

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052115\
 Data File : BF079420.D
 Acq On : 21 May 2015 23:27
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 01:31:10 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.00	ng	-7.13
21) Naphthalene-d8	0.000	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	10.811	164	104820	20.00	ng	-0.07
63) Phenanthrene-d10	12.651	188	202642	20.00	ng	-0.07
75) Chrysene-d12	15.931	240	207864	20.00	ng	-0.09
86) Perylene-d12	17.634	264	214996	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ng	
7) Phenol-d6	0.000	99	0	0.00	ng	
23) Nitrobenzene-d5	0.000	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	11.794	330	103661	91.42	ng	-0.07
44) 2-Fluorobiphenyl	9.999	172	667504	88.72	ng	-0.06
78) Terphenyl-d14	14.651	244	763143	87.90	ng	-0.07
Target Compounds						
						Qvalue
39) 1,2,4,5-Tetrachloroben...	9.736	216	127215	43.09	ng	99
40) Hexachlorocyclopentadiene	9.725	237	30566	20.59	ng	98
42) 2,4,6-Trichlorophenol	9.885	196	87126	42.93	ng	95
43) 2,4,5-Trichlorophenol	9.942	196	86543	42.18	ng	98
45) 1,1'-Biphenyl	10.113	154	359591	43.15	ng	97
46) 2-Chloronaphthalene	10.136	162	284517	43.77	ng	92
47) 2-Nitroaniline	10.273	65	84843	45.05	ng	# 56
48) Acenaphthylene	10.639	152	472035	44.23	ng	99
49) Dimethylphthalate	10.502	163	326660	42.46	ng	99
50) 2,6-Dinitrotoluene	10.582	165	71109	46.84	ng	# 85
51) Acenaphthene	10.856	154	270105	42.44	ng	99
52) 3-Nitroaniline	10.776	138	85621	45.15	ng	96
53) 2,4-Dinitrophenol	10.925	184	17103	40.47	ng	# 62
54) Dibenzofuran	11.073	168	401909	43.72	ng	98
55) 4-Nitrophenol	11.005	139	53571	35.69	ng	92
56) 2,4-Dinitrotoluene	11.073	165	88414	44.05	ng	# 54
57) Fluorene	11.496	166	335563	44.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.234	232	66299	39.54	ng	99
59) Diethylphthalate	11.382	149	333773	43.79	ng	99
60) 4-Chlorophenyl-phenyle...	11.508	204	146564	43.79	ng	93
61) 4-Nitroaniline	11.531	138	86797	45.75	ng	99
62) Azobenzene	11.702	77	318435	42.40	ng	96
64) 4,6-Dinitro-2-methylph...	11.576	198	36191	44.25	ng	# 43
65) n-Nitrosodiphenylamine	11.656	169	291523	43.20	ng	99
66) 4-Bromophenyl-phenylether	12.114	248	89004	42.14	ng	# 85
67) Hexachlorobenzene	12.171	284	104280	43.19	ng	# 73
68) Atrazine	12.331	200	82077	41.82	ng	98
69) Pentachlorophenol	12.422	266	40670	33.17	ng	97
70) Phenanthrene	12.685	178	474893	41.89	ng	100
71) Anthracene	12.742	178	469288	42.20	ng	100
72) Carbazole	12.959	167	458245	43.23	ng	98
73) Di-n-butylphthalate	13.405	149	551584	43.39	ng	# 98
74) Fluoranthene	14.160	202	506928	42.91	ng	92
76) Benzidine	14.342	184	271896	48.53	ng	98
77) Pyrene	14.434	202	527316	44.02	ng	99
79) Butylbenzylphthalate	15.268	149	242924	46.40	ng	99
80) Benzo(a)anthracene	15.920	228	488636	42.93	ng	100

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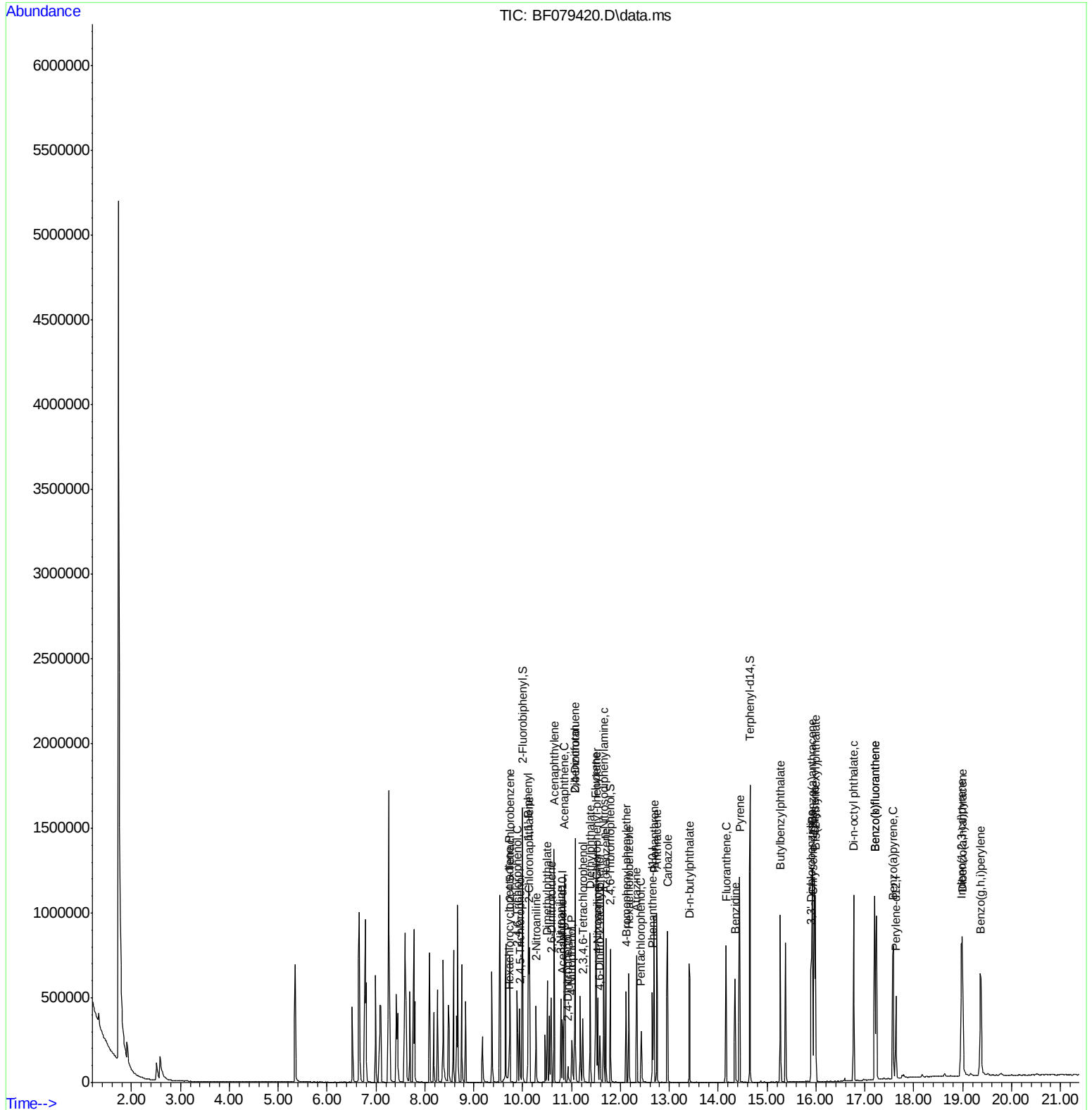
Quant Time: May 22 01:31:10 2015
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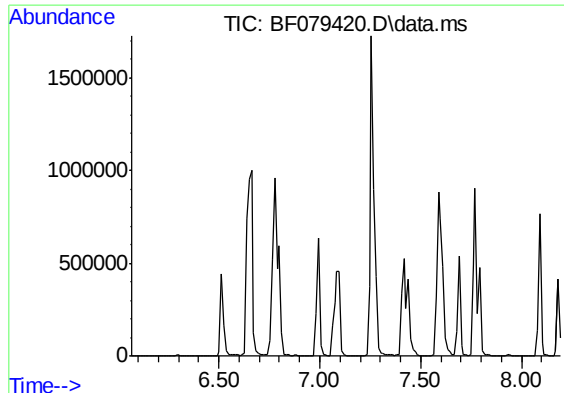
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) 3,3'-Dichlorobenzidine	15.897	252	182709	45.06	ng	# 96
82) Chrysene	15.965	228	474894	43.38	ng	100
83) Bis(2-ethylhexyl)phtha...	15.988	149	368227	46.43	ng	99
84) Di-n-octyl phthalate	16.765	149	623169	44.62	ng	97
85) Indeno(1,2,3-cd)pyrene	18.971	276	633532	45.42	ng	100
87) Benzo(b)fluoranthene	17.200	252	490919	41.72	ng	98
88) Benzo(k)fluoranthene	17.200	252	490919	43.09	ng	# 97
89) Benzo(a)pyrene	17.577	252	485142	44.77	ng	# 97
90) Dibenzo(a,h)anthracene	18.994	278	516844	44.88	ng	98
91) Benzo(g,h,i)perylene	19.371	276	517142	44.81	ng	99

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

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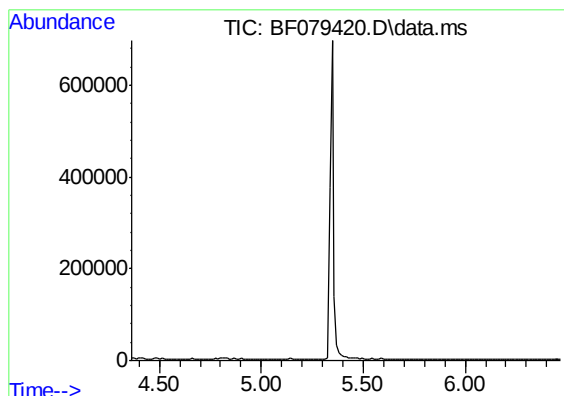
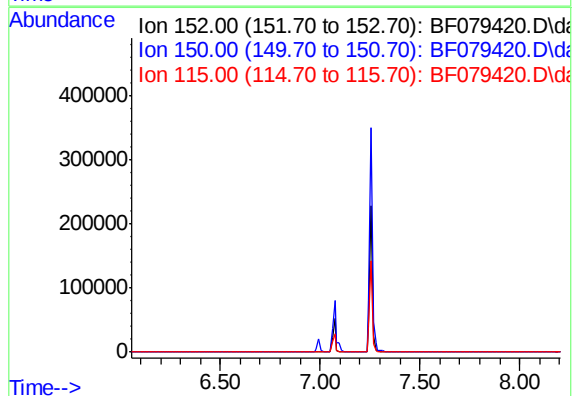


#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 7.13 min

Lab File: BF079420.D
Acq: 21 May 2015 23:27

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

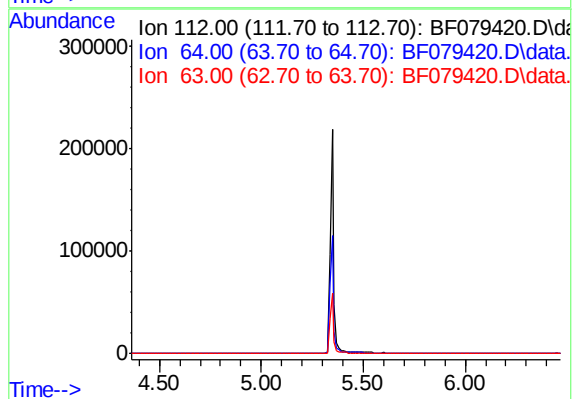
Instrument :
BNA_F
ClientSampleId :

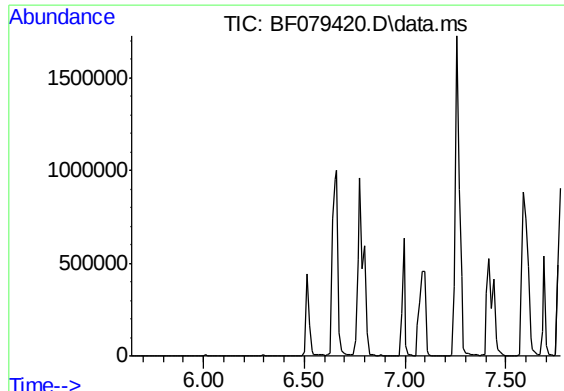


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.42 min

Lab File: BF079420.D
Acq: 21 May 2015 23:27

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





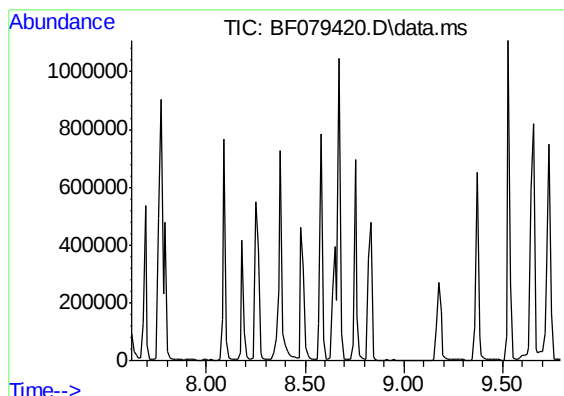
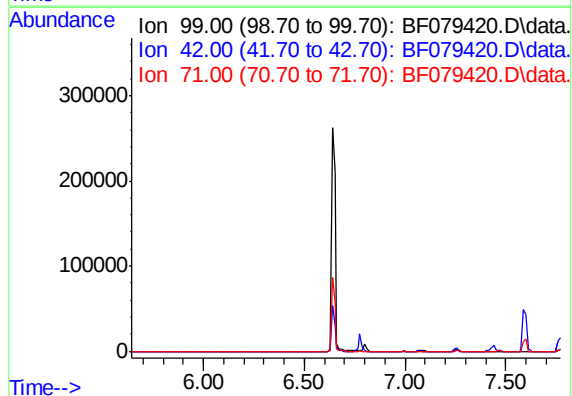
#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.71 min

Lab File: BF079420.D
 Acq: 21 May 2015 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

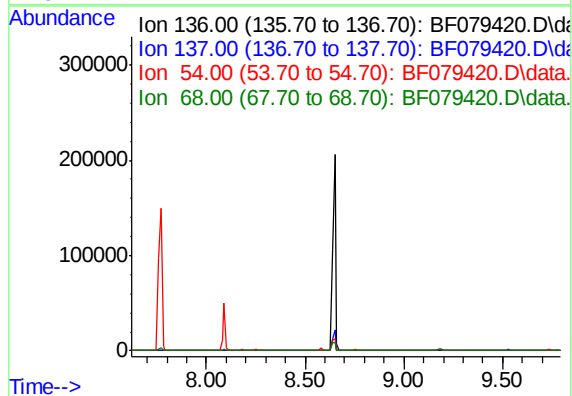


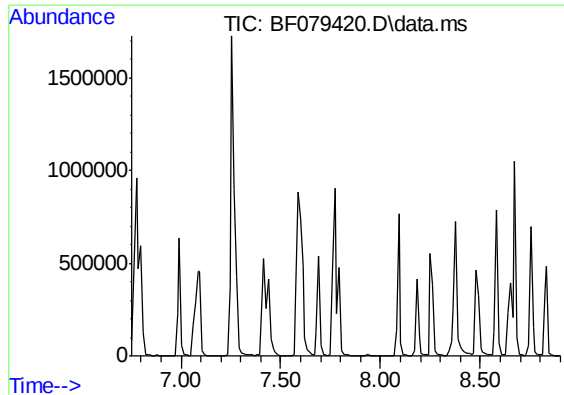
#21
 Naphthalene-d8
 Concen: 0.00 ng
 Expected RT: 8.71 min

Lab File: BF079420.D
 Acq: 21 May 2015 23:27

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.0
54	8.6
68	6.1



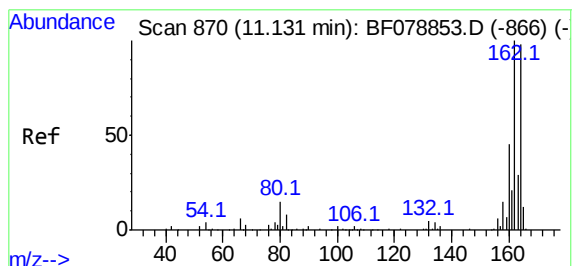
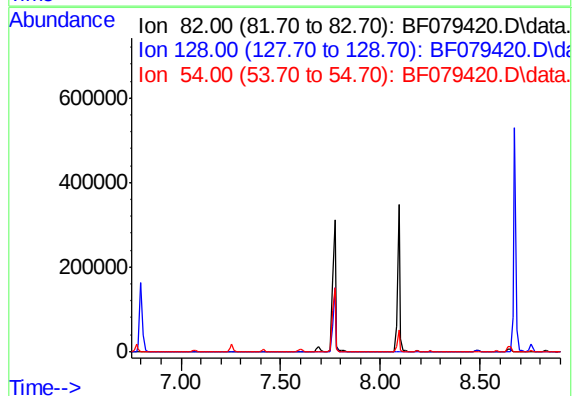


