

Data Path : Z:\HPCHEM1\BNA_F\Data\BF051515\
 Data File : BF079266.D
 Acq On : 15 May 2015 13:27
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 15 23:00:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 01:57:52 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	-7.22
21) Naphthalene-d8	8.75	136	331306	20.00	ng	-0.05
38) Acenaphthene-d10	10.92	164	161100	20.00	ng	-0.05
63) Phenanthrene-d10	12.77	188	297653	20.00	ng	-0.06
75) Chrysene-d12	16.09	240	291230	20.00	ng	-0.41
86) Perylene-d12	0.00	264	0	0.00	ng	-18.88

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.87	82	432712	75.06	ng	-0.05
41) 2,4,6-Tribromophenol	11.91	330	135355	77.67	ng	-0.05
44) 2-Fluorobiphenyl	10.10	172	833092	72.05	ng	-0.05
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Acetophenone	7.69	105	291232	38.91	ng	# 88
24) Nitrobenzene	7.90	77	216110	37.82	ng	# 91
25) Isophorone	8.19	82	398190	37.26	ng	# 92
26) 2-Nitrophenol	8.28	139	100292	42.41	ng	# 78
27) 2,4-Dimethylphenol	8.35	122	178598	37.74	ng	94
28) bis(2-Chloroethoxy)methane	8.48	93	255594	38.80	ng	99
29) 2,4-Dichlorophenol	8.59	162	169645	40.31	ng	87
30) 1,2,4-Trichlorobenzene	8.68	180	177437	38.38	ng	97
31) Naphthalene	8.79	128	600862	38.06	ng	99
32) Benzoic acid	8.48	122	109353	38.35	ng	99
33) 4-Chloroaniline	8.86	127	255255	38.21	ng	95
34) Hexachlorobutadiene	8.94	225	100806	37.87	ng	98
35) Caprolactam	9.30	113	53345	39.20	ng	91
36) 4-Chloro-3-methylphenol	9.47	107	179994	40.72	ng	97
37) 2-Methylnaphthalene	9.64	142	437153	39.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	179545	39.57	ng	98
40) Hexachlorocyclopentadiene	9.83	237	75309	33.01	ng	94
42) 2,4,6-Trichlorophenol	10.00	196	121853	39.06	ng	98
43) 2,4,5-Trichlorophenol	10.04	196	123231	39.08	ng	97
45) 1,1'-Biphenyl	10.23	154	504925	39.43	ng	99
46) 2-Chloronaphthalene	10.24	162	374101	37.45	ng	99
47) 2-Nitroaniline	10.38	65	110288	38.10	ng	# 82
48) Acenaphthylene	10.75	152	624093	38.05	ng	100
49) Dimethylphthalate	10.62	163	437999	37.04	ng	100
50) 2,6-Dinitrotoluene	10.68	165	88026	37.72	ng	# 50
51) Acenaphthene	10.97	154	359577	36.76	ng	99
52) 3-Nitroaniline	10.89	138	120233	41.25	ng	87
53) 2,4-Dinitrophenol	11.03	184	30103	44.19	ng	# 57
54) Dibenzofuran	11.19	168	534872	37.86	ng	98
55) 4-Nitrophenol	11.11	139	84892	36.80	ng	# 77
56) 2,4-Dinitrotoluene	11.19	165	123455	40.02	ng	94
57) Fluorene	11.61	166	435349	37.54	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.34	232	95367	37.01	ng	99
59) Diethylphthalate	11.50	149	441164	37.66	ng	97

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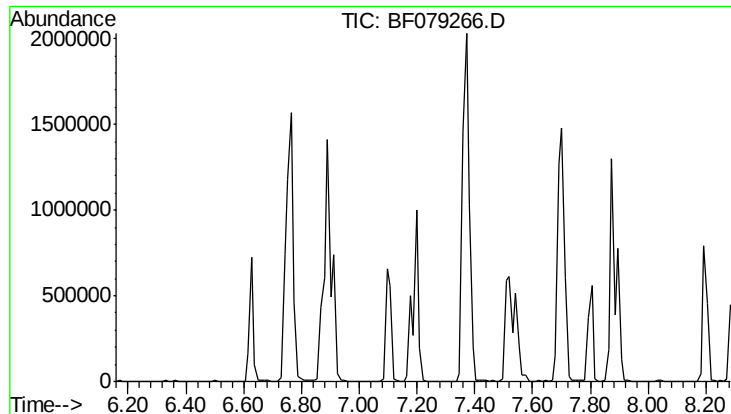
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

60) 4-Chlorophenyl-phenylether	11.62	204	191652	37.25	ng	91
61) 4-Nitroaniline	11.64	138	115864	39.73	ng	98
62) Azobenzene	11.82	77	472923	40.97	ng	96
64) 4,6-Dinitro-2-methylphenol	11.69	198	52910	44.10	ng	94
65) n-Nitrosodiphenylamine	11.77	169	386444	38.98	ng	99
66) 4-Bromophenyl-phenylether	12.23	248	119847	38.63	ng	# 82
67) Hexachlorobenzene	12.29	284	133562	37.66	ng	# 78
68) Atrazine	12.45	200	110330	38.27	ng	95
69) Pentachlorophenol	12.54	266	71272	38.26	ng	97
70) Phenanthrene	12.80	178	622339	37.37	ng	99
71) Anthracene	12.87	178	619764	37.94	ng	99
72) Carbazole	13.07	167	601375	38.62	ng	99
73) Di-n-butylphthalate	13.52	149	695511	37.25	ng	# 97
74) Fluoranthene	14.27	202	630926	36.36	ng	97
77) Pyrene	14.27	202	630926	37.60	ng	99
80) Benzo(a)anthracene	16.08	228	617650	38.73	ng	100
81) 3,3'-Dichlorobenzidine	16.06	252	231970	40.83	ng	# 98
82) Chrysene	16.13	228	587054	38.27	ng	99
83) Bis(2-ethylhexyl)phthalate	16.14	149	457951	41.21	ng	# 96

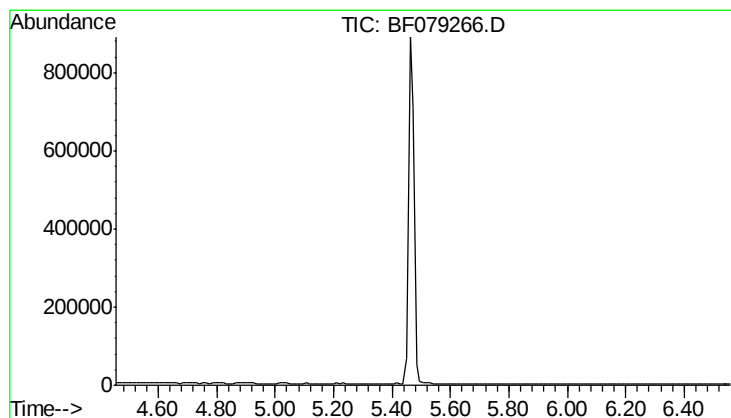
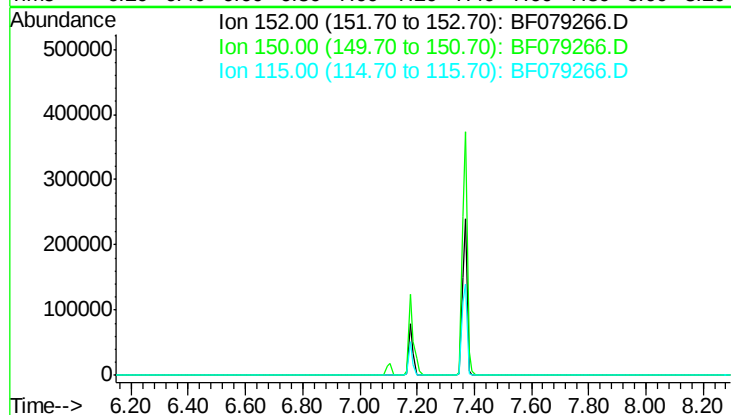
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 7.22 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

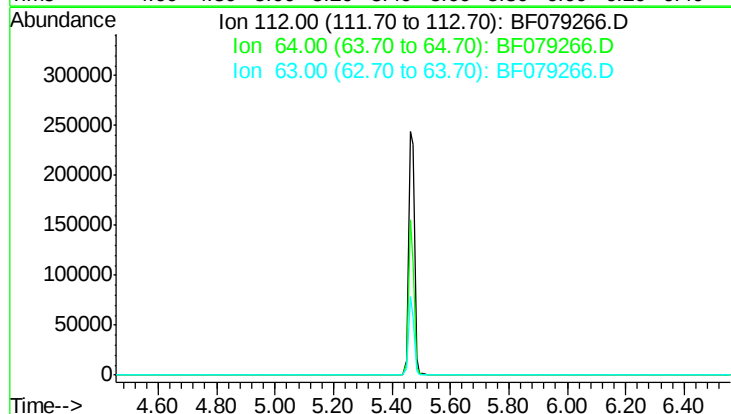
Instrument :
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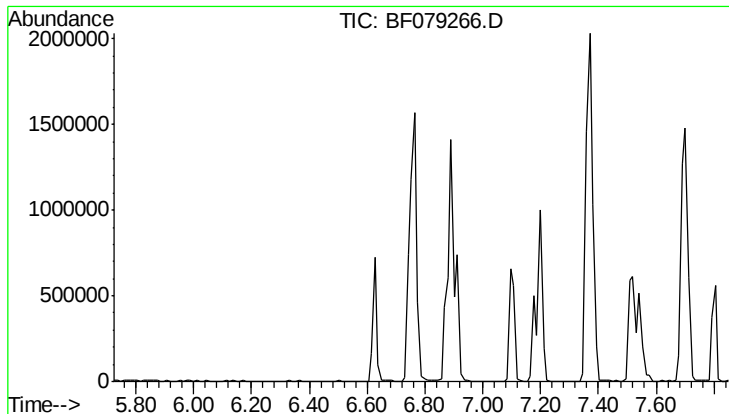
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 154.8
 115 61.7



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.51 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 55.2
 63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.79 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

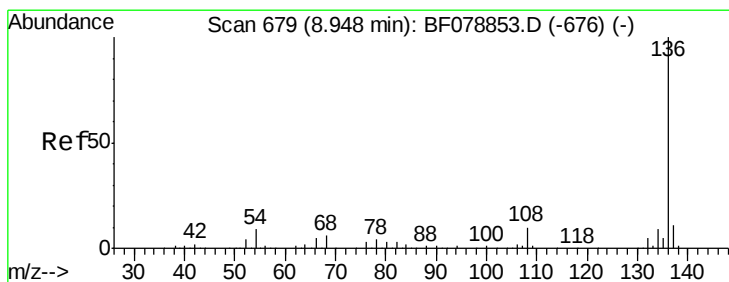
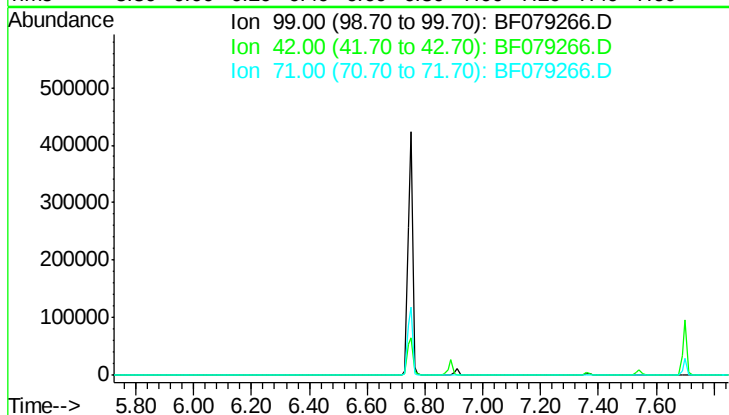
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 662

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Tgt Ion:136 Resp: 331306

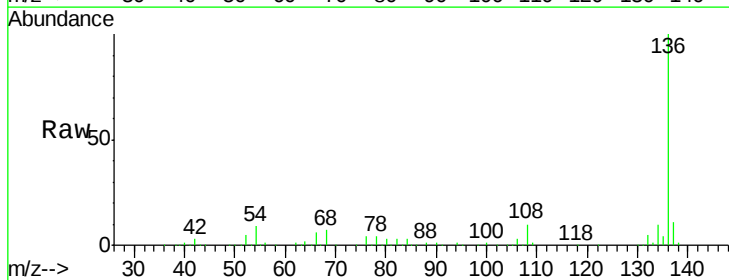
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.5 6.9 10.3

68 6.6 4.9 7.3

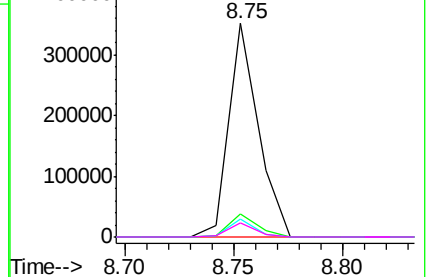
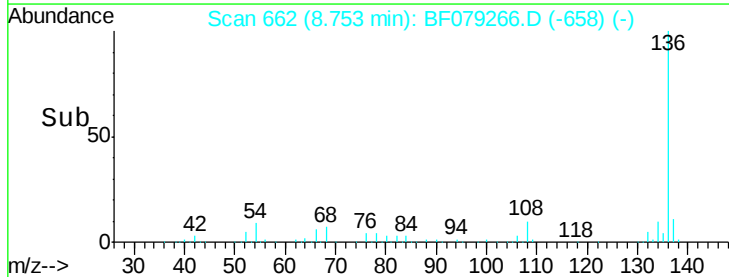


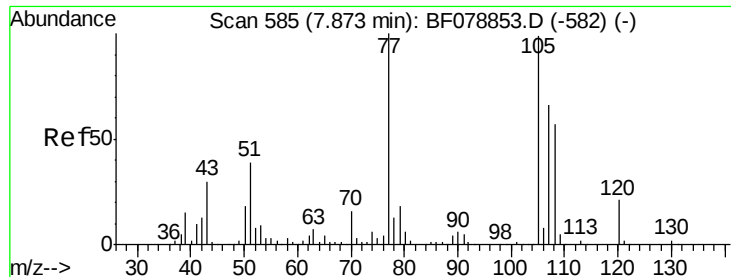
Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.91 ng

RT: 7.69 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 105 Resp: 291232

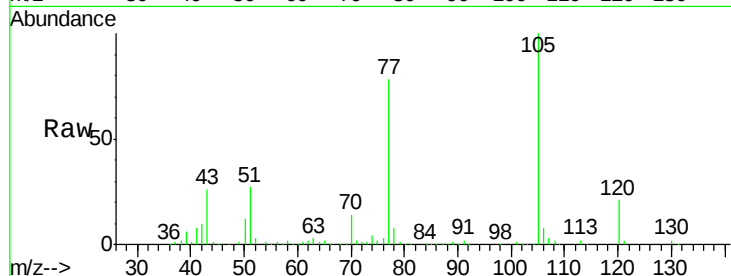
Ion Ratio Lower Upper

105 100

71 2.4 2.2 3.4

51 27.4 31.1 46.7#

120 21.3 16.7 25.1

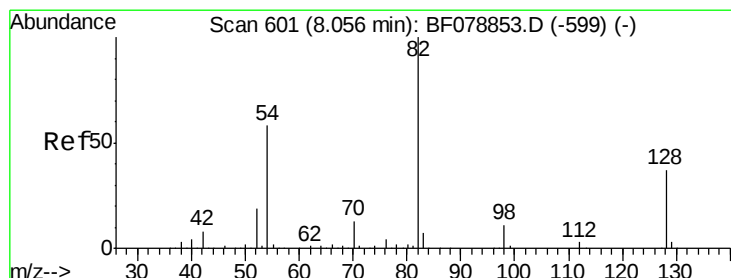
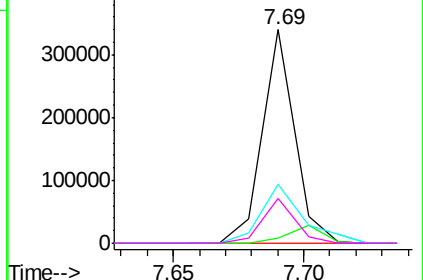
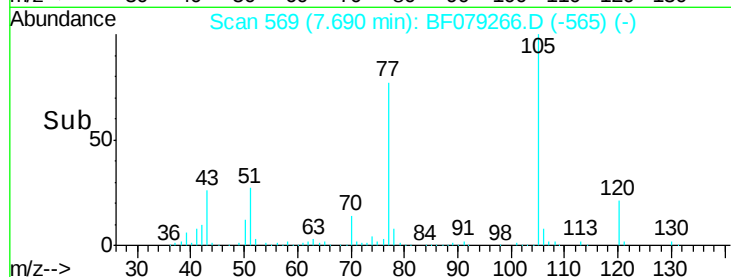


Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.06 ng

RT: 7.87 min Scan# 585

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

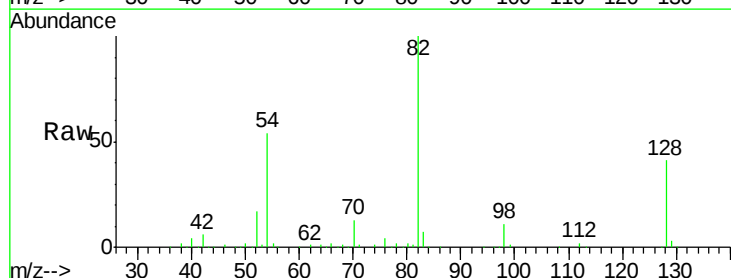
Tgt Ion: 82 Resp: 432712

Ion Ratio Lower Upper

82 100

128 40.7 29.7 44.5

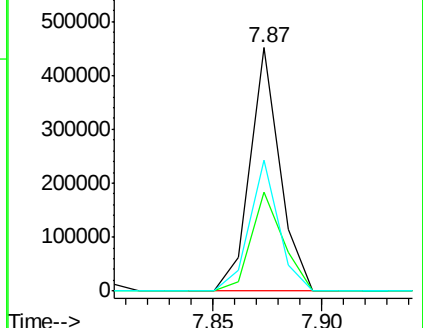
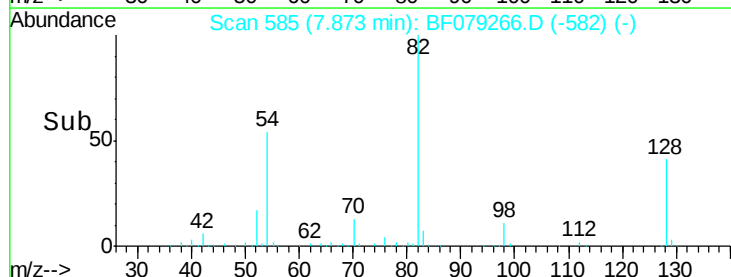
54 53.7 46.2 69.4

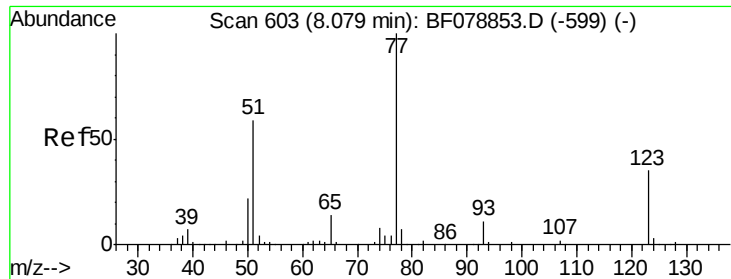


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

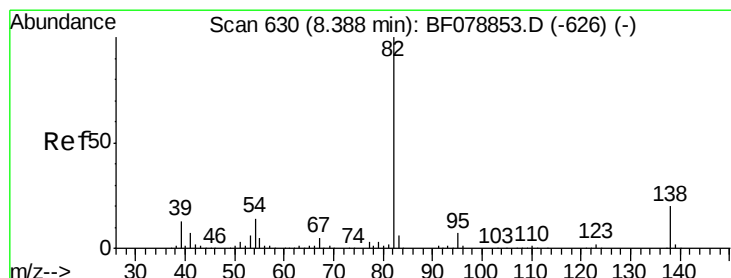
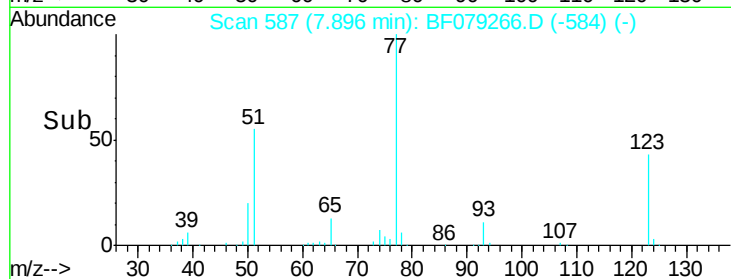
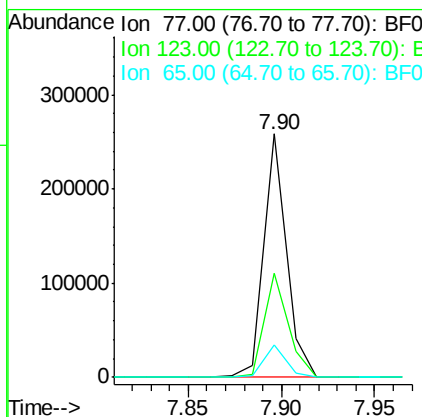
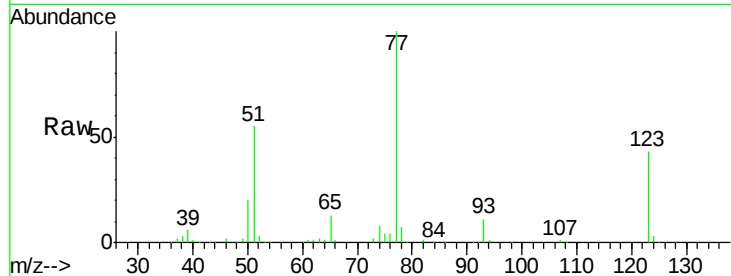




#24
 Nitrobenzene
 Concen: 37.82 ng
 RT: 7.90 min Scan# 587
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

