

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
 Data File : BF079400.D
 Acq On : 21 May 2015 1:42
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 21 04:08:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	8.67	136	225125	20.00	ng	-0.03
38) Acenaphthene-d10	10.83	164	108235	20.00	ng	-0.05
63) Phenanthrene-d10	12.67	188	210313	20.00	ng	-0.05
75) Chrysene-d12	15.95	240	218151	20.00	ng	-0.07
86) Perylene-d12	17.65	264	224412	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.78	82	320933	81.93	ng	-0.05
41) 2,4,6-Tribromophenol	11.82	330	96397	82.33	ng	-0.05
44) 2-Fluorobiphenyl	10.01	172	646822	83.26	ng	-0.05
78) Terphenyl-d14	14.67	244	770990	84.61	ng	-0.05

Target Compounds

						Qvalue
22) Acetophenone	7.60	105	210550	41.40	ng	# 91
24) Nitrobenzene	7.80	77	153946	39.65	ng	98
25) Isophorone	8.11	82	312215	42.99	ng	99
26) 2-Nitrophenol	8.20	139	28844	17.95	ng	99
27) 2,4-Dimethylphenol	8.27	122	138331	43.02	ng	94
28) bis(2-Chloroethoxy)methane	8.40	93	182250	40.71	ng	99
29) 2,4-Dichlorophenol	8.50	162	128314	44.87	ng	97
30) 1,2,4-Trichlorobenzene	8.60	180	136658	43.50	ng	98
31) Naphthalene	8.70	128	467980	43.63	ng	99
32) Benzoic acid	8.41	122	44447	25.48	ng	98
33) 4-Chloroaniline	8.78	127	201281	44.35	ng	# 91
34) Hexachlorobutadiene	8.84	225	73503	40.63	ng	97
35) Caprolactam	9.21	113	41113	44.46	ng	93
36) 4-Chloro-3-methylphenol	9.39	107	132525	44.12	ng	98
37) 2-Methylnaphthalene	9.55	142	320632	43.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	130987	42.97	ng	98
42) 2,4,6-Trichlorophenol	9.91	196	91859	43.83	ng	99
43) 2,4,5-Trichlorophenol	9.96	196	92615	43.71	ng	98
45) 1,1'-Biphenyl	10.14	154	364108	42.32	ng	98
46) 2-Chloronaphthalene	10.16	162	291767	43.47	ng	# 91
47) 2-Nitroaniline	10.28	65	82156	42.25	ng	97
48) Acenaphthylene	10.66	152	486088	44.11	ng	99
49) Dimethylphthalate	10.52	163	331397	41.72	ng	99
50) 2,6-Dinitrotoluene	10.60	165	48192	30.74	ng	97
51) Acenaphthene	10.88	154	276094	42.01	ng	99
52) 3-Nitroaniline	10.80	138	95080	48.55	ng	96
54) Dibenzofuran	11.10	168	404440	42.61	ng	97
55) 4-Nitrophenol	11.03	139	35227	22.73	ng	98
56) 2,4-Dinitrotoluene	11.10	165	56273	27.15	ng	# 57
57) Fluorene	11.52	166	342237	43.93	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.26	232	73098	42.22	ng	99
59) Diethylphthalate	11.40	149	338312	42.99	ng	97
60) 4-Chlorophenyl-phenylether	11.53	204	151650	43.88	ng	93
61) 4-Nitroaniline	11.55	138	97723	49.88	ng	96

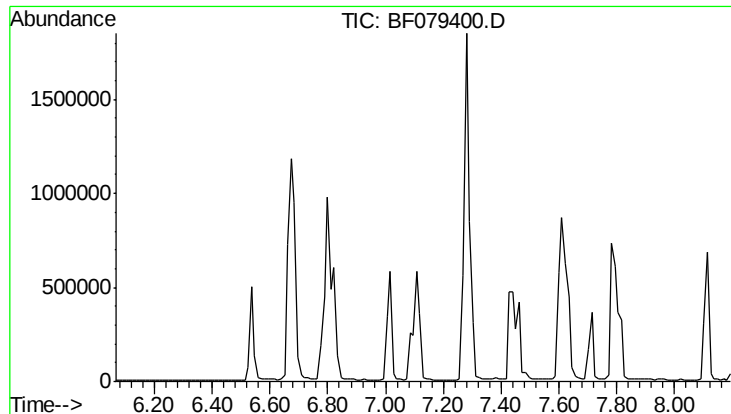
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) Azobenzene	11.73	77	323981	41.78	nq	96
65) n-Nitrosodiphenylamine	11.68	169	299860	42.81	nq	99
66) 4-Bromophenyl-phenylether	12.14	248	89902	41.01	nq	# 83
67) Hexachlorobenzene	12.19	284	102206	40.79	nq	# 81
68) Atrazine	12.35	200	83696	41.09	nq	97
69) Pentachlorophenol	12.45	266	43589	34.03	nq	98
70) Phenanthrene	12.71	178	498741	42.39	nq	100
71) Anthracene	12.77	178	488883	42.35	nq	99
72) Carbazole	12.98	167	485439	44.12	nq	99
73) Di-n-butylphthalate	13.43	149	577830	43.80	nq	# 98
74) Fluoranthene	14.18	202	537863	43.87	nq	96
76) Benzidine	14.37	184	263425	44.80	nq	98
77) Pyrene	14.46	202	550733	43.81	nq	99
79) Butylbenzylphthalate	15.29	149	261442	47.58	nq	96
80) Benzo(a)anthracene	15.94	228	515027	43.11	nq	100
81) 3,3'-Dichlorobenzidine	15.93	252	197473	46.41	nq	99
82) Chrysene	15.99	228	483918	42.12	nq	99
83) Bis(2-ethylhexyl)phthalate	16.01	149	378021	45.42	nq	100
84) Di-n-octyl phthalate	16.79	149	655682	44.73	nq	97
85) Indeno(1,2,3-cd)pyrene	18.99	276	578067	39.49	nq	100
87) Benzo(b)fluoranthene	17.21	252	550693	44.83	nq	98
88) Benzo(k)fluoranthene	17.21	252	550693	46.31	nq	# 94
89) Benzo(a)pyrene	17.59	252	481062	42.53	nq	100
90) Dibenzo(a,h)anthracene	19.02	278	485721	40.41	nq	98
91) Benzo(g,h,i)perylene	19.39	276	477582	39.64	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.13 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

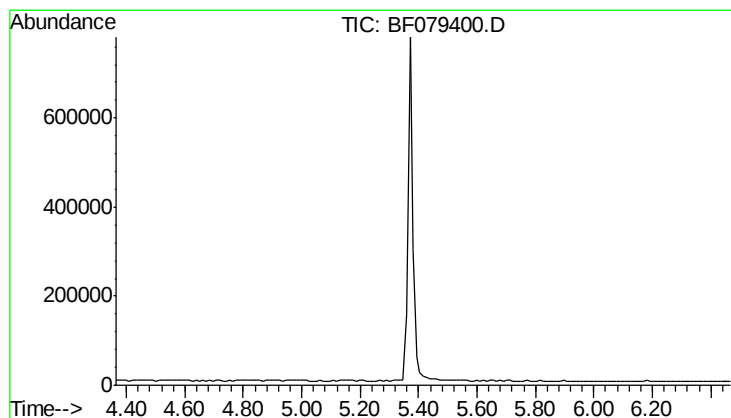
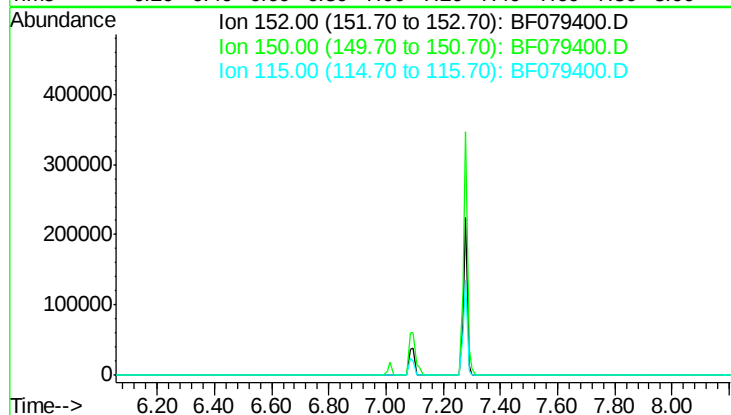
Tot Ion: 152

Sig Exp Ratio

152 100

150 154.8

115 61.7



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.42 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

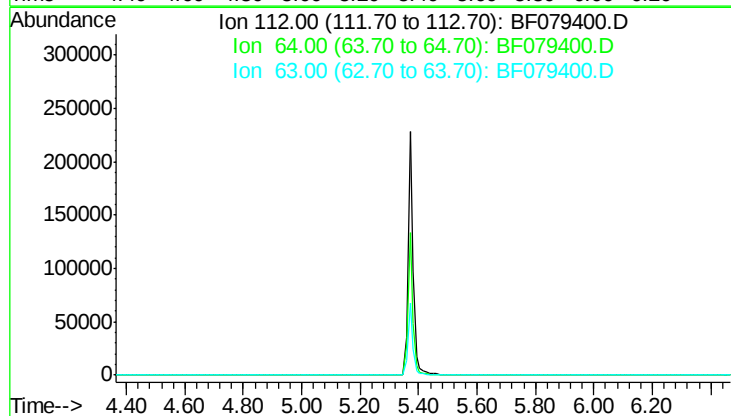
Tgt Ion: 112

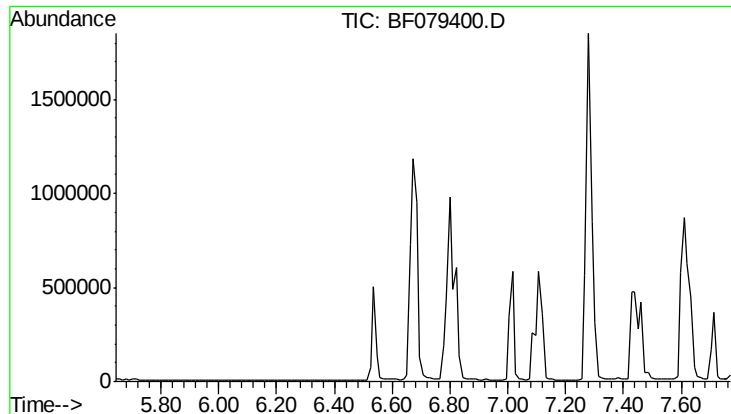
Sig Exp Ratio

112 100

64 55.2

63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

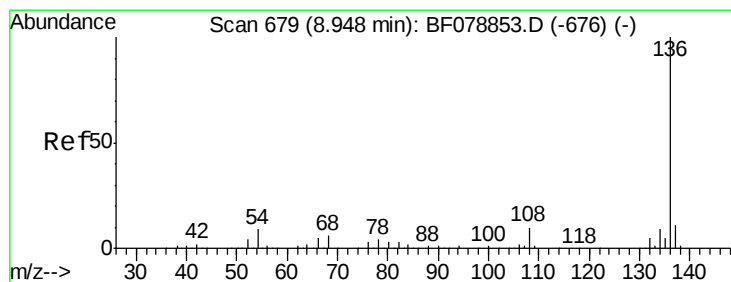
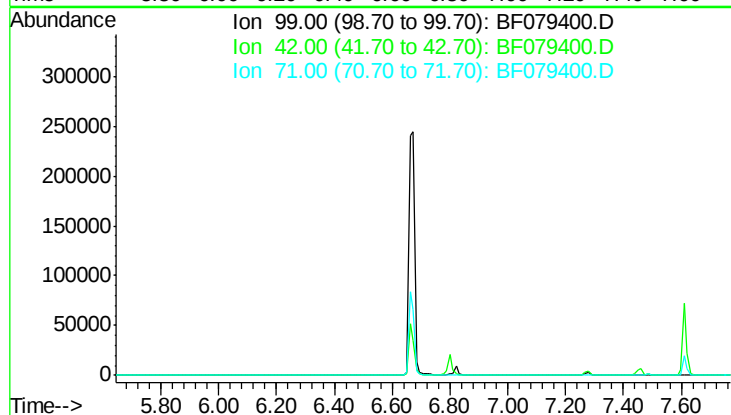
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Tgt Ion:136 Resp: 225125

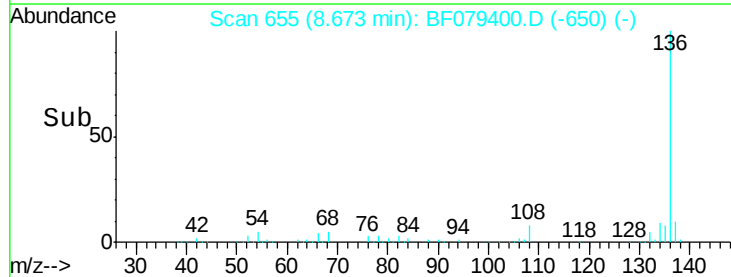
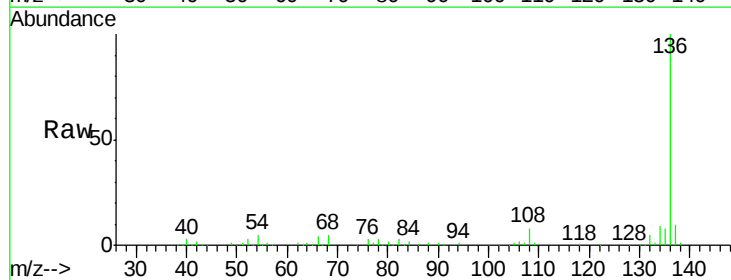
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 5.5 6.9 10.3#

68 4.5 4.9 7.3#

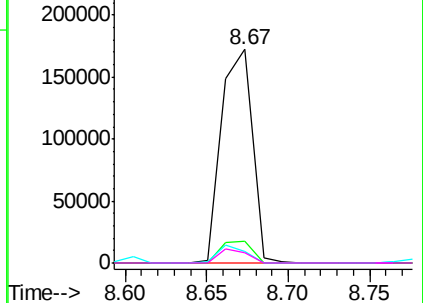


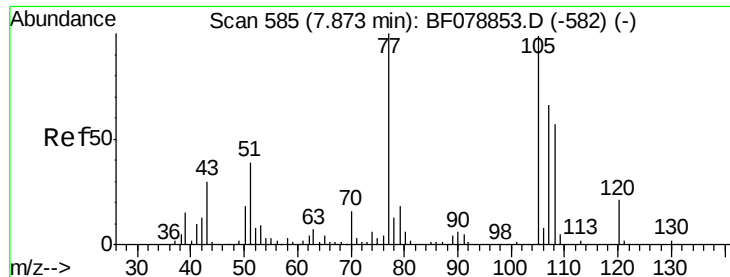
Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.40 ng

RT: 7.60 min Scan# 561

Delta R.T. -0.05 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:105 Resp: 210550

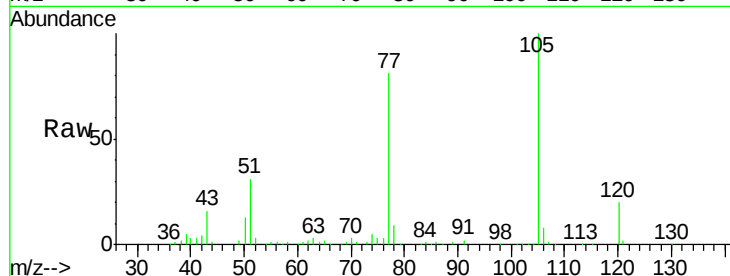
Ion Ratio Lower Upper

105 100

71 0.6 2.2 3.4#

51 30.9 31.1 46.7#

120 20.0 16.7 25.1

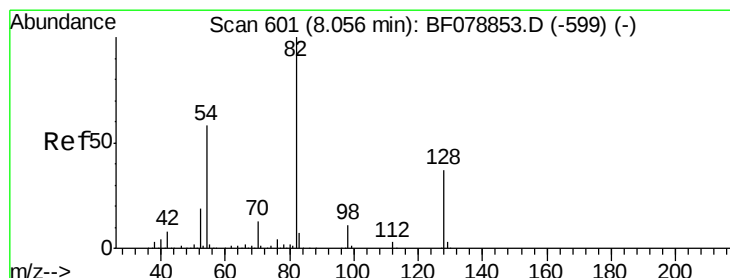
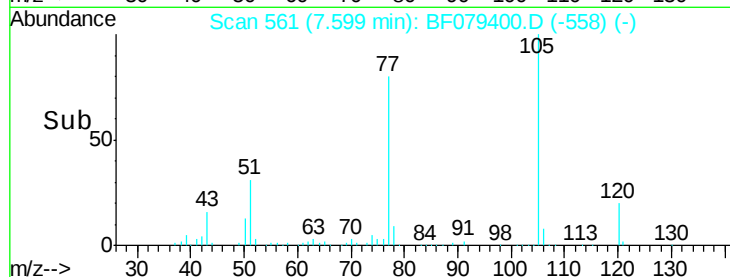
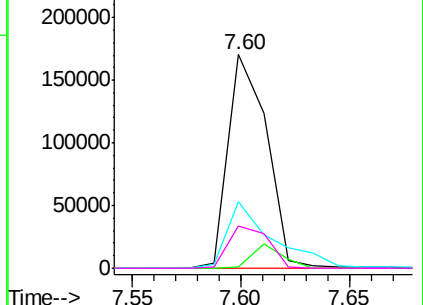


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 81.93 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.05 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

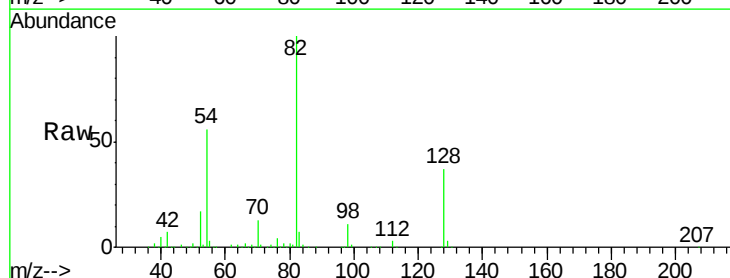
Tgt Ion: 82 Resp: 320933

Ion Ratio Lower Upper

82 100

128 37.2 29.7 44.5

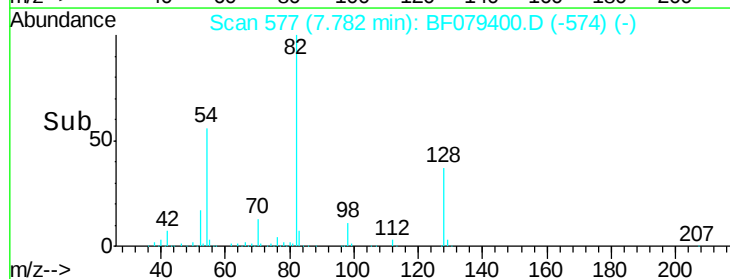
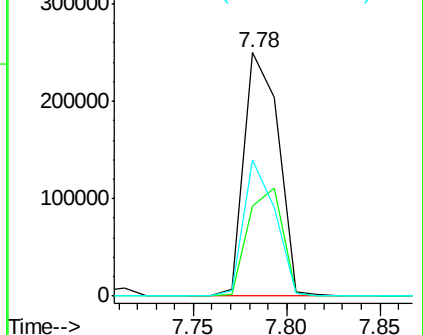
54 55.9 46.2 69.4

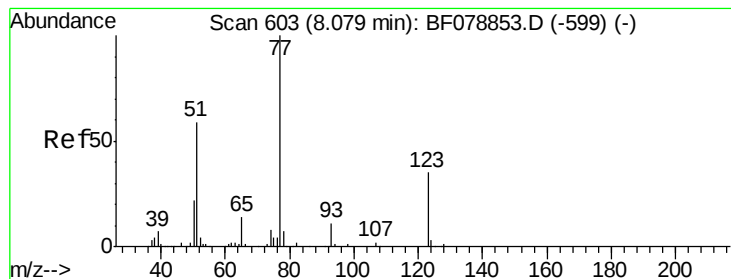


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 39.65 ng

RT: 7.80 min Scan# 579

Delta R.T. -0.05 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

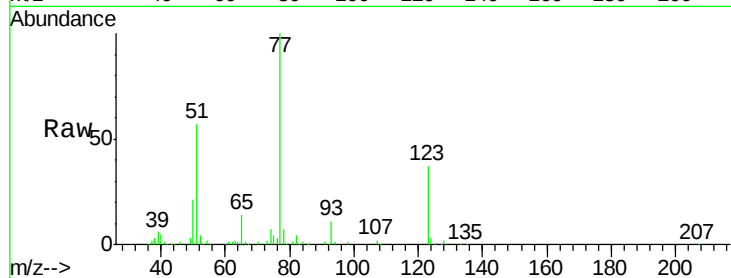
Tot Ion: 77 Resp: 153946

Ion Ratio Lower Upper

77 100

123 36.8 28.3 42.5

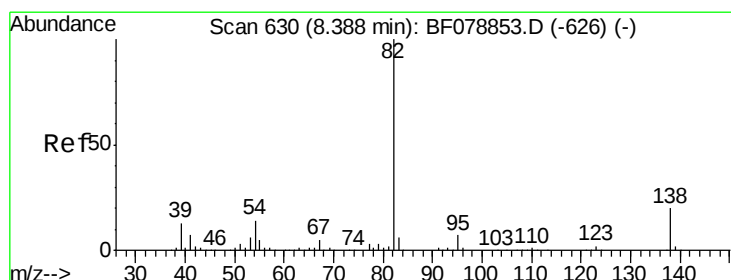
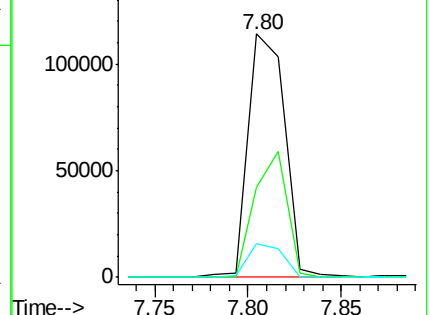
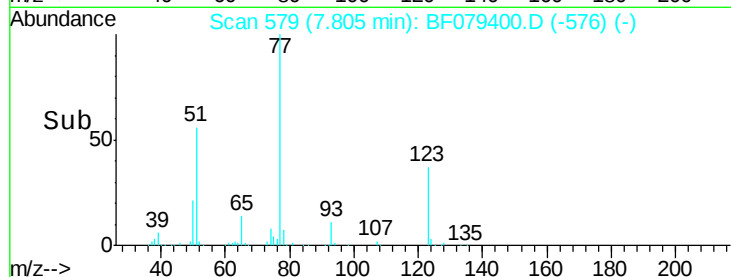
65 13.7 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 42.99 ng

RT: 8.11 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

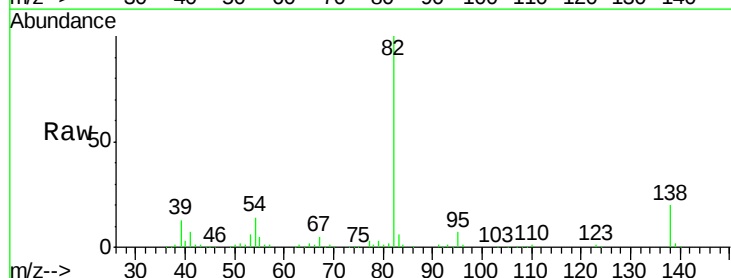
Tgt Ion: 82 Resp: 312215

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

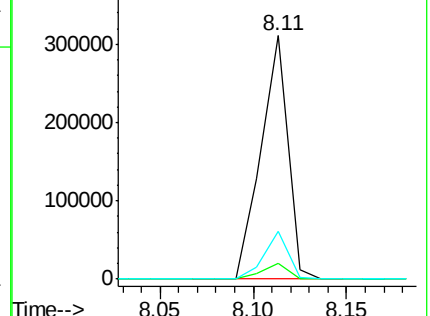
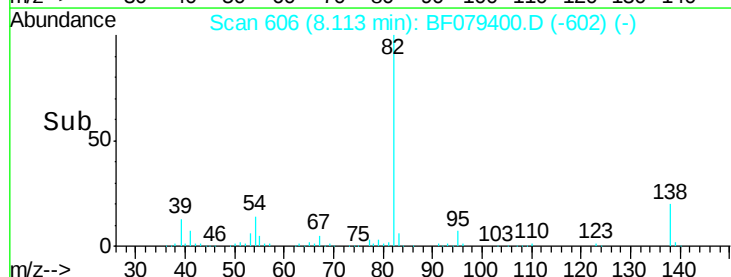
138 19.7 16.1 24.1

