

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052215\
 Data File : BF079431.D
 Acq On : 22 May 2015 14:11
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 22 22:48:00 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	0.00	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	10.80	164	92820	20.00	ng	-0.08
63) Phenanthrene-d10	12.64	188	205961	20.00	ng	-0.08
75) Chrysene-d12	15.97	240	209966	20.00	ng	-0.06
86) Perylene-d12	17.85	264	212516	20.00	ng	0.03

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	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	11.78	330	100771	100.36	ng	-0.08
44) 2-Fluorobiphenyl	9.98	172	658120	98.78	ng	-0.08
78) Terphenyl-d14	14.63	244	751750	85.72	ng	-0.09

Target Compounds

						Qvalue
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	133988	51.26	ng	98
40) Hexachlorocyclopentadiene	9.70	237	46220	35.16	ng	96
42) 2,4,6-Trichlorophenol	9.87	196	92643	51.55	ng	97
43) 2,4,5-Trichlorophenol	9.92	196	94098	51.79	ng	# 86
45) 1,1'-Biphenyl	10.10	154	375107	50.83	ng	99
46) 2-Chloronaphthalene	10.11	162	287965	50.03	ng	98
47) 2-Nitroaniline	10.25	65	84916	50.92	ng	96
48) Acenaphthylene	10.63	152	482946	51.10	ng	98
49) Dimethylphthalate	10.49	163	338854	49.74	ng	99
50) 2,6-Dinitrotoluene	10.57	165	68794	51.17	ng	96
51) Acenaphthene	10.83	154	272140	48.29	ng	99
52) 3-Nitroaniline	10.76	138	88743	52.84	ng	96
53) 2,4-Dinitrophenol	10.91	184	19616	47.80	ng	# 62
54) Dibenzofuran	11.05	168	406778	49.97	ng	97
55) 4-Nitrophenol	11.00	139	47675	35.87	ng	# 71
56) 2,4-Dinitrotoluene	11.06	165	96656	54.38	ng	89
57) Fluorene	11.47	166	330379	49.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	68622	46.22	ng	99
59) Diethylphthalate	11.37	149	335781	49.75	ng	96
60) 4-Chlorophenyl-phenylether	11.48	204	141700	47.81	ng	# 87
61) 4-Nitroaniline	11.52	138	92602	55.12	ng	95
62) Azobenzene	11.68	77	316207	47.55	ng	96
64) 4,6-Dinitro-2-methylphenol	11.57	198	38084	45.36	ng	# 62
65) n-Nitrosodiphenylamine	11.65	169	294756	42.97	ng	100
66) 4-Bromophenyl-phenylether	12.09	248	89853	41.85	ng	97
67) Hexachlorobenzene	12.15	284	102723	41.86	ng	90
68) Atrazine	12.32	200	83745	41.99	ng	97
69) Pentachlorophenol	12.41	266	45373	35.74	ng	98
70) Phenanthrene	12.66	178	488958	42.44	ng	99
71) Anthracene	12.73	178	494767	43.77	ng	99
72) Carbazole	12.94	167	457638	42.48	ng	99
73) Di-n-butylphthalate	13.39	149	567992	43.96	ng	98
74) Fluoranthene	14.14	202	506370	42.18	ng	98
76) Benzidine	14.33	184	286343	50.60	ng	98

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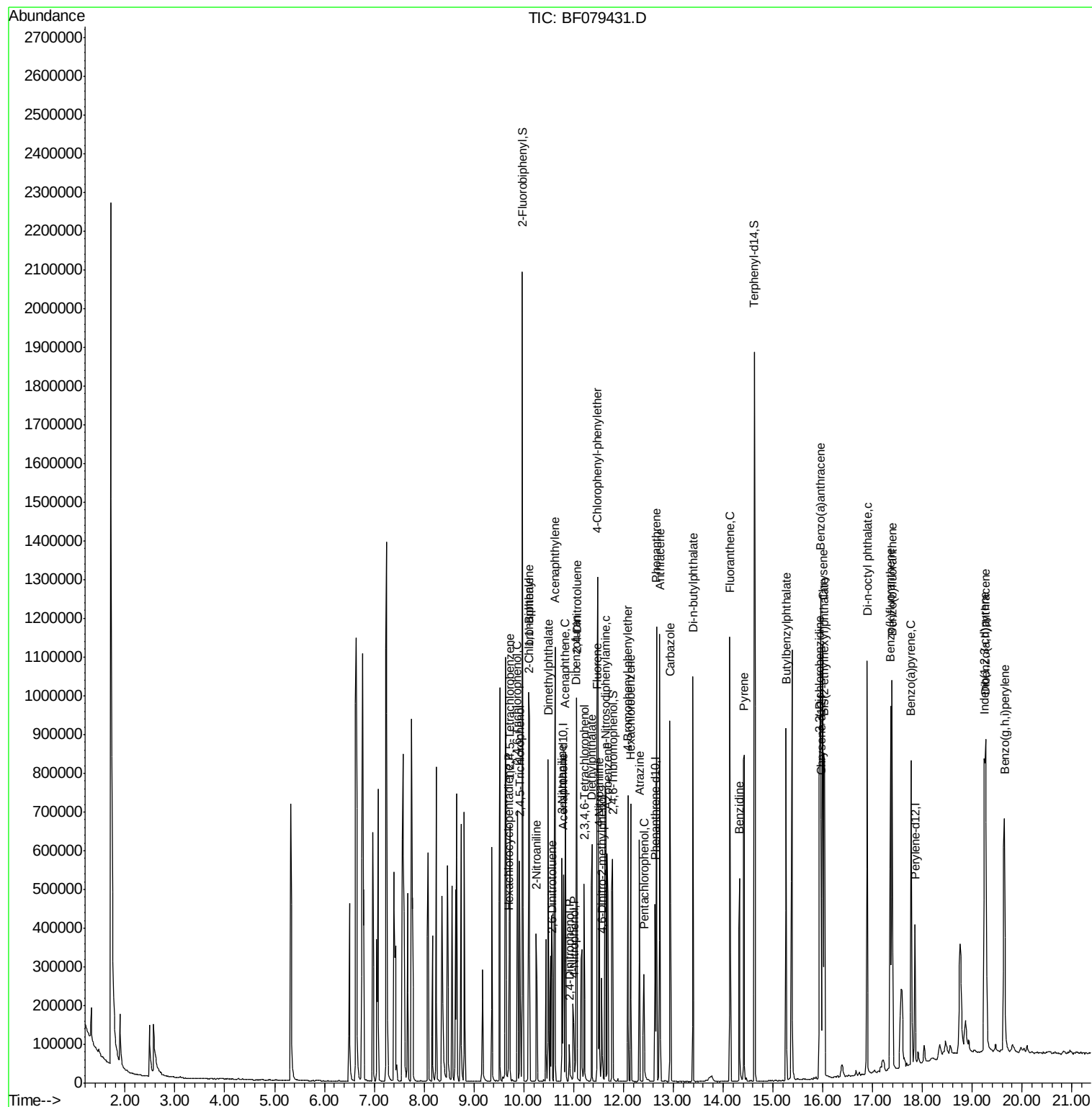
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	14.42	202	535791	44.28	ng	99
79) Butylbenzylphthalate	15.27	149	258442	48.87	ng	96
80) Benzo(a)anthracene	15.95	228	501315	43.60	ng	99
81) 3,3'-Dichlorobenzidine	15.93	252	191369	46.73	ng	# 97
82) Chrysene	16.00	228	477995	43.22	ng	99
83) Bis(2-ethylhexyl)phthalate	16.03	149	377815	47.16	ng	98
84) Di-n-octyl phthalate	16.89	149	663895	47.06	ng	# 97
85) Indeno(1,2,3-cd)pyrene	19.25	276	602299	42.75	ng	99
87) Benzo(b)fluoranthene	17.39	252	406482	34.94	ng	97
88) Benzo(k)fluoranthene	17.36	252	490879	43.59	ng	98
89) Benzo(a)pyrene	17.77	252	480926	44.90	ng	# 97
90) Dibenzo(a,h)anthracene	19.27	278	507511	44.58	ng	96
91) Benzo(g,h,i)perylene	19.65	276	499745	43.80	ng	97

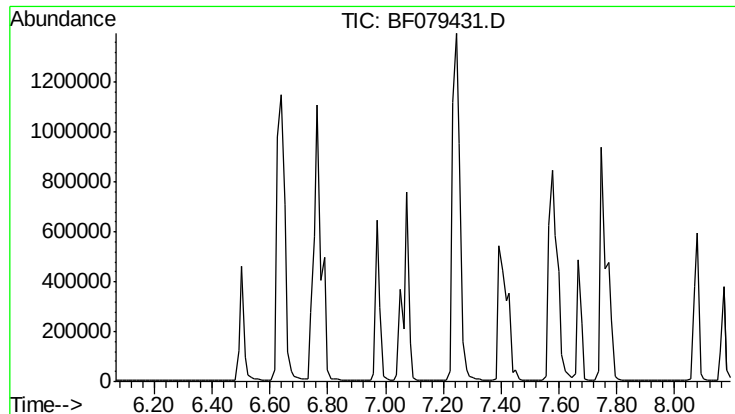
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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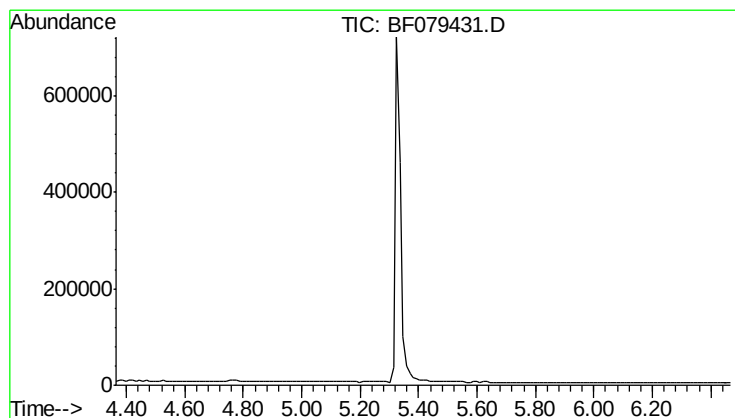
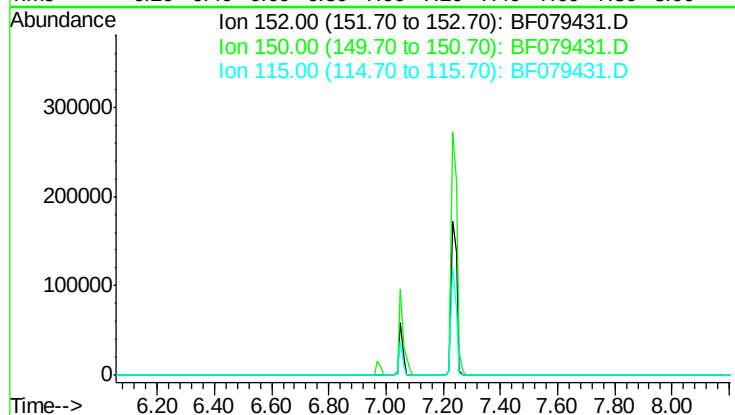




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 7.13 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

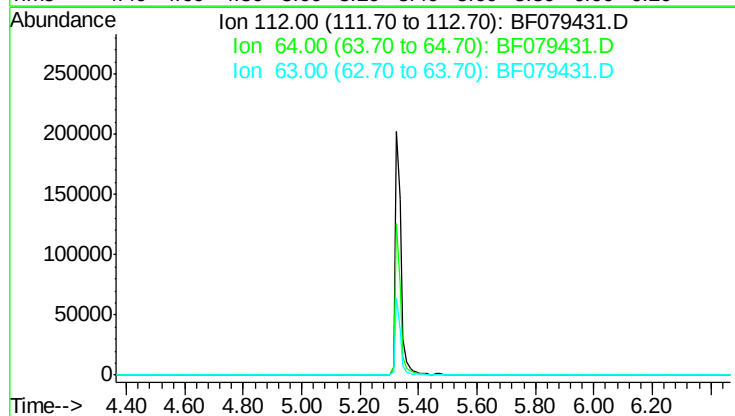
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

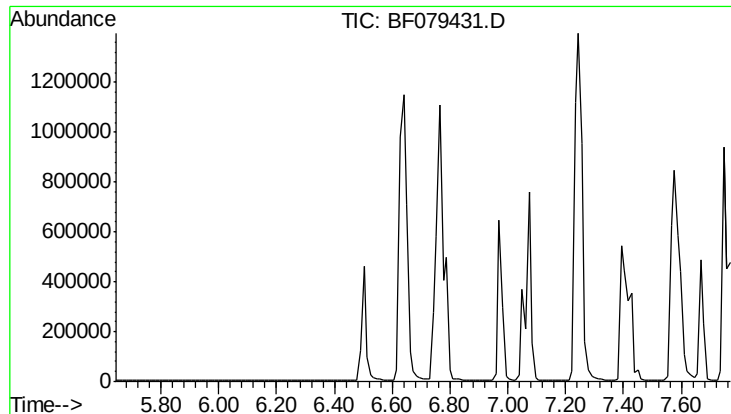
Tgt Ion	Exp Ratio
152	100
150	154.8
115	61.7



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.42 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Tgt Ion	Exp Ratio
112	100
64	55.2
63	28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

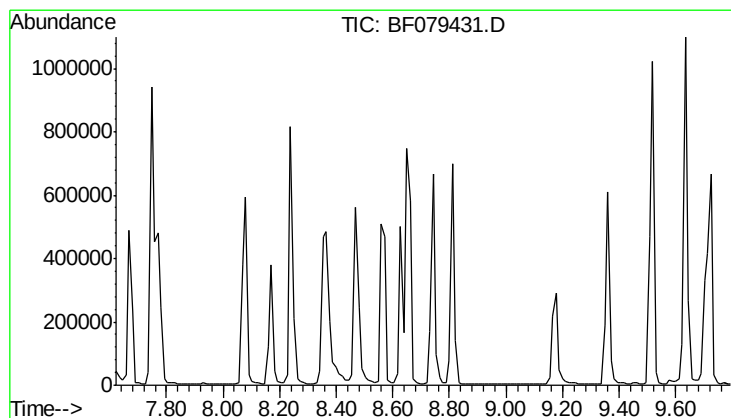
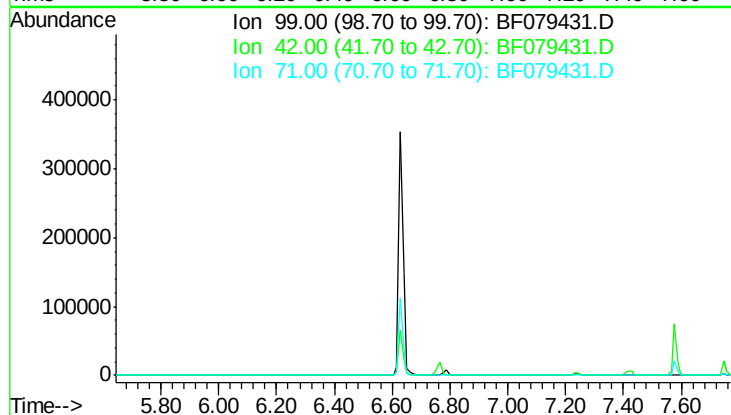
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.71 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Tgt Ion: 136

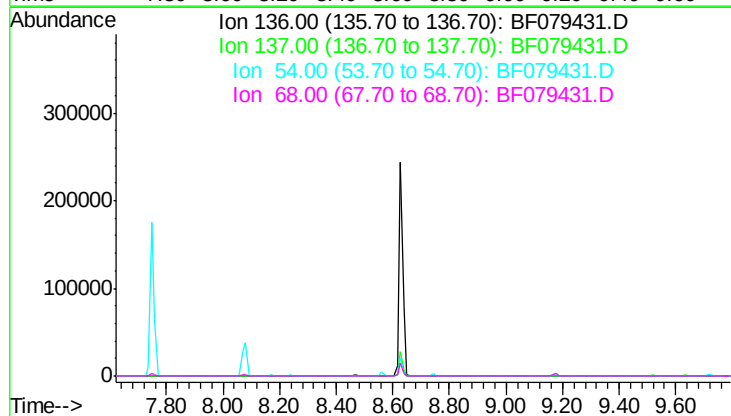
Sig Exp Ratio

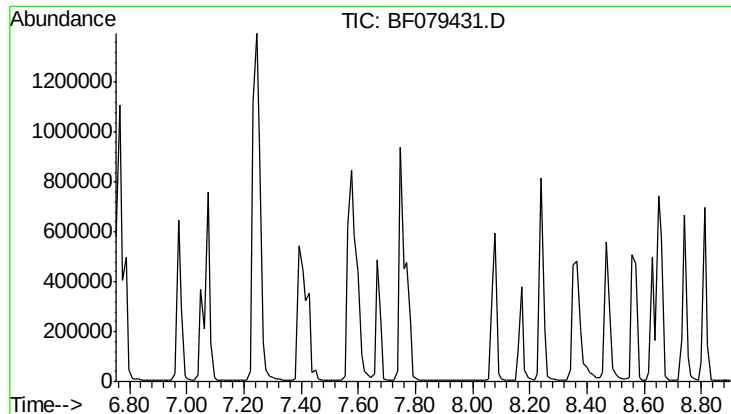
136 100

137 11.0

54 8.6

68 6.1

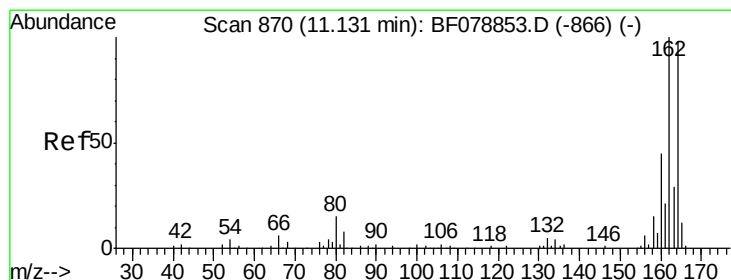
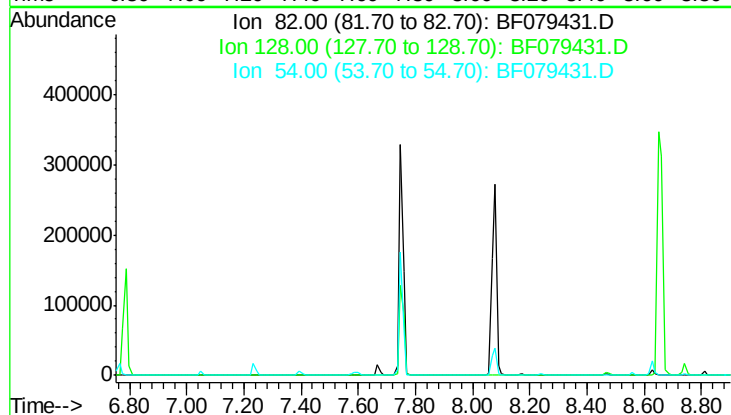




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.83 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

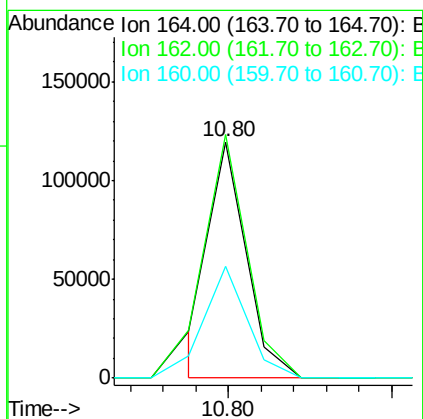
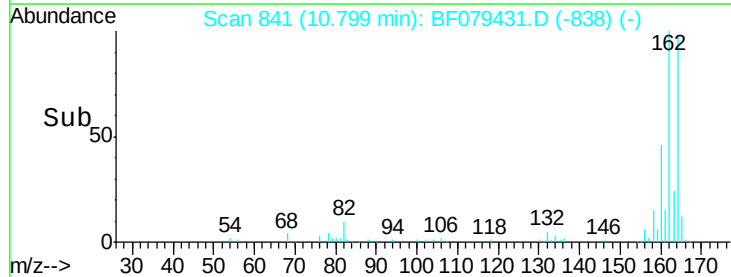
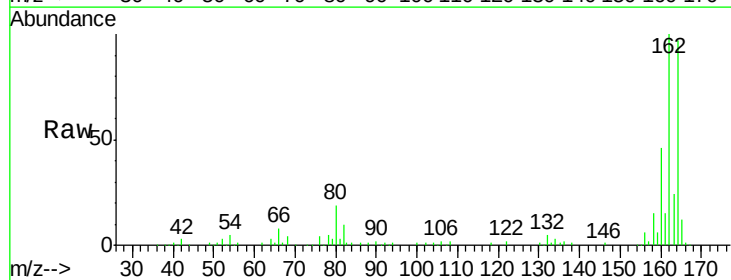
Instrument :
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 SSTDCCC040

