Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
Data File : BF079557.D
Acq On : 28 May 2015 21:27
Operator : TP/IZ
Sample : G2294-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HY-SB407A(3-3.5)

Quant Time: May 29 08:50:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 18:41:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	79226	20.00	ng		0.00
21) Naphthalene-d8	8.54	136	319974	20.00	ng		0.00
38) Acenaphthene-d10	10.71	164	159916	20.00	ng		0.00
63) Phenanthrene-d10	12.54	188	294435	20.00	ng		0.00
75) Chrysene-d12	15.82	240	298810	20.00	ng		-0.02
86) Perylene-d12	17.52	264	307925	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	442059	96.78	ng		0.01
7) Phenol-d6	6.57	99	600861	103.20	ng		0.01
23) Nitrobenzene-d5	7.67	82	378055	68.30	ng		0.00
41) 2,4,6-Tribromophenol	11.69	330	171620	97.71	ng		0.00
44) 2-Fluorobiphenyl	9.88	172	708729	63.23	ng		0.00
78) Terphenyl-d14	14.54	244	739689	58.09	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	1874	Below Cal		#	79
31) Naphthalene	8.57	128	91777	5.98	ng		99
37) 2-Methylnaphthalene	9.43	142	32593	3.06	ng		96
48) Acenaphthylene	10.54	152	130419	7.96	ng		99
49) Dimethylphthalate	10.40	163	80144	6.80	ng		100
51) Acenaphthene	10.74	154	27208	2.91	ng		97
54) Dibenzofuran	10.96	168	31749	2.30	ng		99
55) 4-Nitrophenol	10.96	139	12484	7.35	ng	#	17
57) Fluorene	11.38	166	33050	2.90	ng		98
70) Phenanthrene	12.57	178	438941	27.17	ng		100
71) Anthracene	12.64	178	197398	12.04	ng		99
72) Carbazole	12.85	167	66045	4.18	ng		98
73) Di-n-butylphthalate	13.30	149	16927	Below Cal		#	83
74) Fluoranthene	14.05	202	897192	51.79	ng		97
77) Pyrene	14.32	202	964918	52.12	ng	#	96
80) Benzo(a)anthracene	15.85	228	640178	37.24	ng		94
82) Chrysene	15.85	228	638118	39.06	ng		97
85) Indeno(1,2,3-cd)pyrene	18.98	276	51932	2.47	ng	#	61
87) Benzo(b)fluoranthene	17.10	252	1658919	94.46	ng	#	95
88) Benzo(k)fluoranthene	17.10	252	1658919	105.63	ng	#	93
89) Benzo(a)pyrene	17.46	252	1002607	66.00	ng	#	94
90) Dibenzo(a,h)anthracene	18.98	278	199806	11.26	ng		92
91) Benzo(g,h,i)perylene	19.21	276	830567	51.31	ng		97