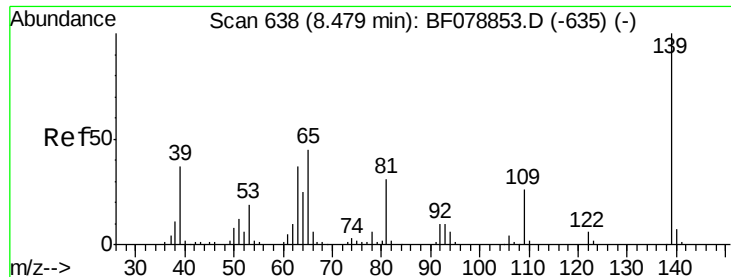


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

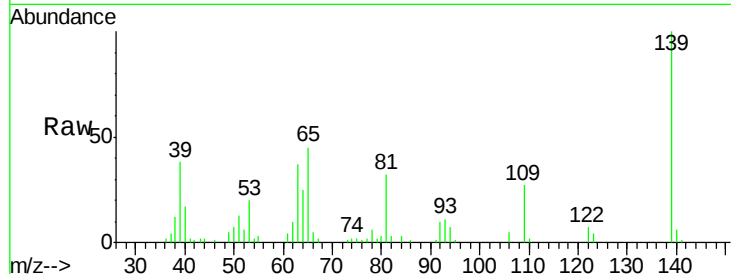




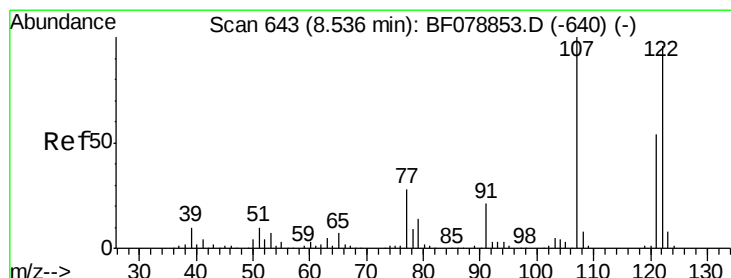
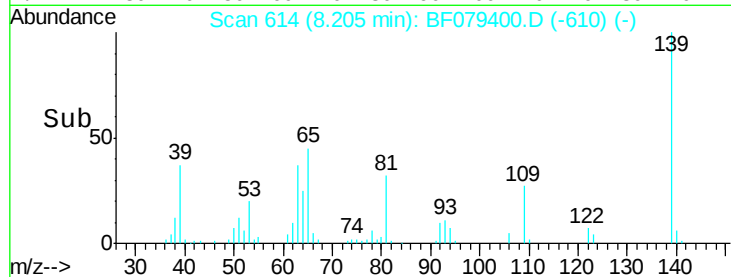
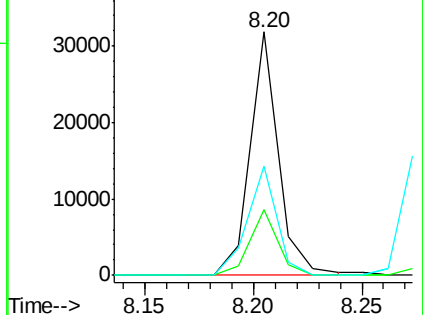
#26
2-Nitrophenol
Concen: 17.95 ng
RT: 8.20 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:139 Resp: 28844
Ion Ratio Lower Upper
139 100
109 27.2 20.9 31.3
65 45.0 35.8 53.8

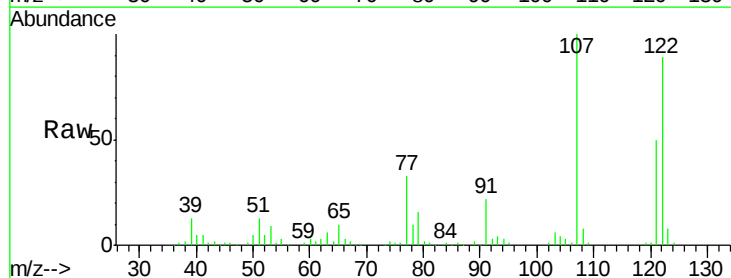


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

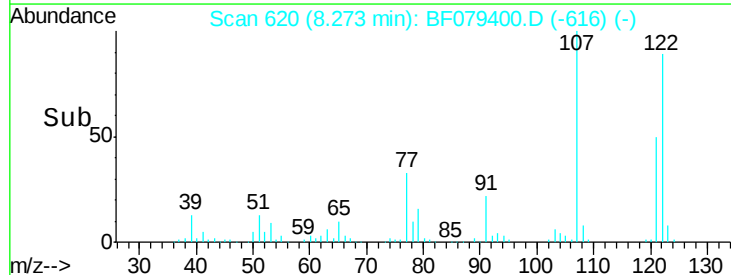
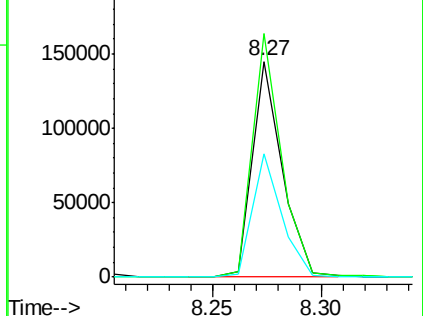


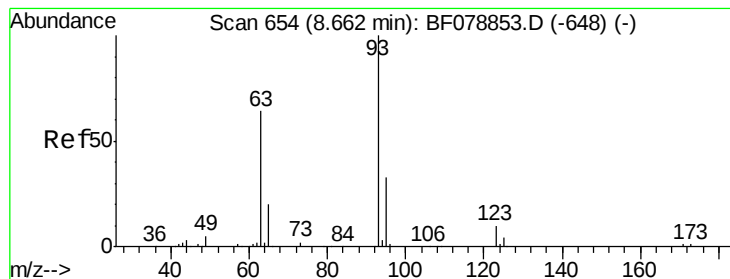
#27
2,4-Dimethylphenol
Concen: 43.02 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Tgt Ion:122 Resp: 138331
Ion Ratio Lower Upper
122 100
107 113.0 83.6 125.4
121 57.0 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 40.71 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.03 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

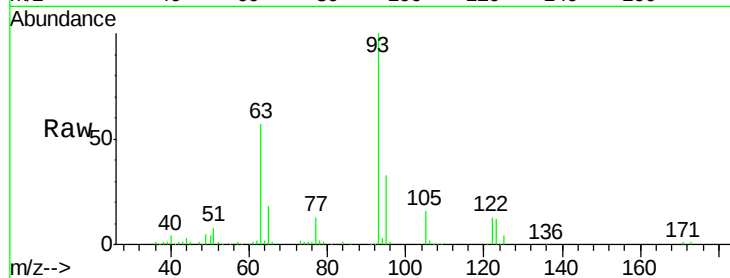
Tot Ion: 93 Resp: 182250

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

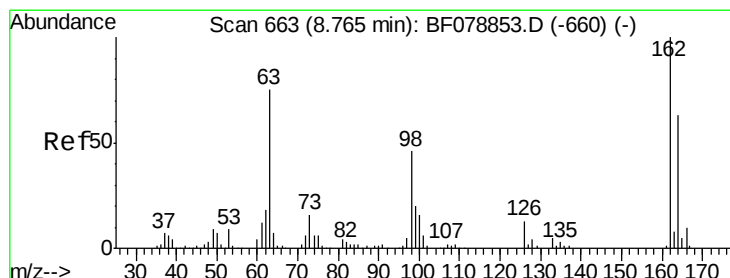
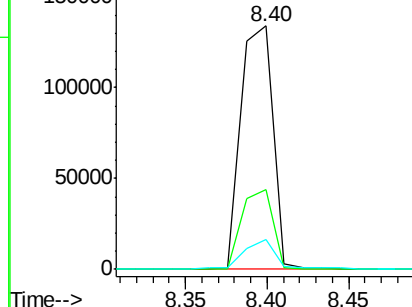
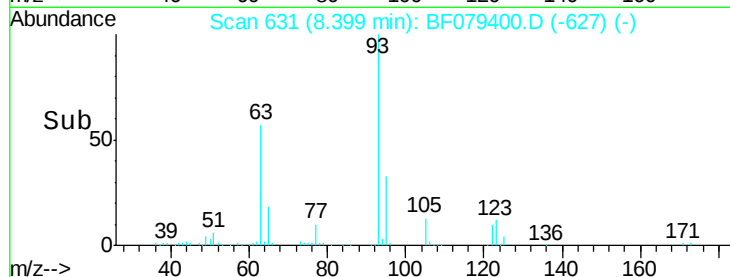
123 12.3 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF079400.D (-627) (-)

Ion 95.00 (94.70 to 95.70): BF079400.D (-627) (-)

Ion 123.00 (122.70 to 123.70): BF079400.D (-627) (-)



#29

2,4-Dichlorophenol

Concen: 44.87 ng

RT: 8.50 min Scan# 640

Delta R.T. -0.05 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

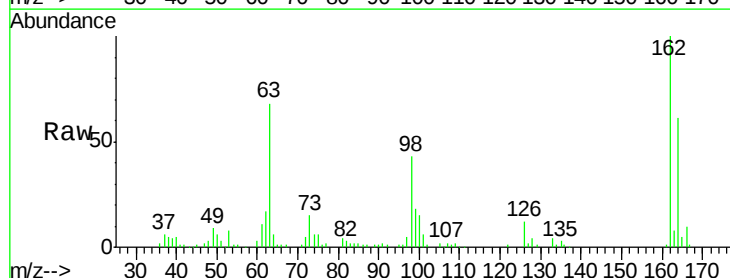
Tgt Ion: 162 Resp: 128314

Ion Ratio Lower Upper

162 100

164 61.3 42.7 82.7

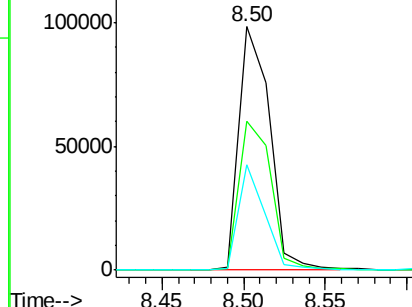
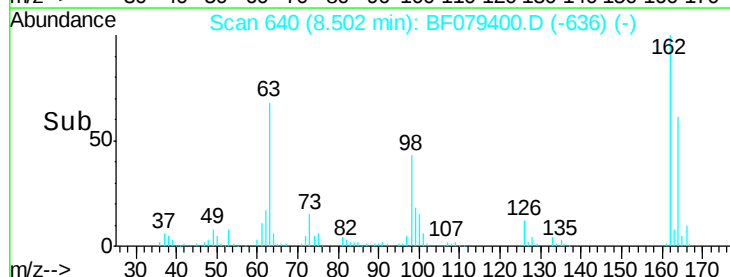
98 43.5 26.3 66.3

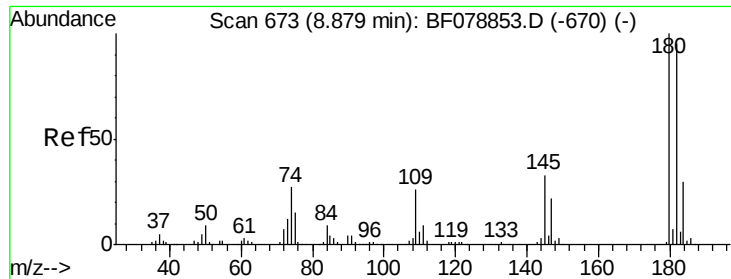


Abundance Ion 162.00 (161.70 to 162.70): BF079400.D (-636) (-)

Ion 164.00 (163.70 to 164.70): BF079400.D (-636) (-)

Ion 98.00 (97.70 to 98.70): BF079400.D (-636) (-)

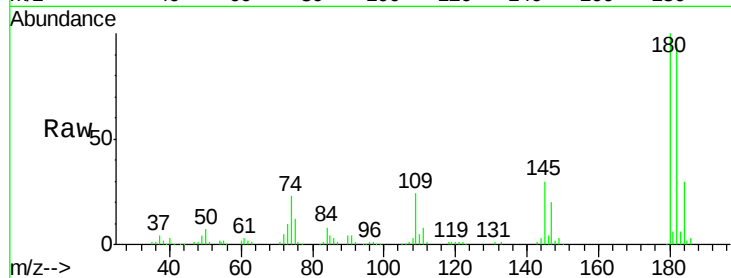




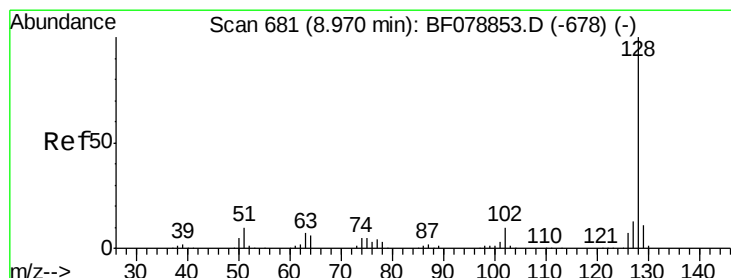
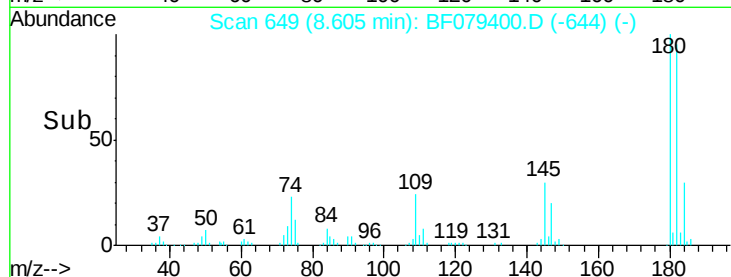
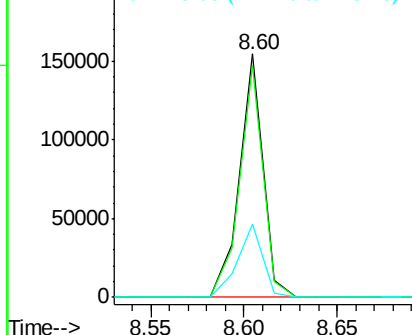
#30
1,2,4-Trichlorobenzene
Concen: 43.50 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:180 Resp: 136658
Ion Ratio Lower Upper
180 100
182 95.1 75.7 113.5
145 30.4 26.2 39.4

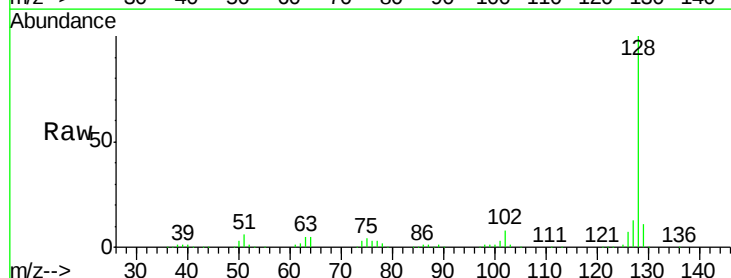


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

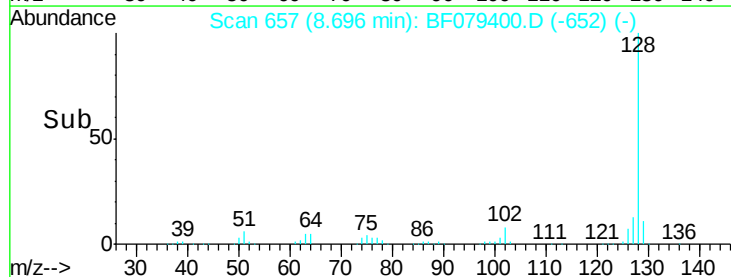
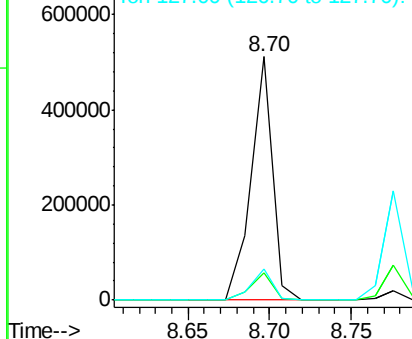


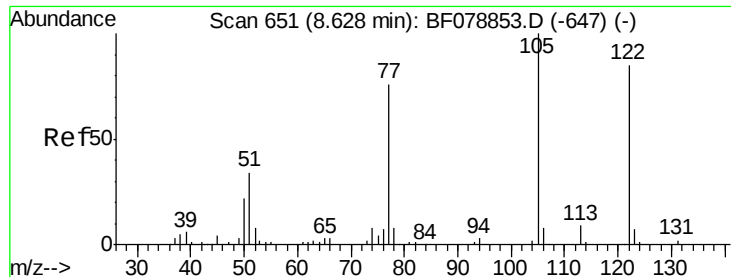
#31
Naphthalene
Concen: 43.63 ng
RT: 8.70 min Scan# 657
Delta R.T. -0.03 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Tgt Ion:128 Resp: 467980
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.0 10.3 15.5



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

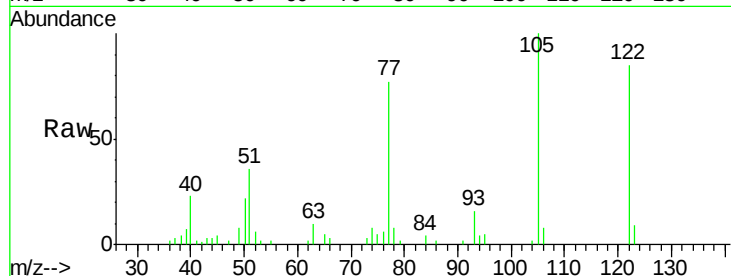




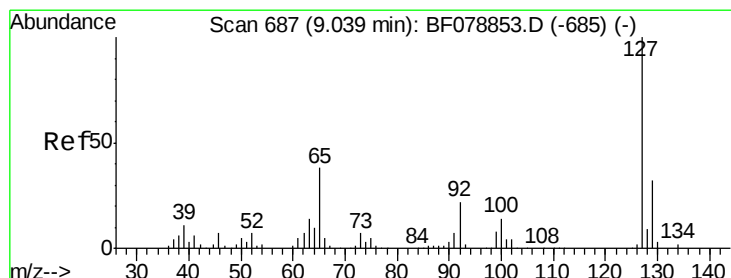
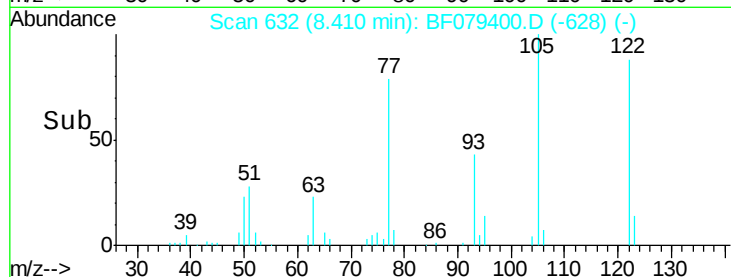
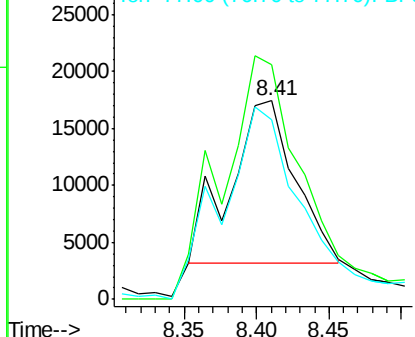
#32
Benzoic acid
Concen: 25.48 ng
RT: 8.41 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:122 Resp: 44447
Ion Ratio Lower Upper
122 100
105 118.2 100.7 140.7
77 90.8 72.0 112.0

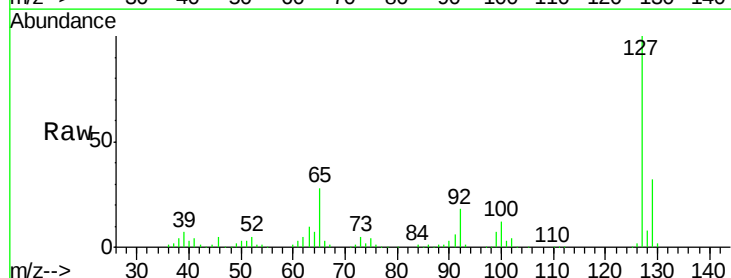


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

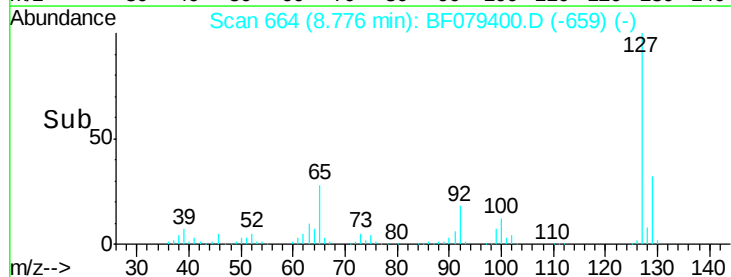
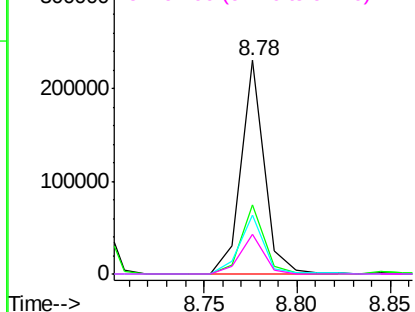


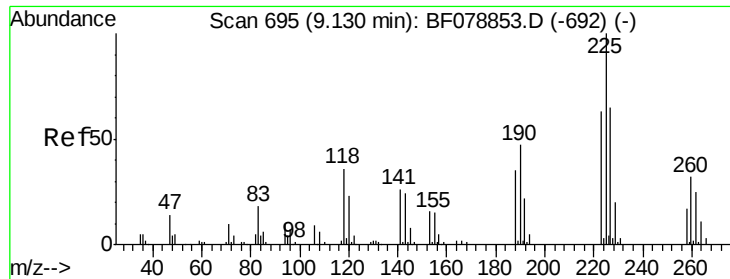
#33
4-Chloroaniline
Concen: 44.35 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Tgt Ion:127 Resp: 201281
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 27.9 30.2 45.4#
92 18.5 17.5 26.3



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: 40.63 ng

RT: 8.84 min Scan# 670

Delta R.T. -0.05 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

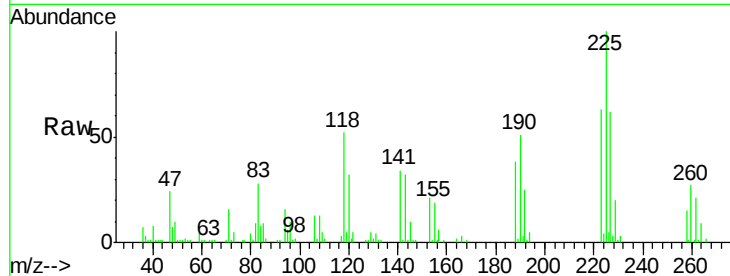
Tot Ion:225 Resp: 73503

Ion Ratio Lower Upper

225 100

223 62.8 50.6 75.8

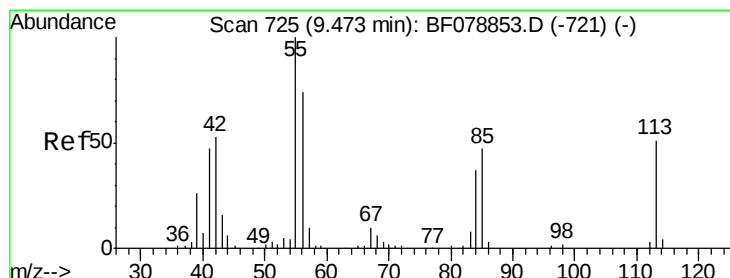
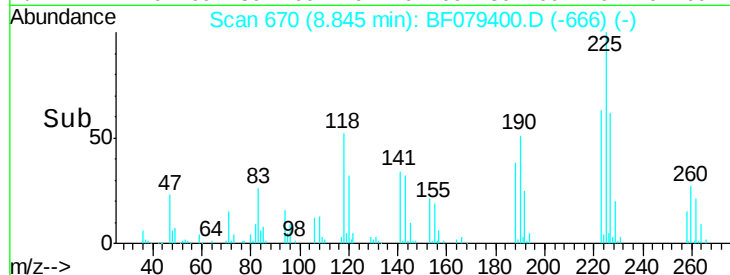
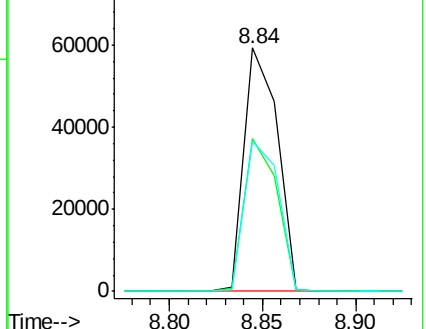
227 61.5 52.1 78.1