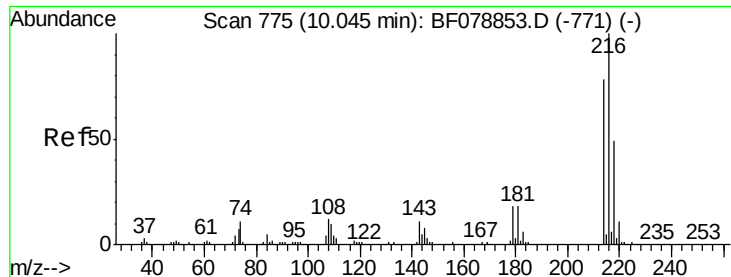
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 37.1
 54 57.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.80 min Scan# 841
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Tgt Ion: 164 Resp: 92820
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.4 122.0
 160 47.2 36.6 54.8

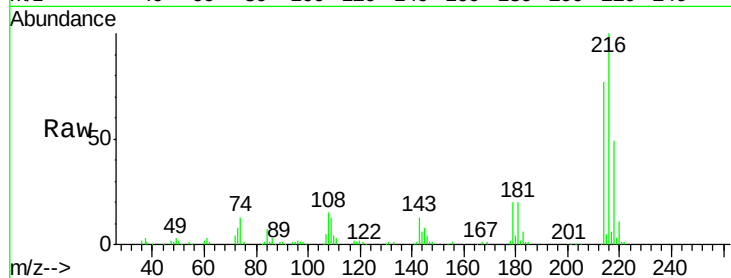




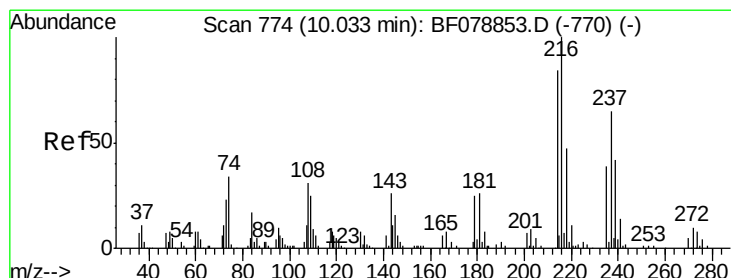
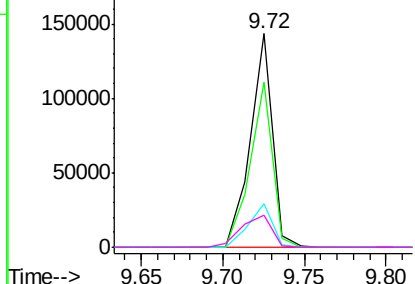
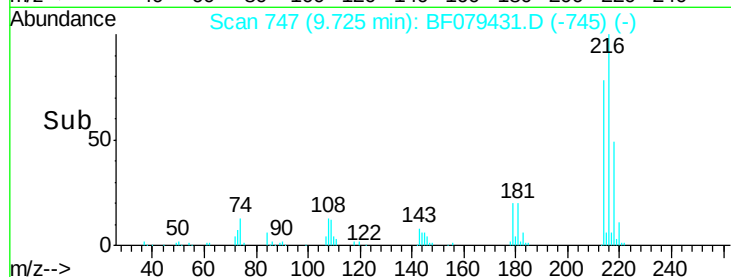
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.26 ng
 RT: 9.72 min Scan# 747
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

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Tgt Ion:	216	Resp:	133988
Ion	Ratio	Lower	Upper
216	100		
214	78.2	64.0	96.0
179	21.6	17.0	25.4
108	20.7	17.0	25.6

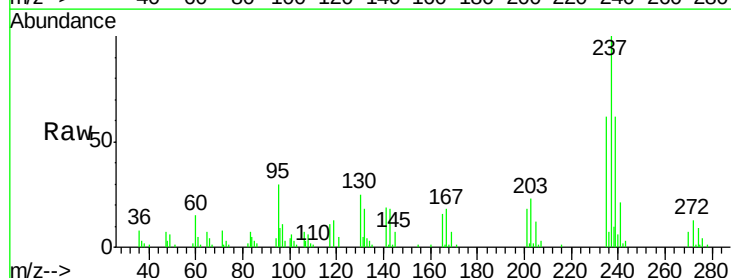


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

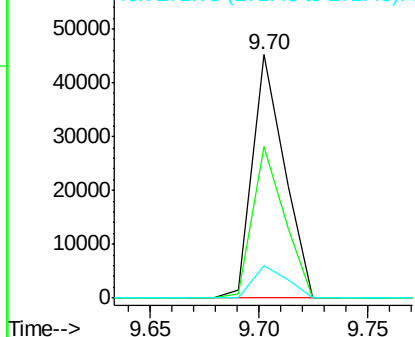
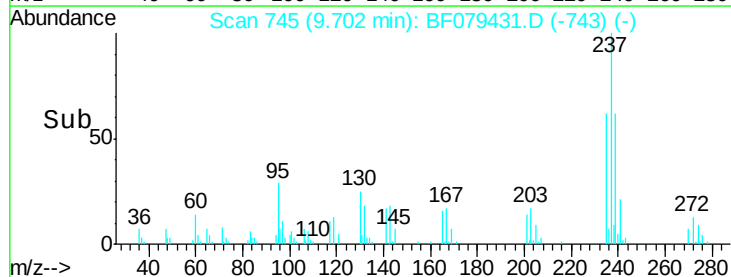


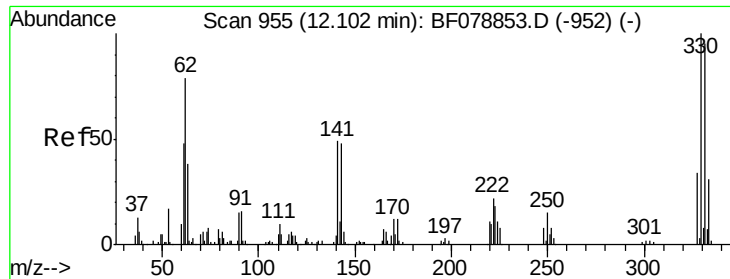
#40
 Hexachlorocyclopentadiene
 Concen: 35.16 ng
 RT: 9.70 min Scan# 745
 Delta R.T. -0.08 min
 Lab File: BF079431.D
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Tgt Ion:	237	Resp:	46220
Ion	Ratio	Lower	Upper
237	100		
235	62.2	40.0	80.0
272	13.1	0.0	36.0



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

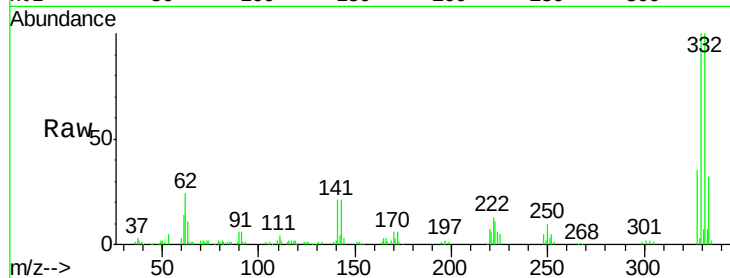




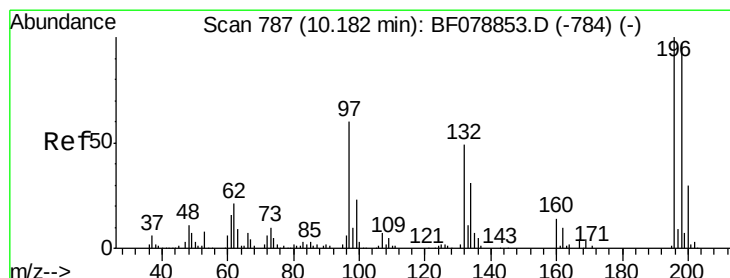
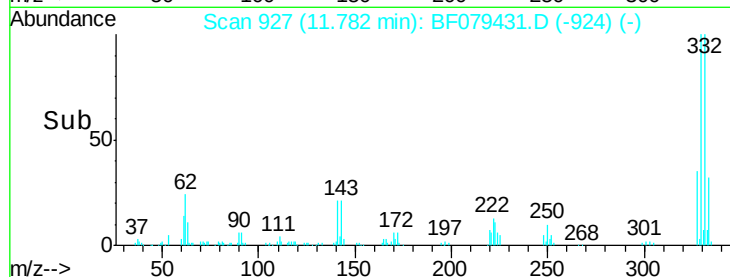
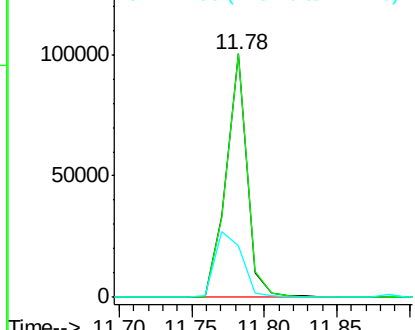
#41
 2,4,6-Tribromophenol
 Concen: 100.36 ng
 RT: 11.78 min Scan# 927
 Delta R.T. -0.08 min
 Lab File: BF079431.D
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Tgt Ion:330 Resp: 100771
 Ion Ratio Lower Upper
 330 100
 332 99.9 76.9 115.3
 141 34.6 27.8 41.8

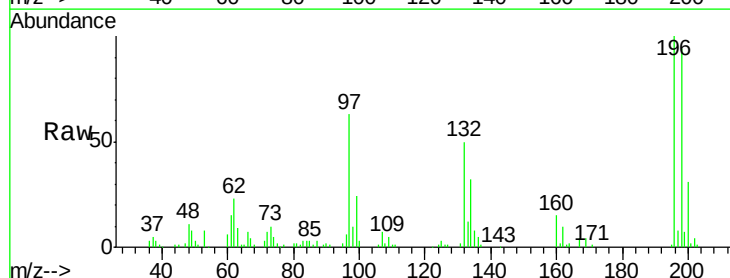


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

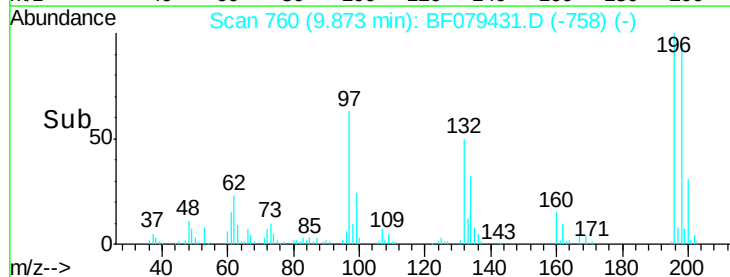
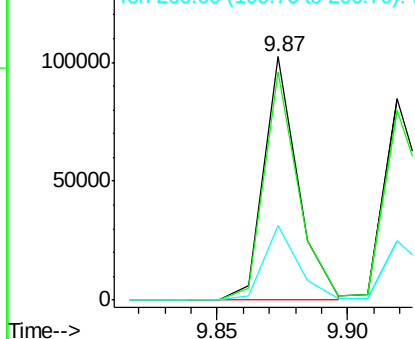


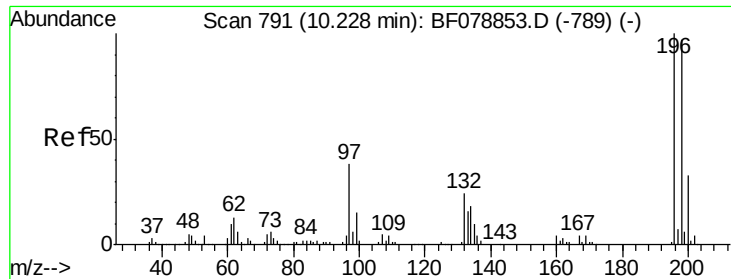
#42
 2,4,6-Trichlorophenol
 Concen: 51.55 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Tgt Ion:196 Resp: 92643
 Ion Ratio Lower Upper
 196 100
 198 93.6 77.4 116.2
 200 30.6 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

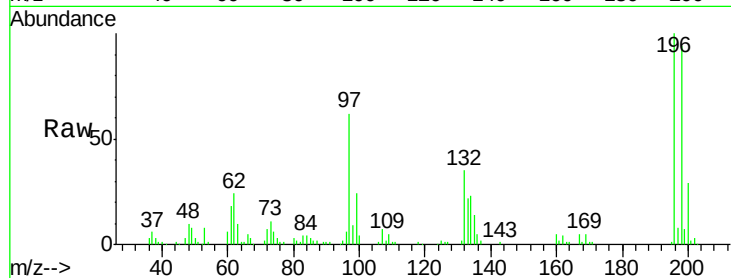




#43
 2,4,5-Trichlorophenol
 Concen: 51.79 ng
 RT: 9.92 min Scan# 764
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	77.3	115.9
97	61.9	31.3	46.9#
132	34.9	19.7	29.5#



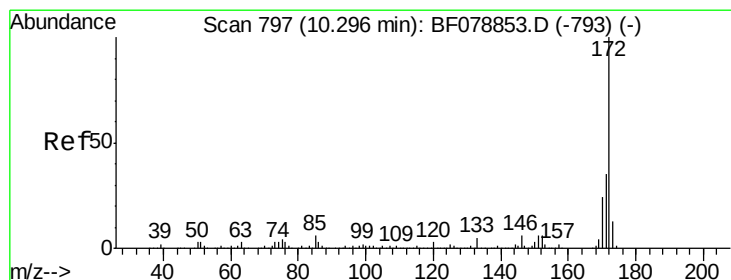
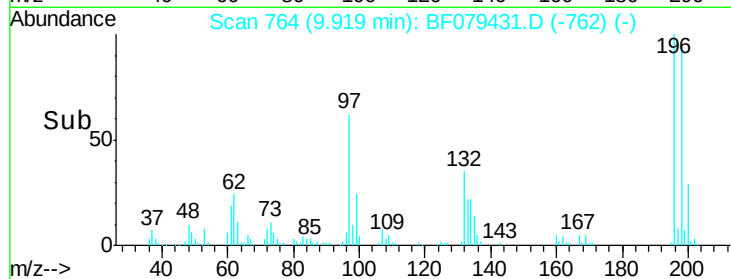
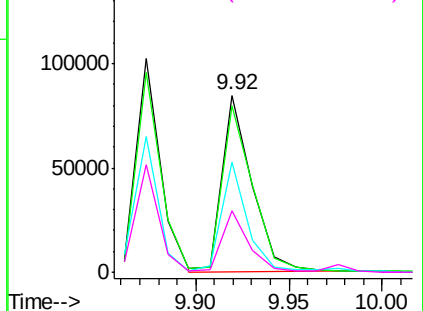
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

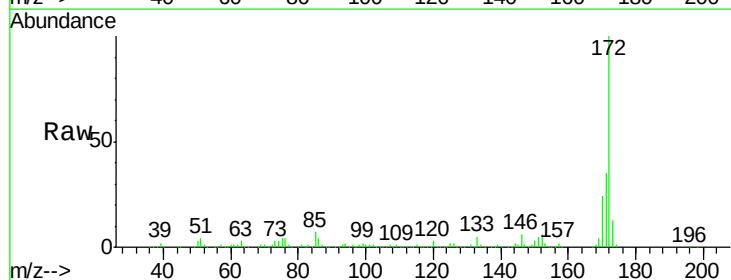
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.78 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.08 min
 Lab File: BF079431.D
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.7	19.4	29.2

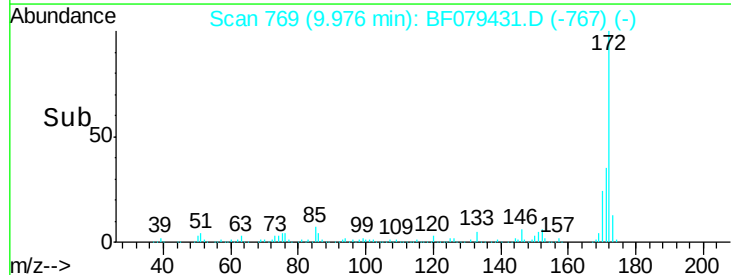
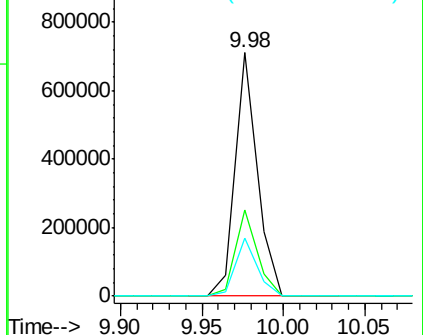


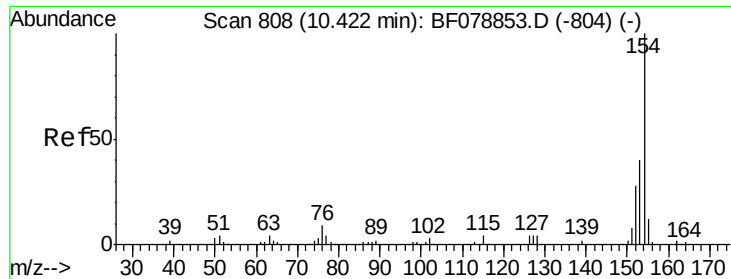
Abundance

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

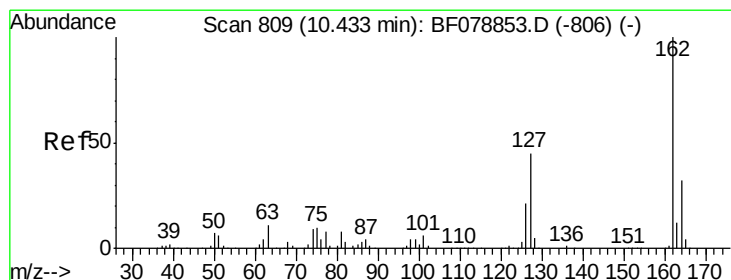
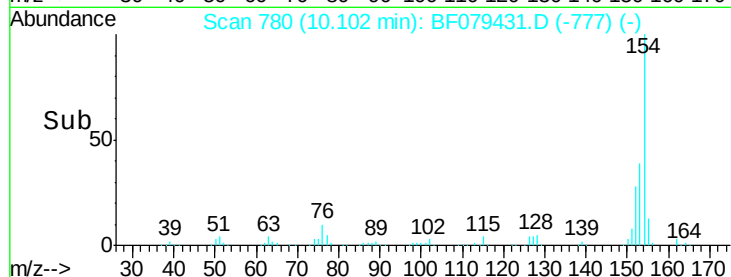
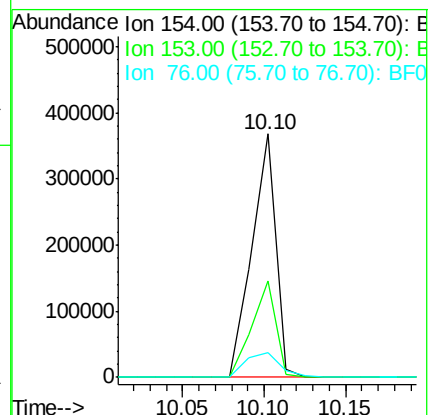
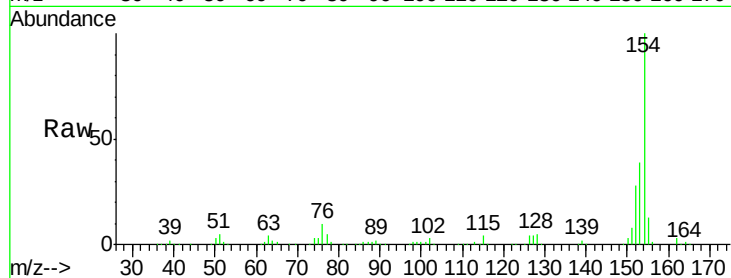




#45
1,1'-Biphenyl
Concen: 50.83 ng
RT: 10.10 min Scan# 780
Delta R.T. -0.07 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