#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.83 min

 Lab File: BF079420.D
 Acq: 21 May 2015 23:27

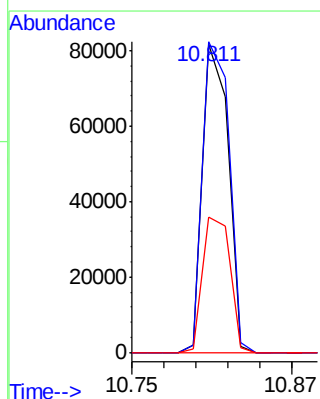
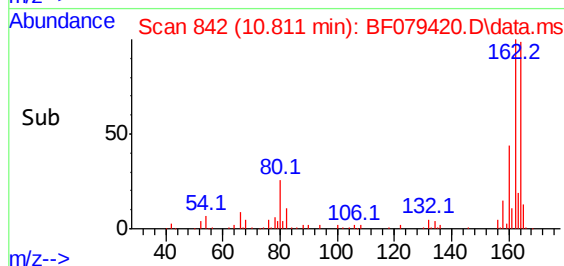
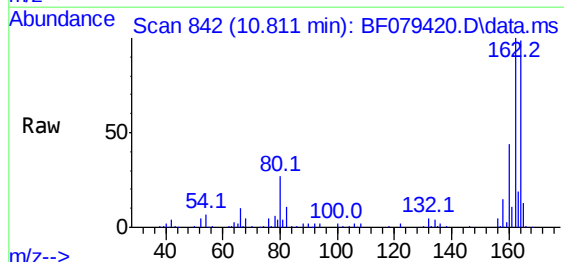
Instrument :
 BNA_F
 ClientSampleId :

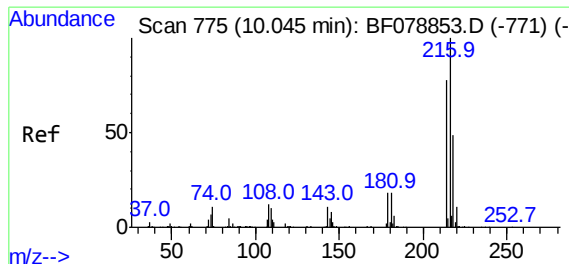
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 37.1
 54 57.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.811 min Scan# 842
 Delta R.T. -0.069 min
 Lab File: BF079420.D
 Acq: 21 May 2015 23:27

Tgt Ion: 164 Resp: 104820
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.4 122.0
 160 44.1 36.6 54.8

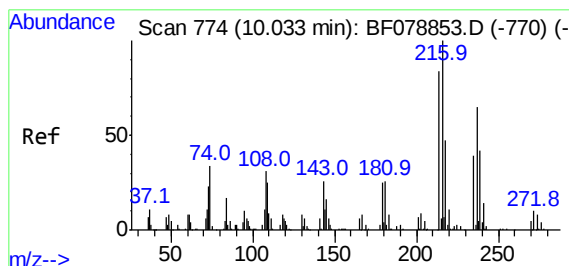
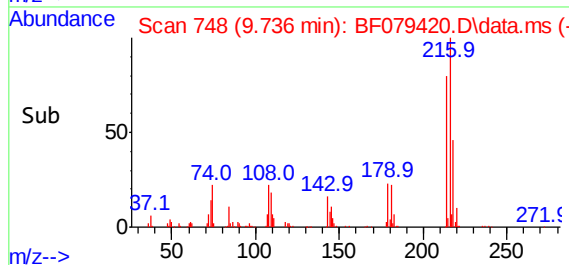
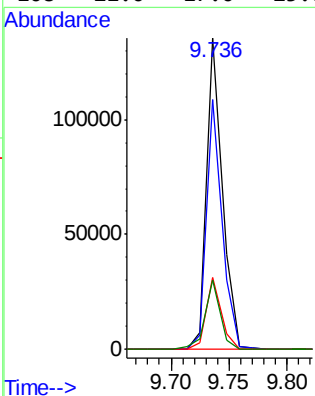
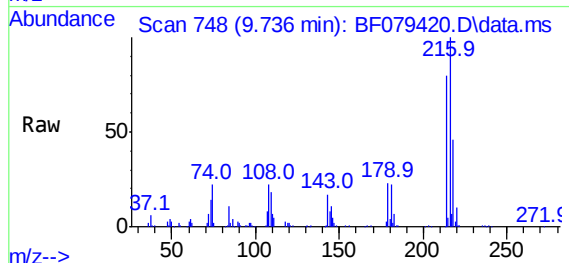




#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.09 ng
RT: 9.736 min Scan# 748
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

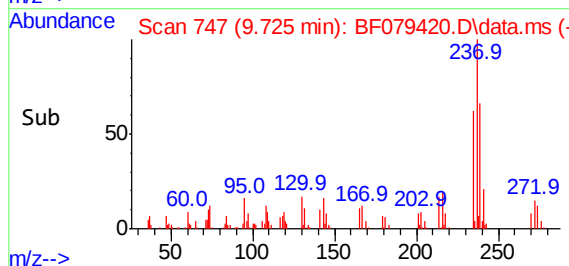
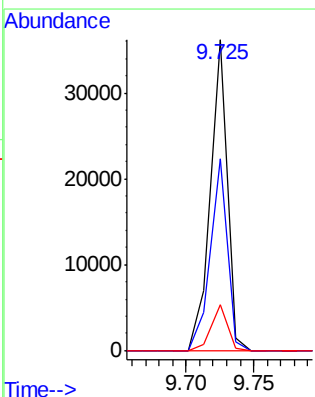
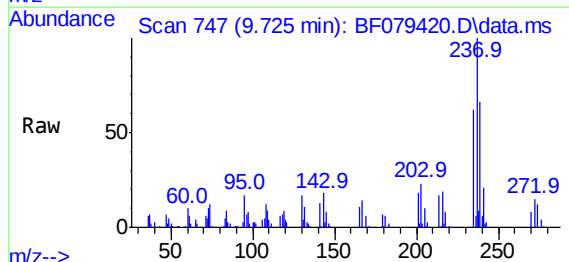
Instrument :
BNA_F
ClientSampleId :

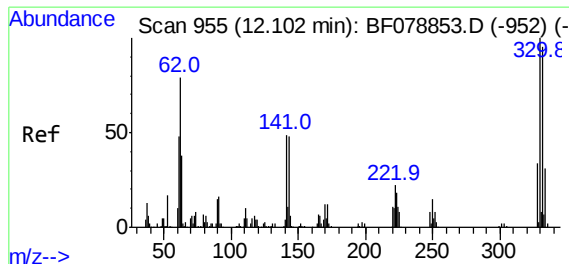
Tgt Ion:	216	Resp:	127215
Ion	Ratio	Lower	Upper
216	100		
214	79.0	64.0	96.0
179	21.8	17.0	25.4
108	21.0	17.0	25.6



#40
Hexachlorocyclopentadiene
Concen: 20.59 ng
RT: 9.725 min Scan# 747
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

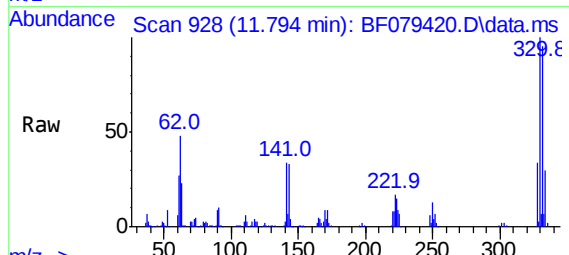
Tgt Ion:	237	Resp:	30566
Ion	Ratio	Lower	Upper
237	100		
235	61.6	40.0	80.0
272	14.8	0.0	36.0





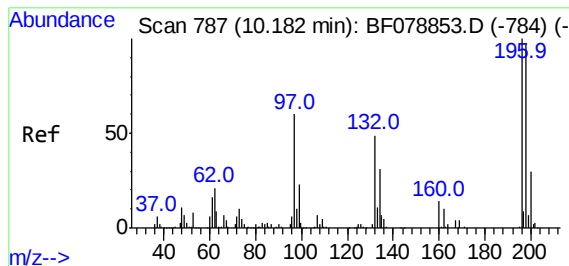
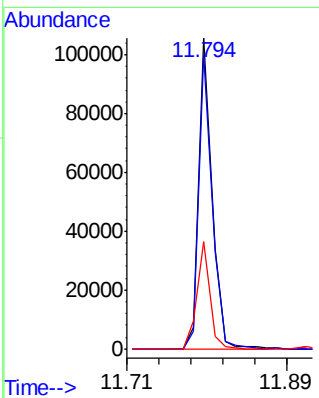
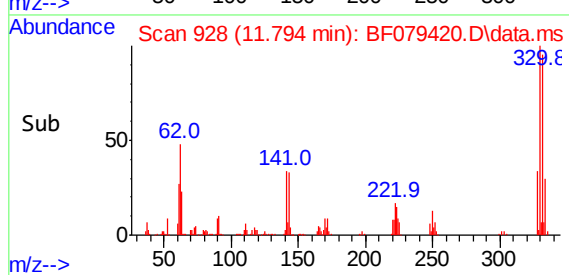
#41
2,4,6-Tribromophenol
Concen: 91.42 ng
RT: 11.794 min Scan# 928
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Instrument :
BNA_F
ClientSampled :

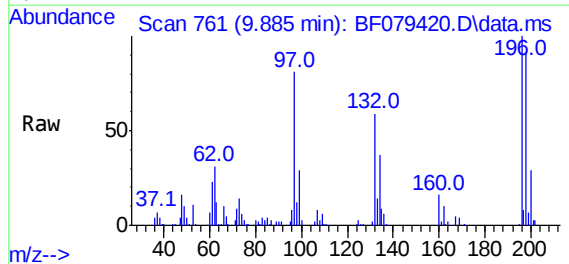


Tgt Ion: 330 Resp: 103661

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.9	115.3
141	34.0	27.8	41.8

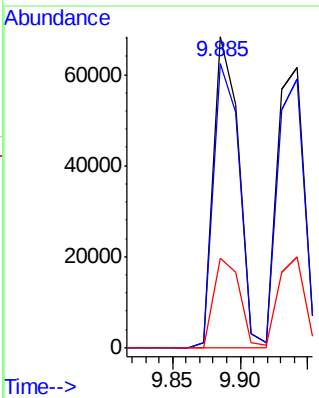
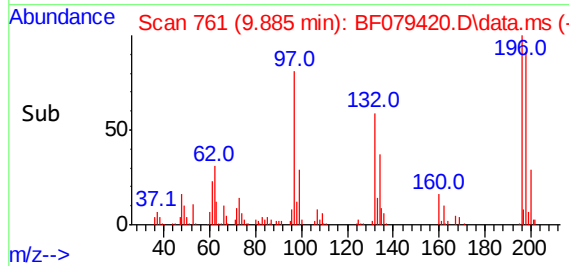


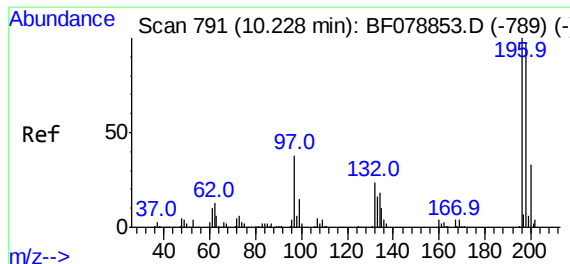
#42
2,4,6-Trichlorophenol
Concen: 42.93 ng
RT: 9.885 min Scan# 761
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27



Tgt Ion: 196 Resp: 87126

Ion	Ratio	Lower	Upper
196	100		
198	91.3	77.4	116.2
200	28.7	23.7	35.5

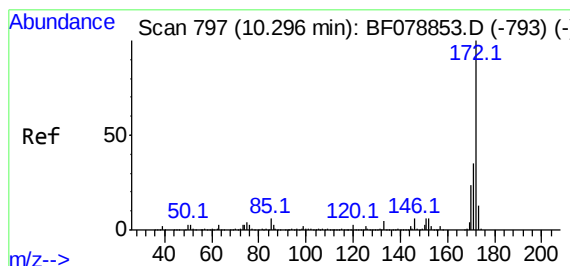
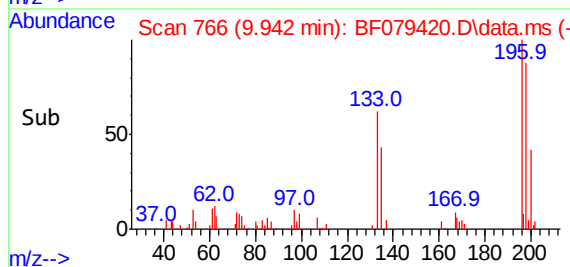
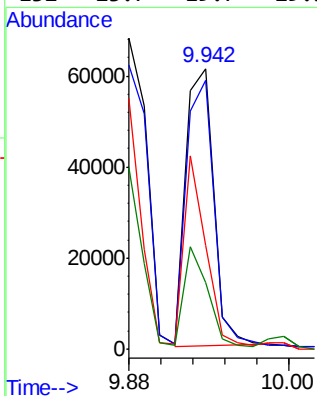
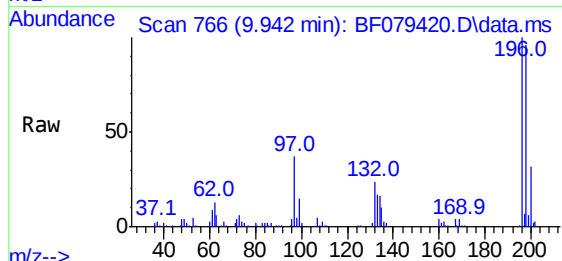




#43
2,4,5-Trichlorophenol
Concen: 42.18 ng
RT: 9.942 min Scan# 766
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

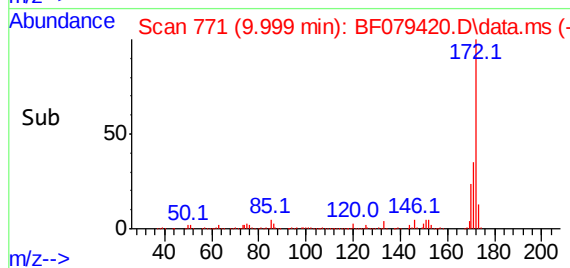
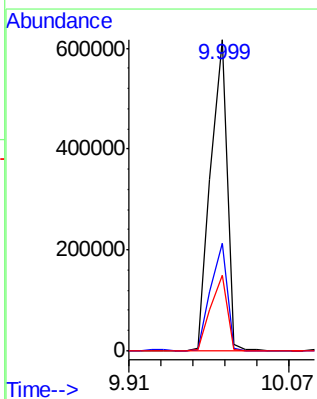
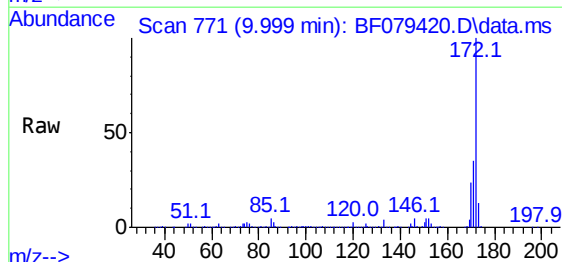
Instrument :
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ClientSampleId :

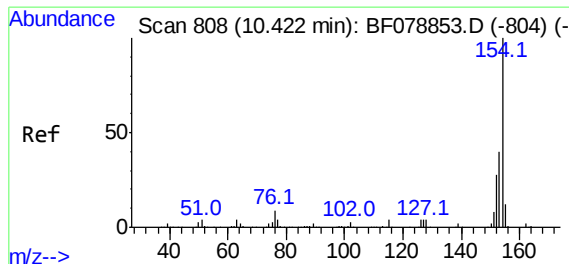
Tgt Ion:196 Resp: 86543
Ion Ratio Lower Upper
196 100
198 95.6 77.3 115.9
97 36.9 31.3 46.9
132 23.7 19.7 29.5



#44
2-Fluorobiphenyl
Concen: 88.72 ng
RT: 9.999 min Scan# 771
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:172 Resp: 667504
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 24.1 19.4 29.2

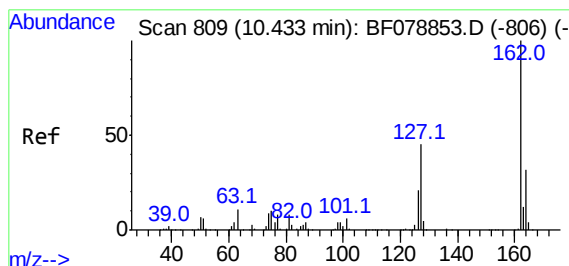
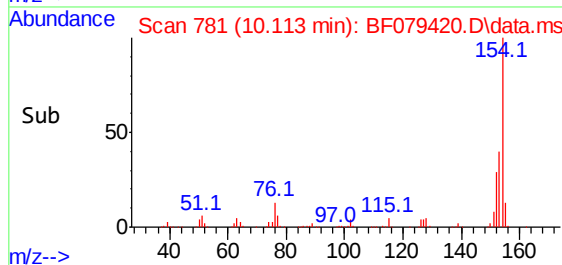
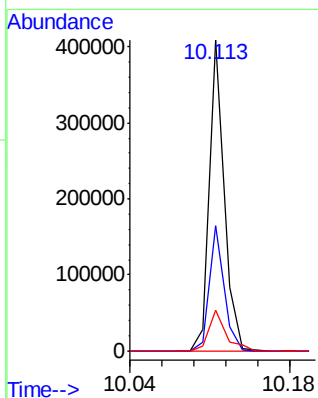
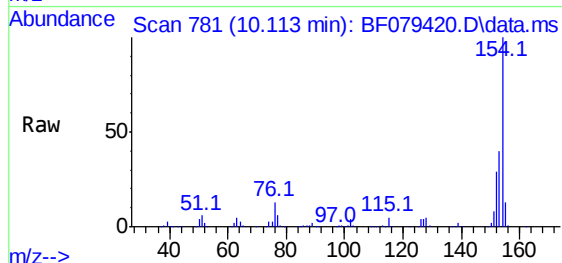