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: 44.46 ng

RT: 9.21 min Scan# 702

Delta R.T. -0.05 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

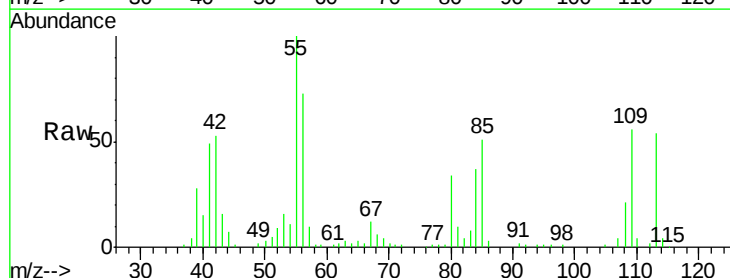
Tgt Ion:113 Resp: 41113

Ion Ratio Lower Upper

113 100

55 185.4 176.0 216.0

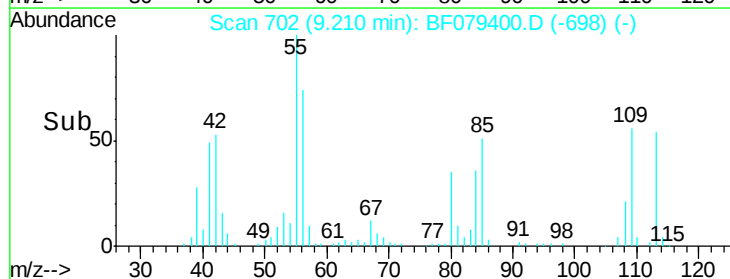
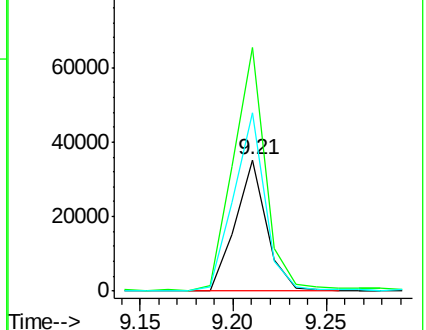
56 136.1 123.8 163.8

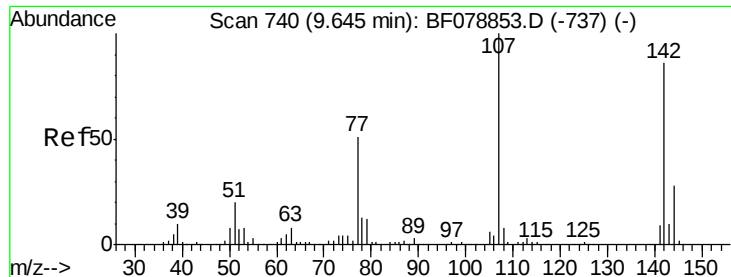


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

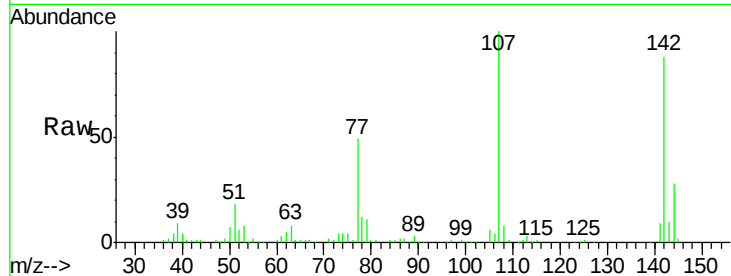




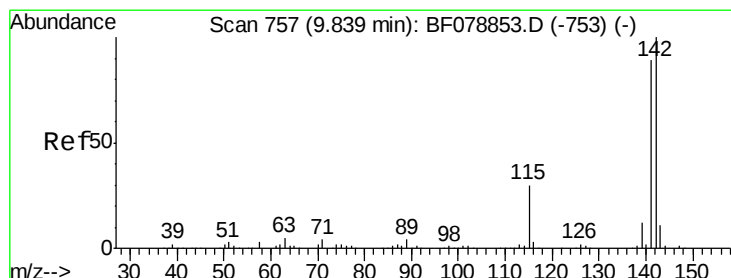
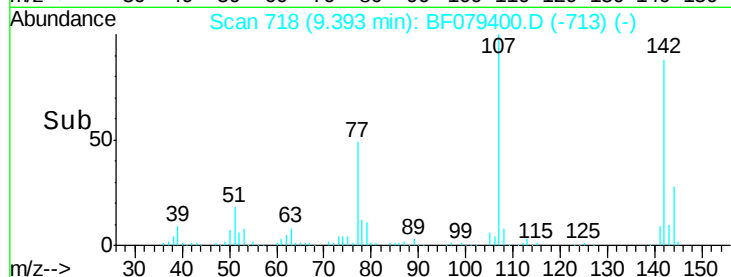
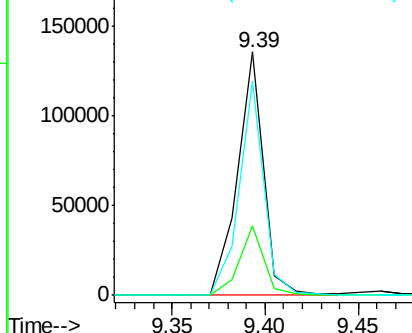
#36
 4-Chloro-3-methylphenol
 Concen: 44.12 ng
 RT: 9.39 min Scan# 718
 Delta R.T. -0.03 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:107 Resp: 132525
 Ion Ratio Lower Upper
 107 100
 144 28.4 22.5 33.7
 142 87.7 68.6 103.0

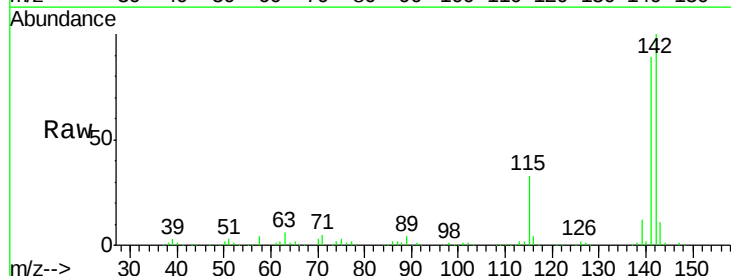


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

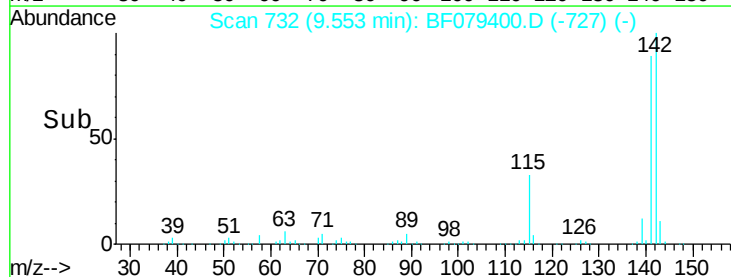
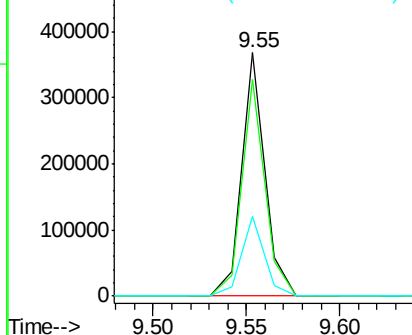


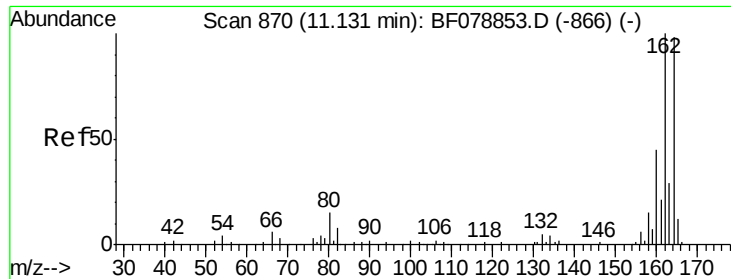
#37
 2-Methylnaphthalene
 Concen: 43.13 ng
 RT: 9.55 min Scan# 732
 Delta R.T. -0.03 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Tgt Ion:142 Resp: 320632
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.6 107.4
 115 32.7 24.2 36.4



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

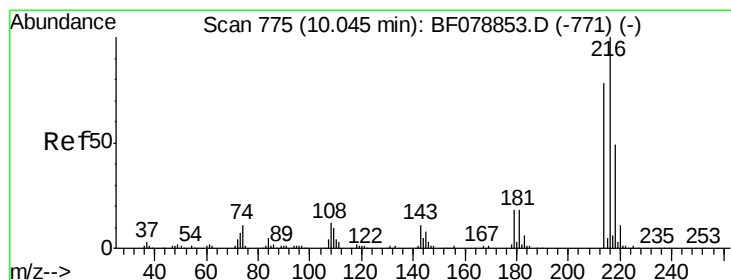
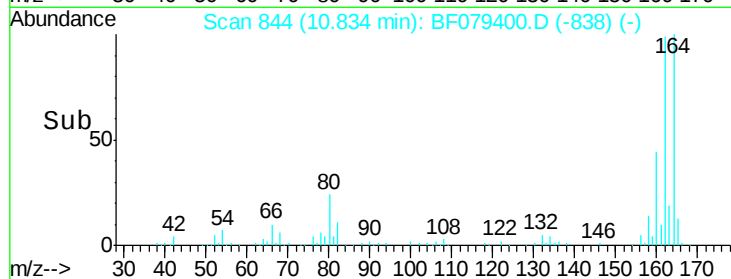
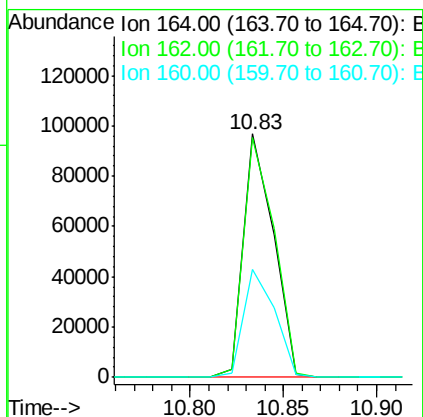
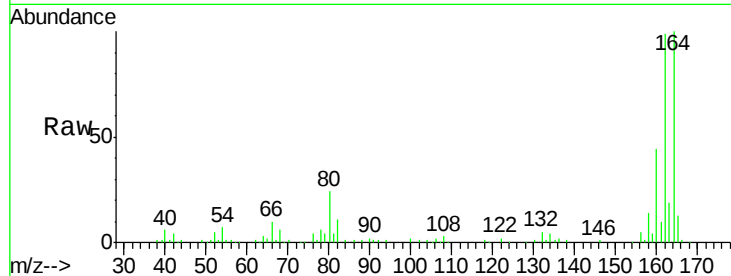




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.05 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

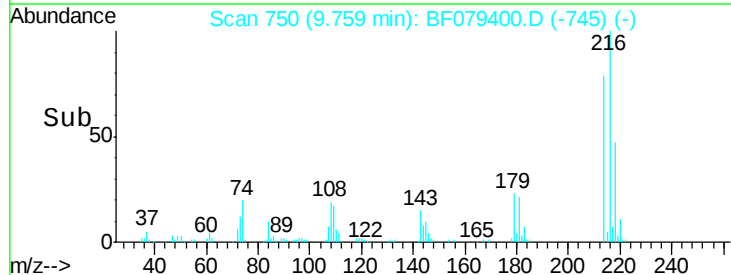
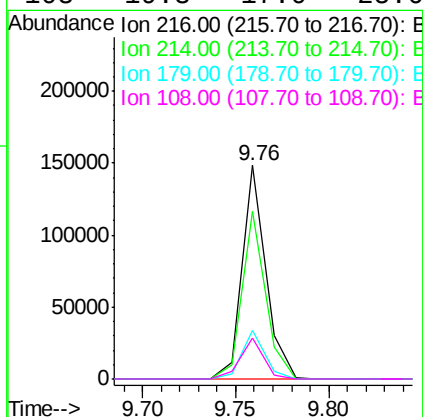
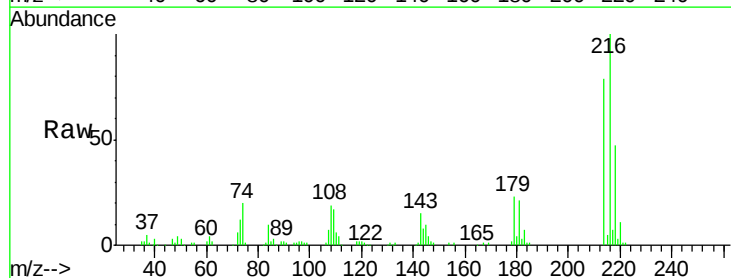
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

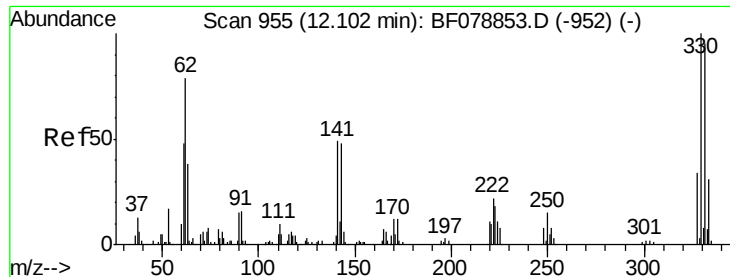
Tot Ion:164 Resp: 108235
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 44.1 36.6 54.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.97 ng
RT: 9.76 min Scan# 750
Delta R.T. -0.05 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Tgt Ion:216 Resp: 130987
Ion Ratio Lower Upper
216 100
214 78.3 64.0 96.0
179 22.2 17.0 25.4
108 19.3 17.0 25.6

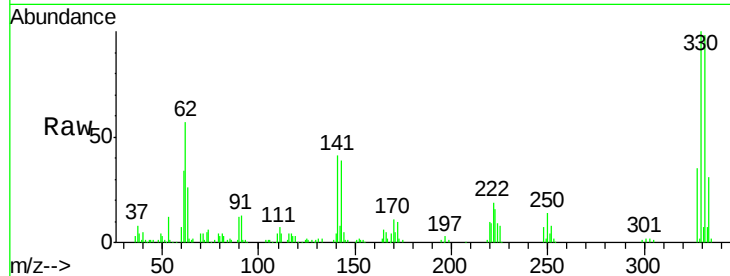




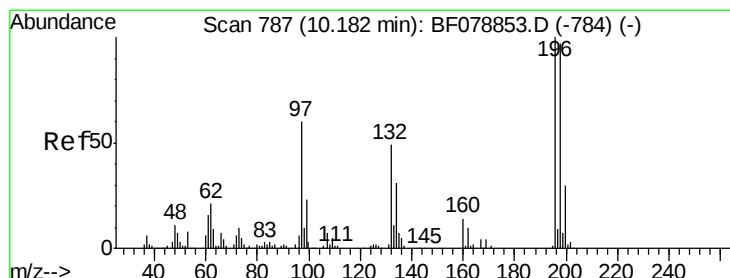
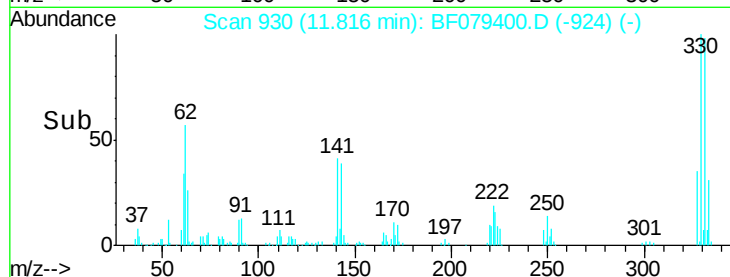
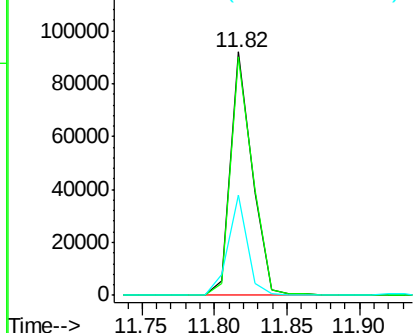
#41
 2,4,6-Tribromophenol
 Concen: 82.33 ng
 RT: 11.82 min Scan# 930
 Delta R.T. -0.05 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 96397
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.9 115.3
 141 36.6 27.8 41.8

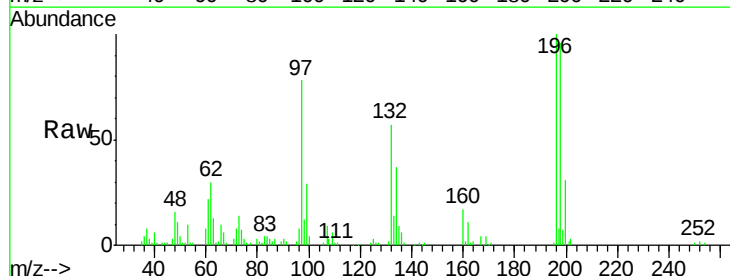


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

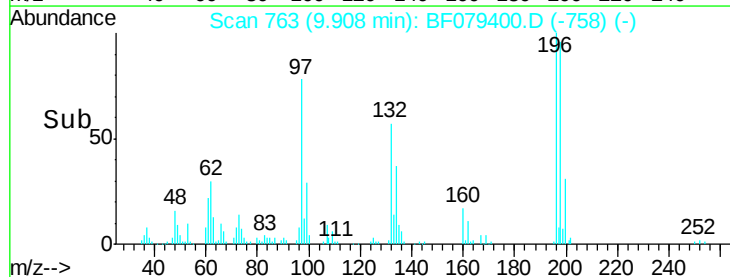
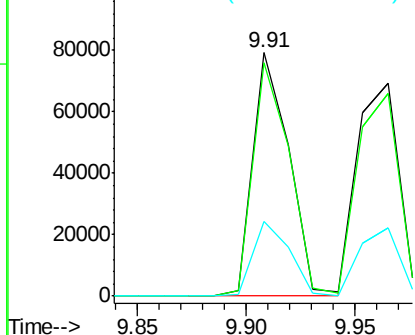


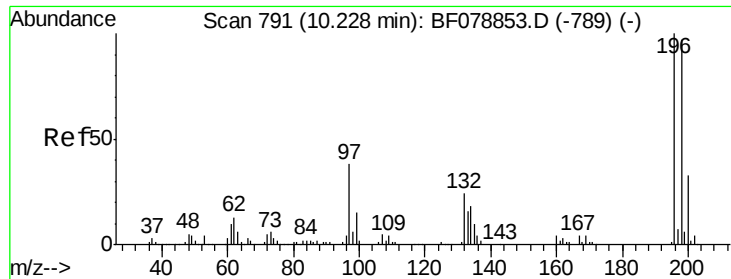
#42
 2,4,6-Trichlorophenol
 Concen: 43.83 ng
 RT: 9.91 min Scan# 763
 Delta R.T. -0.05 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Tgt Ion:196 Resp: 91859
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.4 116.2
 200 30.9 23.7 35.5



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

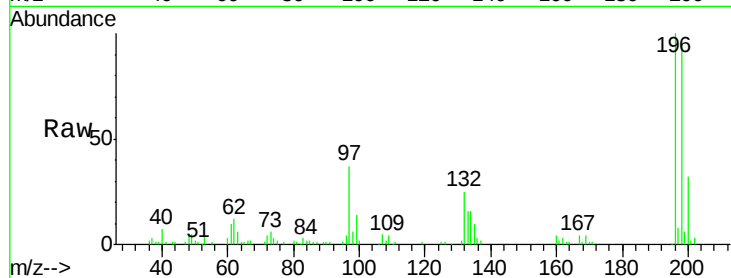




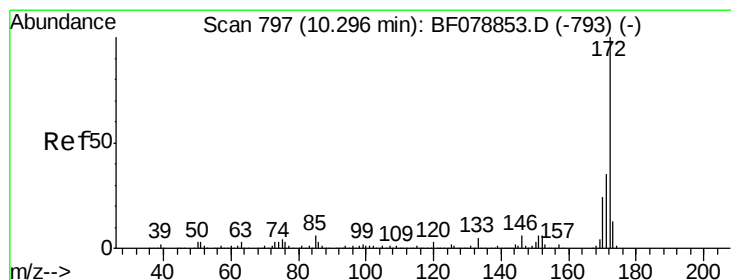
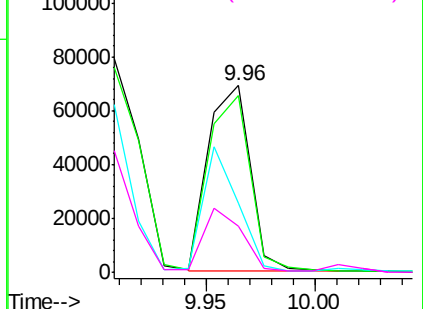
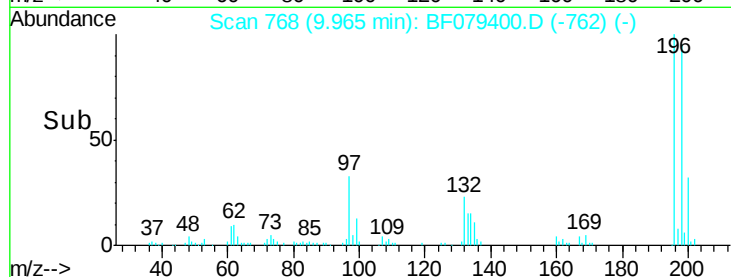
#43
 2,4,5-Trichlorophenol
 Concen: 43.71 ng
 RT: 9.96 min Scan# 768
 Delta R.T. -0.03 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 92615
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.3 115.9
 97 37.0 31.3 46.9
 132 24.7 19.7 29.5

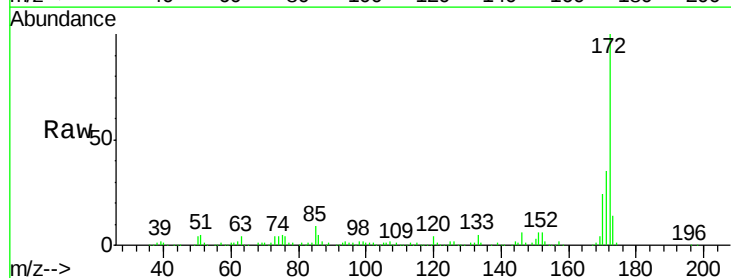


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

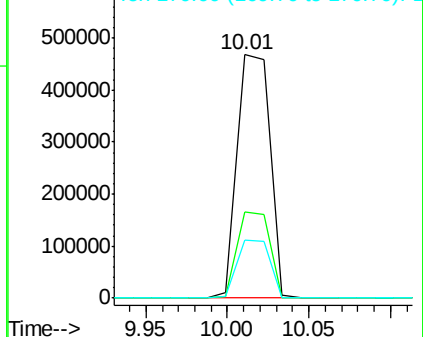
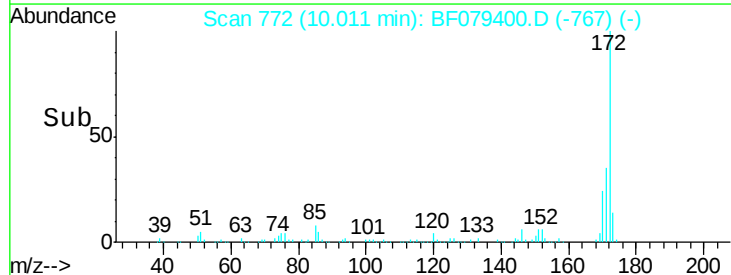


