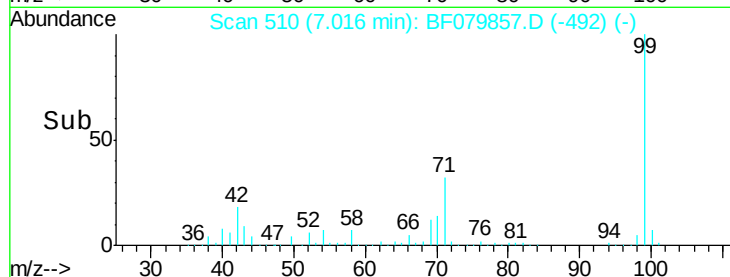
71 31.7 25.1 37.7



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: 37.97 ng

RT: 7.20 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

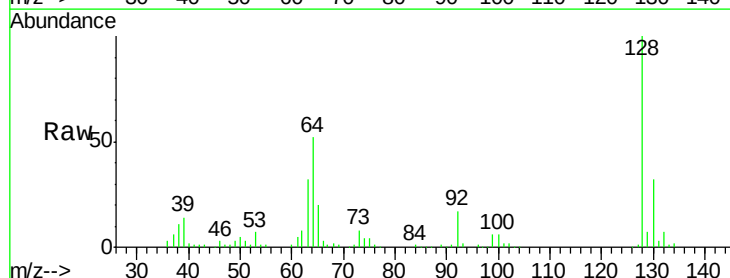
Tgt Ion: 128 Resp: 121251

Ion Ratio Lower Upper

128 100

130 32.0 11.4 51.4

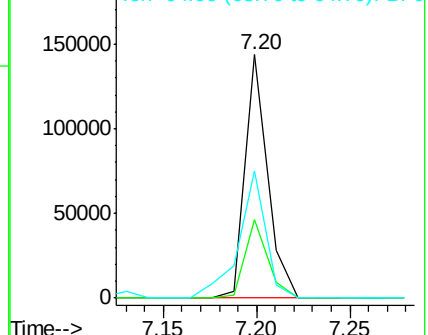
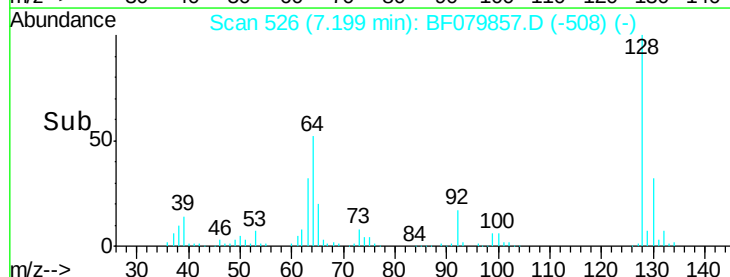
64 52.3 43.6 83.6

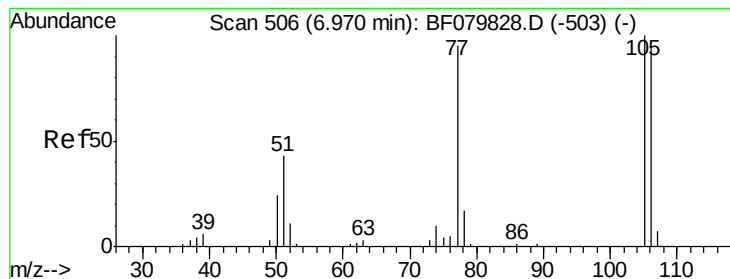


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.32 ng

RT: 6.96 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

Instrument :

BNA_F

ClientSampleId :

PB83906BS

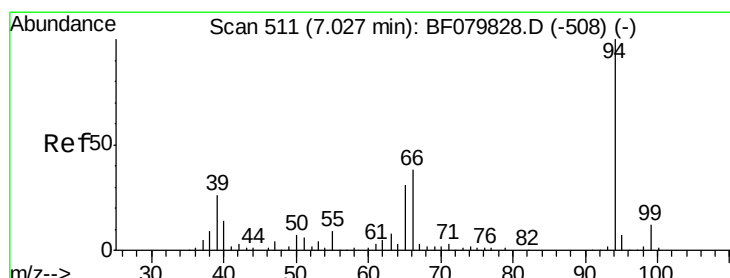
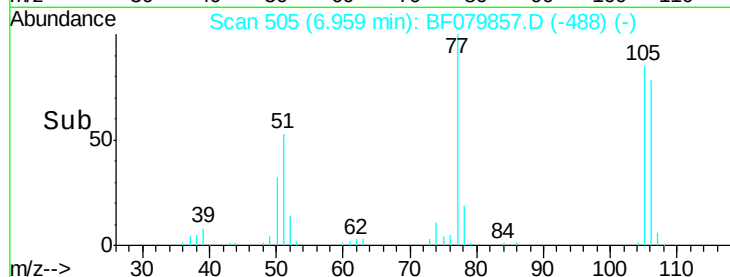
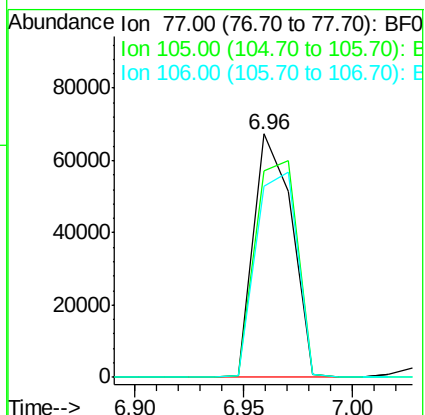
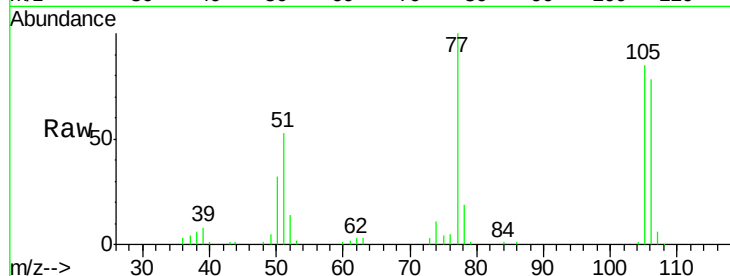
Tgt Ion: 77 Resp: 82386

Ion Ratio Lower Upper

77 100

105 85.0 83.9 123.9

106 78.5 77.1 117.1



#10

Phenol

Concen: 41.93 ng

RT: 7.03 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

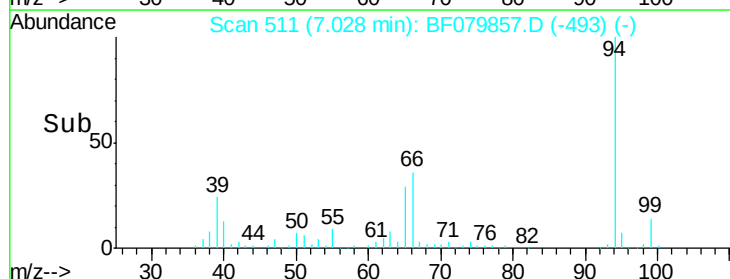
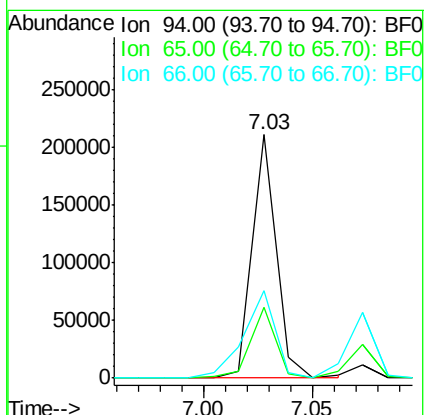
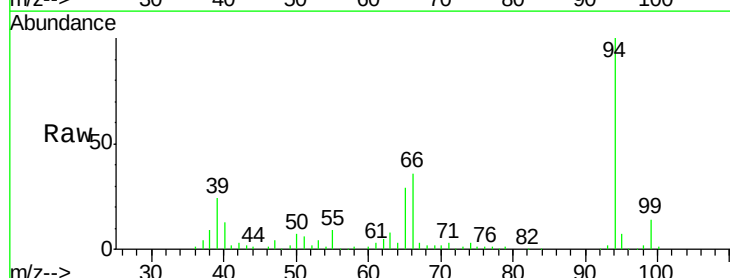
Tgt Ion: 94 Resp: 163696

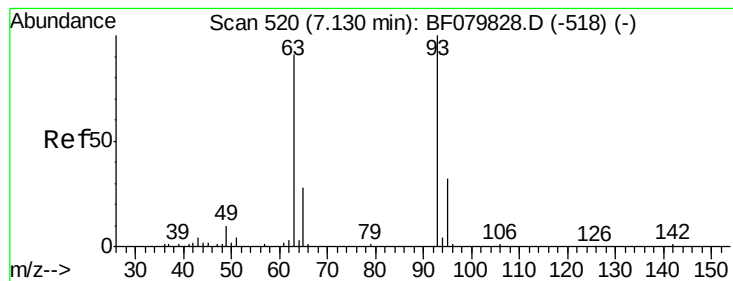
Ion Ratio Lower Upper

94 100

65 29.0 8.8 48.8

66 36.1 16.7 56.7





#11

bis(2-Chloroethyl)ether

Concen: 38.64 ng

RT: 7.13 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

Instrument :

BNA_F

ClientSampleId :

PB83906BS

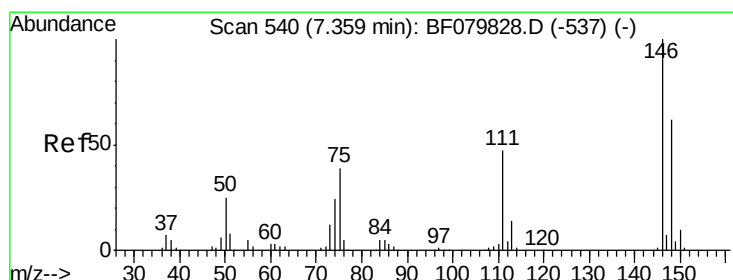
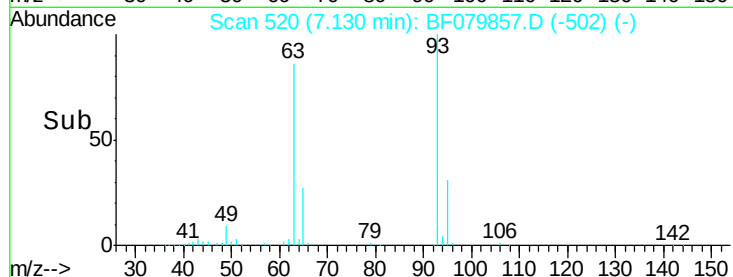
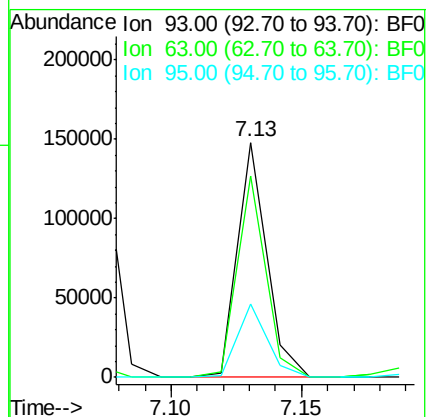
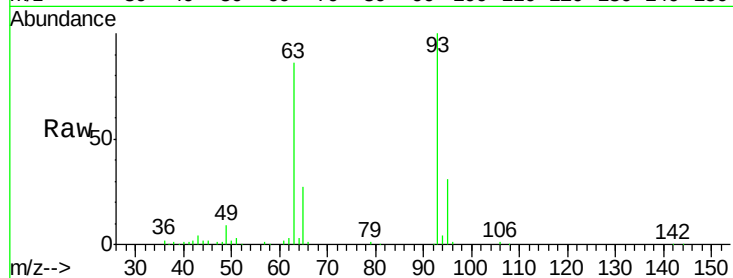
Tgt Ion: 93 Resp: 117816