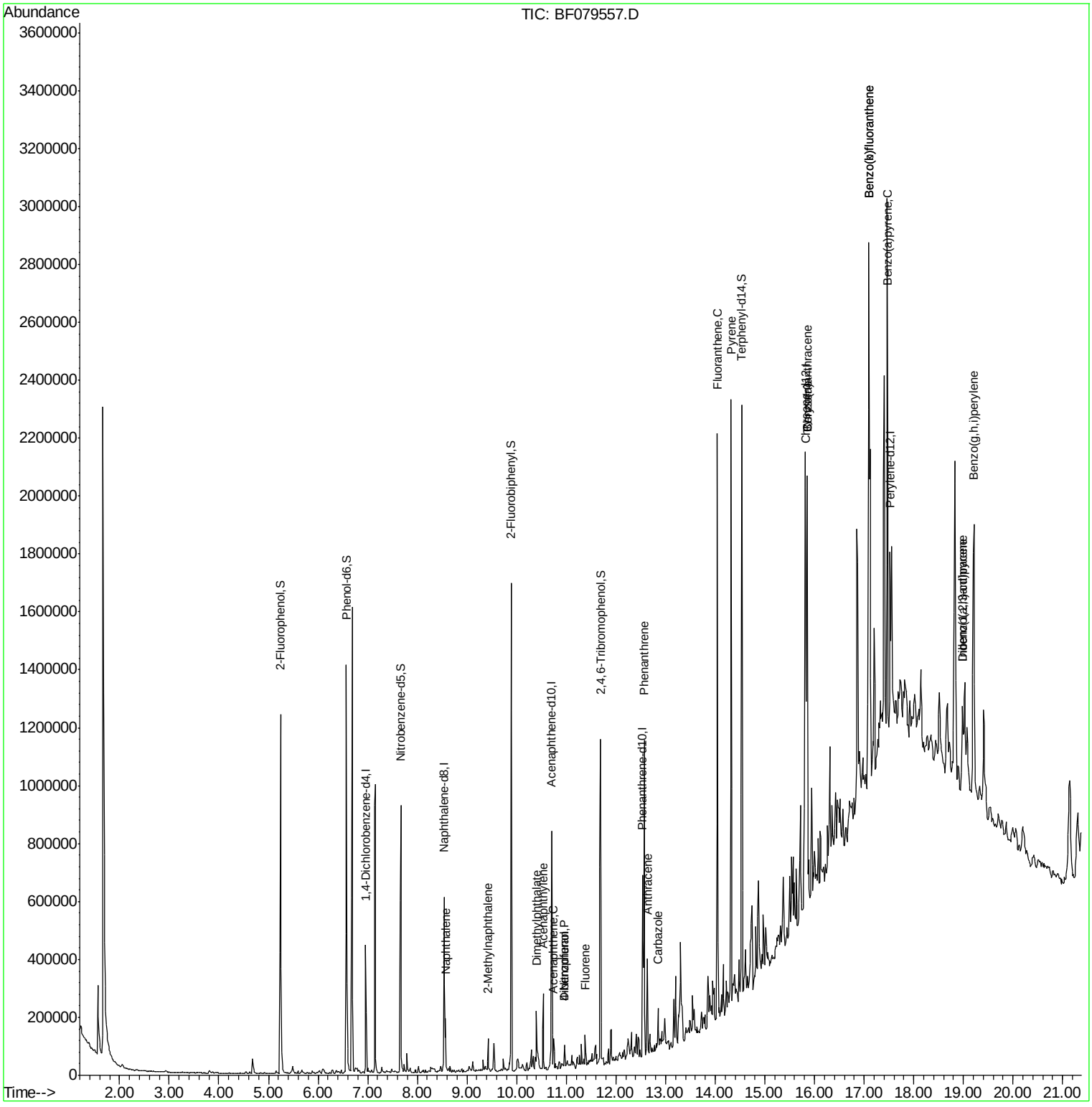
(#) = qualifier out of range (m) = manual integration (+) = signals summed

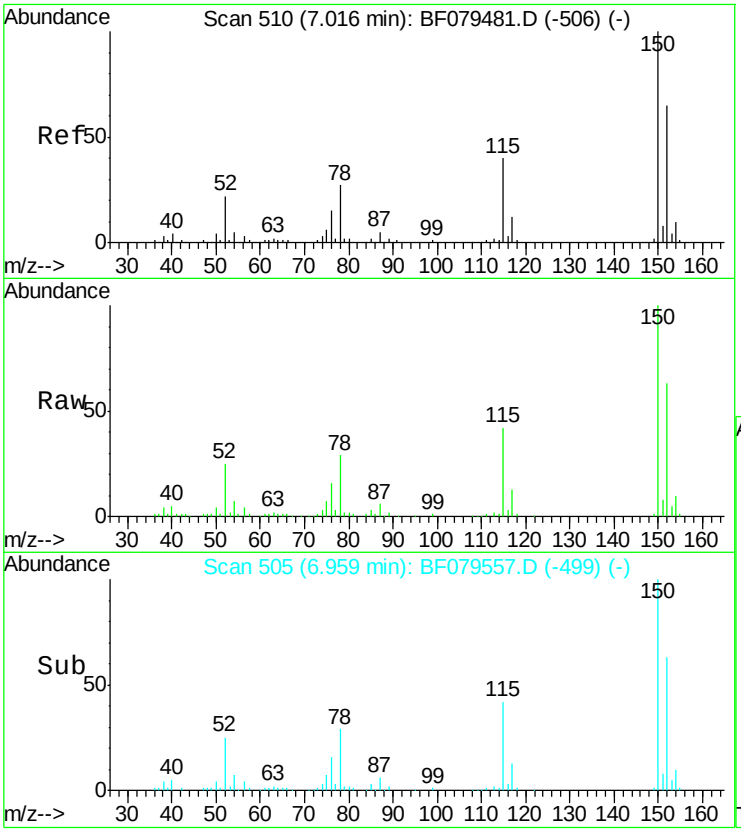
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
Data File : BF079557.D
Acq On : 28 May 2015 21:27
Operator : TP/IZ
Sample : G2294-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Quant Time: May 29 08:50:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 18:41:08 2015
Response via : Initial Calibration