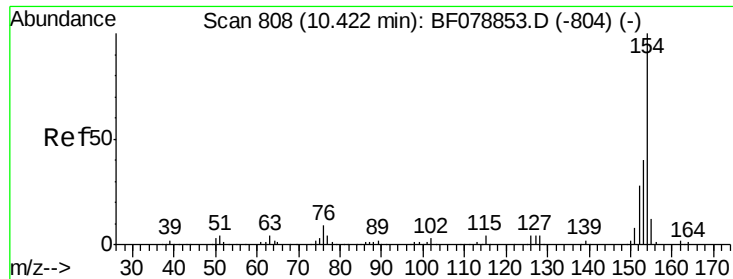
#44
 2-Fluorobiphenyl
 Concen: 83.26 ng
 RT: 10.01 min Scan# 772
 Delta R.T. -0.05 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Tgt Ion:172 Resp: 646822
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 24.1 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

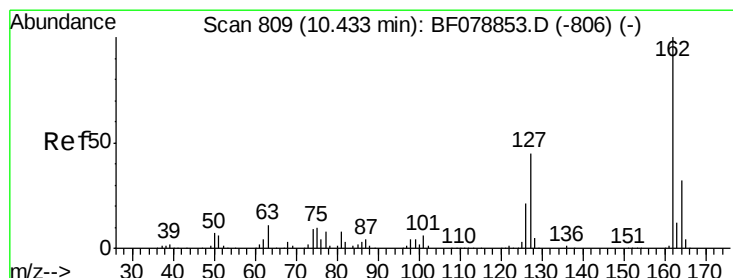
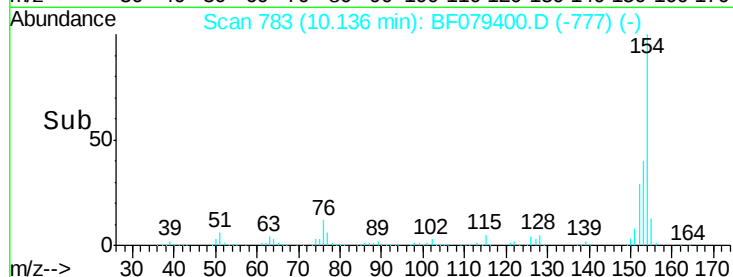
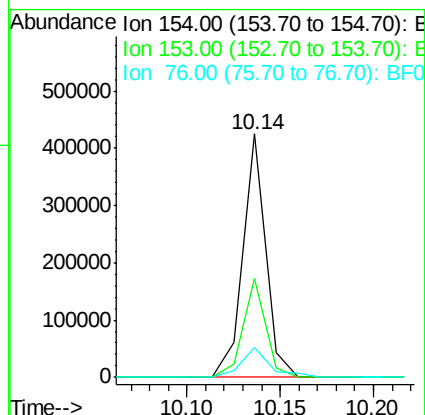
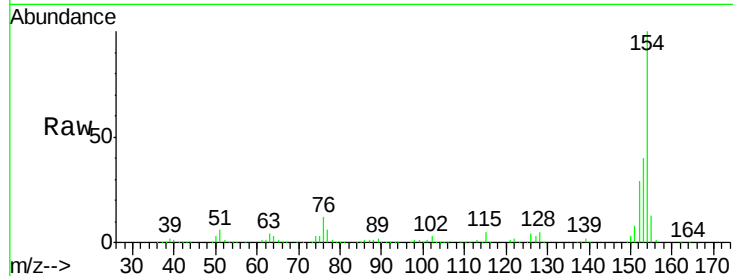




#45
 1,1'-Biphenyl
 Concen: 42.32 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.03 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

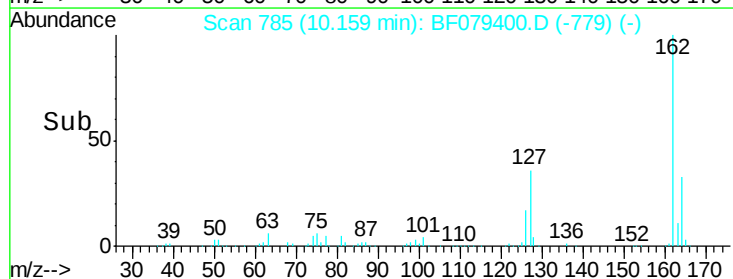
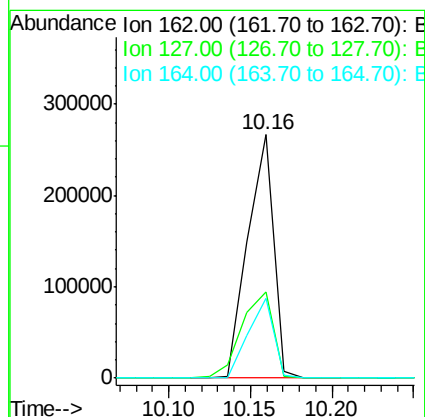
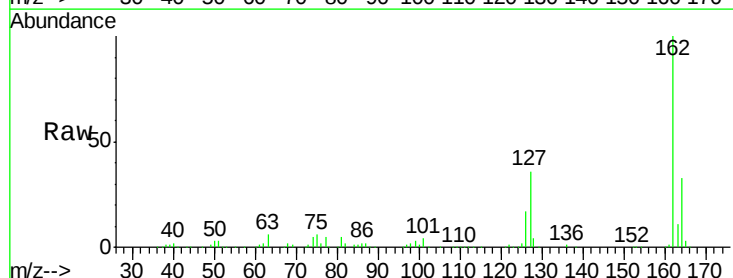
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

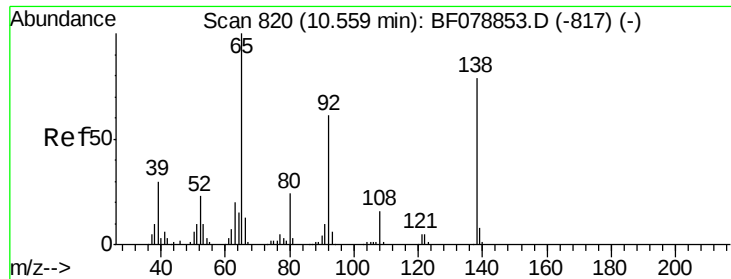
Tot Ion:154 Resp: 364108
 Ion Ratio Lower Upper
 154 100
 153 40.4 19.7 59.7
 76 12.1 0.0 29.1



#46
 2-Chloronaphthalene
 Concen: 43.47 ng
 RT: 10.16 min Scan# 785
 Delta R.T. -0.03 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Tgt Ion:162 Resp: 291767
 Ion Ratio Lower Upper
 162 100
 127 35.5 36.3 54.5#
 164 32.6 25.9 38.9

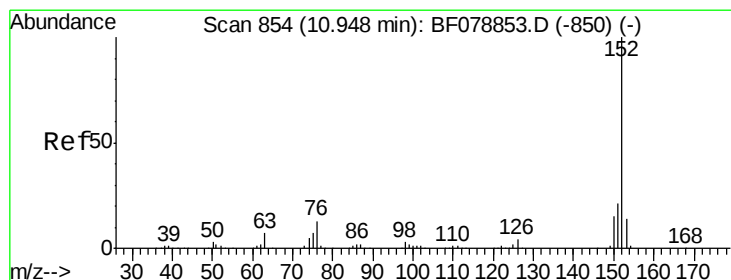
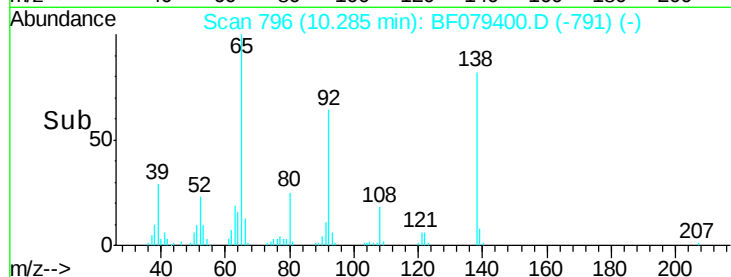
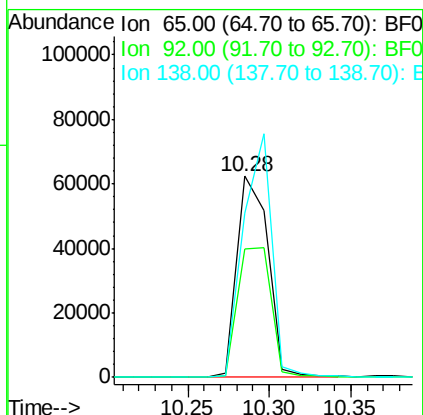
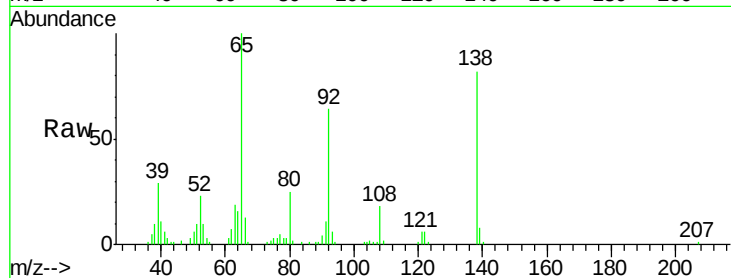




#47
2-Nitroaniline
Concen: 42.25 ng
RT: 10.28 min Scan# 796
Delta R.T. -0.05 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

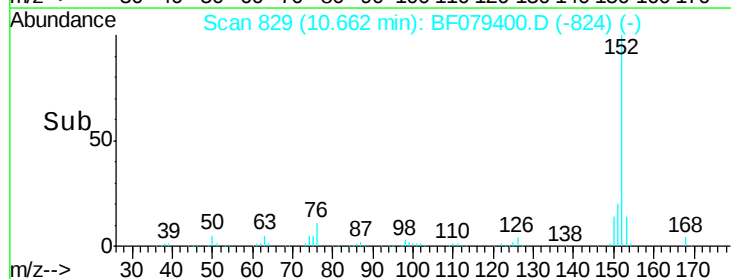
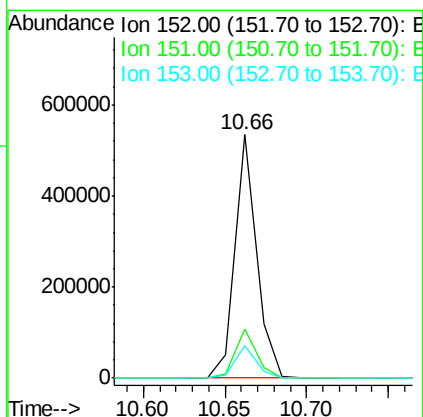
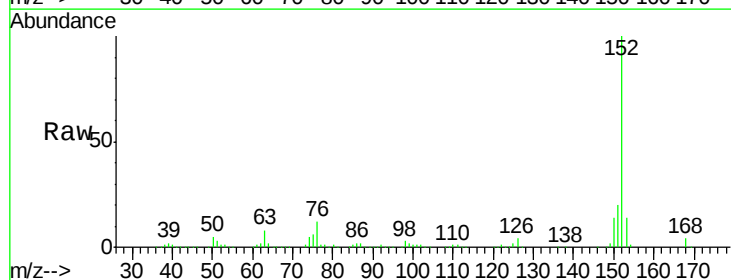
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

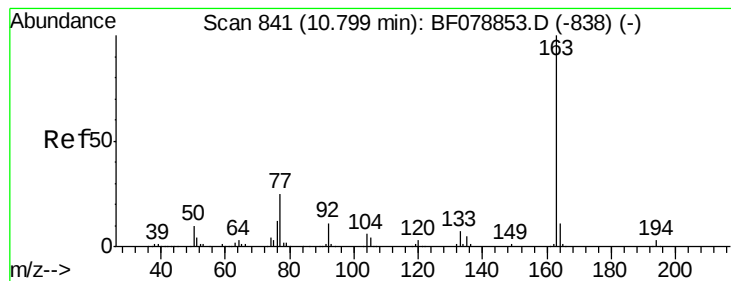
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.9	49.1	73.7
138	81.7	63.2	94.8



#48
Acenaphthylene
Concen: 44.11 ng
RT: 10.66 min Scan# 829
Delta R.T. -0.05 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.6	24.8
153	13.5	11.0	16.6





#49

Dimethylphthalate

Concen: 41.72 ng

RT: 10.52 min Scan# 817

Delta R.T. -0.05 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

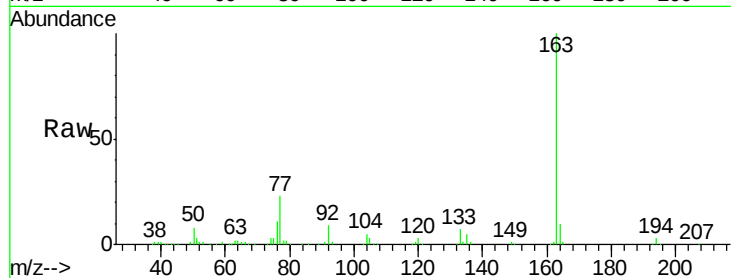
Tot Ion:163 Resp: 331397

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

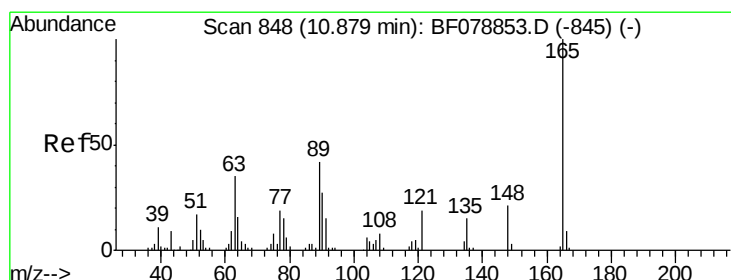
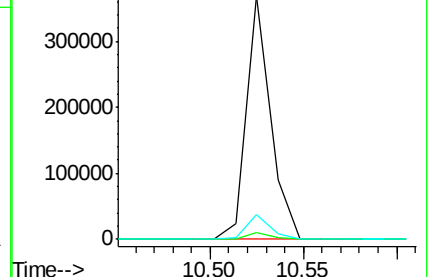
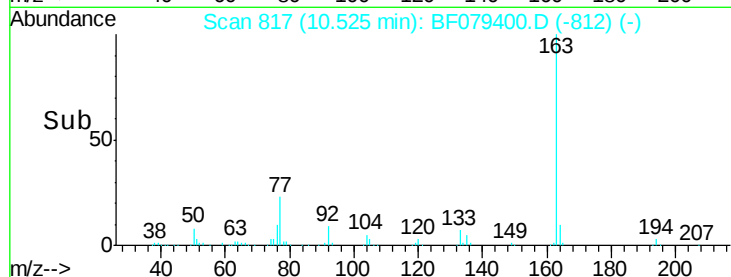
164 10.2 8.6 12.8



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: 30.74 ng

RT: 10.60 min Scan# 824

Delta R.T. -0.03 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

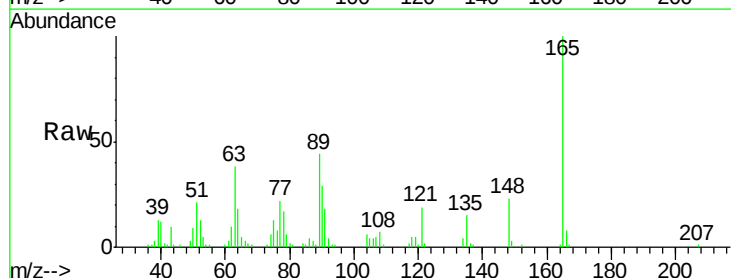
Tgt Ion:165 Resp: 48192

Ion Ratio Lower Upper

165 100

63 37.8 29.2 43.8

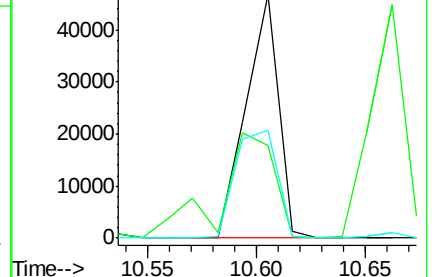
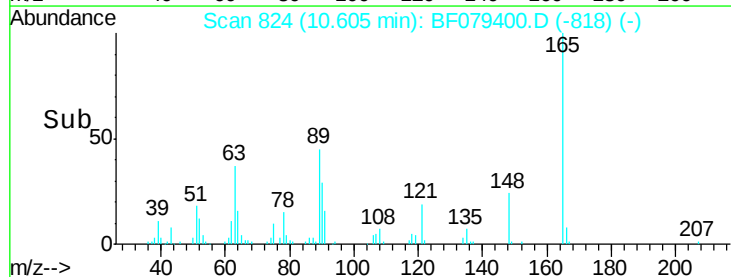
89 44.3 33.3 49.9

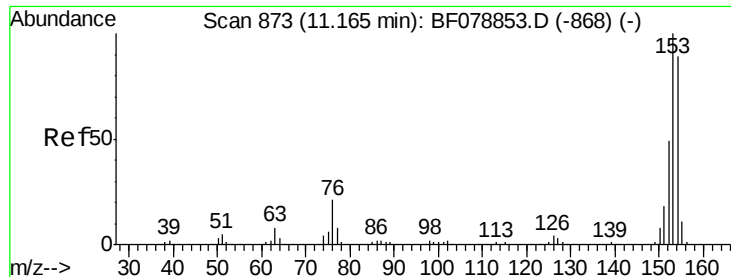


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.01 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

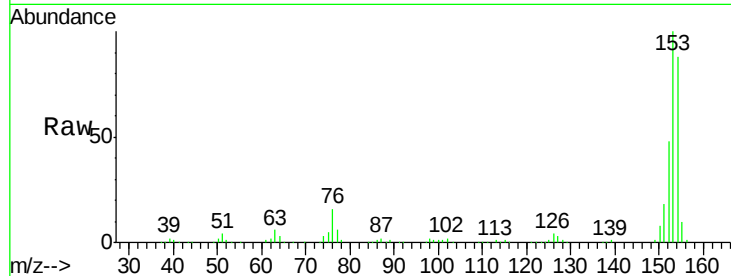
Tot Ion:154 Resp: 276094

Ion Ratio Lower Upper

154 100

153 114.2 90.2 135.2

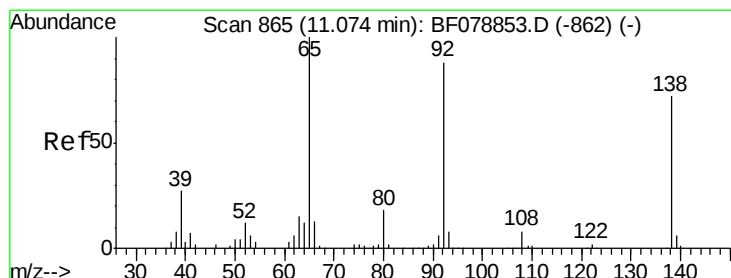
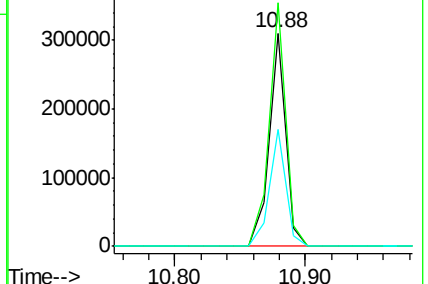
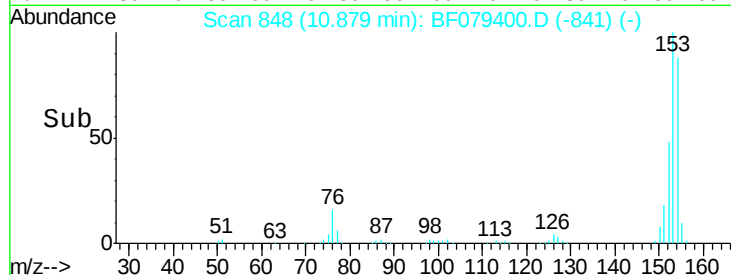
152 54.6 43.8 65.8



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: 48.55 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.05 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

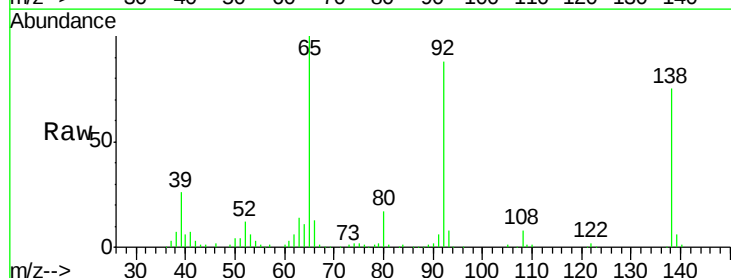
Tgt Ion:138 Resp: 95080

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

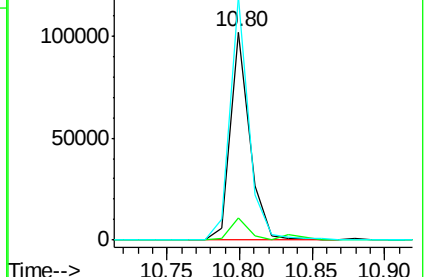
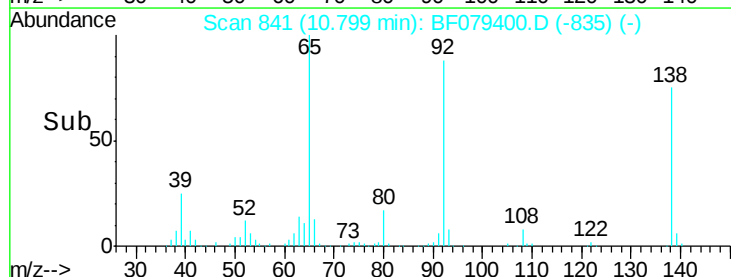
92 117.0 97.4 146.0

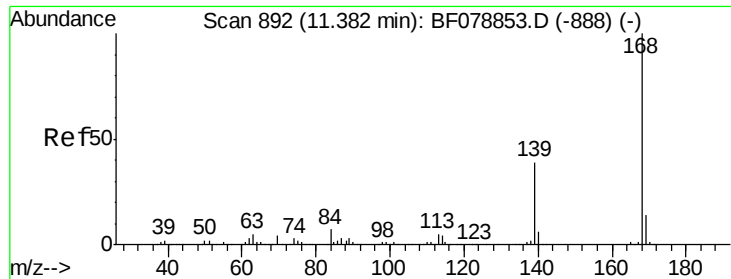


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

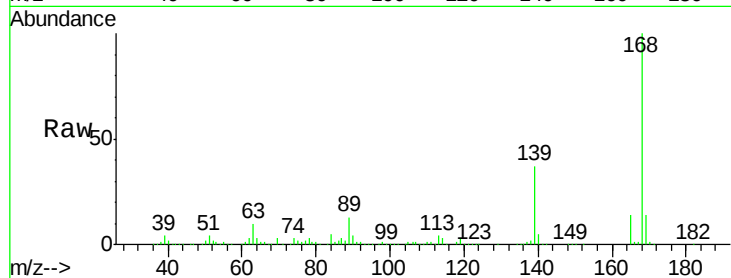




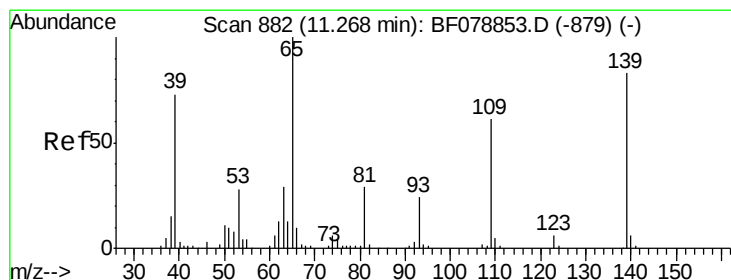
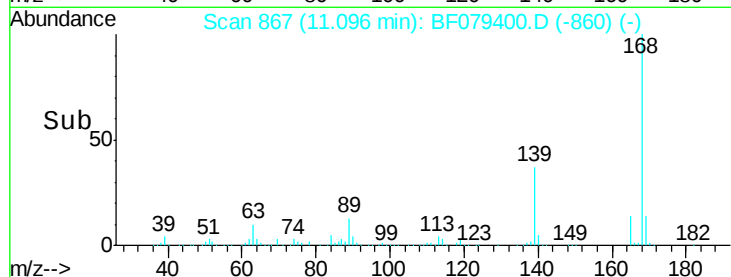
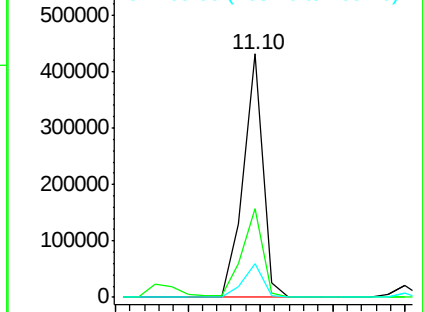
#54
Dibenzofuran
Concen: 42.61 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 404440
Ion Ratio Lower Upper
168 100
139 36.7 31.5 47.3
169 13.6 11.0 16.4