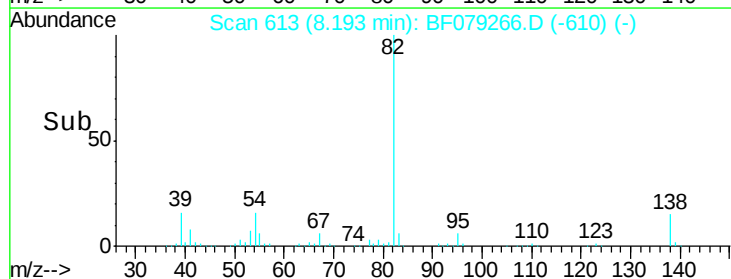
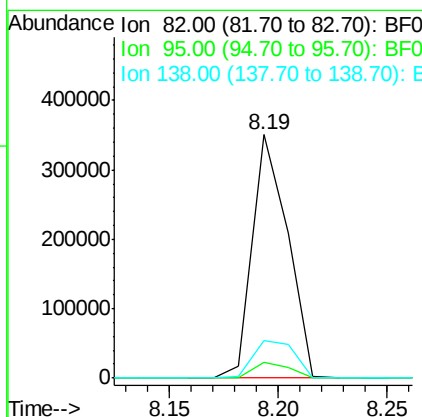
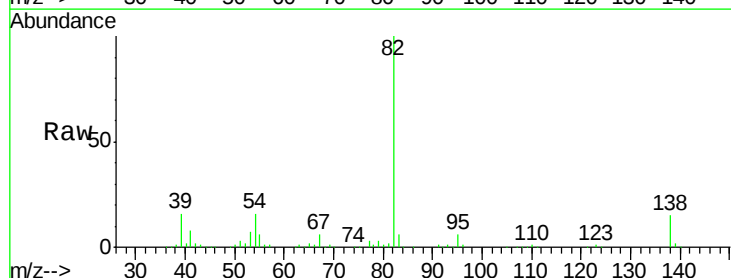
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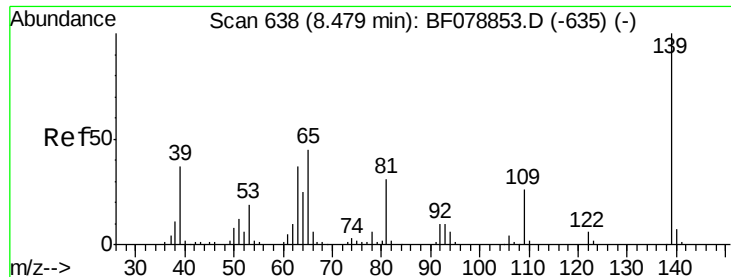
Tgt Ion: 77 Resp: 216110
 Ion Ratio Lower Upper
 77 100
 123 42.7 28.3 42.5#
 65 13.3 11.0 16.4



#25
 Isophorone
 Concen: 37.26 ng
 RT: 8.19 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion: 82 Resp: 398190
 Ion Ratio Lower Upper
 82 100
 95 6.4 5.4 8.2
 138 15.3 16.1 24.1#

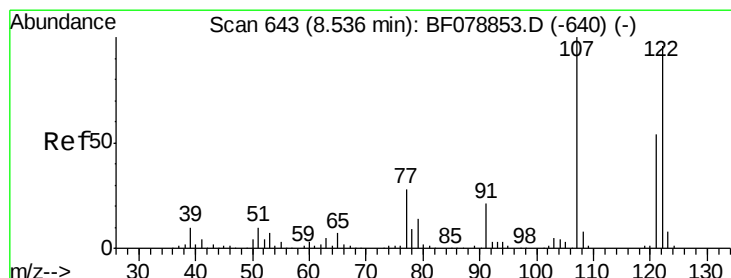
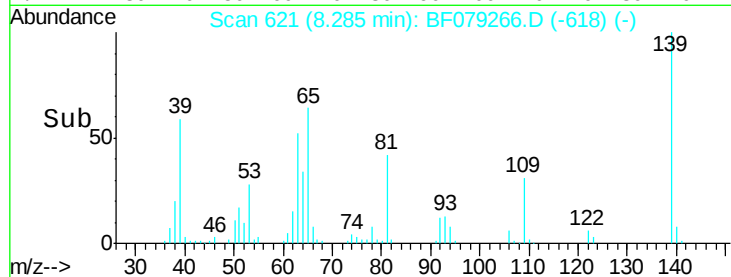
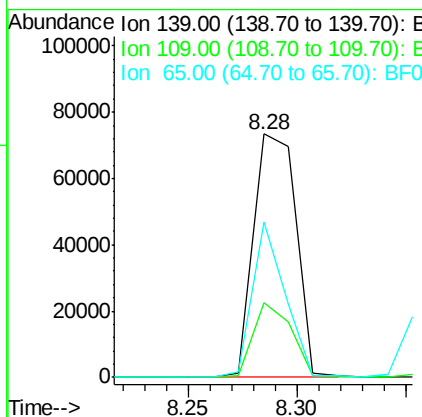
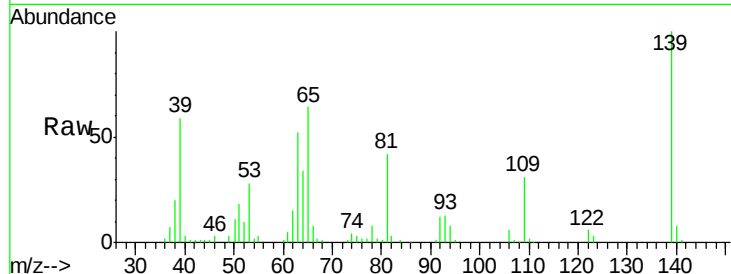




#26
 2-Nitrophenol
 Concen: 42.41 ng
 RT: 8.28 min Scan# 621
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

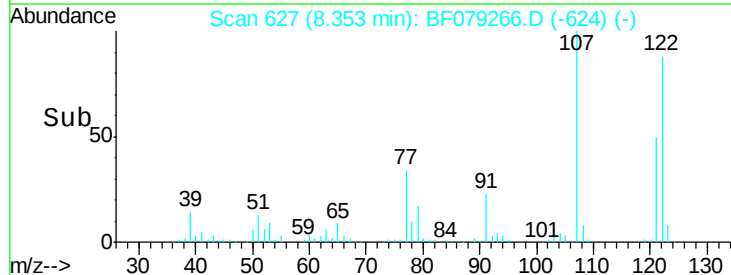
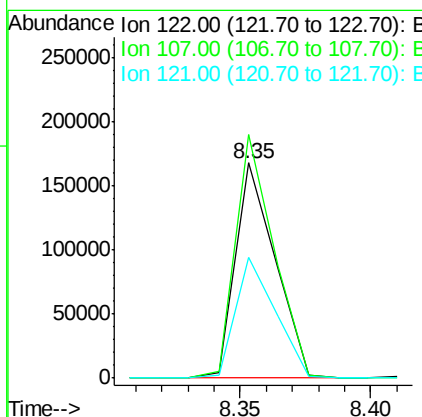
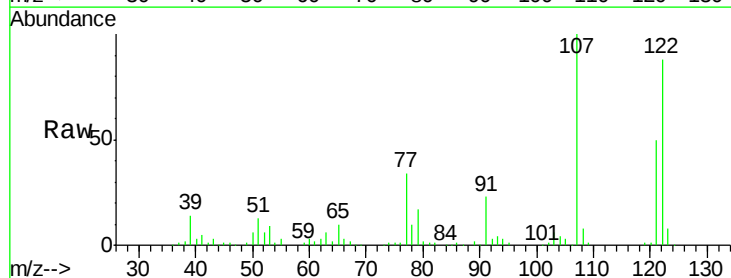
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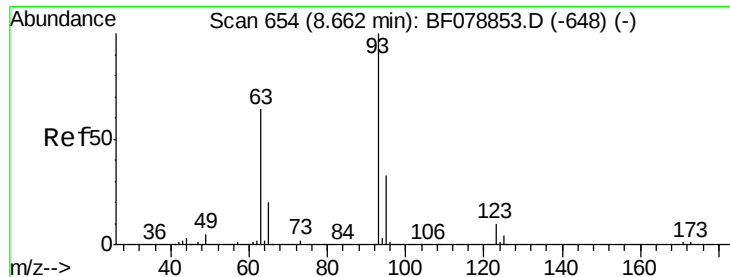
Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.9	20.9	31.3
65	63.9	35.8	53.8#



#27
 2,4-Dimethylphenol
 Concen: 37.74 ng
 RT: 8.35 min Scan# 627
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.1	83.6	125.4
121	56.3	44.9	67.3

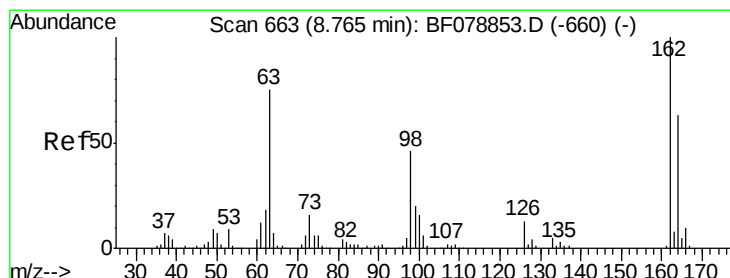
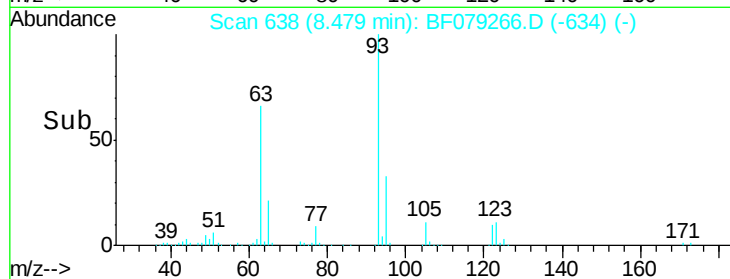
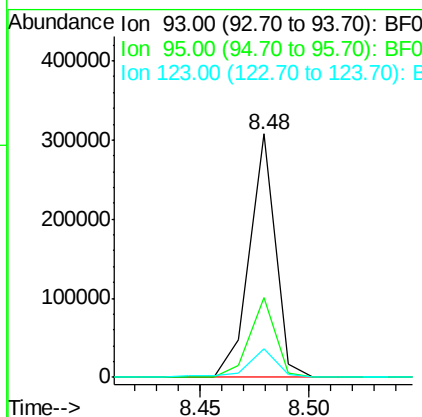
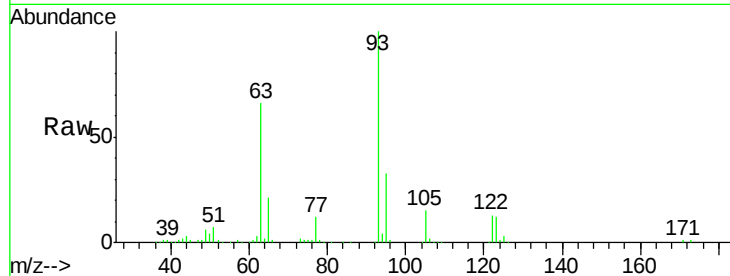




#28
 bis(2-Chloroethoxy)methane
 Concen: 38.80 ng
 RT: 8.48 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

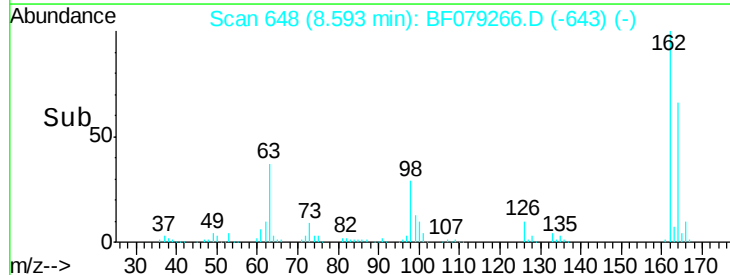
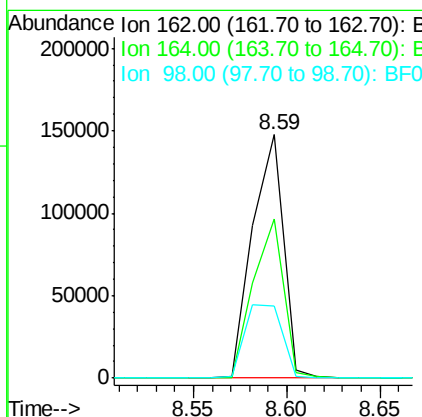
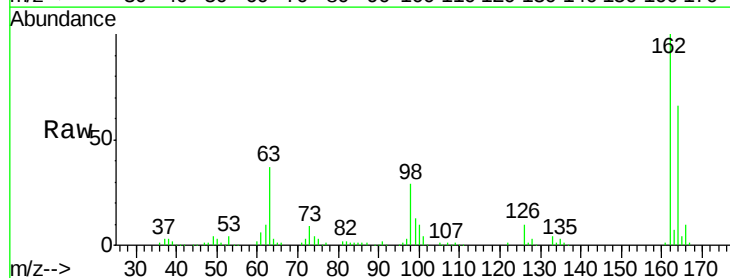
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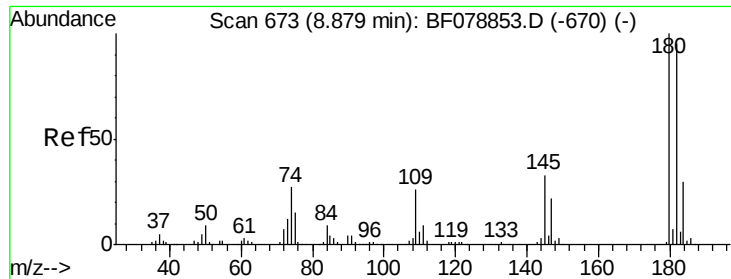
Tgt Ion: 93 Resp: 255594
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.2
 123 11.5 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 40.31 ng
 RT: 8.59 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion: 162 Resp: 169645
 Ion Ratio Lower Upper
 162 100
 164 65.5 42.7 82.7
 98 29.5 26.3 66.3

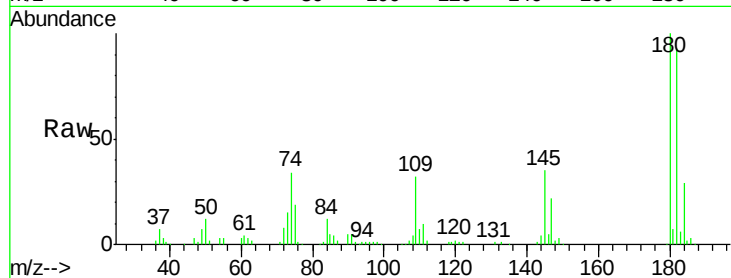




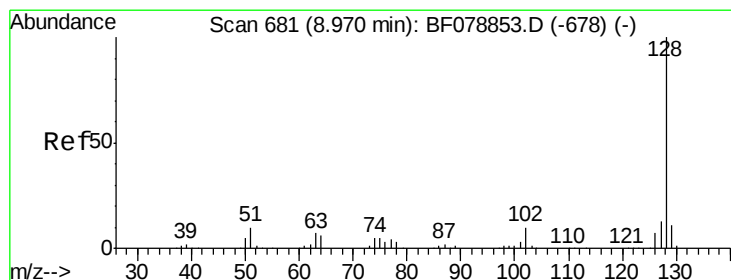
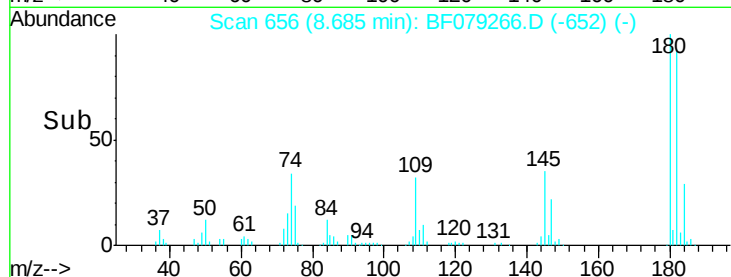
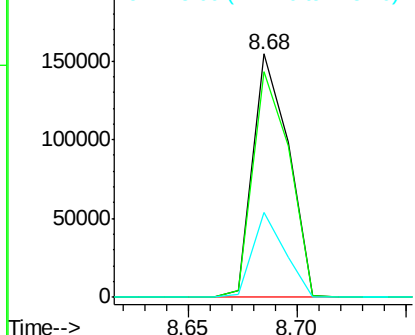
#30
 1,2,4-Trichlorobenzene
 Concen: 38.38 ng
 RT: 8.68 min Scan# 656
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:180 Resp: 177437
 Ion Ratio Lower Upper
 180 100
 182 92.5 75.7 113.5
 145 35.1 26.2 39.4

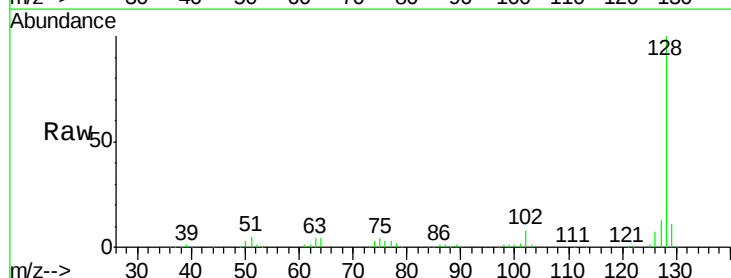


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

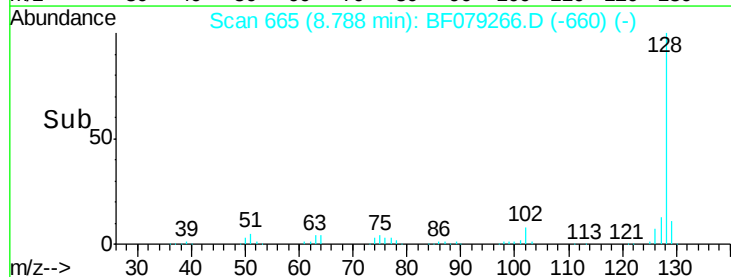
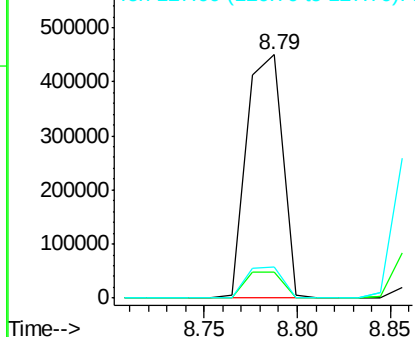


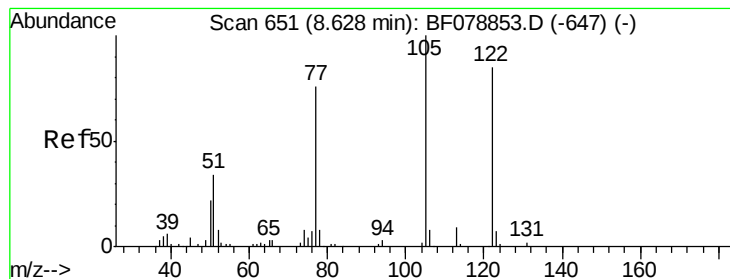
#31
 Naphthalene
 Concen: 38.06 ng
 RT: 8.79 min Scan# 665
 Delta R.T. -0.03 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion:128 Resp: 600862
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.2 13.8
 127 12.9 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: 38.35 ng

RT: 8.48 min Scan# 638

Delta R.T. -0.03 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

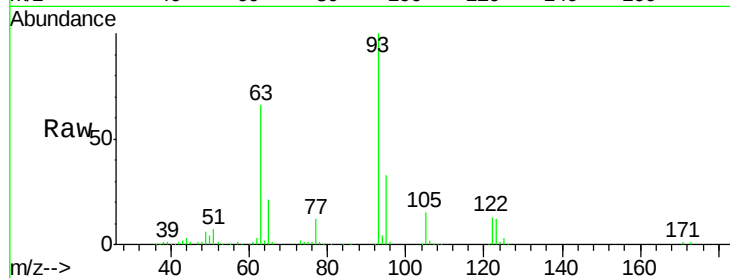
Tgt Ion:122 Resp: 109353

Ion Ratio Lower Upper

122 100

105 118.2 100.7 140.7

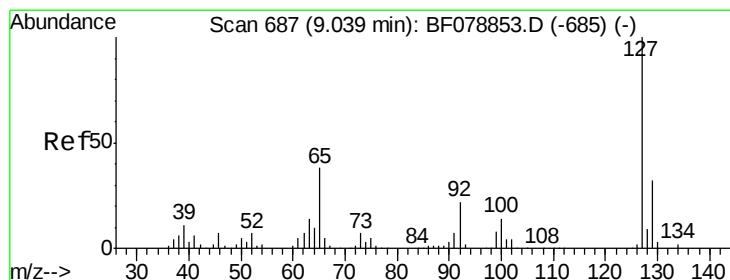
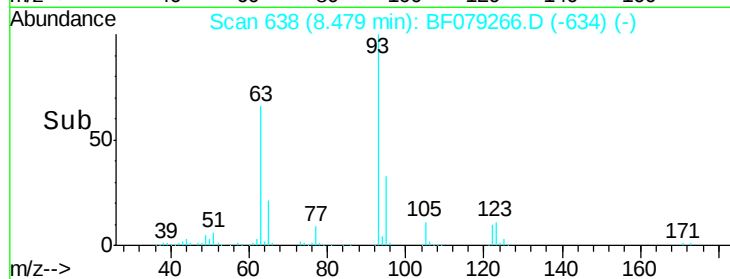
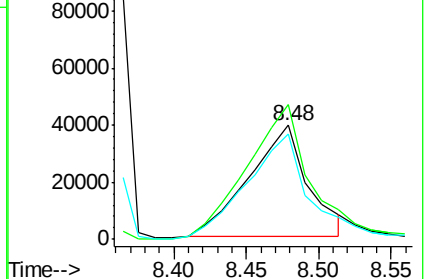
77 92.4 72.0 112.0