#45
1,1'-Biphenyl
Concen: 43.15 ng
RT: 10.113 min Scan# 781
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

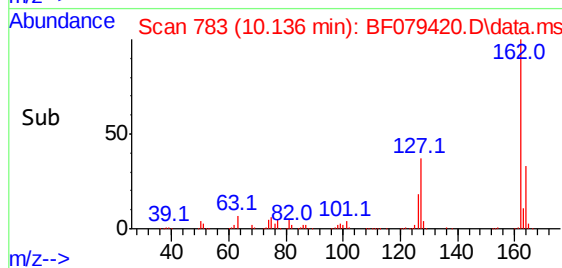
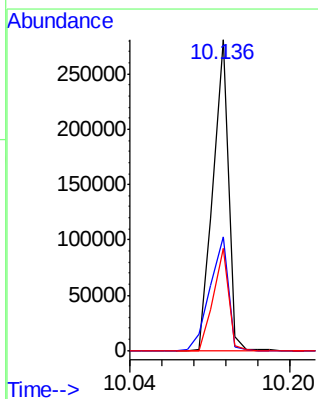
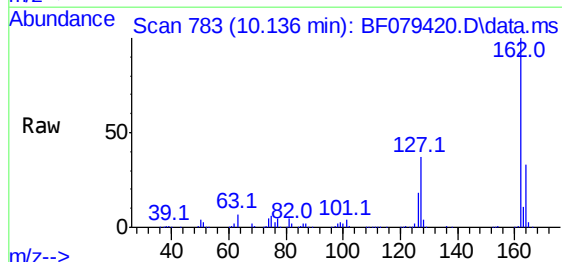
Instrument :
BNA_F
ClientSampled :

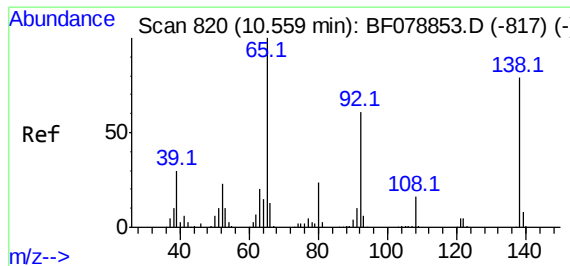
Tgt Ion:154 Resp: 359591
Ion Ratio Lower Upper
154 100
153 40.4 19.7 59.7
76 12.9 0.0 29.1



#46
2-Chloronaphthalene
Concen: 43.77 ng
RT: 10.136 min Scan# 783
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:162 Resp: 284517
Ion Ratio Lower Upper
162 100
127 36.5 36.3 54.5
164 33.0 25.9 38.9

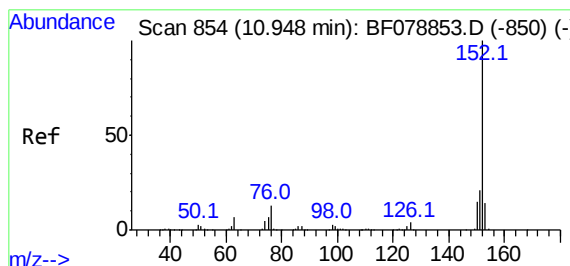
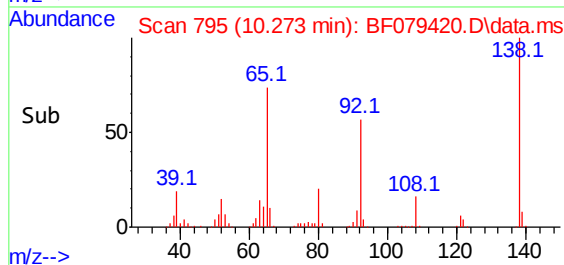
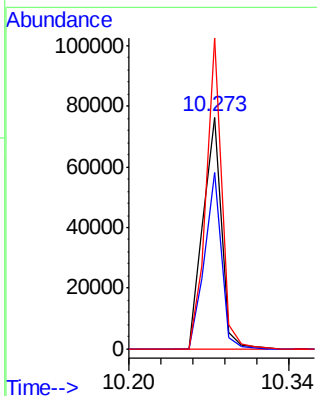
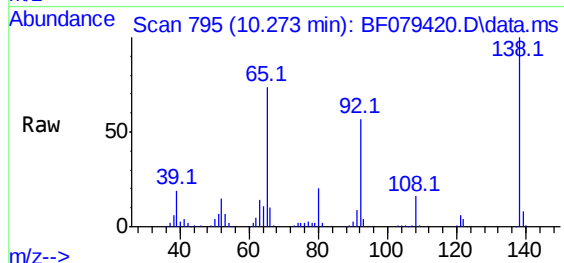




#47
2-Nitroaniline
Concen: 45.05 ng
RT: 10.273 min Scan# 795
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

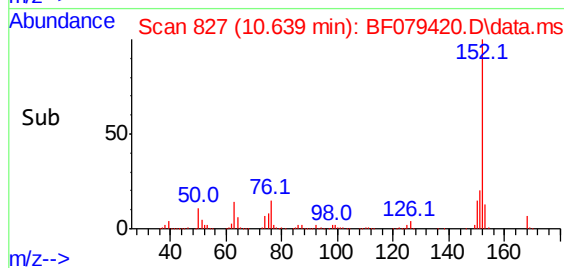
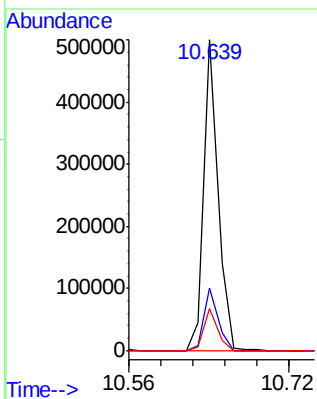
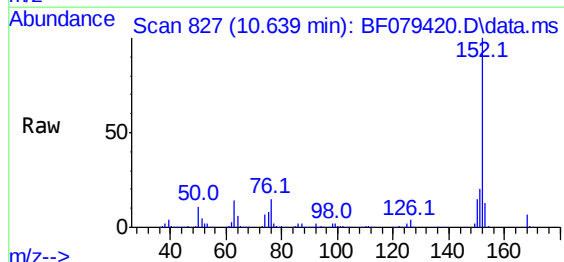
Instrument :
BNA_F
ClientSampleId :

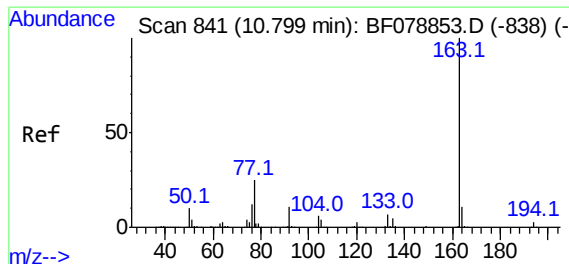
Tgt Ion: 65 Resp: 84843
Ion Ratio Lower Upper
65 100
92 76.2 49.1 73.7#
138 134.3 63.2 94.8#



#48
Acenaphthylene
Concen: 44.23 ng
RT: 10.639 min Scan# 827
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:152 Resp: 472035
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.3 11.0 16.6

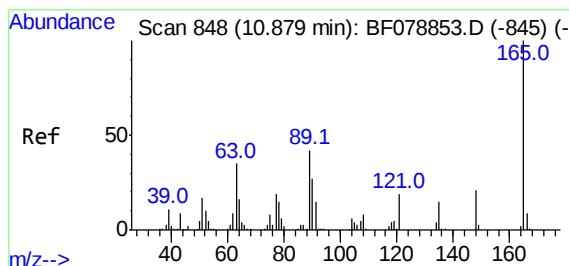
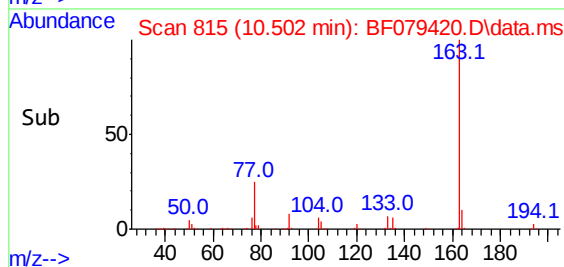
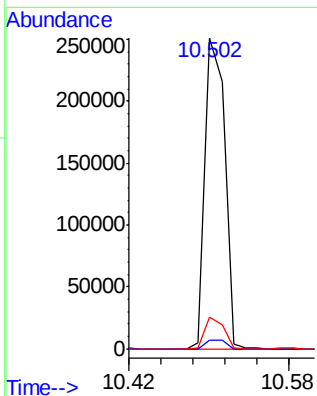
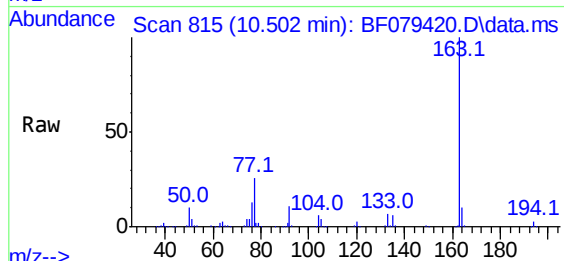




#49
Dimethylphthalate
Concen: 42.46 ng
RT: 10.502 min Scan# 815
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

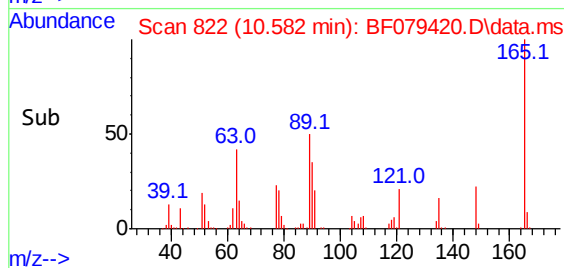
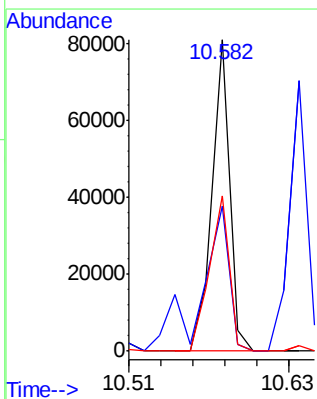
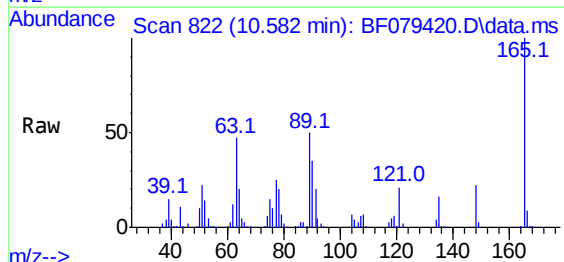
Instrument :
BNA_F
ClientSampleId :

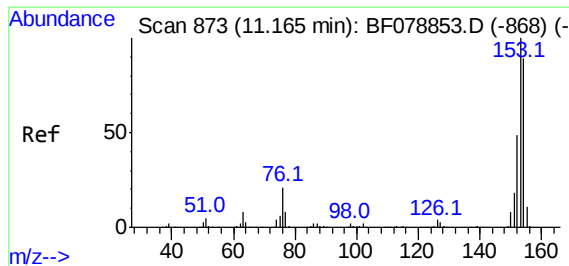
Tgt Ion:163 Resp: 326660
Ion Ratio Lower Upper
163 100
194 2.9 2.4 3.6
164 10.2 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 46.84 ng
RT: 10.582 min Scan# 822
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:165 Resp: 71109
Ion Ratio Lower Upper
165 100
63 46.6 29.2 43.8#
89 49.7 33.3 49.9

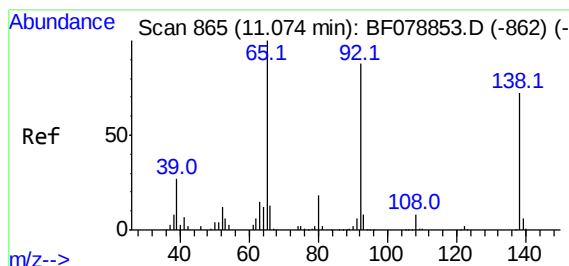
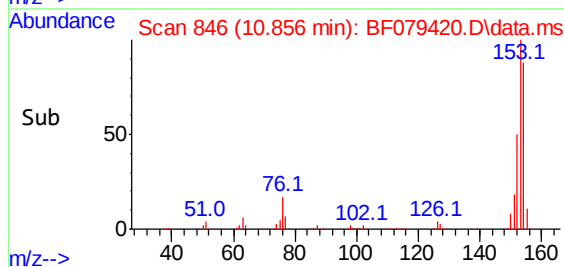
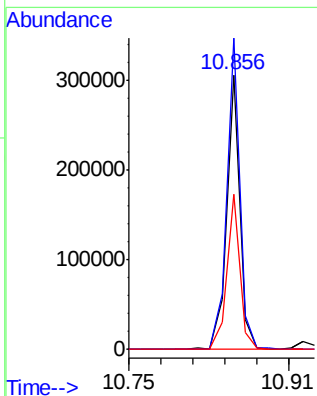
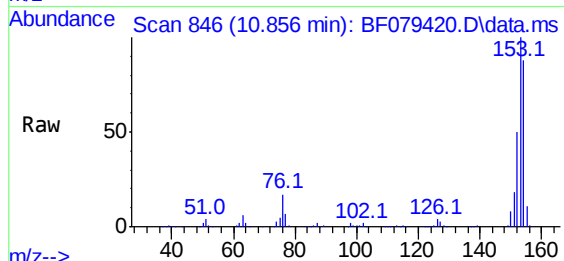




#51
Acenaphthene
Concen: 42.44 ng
RT: 10.856 min Scan# 846
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

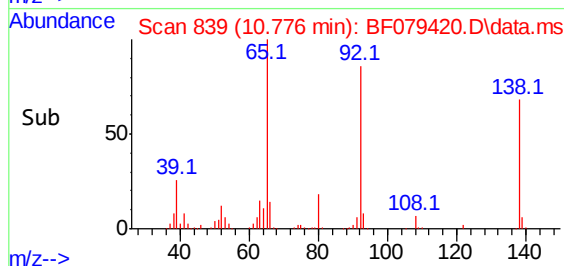
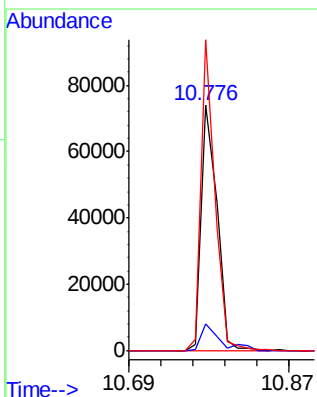
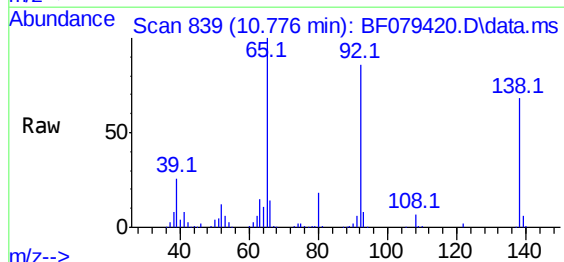
Instrument :
BNA_F
ClientSampleId :

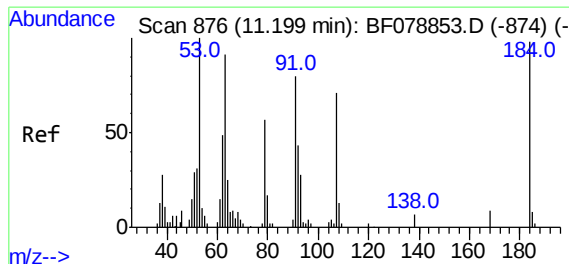
Tgt Ion:154 Resp: 270105
Ion Ratio Lower Upper
154 100
153 113.5 90.2 135.2
152 56.5 43.8 65.8



#52
3-Nitroaniline
Concen: 45.15 ng
RT: 10.776 min Scan# 839
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

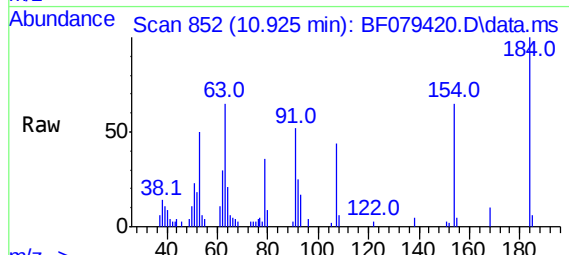
Tgt Ion:138 Resp: 85621
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 126.7 97.4 146.0