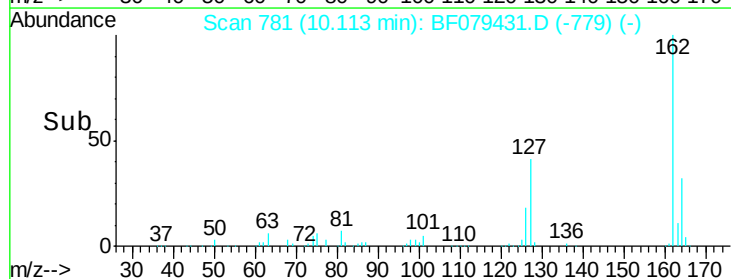
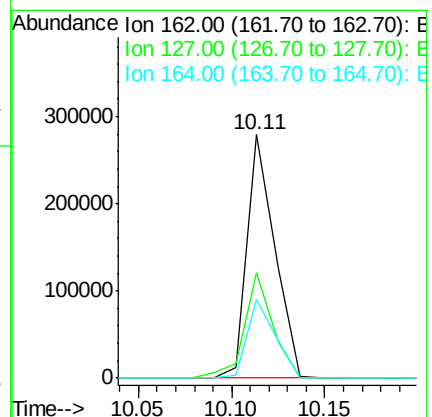
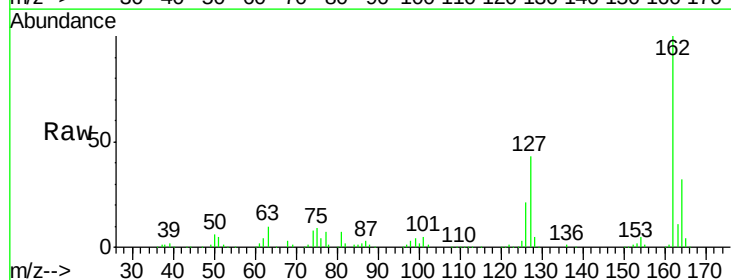
Instrument :
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ClientSampleId :
SSTDCCC040

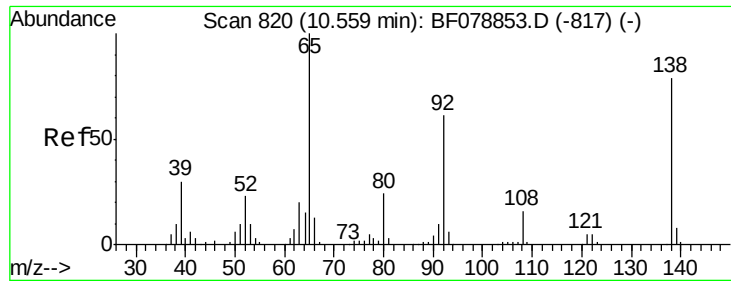
Tgt Ion:154 Resp: 375107
Ion Ratio Lower Upper
154 100
153 39.4 19.7 59.7
76 9.9 0.0 29.1



#46
2-Chloronaphthalene
Concen: 50.03 ng
RT: 10.11 min Scan# 781
Delta R.T. -0.08 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

Tgt Ion:162 Resp: 287965
Ion Ratio Lower Upper
162 100
127 43.4 36.3 54.5
164 32.1 25.9 38.9

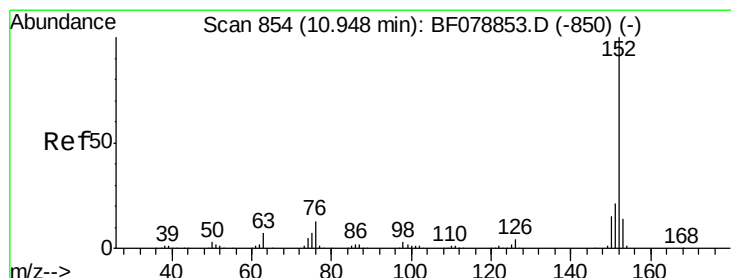
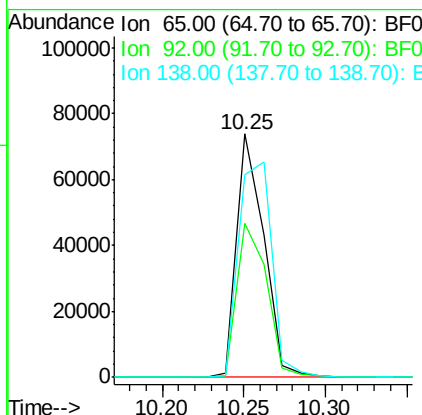
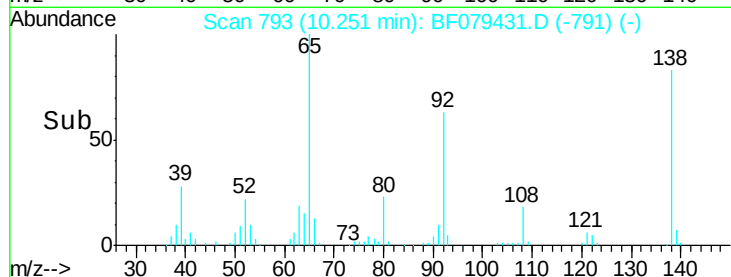
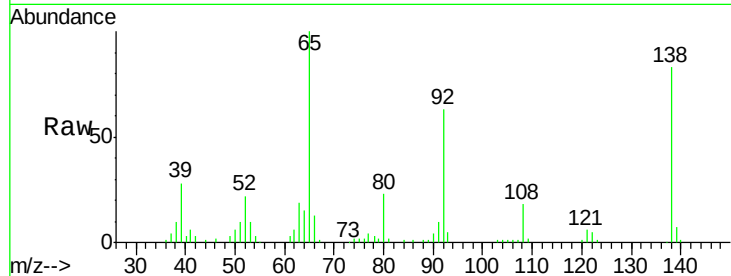




#47
 2-Nitroaniline
 Concen: 50.92 ng
 RT: 10.25 min Scan# 793
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

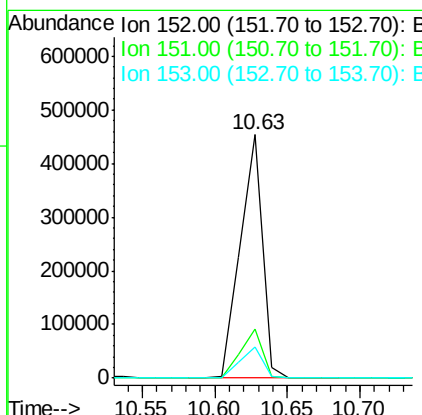
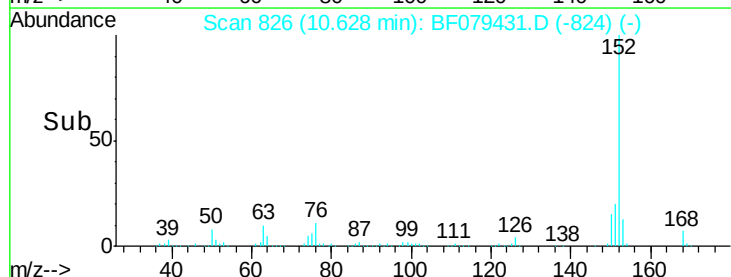
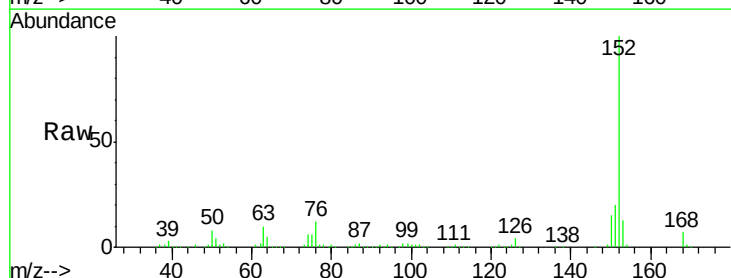
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

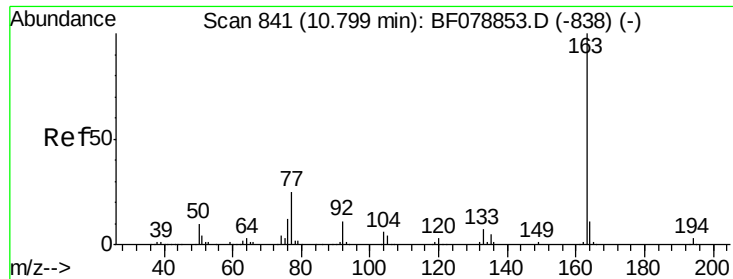
Tgt Ion:	65	Resp:	84916
Ion	Ratio	Lower	Upper
65	100		
92	63.5	49.1	73.7
138	83.1	63.2	94.8



#48
 Acenaphthylene
 Concen: 51.10 ng
 RT: 10.63 min Scan# 826
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Tgt Ion:	152	Resp:	482946
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.6	24.8
153	12.9	11.0	16.6

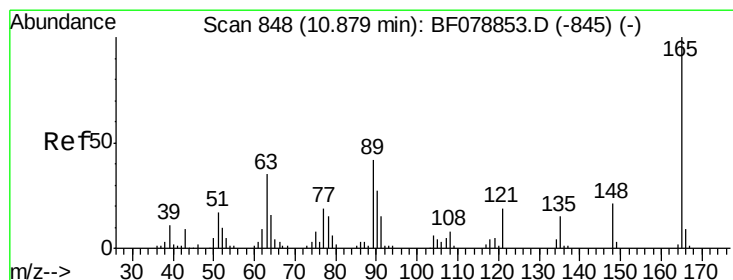
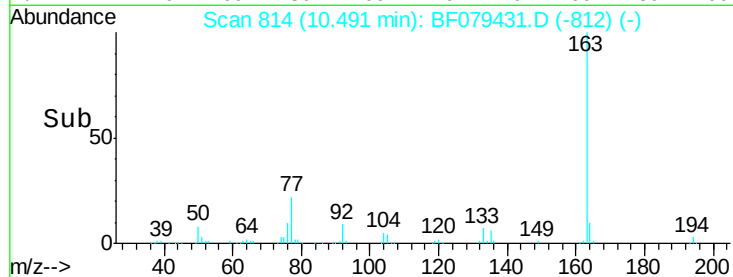
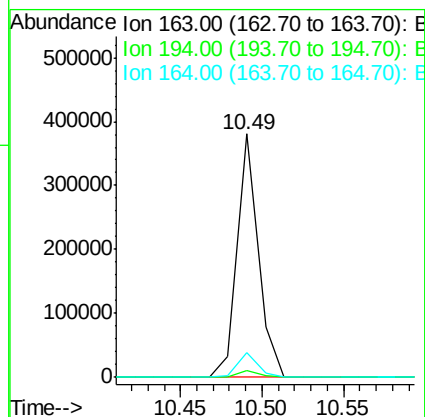
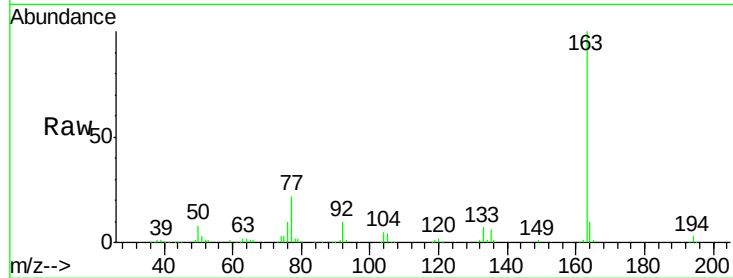




#49
Dimethylphthalate
Concen: 49.74 ng
RT: 10.49 min Scan# 814
Delta R.T. -0.08 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

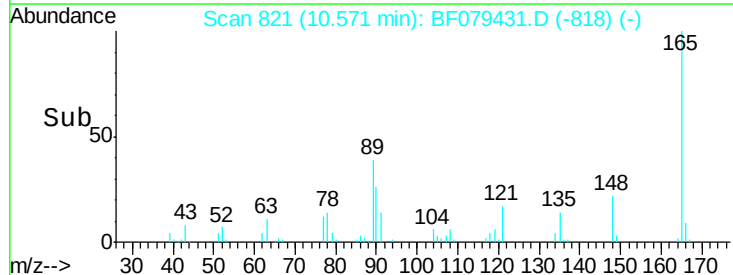
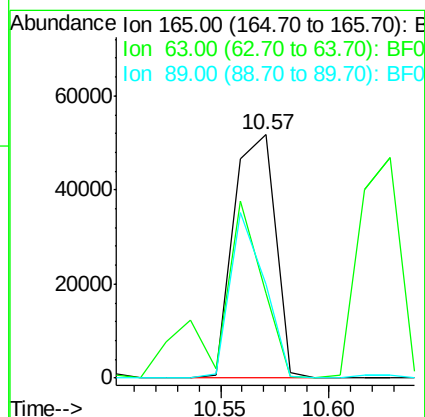
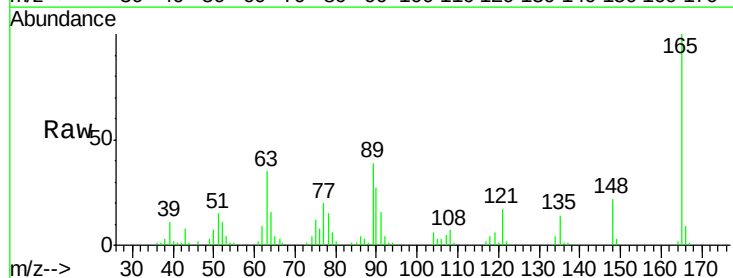
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

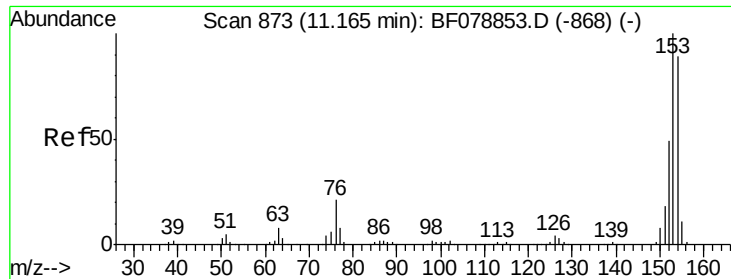
Tgt Ion:163 Resp: 338854
Ion Ratio Lower Upper
163 100
194 2.9 2.4 3.6
164 10.3 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 51.17 ng
RT: 10.57 min Scan# 821
Delta R.T. -0.07 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

Tgt Ion:165 Resp: 68794
Ion Ratio Lower Upper
165 100
63 35.1 29.2 43.8
89 38.7 33.3 49.9





#51

Acenaphthene

Concen: 48.29 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.08 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

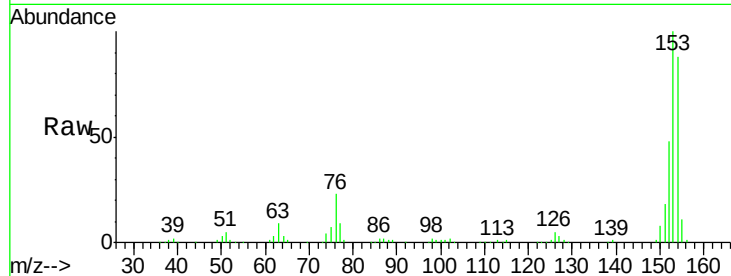
Tgt Ion:154 Resp: 272140

Ion Ratio Lower Upper

154 100

153 113.8 90.2 135.2

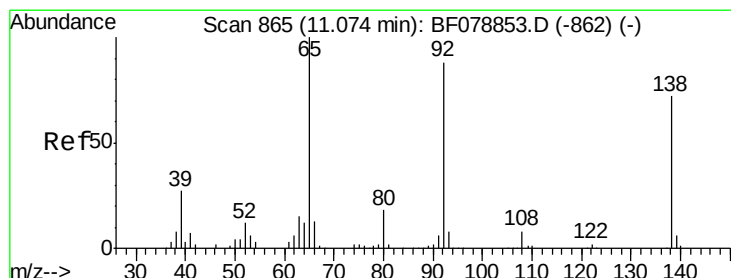
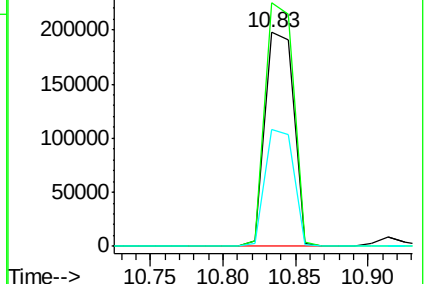
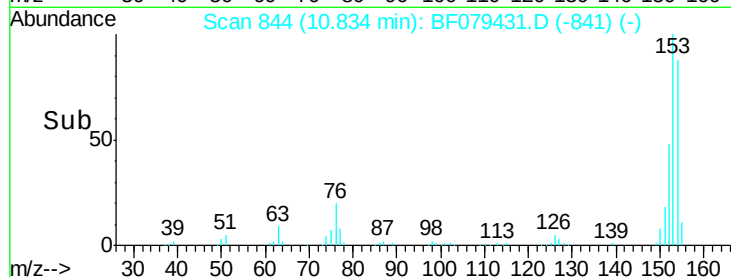
152 54.7 43.8 65.8



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: 52.84 ng

RT: 10.76 min Scan# 838

Delta R.T. -0.08 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

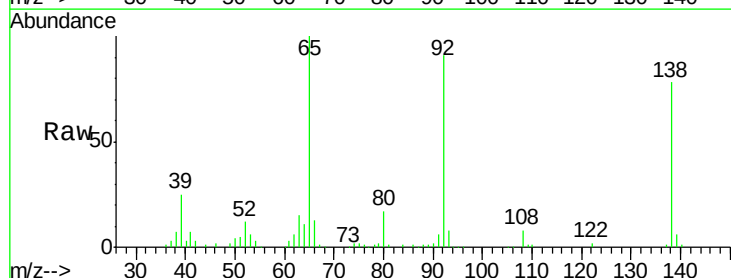
Tgt Ion:138 Resp: 88743

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

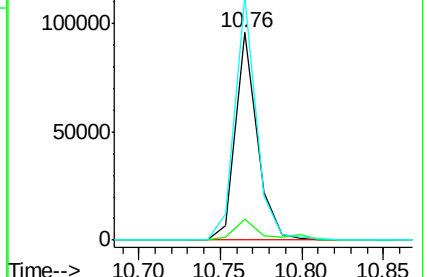
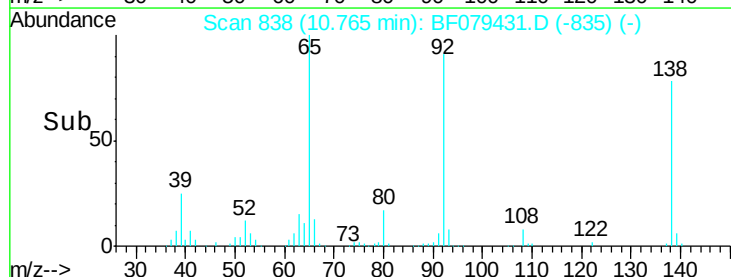
92 117.2 97.4 146.0

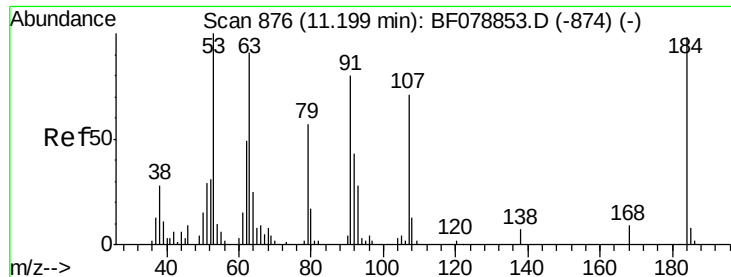


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

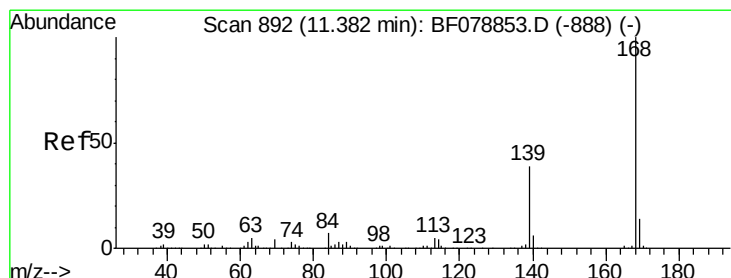
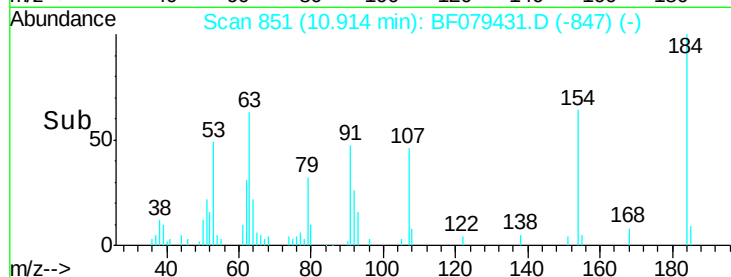
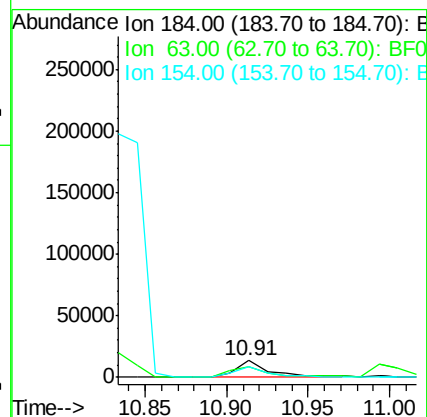
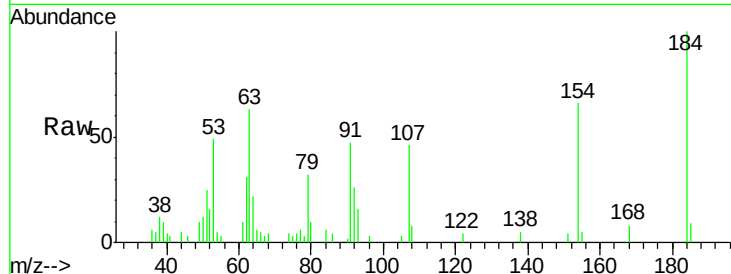