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: 38.21 ng

RT: 8.86 min Scan# 671

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Tgt Ion:127 Resp: 255255

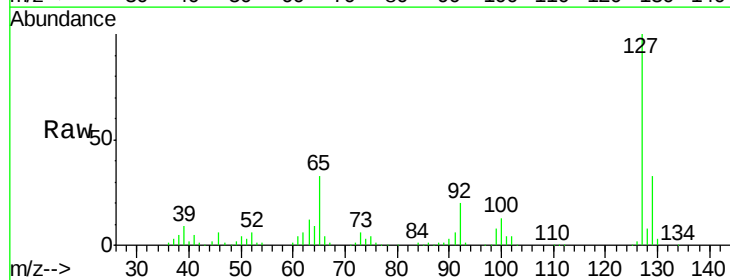
Ion Ratio Lower Upper

127 100

129 32.7 25.6 38.4

65 33.1 30.2 45.4

92 20.0 17.5 26.3

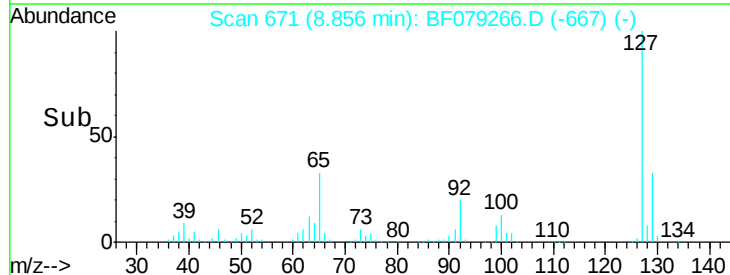
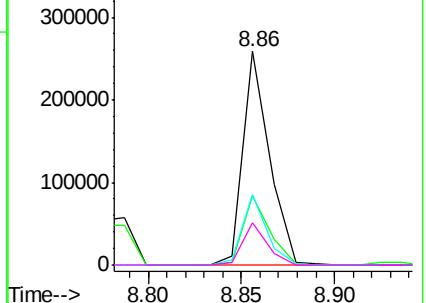


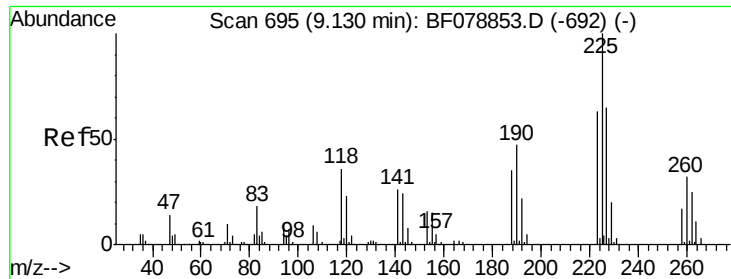
Abundance Ion 127.00 (126.70 to 127.70): E

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

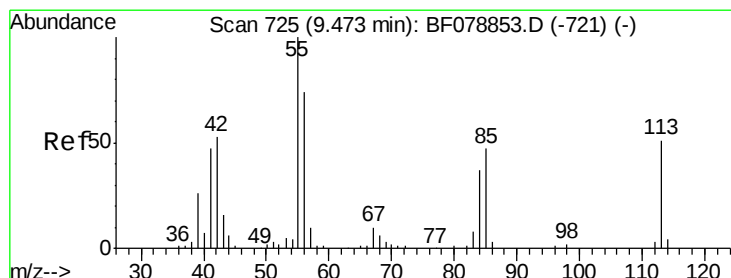
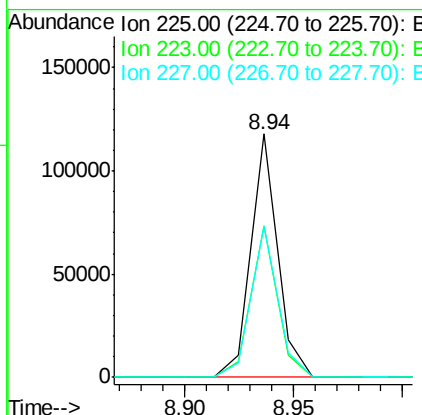
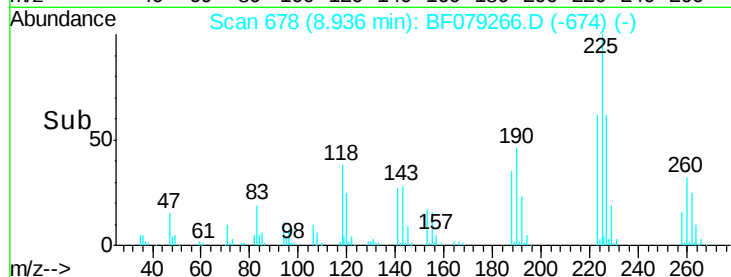
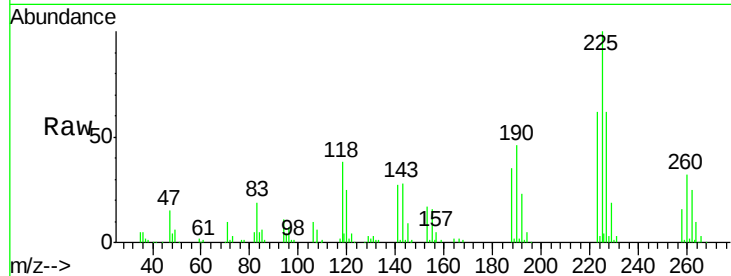




#34
Hexachlorobutadiene
Concen: 37.87 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF079266.D
Acq: 15 May 2015 13:27

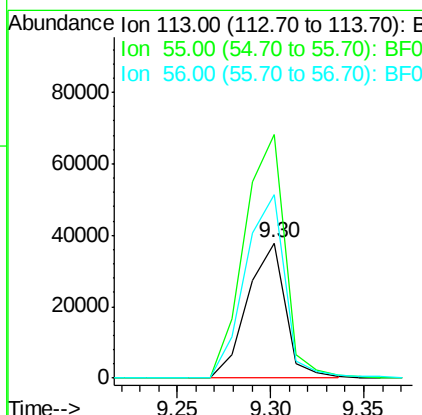
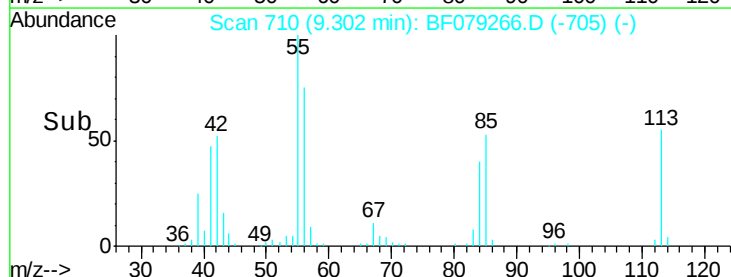
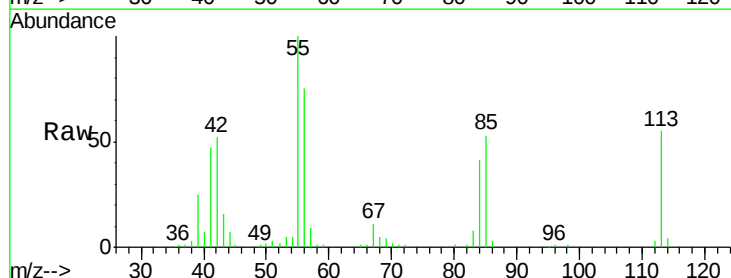
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

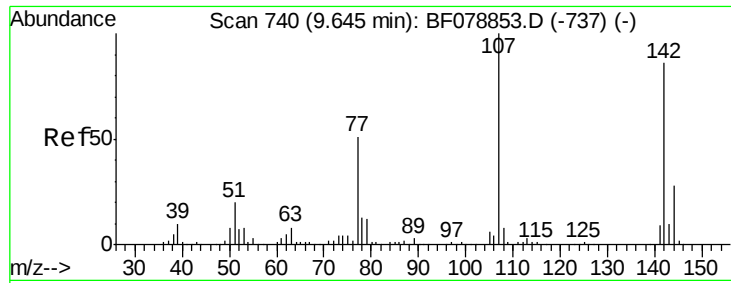
Tgt Ion: 225 Resp: 100806
Ion Ratio Lower Upper
225 100
223 62.4 50.6 75.8
227 62.4 52.1 78.1



#35
Caprolactam
Concen: 39.20 ng
RT: 9.30 min Scan# 710
Delta R.T. -0.03 min
Lab File: BF079266.D
Acq: 15 May 2015 13:27

Tgt Ion: 113 Resp: 53345
Ion Ratio Lower Upper
113 100
55 180.4 176.0 216.0
56 136.1 123.8 163.8

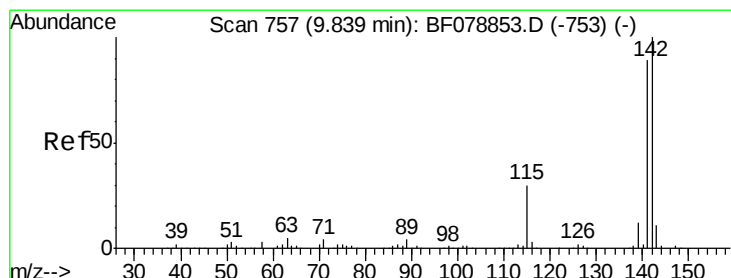
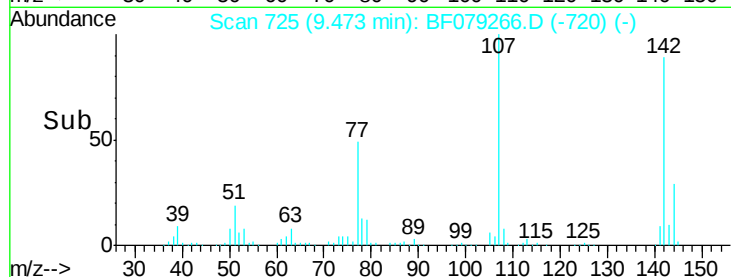
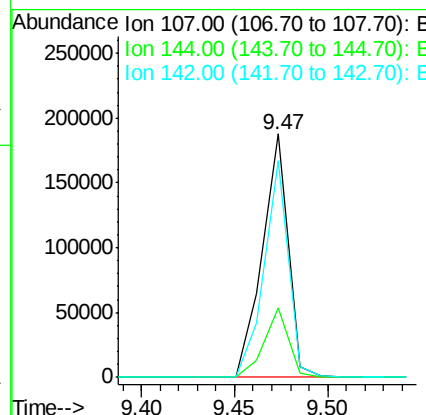
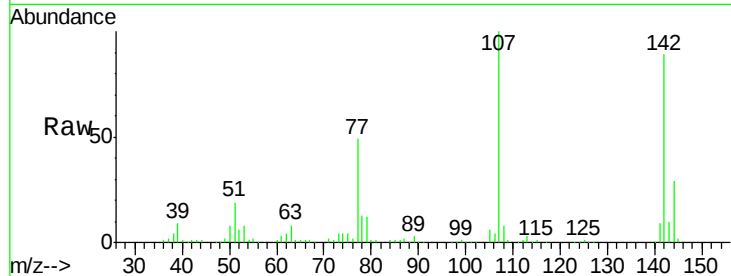




#36
 4-Chloro-3-methylphenol
 Concen: 40.72 ng
 RT: 9.47 min Scan# 725
 Delta R.T. -0.03 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

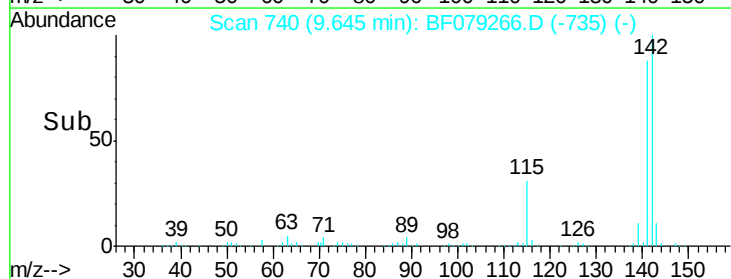
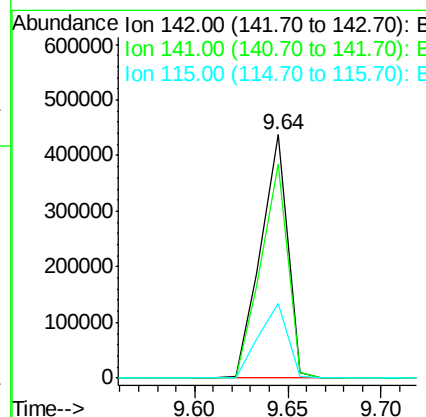
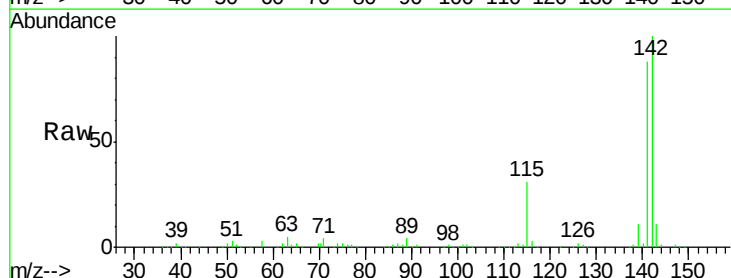
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

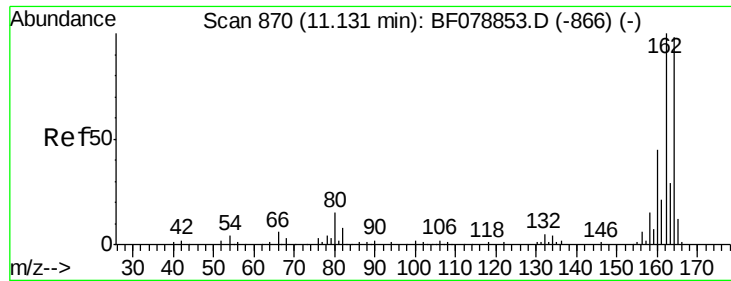
Tgt Ion:107 Resp: 179994
 Ion Ratio Lower Upper
 107 100
 144 28.7 22.5 33.7
 142 89.1 68.6 103.0



#37
 2-Methylnaphthalene
 Concen: 39.96 ng
 RT: 9.64 min Scan# 740
 Delta R.T. -0.03 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion:142 Resp: 437153
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.6 107.4
 115 30.8 24.2 36.4

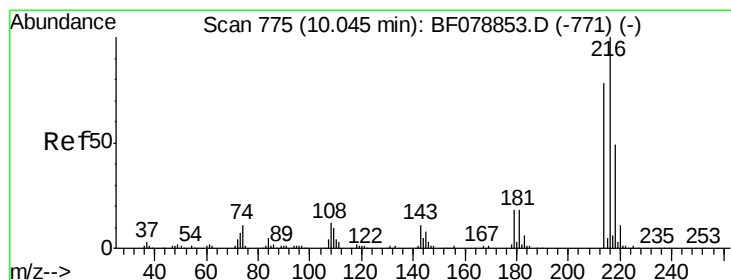
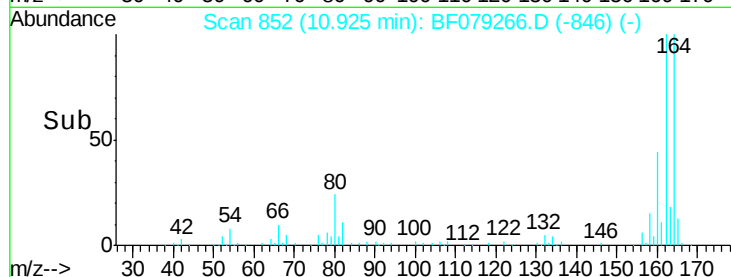
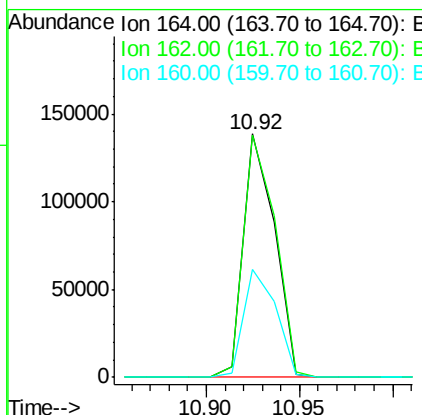
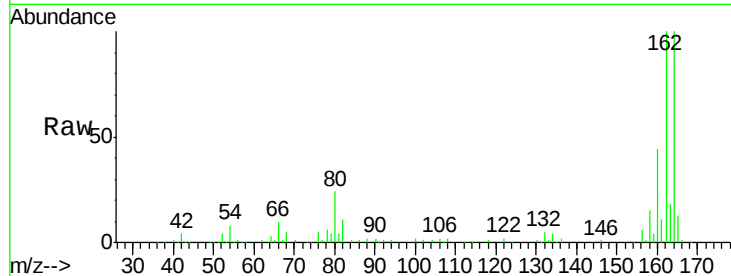




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

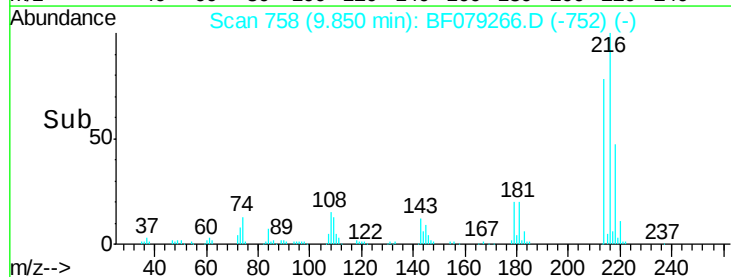
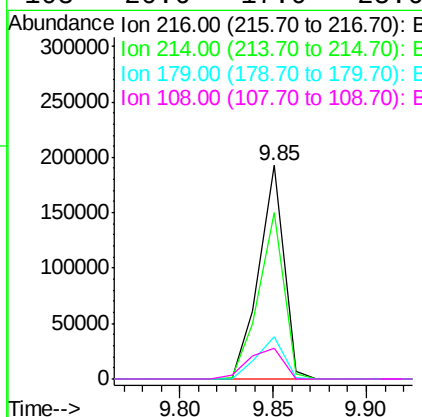
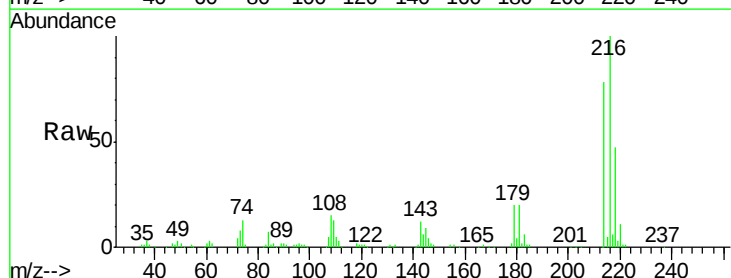
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

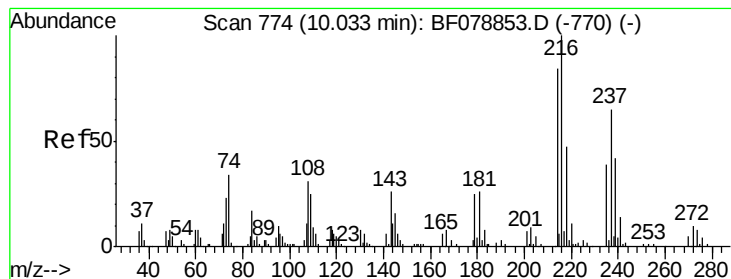
Tgt Ion:164 Resp: 161100
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.4 122.0
 160 44.2 36.6 54.8



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.57 ng
 RT: 9.85 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion:216 Resp: 179545
 Ion Ratio Lower Upper
 216 100
 214 78.3 64.0 96.0
 179 21.6 17.0 25.4
 108 20.6 17.0 25.6





#40

Hexachlorocyclopentadiene

Concen: 33.01 ng

RT: 9.83 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

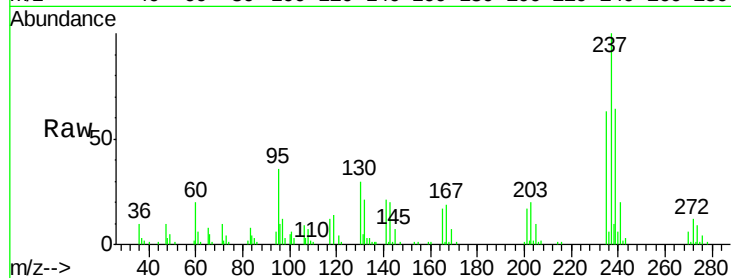
Tgt Ion:237 Resp: 75309

Ion Ratio Lower Upper

237 100

235 63.4 40.0 80.0

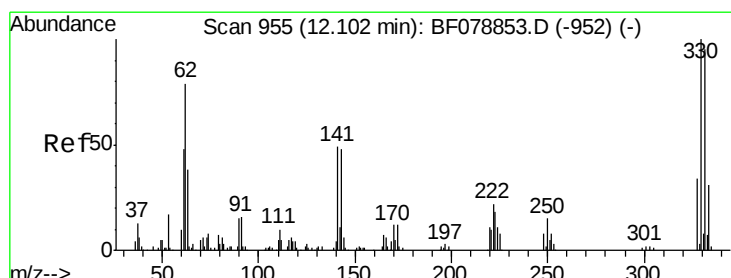
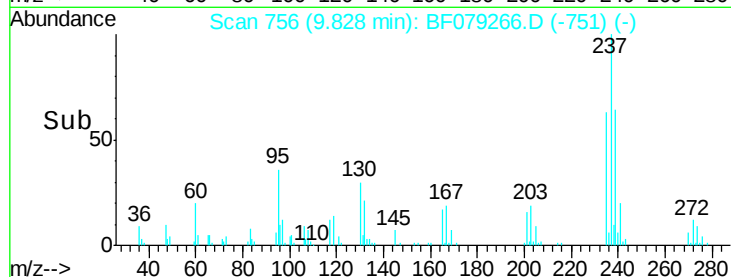
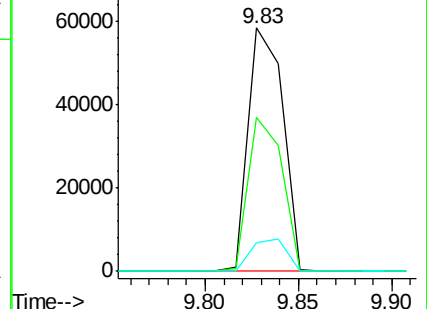
272 11.6 0.0 36.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 77.67 ng