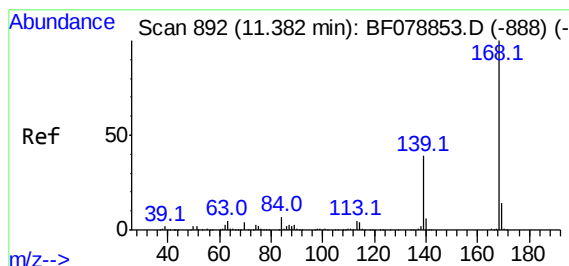
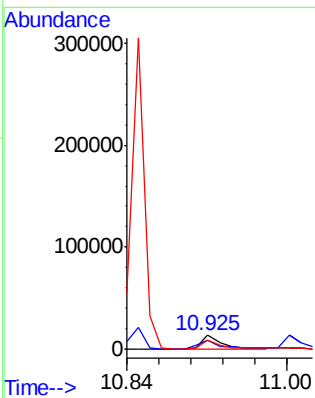
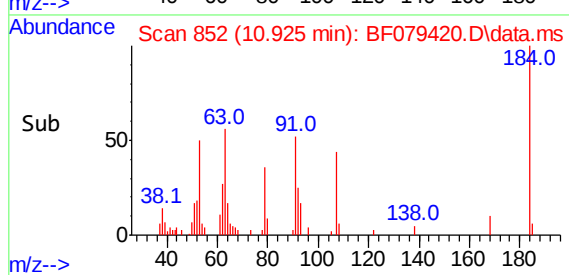


#53
2,4-Dinitrophenol
Concen: 40.47 ng
RT: 10.925 min Scan# 852
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

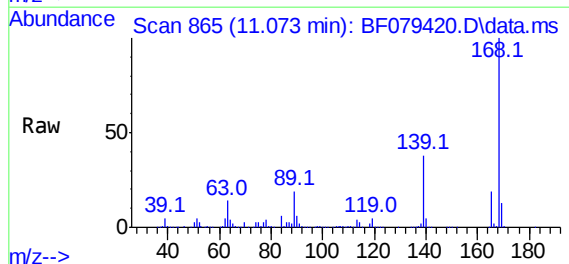
Instrument :
BNA_F
ClientSampleId :



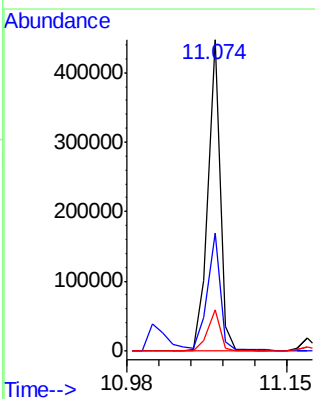
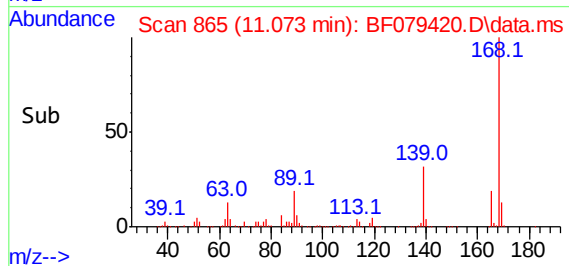
Tgt Ion:184 Resp: 17103
Ion Ratio Lower Upper
184 100
63 64.9 98.8 148.2#
154 65.3 63.4 95.0

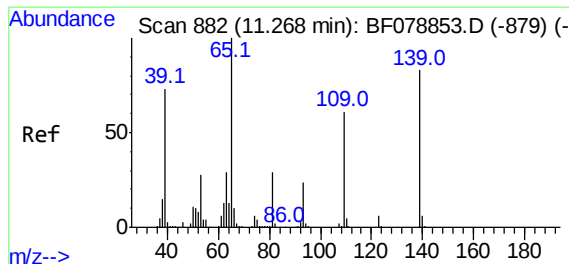


#54
Dibenzofuran
Concen: 43.72 ng
RT: 11.073 min Scan# 865
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27



Tgt Ion:168 Resp: 401909
Ion Ratio Lower Upper
168 100
139 37.6 31.5 47.3
169 13.2 11.0 16.4

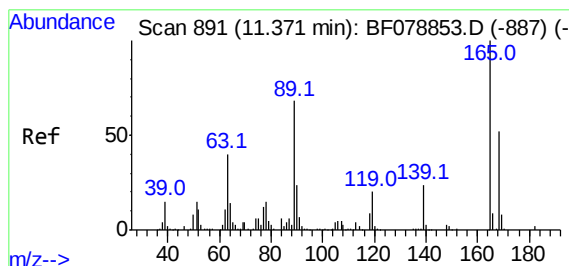
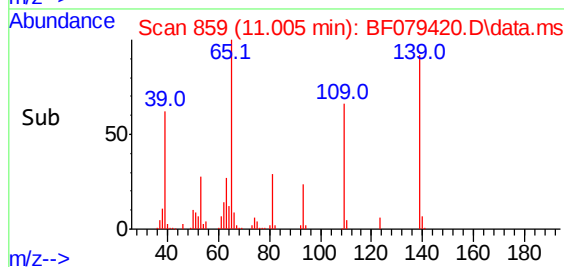
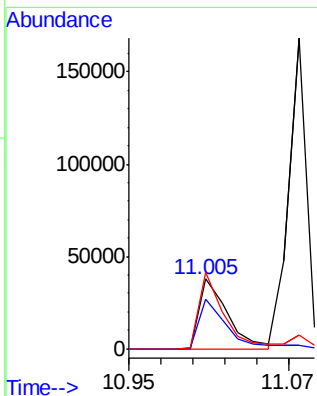
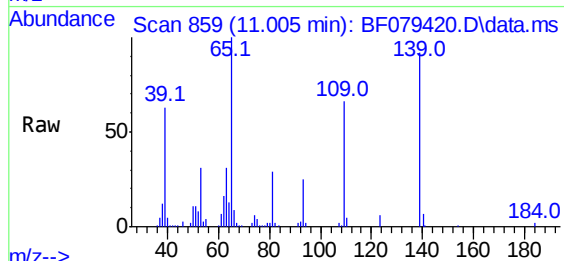




#55
4-Nitrophenol
Concen: 35.69 ng
RT: 11.005 min Scan# 859
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

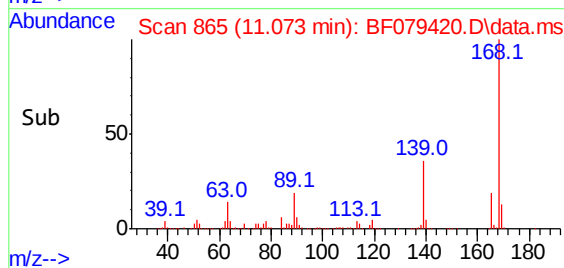
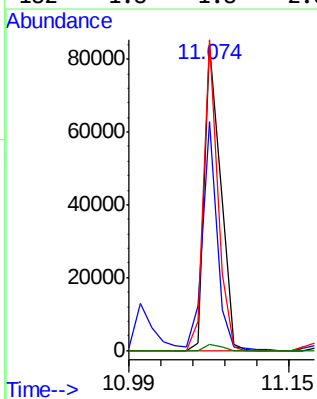
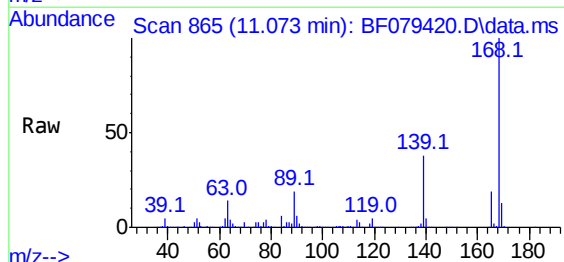
Instrument :
BNA_F
ClientSampleId :

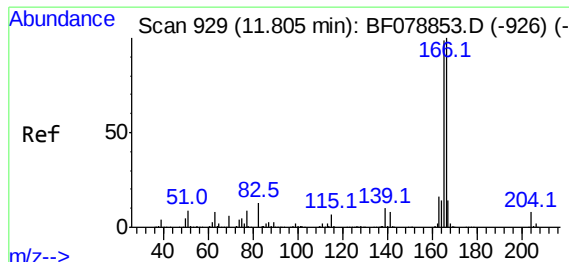
Tgt Ion:139 Resp: 53571
Ion Ratio Lower Upper
139 100
109 72.0 54.4 94.4
65 109.3 101.0 141.0



#56
2,4-Dinitrotoluene
Concen: 44.05 ng
RT: 11.073 min Scan# 865
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:165 Resp: 88414
Ion Ratio Lower Upper
165 100
63 74.8 32.3 48.5#
89 101.6 54.6 81.8#
182 1.8 1.8 2.6

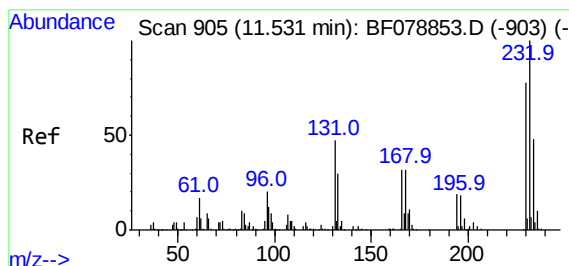
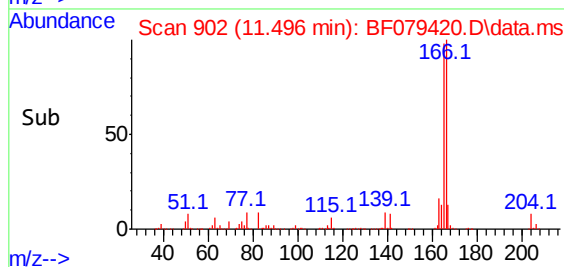
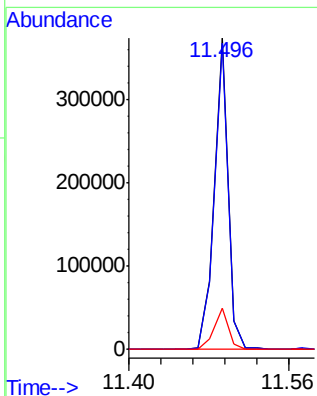
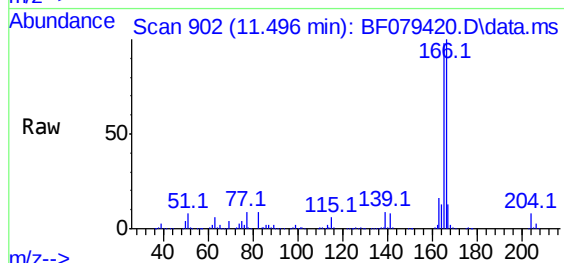




#57
Fluorene
Concen: 44.47 ng
RT: 11.496 min Scan# 902
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

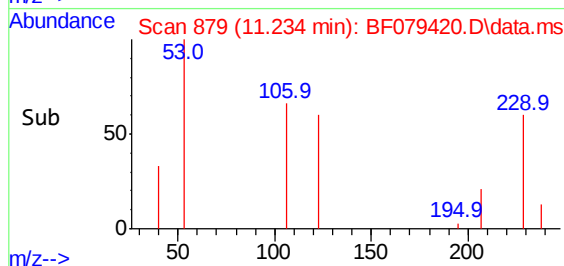
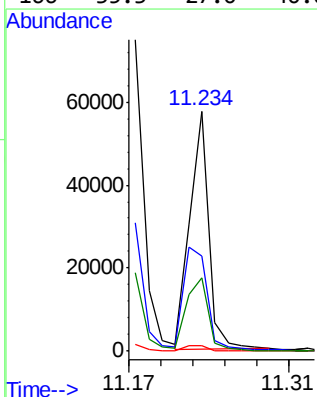
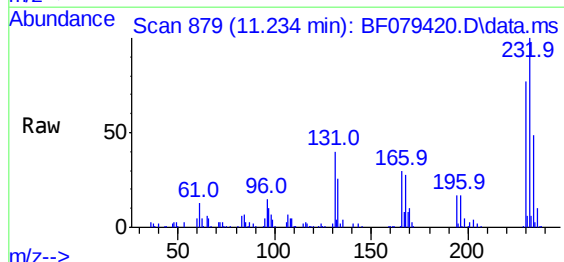
Instrument :
BNA_F
ClientSampleId :

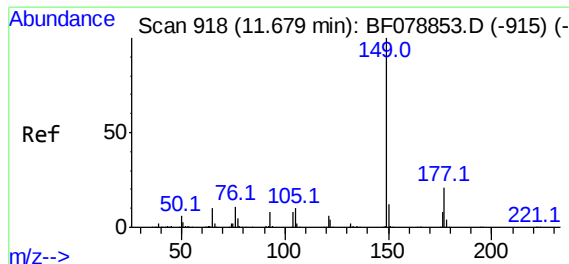
Tgt Ion:166 Resp: 335563
Ion Ratio Lower Upper
166 100
165 98.3 79.5 119.3
167 12.9 11.0 16.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.54 ng
RT: 11.234 min Scan# 879
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:232 Resp: 66299
Ion Ratio Lower Upper
232 100
131 52.3 41.9 62.9
130 2.5 1.9 2.9
166 35.3 27.0 40.6

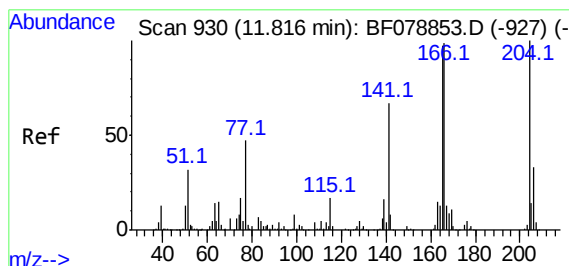
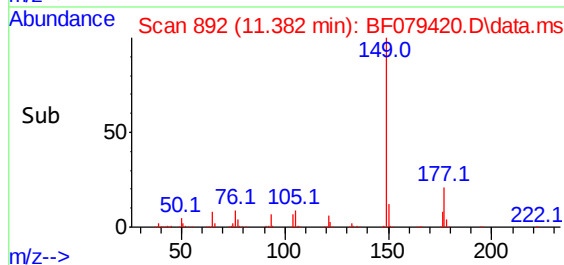
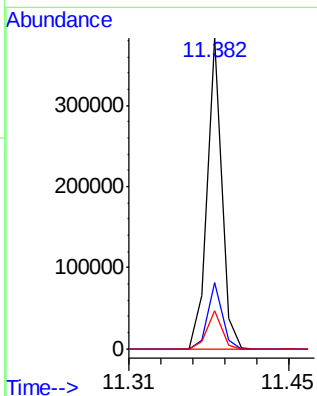
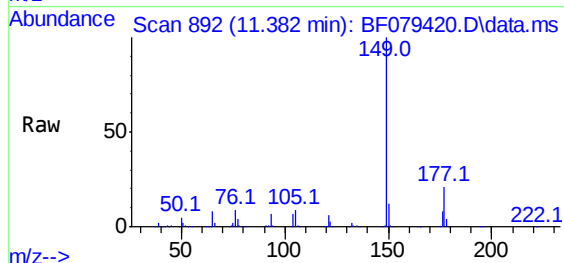




#59
Diethylphthalate
Concen: 43.79 ng
RT: 11.382 min Scan# 892
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

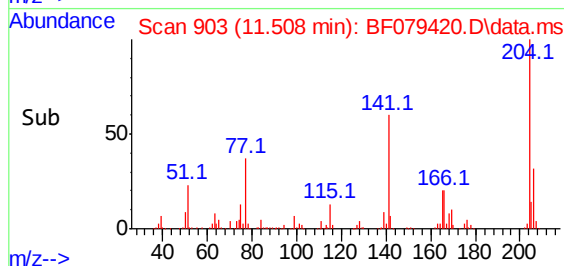
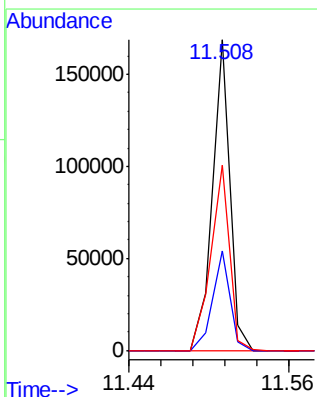
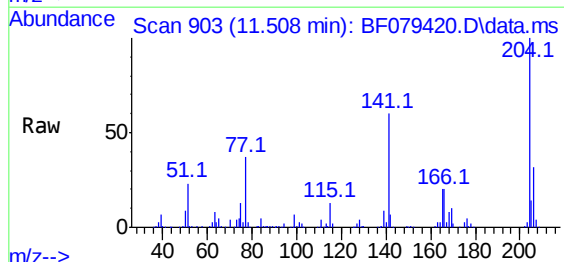
Instrument :
BNA_F
ClientSampleId :

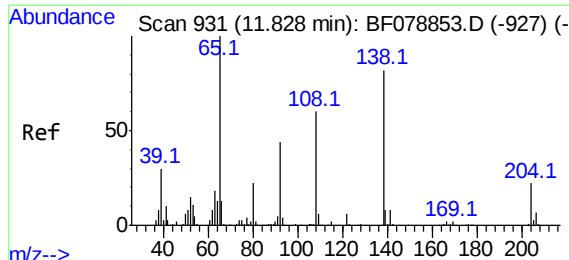
Tgt Ion:149 Resp: 333773
Ion Ratio Lower Upper
149 100
177 21.4 16.4 24.6
150 12.4 9.8 14.6