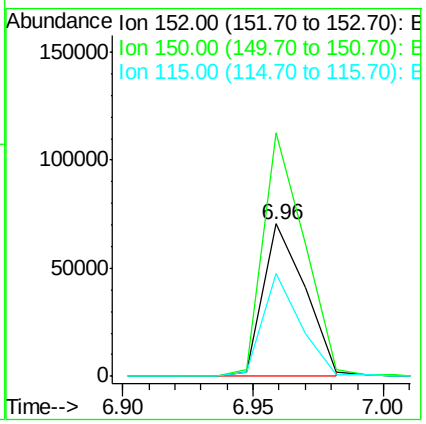


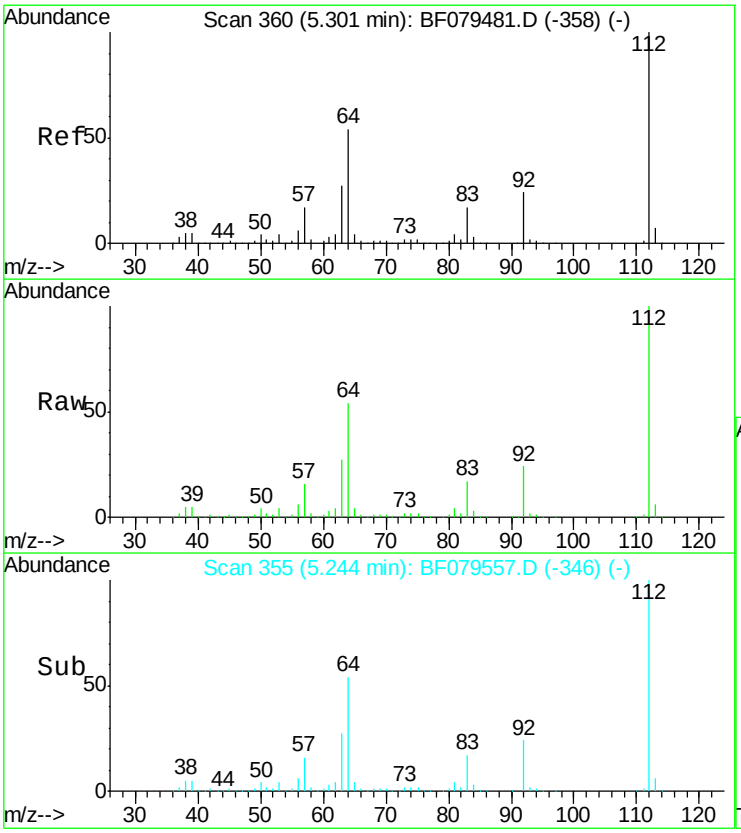
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:152 Resp: 79226