RT: 11.91 min Scan# 938

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

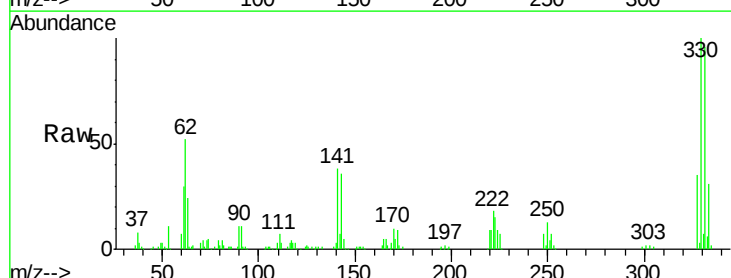
Tgt Ion:330 Resp: 135355

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

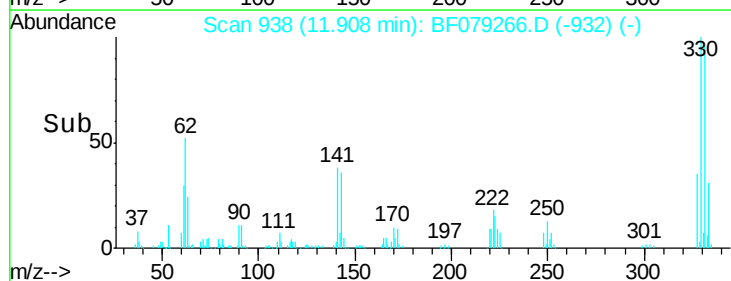
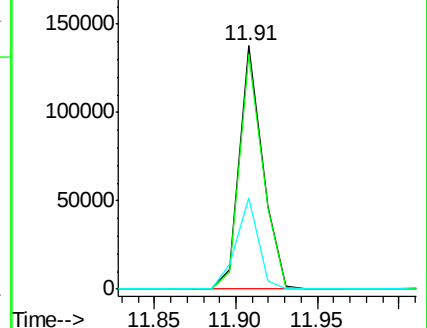
141 35.7 27.8 41.8

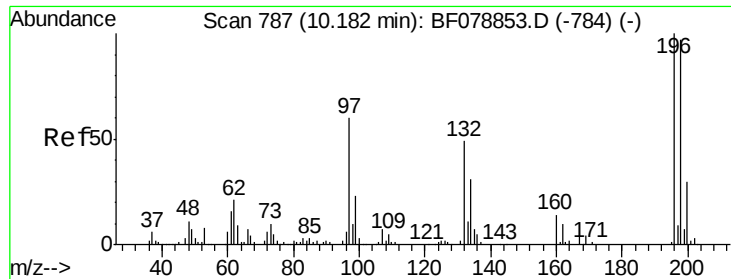


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

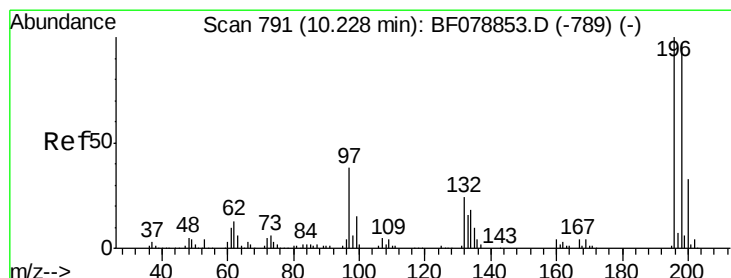
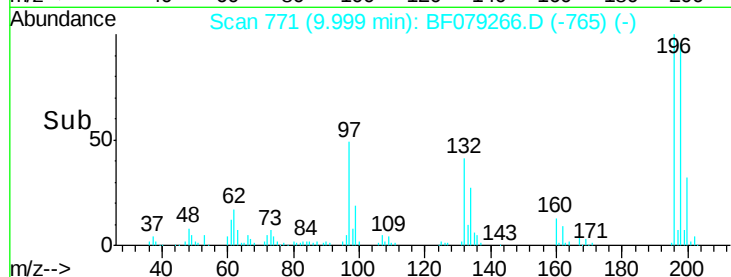
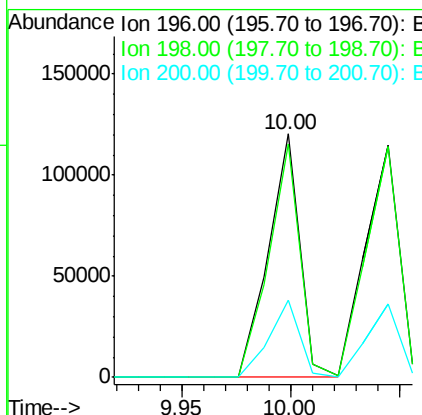
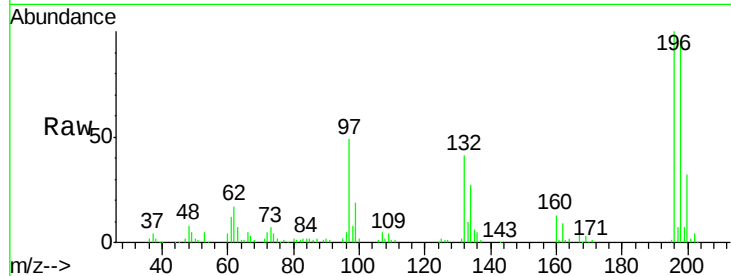




#42
 2,4,6-Trichlorophenol
 Concen: 39.06 ng
 RT: 10.00 min Scan# 771
 Delta R.T. -0.03 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

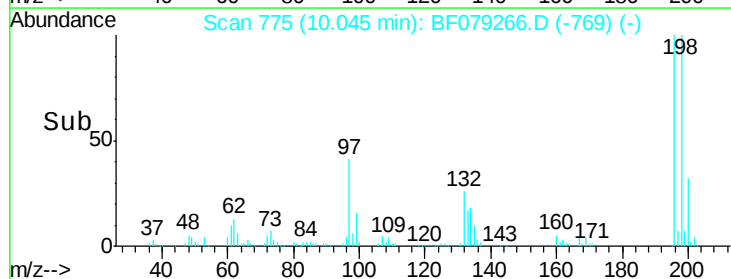
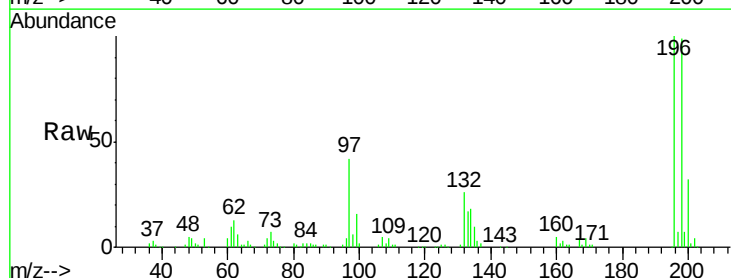
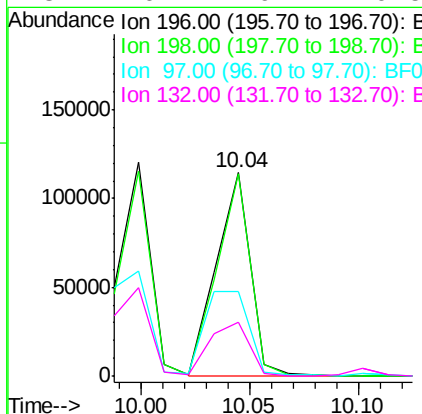
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

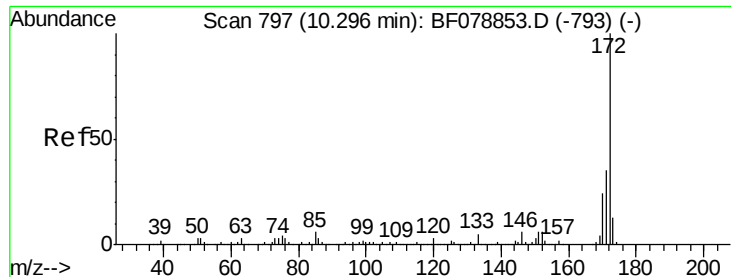
Tgt Ion:196 Resp: 121853
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.4 116.2
 200 31.7 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 39.08 ng
 RT: 10.04 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion:196 Resp: 123231
 Ion Ratio Lower Upper
 196 100
 198 99.5 77.3 115.9
 97 41.6 31.3 46.9
 132 26.2 19.7 29.5





#44

2-Fluorobiphenyl

Concen: 72.05 ng

RT: 10.10 min Scan# 780

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

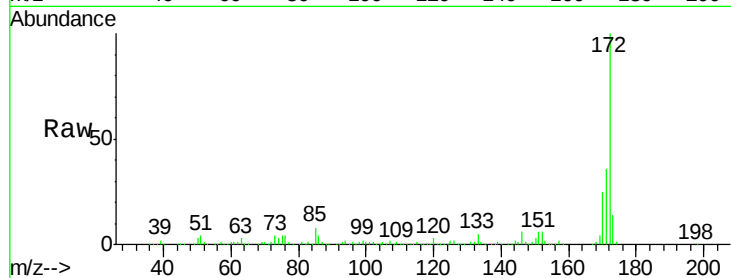
Tgt Ion:172 Resp: 833092

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

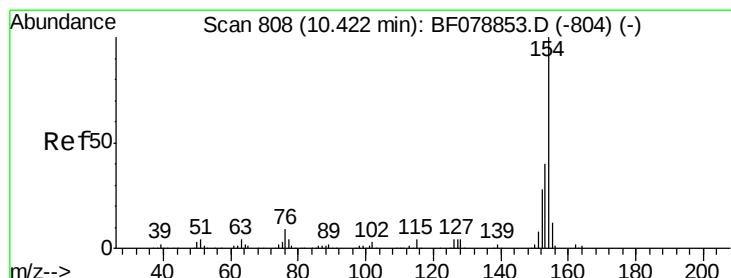
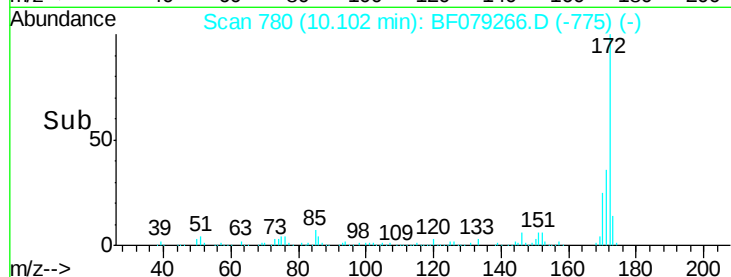
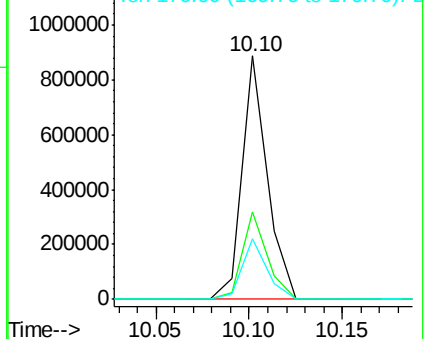
170 25.1 19.4 29.2



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: 39.43 ng

RT: 10.23 min Scan# 791

Delta R.T. -0.03 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

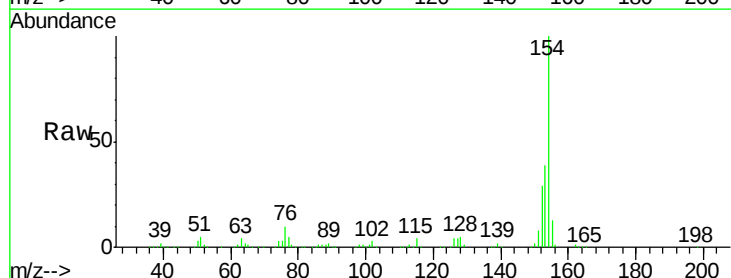
Tgt Ion:154 Resp: 504925

Ion Ratio Lower Upper

154 100

153 39.5 19.7 59.7

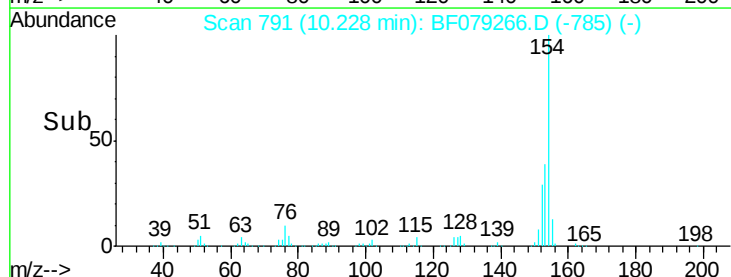
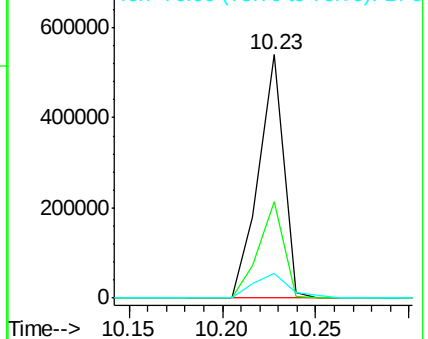
76 9.9 0.0 29.1

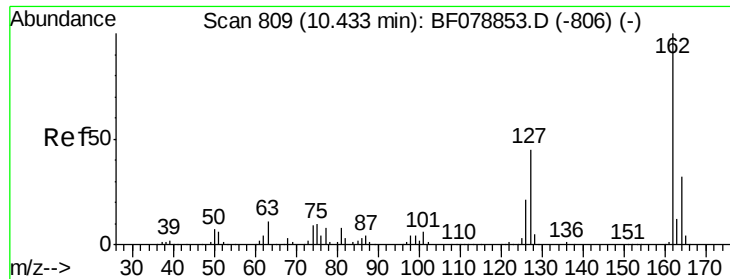


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

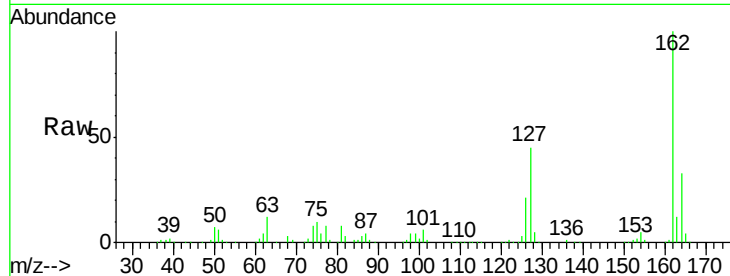




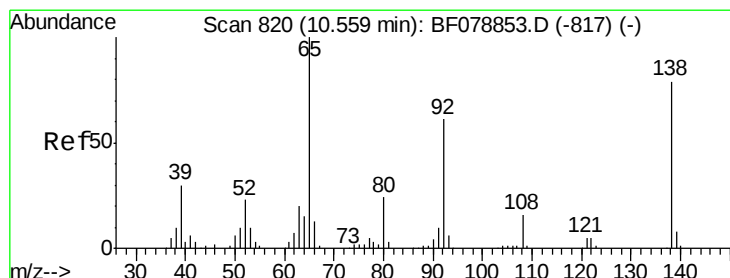
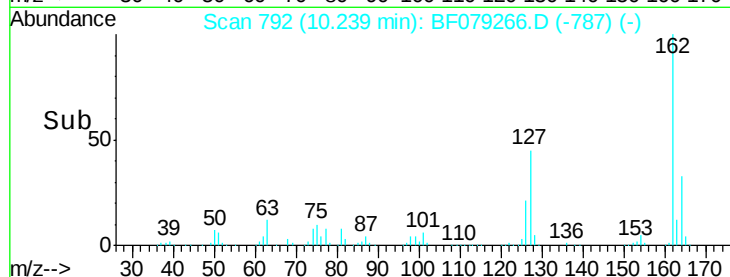
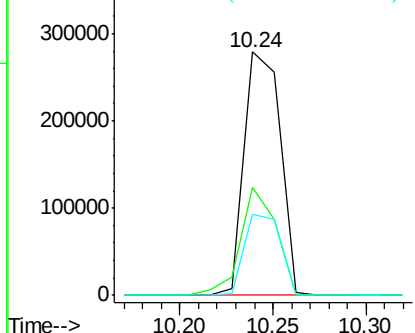
#46
 2-Chloronaphthalene
 Concen: 37.45 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 374101
 Ion Ratio Lower Upper
 162 100
 127 44.5 36.3 54.5
 164 33.2 25.9 38.9

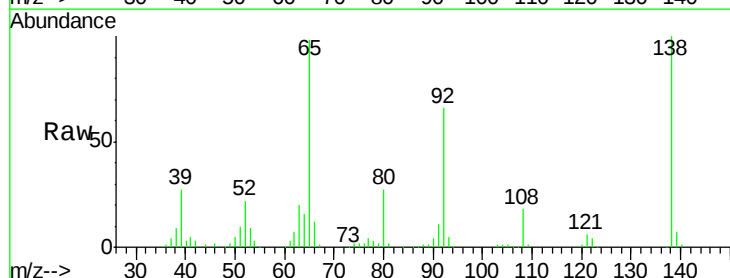


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

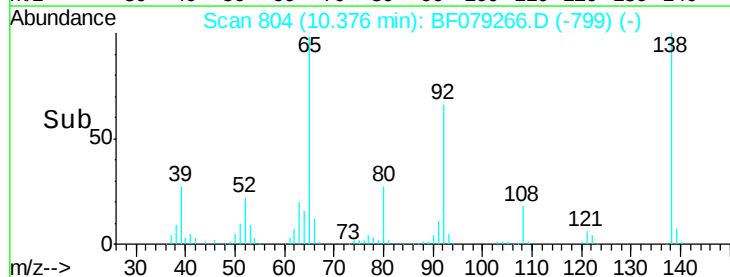
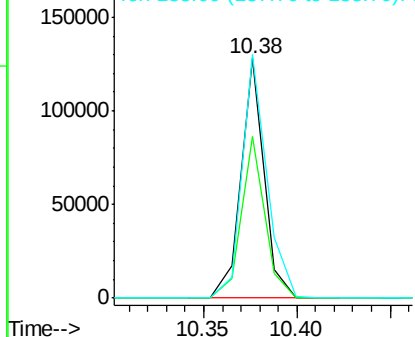


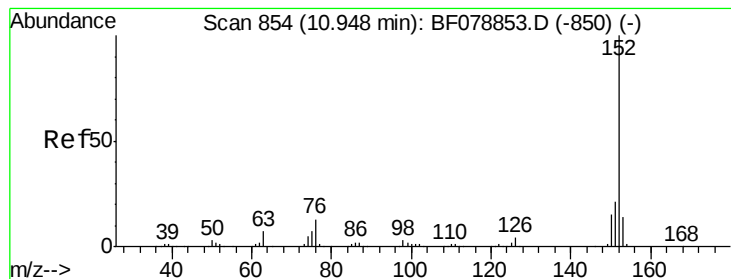
#47
 2-Nitroaniline
 Concen: 38.10 ng
 RT: 10.38 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion: 65 Resp: 110288
 Ion Ratio Lower Upper
 65 100
 92 67.6 49.1 73.7
 138 101.7 63.2 94.8#



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





#48

Acenaphthylene

Concen: 38.05 ng

RT: 10.75 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

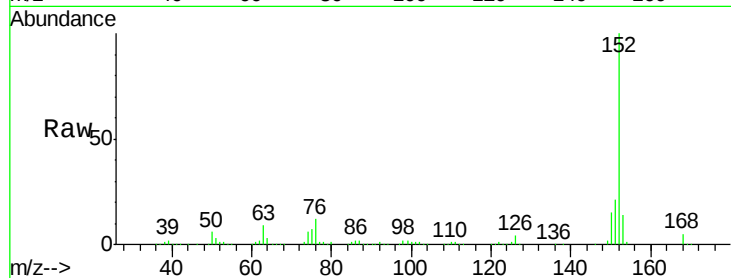
Tgt Ion:152 Resp: 624093

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8

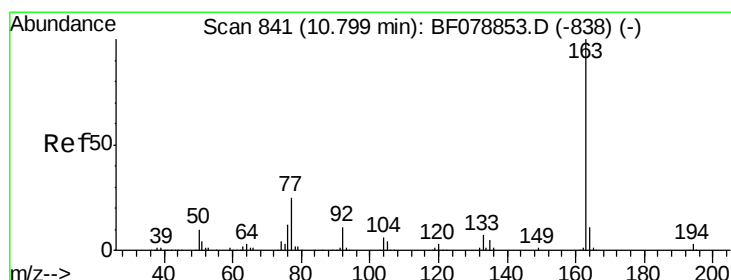
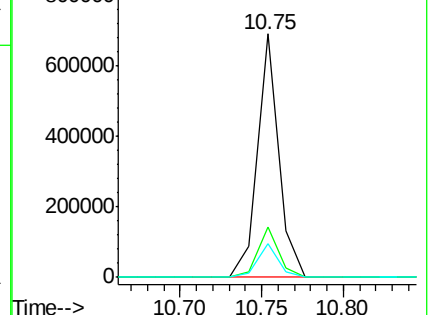
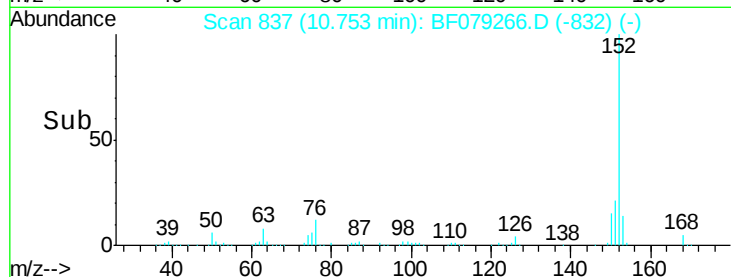
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 37.04 ng

RT: 10.62 min Scan# 825

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

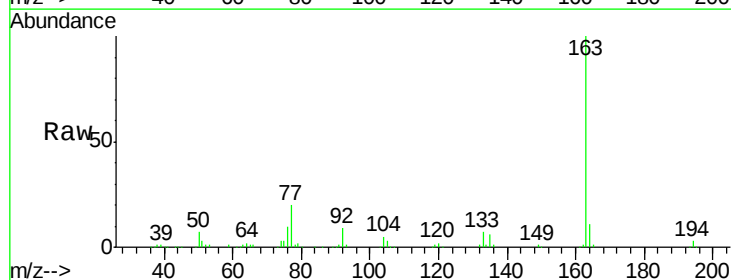
Tgt Ion:163 Resp: 437999

Ion Ratio Lower Upper

163 100

194 3.0 2.4 3.6

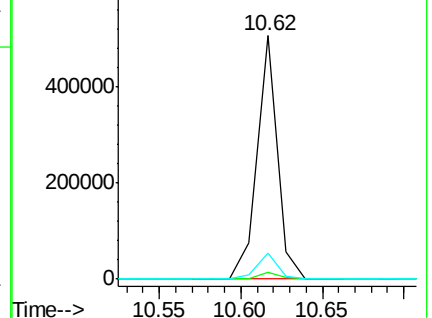
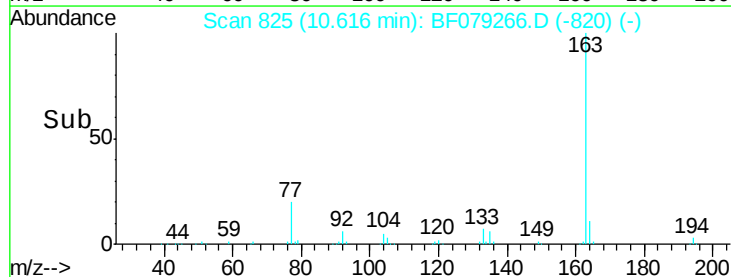
164 10.5 8.6 12.8