#60
4-Chlorophenyl-phenylether
Concen: 43.79 ng
RT: 11.508 min Scan# 903
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:204 Resp: 146564
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.4
141 59.6 53.6 80.4

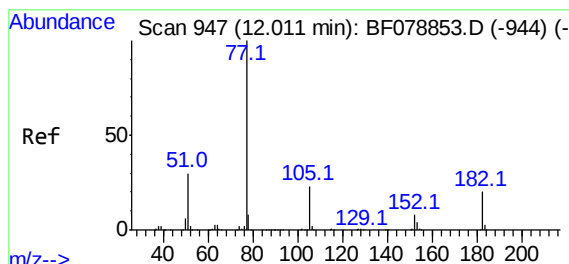
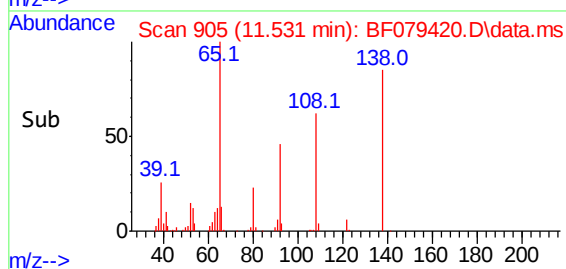
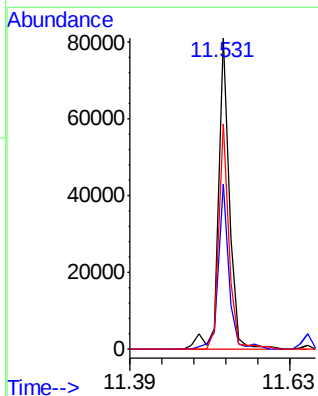
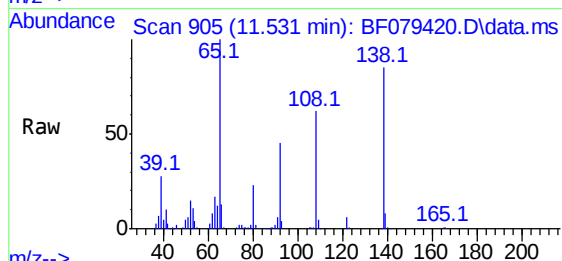




#61
4-Nitroaniline
Concen: 45.75 ng
RT: 11.531 min Scan# 905
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

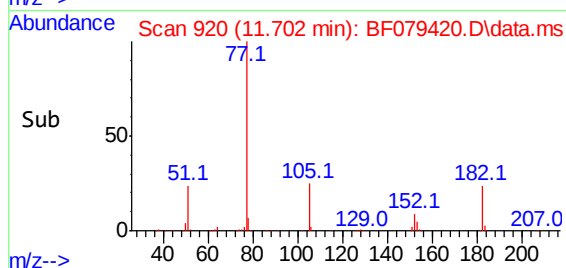
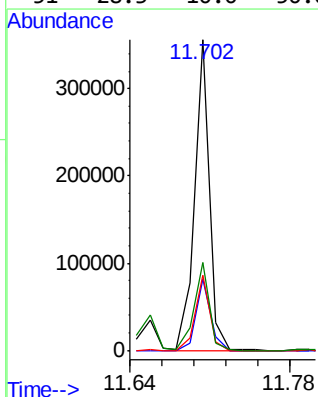
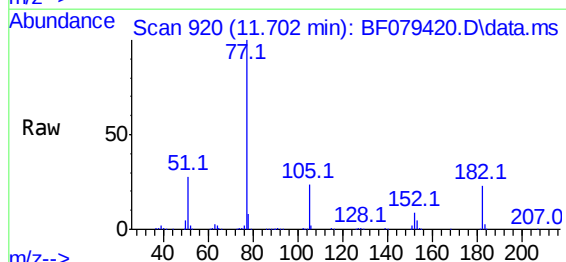
Instrument :
BNA_F
ClientSampleId :

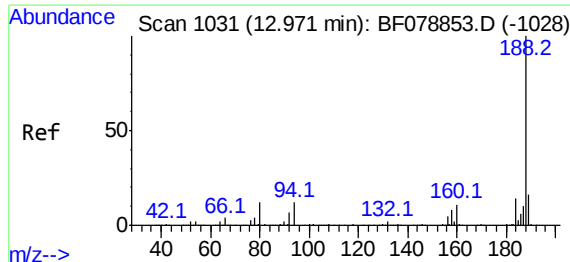
Tgt Ion:138 Resp: 86797
Ion Ratio Lower Upper
138 100
92 52.9 33.7 73.7
108 72.3 53.4 93.4



#62
Azobenzene
Concen: 42.40 ng
RT: 11.702 min Scan# 920
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

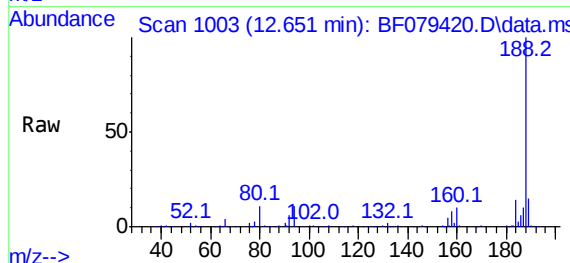
Tgt Ion: 77 Resp: 318435
Ion Ratio Lower Upper
77 100
182 23.0 0.0 40.0
105 24.2 2.9 42.9
51 28.3 10.0 50.0



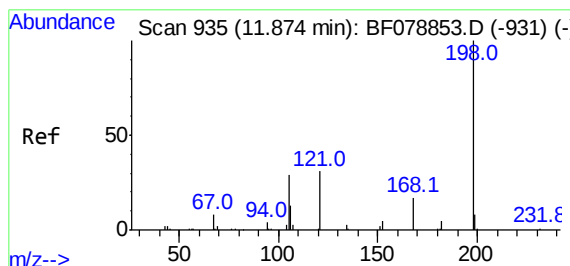
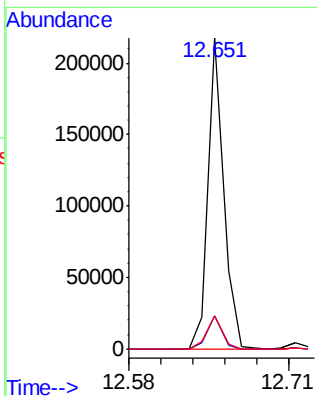
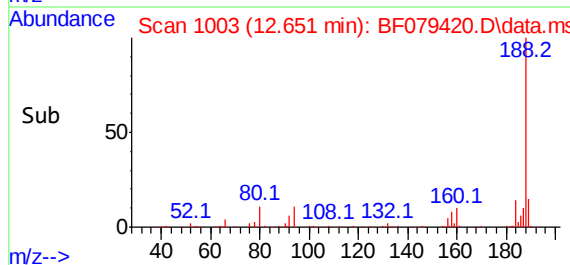


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.651 min Scan# 1003
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

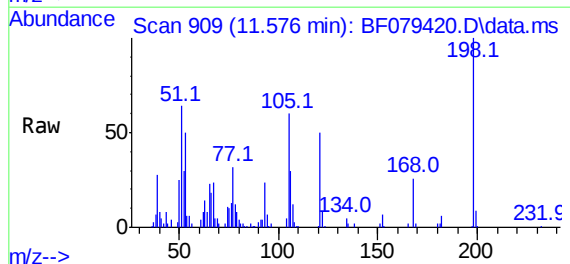
Instrument :
BNA_F
ClientSampleId :



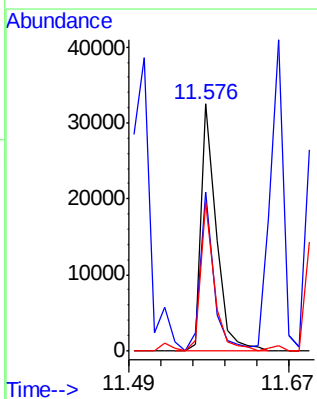
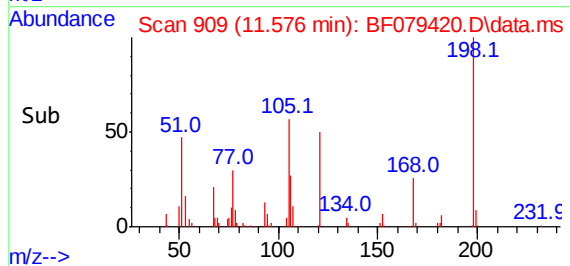
Tgt Ion:188 Resp: 202642
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.0
80 10.8 9.8 14.6

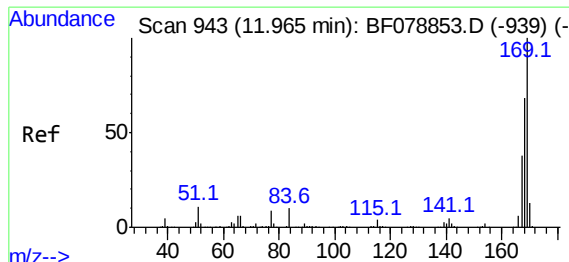


#64
4,6-Dinitro-2-methylphenol
Concen: 44.25 ng
RT: 11.576 min Scan# 909
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27



Tgt Ion:198 Resp: 36191
Ion Ratio Lower Upper
198 100
51 64.1 7.0 47.0#
105 60.0 13.7 53.7#

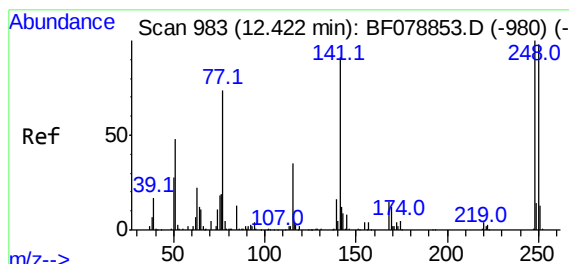
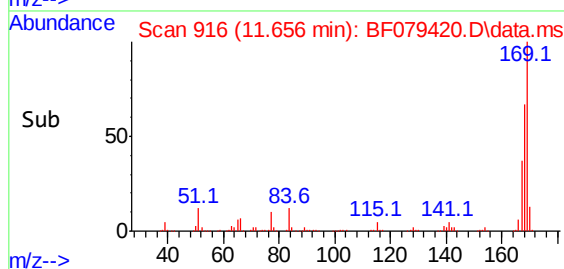
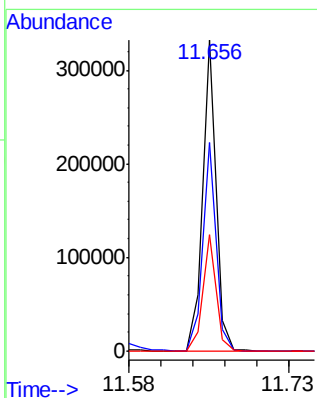
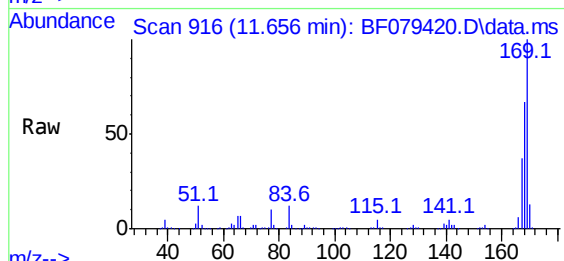




#65
n-Nitrosodiphenylamine
Concen: 43.20 ng
RT: 11.656 min Scan# 916
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

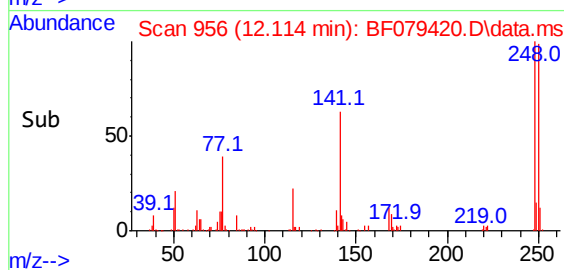
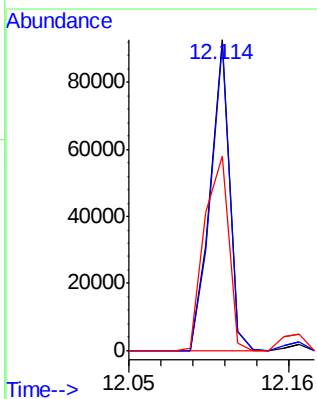
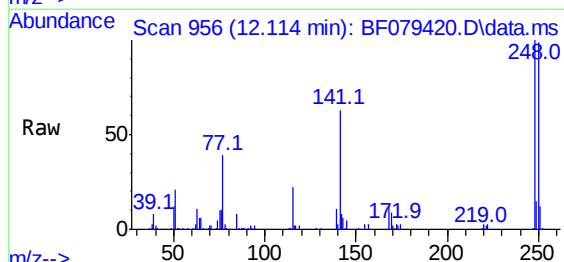
Instrument :
BNA_F
ClientSampleId :

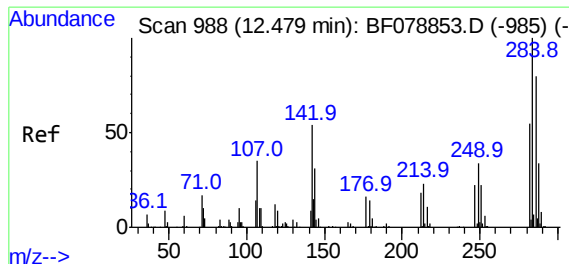
Tgt Ion:169 Resp: 291523
Ion Ratio Lower Upper
169 100
168 67.1 54.1 81.1
167 37.4 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 42.14 ng
RT: 12.114 min Scan# 956
Delta R.T. -0.057 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:248 Resp: 89004
Ion Ratio Lower Upper
248 100
250 98.8 78.0 117.0
141 62.6 72.6 109.0#

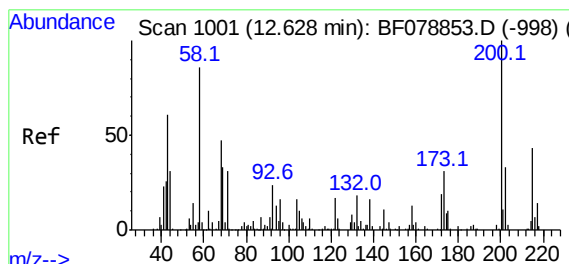
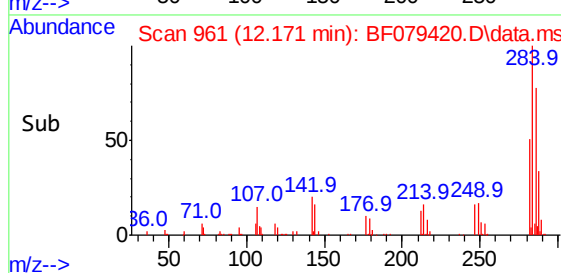
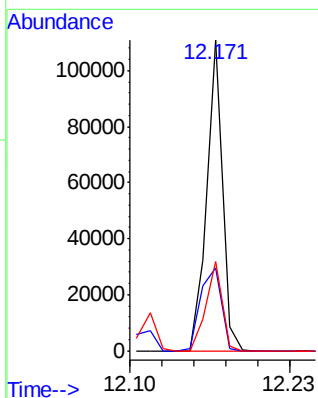
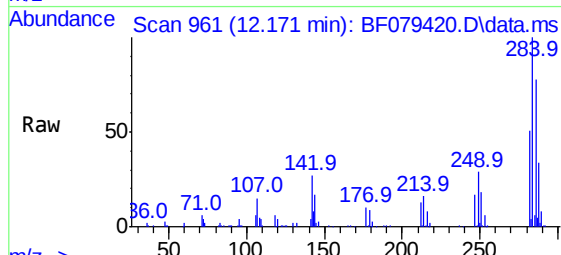




#67
Hexachlorobenzene
Concen: 43.19 ng
RT: 12.171 min Scan# 961
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

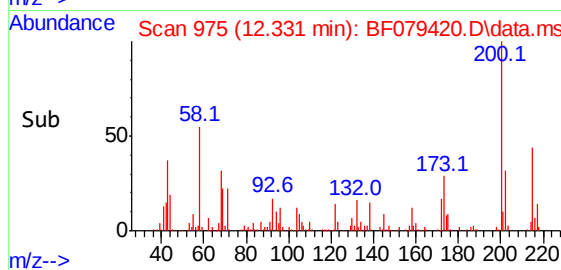
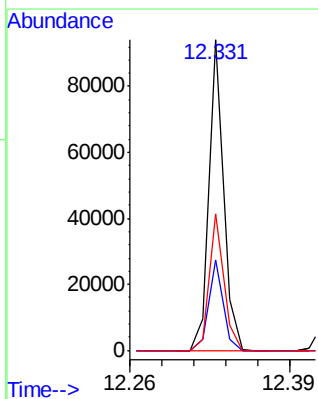
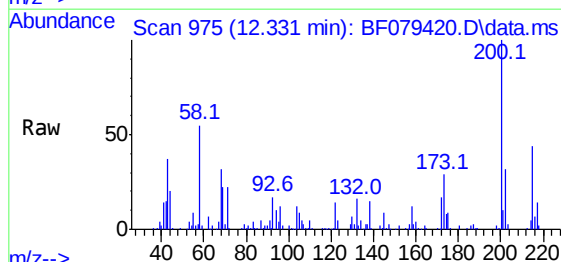
Instrument :
BNA_F
ClientSampled :