#53
2,4-Dinitrophenol
Concen: 47.80 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.07 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

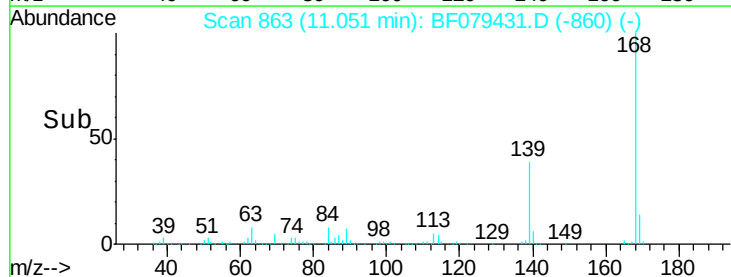
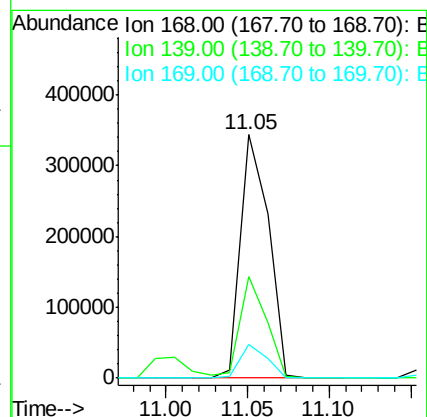
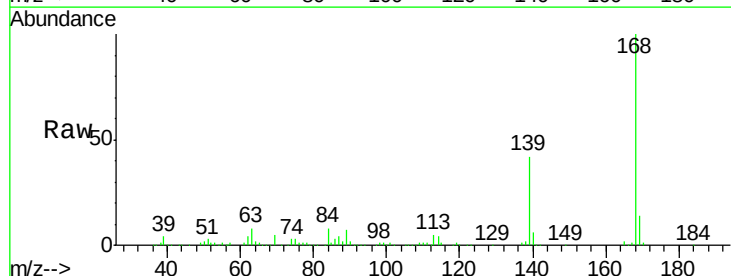
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

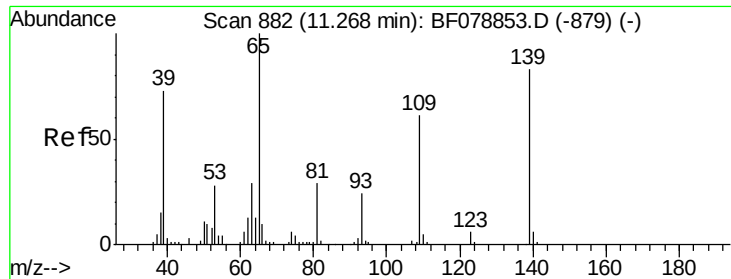
Tgt Ion:184 Resp: 19616
Ion Ratio Lower Upper
184 100
63 63.1 98.8 148.2#
154 66.1 63.4 95.0



#54
Dibenzofuran
Concen: 49.97 ng
RT: 11.05 min Scan# 863
Delta R.T. -0.08 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

Tgt Ion:168 Resp: 406778
Ion Ratio Lower Upper
168 100
139 41.7 31.5 47.3
169 13.7 11.0 16.4





#55

4-Nitrophenol

Concen: 35.87 ng

RT: 11.00 min Scan# 859

Delta R.T. -0.06 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

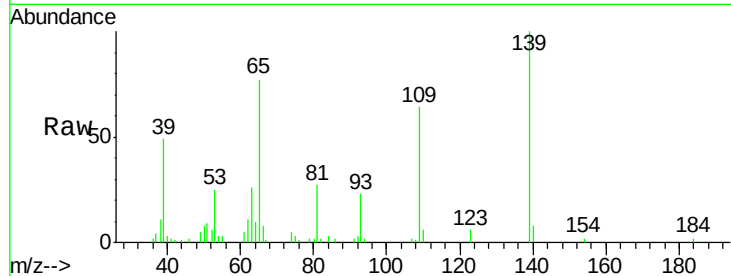
Tgt Ion:139 Resp: 47675

Ion Ratio Lower Upper

139 100

109 63.8 54.4 94.4

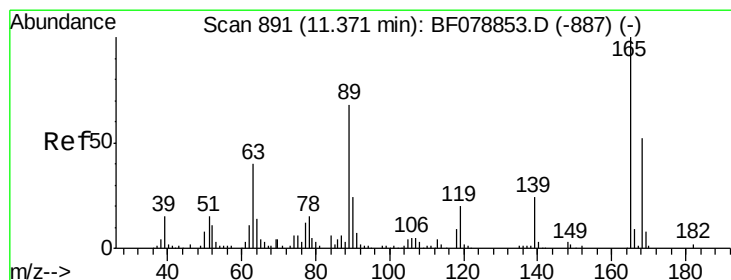
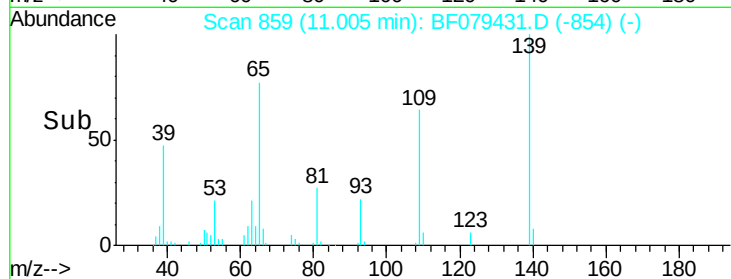
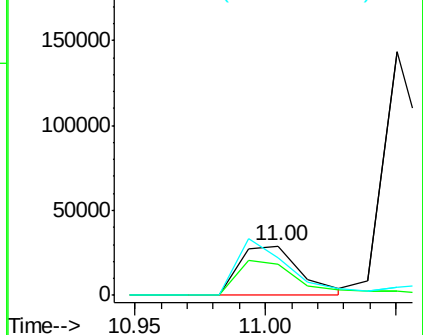
65 76.5 101.0 141.0#



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: 54.38 ng

RT: 11.06 min Scan# 864

Delta R.T. -0.08 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Tgt Ion:165 Resp: 96656

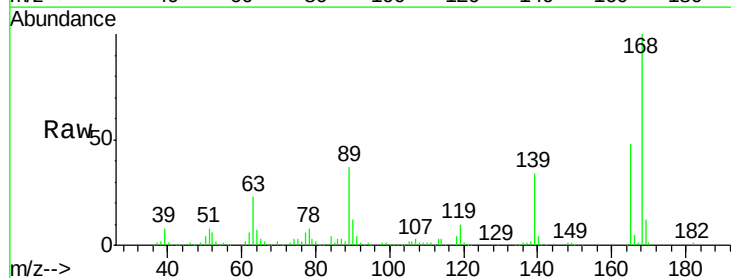
Ion Ratio Lower Upper

165 100

63 47.3 32.3 48.5

89 77.2 54.6 81.8

182 1.9 1.8 2.6

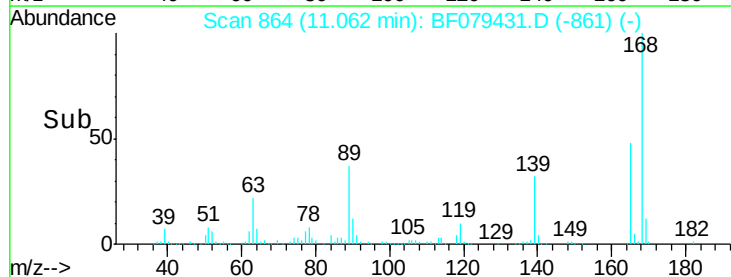
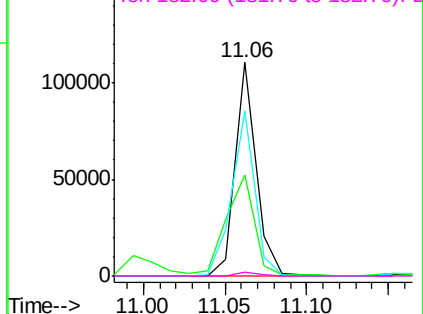


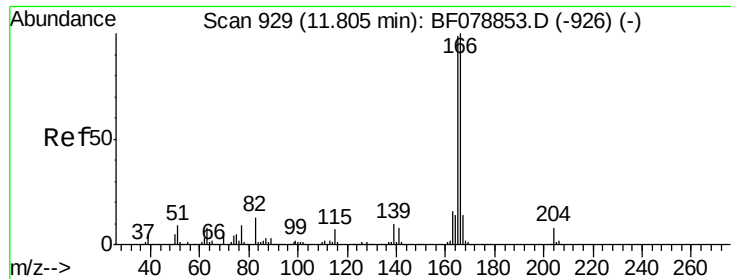
Abundance Ion 165.00 (164.70 to 165.70): E

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

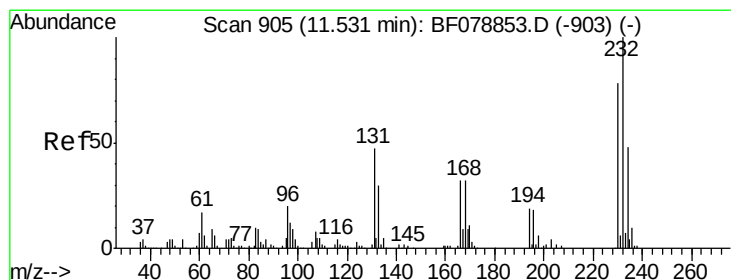
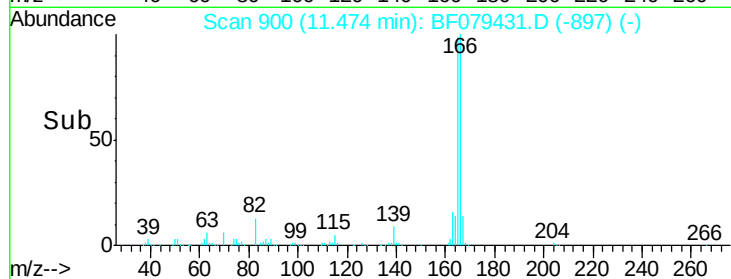
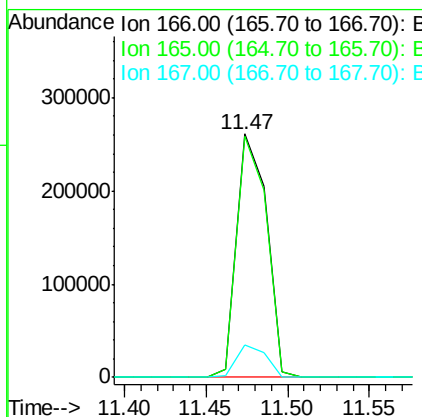
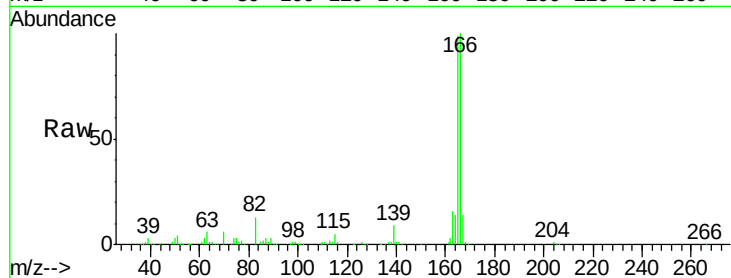




#57
 Fluorene
 Concen: 49.45 ng
 RT: 11.47 min Scan# 900
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

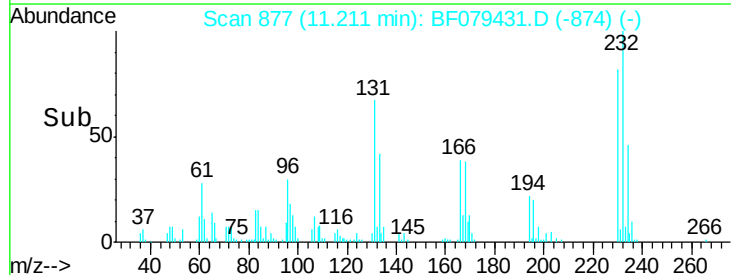
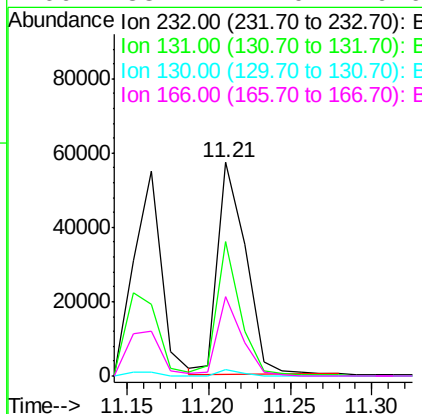
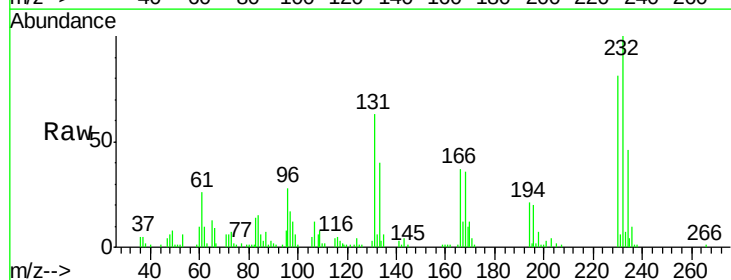
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

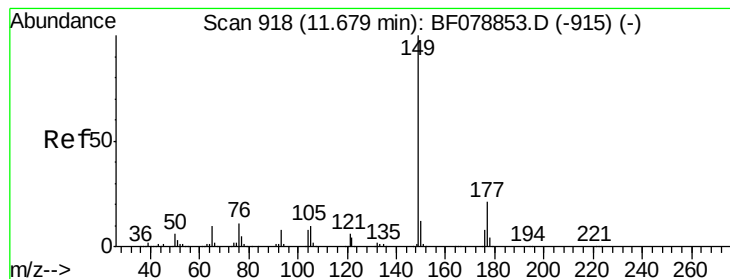
Tgt Ion:166 Resp: 330379
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.5 119.3
 167 13.6 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.22 ng
 RT: 11.21 min Scan# 877
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Tgt Ion:232 Resp: 68622
 Ion Ratio Lower Upper
 232 100
 131 52.5 41.9 62.9
 130 2.5 1.9 2.9
 166 33.2 27.0 40.6





#59

Diethylphthalate

Concen: 49.75 ng

RT: 11.37 min Scan# 891

Delta R.T. -0.07 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

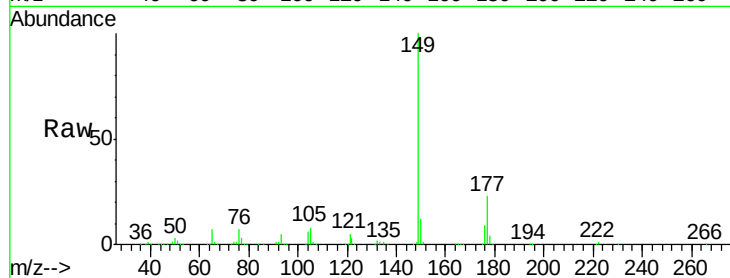
Tgt Ion:149 Resp: 335781

Ion Ratio Lower Upper

149 100

177 23.1 16.4 24.6

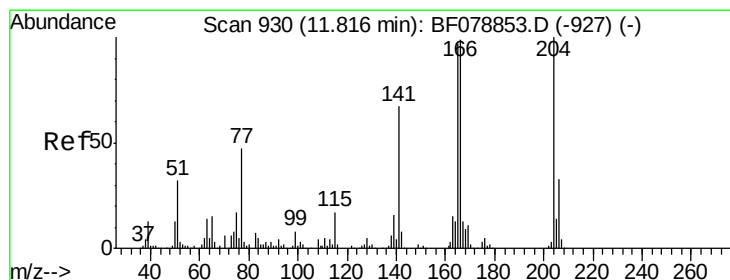
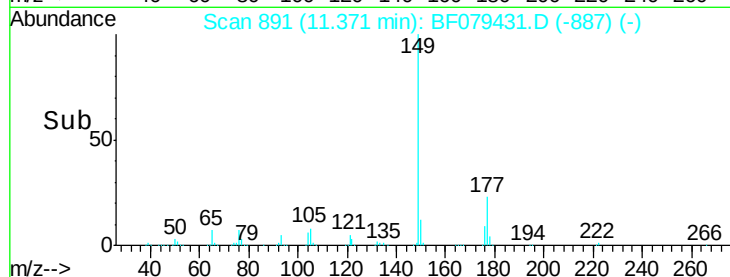
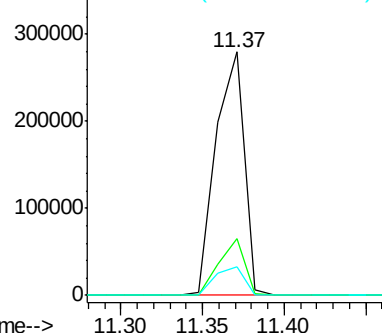
150 11.8 9.8 14.6



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: 47.81 ng

RT: 11.48 min Scan# 901

Delta R.T. -0.08 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

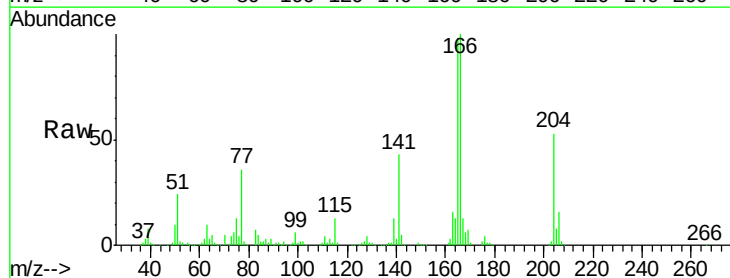
Tgt Ion:204 Resp: 141700

Ion Ratio Lower Upper

204 100

206 31.0 26.2 39.4

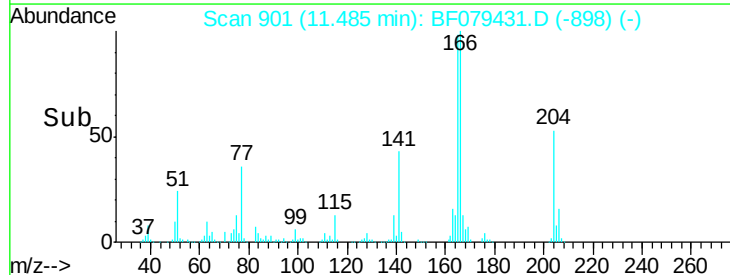
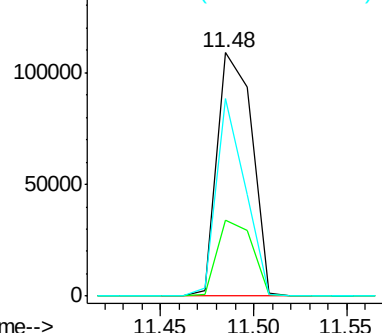
141 81.2 53.6 80.4#

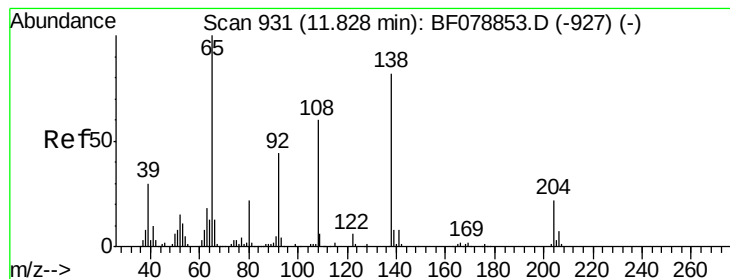


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 55.12 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.08 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