Ion Ratio Lower Upper

93 100

63 85.7 68.6 108.6

95 31.4 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 37.66 ng

RT: 7.36 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

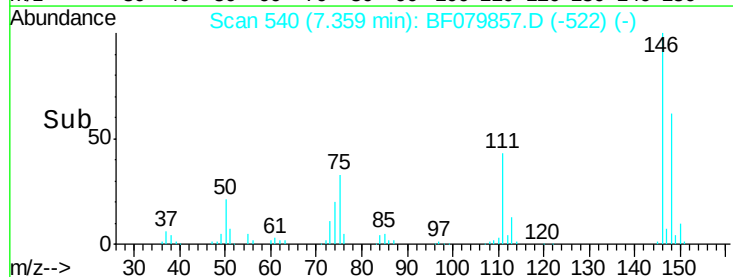
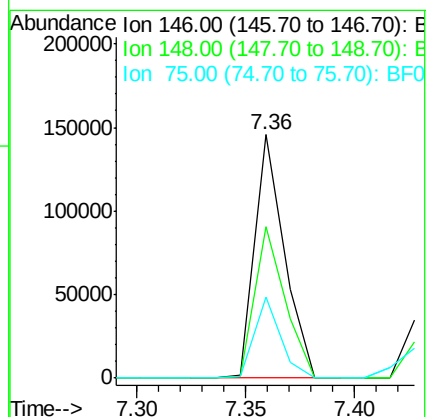
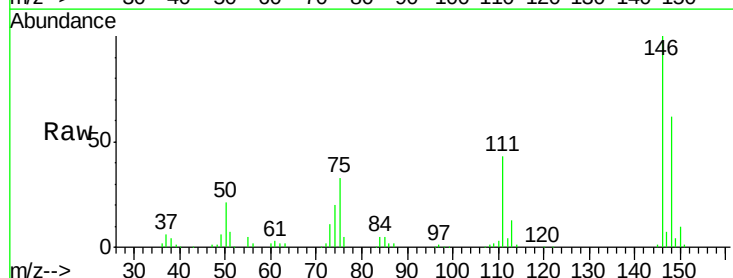
Tgt Ion: 146 Resp: 137791

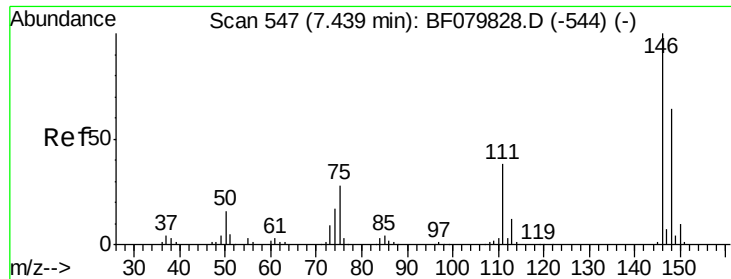
Ion Ratio Lower Upper

146 100

148 62.1 48.9 73.3

75 33.2 31.3 46.9

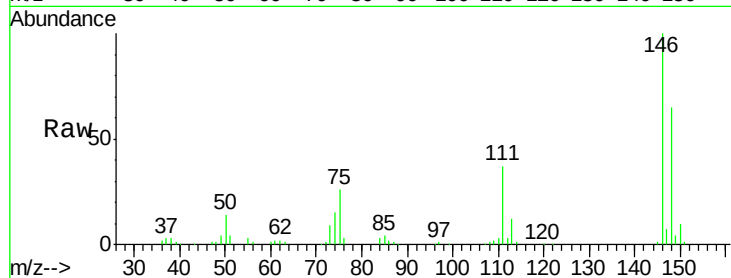




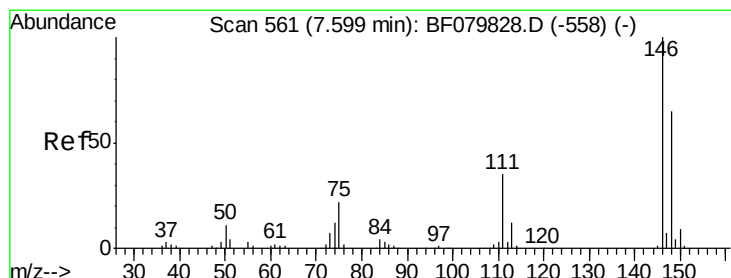
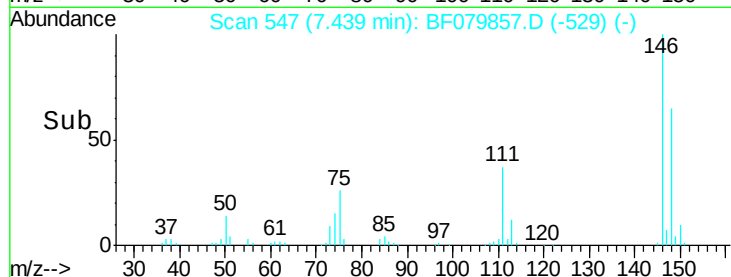
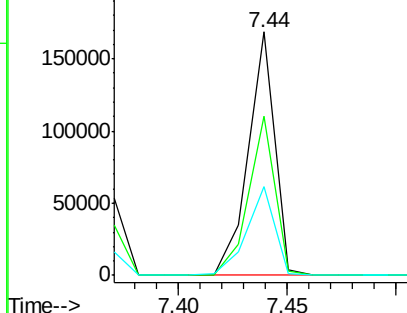
#13
 1,4-Dichlorobenzene
 Concen: 34.25 ng
 RT: 7.44 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF079857.D
 Acq: 10 Jun 2015 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83906BS

Tgt Ion:146 Resp: 141995
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.4 77.0
 111 36.6 30.8 46.2

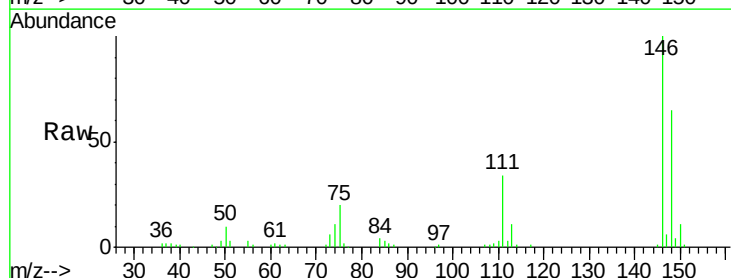


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

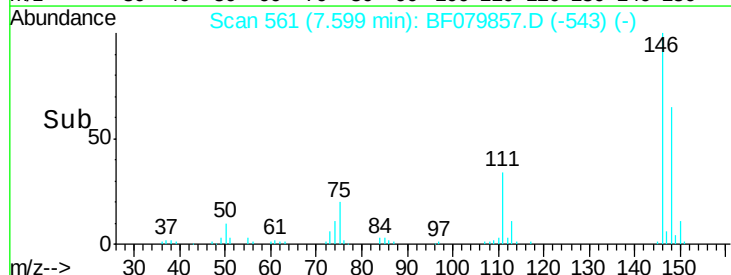
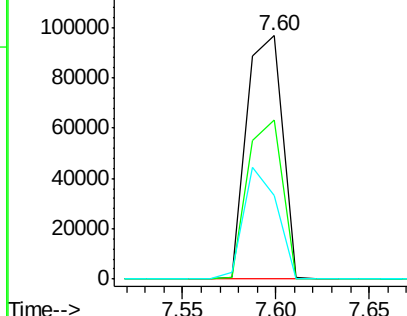


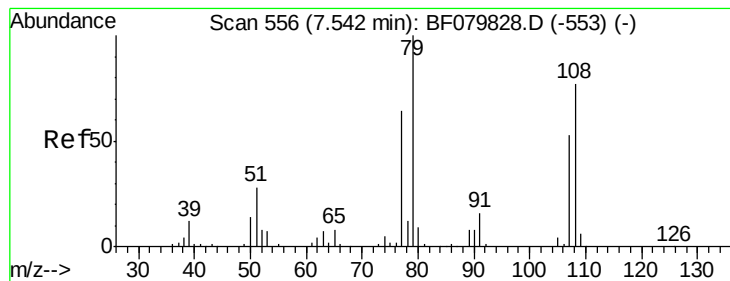
#14
 1,2-Dichlorobenzene
 Concen: 35.52 ng
 RT: 7.60 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF079857.D
 Acq: 10 Jun 2015 11:27

Tgt Ion:146 Resp: 127910
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.6 77.4
 111 34.5 29.3 43.9



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: 37.40 ng

RT: 7.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

Instrument :

BNA_F

ClientSampleId :

PB83906BS

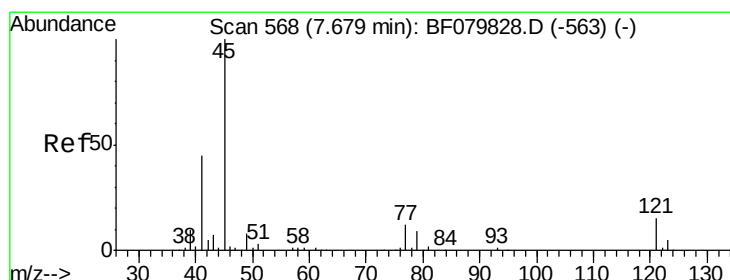
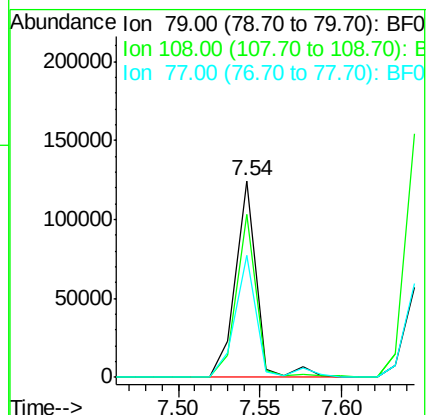
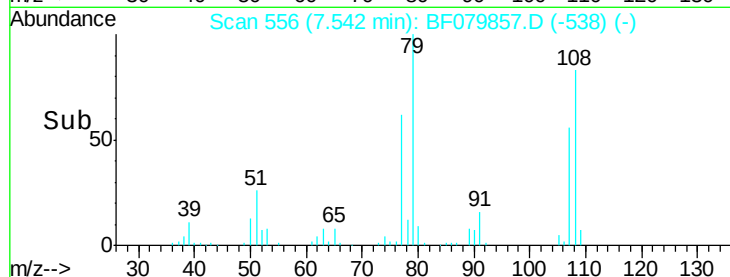
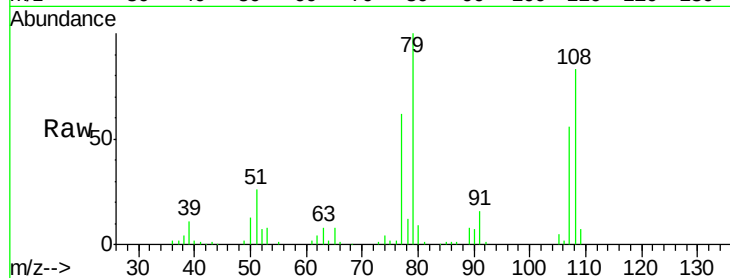
Tgt Ion: 79 Resp: 110551