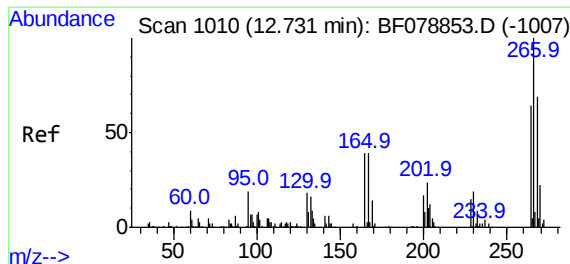
Tgt Ion:	284	Resp:	104280
Ion	Ratio	Lower	Upper
284	100		
142	26.8	43.2	64.8#
249	28.8	27.5	41.3



#68
Atrazine
Concen: 41.82 ng
RT: 12.331 min Scan# 975
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:	200	Resp:	82077
Ion	Ratio	Lower	Upper
200	100		
173	29.3	10.9	50.9
215	44.0	23.2	63.2

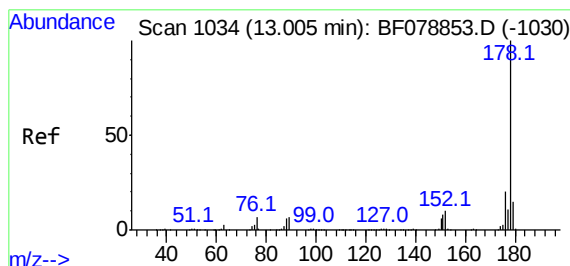
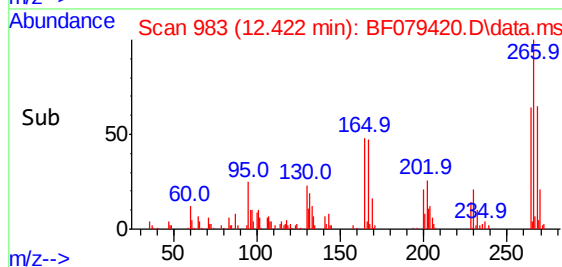
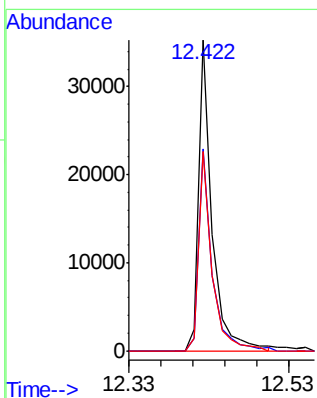
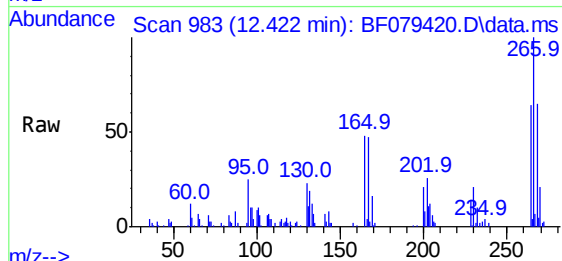




#69
 Pentachlorophenol
 Concen: 33.17 ng
 RT: 12.422 min Scan# 983
 Delta R.T. -0.069 min
 Lab File: BF079420.D
 Acq: 21 May 2015 23:27

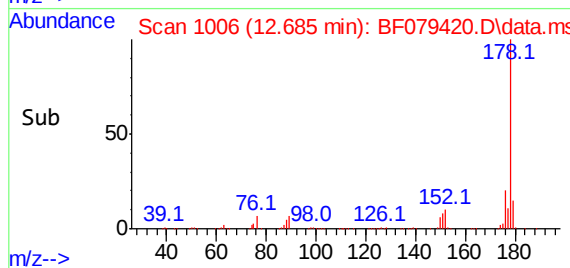
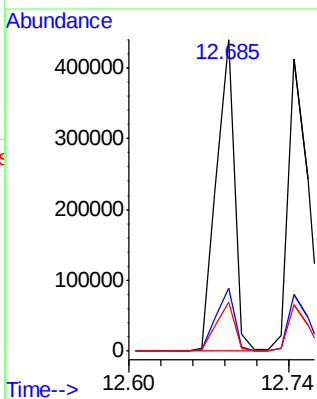
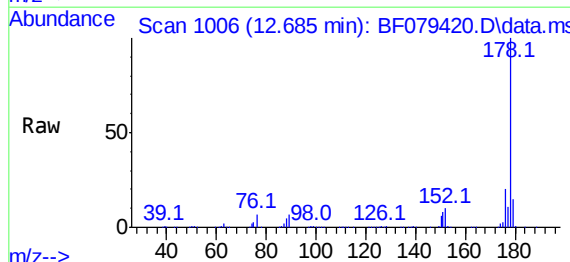
Instrument :
 BNA_F
 ClientSampleId :

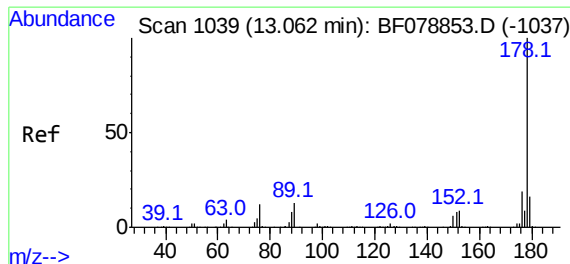
Tgt Ion:266 Resp: 40670
 Ion Ratio Lower Upper
 266 100
 268 65.1 55.0 82.6
 264 64.1 50.9 76.3



#70
 Phenanthrene
 Concen: 41.89 ng
 RT: 12.685 min Scan# 1006
 Delta R.T. -0.057 min
 Lab File: BF079420.D
 Acq: 21 May 2015 23:27

Tgt Ion:178 Resp: 474893
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 15.4 12.2 18.4



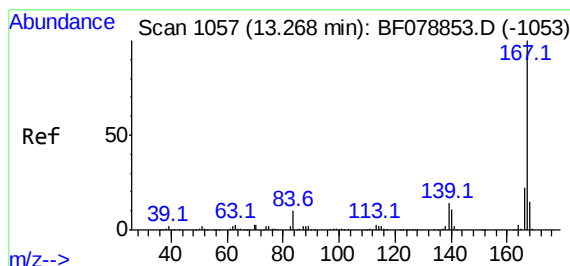
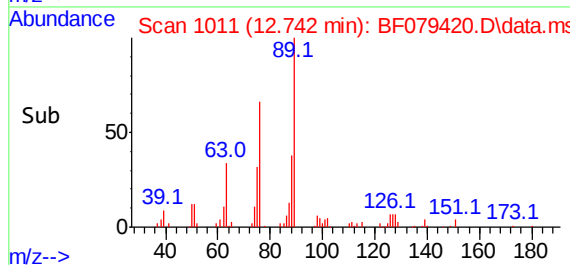
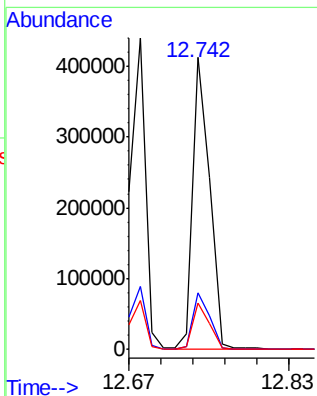
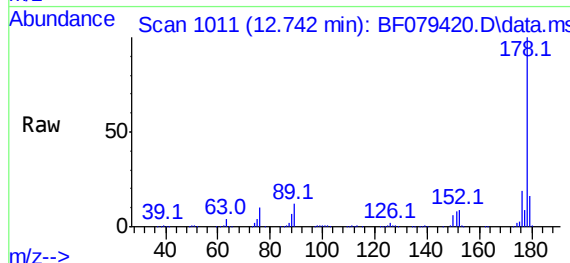


#71
 Anthracene
 Concen: 42.20 ng
 RT: 12.742 min Scan# 1011
 Delta R.T. -0.069 min
 Lab File: BF079420.D
 Acq: 21 May 2015 23:27

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:178 Resp: 469288

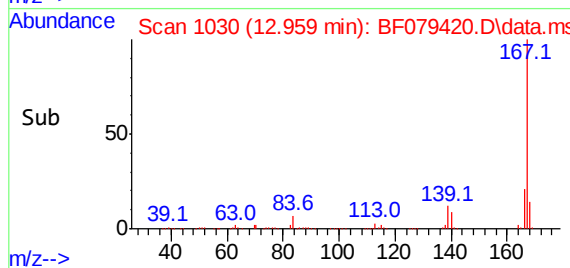
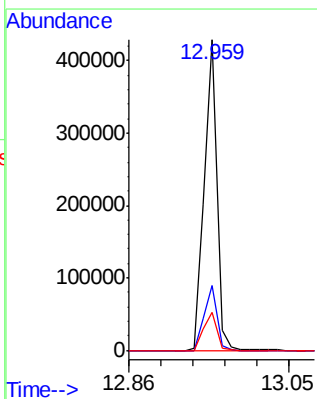
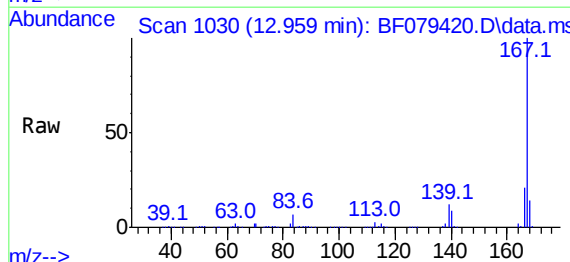
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.7	12.6	19.0

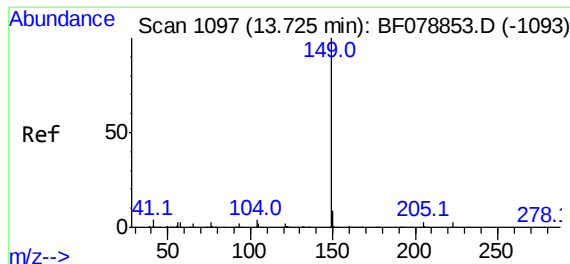


#72
 Carbazole
 Concen: 43.23 ng
 RT: 12.959 min Scan# 1030
 Delta R.T. -0.057 min
 Lab File: BF079420.D
 Acq: 21 May 2015 23:27

Tgt Ion:167 Resp: 458245

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.5	26.3
139	12.3	11.0	16.4

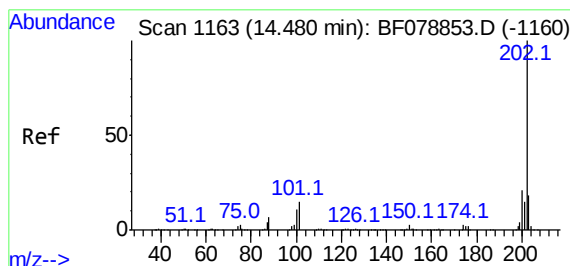
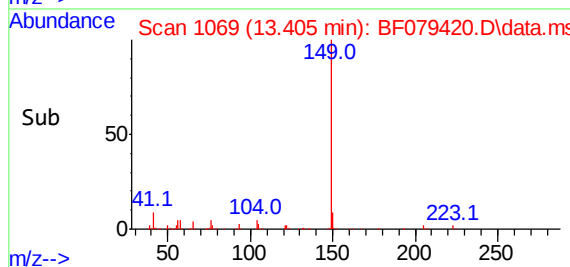
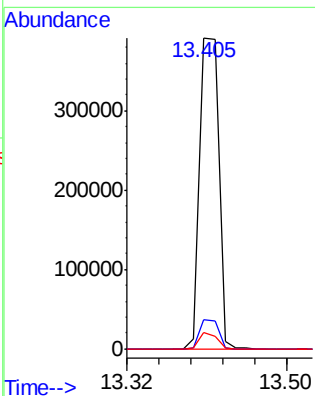
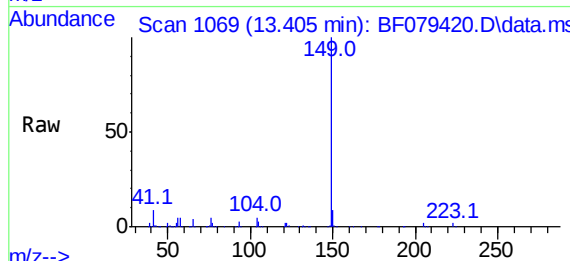




#73
Di-n-butylphthalate
Concen: 43.39 ng
RT: 13.405 min Scan# 1069
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

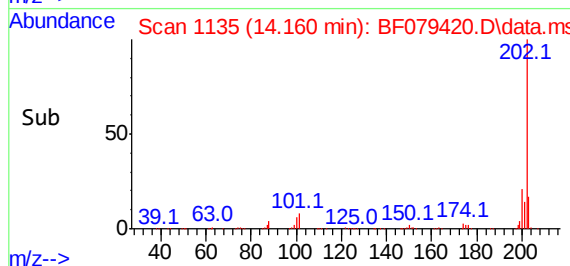
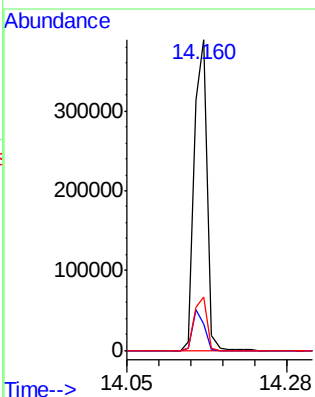
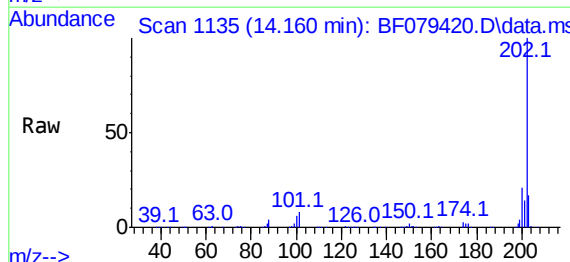
Instrument :
BNA_F
ClientSampleId :

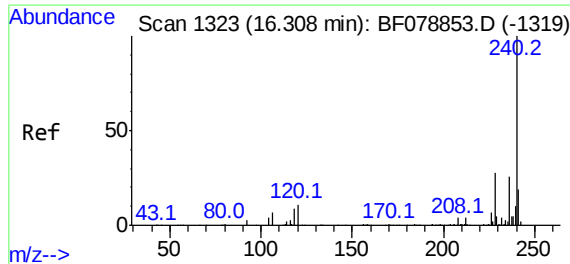
Tgt Ion:149 Resp: 551584
Ion Ratio Lower Upper
149 100
150 9.3 7.0 10.4
104 5.4 3.3 4.9#



#74
Fluoranthene
Concen: 42.91 ng
RT: 14.160 min Scan# 1135
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:202 Resp: 506928
Ion Ratio Lower Upper
202 100
101 8.5 0.0 34.7
203 17.0 0.0 37.9

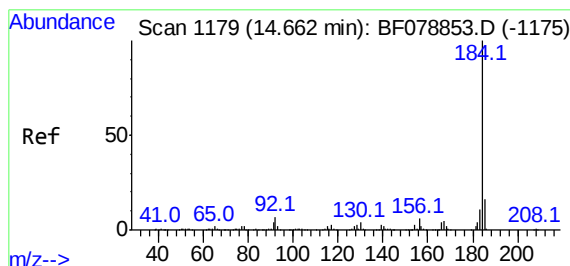
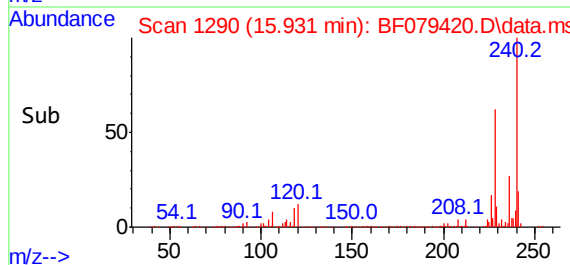
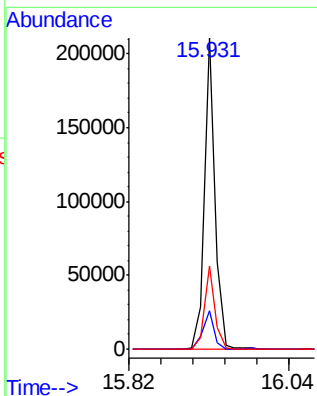
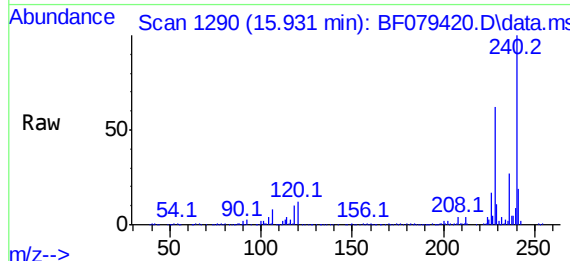




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.931 min Scan# 1290
Delta R.T. -0.091 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