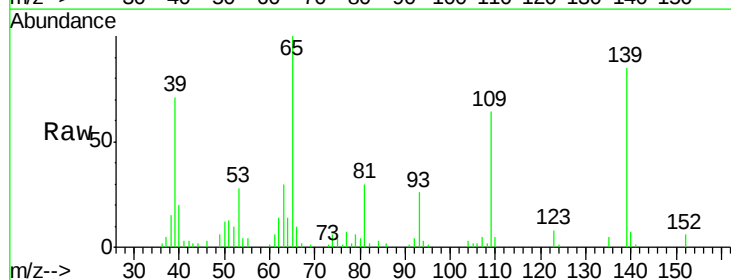


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

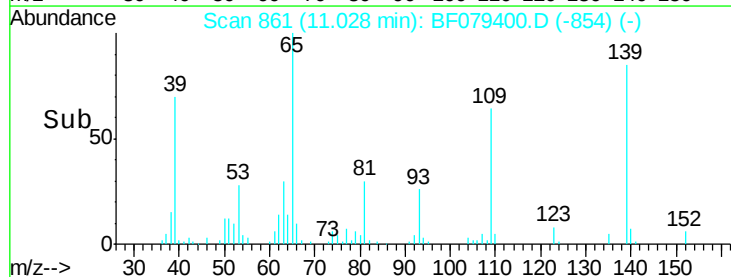
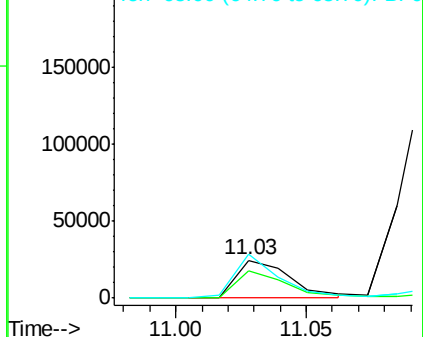


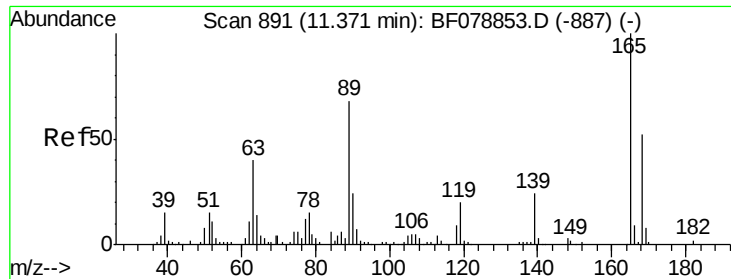
#55
4-Nitrophenol
Concen: 22.73 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.03 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Tgt Ion:139 Resp: 35227
Ion Ratio Lower Upper
139 100
109 74.4 54.4 94.4
65 117.0 101.0 141.0



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

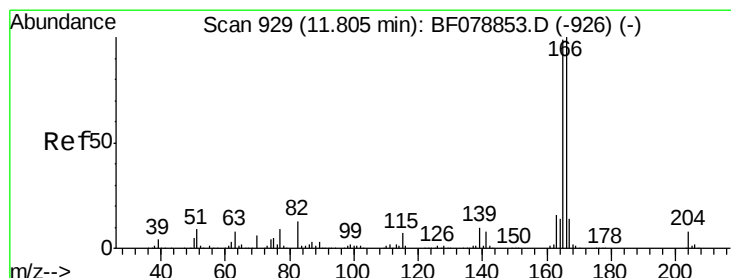
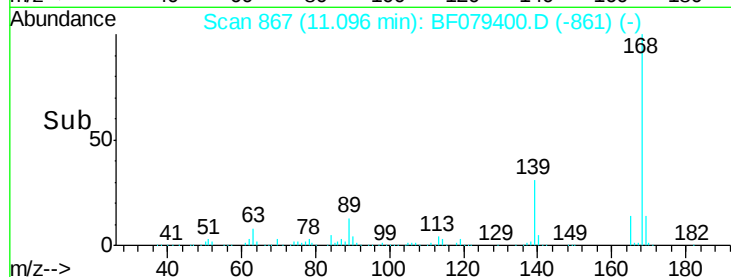
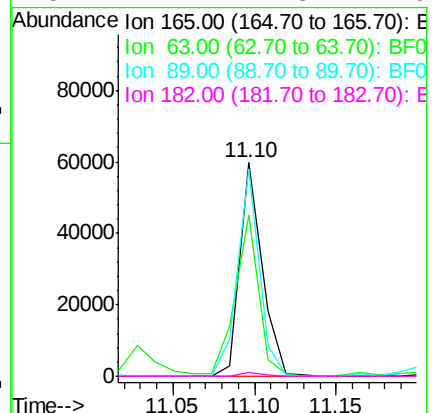
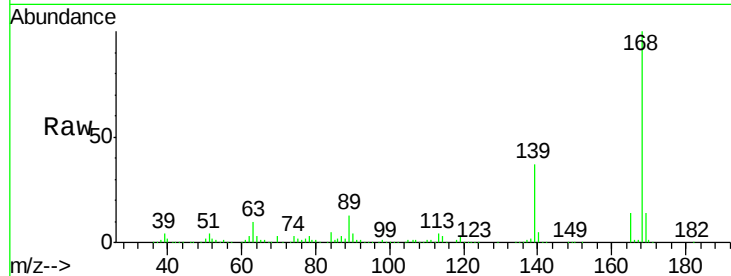




#56
2,4-Dinitrotoluene
Concen: 27.15 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.05 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

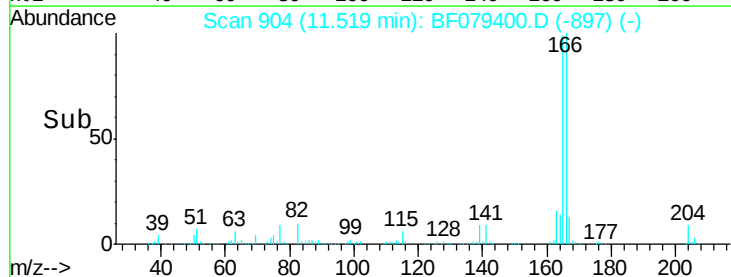
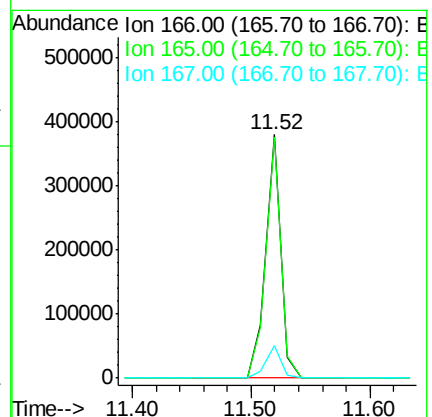
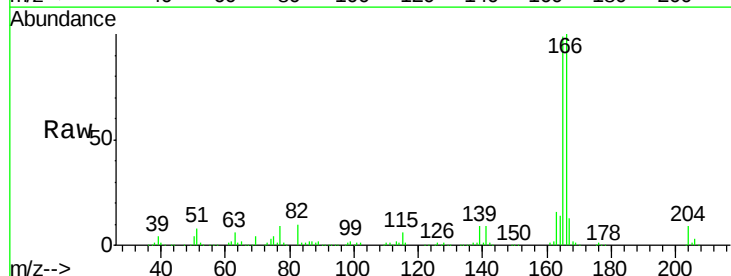
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

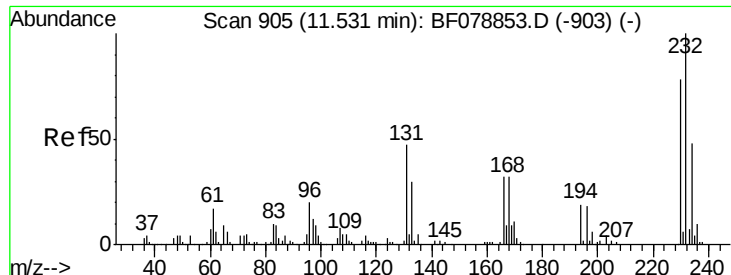
Tot Ion	Ratio	Lower	Upper
165	100		
63	75.5	32.3	48.5#
89	97.1	54.6	81.8#
182	2.1	1.8	2.6



#57
Fluorene
Concen: 43.93 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.5	119.3
167	13.1	11.0	16.6

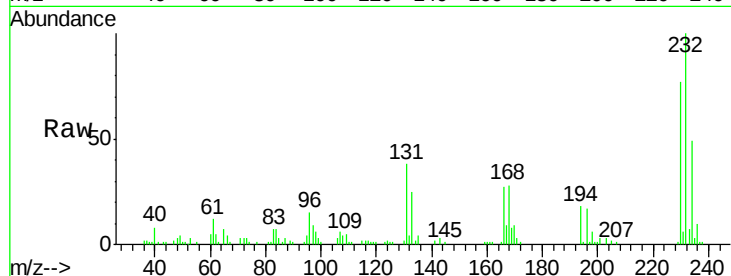




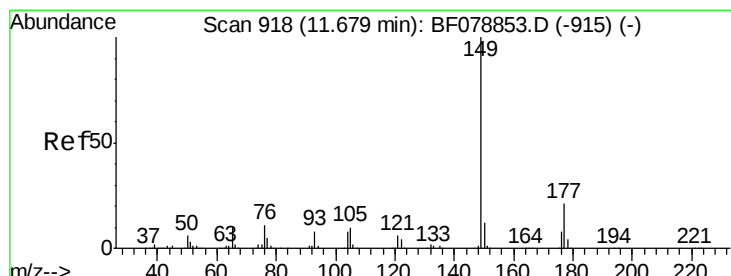
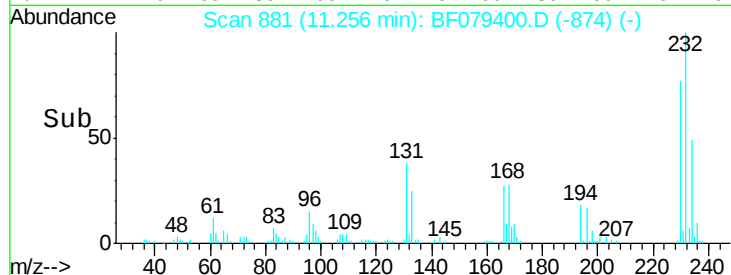
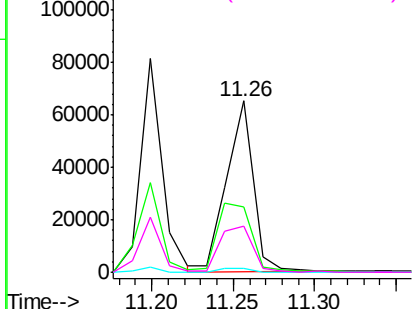
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.22 ng
 RT: 11.26 min Scan# 881
 Delta R.T. -0.03 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:232 Resp: 73098
 Ion Ratio Lower Upper
 232 100
 131 51.7 41.9 62.9
 130 2.6 1.9 2.9
 166 33.7 27.0 40.6

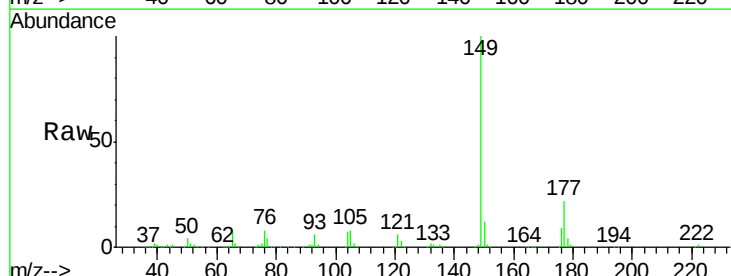


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

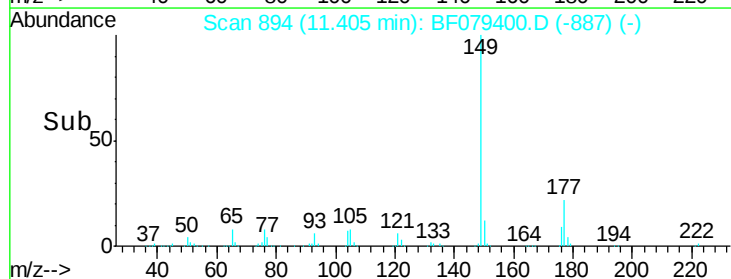
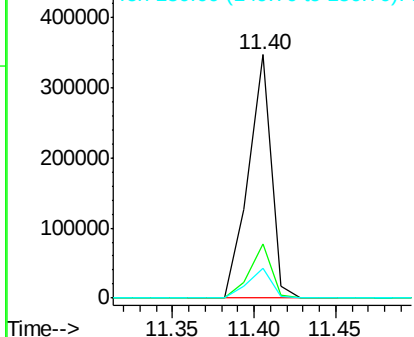


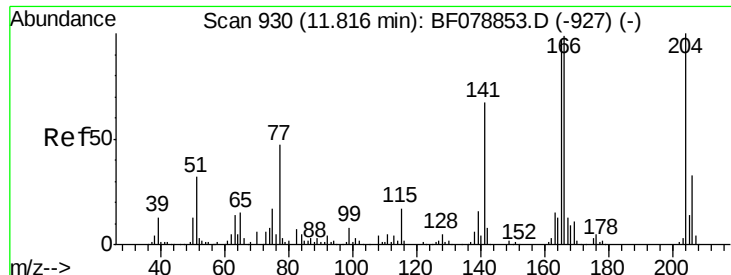
#59
 Diethylphthalate
 Concen: 42.99 ng
 RT: 11.40 min Scan# 894
 Delta R.T. -0.03 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Tgt Ion:149 Resp: 338312
 Ion Ratio Lower Upper
 149 100
 177 22.4 16.4 24.6
 150 12.2 9.8 14.6



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

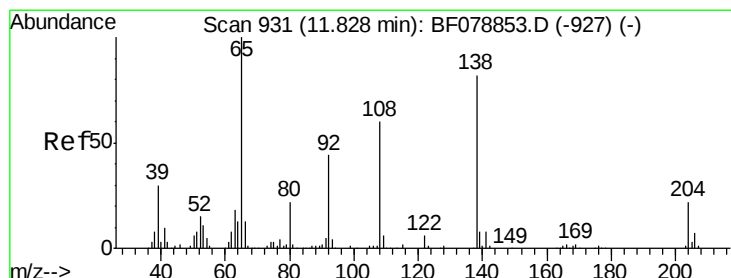
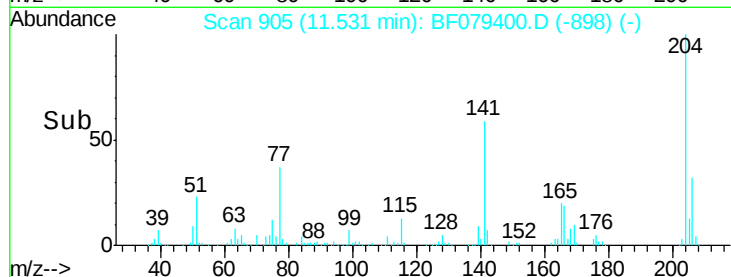
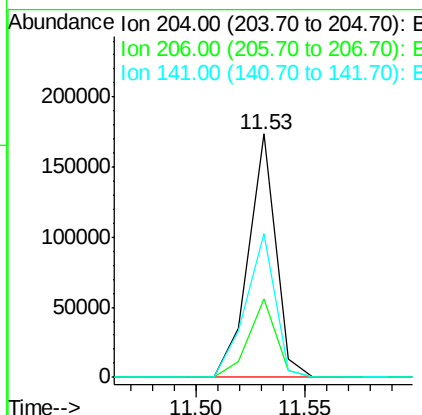
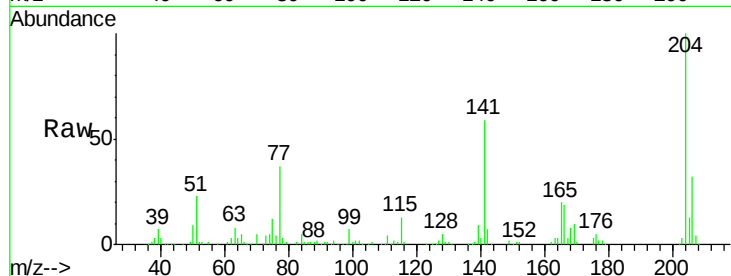




#60
 4-Chlorophenyl-phenylether
 Concen: 43.88 ng
 RT: 11.53 min Scan# 905
 Delta R.T. -0.03 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

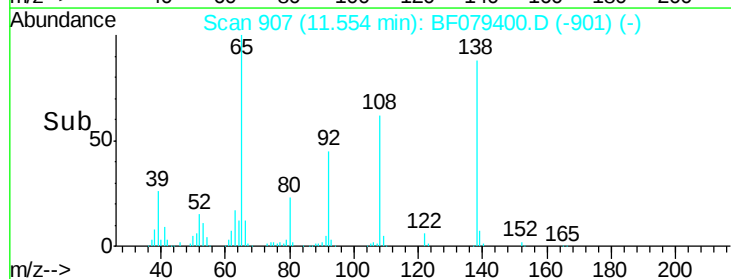
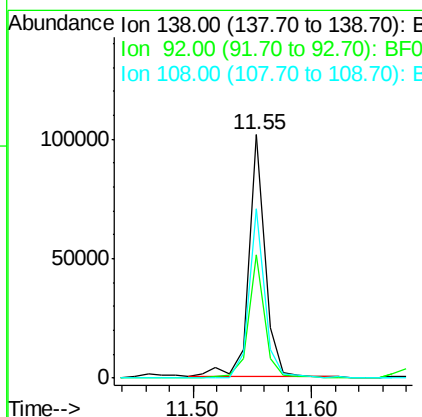
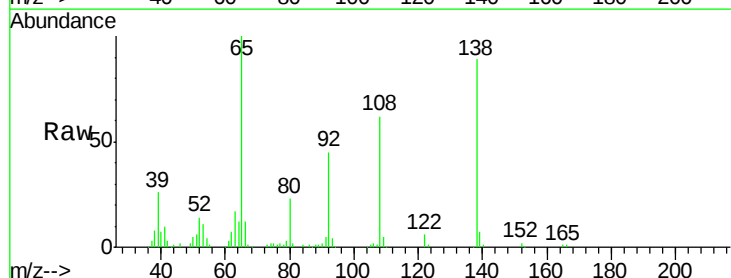
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

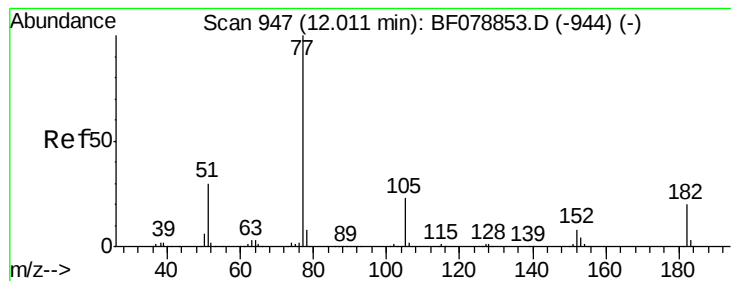
Tot Ion:204 Resp: 151650
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.2 39.4
 141 59.2 53.6 80.4



#61
 4-Nitroaniline
 Concen: 49.88 ng
 RT: 11.55 min Scan# 907
 Delta R.T. -0.05 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Tgt Ion:138 Resp: 97723
 Ion Ratio Lower Upper
 138 100
 92 50.5 33.7 73.7
 108 69.8 53.4 93.4





#62

Azobenzene

Concen: 41.78 ng

RT: 11.73 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 323981

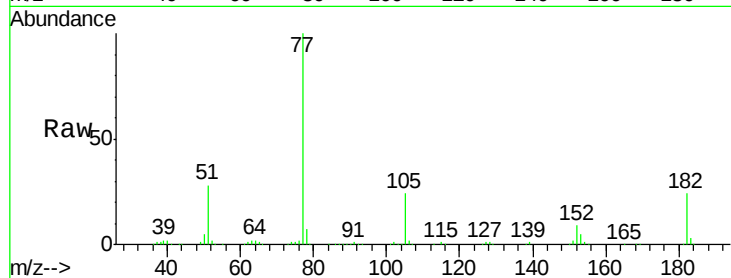
Ion Ratio Lower Upper

77 100

182 23.6 0.0 40.0

105 24.0 2.9 42.9

51 28.1 10.0 50.0

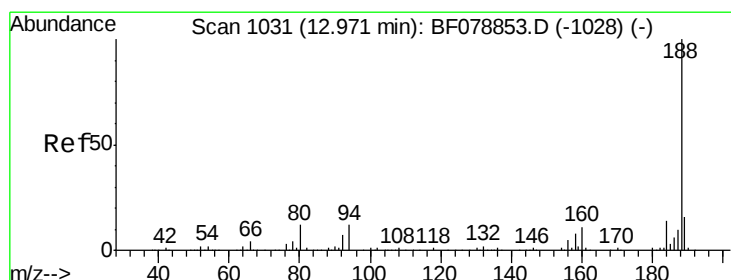
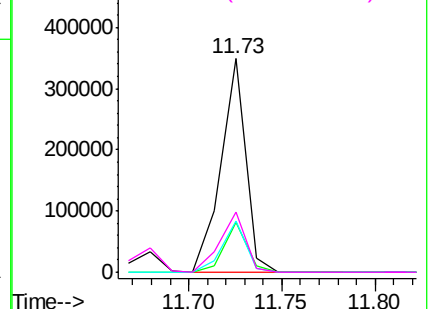
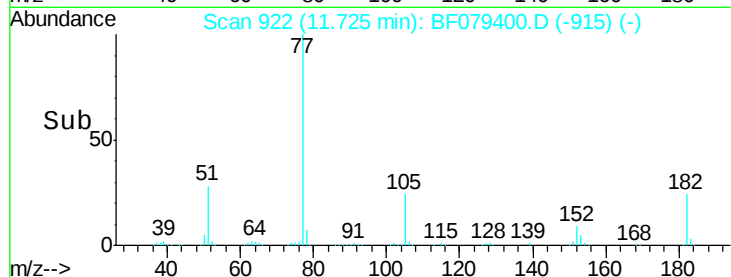


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.67 min Scan# 1005

Delta R.T. -0.05 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

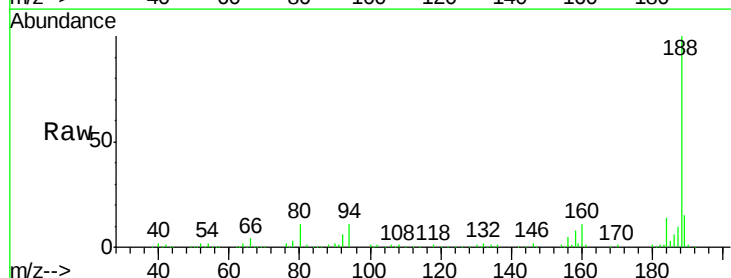
Tgt Ion: 188 Resp: 210313

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.0

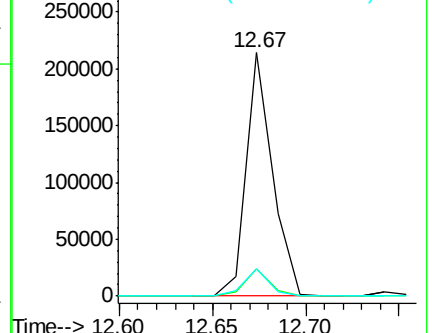
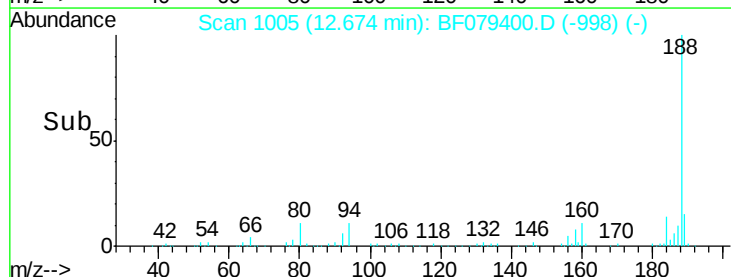
80 11.3 9.8 14.6