Ion Ratio Lower Upper

79 100

108 82.6 60.6 91.0

77 62.2 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.30 ng

RT: 7.68 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

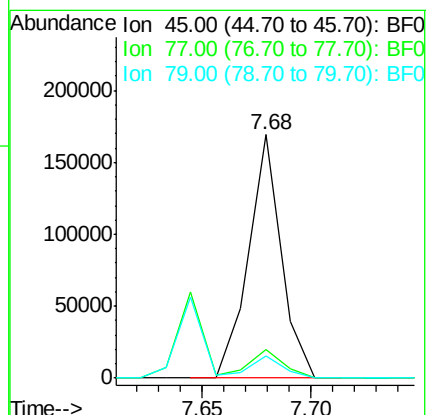
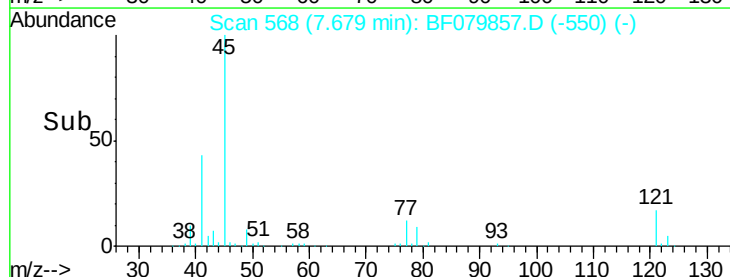
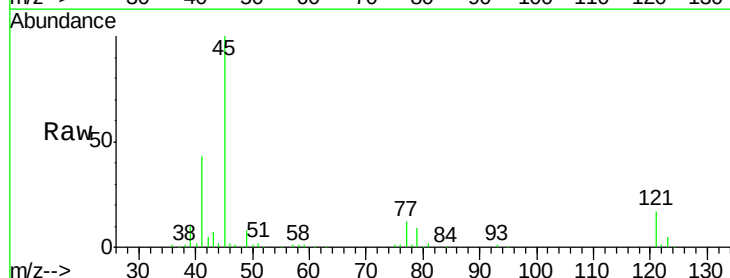
Tgt Ion: 45 Resp: 176237

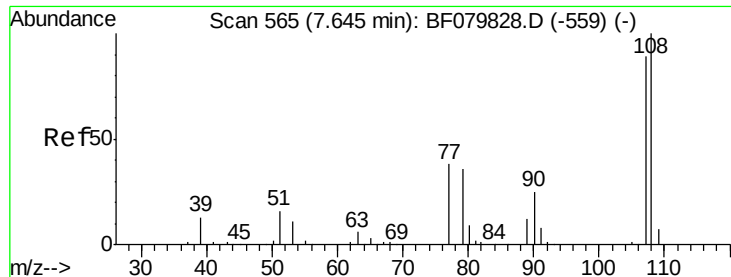
Ion Ratio Lower Upper

45 100

77 11.9 0.0 33.6

79 9.3 0.0 30.2

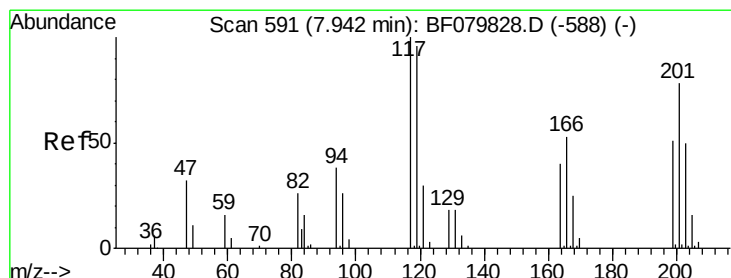
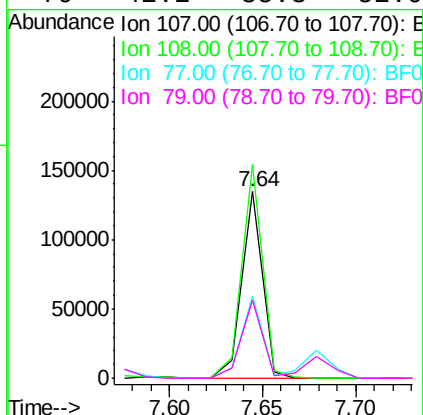
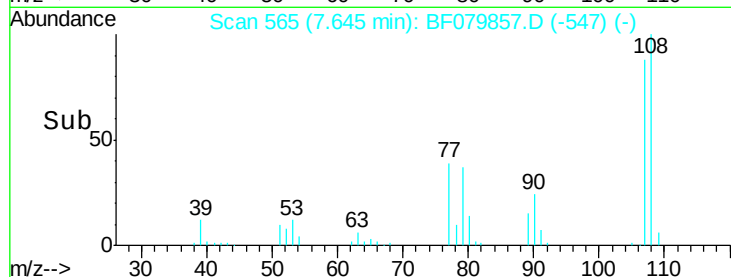
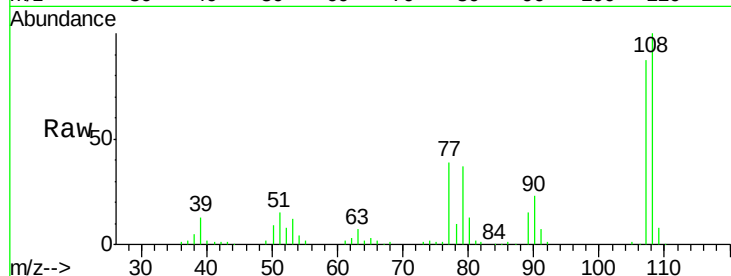




#17
2-Methylphenol
Concen: 38.20 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF079857.D
Acq: 10 Jun 2015 11:27

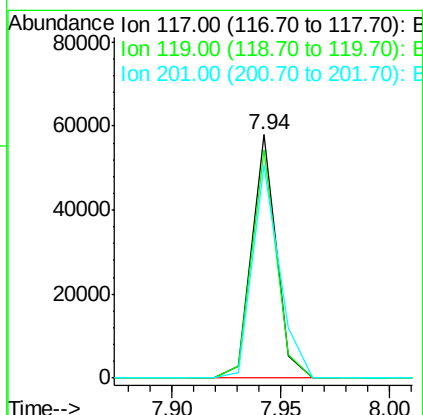
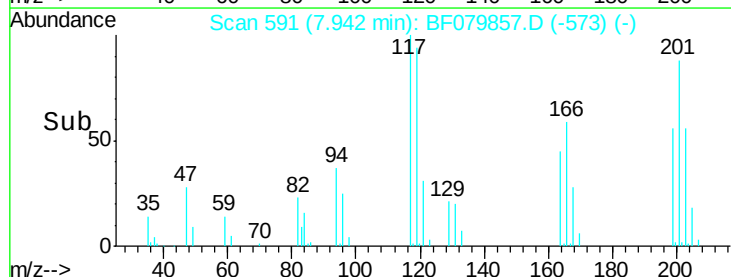
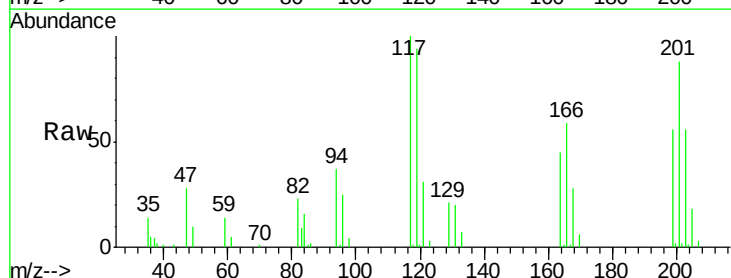
Instrument :
BNA_F
ClientSampleId :
PB83906BS

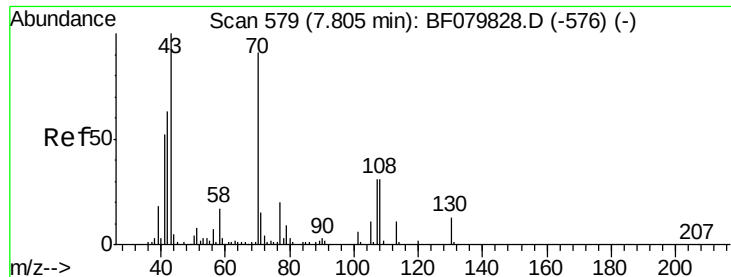
Tgt Ion:107 Resp: 104954
Ion Ratio Lower Upper
107 100
108 114.4 89.3 133.9
77 44.2 38.1 57.1
79 42.2 35.3 52.9



#18
Hexachloroethane
Concen: 35.28 ng
RT: 7.94 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF079857.D
Acq: 10 Jun 2015 11:27

Tgt Ion:117 Resp: 45438
Ion Ratio Lower Upper
117 100
119 93.9 76.6 114.8
201 87.6 66.3 99.5

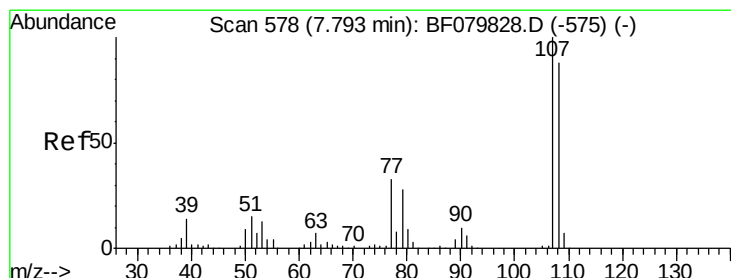
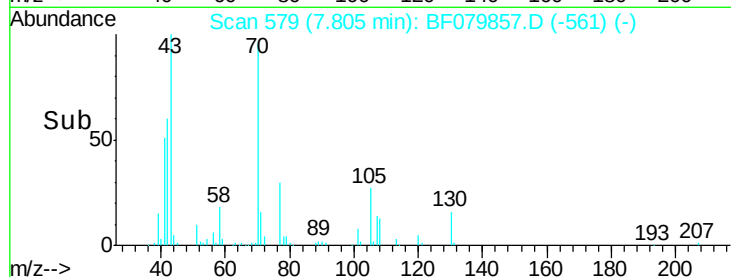
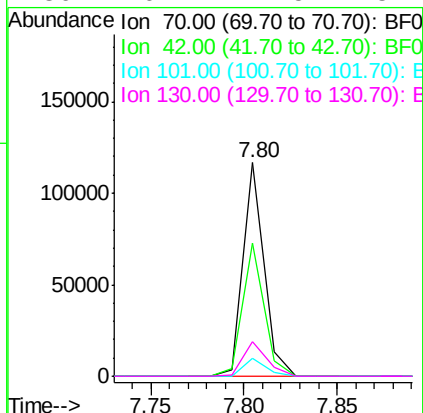
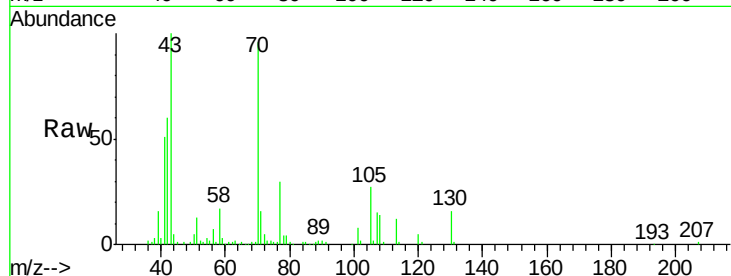