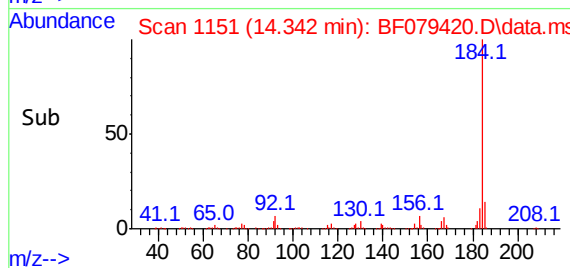
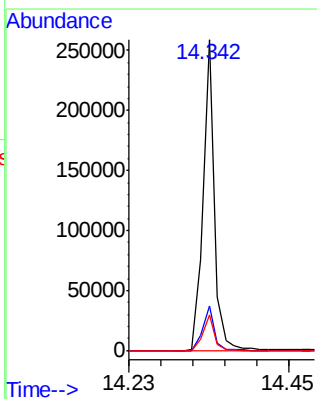
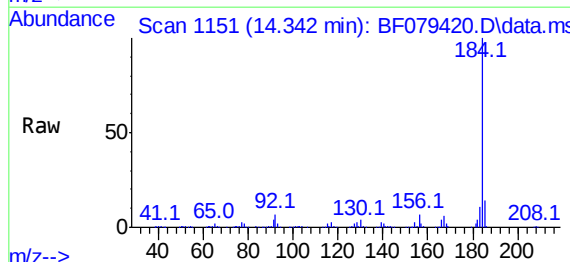
Instrument :
BNA_F
ClientSampleId :

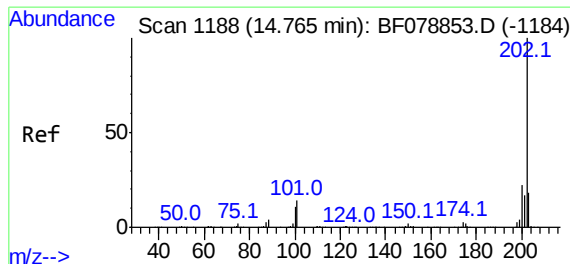
Tgt Ion:240 Resp: 207864
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 26.8 21.0 31.6



#76
Benzidine
Concen: 48.53 ng
RT: 14.342 min Scan# 1151
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:184 Resp: 271896
Ion Ratio Lower Upper
184 100
185 14.4 12.8 19.2
183 11.2 9.0 13.4

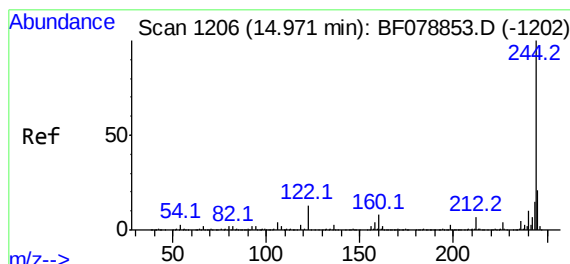
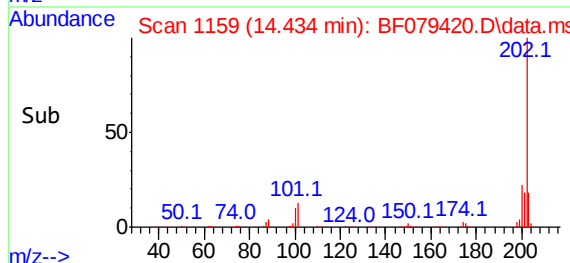
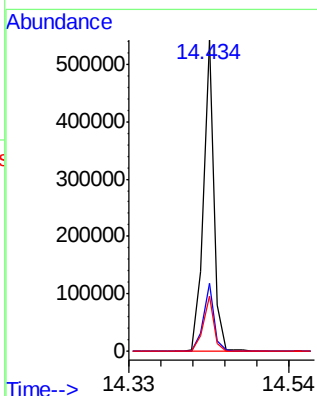
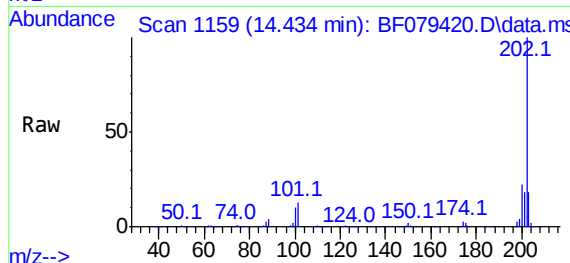




#77
Pyrene
Concen: 44.02 ng
RT: 14.434 min Scan# 1159
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

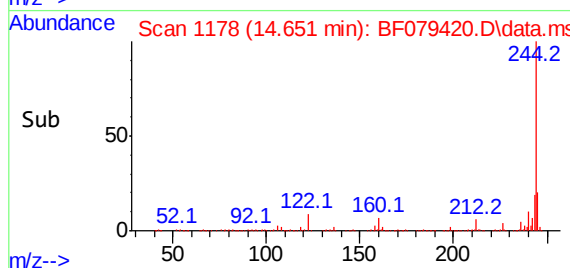
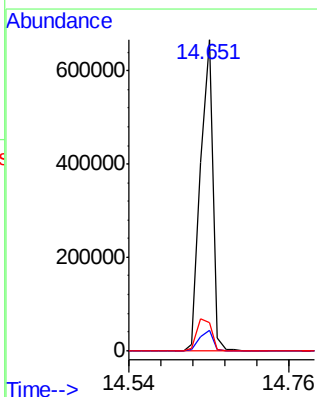
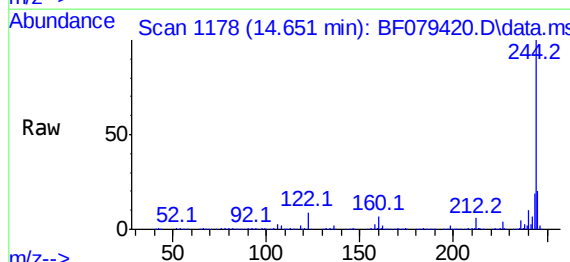
Instrument :
BNA_F
ClientSampleId :

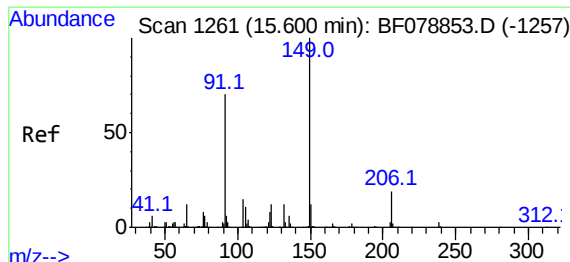
Tgt Ion:202 Resp: 527316
Ion Ratio Lower Upper
202 100
200 21.9 17.5 26.3
203 17.6 14.7 22.1



#78
Terphenyl-d14
Concen: 87.90 ng
RT: 14.651 min Scan# 1178
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:244 Resp: 763143
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 9.1 10.5 15.7#

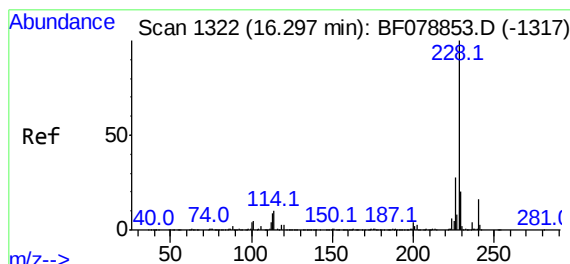
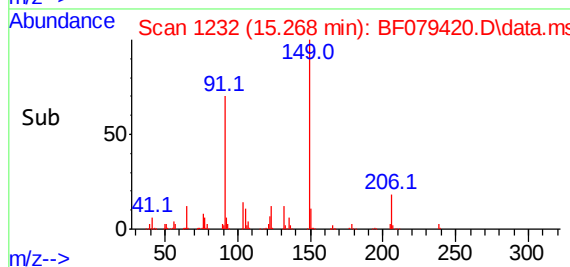
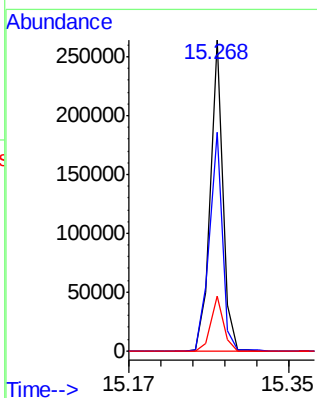
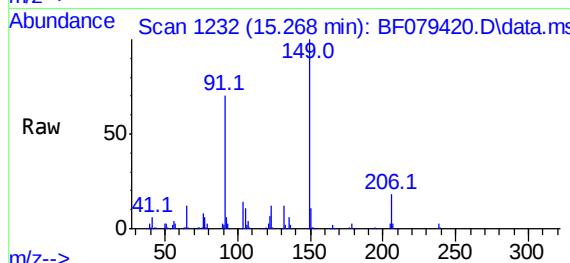




#79
Butylbenzylphthalate
Concen: 46.40 ng
RT: 15.268 min Scan# 1232
Delta R.T. -0.069 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

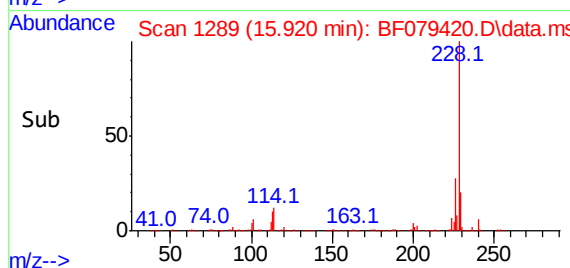
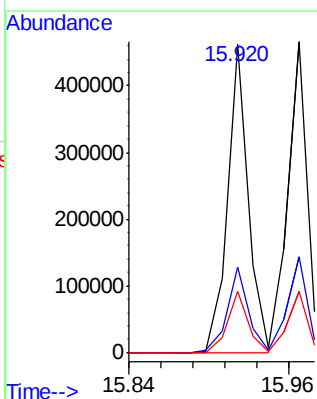
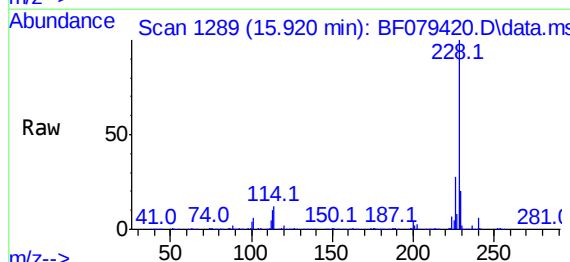
Instrument :
BNA_F
ClientSampleId :

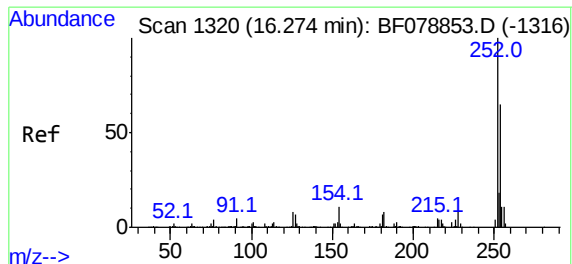
Tgt Ion:149 Resp: 242924
Ion Ratio Lower Upper
149 100
91 70.4 56.2 84.2
206 17.6 15.2 22.8



#80
Benzo(a)anthracene
Concen: 42.93 ng
RT: 15.920 min Scan# 1289
Delta R.T. -0.091 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:228 Resp: 488636
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 19.8 16.1 24.1

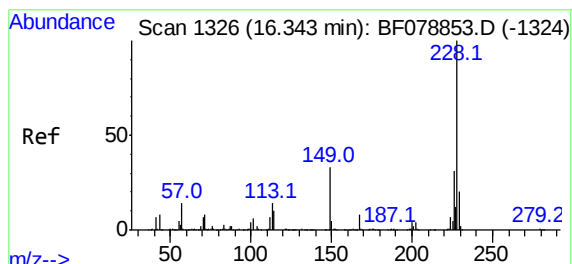
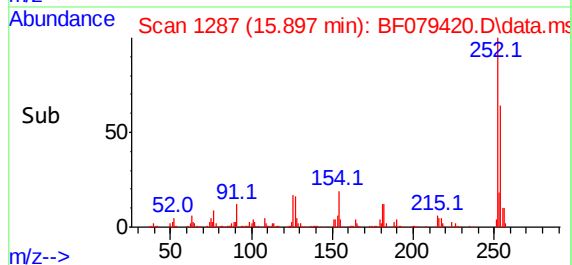
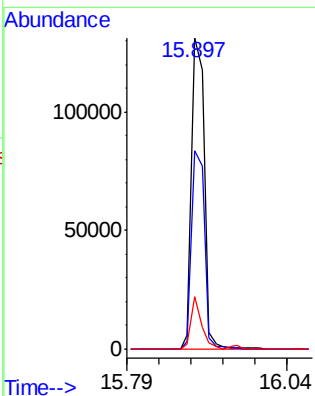
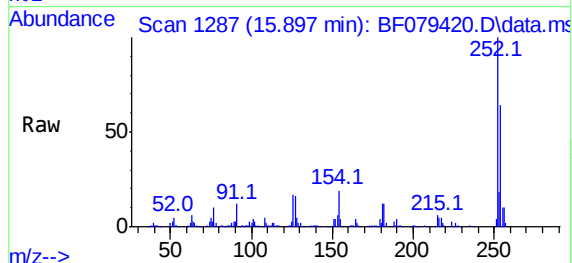




#81
3,3'-Dichlorobenzidine
Concen: 45.06 ng
RT: 15.897 min Scan# 1287
Delta R.T. -0.091 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

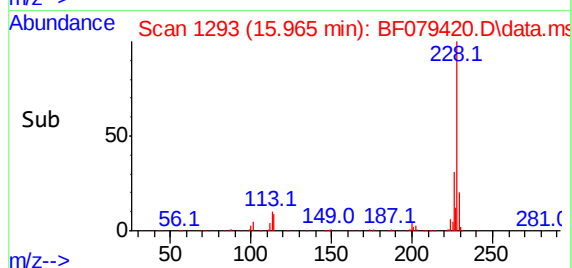
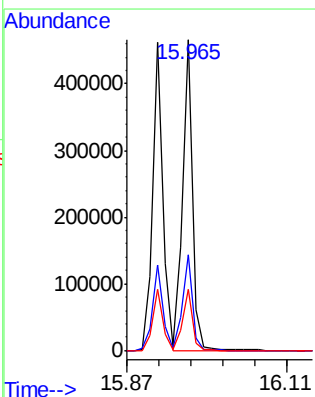
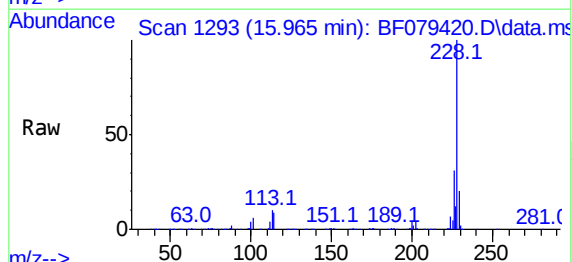
Instrument :
BNA_F
ClientSampleId :

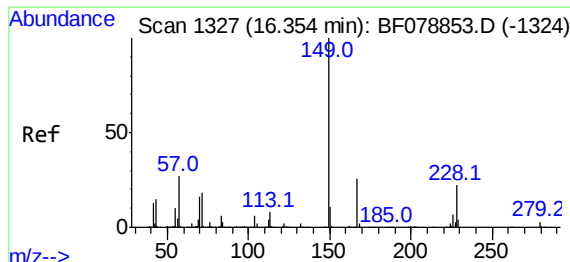
Tgt Ion:252 Resp: 182709
Ion Ratio Lower Upper
252 100
254 63.7 52.2 78.2
126 16.7 6.6 9.8#



#82
Chrysene
Concen: 43.38 ng
RT: 15.965 min Scan# 1293
Delta R.T. -0.091 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:228 Resp: 474894
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 19.8 16.1 24.1



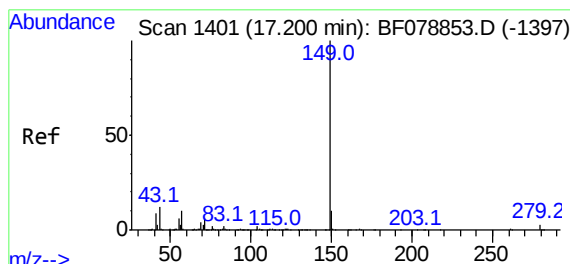
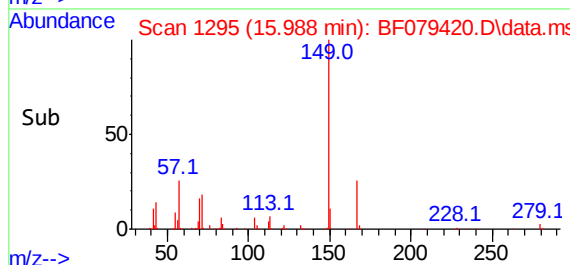
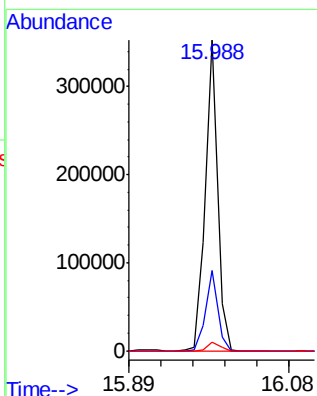
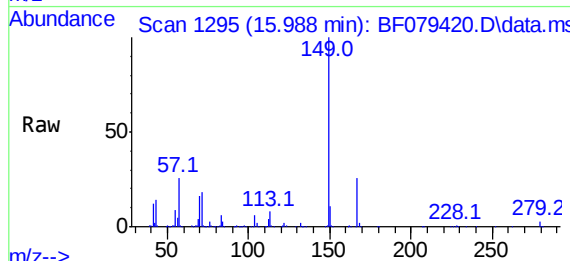