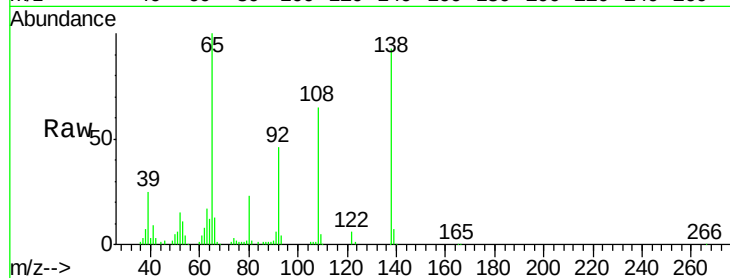
Tgt Ion:138 Resp: 92602

Ion Ratio Lower Upper

138 100

92 49.4 33.7 73.7

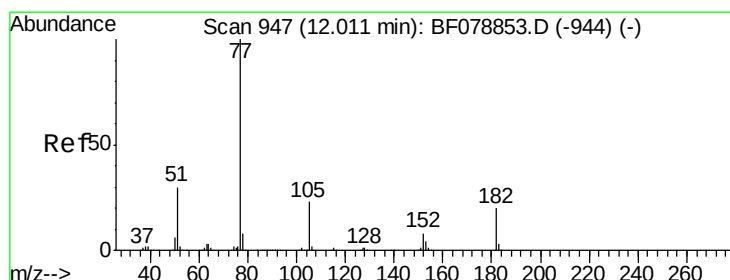
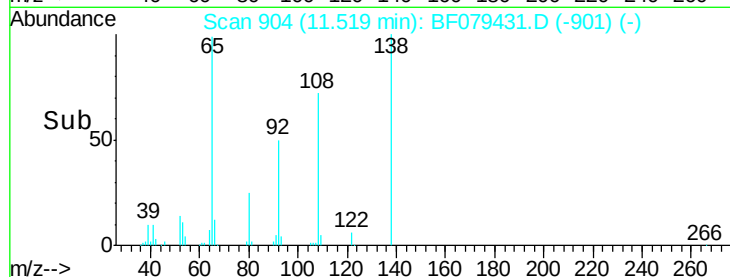
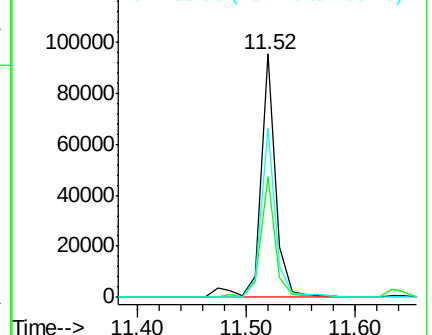
108 69.8 53.4 93.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.55 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.08 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Tgt Ion: 77 Resp: 316207

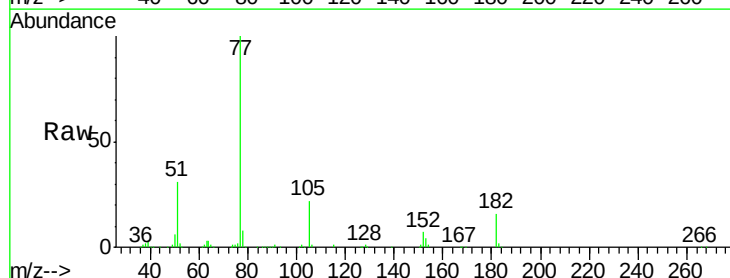
Ion Ratio Lower Upper

77 100

182 15.6 0.0 40.0

105 21.5 2.9 42.9

51 30.7 10.0 50.0

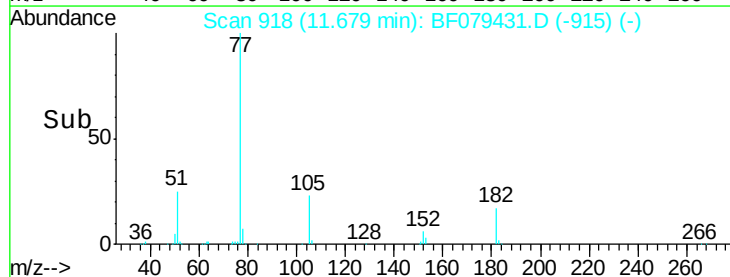
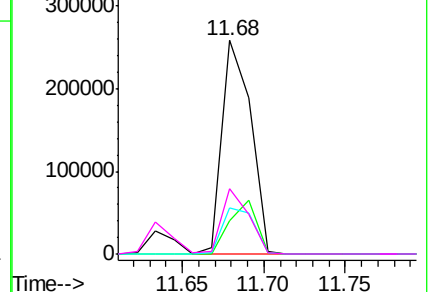


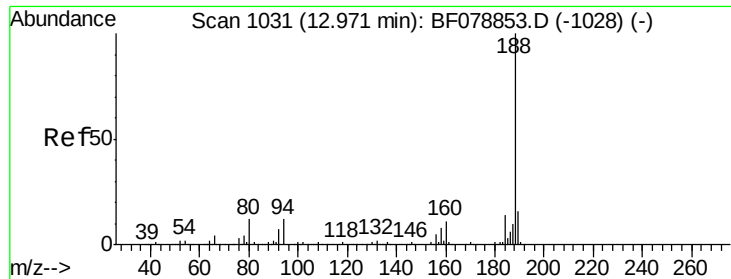
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

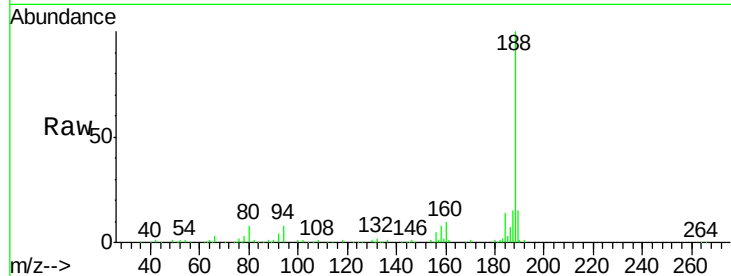




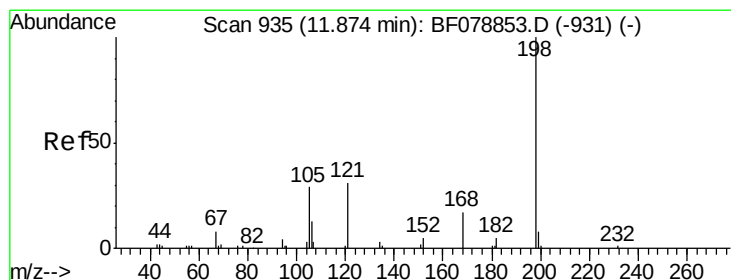
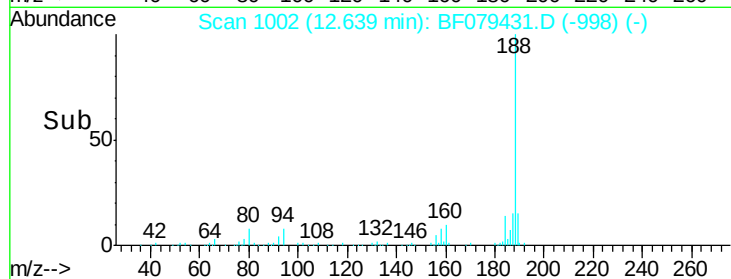
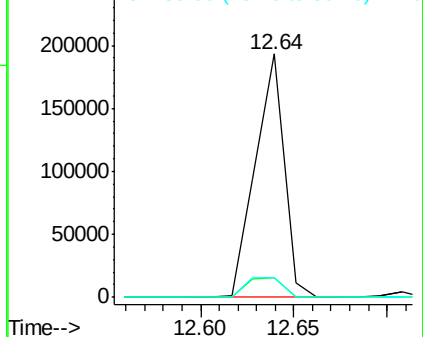
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.64 min Scan# 1002
Delta R.T. -0.08 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 205961
Ion Ratio Lower Upper
188 100
94 8.2 9.4 14.0#
80 8.2 9.8 14.6#

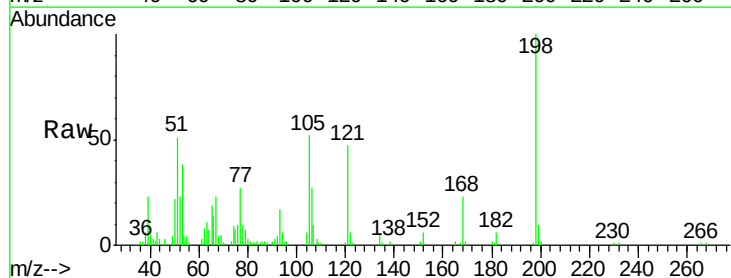


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

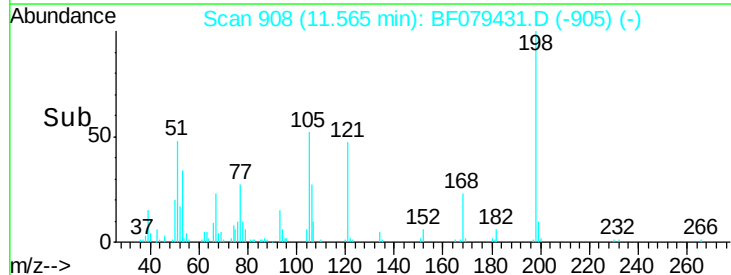
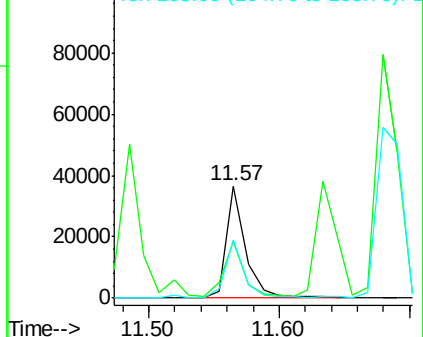


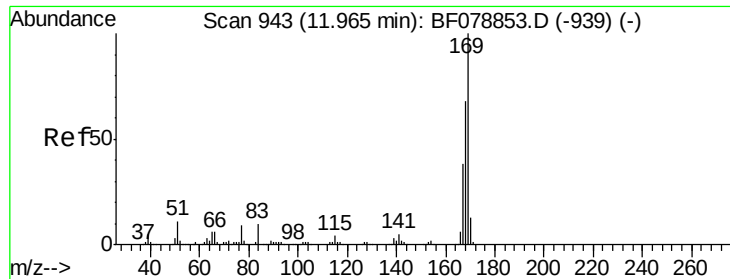
#64
4,6-Dinitro-2-methylphenol
Concen: 45.36 ng
RT: 11.57 min Scan# 908
Delta R.T. -0.08 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

Tgt Ion:198 Resp: 38084
Ion Ratio Lower Upper
198 100
51 51.0 7.0 47.0#
105 51.7 13.7 53.7



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

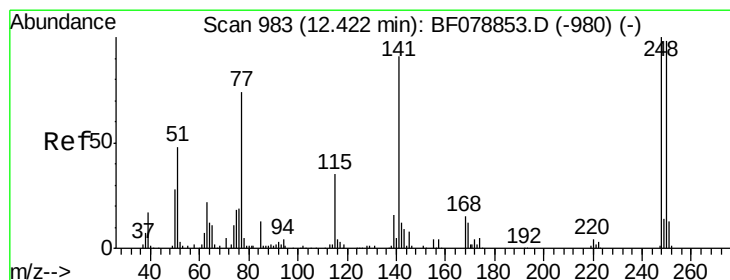
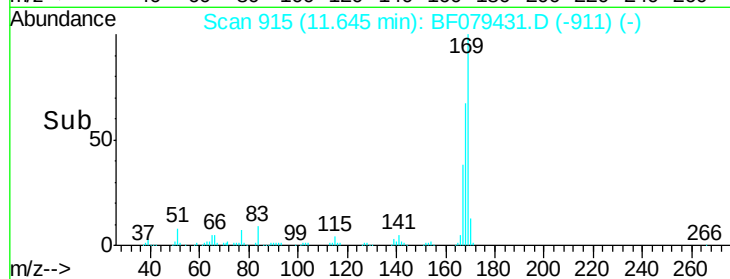
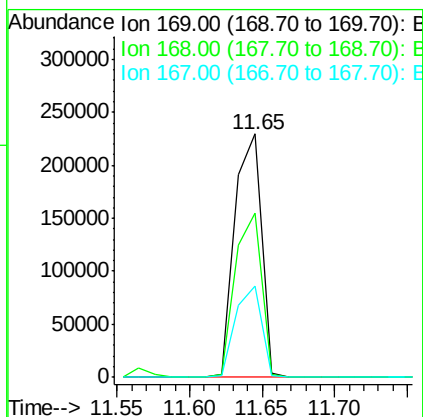
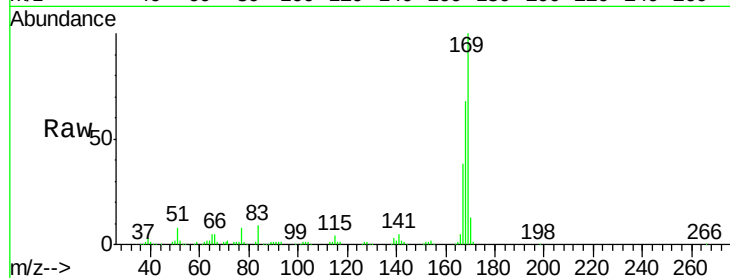




#65
 n-Nitrosodiphenylamine
 Concen: 42.97 ng
 RT: 11.65 min Scan# 915
 Delta R.T. -0.07 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

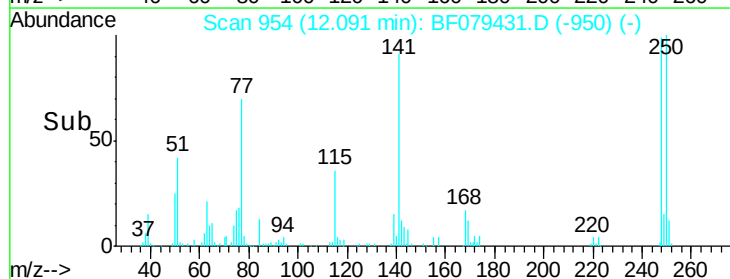
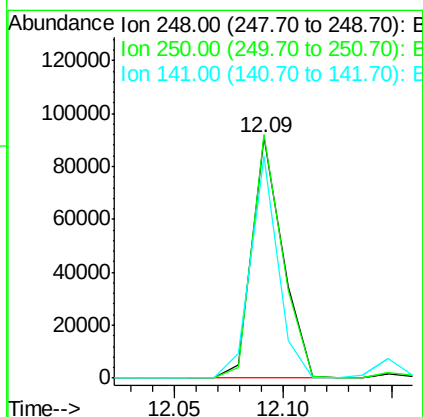
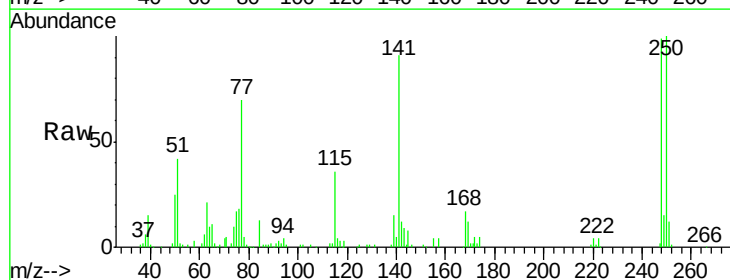
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

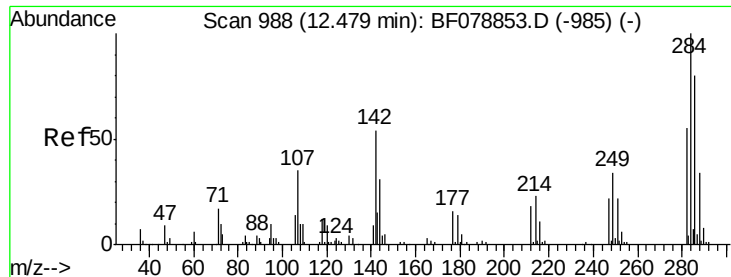
Tgt Ion:169 Resp: 294756
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.1 81.1
 167 37.6 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 41.85 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Tgt Ion:248 Resp: 89853
 Ion Ratio Lower Upper
 248 100
 250 101.2 78.0 117.0
 141 92.0 72.6 109.0

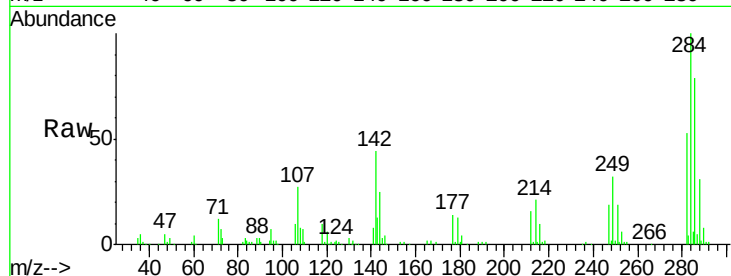




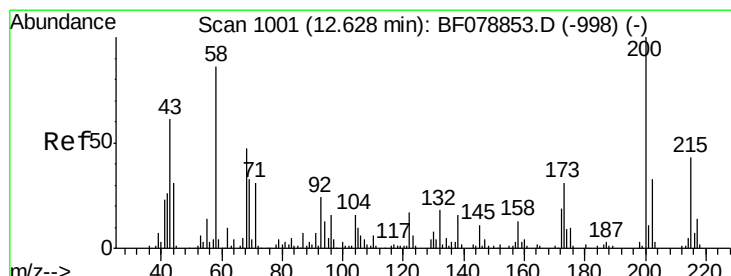
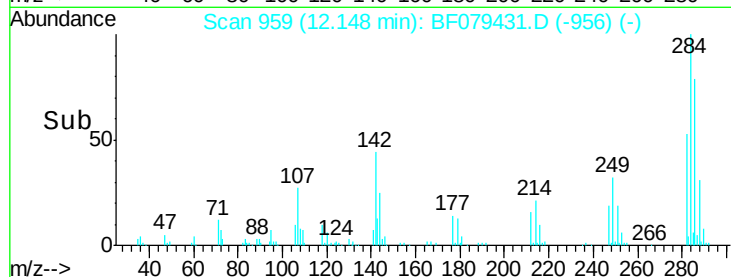
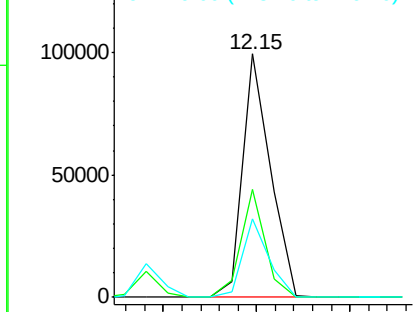
#67
Hexachlorobenzene
Concen: 41.86 ng
RT: 12.15 min Scan# 959
Delta R.T. -0.09 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 284 Resp: 102723
Ion Ratio Lower Upper
284 100
142 44.2 43.2 64.8
249 32.1 27.5 41.3

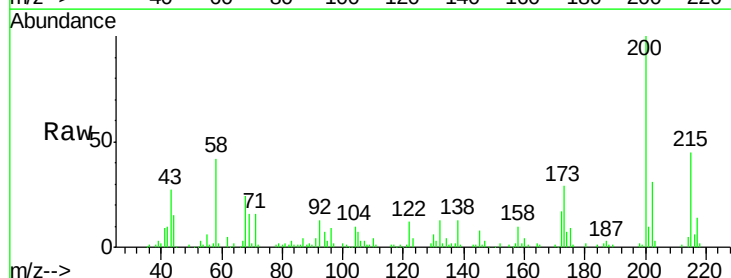


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

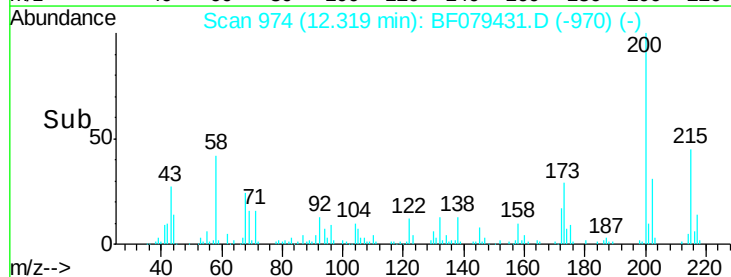
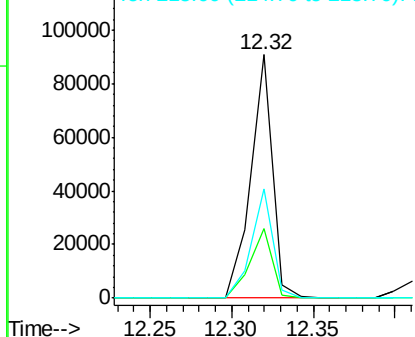