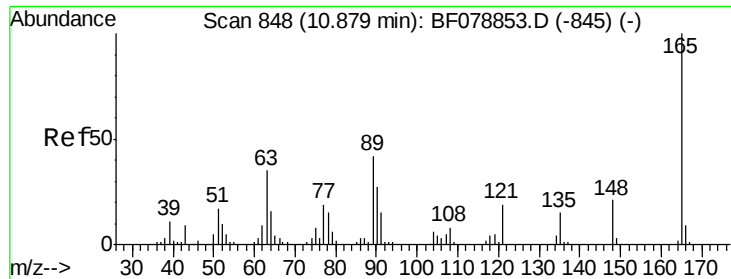


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

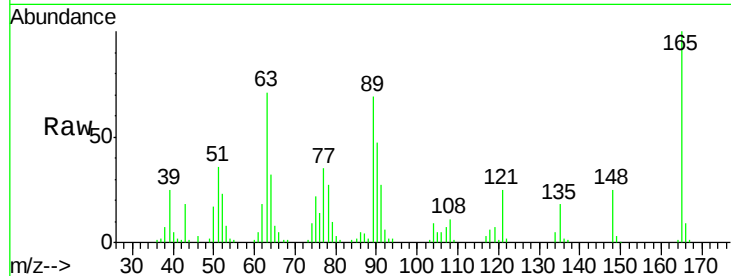




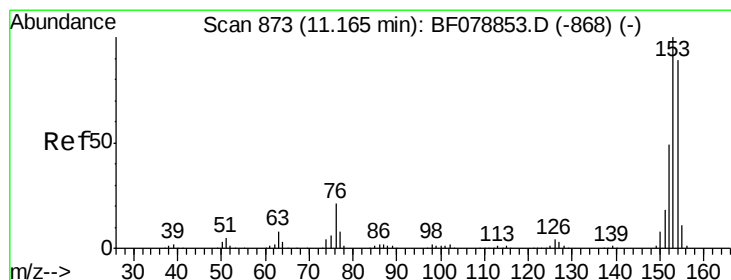
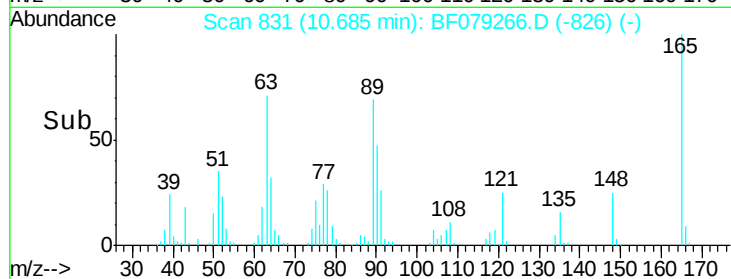
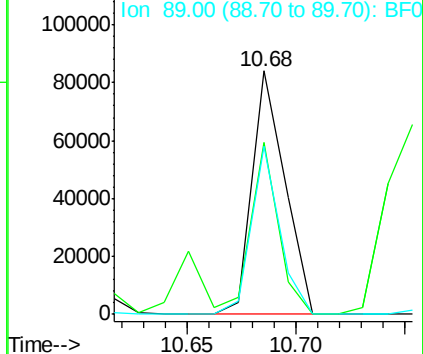
#50
 2,6-Dinitrotoluene
 Concen: 37.72 ng
 RT: 10.68 min Scan# 831
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:165 Resp: 88026
 Ion Ratio Lower Upper
 165 100
 63 70.7 29.2 43.8#
 89 68.8 33.3 49.9#

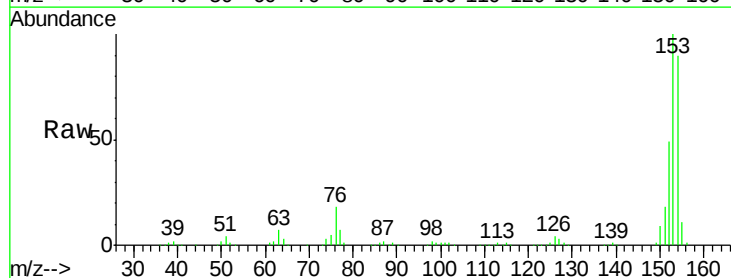


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

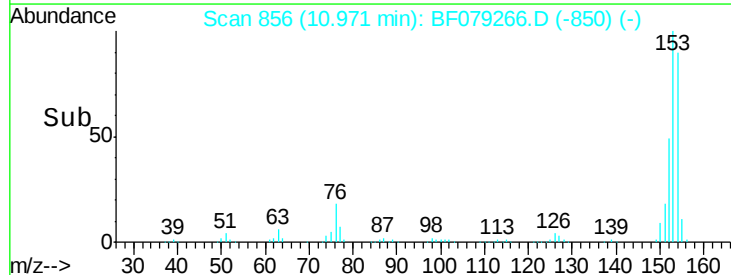
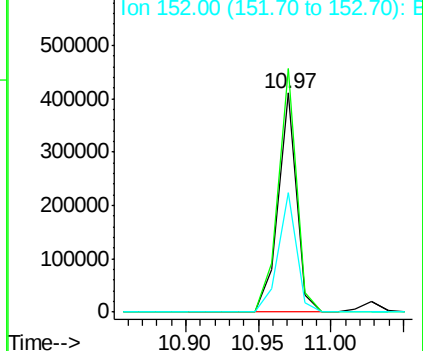


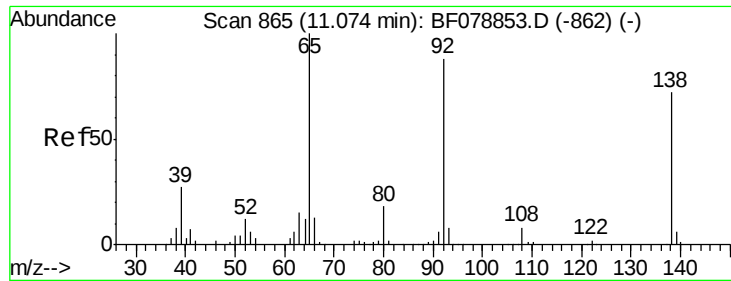
#51
 Acenaphthene
 Concen: 36.76 ng
 RT: 10.97 min Scan# 856
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion:154 Resp: 359577
 Ion Ratio Lower Upper
 154 100
 153 111.1 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

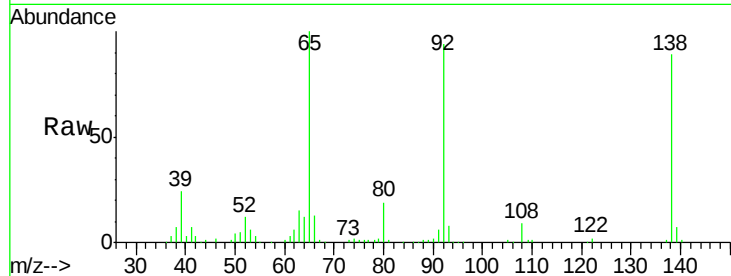




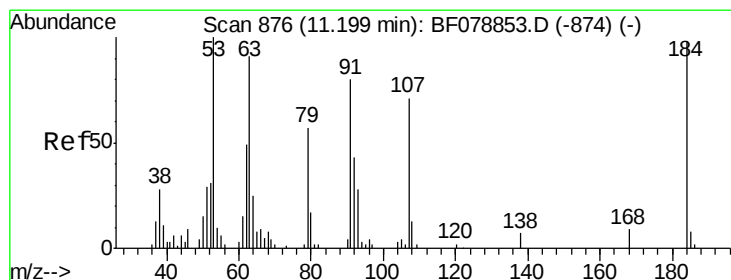
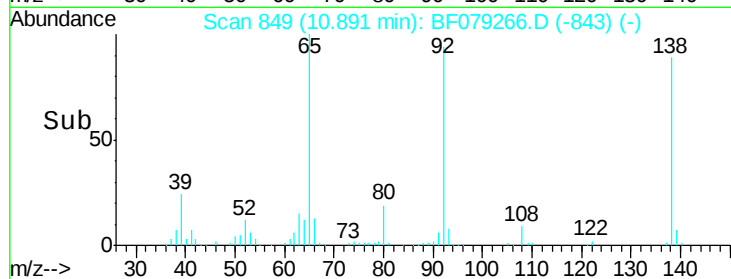
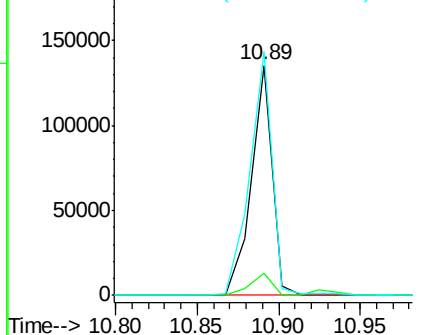
#52
 3-Nitroaniline
 Concen: 41.25 ng
 RT: 10.89 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:138 Resp: 120233
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.5 12.7
 92 105.9 97.4 146.0

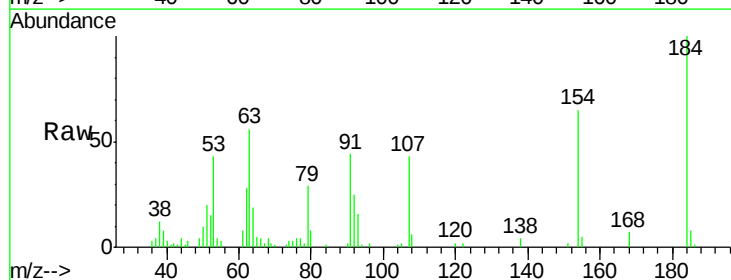


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

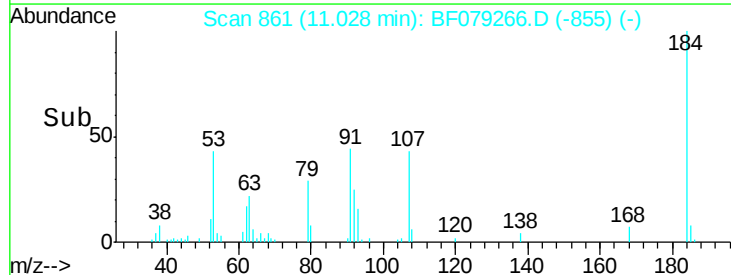
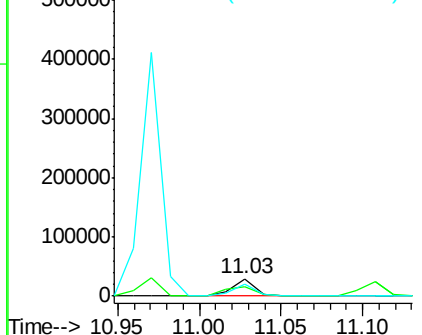


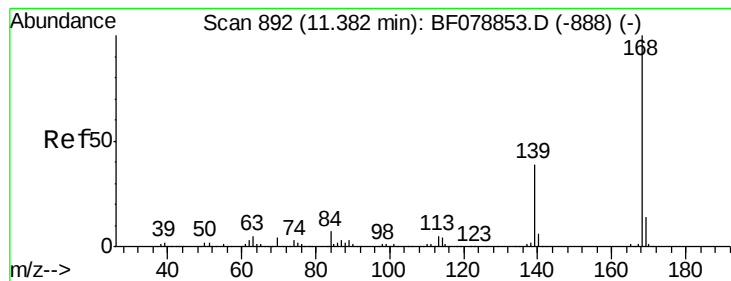
#53
 2,4-Dinitrophenol
 Concen: 44.19 ng
 RT: 11.03 min Scan# 861
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion:184 Resp: 30103
 Ion Ratio Lower Upper
 184 100
 63 56.3 98.8 148.2#
 154 64.5 63.4 95.0



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





#54

Dibenzenofuran

Concen: 37.86 ng

RT: 11.19 min Scan# 875

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

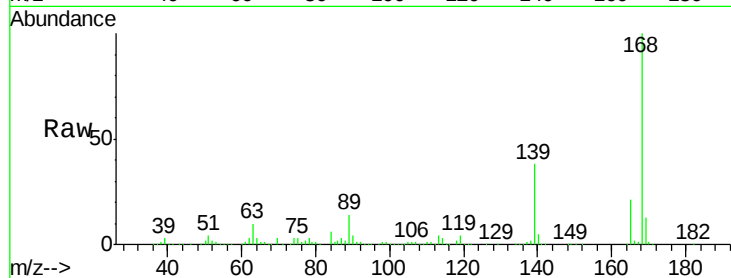
Tgt Ion:168 Resp: 534872

Ion Ratio Lower Upper

168 100

139 37.7 31.5 47.3

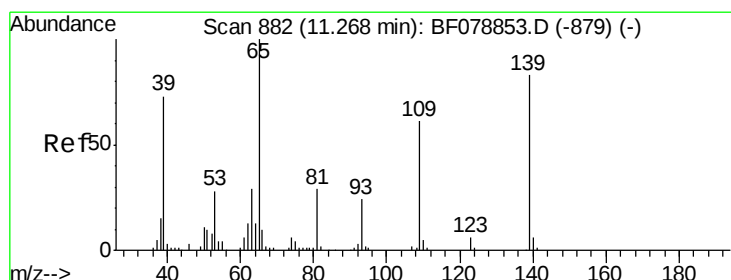
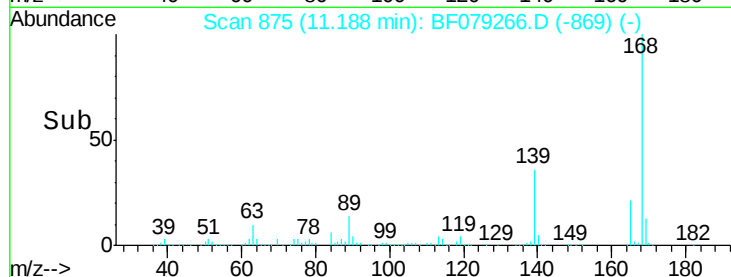
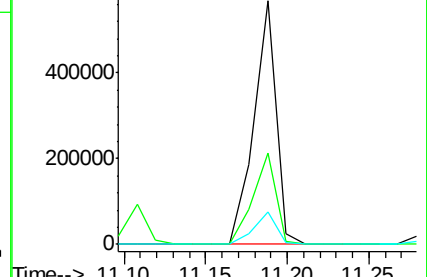
169 13.4 11.0 16.4



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: 36.80 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

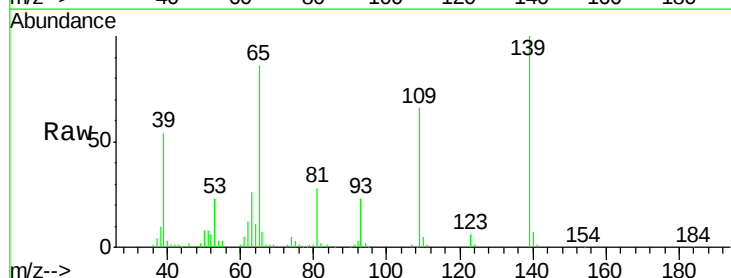
Tgt Ion:139 Resp: 84892

Ion Ratio Lower Upper

139 100

109 65.8 54.4 94.4

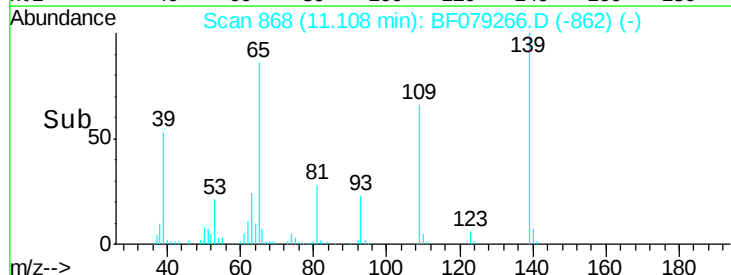
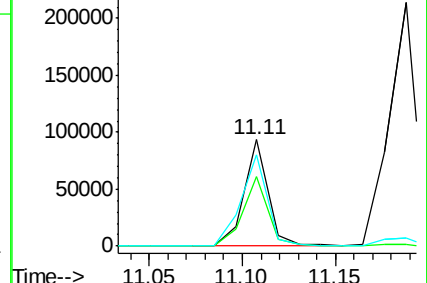
65 86.4 101.0 141.0#

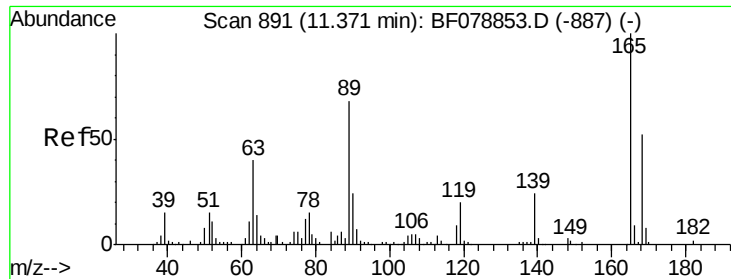


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

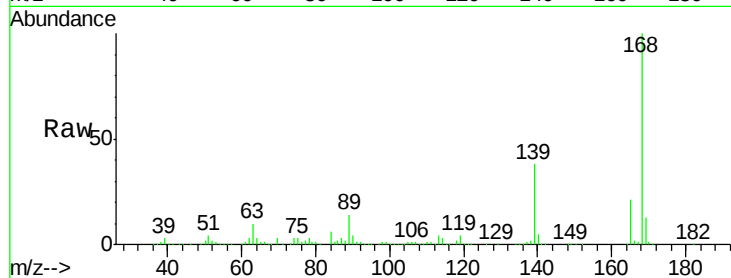




#56
2,4-Dinitrotoluene
Concen: 40.02 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.05 min
Lab File: BF079266.D
Acq: 15 May 2015 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	165	Resp:	123455
Ion	Ratio	Lower	Upper
165	100		
63	47.6	32.3	48.5
89	65.5	54.6	81.8
182	2.3	1.8	2.6

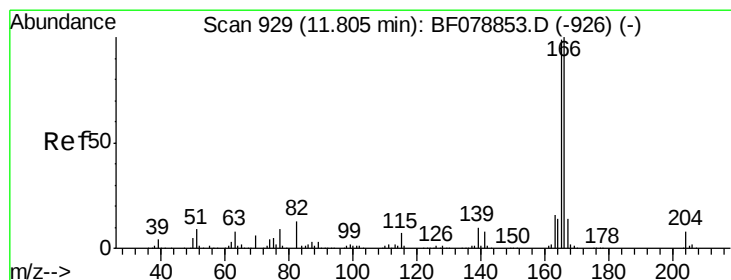
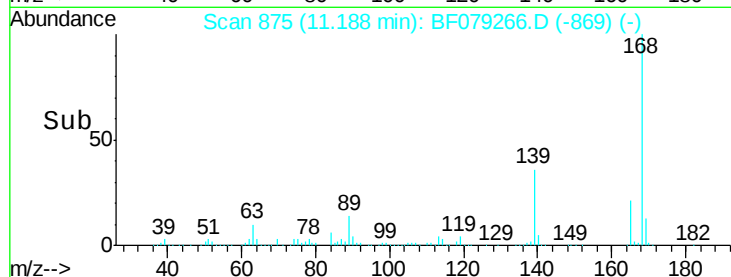
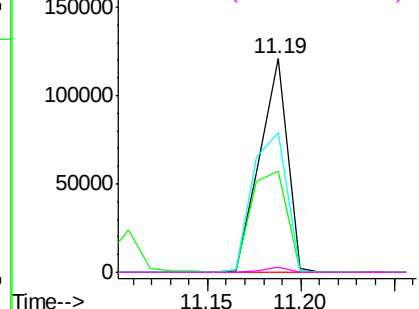


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

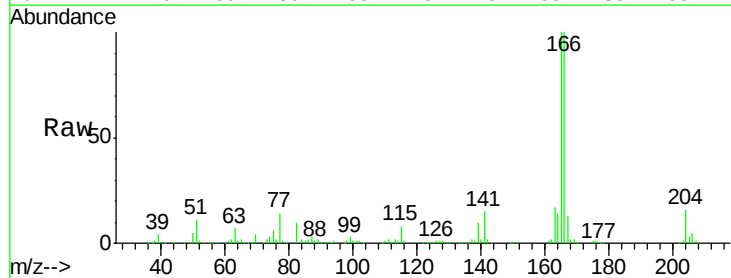
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 37.54 ng
RT: 11.61 min Scan# 912
Delta R.T. -0.05 min
Lab File: BF079266.D
Acq: 15 May 2015 13:27

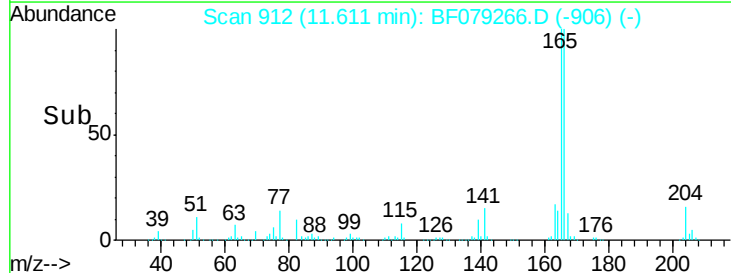
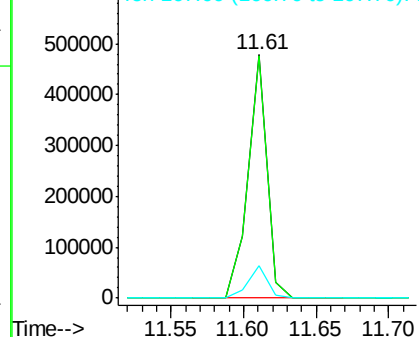
Tgt Ion:	166	Resp:	435349
Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.5	119.3
167	13.4	11.0	16.6