#19
n-Nitroso-di-n-propylamine
Concen: 36.10 ng
RT: 7.80 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF079857.D
Acq: 10 Jun 2015 11:27

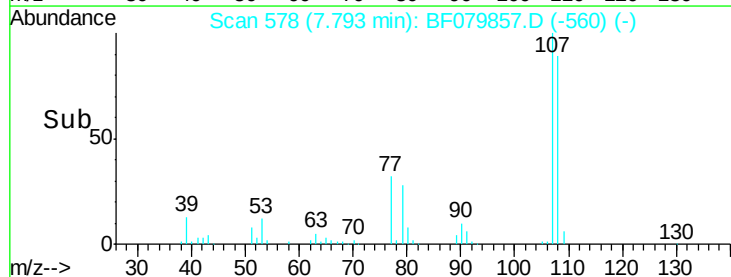
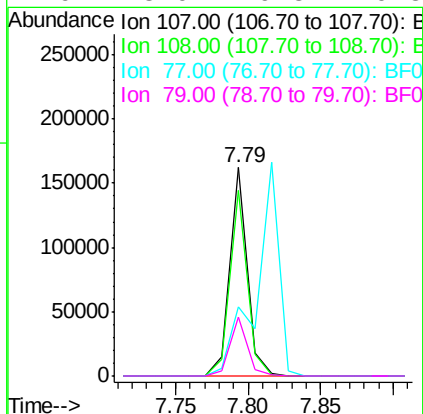
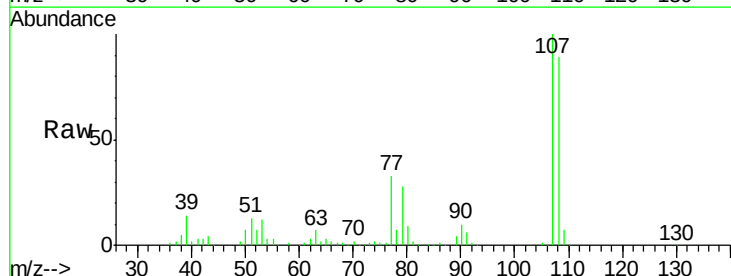
Instrument :
BNA_F
ClientSampleId :
PB83906BS

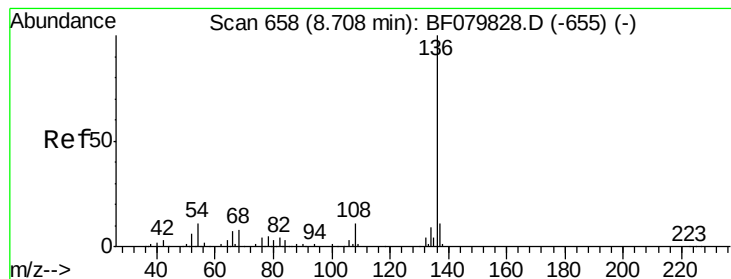
Tgt Ion:	70	Resp:	92194
Ion	Ratio	Lower	Upper
70	100		
42	62.2	49.3	73.9
101	8.6	6.6	9.8
130	16.2	12.5	18.7



#20
3+4-Methylphenols
Concen: 38.22 ng
RT: 7.79 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF079857.D
Acq: 10 Jun 2015 11:27

Tgt Ion:	107	Resp:	135672
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.4	108.4
77	33.1	13.6	53.6
79	28.0	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

Instrument :

BNA_F

ClientSampleId :

PB83906BS

Tgt Ion:136 Resp: 179666

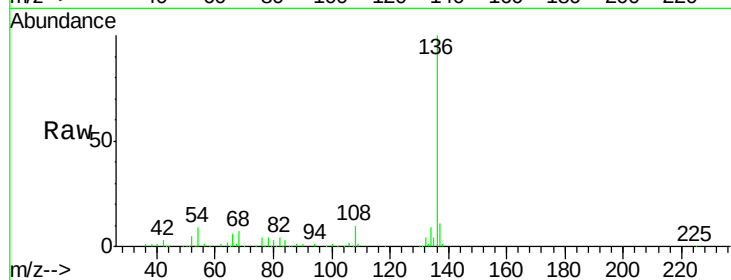
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 9.4 8.1 12.1

68 7.1 4.8 7.2

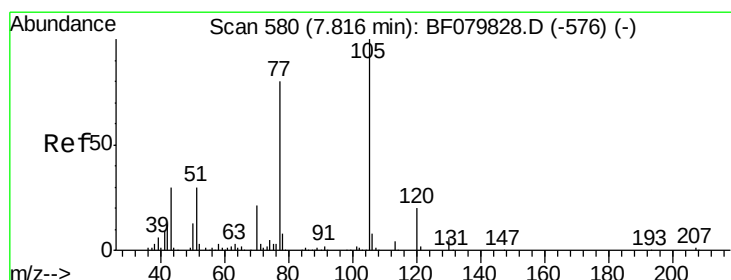
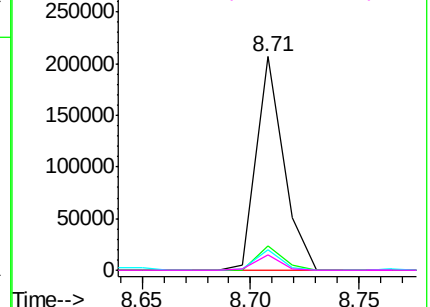
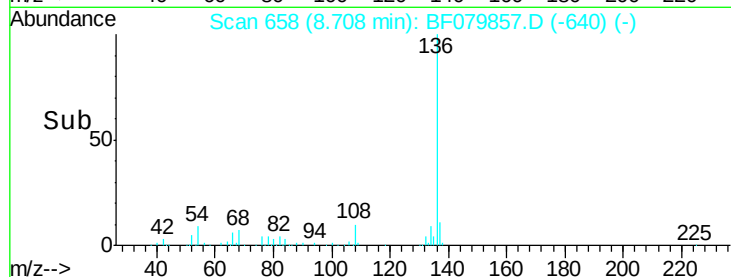


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.75 ng

RT: 7.82 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

Tgt Ion:105 Resp: 181657

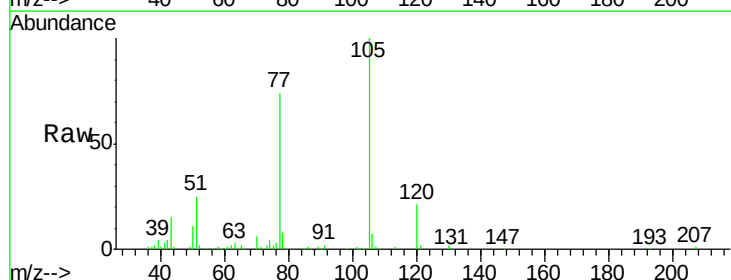
Ion Ratio Lower Upper

105 100

71 1.1 1.5 2.3#

51 25.4 22.3 33.5

120 21.2 16.8 25.2

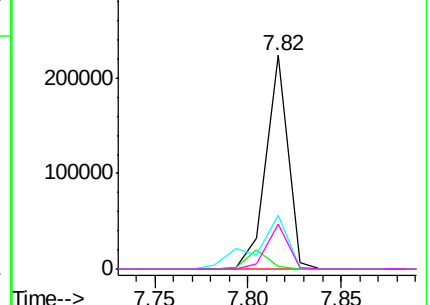
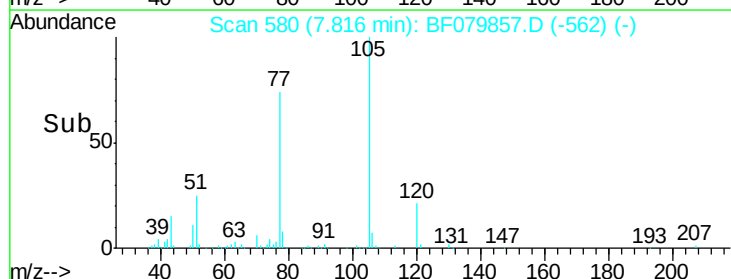


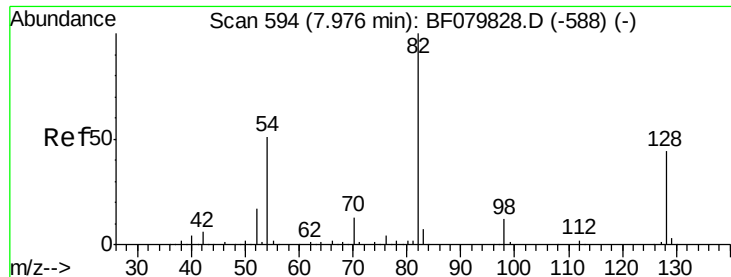
Abundance Ion 105.00 (104.70 to 105.70): E

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

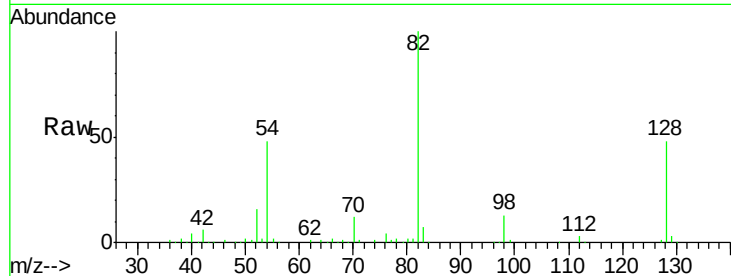




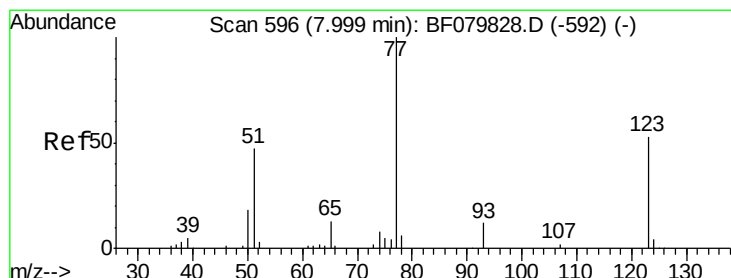
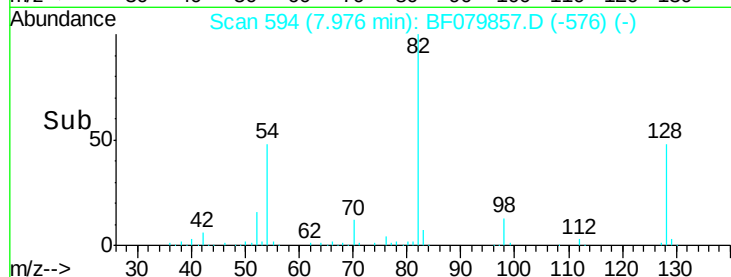
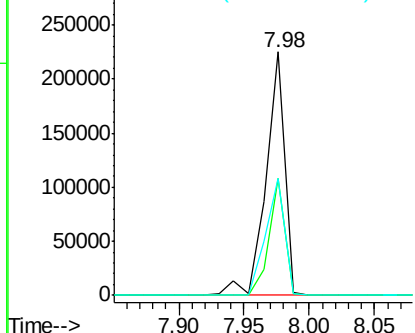
#23
 Nitrobenzene-d5
 Concen: 72.94 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079857.D
 Acq: 10 Jun 2015 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB83906BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.3	35.2	52.8
54	47.8	39.2	58.8