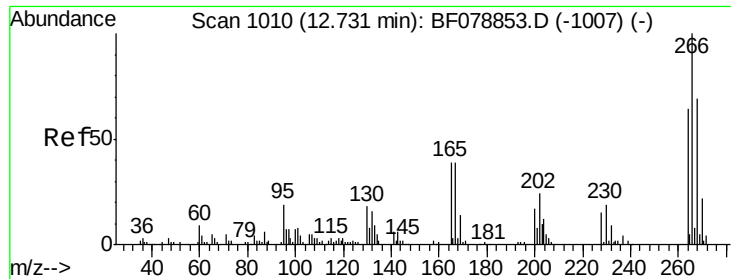
#68
Atrazine
Concen: 41.99 ng
RT: 12.32 min Scan# 974
Delta R.T. -0.08 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

Tgt Ion: 200 Resp: 83745
Ion Ratio Lower Upper
200 100
173 28.6 10.9 50.9
215 44.7 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

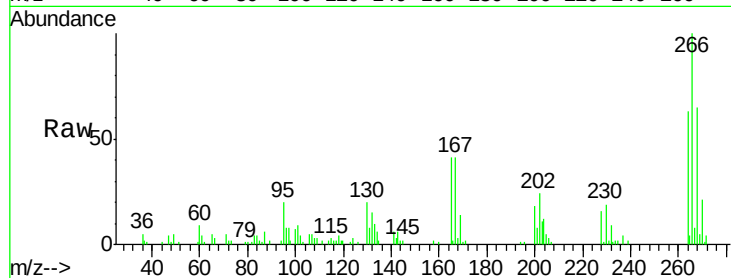




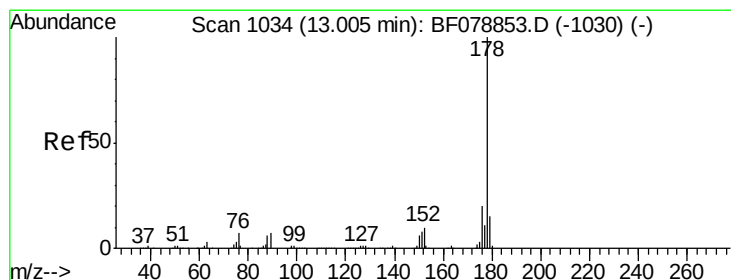
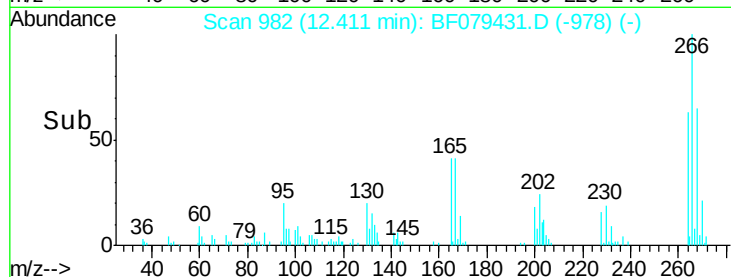
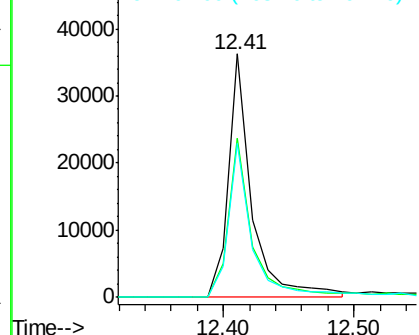
#69
 Pentachlorophenol
 Concen: 35.74 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 45373
 Ion Ratio Lower Upper
 266 100
 268 65.4 55.0 82.6
 264 63.3 50.9 76.3

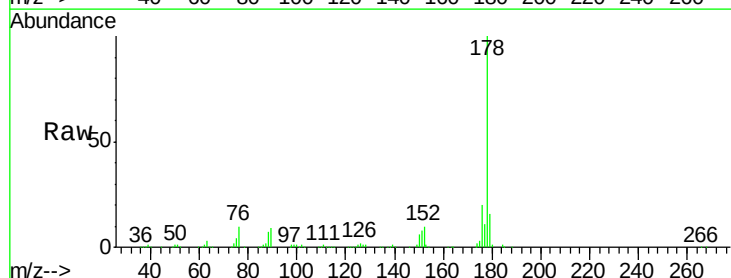


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

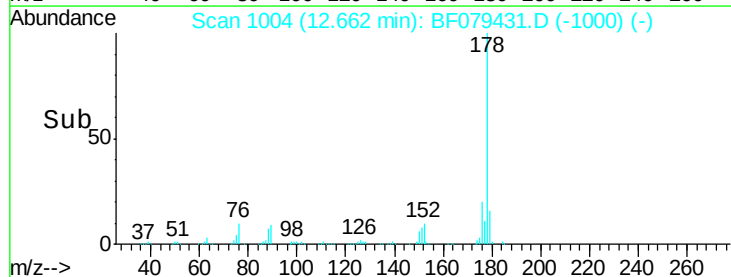
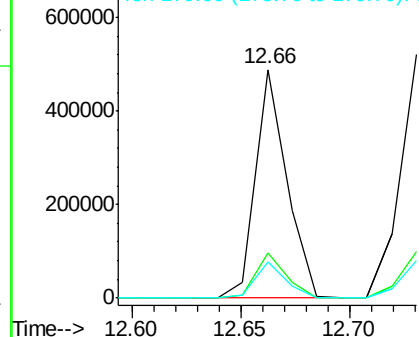


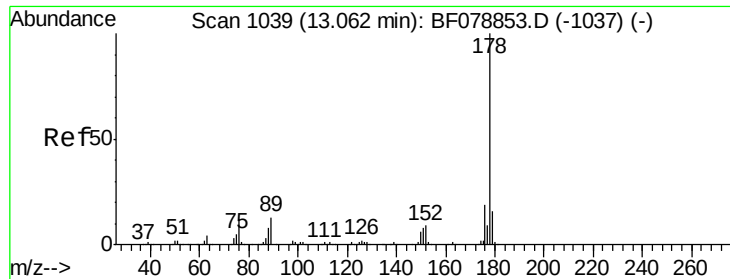
#70
 Phenanthrene
 Concen: 42.44 ng
 RT: 12.66 min Scan# 1004
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Tgt Ion: 178 Resp: 488958
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.7 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

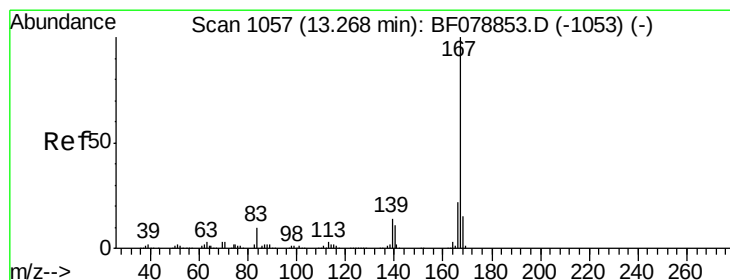
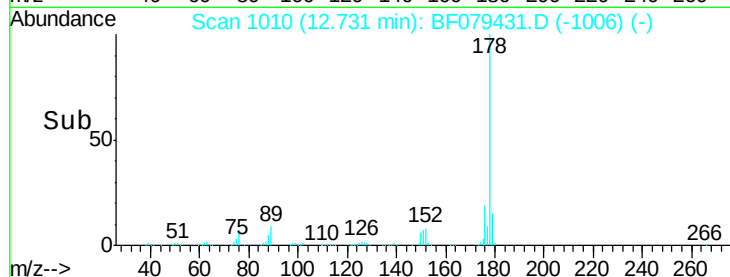
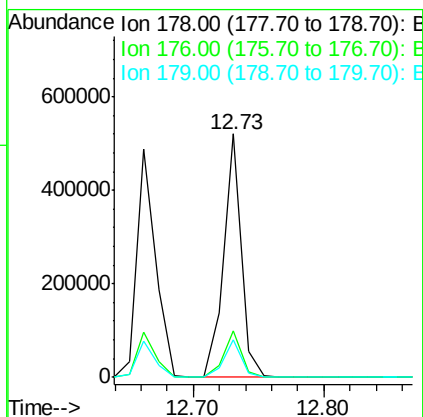
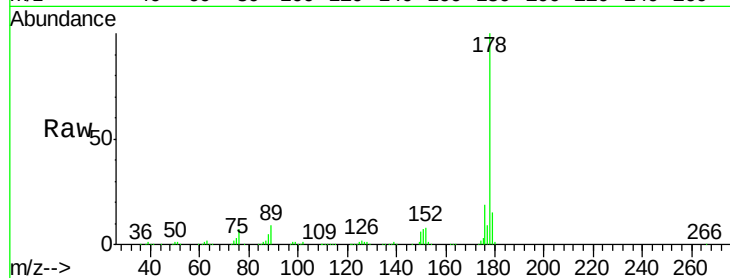




#71
 Anthracene
 Concen: 43.77 ng
 RT: 12.73 min Scan# 1010
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

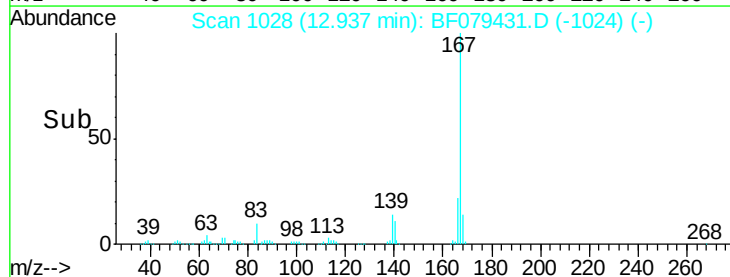
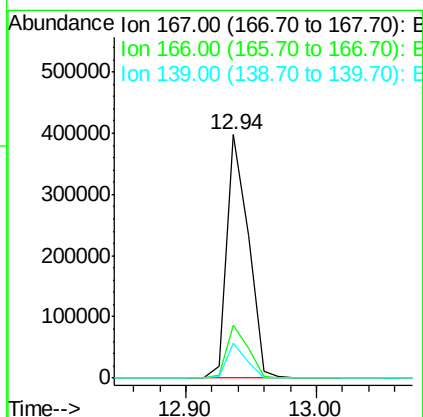
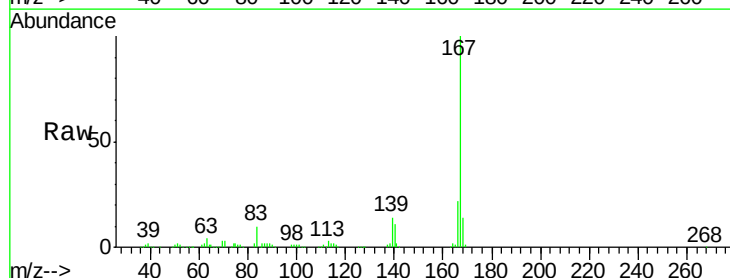
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

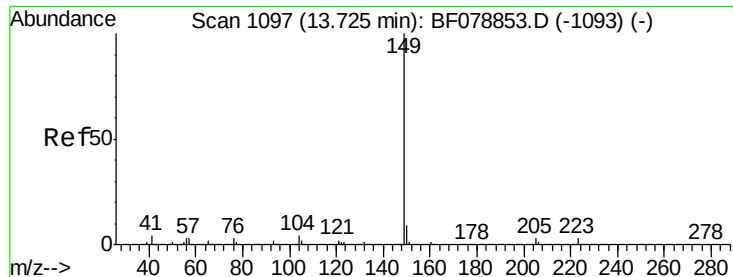
Tgt Ion:178 Resp: 494767
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 42.48 ng
 RT: 12.94 min Scan# 1028
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Tgt Ion:167 Resp: 457638
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 14.1 11.0 16.4





#73

Di-n-butylphthalate

Concen: 43.96 ng

RT: 13.39 min Scan# 1068

Delta R.T. -0.08 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

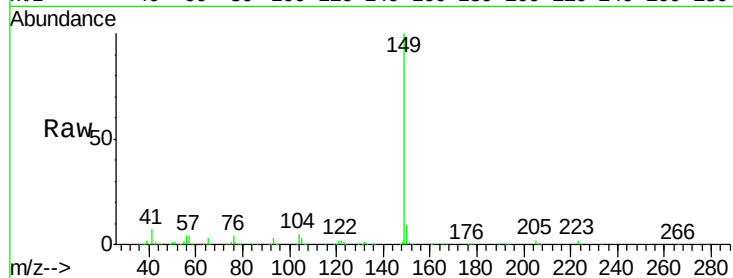
Tgt Ion:149 Resp: 567992

Ion Ratio Lower Upper

149 100

150 9.3 7.0 10.4

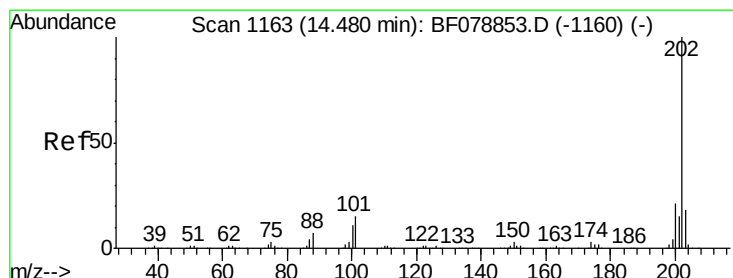
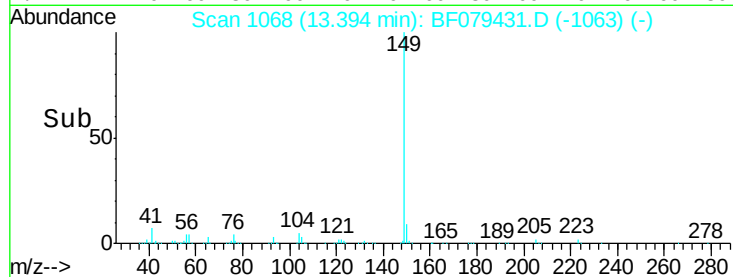
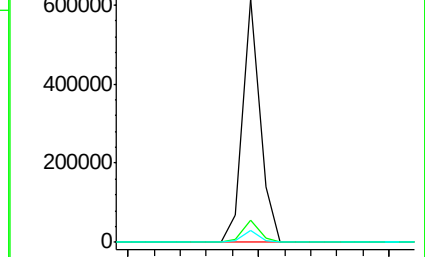
104 4.8 3.3 4.9



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: 42.18 ng

RT: 14.14 min Scan# 1133

Delta R.T. -0.09 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

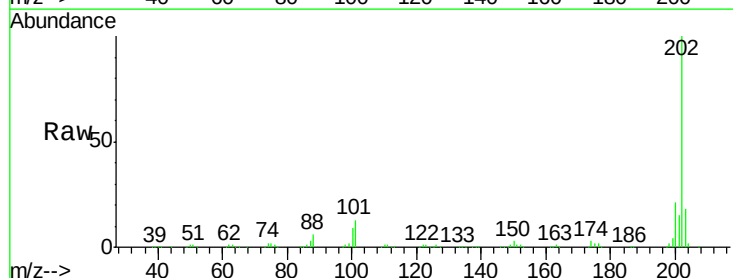
Tgt Ion:202 Resp: 506370

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.7

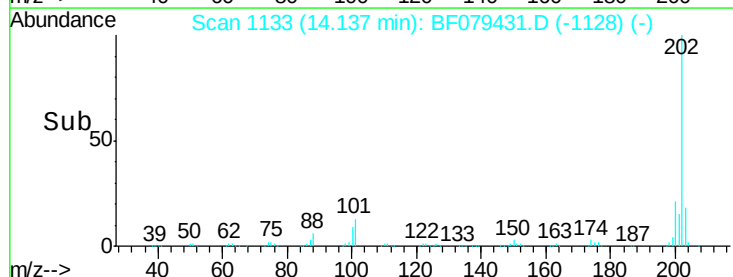
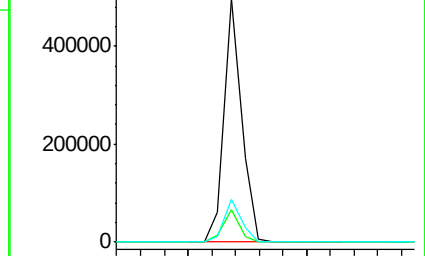
203 17.6 0.0 37.9

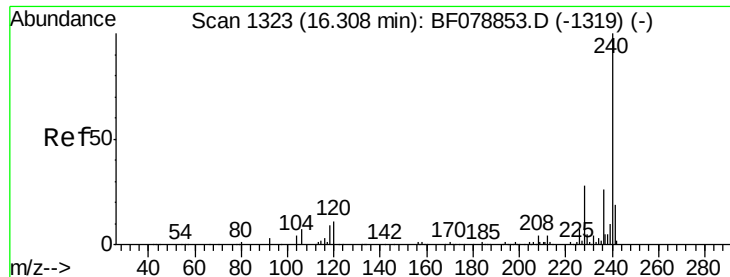


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.97 min Scan# 1293

Delta R.T. -0.06 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

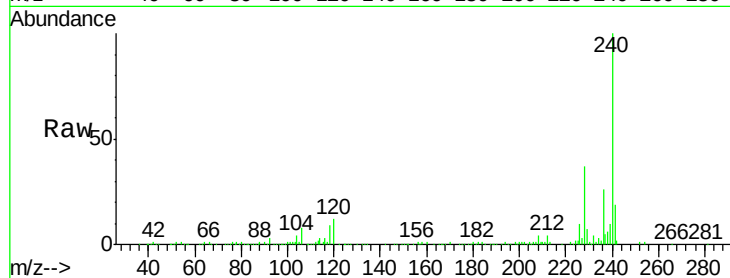
Tgt Ion:240 Resp: 209966

Ion Ratio Lower Upper

240 100

120 11.7 8.6 12.8

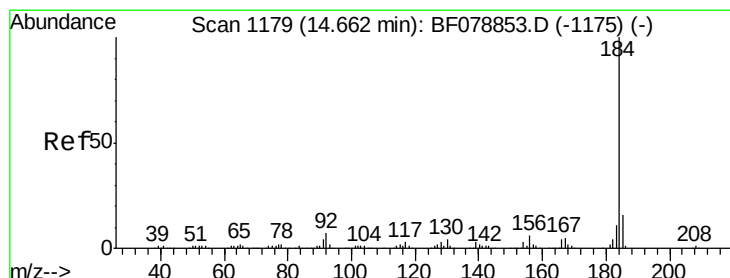
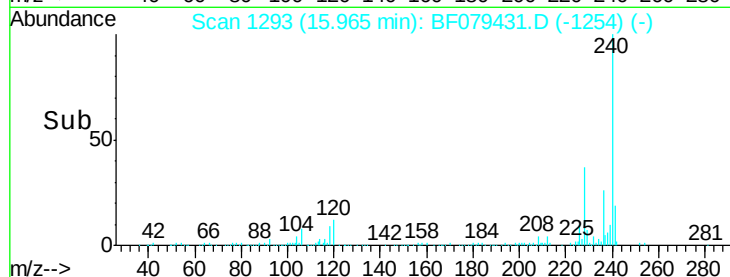
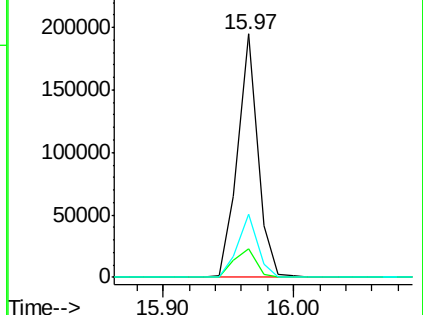
236 26.1 21.0 31.6