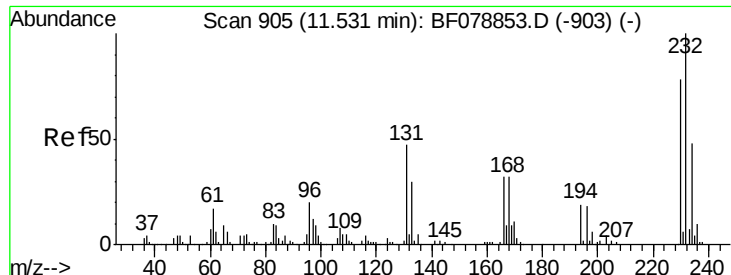


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

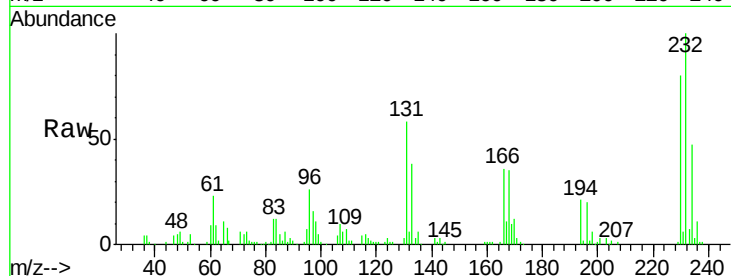




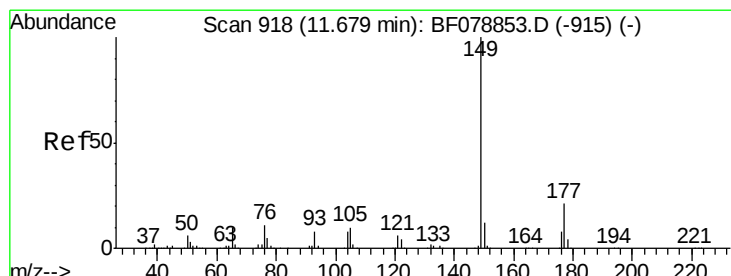
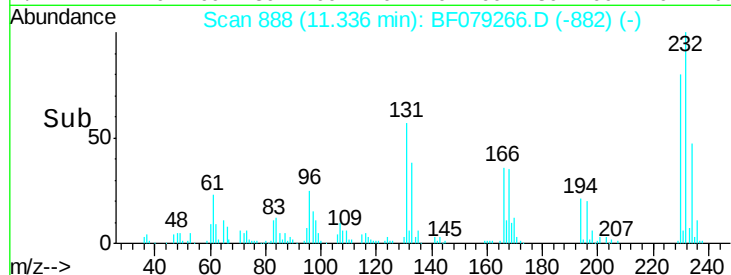
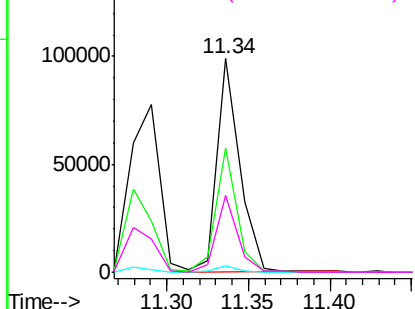
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.01 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	232	Resp:	95367
Ion	Ratio	Lower	Upper
232	100		
131	53.9	41.9	62.9
130	2.6	1.9	2.9
166	33.9	27.0	40.6

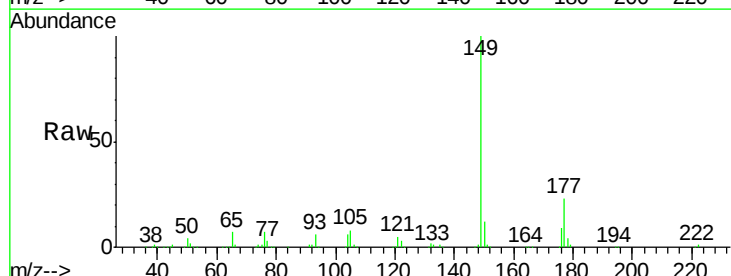


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

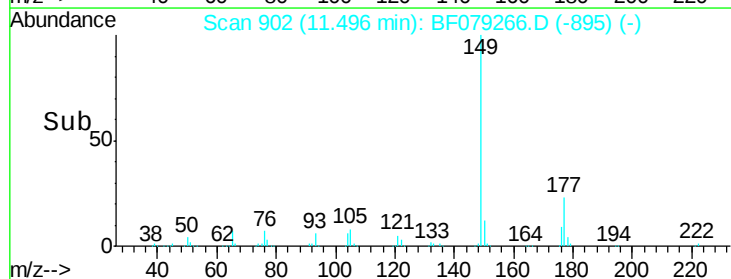
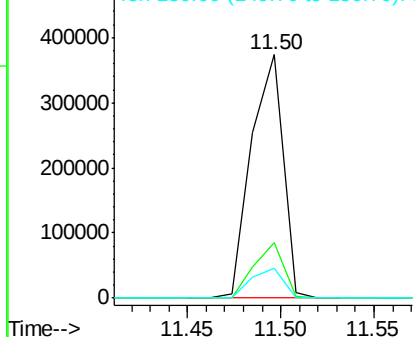


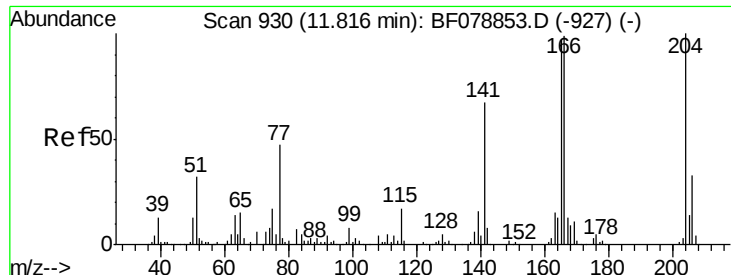
#59
 Diethylphthalate
 Concen: 37.66 ng
 RT: 11.50 min Scan# 902
 Delta R.T. -0.03 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion:	149	Resp:	441164
Ion	Ratio	Lower	Upper
149	100		
177	22.7	16.4	24.6
150	12.3	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

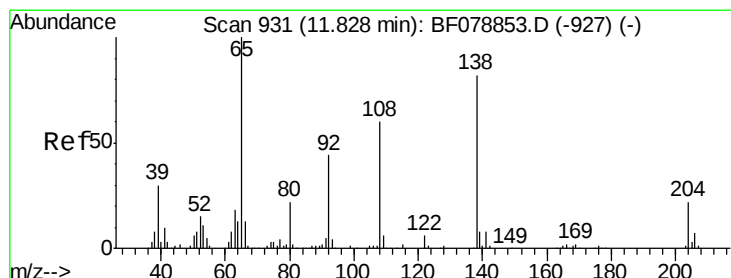
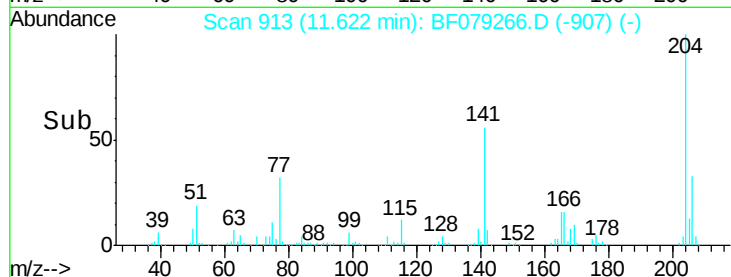
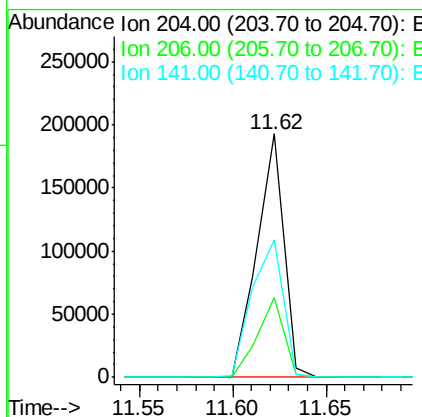
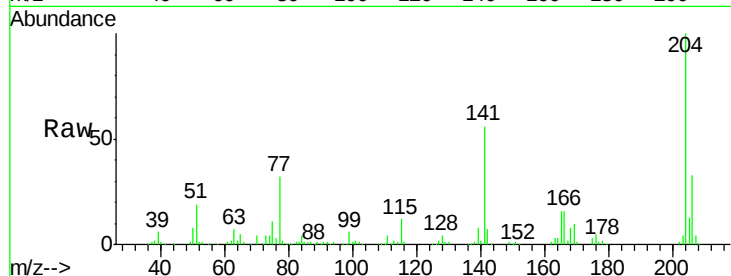




#60
 4-Chlorophenyl-phenylether
 Concen: 37.25 ng
 RT: 11.62 min Scan# 913
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

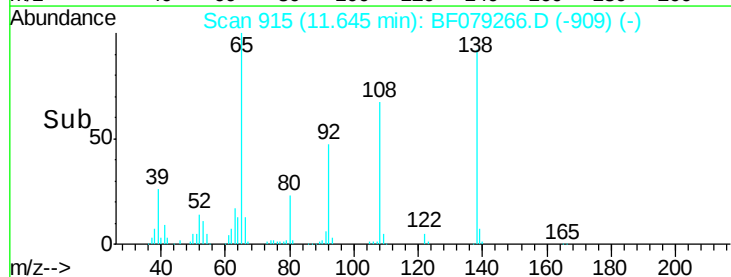
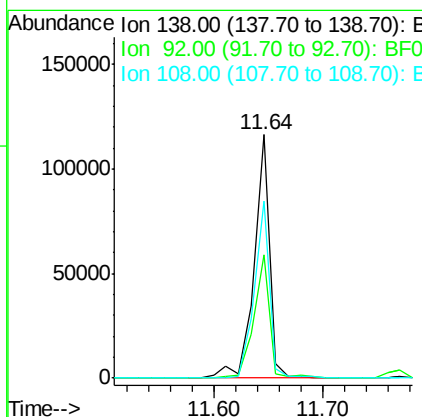
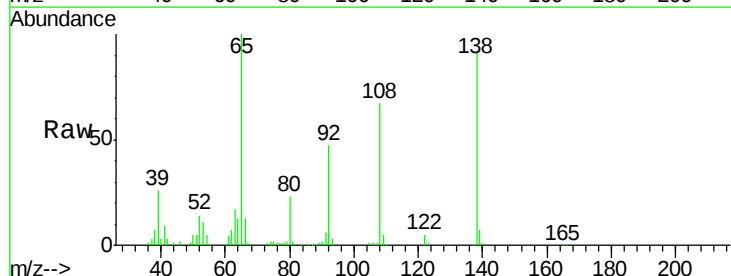
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

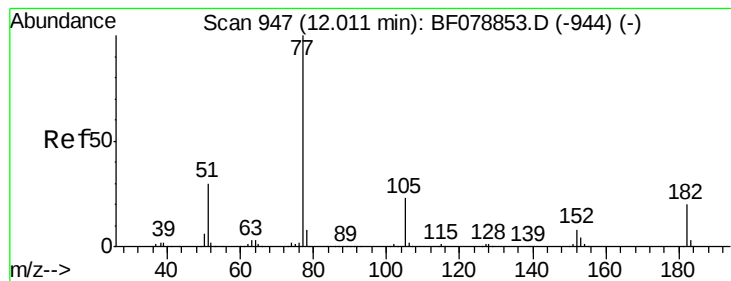
Tgt Ion: 204 Resp: 191652
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.2 39.4
 141 56.4 53.6 80.4



#61
 4-Nitroaniline
 Concen: 39.73 ng
 RT: 11.64 min Scan# 915
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion: 138 Resp: 115864
 Ion Ratio Lower Upper
 138 100
 92 50.9 33.7 73.7
 108 73.0 53.4 93.4





#62

Azobenzene

Concen: 40.97 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 472923

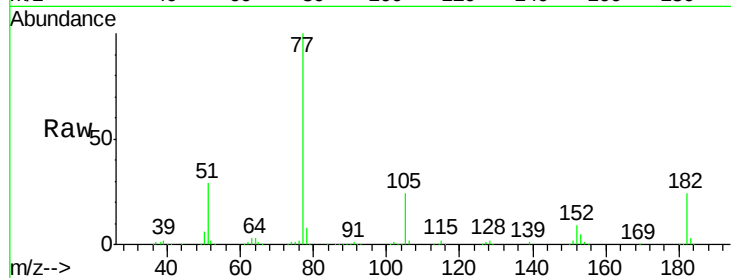
Ion Ratio Lower Upper

77 100

182 24.4 0.0 40.0

105 24.3 2.9 42.9

51 28.8 10.0 50.0

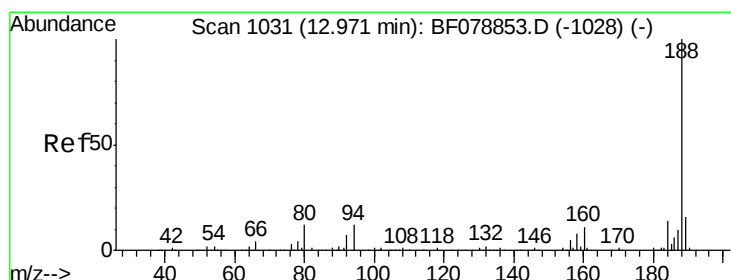
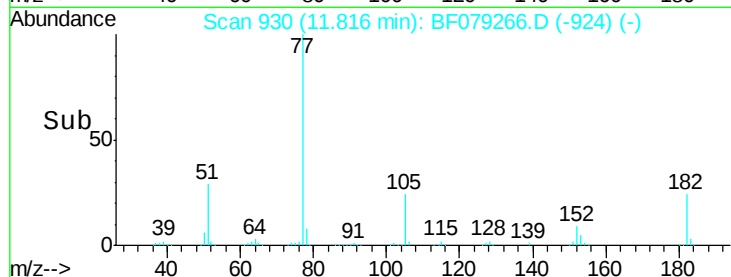
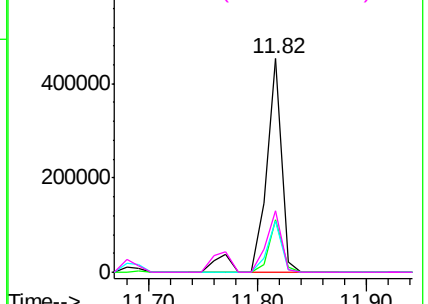


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.77 min Scan# 1013

Delta R.T. -0.06 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

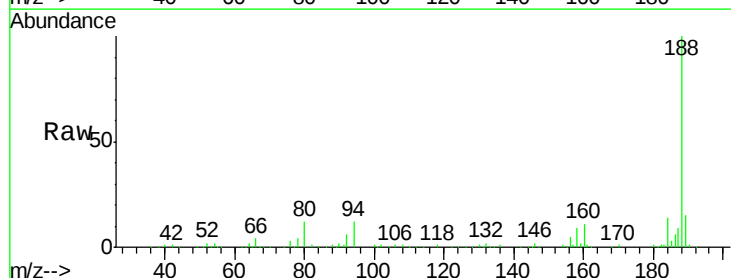
Tgt Ion: 188 Resp: 297653

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.0

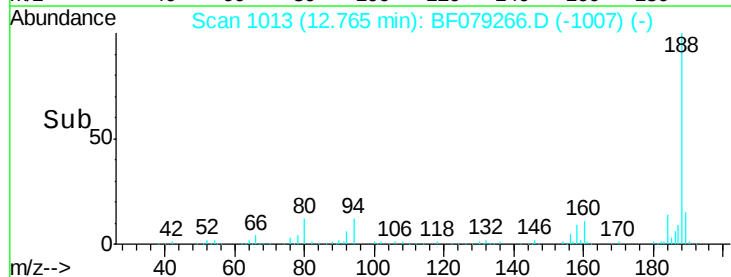
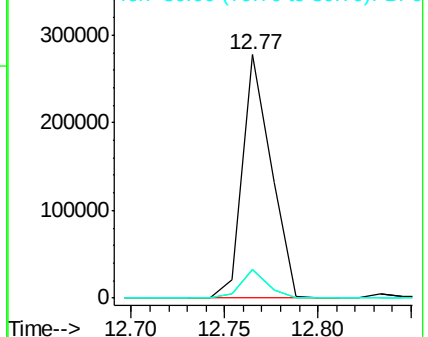
80 11.7 9.8 14.6

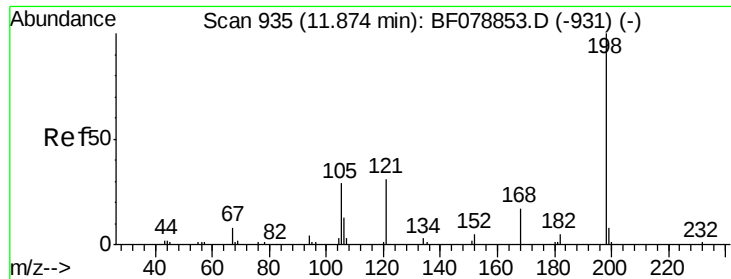


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

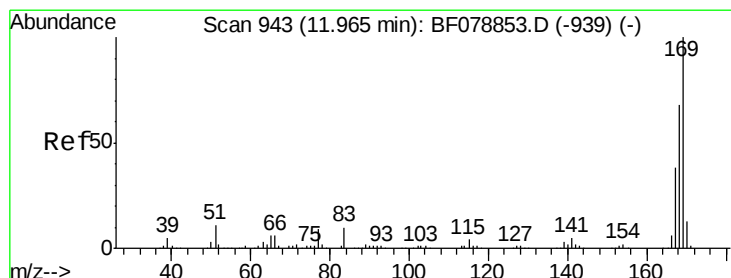
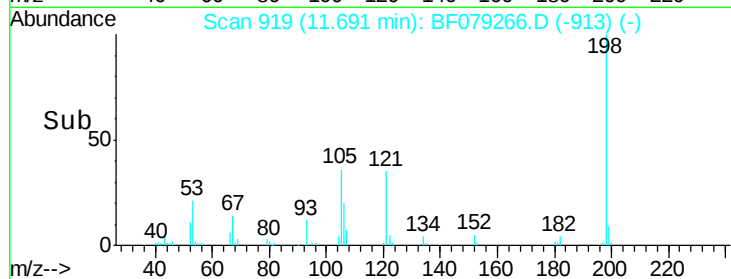
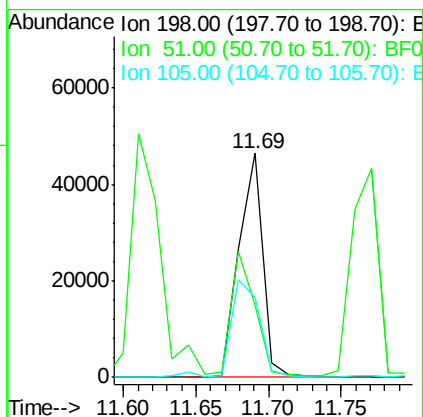
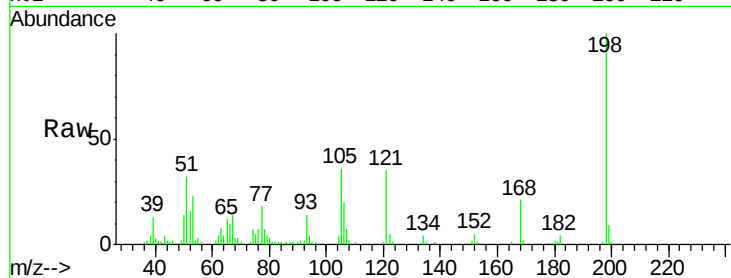




#64
4,6-Dinitro-2-methylphenol
Concen: 44.10 ng
RT: 11.69 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF079266.D
Acq: 15 May 2015 13:27

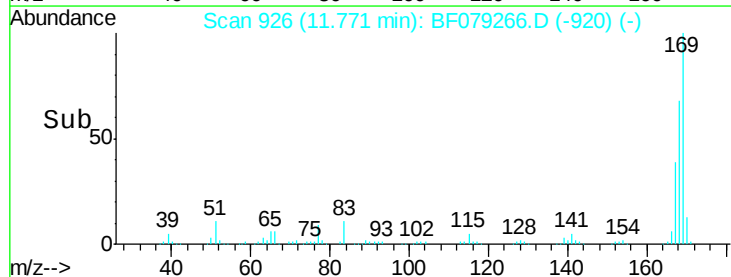
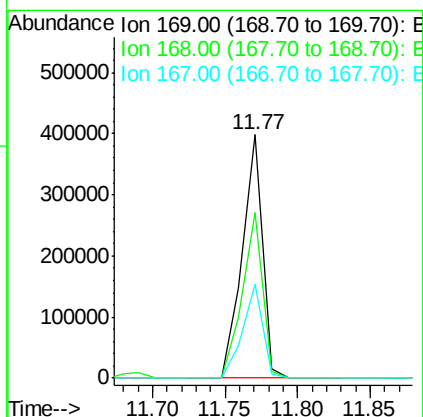
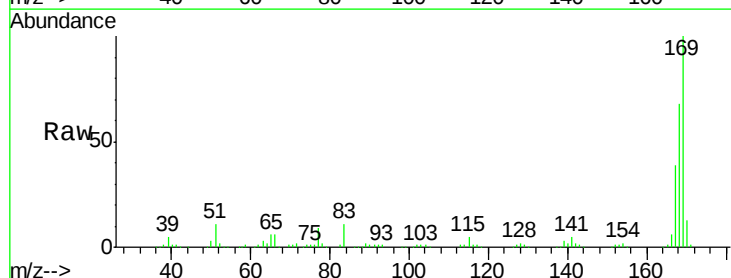
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

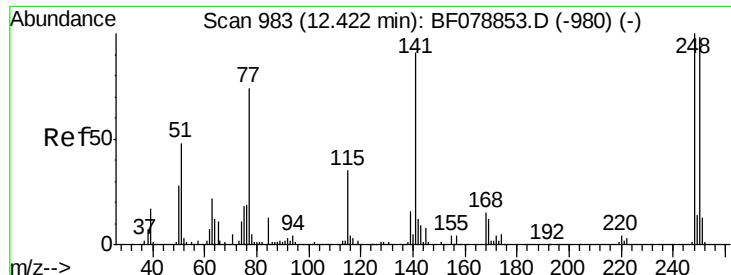
Tgt Ion:198 Resp: 52910
Ion Ratio Lower Upper
198 100
51 32.0 7.0 47.0
105 35.7 13.7 53.7