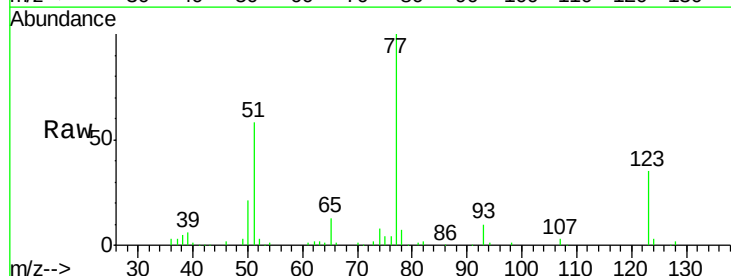


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

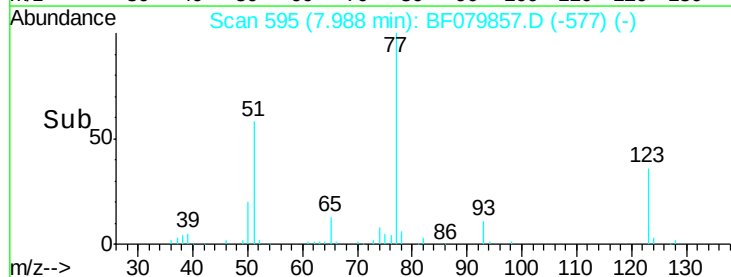
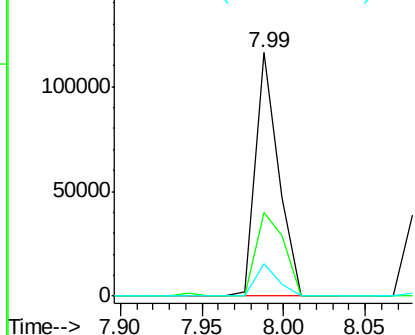


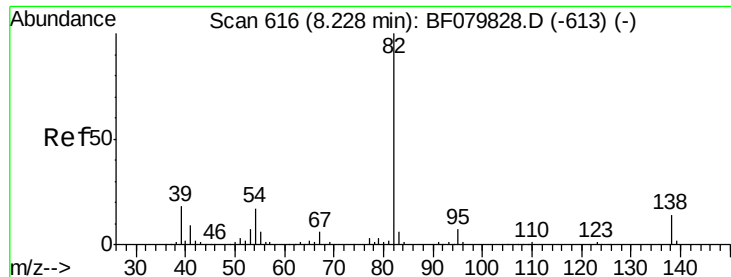
#24
 Nitrobenzene
 Concen: 36.43 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079857.D
 Acq: 10 Jun 2015 11:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.6	26.0	39.0
65	13.2	12.0	18.0



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: 38.92 ng

RT: 8.23 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

Instrument :

BNA_F

ClientSampleId :

PB83906BS

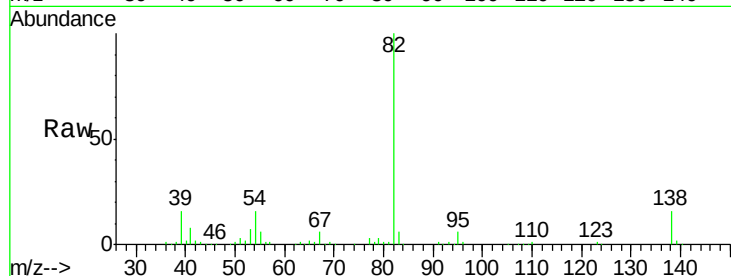
Tgt Ion: 82 Resp: 252332

Ion Ratio Lower Upper

82 100

95 6.4 5.7 8.5

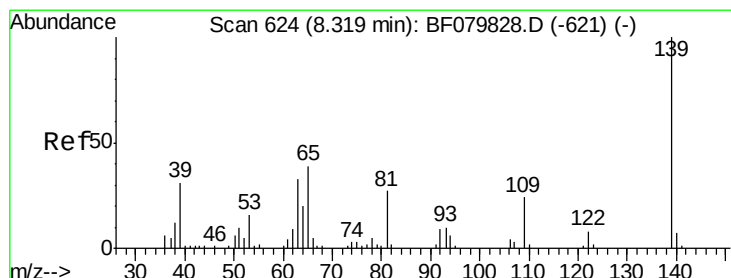
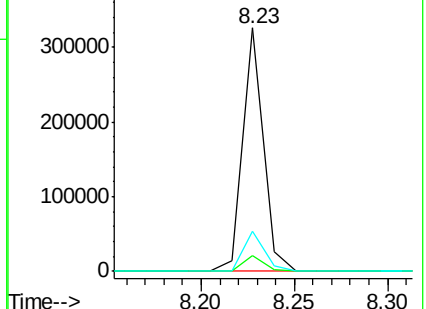
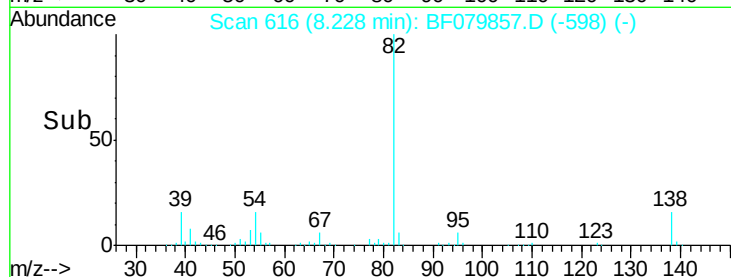
138 16.4 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 30.33 ng

RT: 8.32 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

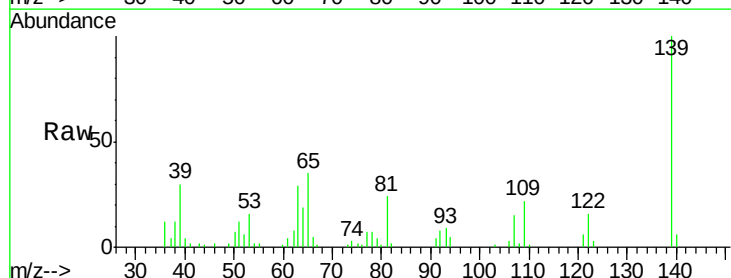
Tgt Ion: 139 Resp: 37855

Ion Ratio Lower Upper

139 100

109 22.5 21.5 32.3

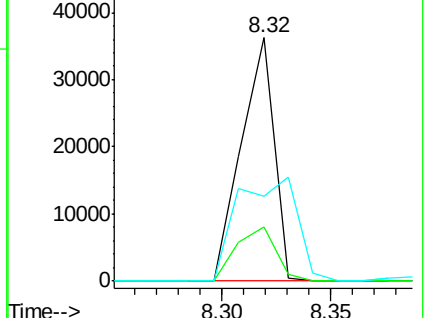
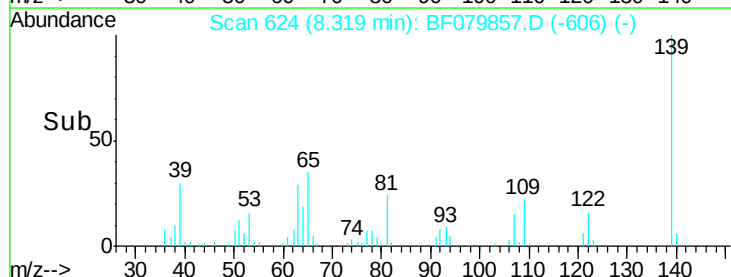
65 34.7 31.1 46.7

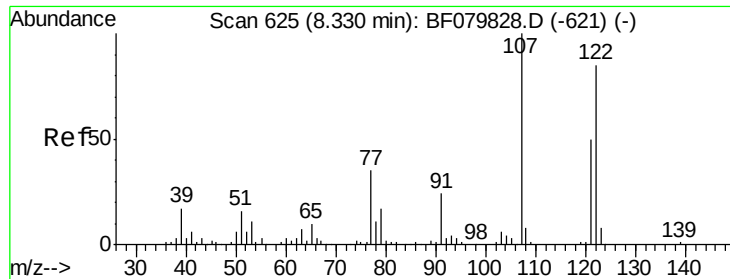


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.02 ng

RT: 8.33 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

Instrument :

BNA_F

ClientSampleId :

PB83906BS

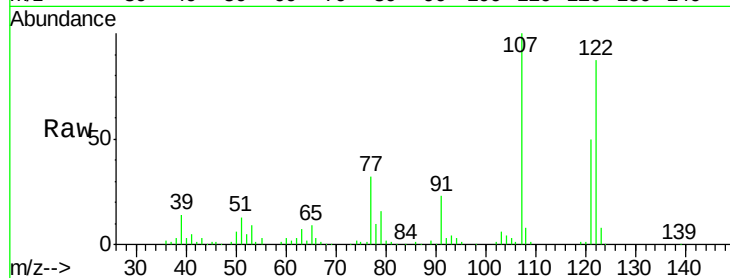
Tgt Ion: 122 Resp: 117134

Ion Ratio Lower Upper

122 100

107 114.5 95.3 142.9

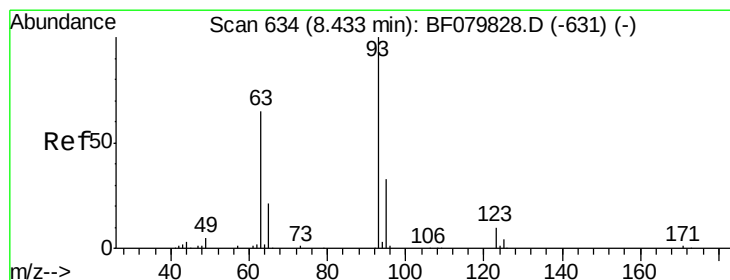
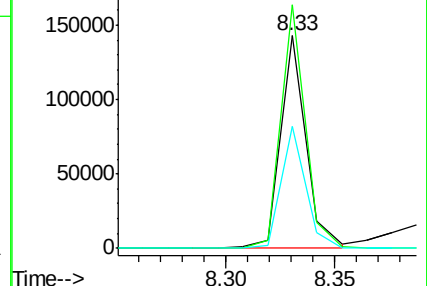
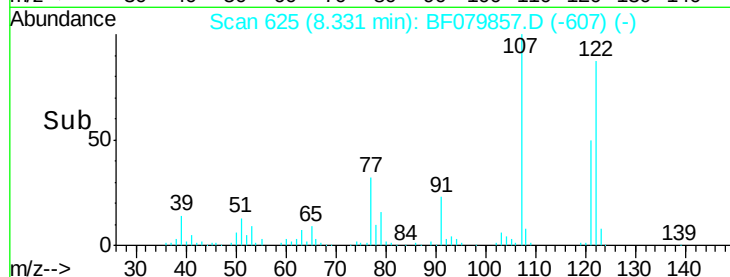
121 57.4 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.14 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