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.0	186.0
115	67.2	49.6	74.4

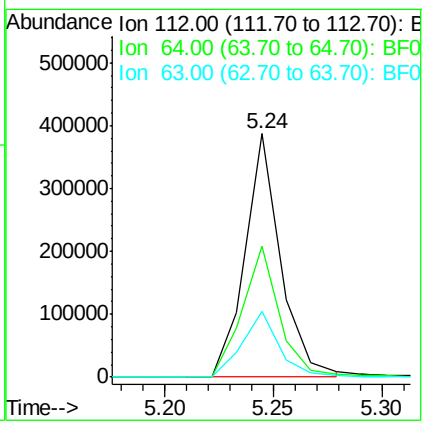


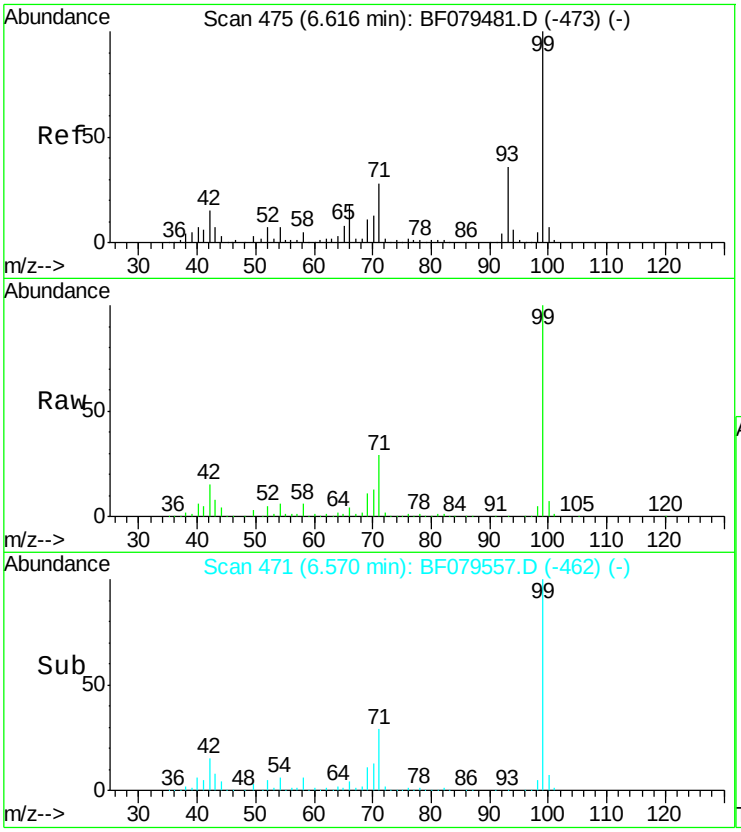


#5
2-Fluorophenol
Concen: 96.78 ng
RT: 5.24 min Scan# 355
Delta R.T. 0.01 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:112 Resp: 442059

Ion	Ratio	Lower	Upper
112	100		
64	53.7	43.5	65.3
63	27.2	21.8	32.8



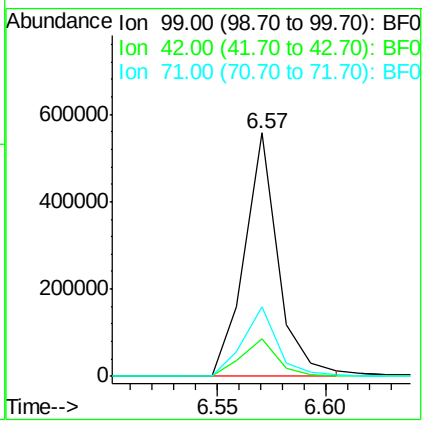


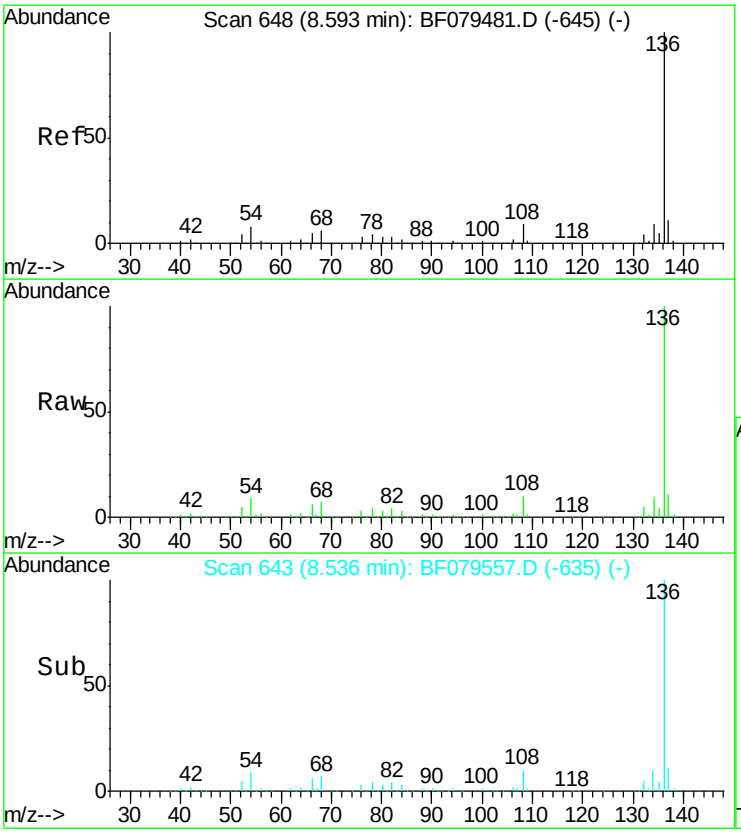
#7
Phenol-d6
Concen: 103.20 ng
RT: 6.57 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion: 99 Resp: 600861