#65
n-Nitrosodiphenylamine
Concen: 38.98 ng
RT: 11.77 min Scan# 926
Delta R.T. -0.05 min
Lab File: BF079266.D
Acq: 15 May 2015 13:27

Tgt Ion:169 Resp: 386444
Ion Ratio Lower Upper
169 100
168 67.8 54.1 81.1
167 38.5 30.1 45.1

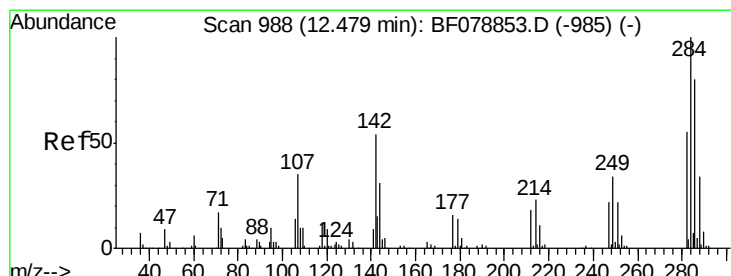
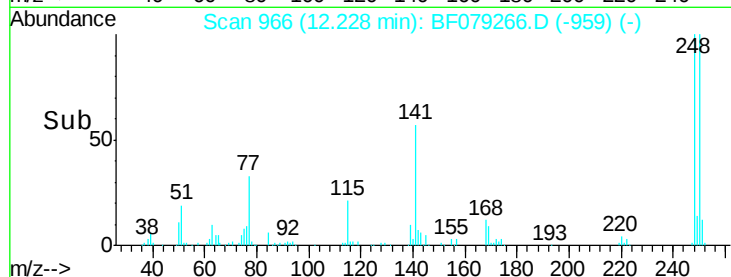
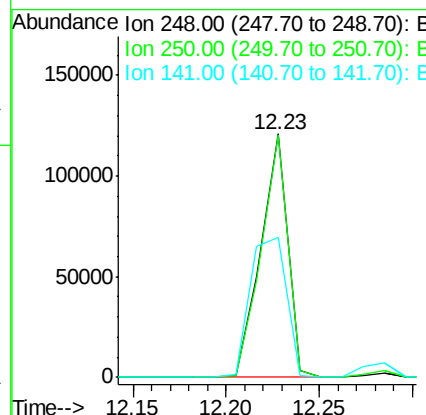
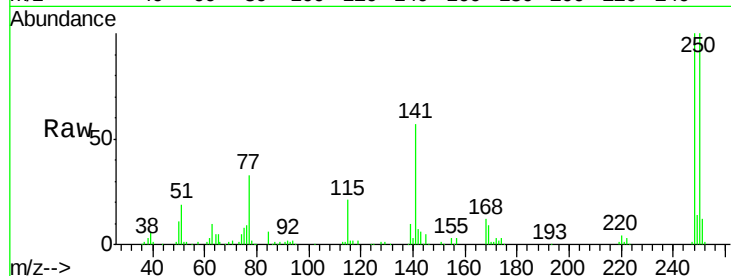




#66
 4-Bromophenyl-phenylether
 Concen: 38.63 ng
 RT: 12.23 min Scan# 966
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

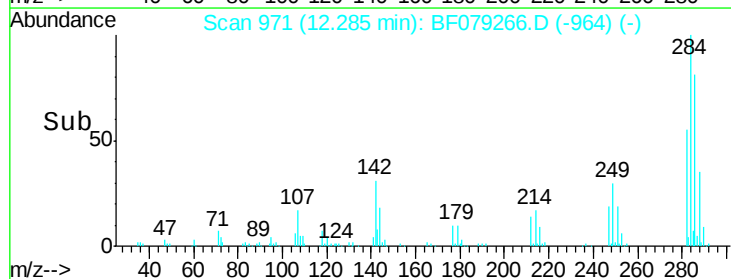
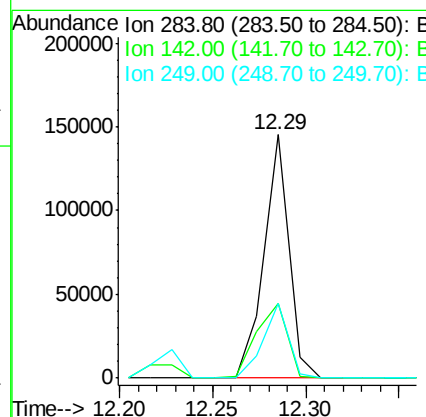
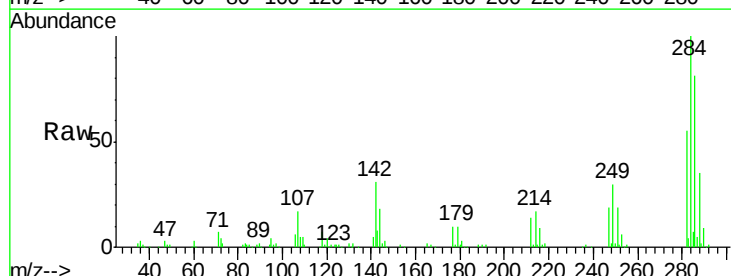
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

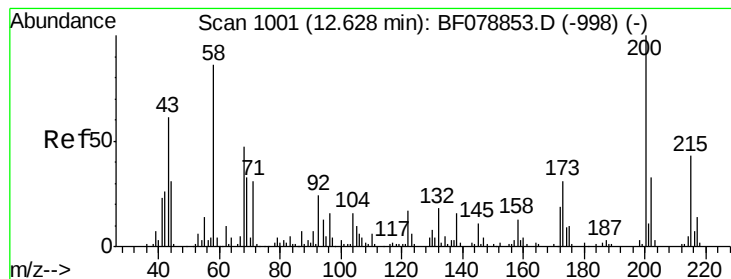
Tgt Ion: 248 Resp: 119847
 Ion Ratio Lower Upper
 248 100
 250 99.5 78.0 117.0
 141 57.3 72.6 109.0#



#67
 Hexachlorobenzene
 Concen: 37.66 ng
 RT: 12.29 min Scan# 971
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion: 284 Resp: 133562
 Ion Ratio Lower Upper
 284 100
 142 30.7 43.2 64.8#
 249 30.5 27.5 41.3





#68

Atrazine

Concen: 38.27 ng

RT: 12.45 min Scan# 985

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

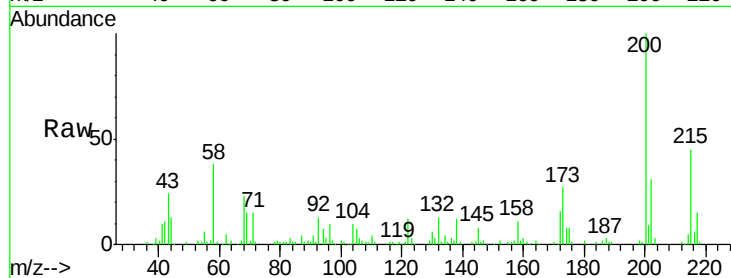
Tgt Ion:200 Resp: 110330

Ion Ratio Lower Upper

200 100

173 26.7 10.9 50.9

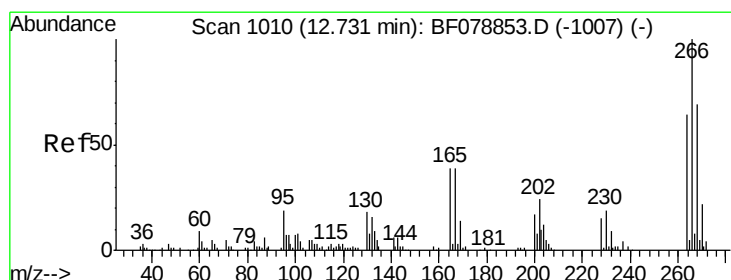
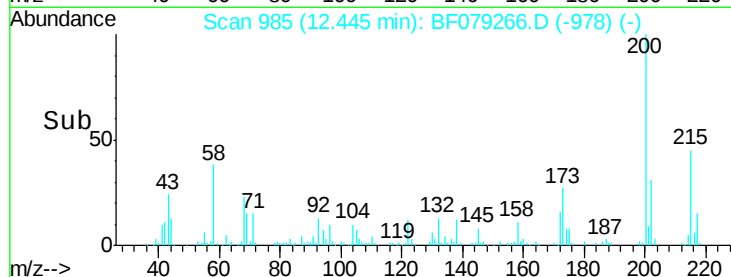
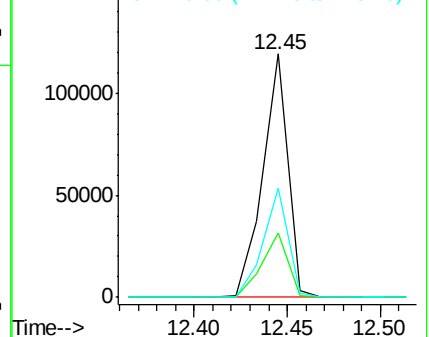
215 44.9 23.2 63.2



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: 38.26 ng

RT: 12.54 min Scan# 993

Delta R.T. -0.05 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

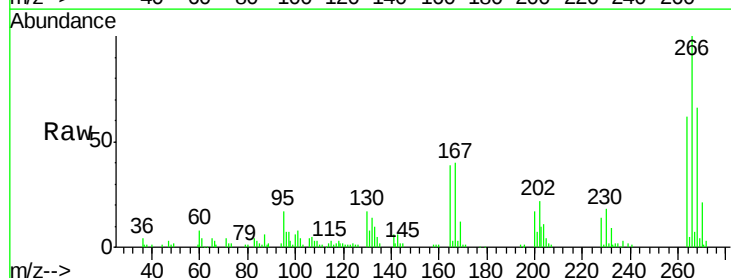
Tgt Ion:266 Resp: 71272

Ion Ratio Lower Upper

266 100

268 66.0 55.0 82.6

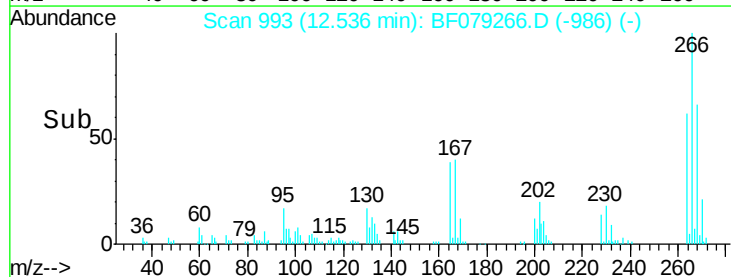
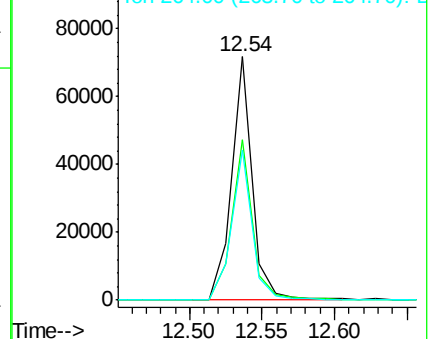
264 61.6 50.9 76.3

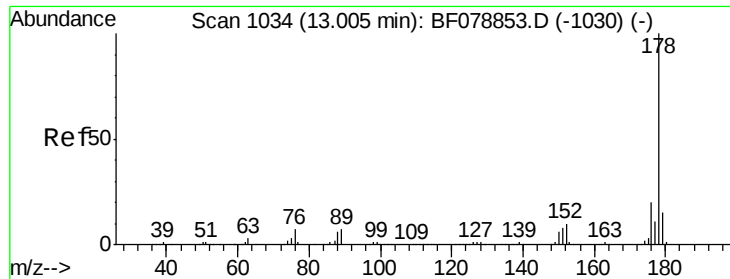


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

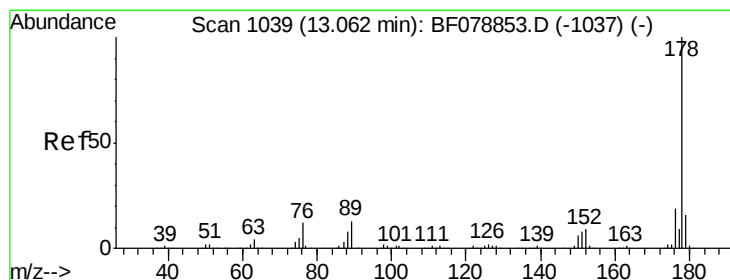
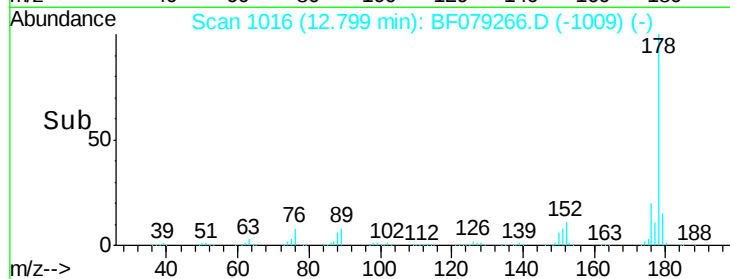
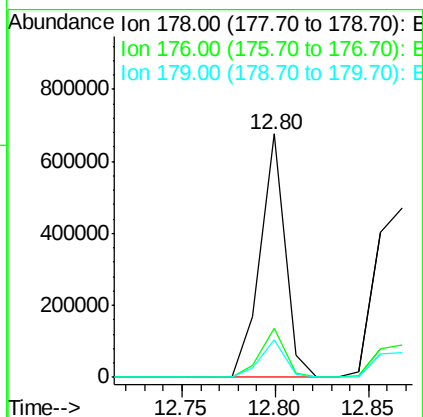
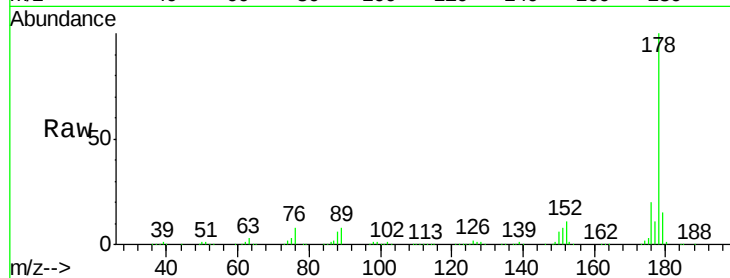




#70
Phenanthrene
Concen: 37.37 ng
RT: 12.80 min Scan# 1016
Delta R.T. -0.05 min
Lab File: BF079266.D
Acq: 15 May 2015 13:27

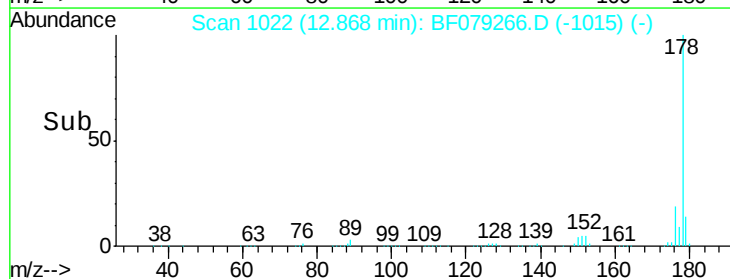
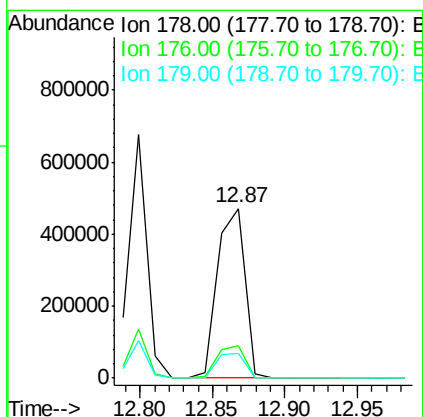
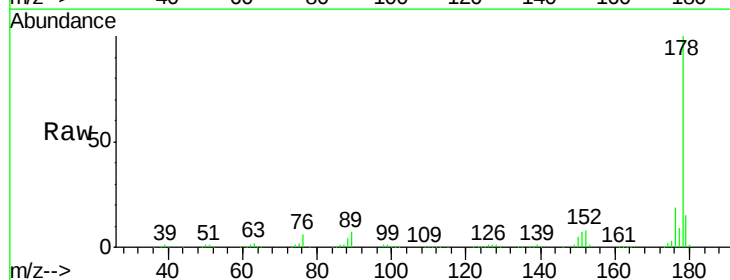
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

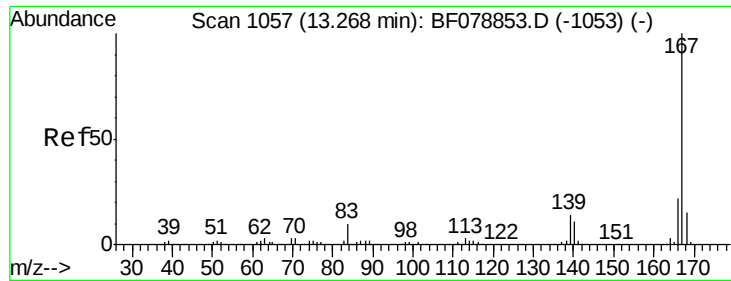
Tgt Ion:178 Resp: 622339
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 15.5 12.2 18.4



#71
Anthracene
Concen: 37.94 ng
RT: 12.87 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF079266.D
Acq: 15 May 2015 13:27

Tgt Ion:178 Resp: 619764
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 14.9 12.6 19.0

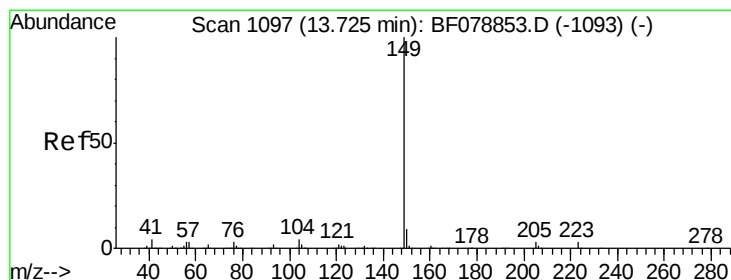
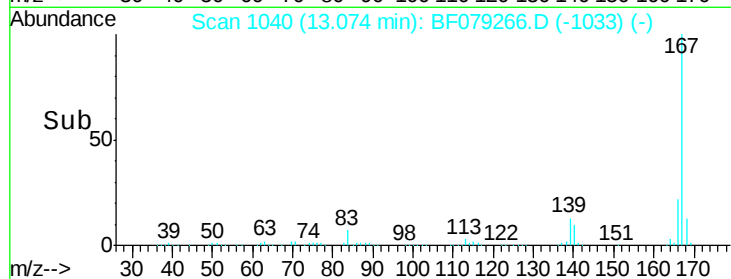
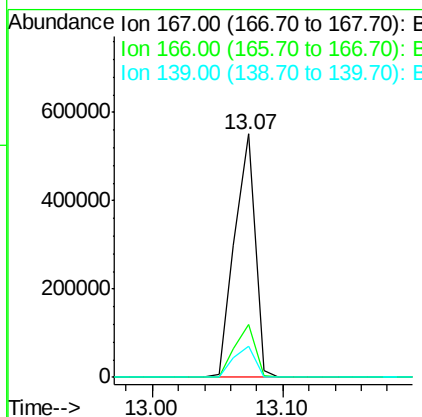
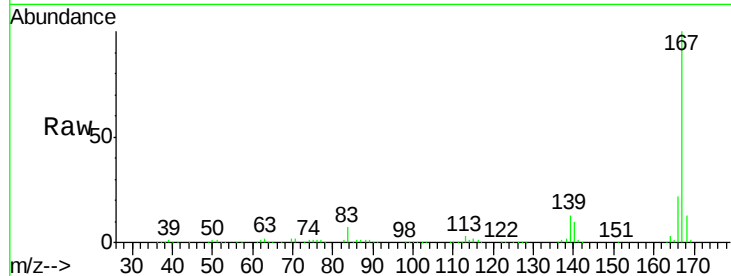




#72
 Carbazole
 Concen: 38.62 ng
 RT: 13.07 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

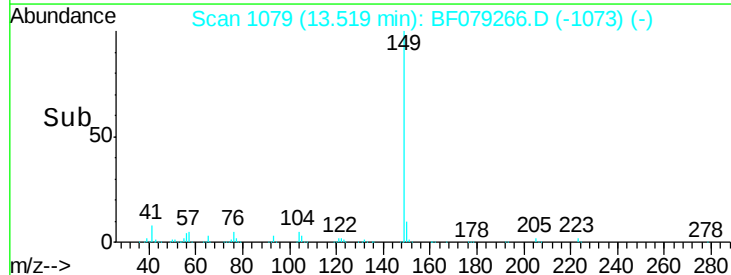
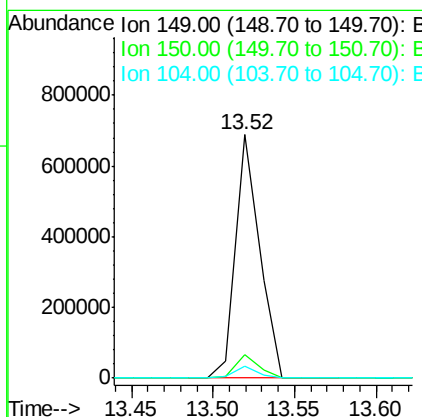
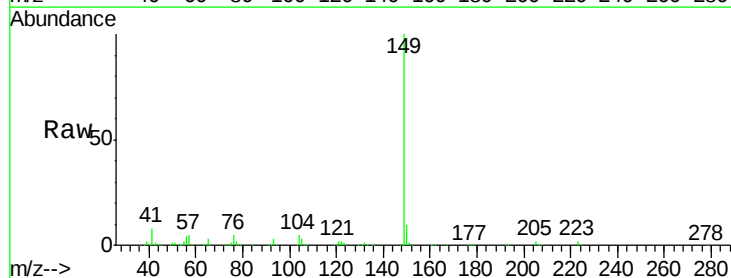
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

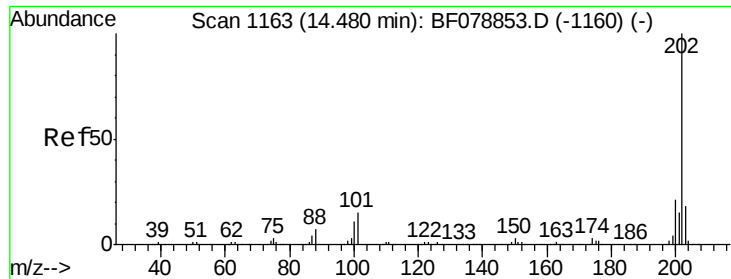
Tgt Ion:167 Resp: 601375
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 12.8 11.0 16.4