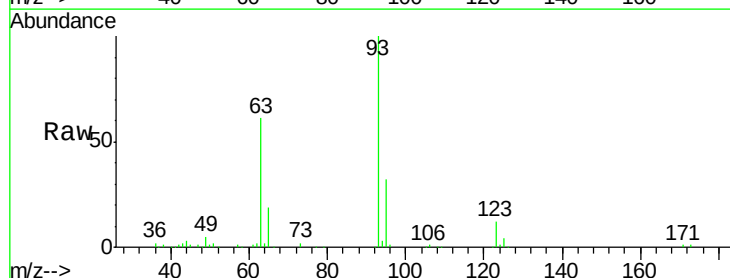
Tgt Ion: 93 Resp: 145828

Ion Ratio Lower Upper

93 100

95 32.5 26.6 39.8

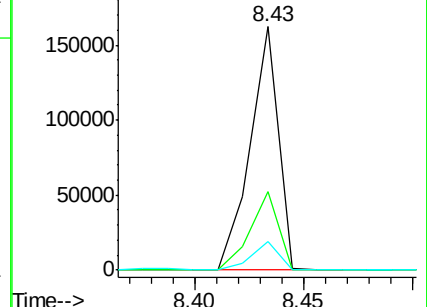
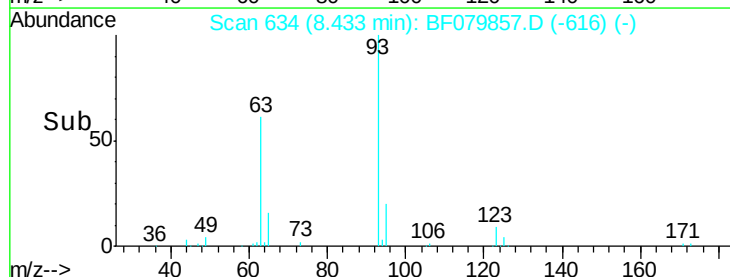
123 11.8 9.0 13.6

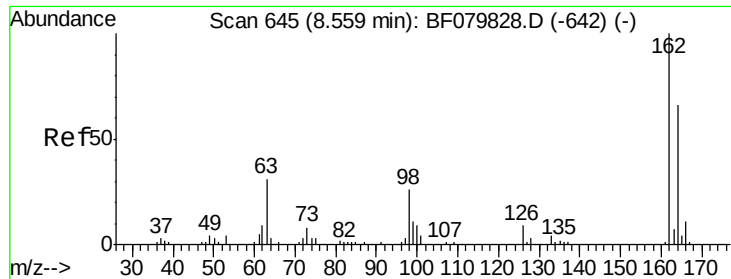


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

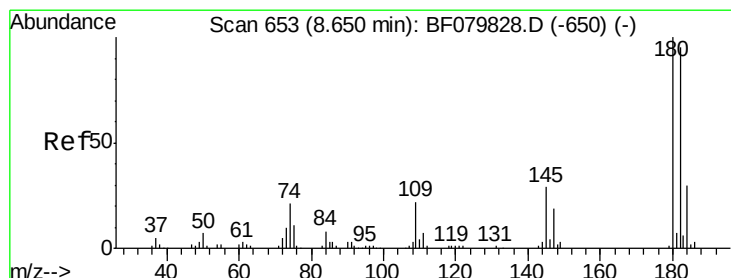
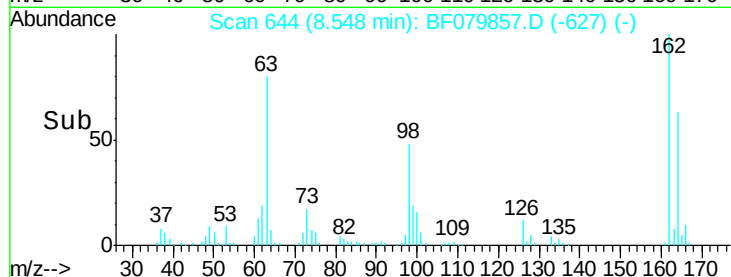
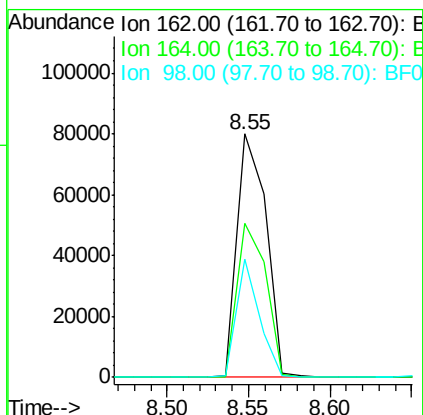
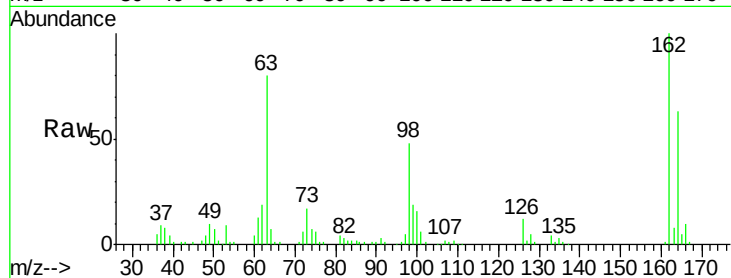




#29
 2,4-Dichlorophenol
 Concen: 39.16 ng
 RT: 8.55 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF079857.D
 Acq: 10 Jun 2015 11:27

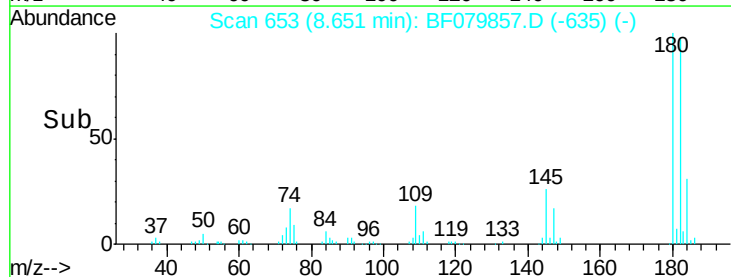
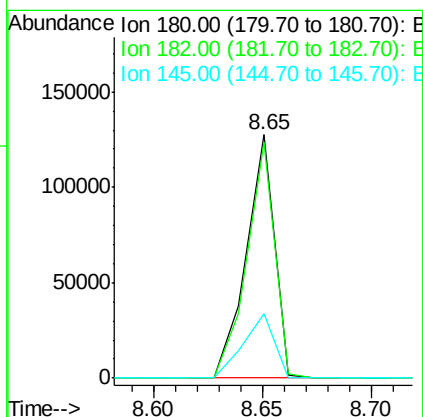
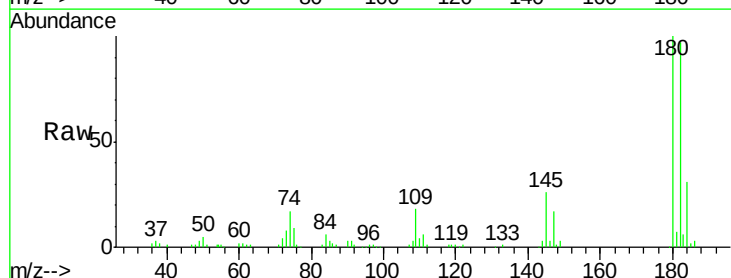
Instrument :
 BNA_F
 ClientSampleId :
 PB83906BS

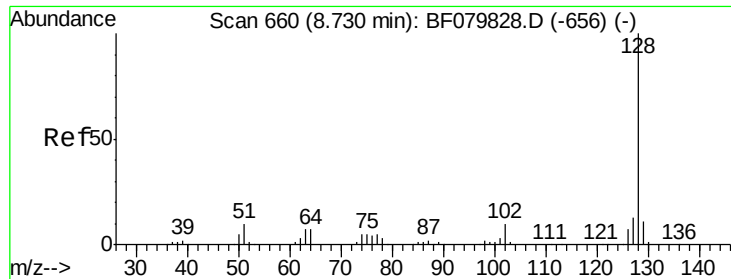
Tgt Ion:162 Resp: 97688
 Ion Ratio Lower Upper
 162 100
 164 63.2 48.7 88.7
 98 48.4 4.6 44.6#



#30
 1,2,4-Trichlorobenzene
 Concen: 35.69 ng
 RT: 8.65 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF079857.D
 Acq: 10 Jun 2015 11:27

Tgt Ion:180 Resp: 114445
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.0 114.0
 145 26.4 23.7 35.5

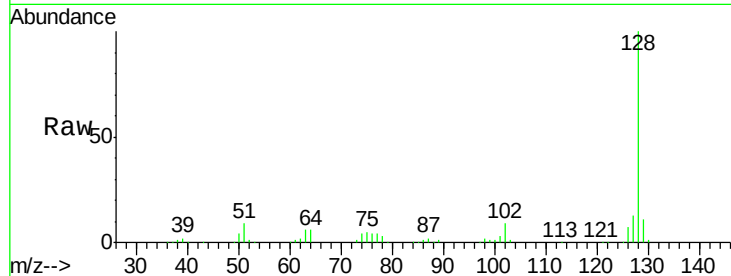




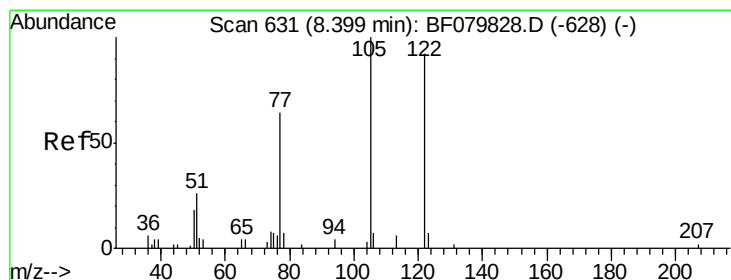
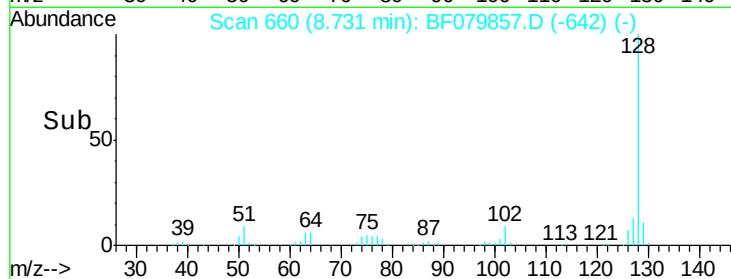
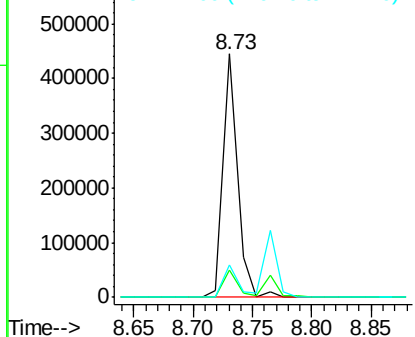
#31
Naphthalene
Concen: 38.96 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF079857.D
Acq: 10 Jun 2015 11:27

Instrument :
BNA_F
ClientSampleId :
PB83906BS

Tgt Ion:128 Resp: 372728
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.6 16.0