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.43 ng
 RT: 15.988 min Scan# 1295
 Delta R.T. -0.080 min
 Lab File: BF079420.D
 Acq: 21 May 2015 23:27

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:149 Resp: 368227

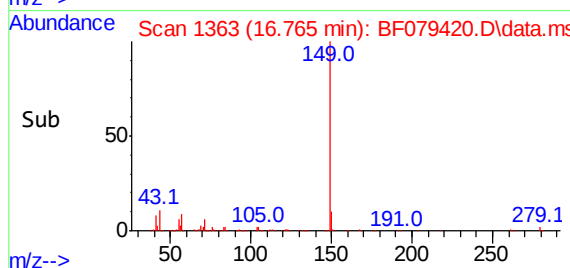
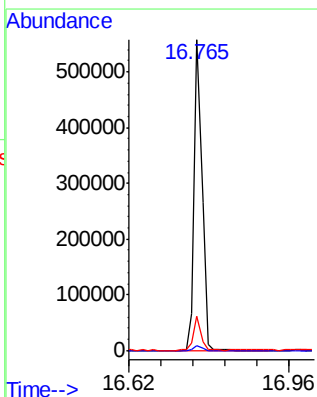
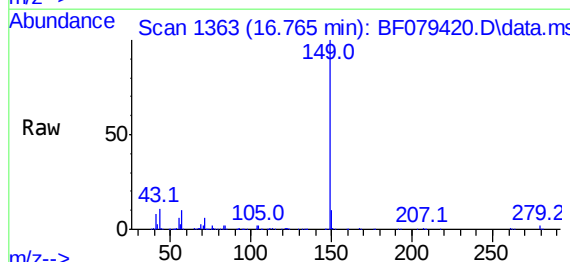
Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.2	31.8
279	2.9	2.6	4.0

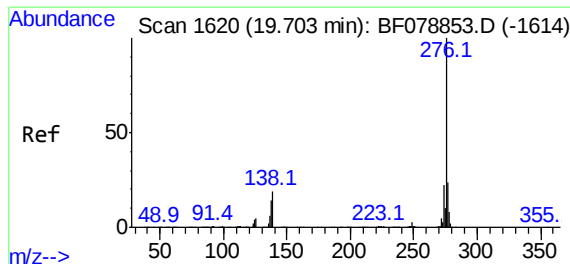


#84
 Di-n-octyl phthalate
 Concen: 44.62 ng
 RT: 16.765 min Scan# 1363
 Delta R.T. -0.126 min
 Lab File: BF079420.D
 Acq: 21 May 2015 23:27

Tgt Ion:149 Resp: 623169

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	9.0	13.6

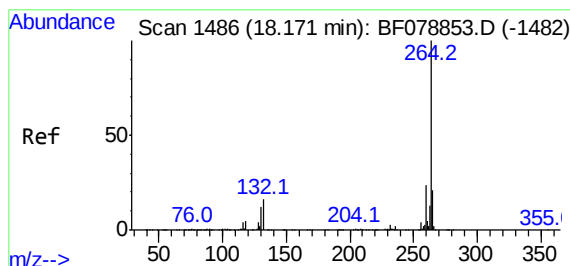
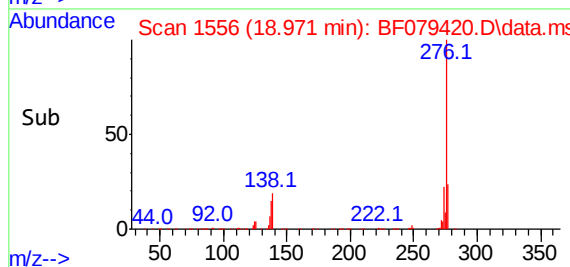
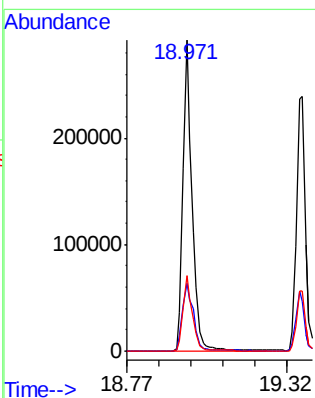
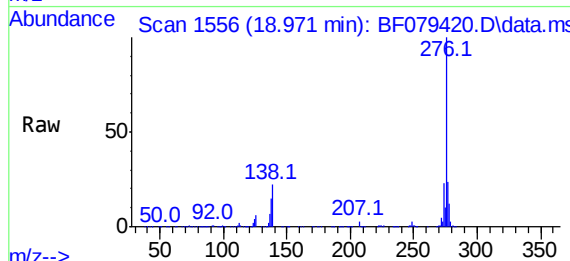




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.42 ng
RT: 18.971 min Scan# 1556
Delta R.T. -0.240 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

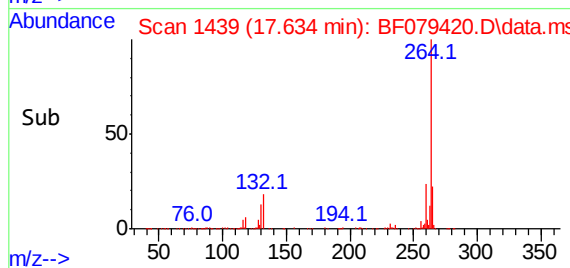
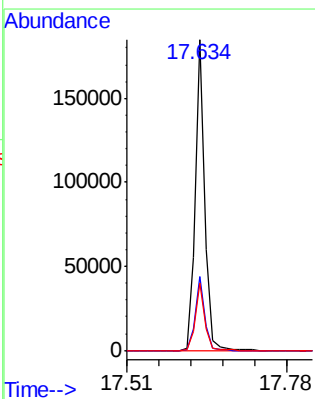
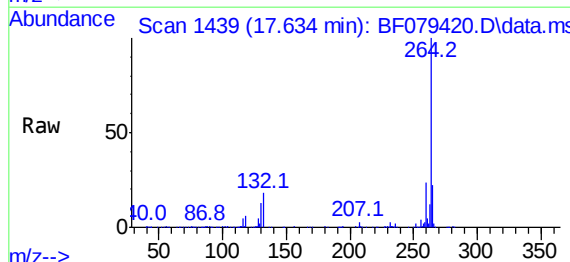
Instrument :
BNA_F
ClientSampleId :

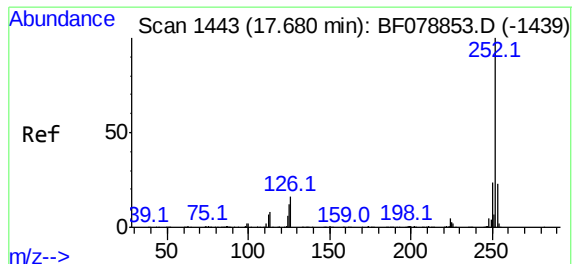
Tgt Ion:276 Resp: 633532
Ion Ratio Lower Upper
276 100
138 26.4 21.1 31.7
277 24.8 19.9 29.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.634 min Scan# 1439
Delta R.T. -0.183 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:264 Resp: 214996
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.7 17.2 25.8

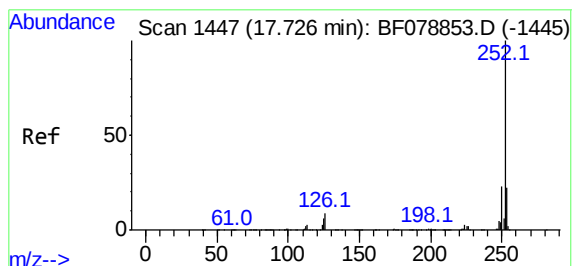
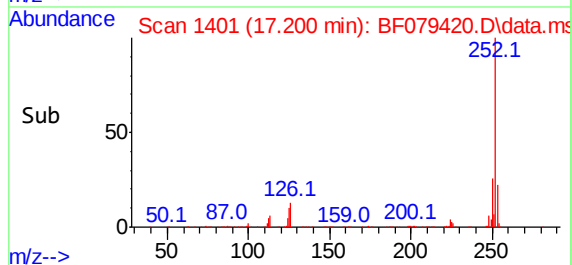
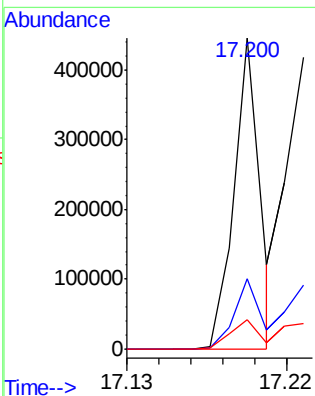
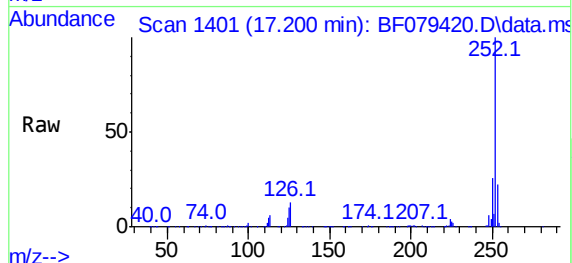




#87
Benzo(b)fluoranthene
Concen: 41.72 ng
RT: 17.200 min Scan# 1401
Delta R.T. -0.149 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

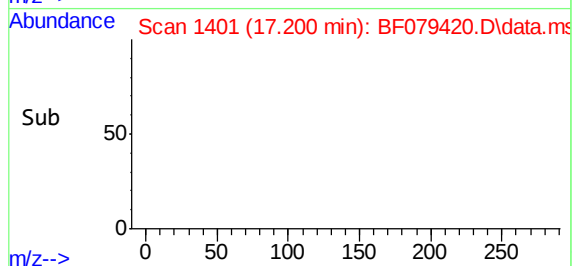
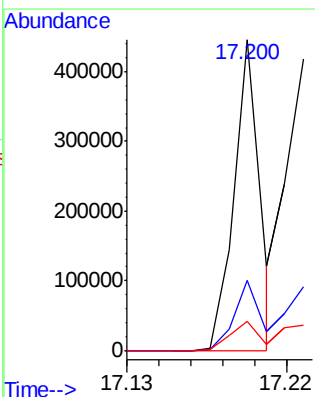
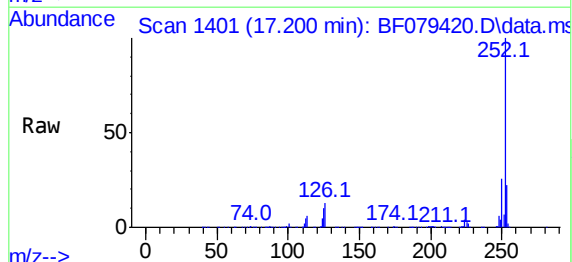
Instrument :
BNA_F
ClientSampleId :

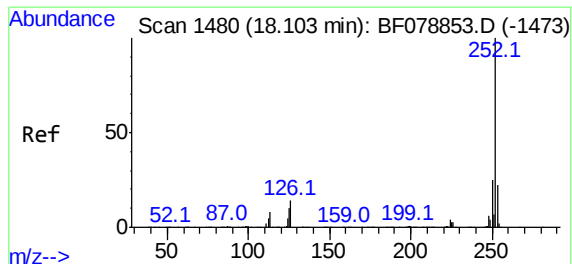
Tgt Ion:252 Resp: 490919
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 9.5 9.4 14.2



#88
Benzo(k)fluoranthene
Concen: 43.09 ng
RT: 17.200 min Scan# 1401
Delta R.T. -0.183 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Tgt Ion:252 Resp: 490919
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.5 6.1 9.1#

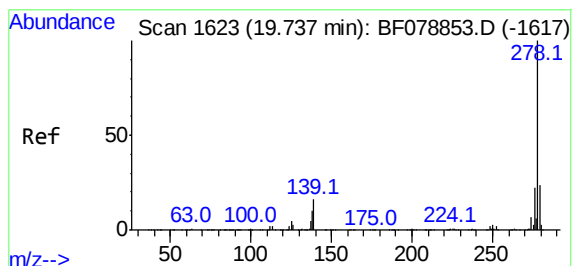
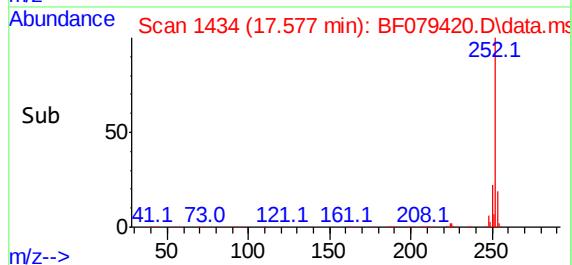
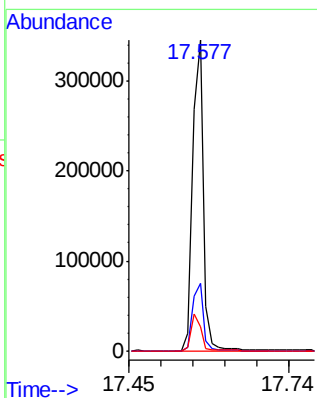
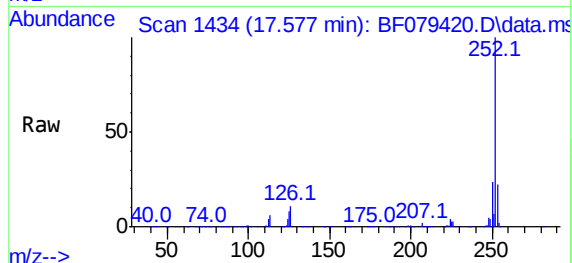




#89
Benzo(a)pyrene
Concen: 44.77 ng
RT: 17.577 min Scan# 1434
Delta R.T. -0.171 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

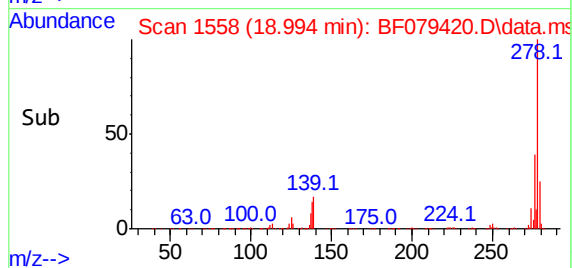
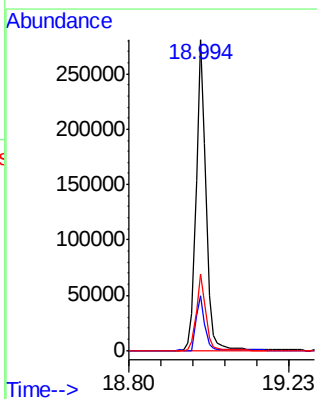
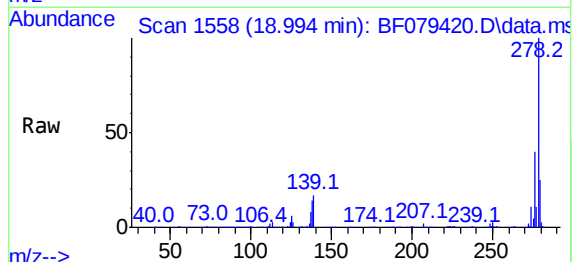
Instrument :
BNA_F
ClientSampleId :

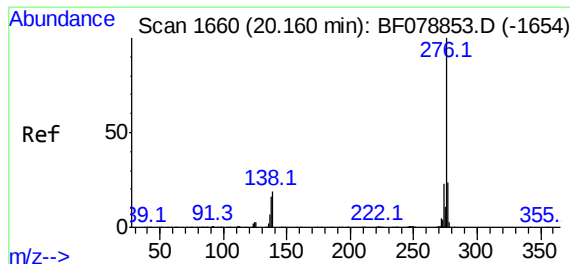
Tgt Ion:252 Resp: 485142
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 7.8 8.2 12.2#



#90
Dibenzo(a,h)anthracene
Concen: 44.88 ng
RT: 18.994 min Scan# 1558
Delta R.T. -0.251 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

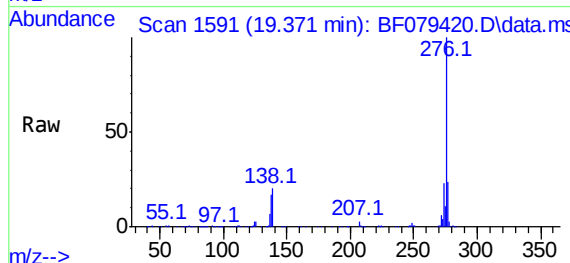
Tgt Ion:278 Resp: 516844
Ion Ratio Lower Upper
278 100
139 17.4 13.1 19.7
279 24.7 19.1 28.7





#91
Benzo(g,h,i)perylene
Concen: 44.81 ng
RT: 19.371 min Scan# 1591
Delta R.T. -0.251 min
Lab File: BF079420.D
Acq: 21 May 2015 23:27

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:276 Resp: 517142

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	19.7	15.2	22.8