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: 50.60 ng

RT: 14.33 min Scan# 1150

Delta R.T. -0.08 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

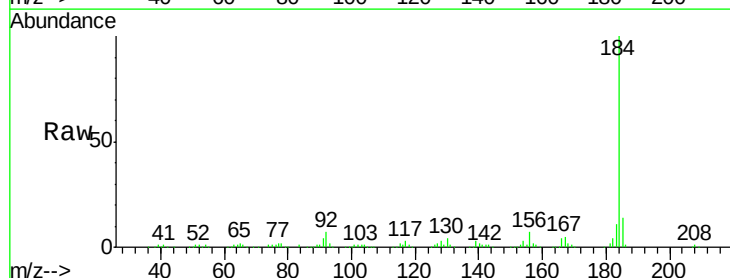
Tgt Ion:184 Resp: 286343

Ion Ratio Lower Upper

184 100

185 14.4 12.8 19.2

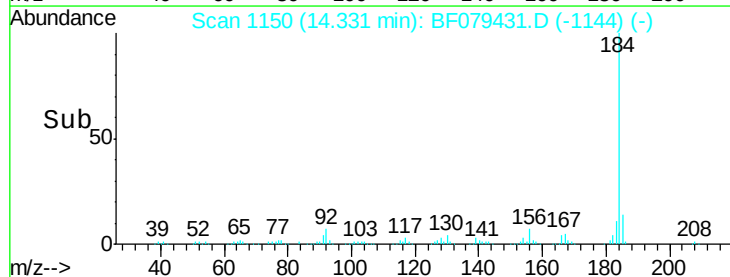
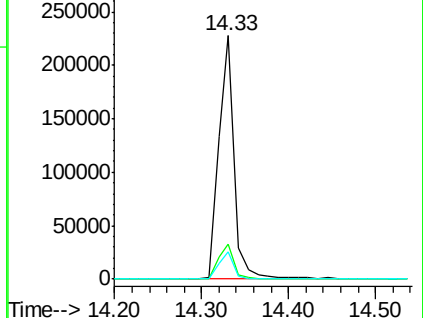
183 11.1 9.0 13.4

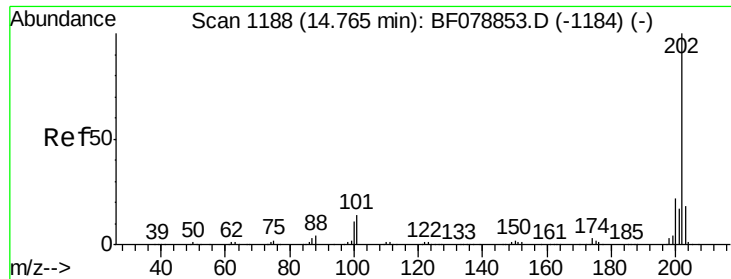


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

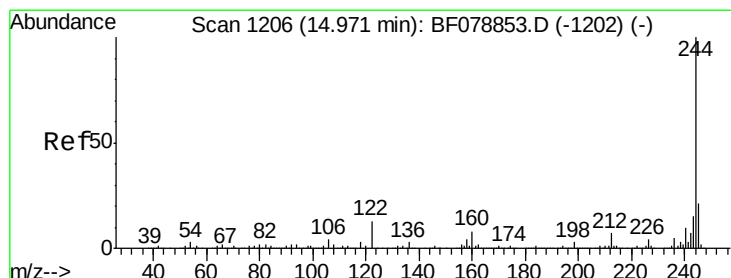
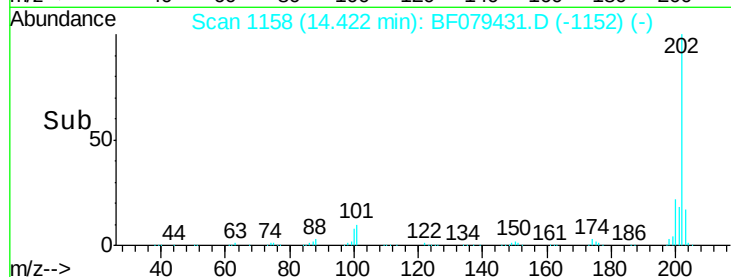
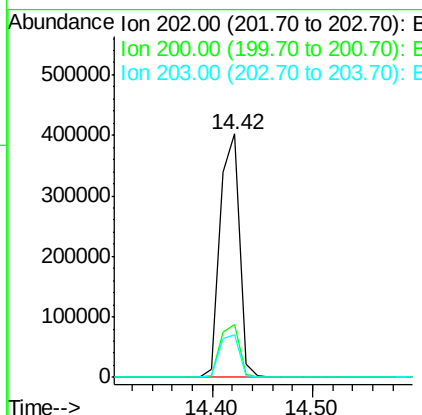
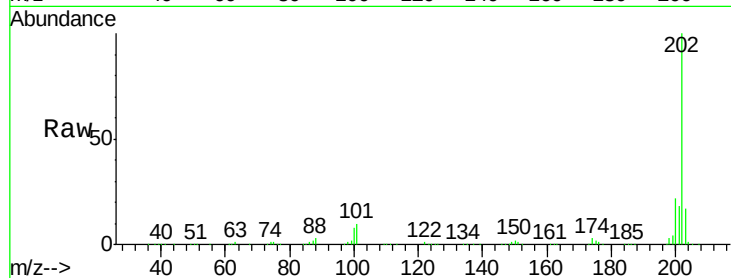




#77
 Pyrene
 Concen: 44.28 ng
 RT: 14.42 min Scan# 1158
 Delta R.T. -0.08 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

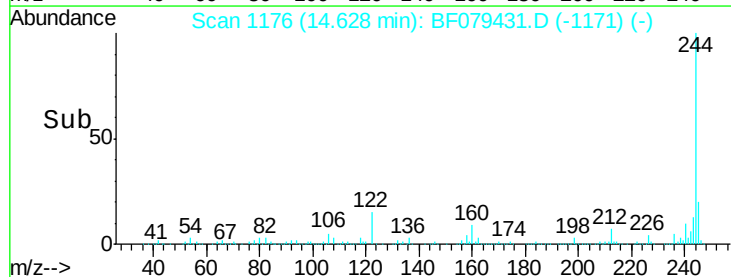
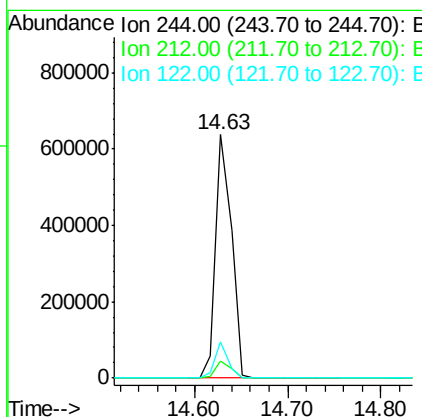
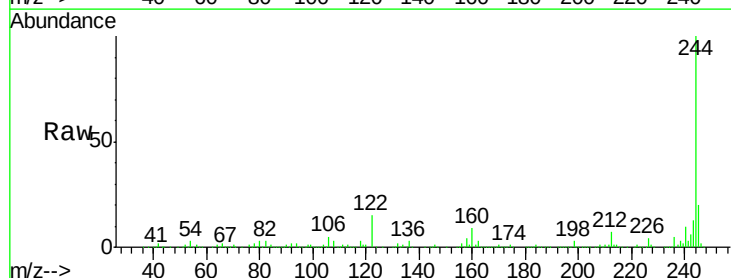
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

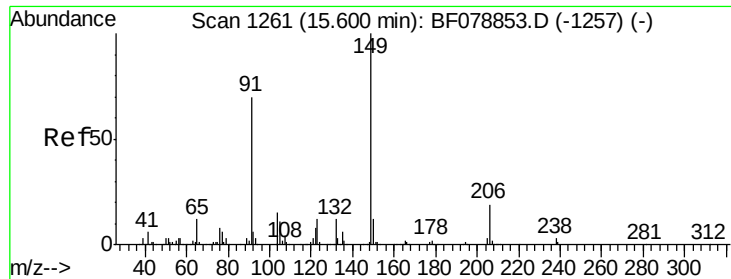
Tgt Ion: 202 Resp: 535791
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.5 26.3
 203 17.4 14.7 22.1



#78
 Terphenyl-d14
 Concen: 85.72 ng
 RT: 14.63 min Scan# 1176
 Delta R.T. -0.09 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Tgt Ion: 244 Resp: 751750
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 14.9 10.5 15.7

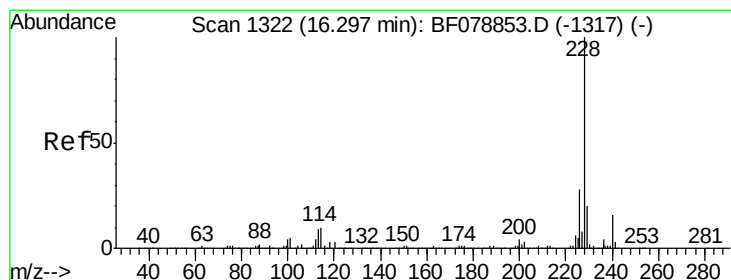
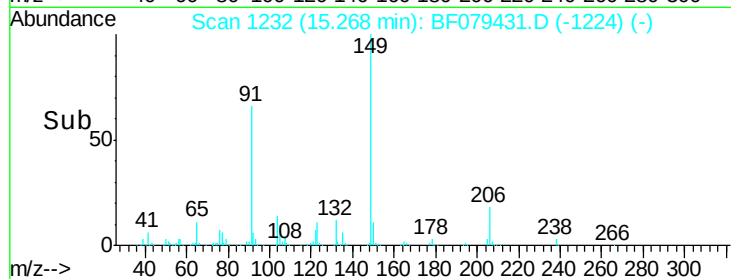
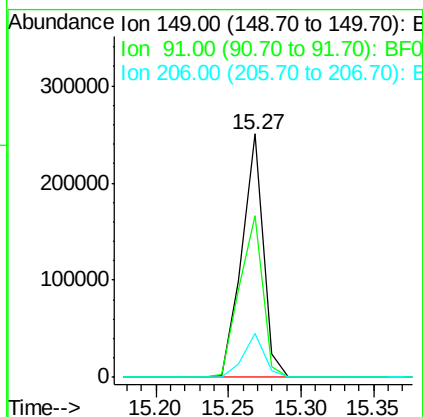
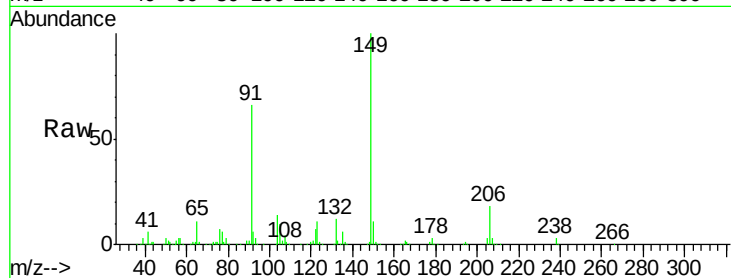




#79
Butylbenzylphthalate
Concen: 48.87 ng
RT: 15.27 min Scan# 1232
Delta R.T. -0.07 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

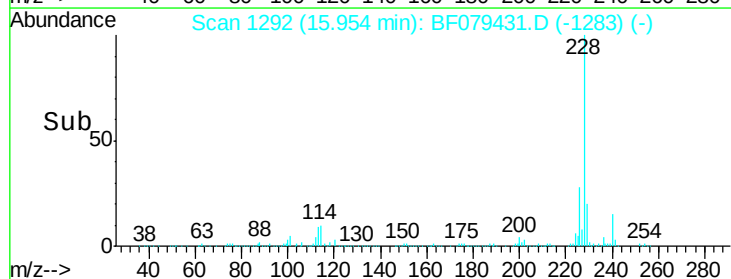
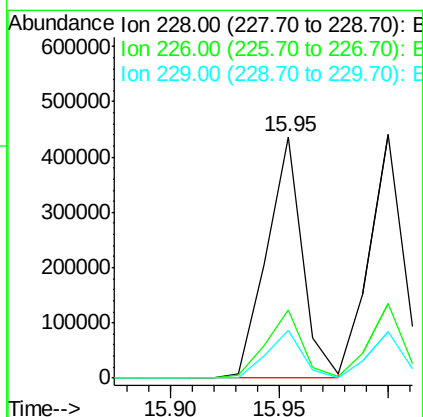
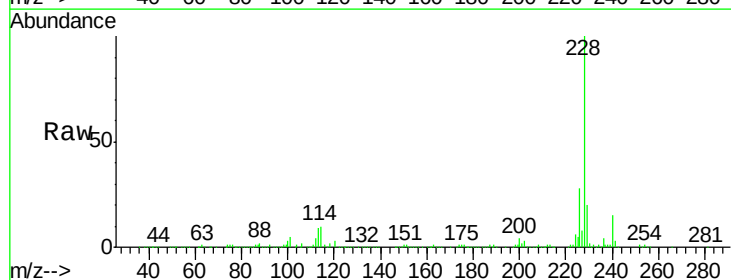
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

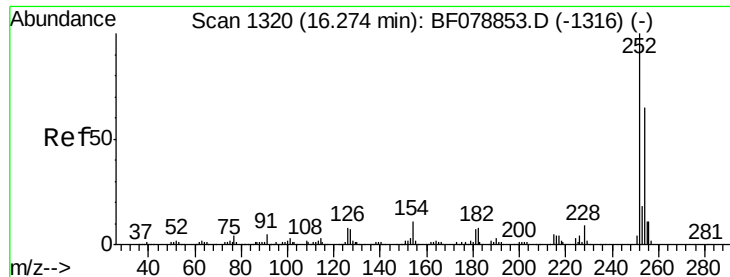
Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	56.2	84.2
206	18.0	15.2	22.8



#80
Benzo(a)anthracene
Concen: 43.60 ng
RT: 15.95 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	19.9	16.1	24.1

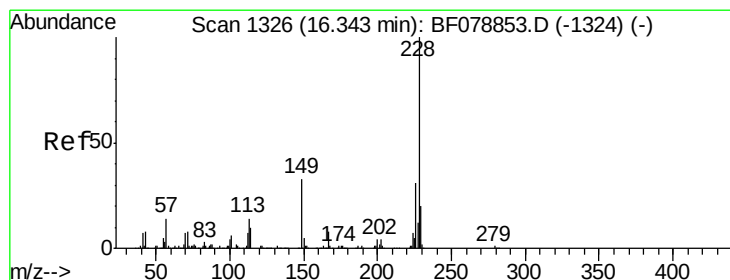
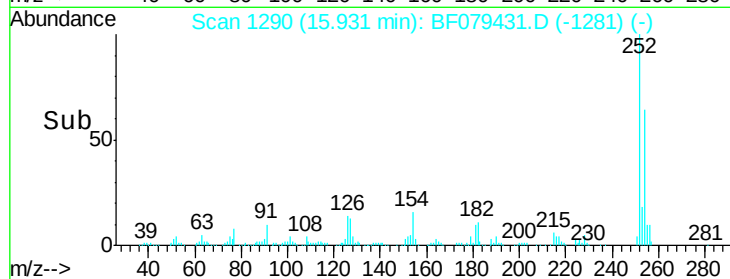
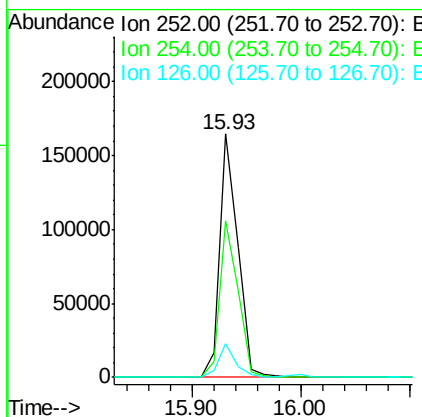
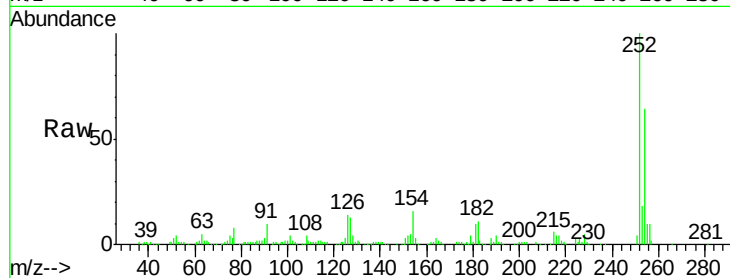




#81
 3,3'-Dichlorobenzidine
 Concen: 46.73 ng
 RT: 15.93 min Scan# 1290
 Delta R.T. -0.06 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

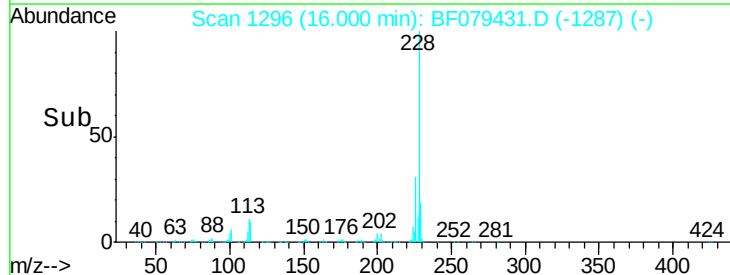
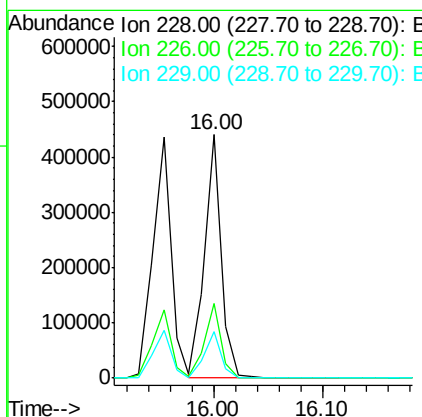
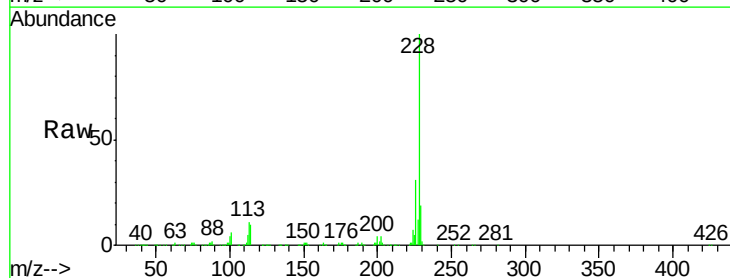
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

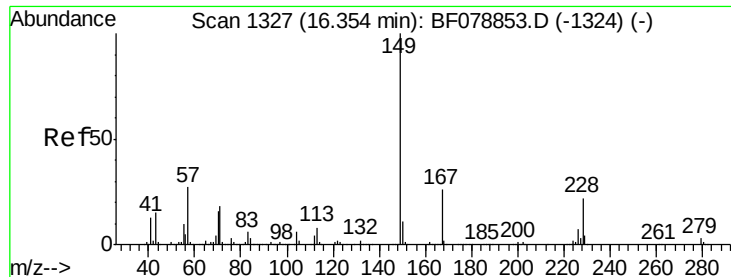
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.2	78.2
126	13.8	6.6	9.8



#82
 Chrysene
 Concen: 43.22 ng
 RT: 16.00 min Scan# 1296
 Delta R.T. -0.06 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	19.4	16.1	24.1

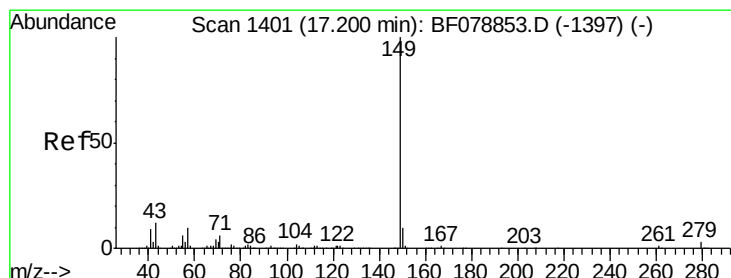
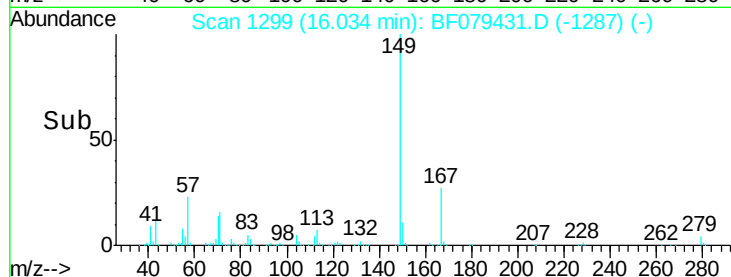
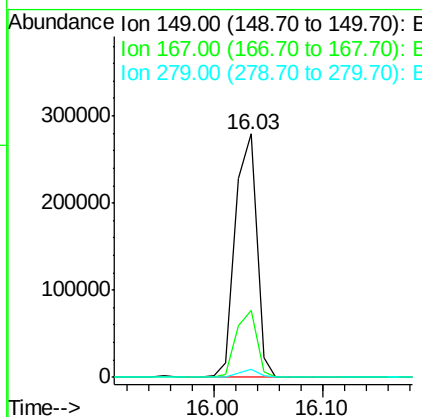
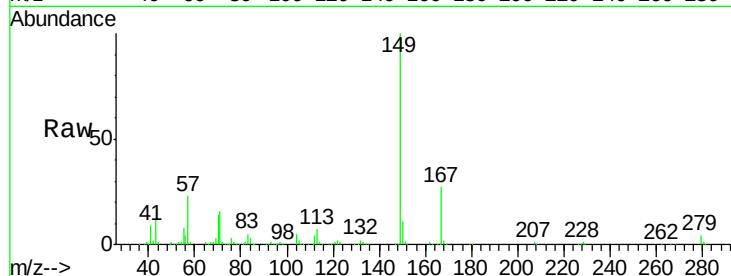