#73
 Di-n-butylphthalate
 Concen: 37.25 ng
 RT: 13.52 min Scan# 1079
 Delta R.T. -0.07 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion:149 Resp: 695511
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.0 10.4
 104 5.0 3.3 4.9#

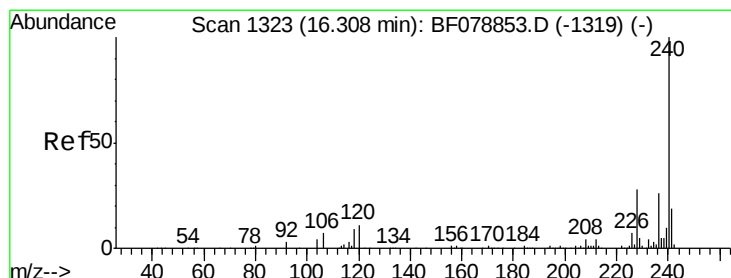
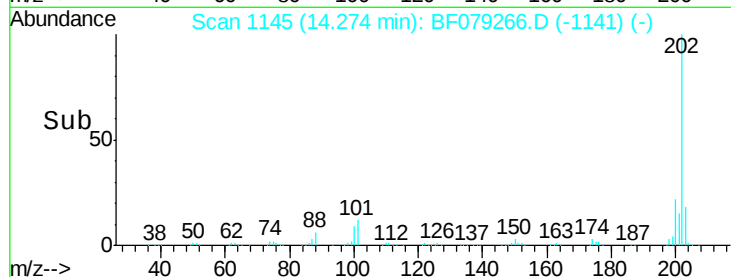
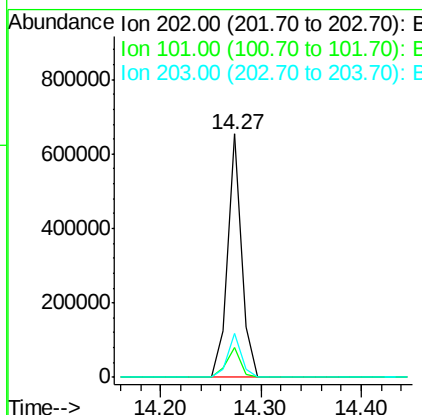
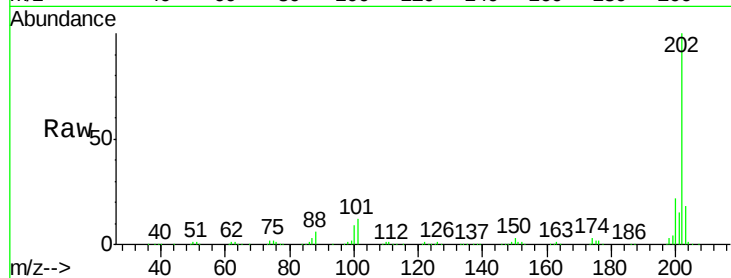




#74
 Fluoranthene
 Concen: 36.36 ng
 RT: 14.27 min Scan# 1145
 Delta R.T. -0.10 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

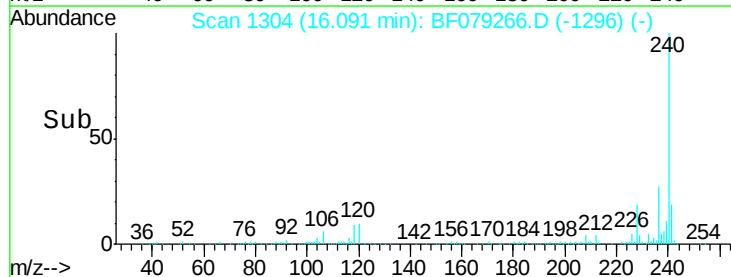
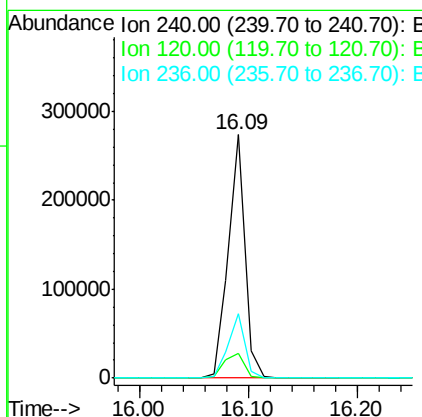
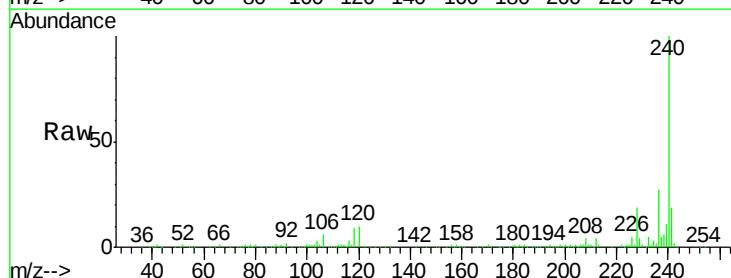
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

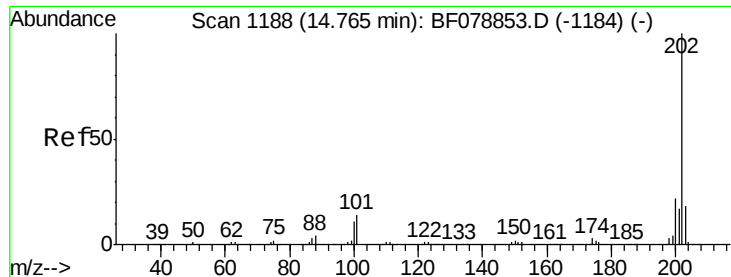
Tgt Ion:	202	Resp:	630926
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.7
203	18.1	0.0	37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 1304
 Delta R.T. -0.41 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion:	240	Resp:	291230
Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.6	12.8
236	26.6	21.0	31.6

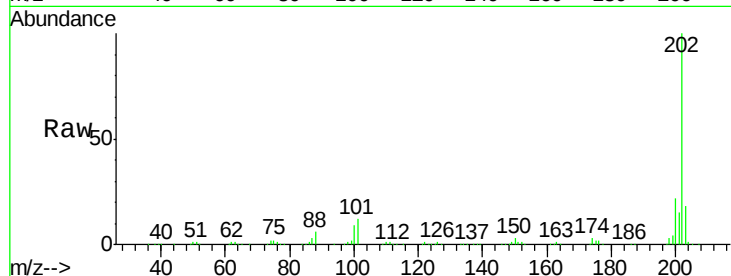




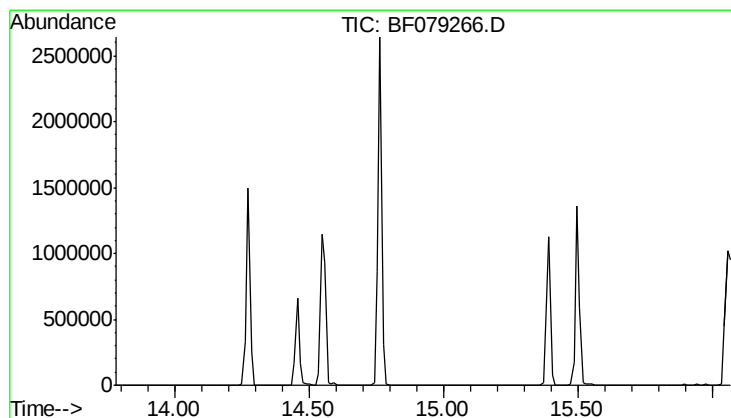
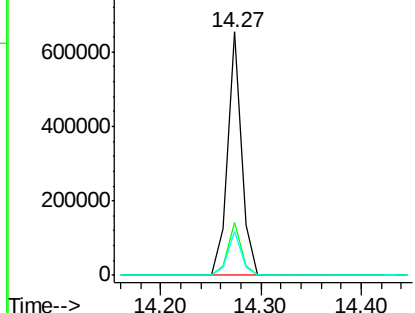
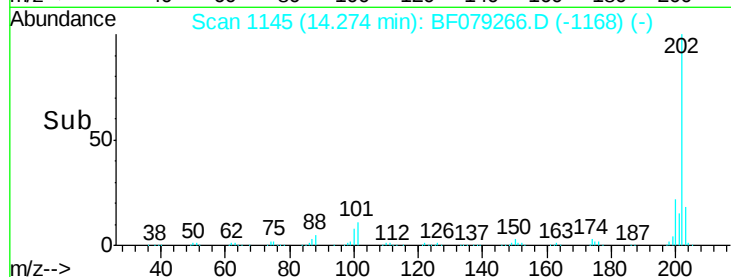
#77
 Pyrene
 Concen: 37.60 ng
 RT: 14.27 min Scan# 1145
 Delta R.T. -0.41 min
 Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.5	26.3
203	18.1	14.7	22.1



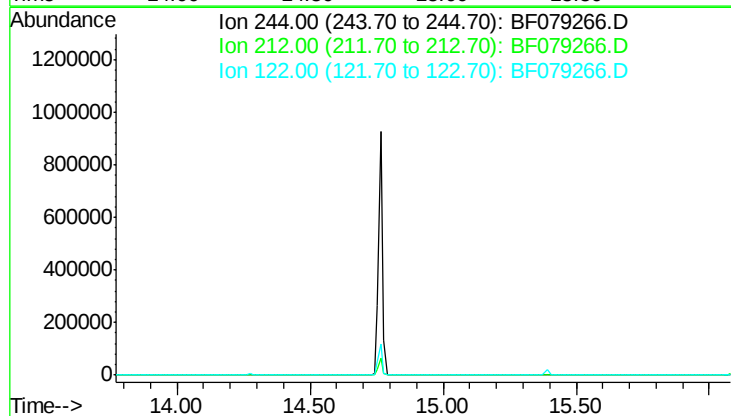
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

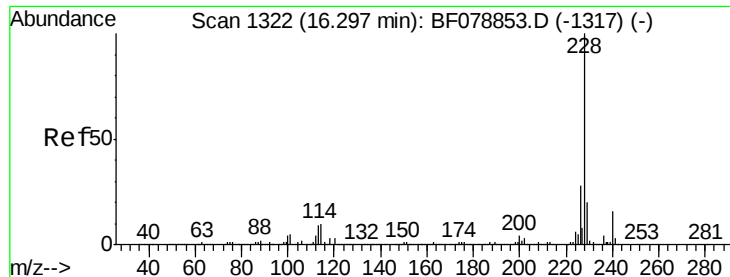


#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.93 min

Lab File: BF079266.D
 Acq: 15 May 2015 13:27

Tgt Ion	Sig	Exp Ratio
244	100	
212		7.0
122		13.1





#80

Benzo(a)anthracene

Concen: 38.73 ng

RT: 16.08 min Scan# 1303

Delta R.T. -0.41 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

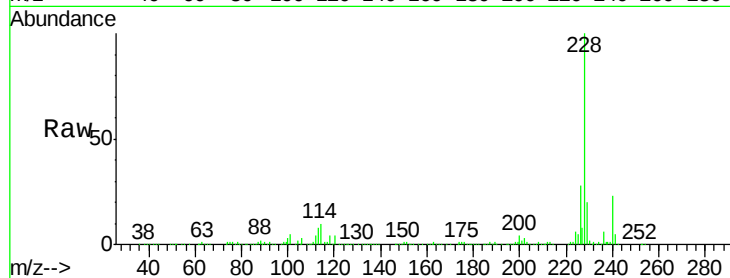
Tgt Ion:228 Resp: 617650

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

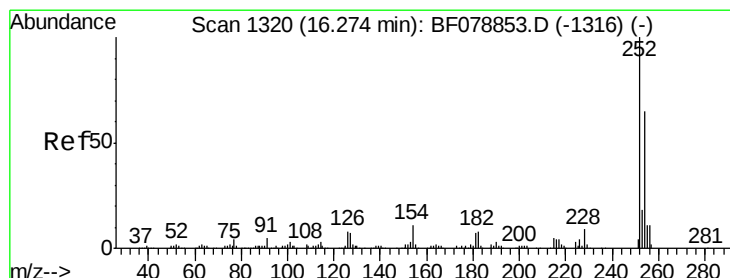
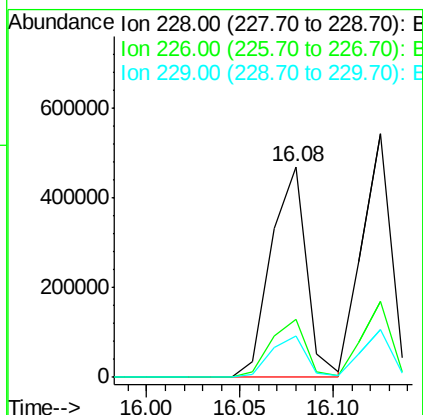
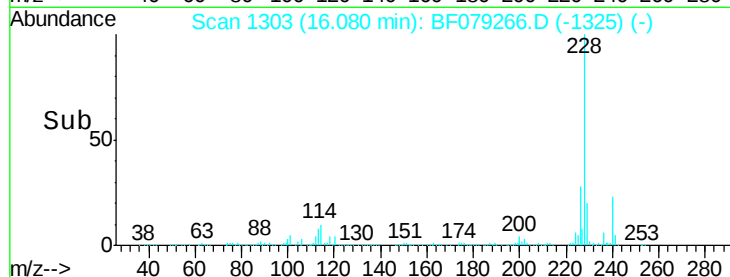
229 19.9 16.1 24.1



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: 40.83 ng

RT: 16.06 min Scan# 1301

Delta R.T. -0.41 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

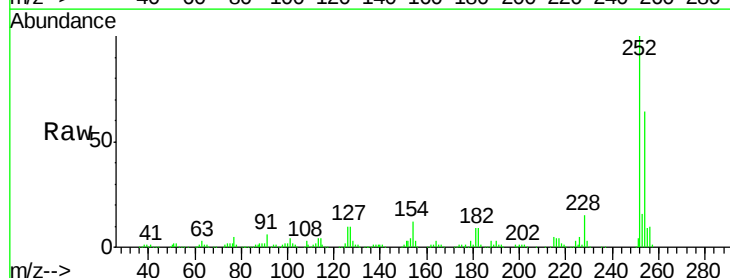
Tgt Ion:252 Resp: 231970

Ion Ratio Lower Upper

252 100

254 64.2 52.2 78.2

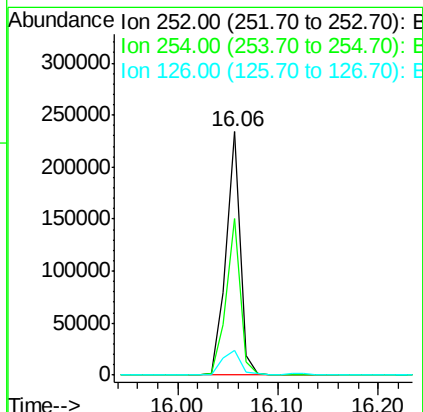
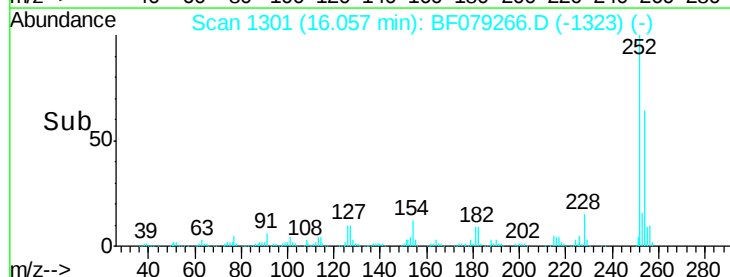
126 10.0 6.6 9.8#

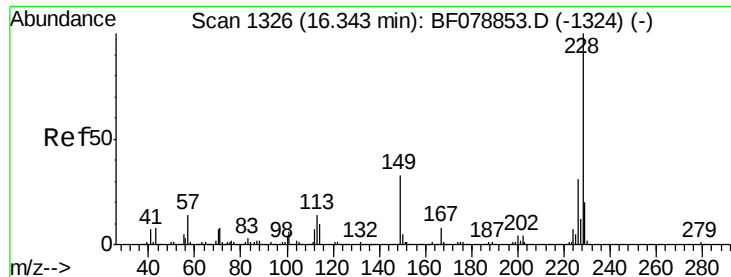


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.27 ng

RT: 16.13 min Scan# 1307

Delta R.T. -0.42 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

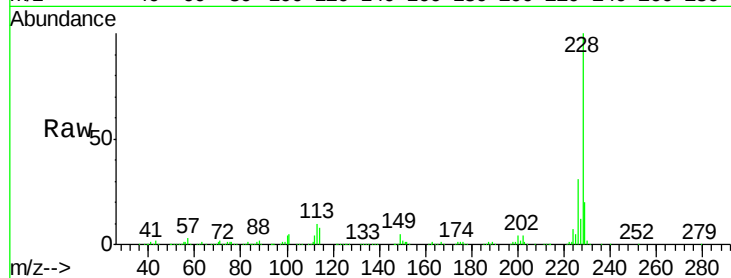
Tgt Ion:228 Resp: 587054

Ion Ratio Lower Upper

228 100

226 31.2 24.8 37.2

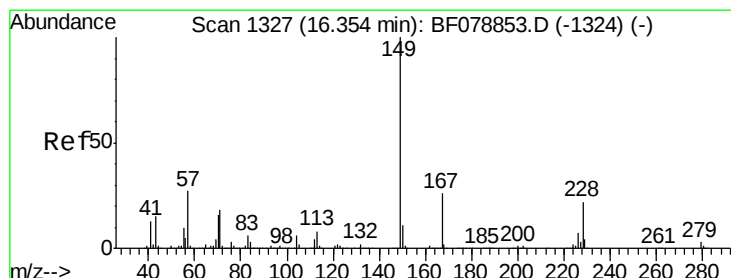
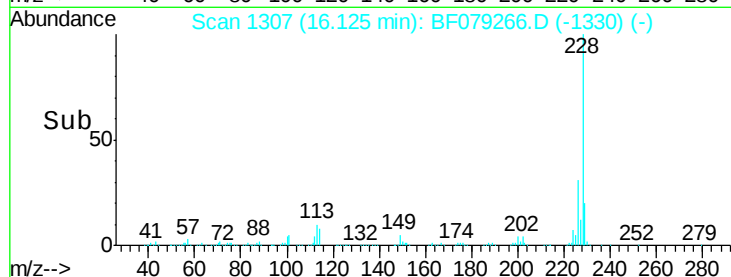
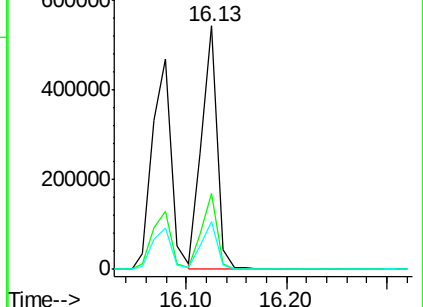
229 19.7 16.1 24.1



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.21 ng

RT: 16.14 min Scan# 1308

Delta R.T. -0.47 min

Lab File: BF079266.D

Acq: 15 May 2015 13:27

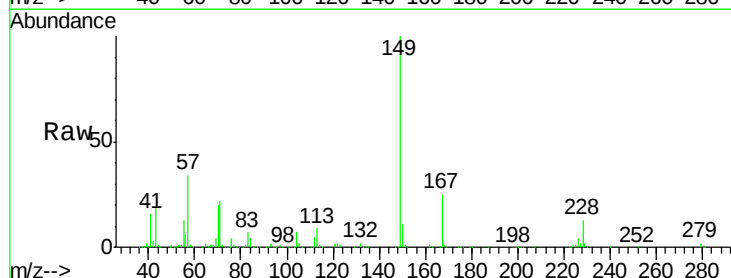
Tgt Ion:149 Resp: 457951

Ion Ratio Lower Upper

149 100

167 24.6 21.2 31.8

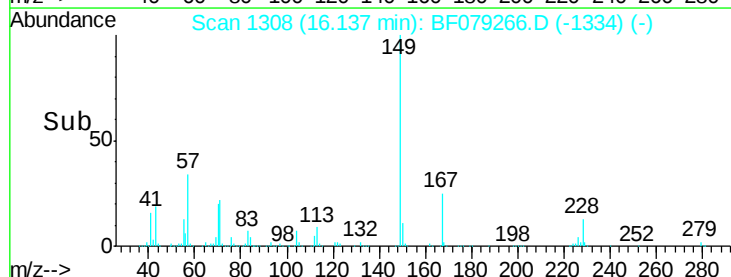
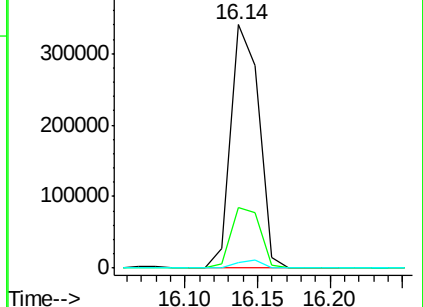
279 2.1 2.6 4.0#

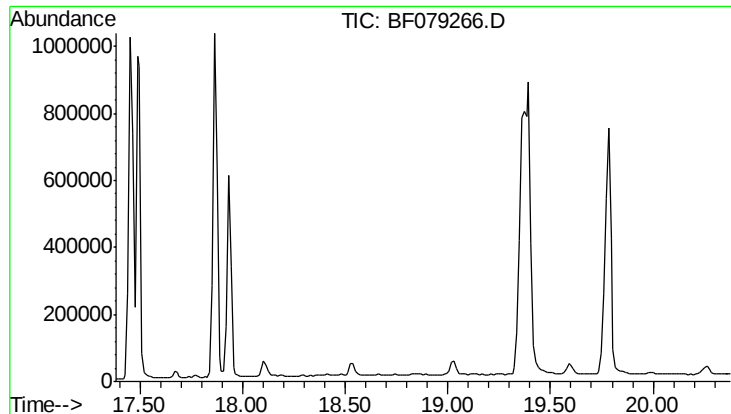


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 18.88 min
Lab File: BF079266.D
Acq: 15 May 2015 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264
Sig Exp Ratio
264 100
260 24.0
265 21.5