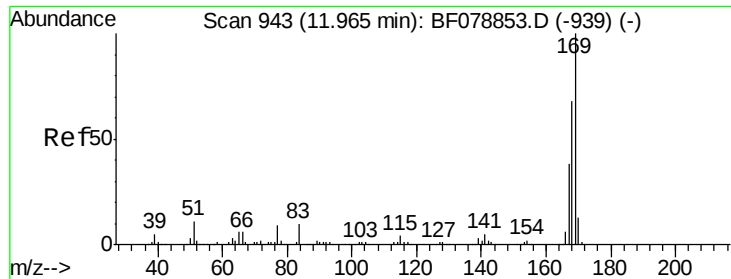


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 42.81 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.03 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

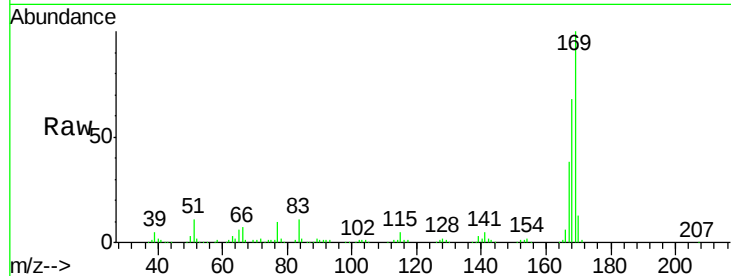
Tot Ion:169 Resp: 299860

Ion Ratio Lower Upper

169 100

168 68.2 54.1 81.1

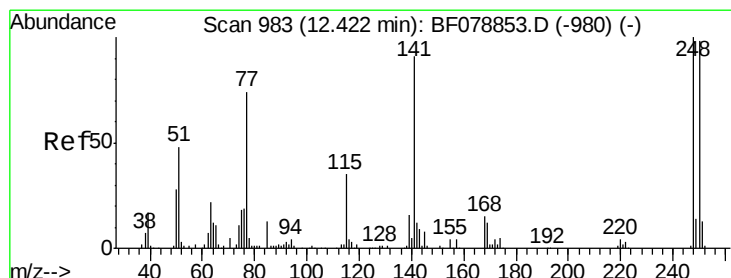
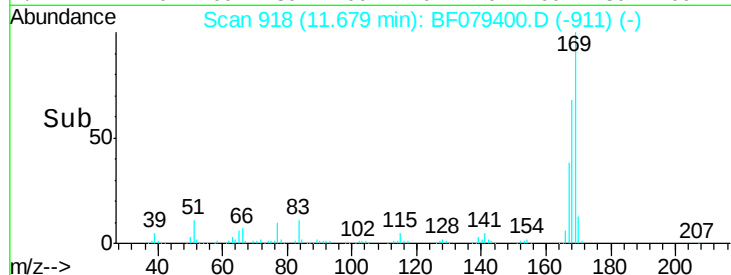
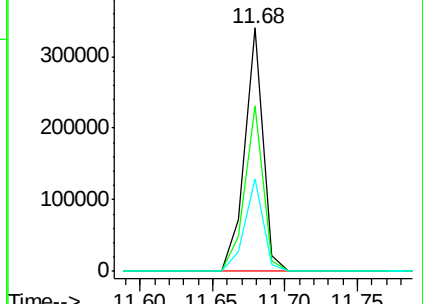
167 38.1 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.01 ng

RT: 12.14 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

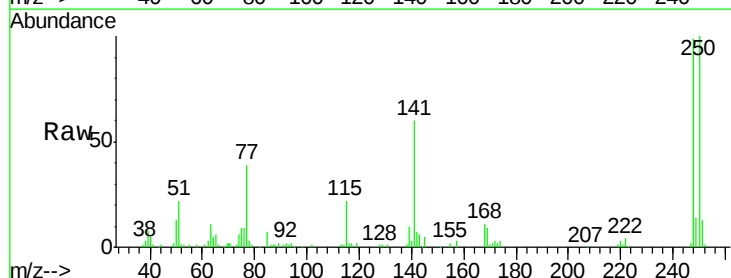
Tgt Ion:248 Resp: 89902

Ion Ratio Lower Upper

248 100

250 101.4 78.0 117.0

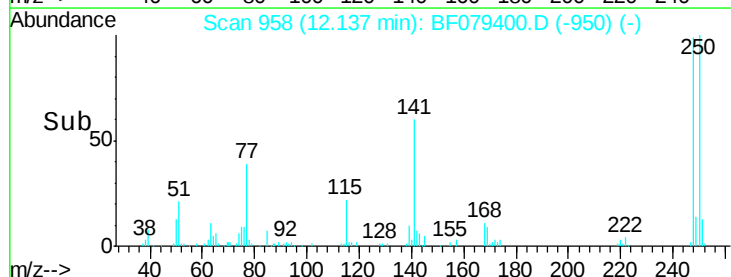
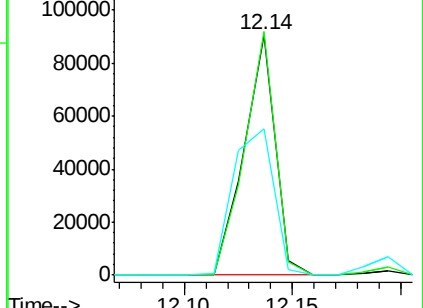
141 61.0 72.6 109.0#

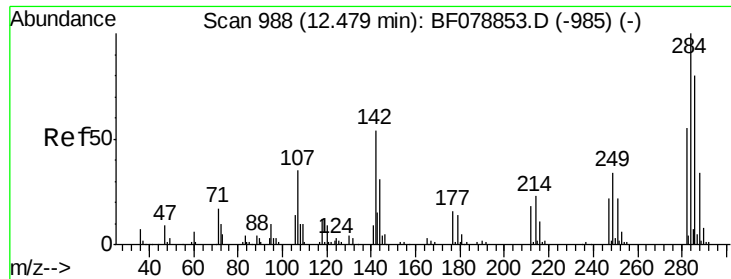


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

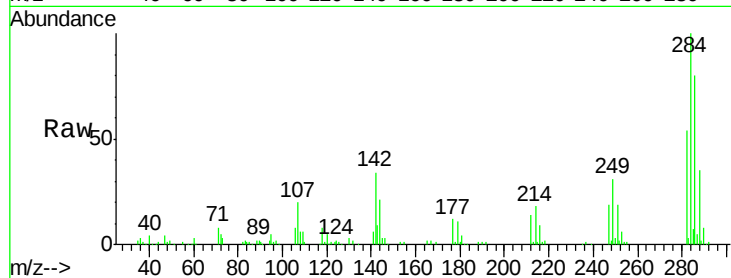




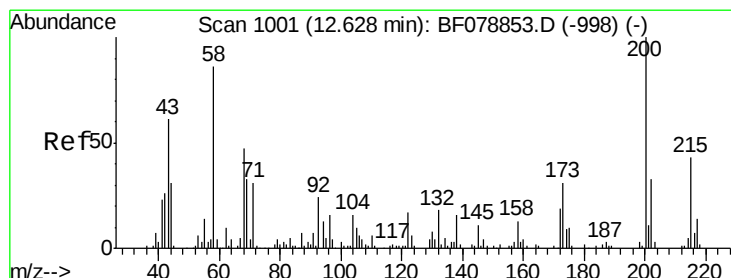
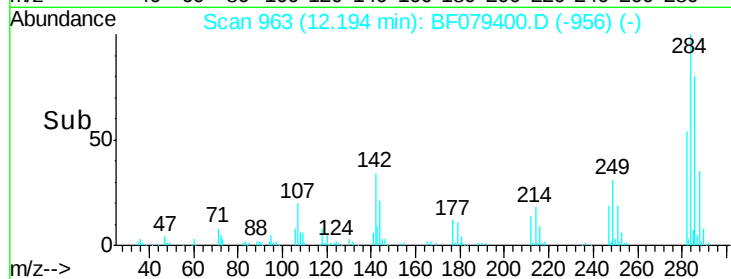
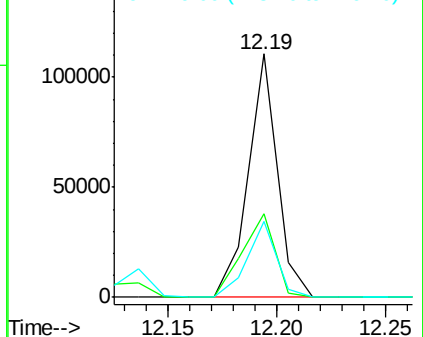
#67
Hexachlorobenzene
Concen: 40.79 ng
RT: 12.19 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 102206
Ion Ratio Lower Upper
284 100
142 34.5 43.2 64.8#
249 31.0 27.5 41.3

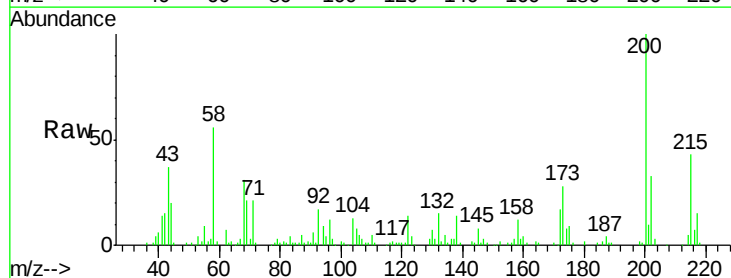


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

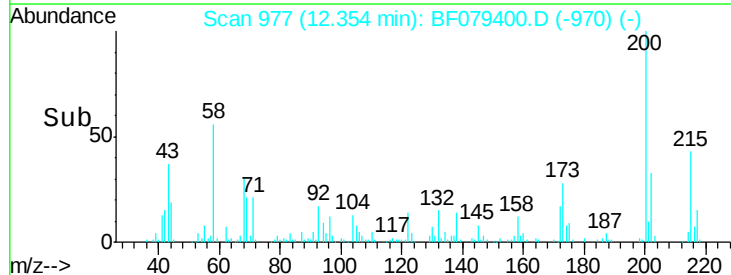
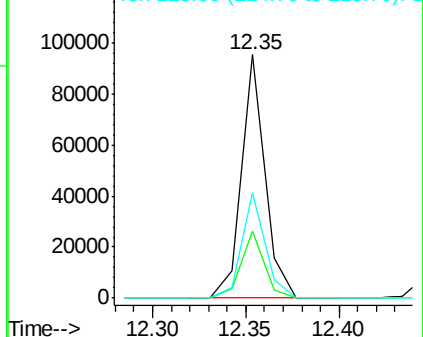


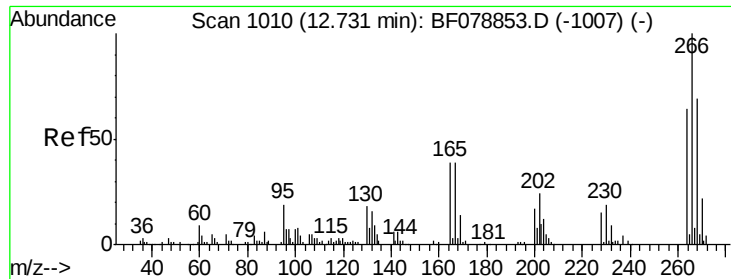
#68
Atrazine
Concen: 41.09 ng
RT: 12.35 min Scan# 977
Delta R.T. -0.05 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Tgt Ion:200 Resp: 83696
Ion Ratio Lower Upper
200 100
173 27.5 10.9 50.9
215 43.3 23.2 63.2



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

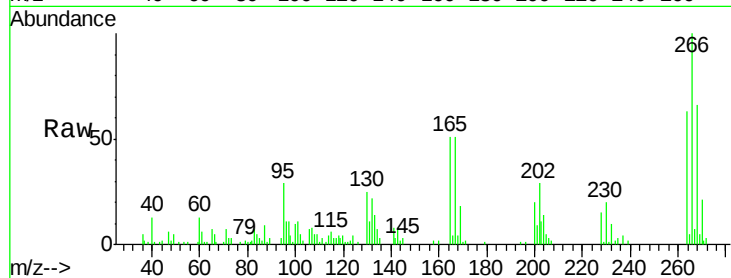




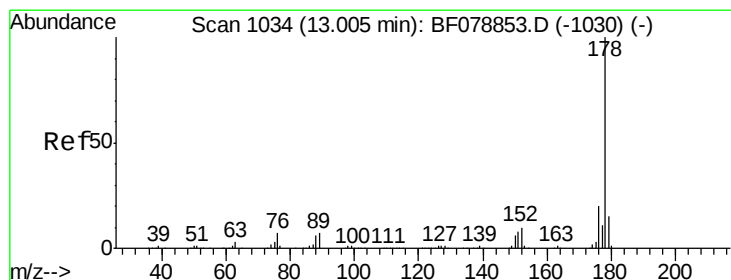
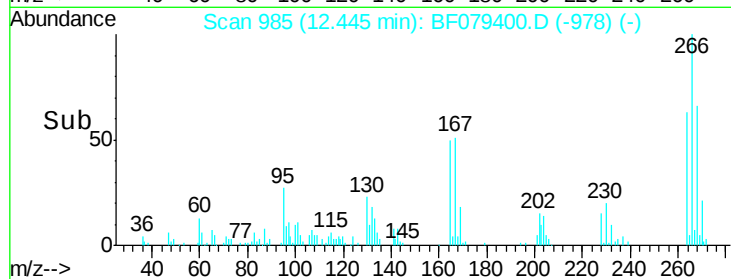
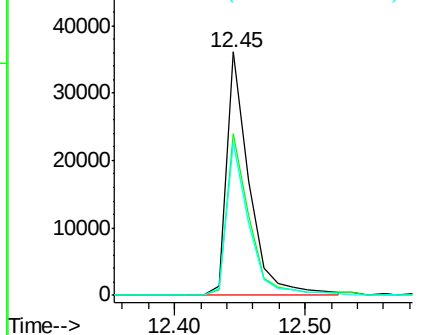
#69
 Pentachlorophenol
 Concen: 34.03 ng
 RT: 12.45 min Scan# 985
 Delta R.T. -0.05 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.5	55.0	82.6
264	62.9	50.9	76.3

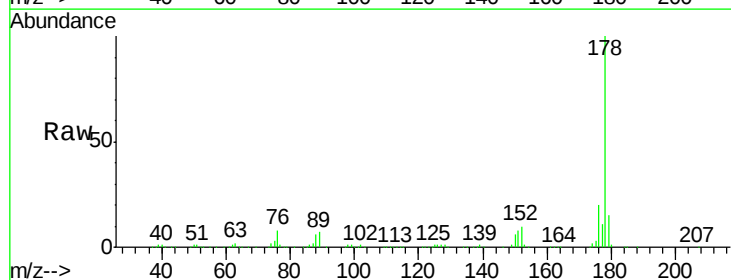


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

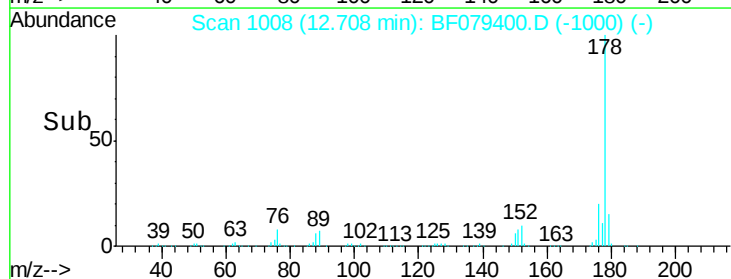
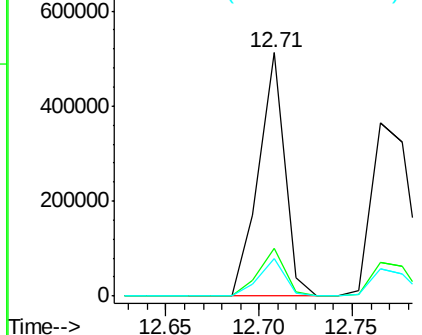


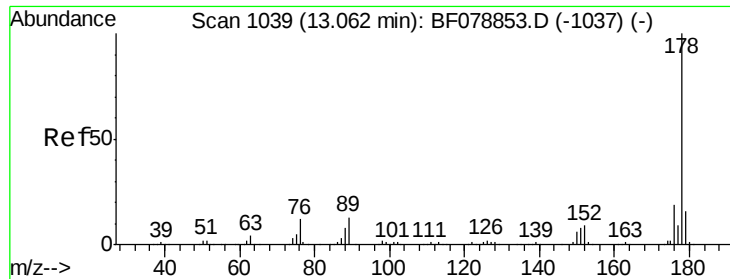
#70
 Phenanthrene
 Concen: 42.39 ng
 RT: 12.71 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.3	12.2	18.4



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

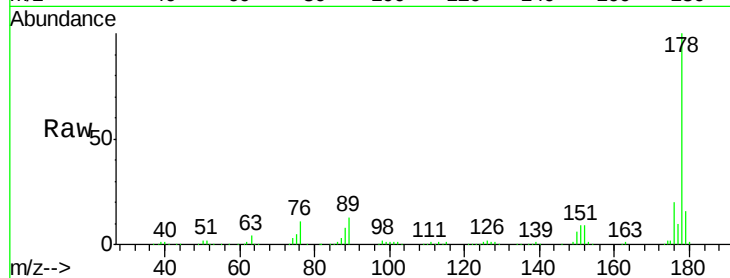




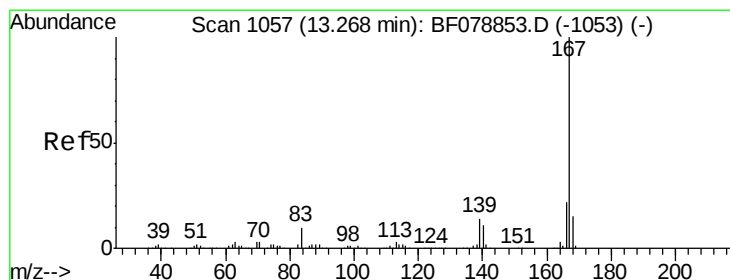
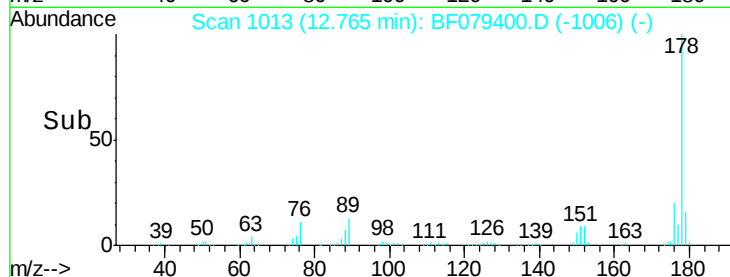
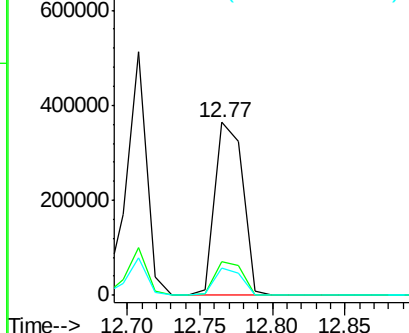
#71
 Anthracene
 Concen: 42.35 ng
 RT: 12.77 min Scan# 1013
 Delta R.T. -0.05 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 488883
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 15.7 12.6 19.0

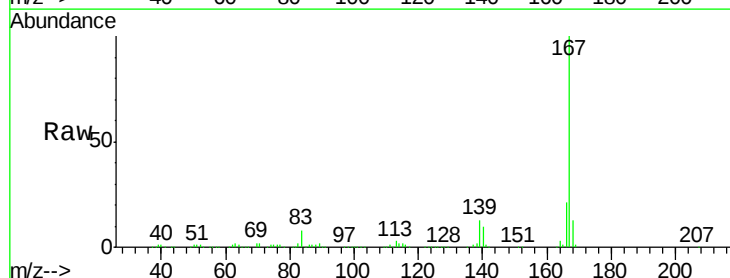


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

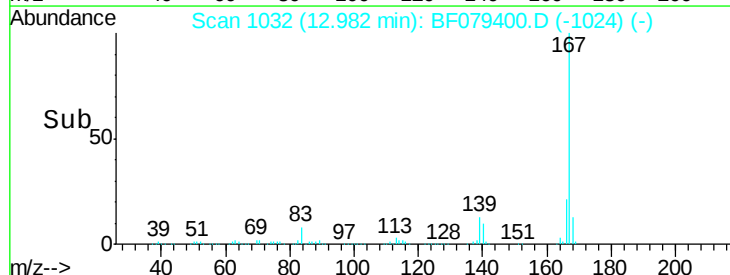
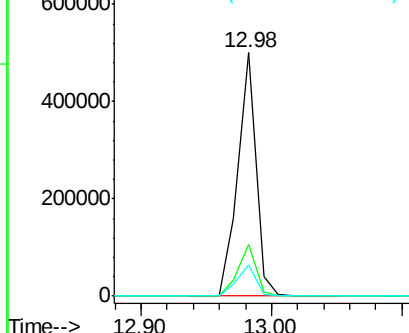


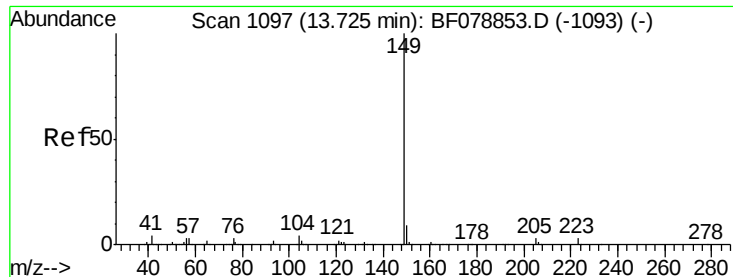
#72
 Carbazole
 Concen: 44.12 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Tgt Ion:167 Resp: 485439
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.0 11.0 16.4



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: 43.80 ng

RT: 13.43 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

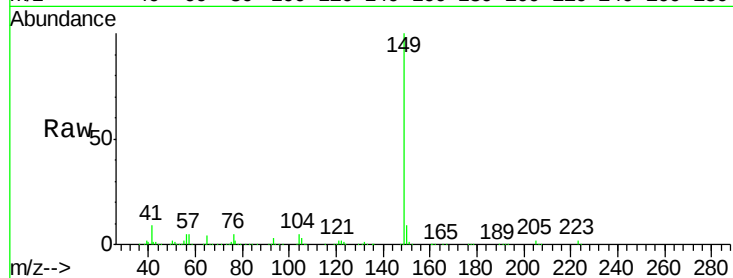
Tot Ion:149 Resp: 577830

Ion Ratio Lower Upper

149 100

150 9.3 7.0 10.4

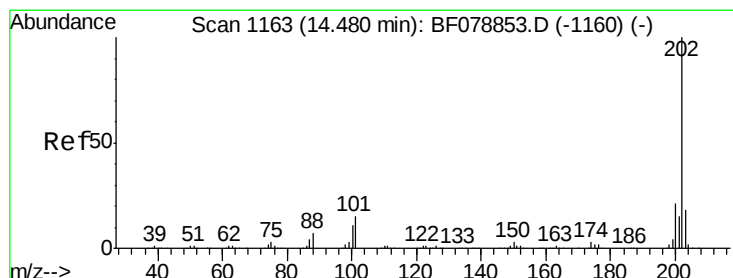
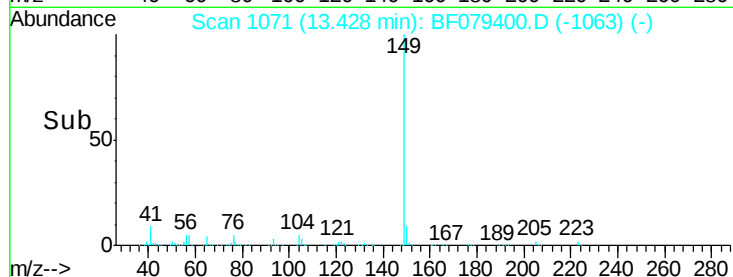
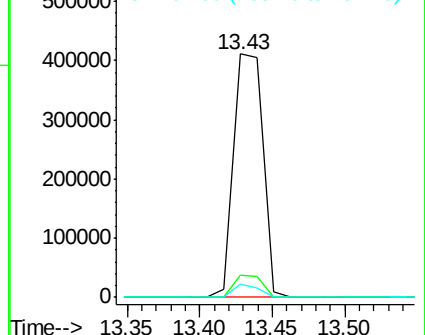
104 5.2 3.3 4.9#