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.16 ng
 RT: 16.03 min Scan# 1299
 Delta R.T. -0.03 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

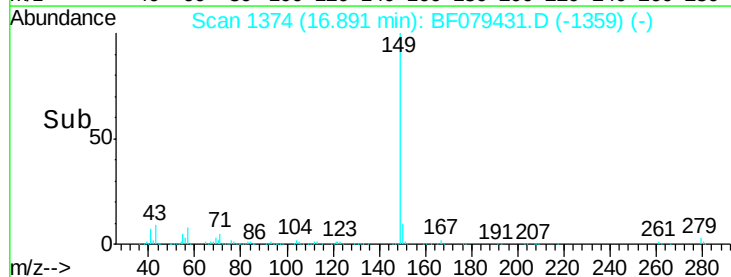
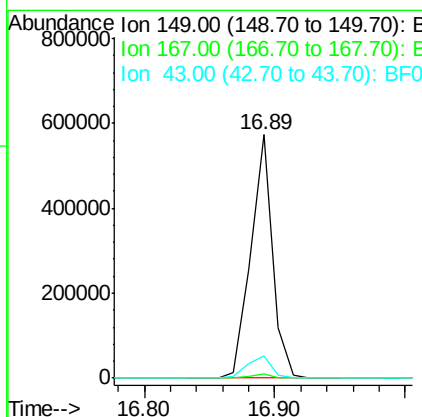
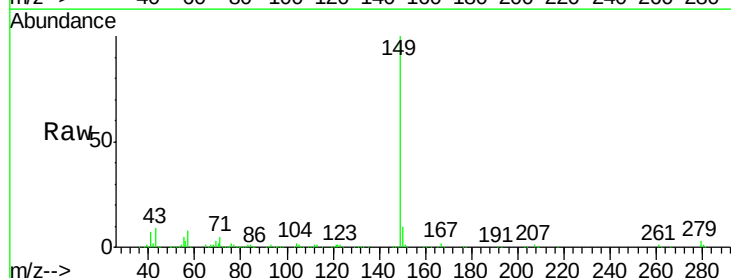
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

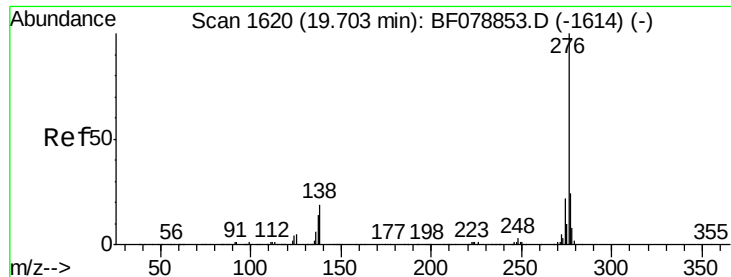
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.2	31.8
279	3.6	2.6	4.0



#84
 Di-n-octyl phthalate
 Concen: 47.06 ng
 RT: 16.89 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8#
43	9.9	9.0	13.6

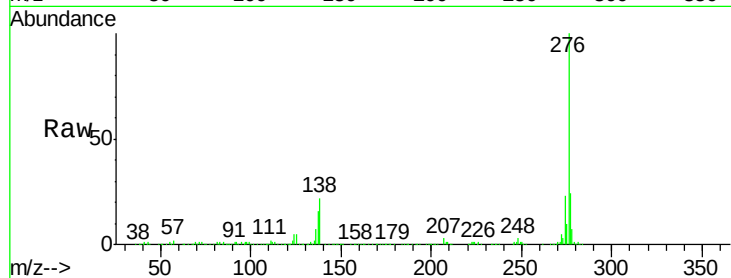




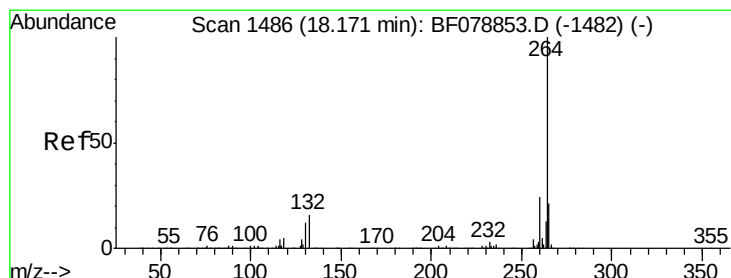
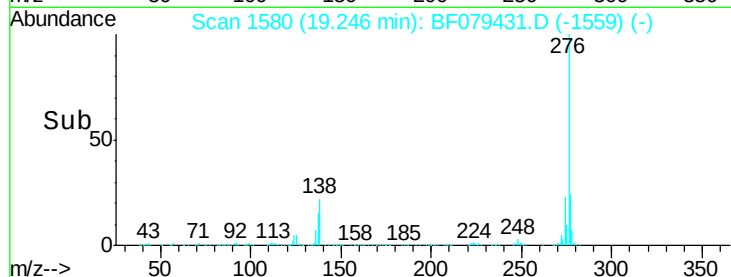
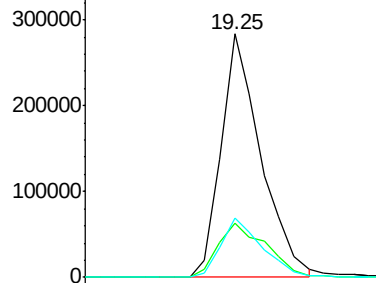
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.75 ng
 RT: 19.25 min Scan# 1580
 Delta R.T. 0.03 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.1	31.7
277	25.3	19.9	29.9

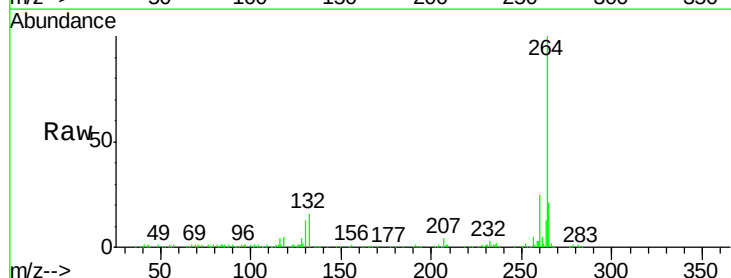


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

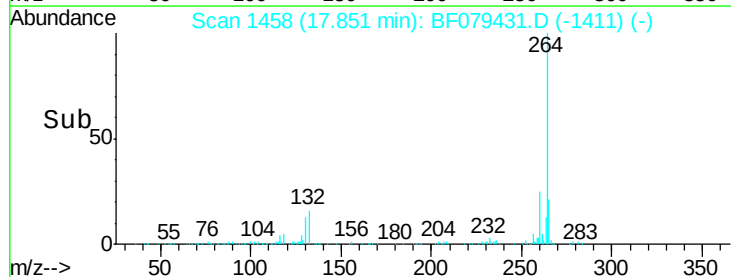
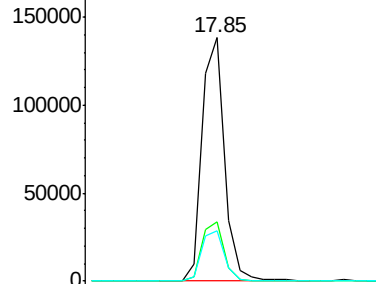


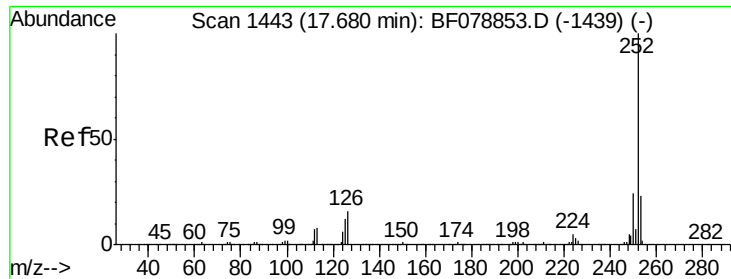
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1458
 Delta R.T. 0.03 min
 Lab File: BF079431.D
 Acq: 22 May 2015 14:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.8	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

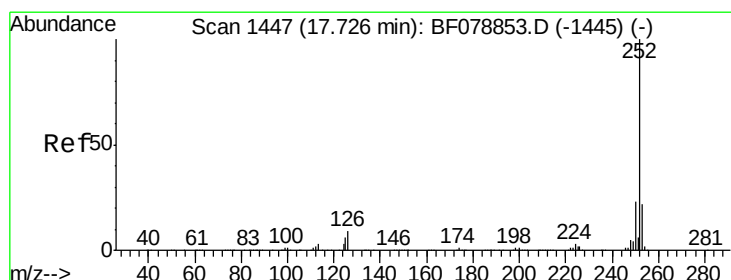
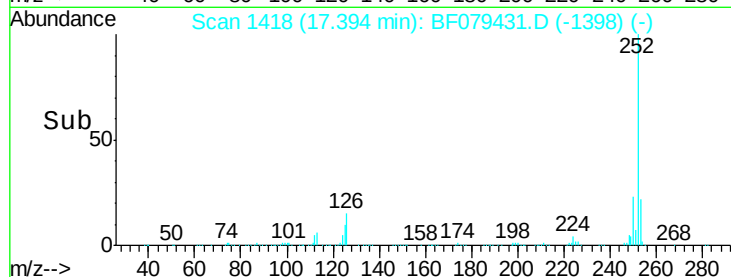
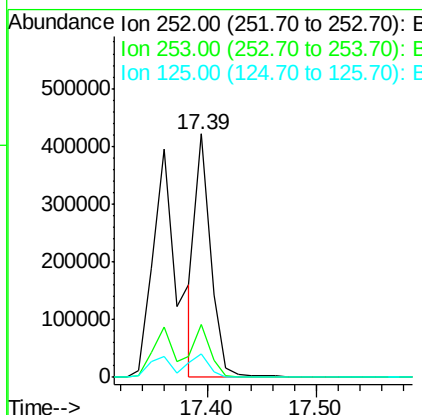
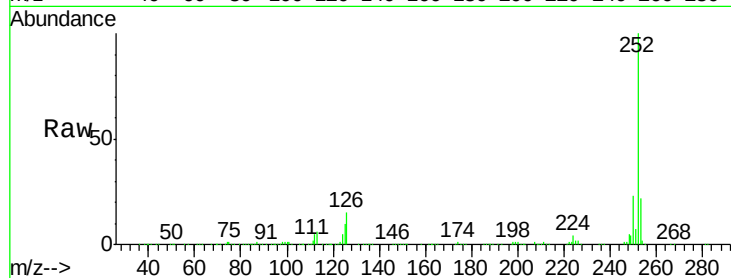




#87
Benzo(b)fluoranthene
Concen: 34.94 ng
RT: 17.39 min Scan# 1418
Delta R.T. 0.05 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

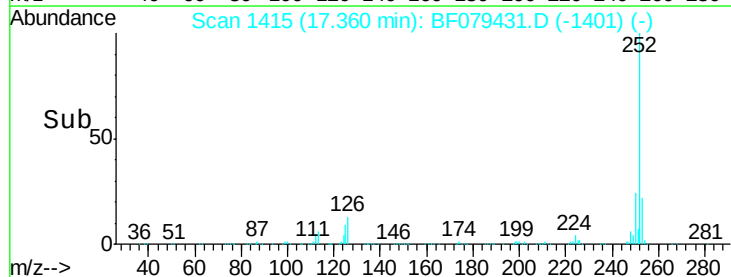
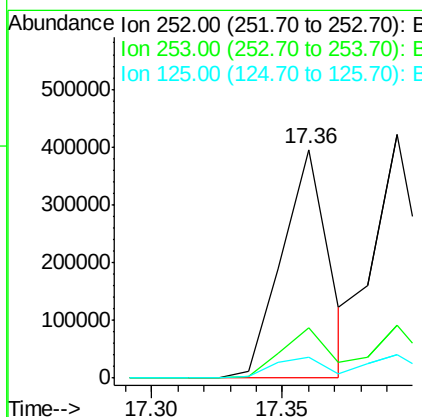
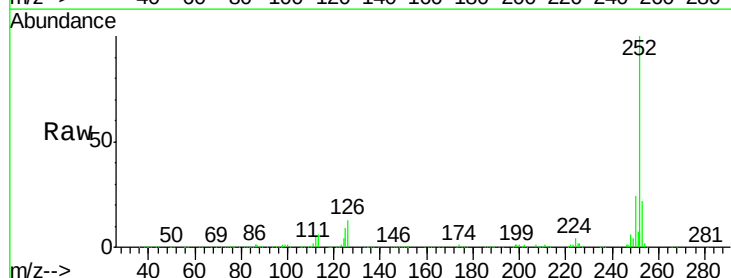
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

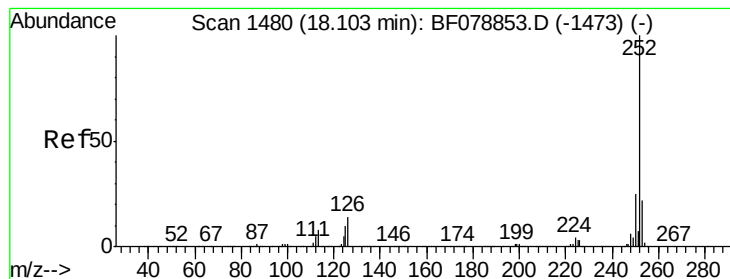
Tgt Ion: 252 Resp: 406482
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 9.7 9.4 14.2



#88
Benzo(k)fluoranthene
Concen: 43.59 ng
RT: 17.36 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF079431.D
Acq: 22 May 2015 14:11

Tgt Ion: 252 Resp: 490879
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.1 6.1 9.1





#89

Benzo(a)pyrene

Concen: 44.90 ng

RT: 17.77 min Scan# 1451

Delta R.T. 0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

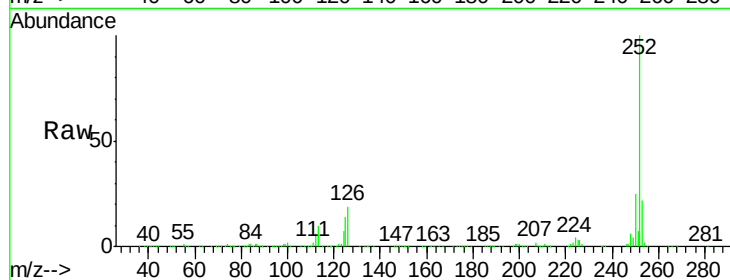
Tgt Ion:252 Resp: 480926

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

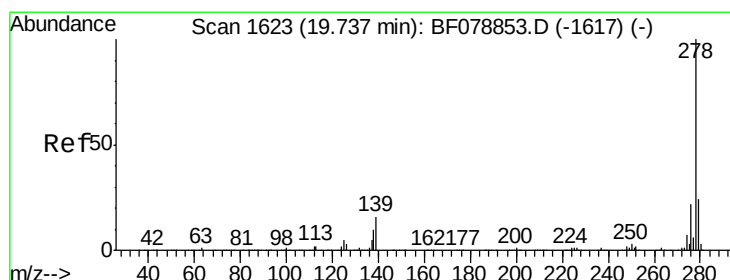
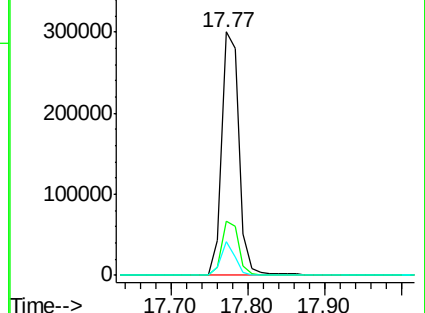
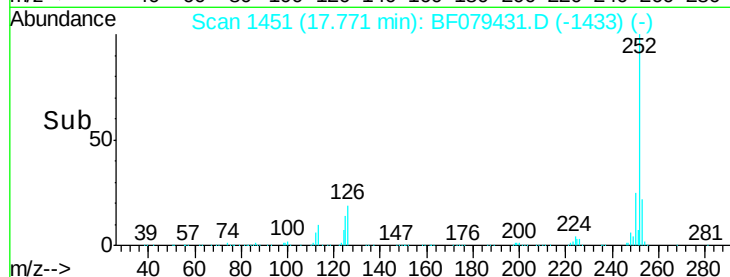
125 13.7 8.2 12.2#



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: 44.58 ng

RT: 19.27 min Scan# 1582

Delta R.T. 0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

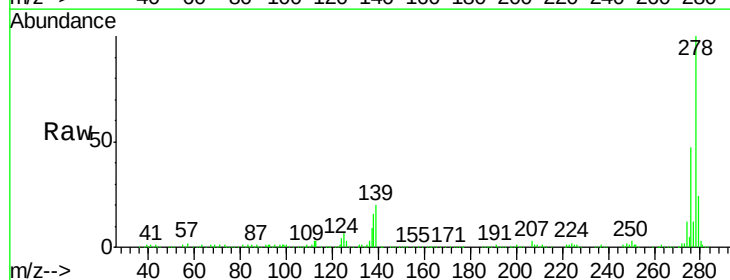
Tgt Ion:278 Resp: 507511

Ion Ratio Lower Upper

278 100

139 19.7 13.1 19.7

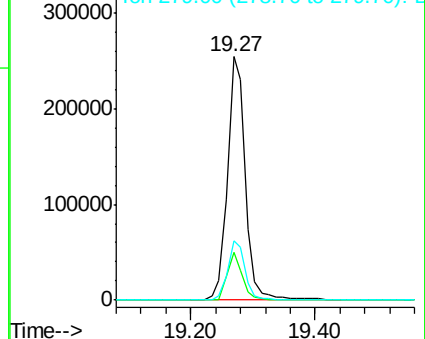
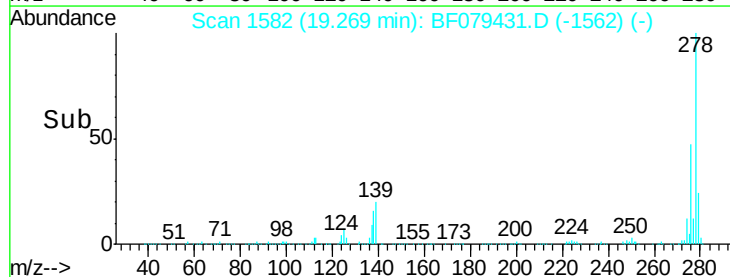
279 24.3 19.1 28.7

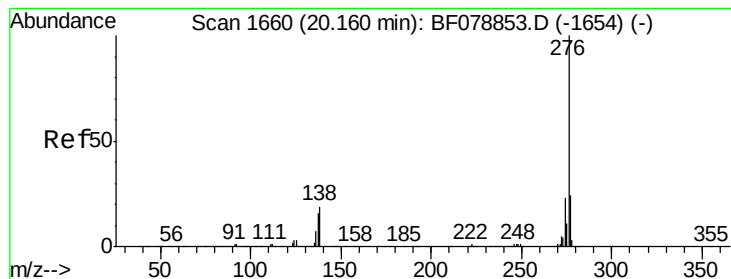


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.80 ng

RT: 19.65 min Scan# 1615

Delta R.T. 0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

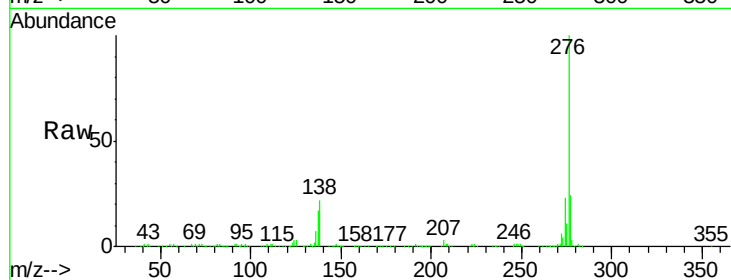
Tgt Ion: 276 Resp: 499745

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 21.5 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