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.9	17.9
71	28.8	22.1	33.1

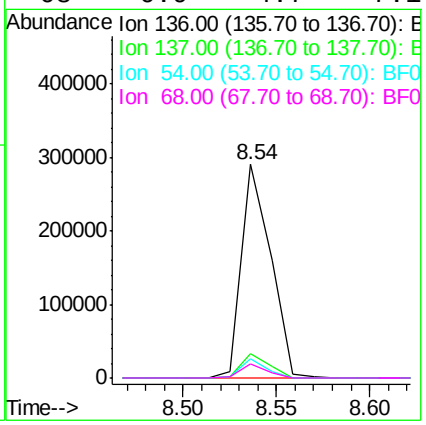


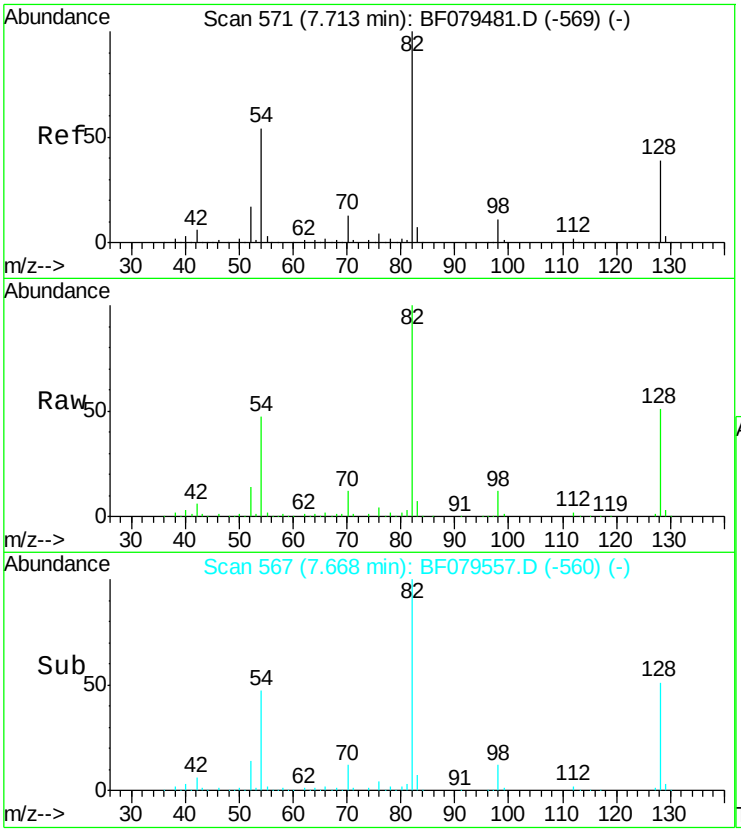


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.54 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:136 Resp: 319974

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	9.3	6.6	9.8
68	6.9	4.7	7.1



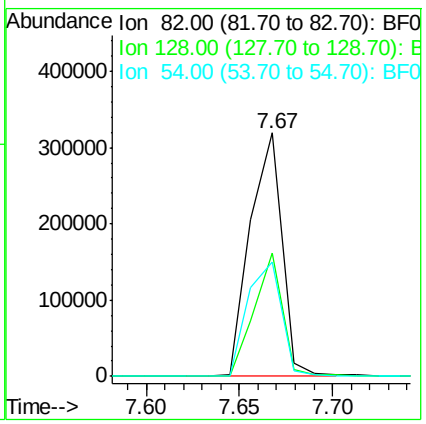


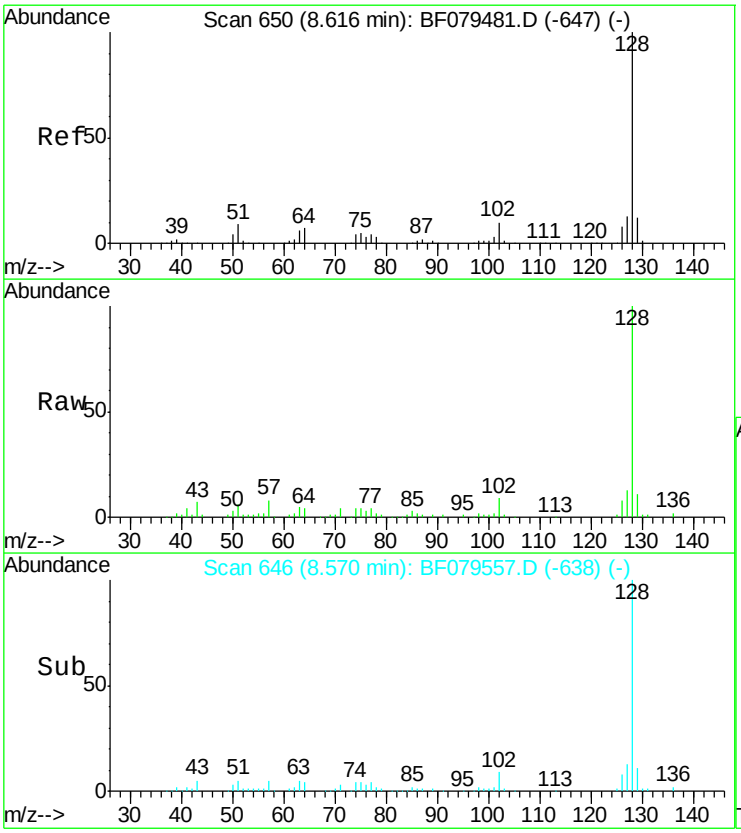
#23
Nitrobenzene-d5
Concen: 68.30 ng
RT: 7.67 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion: 82 Resp: 378055