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: 43.87 ng

RT: 14.18 min Scan# 1137

Delta R.T. -0.05 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

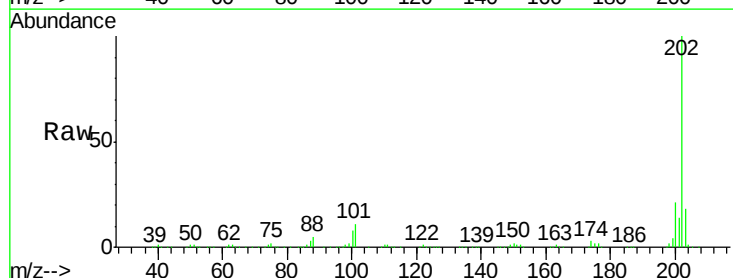
Tgt Ion:202 Resp: 537863

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.7

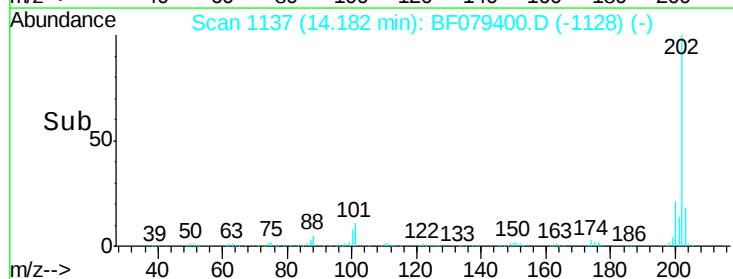
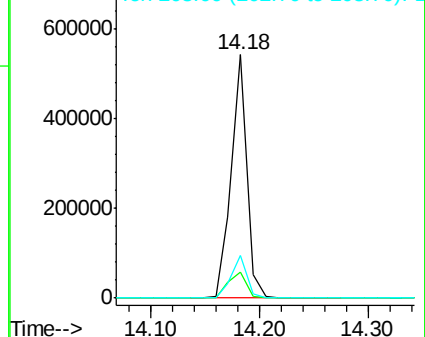
203 17.7 0.0 37.9

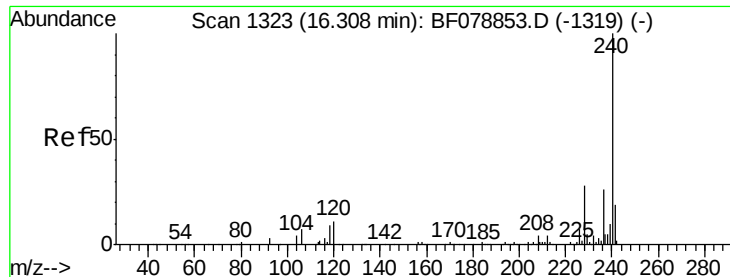


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.95 min Scan# 1292

Delta R.T. -0.07 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

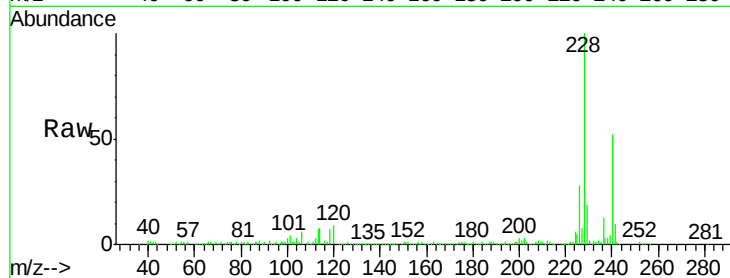
Tot Ion:240 Resp: 218151

Ion Ratio Lower Upper

240 100

120 17.0 8.6 12.8#

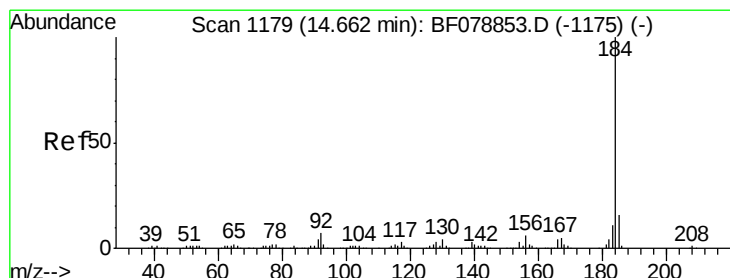
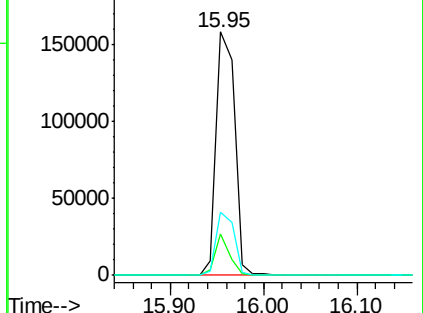
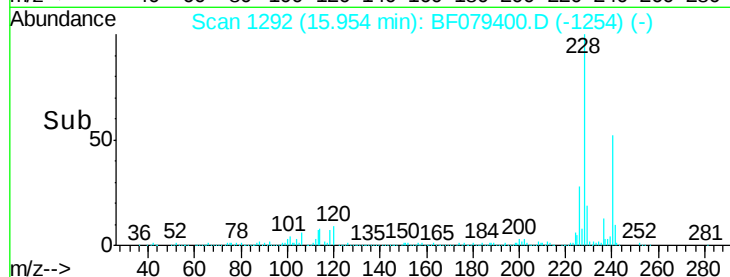
236 25.7 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.80 ng

RT: 14.37 min Scan# 1153

Delta R.T. -0.05 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

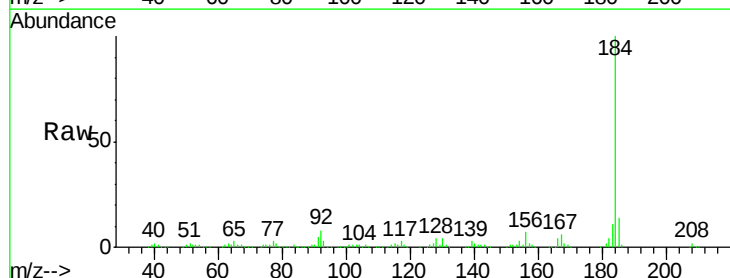
Tgt Ion:184 Resp: 263425

Ion Ratio Lower Upper

184 100

185 14.5 12.8 19.2

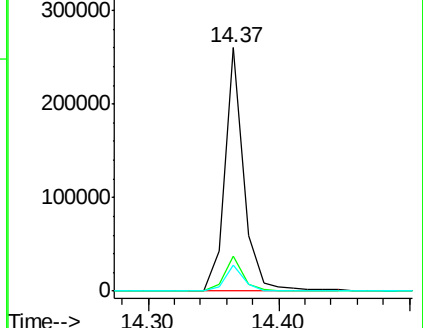
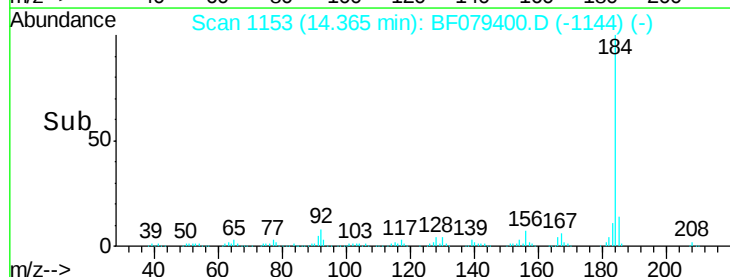
183 10.9 9.0 13.4

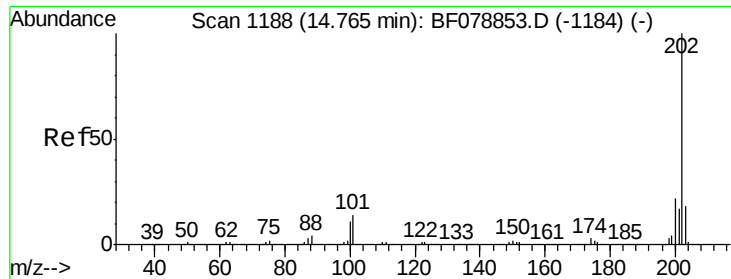


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

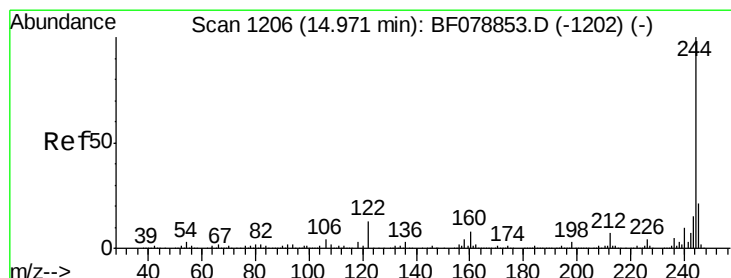
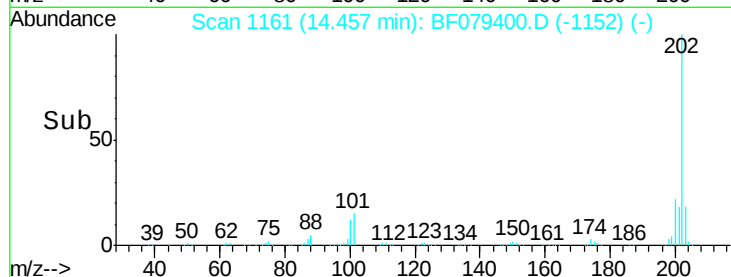
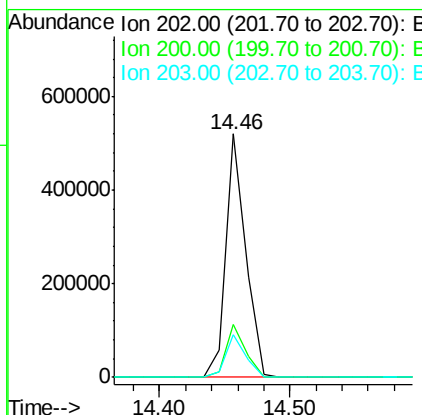
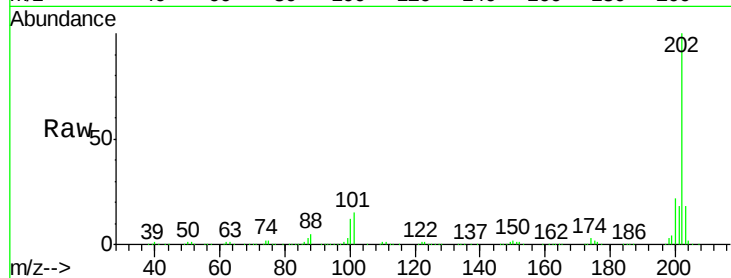




#77
 Pvrene
 Concen: 43.81 ng
 RT: 14.46 min Scan# 1161
 Delta R.T. -0.05 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

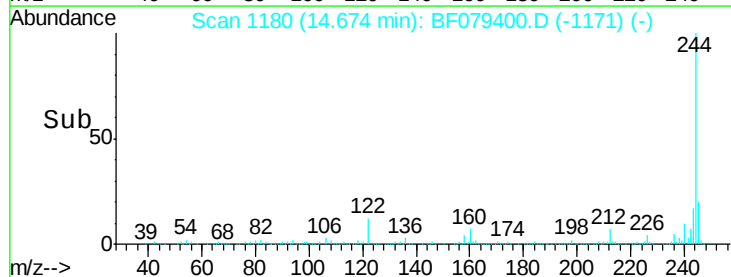
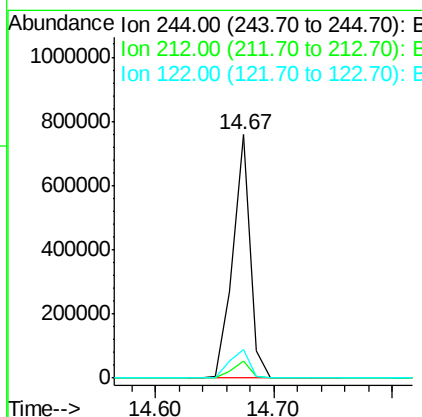
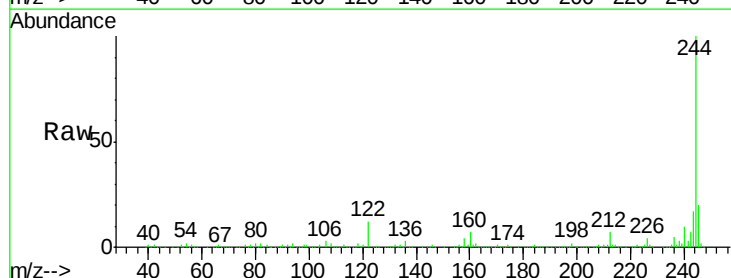
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

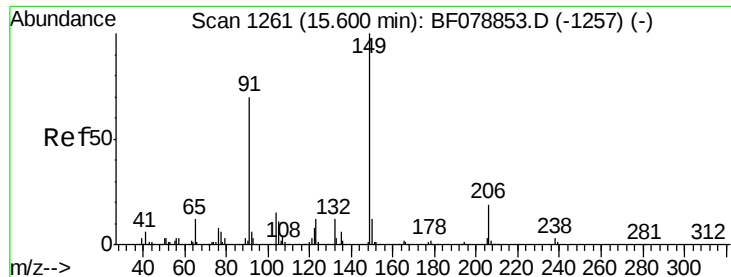
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	17.8	14.7	22.1



#78
 Terphenyl-d14
 Concen: 84.61 ng
 RT: 14.67 min Scan# 1180
 Delta R.T. -0.05 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.6	10.5	15.7

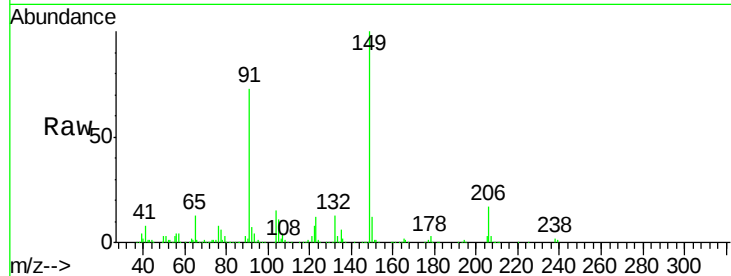




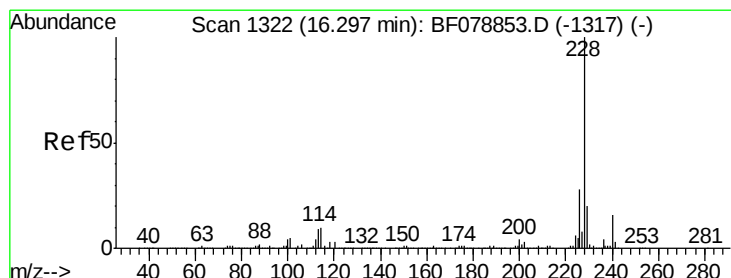
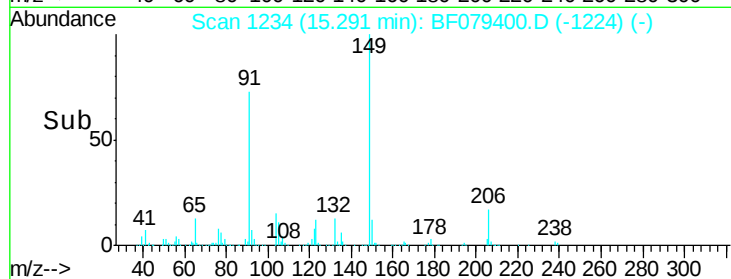
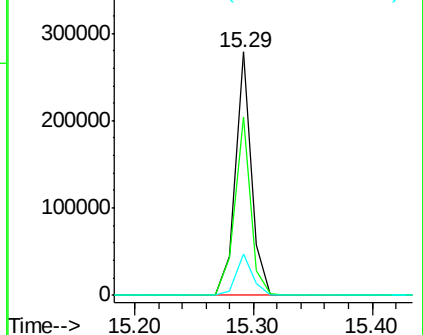
#79
Butylbenzylphthalate
Concen: 47.58 ng
RT: 15.29 min Scan# 1234
Delta R.T. -0.05 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 261442
Ion Ratio Lower Upper
149 100
91 73.1 56.2 84.2
206 16.8 15.2 22.8

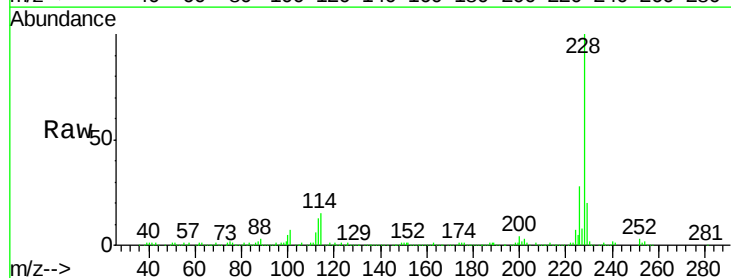


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

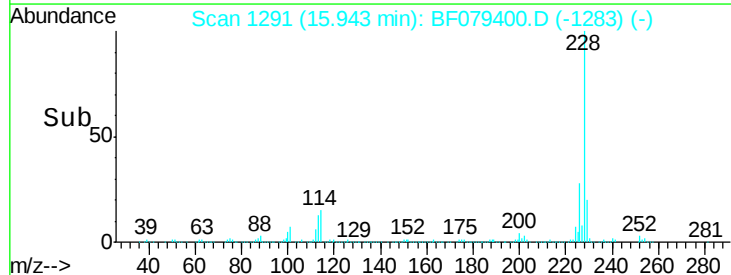
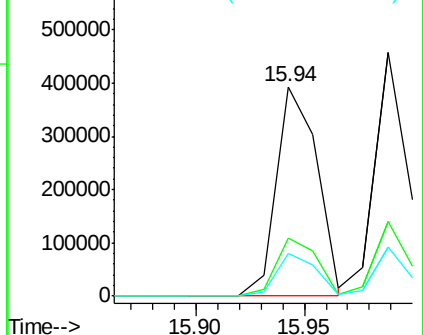


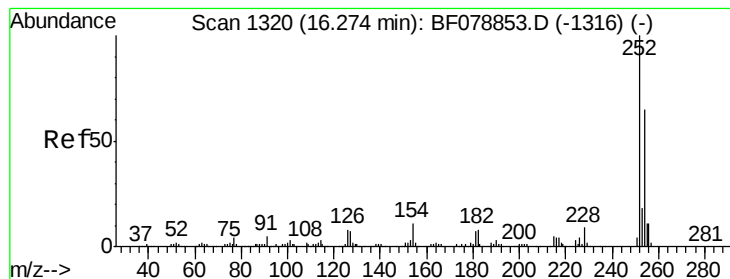
#80
Benzo(a)anthracene
Concen: 43.11 ng
RT: 15.94 min Scan# 1291
Delta R.T. -0.07 min
Lab File: BF079400.D
Acq: 21 May 2015 1:42

Tgt Ion:228 Resp: 515027
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.1 16.1 24.1



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

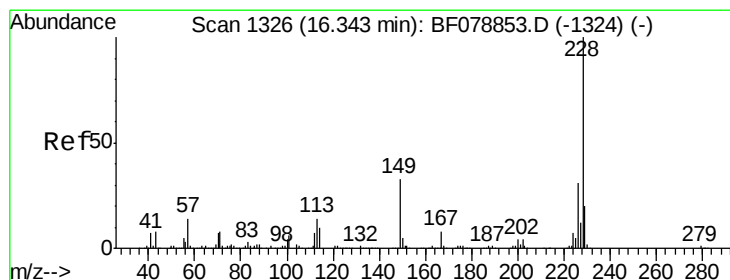
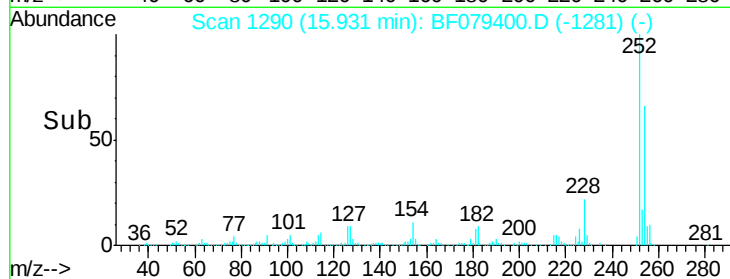
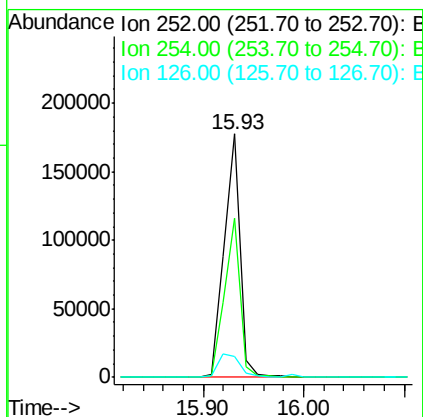
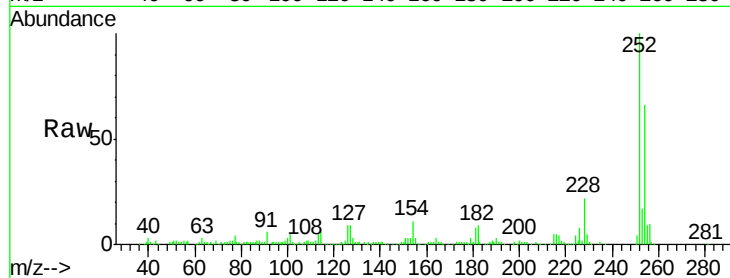




#81
 3,3'-Dichlorobenzidine
 Concen: 46.41 ng
 RT: 15.93 min Scan# 1290
 Delta R.T. -0.06 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

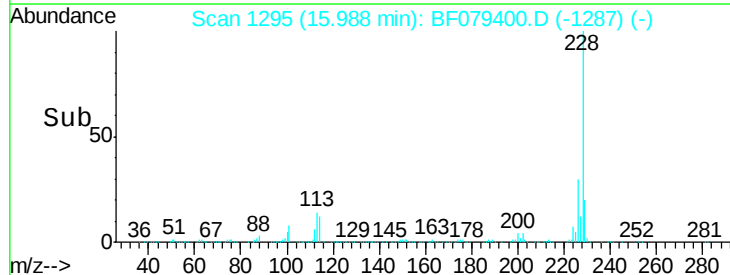
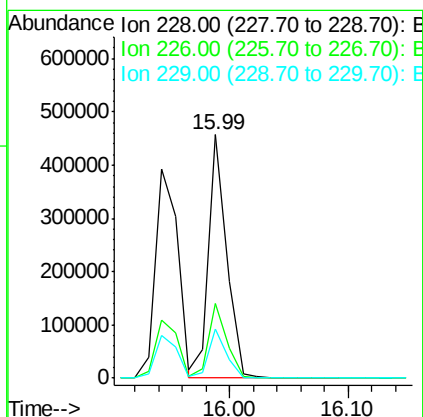
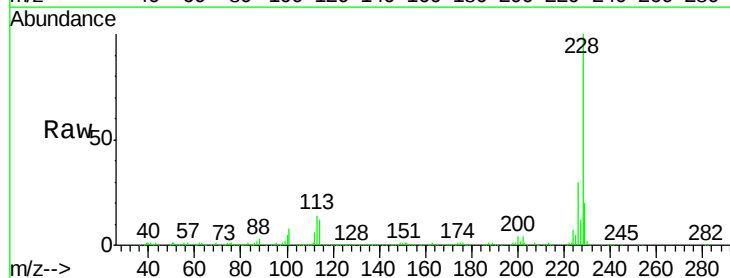
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