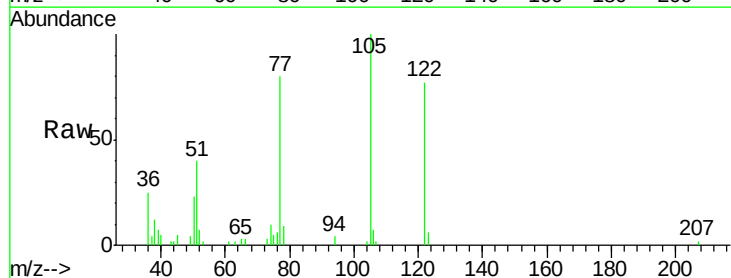


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

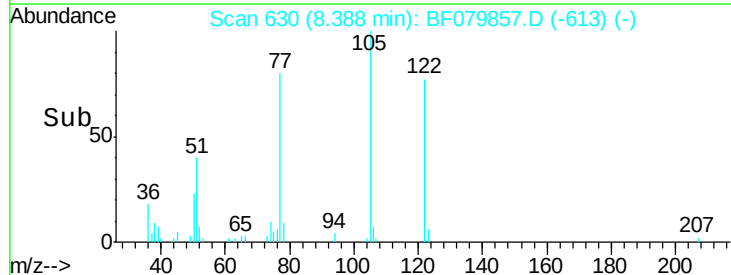
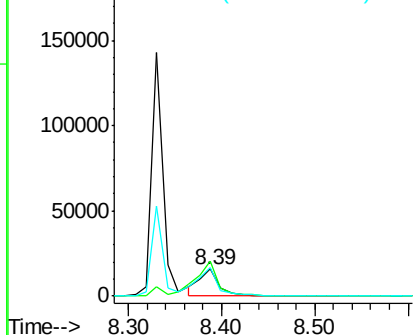


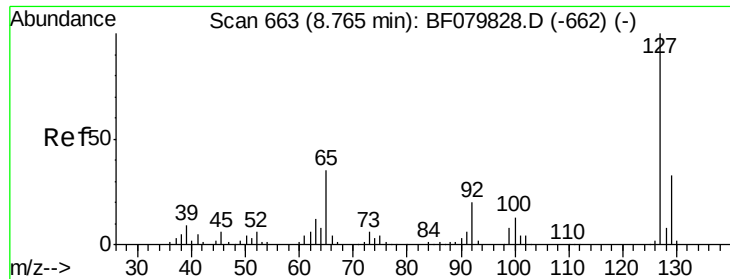
#32
Benzoic acid
Concen: 28.81 ng
RT: 8.39 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF079857.D
Acq: 10 Jun 2015 11:27

Tgt Ion:122 Resp: 24671
Ion Ratio Lower Upper
122 100
105 130.7 106.2 146.2
77 104.7 81.6 121.6



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

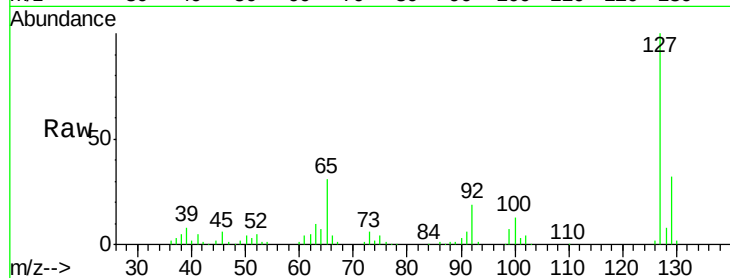




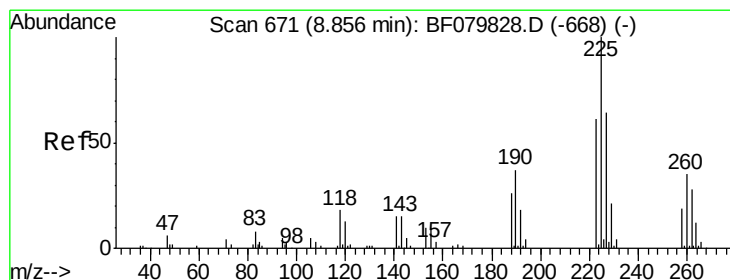
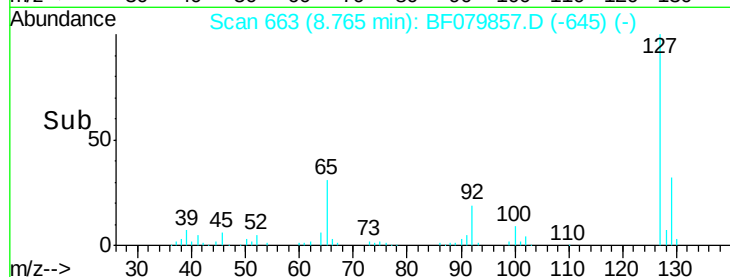
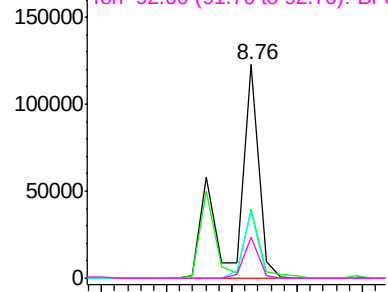
#33
4-Chloroaniline
Concen: 37.44 ng
RT: 8.76 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF079857.D
Acq: 10 Jun 2015 11:27

Instrument :
BNA_F
ClientSampleId :
PB83906BS

Tgt Ion:	127	Resp:	144670
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.5	38.3
65	30.9	26.8	40.2
92	19.1	16.3	24.5

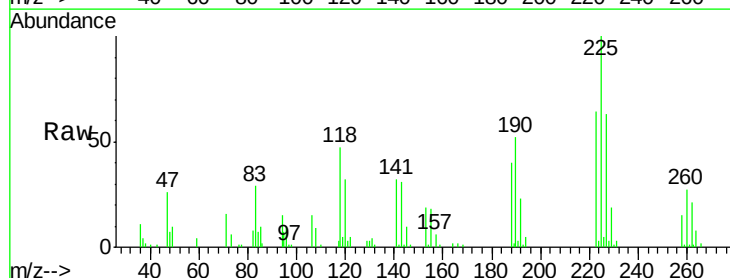


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

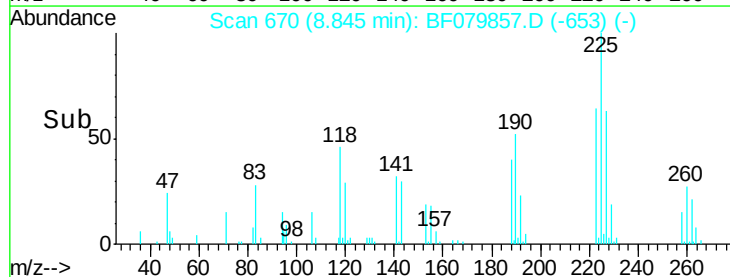
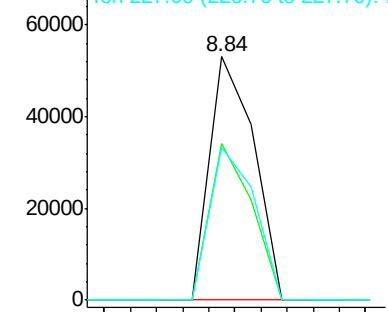


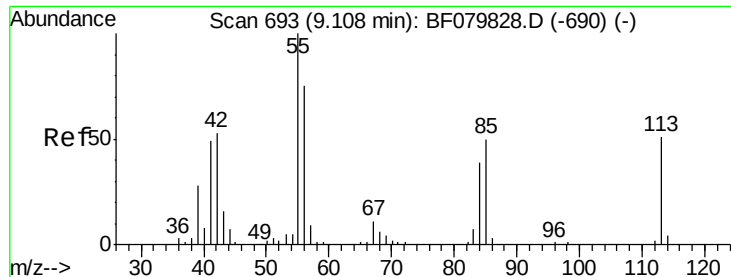
#34
Hexachlorobutadiene
Concen: 35.49 ng
RT: 8.84 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF079857.D
Acq: 10 Jun 2015 11:27

Tgt Ion:	225	Resp:	62644
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.2
227	62.9	53.7	80.5



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

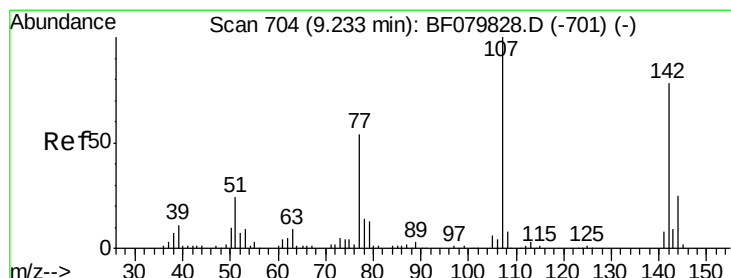
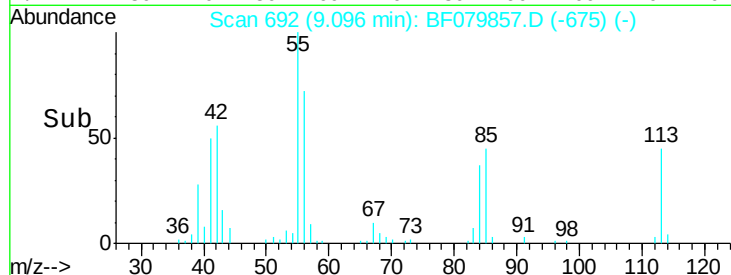
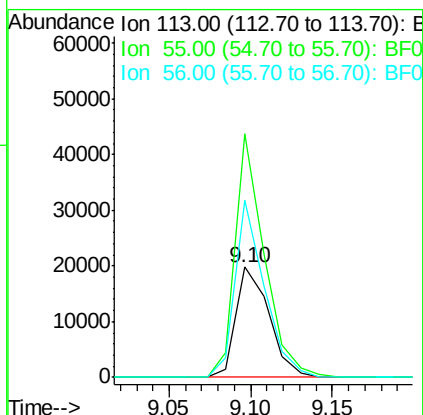
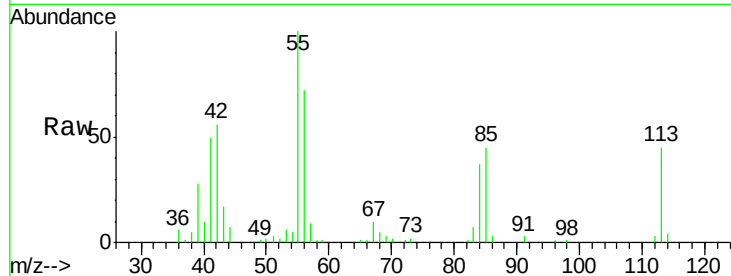




#35
 Caprolactam
 Concen: 37.97 ng
 RT: 9.10 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF079857.D
 Acq: 10 Jun 2015 11:27