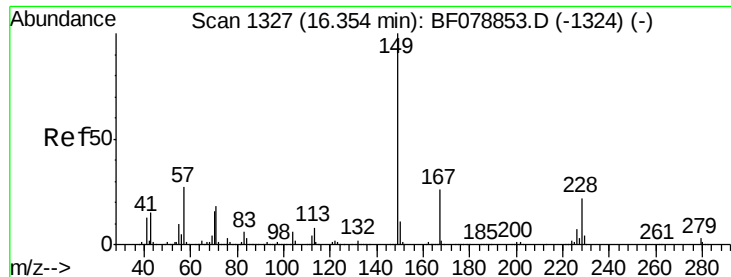
Tot Ion:252 Resp: 197473
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.2 78.2
 126 8.7 6.6 9.8



#82
 Chrysene
 Concen: 42.12 ng
 RT: 15.99 min Scan# 1295
 Delta R.T. -0.07 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Tgt Ion:228 Resp: 483918
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.8 37.2
 229 20.4 16.1 24.1

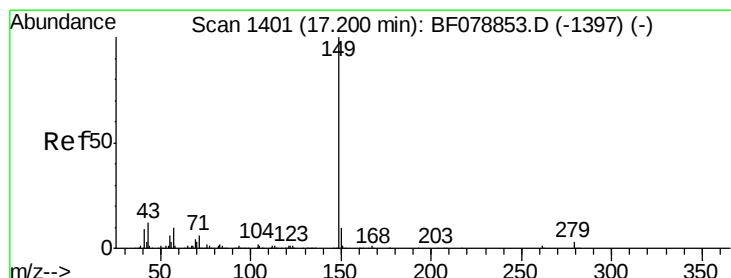
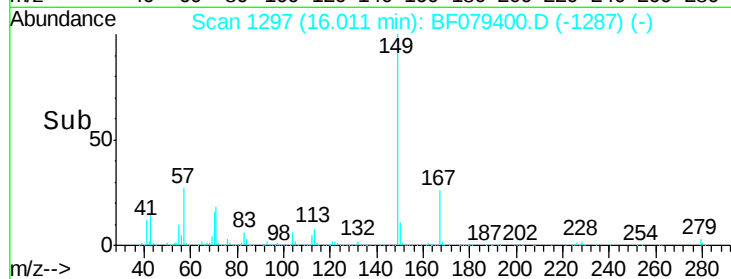
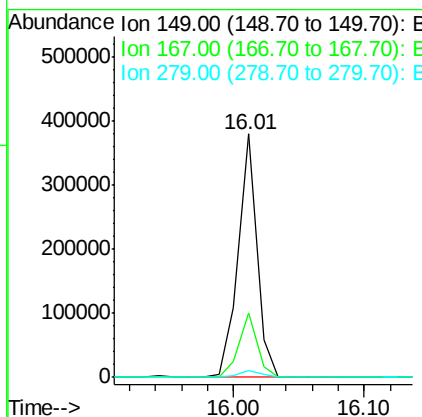
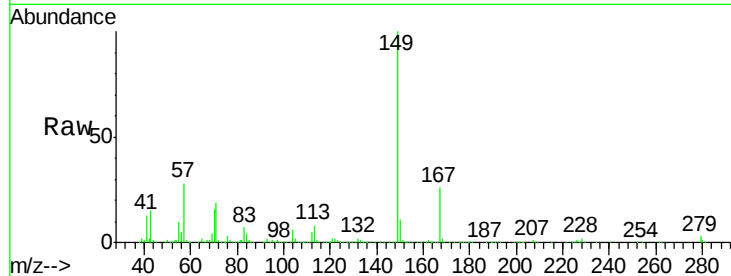




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.42 ng
 RT: 16.01 min Scan# 1297
 Delta R.T. -0.06 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

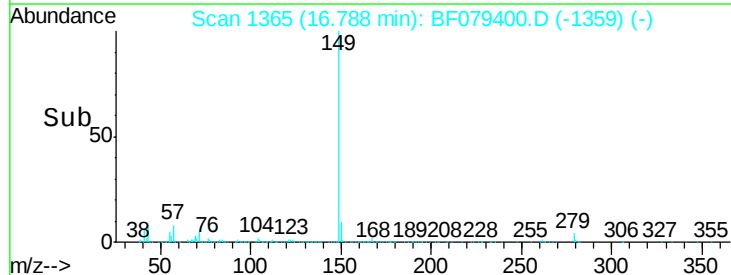
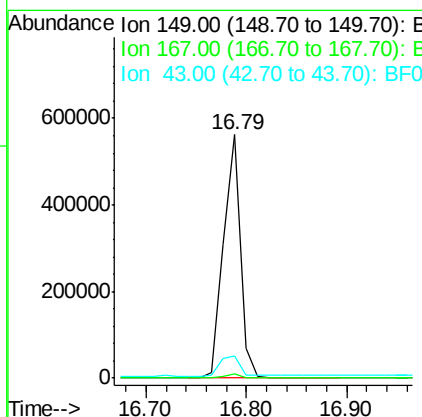
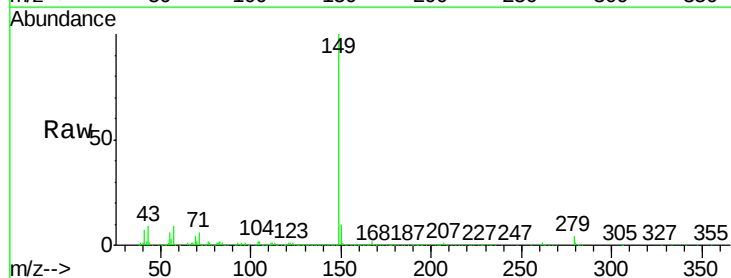
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

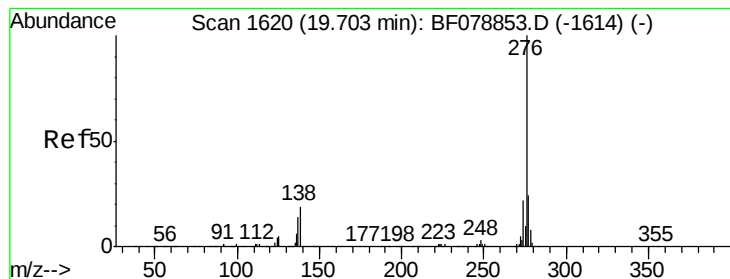
Tot Ion:149 Resp: 378021
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.2 31.8
 279 3.0 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 44.73 ng
 RT: 16.79 min Scan# 1365
 Delta R.T. -0.10 min
 Lab File: BF079400.D
 Acq: 21 May 2015 1:42

Tgt Ion:149 Resp: 655682
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.1 9.0 13.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.49 ng

RT: 18.99 min Scan# 1558

Delta R.T. -0.22 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

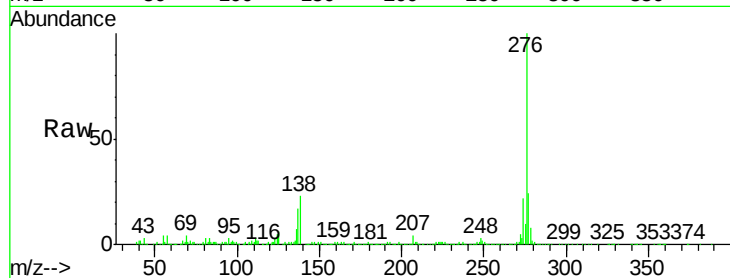
Tot Ion:276 Resp: 578067

Ion Ratio Lower Upper

276 100

138 26.8 21.1 31.7

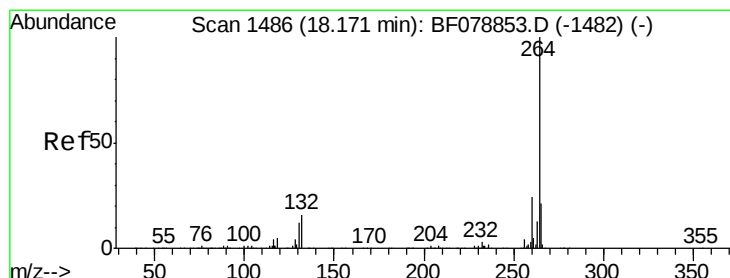
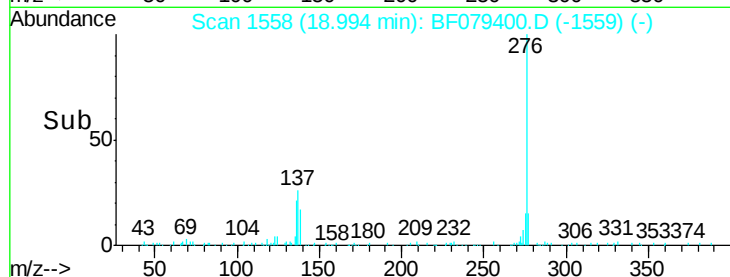
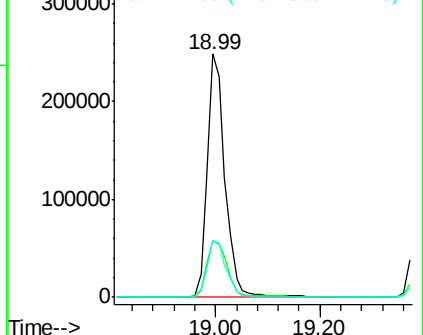
277 24.9 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.65 min Scan# 1440

Delta R.T. -0.17 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

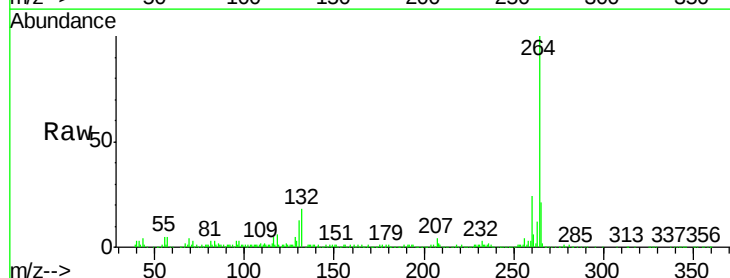
Tgt Ion:264 Resp: 224412

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

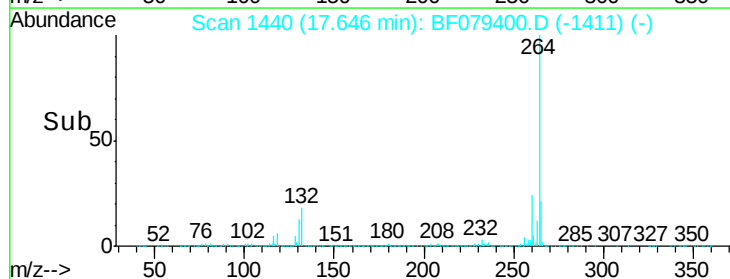
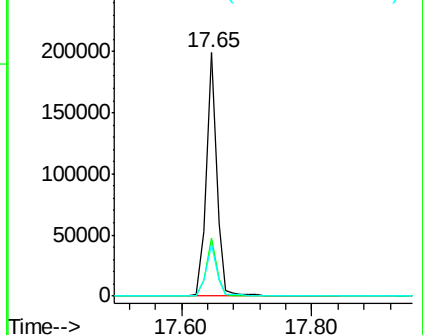
265 21.0 17.2 25.8

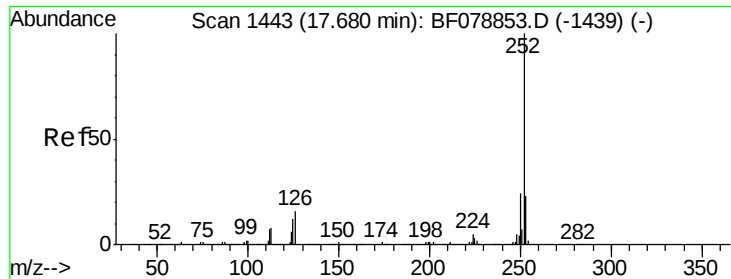


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.83 ng

RT: 17.21 min Scan# 1402

Delta R.T. -0.14 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

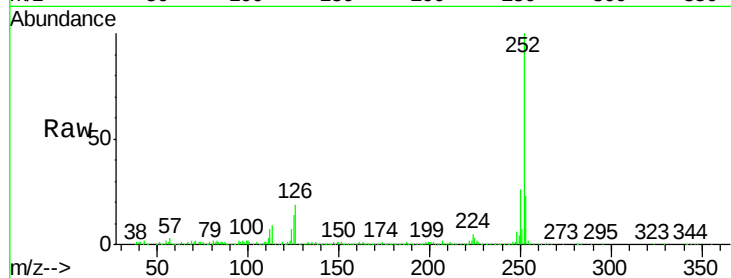
Tot Ion:252 Resp: 550693

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

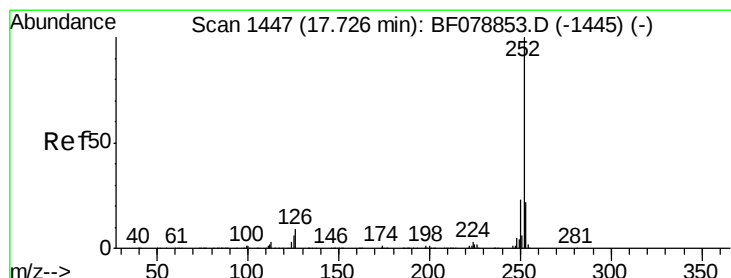
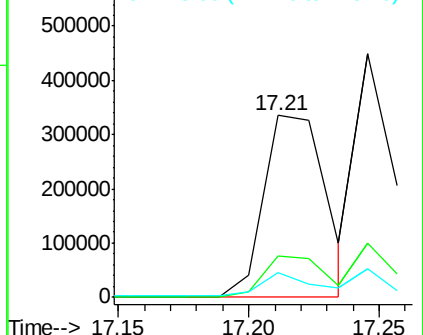
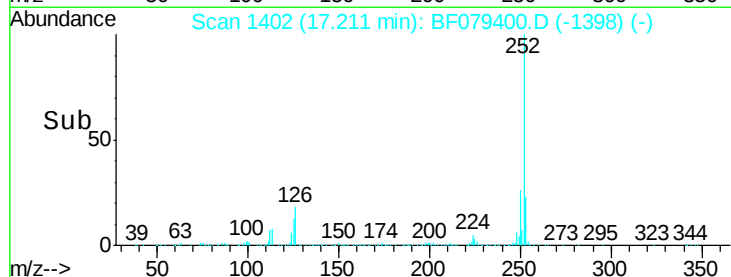
125 13.5 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.31 ng

RT: 17.21 min Scan# 1402

Delta R.T. -0.17 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

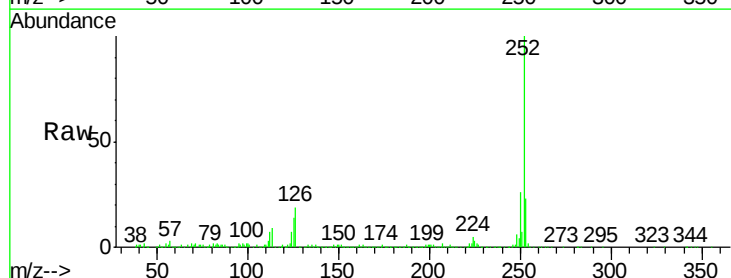
Tgt Ion:252 Resp: 550693

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

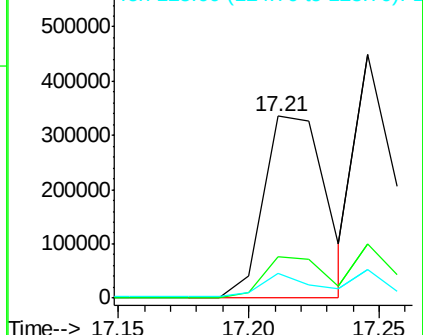
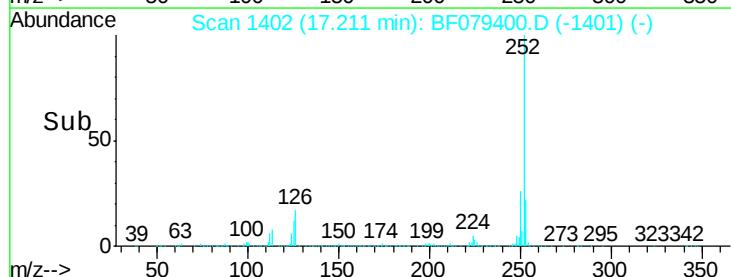
125 13.5 6.1 9.1#

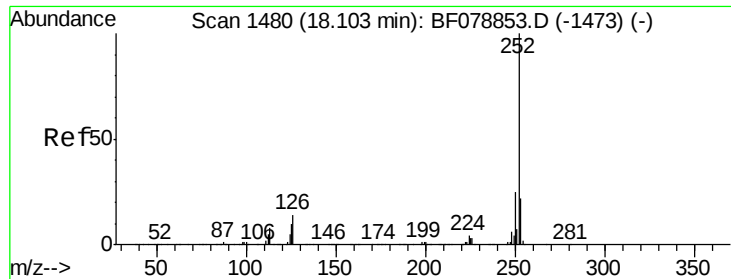


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.53 ng

RT: 17.59 min Scan# 1435

Delta R.T. -0.16 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

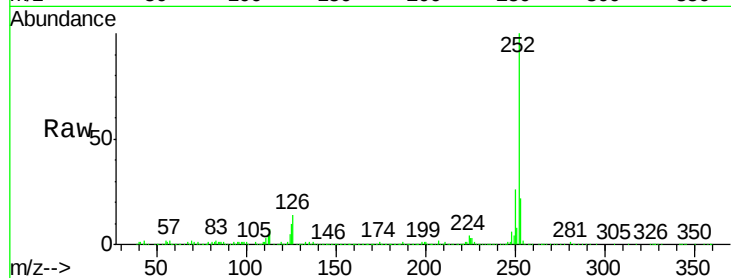
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 481062

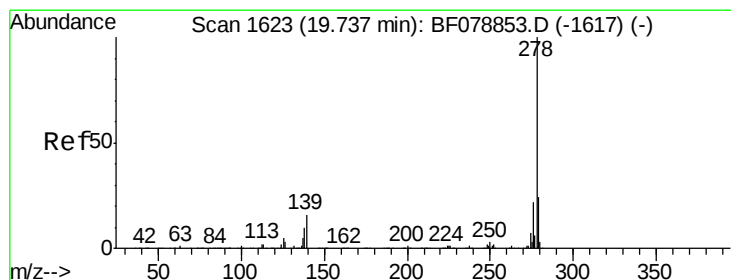
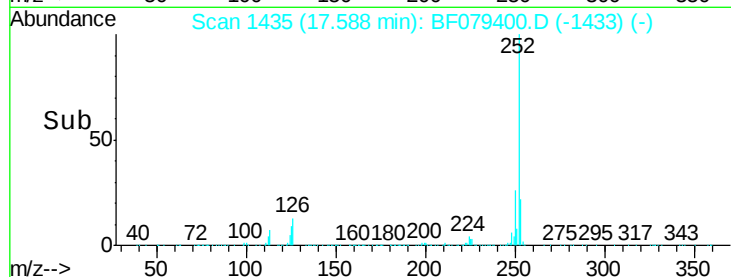
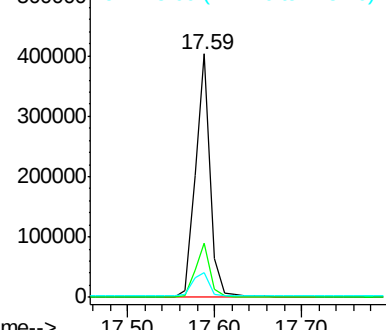
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.3	8.2	12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.41 ng

RT: 19.02 min Scan# 1560

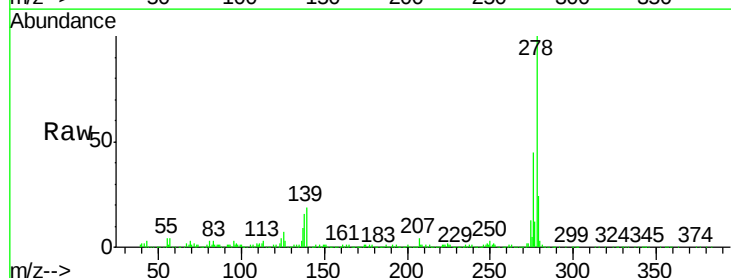
Delta R.T. -0.23 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Tgt Ion:278 Resp: 485721

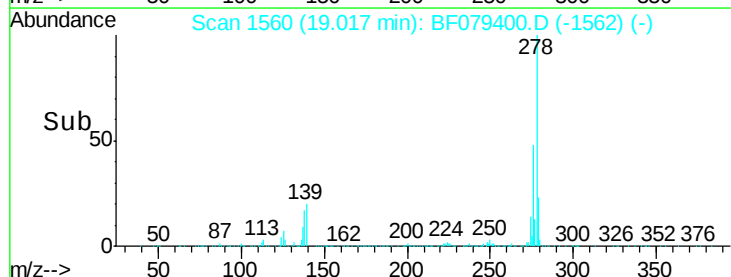
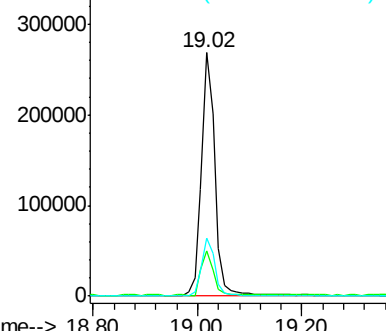
Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.1	19.7
279	23.8	19.1	28.7

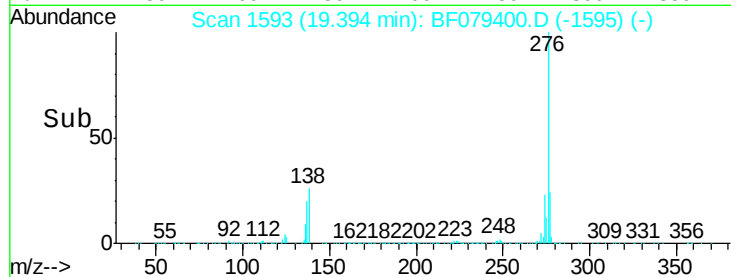
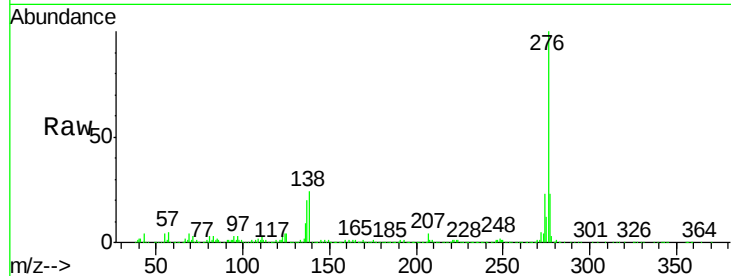
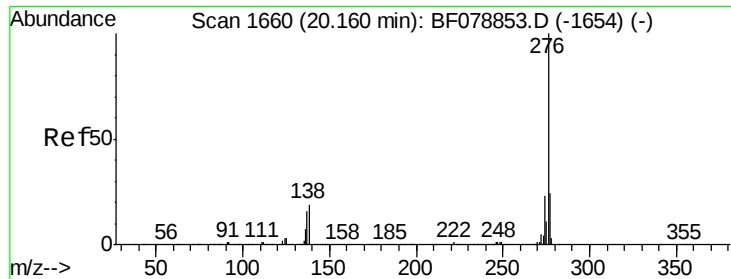


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.64 ng

RT: 19.39 min Scan# 1593

Delta R.T. -0.23 min

Lab File: BF079400.D

Acq: 21 May 2015 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 276 Resp: 477582

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 23.6 15.2 22.8#