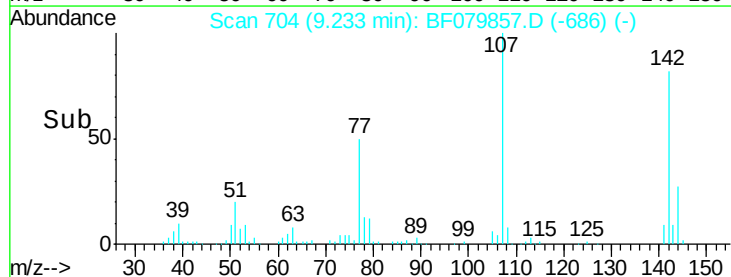
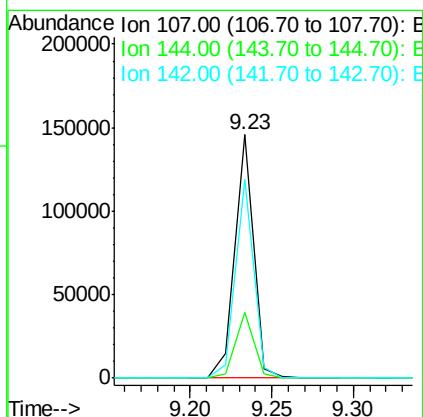
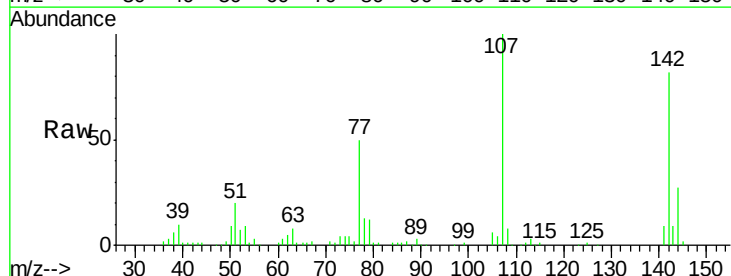
Instrument :
 BNA_F
 ClientSampleId :
 PB83906BS

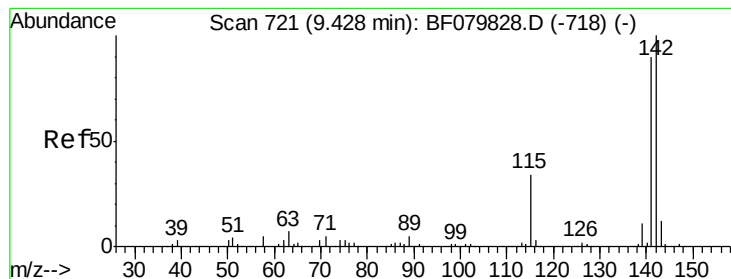
Tgt Ion:113 Resp: 27719
 Ion Ratio Lower Upper
 113 100
 55 220.8 122.7 162.7#
 56 160.0 89.3 129.3#



#36
 4-Chloro-3-methylphenol
 Concen: 42.40 ng
 RT: 9.23 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF079857.D
 Acq: 10 Jun 2015 11:27

Tgt Ion:107 Resp: 114797
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.3 30.5
 142 81.6 65.9 98.9





#37

2-Methylnaphthalene

Concen: 39.36 ng

RT: 9.43 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

Instrument :

BNA_F

ClientSampleId :

PB83906BS

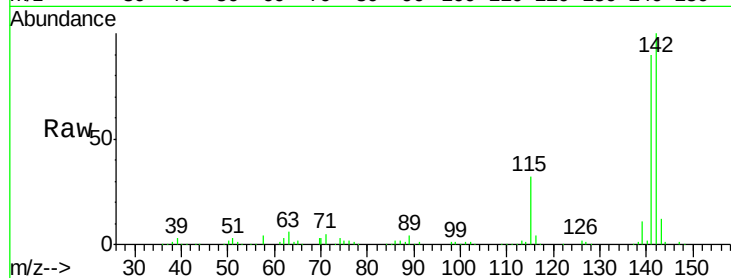
Tgt Ion:142 Resp: 267555

Ion Ratio Lower Upper

142 100

141 90.5 72.5 108.7

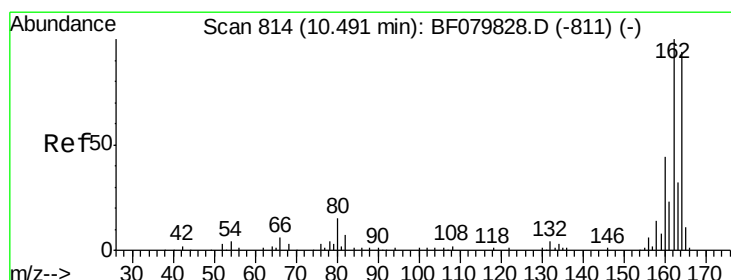
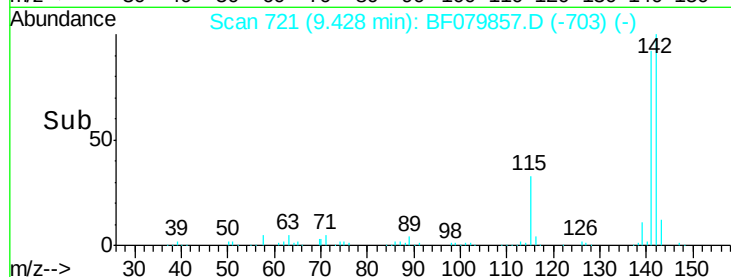
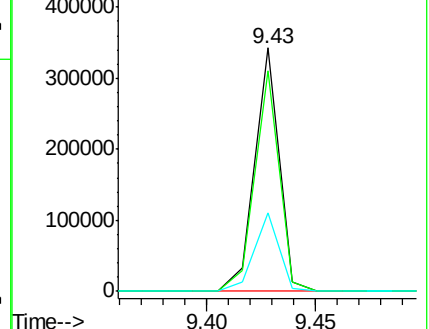
115 32.1 27.3 40.9



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: 10.48 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF079857.D

Acq: 10 Jun 2015 11:27

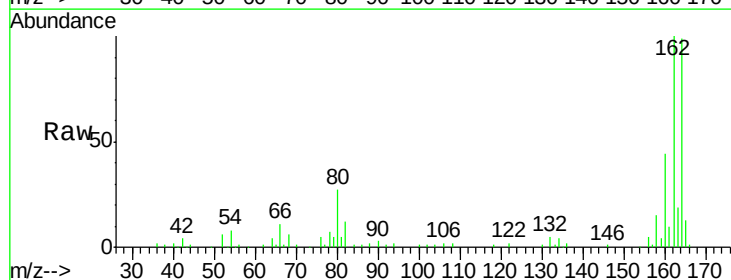
Tgt Ion:164 Resp: 88324

Ion Ratio Lower Upper

164 100

162 101.0 89.8 134.8

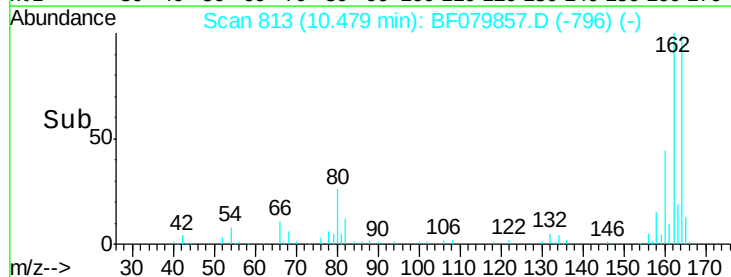
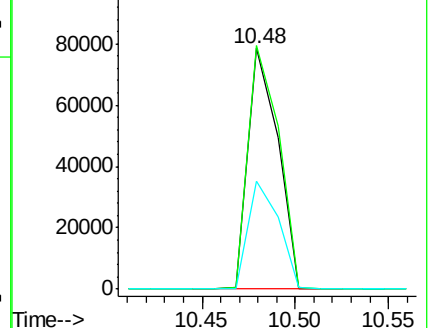
160 44.5 39.6 59.4

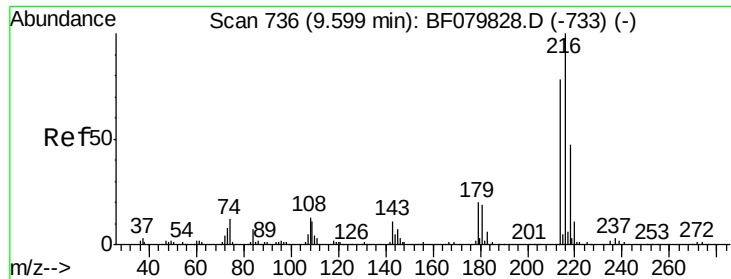


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

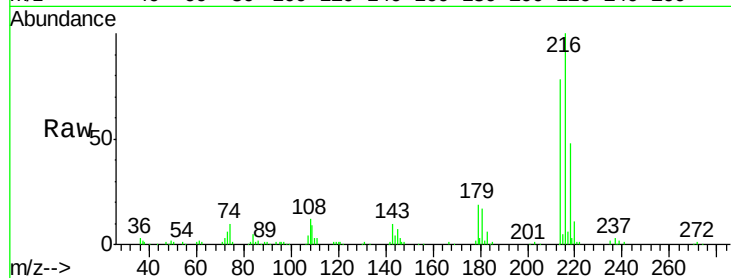




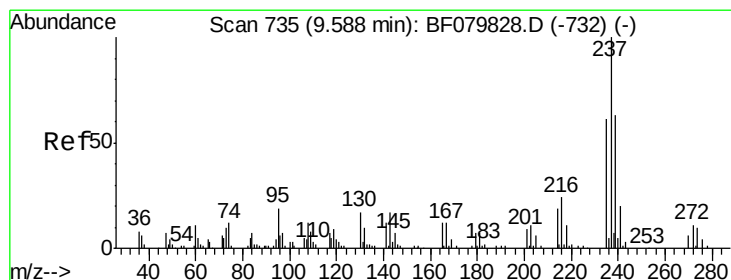
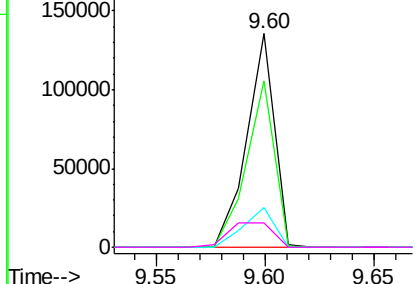
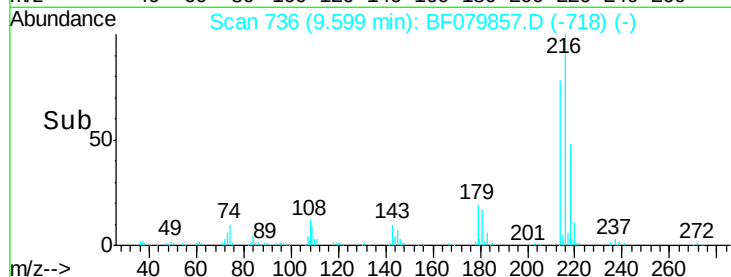
#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.86 ng
RT: 9.60 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF079857.D
Acq: 10 Jun 2015 11:27

Instrument :
BNA_F
ClientSampleId :
PB83906BS

Tgt Ion:	216	Resp:	119966
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.1	94.7
179	20.3	17.1	25.7
108	18.9	13.4	20.2

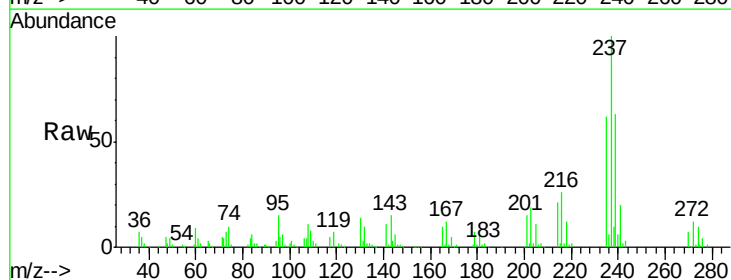


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40
Hexachlorocyclopentadiene
Concen: 76.79 ng
RT: 9.59 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF079857.D
Acq: 10 Jun 2015 11:27

Tgt Ion:	237	Resp:	113274
Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.0	82.0
272	12.5	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