Ion	Ratio	Lower	Upper
82	100		
128	50.7	30.8	46.2#
54	47.1	42.8	64.2

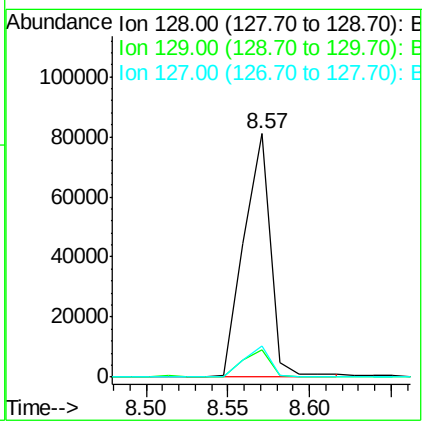


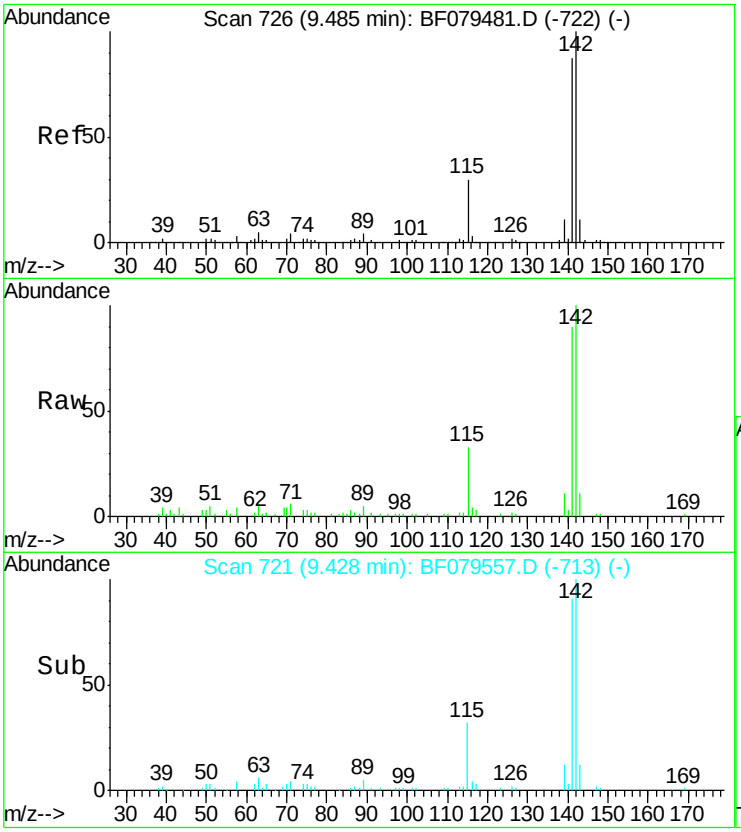


#31
Naphthalene
Concen: 5.98 ng
RT: 8.57 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:128 Resp: 91777

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	12.7	10.6	15.8



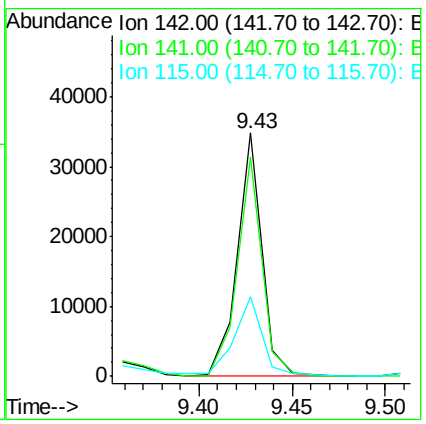


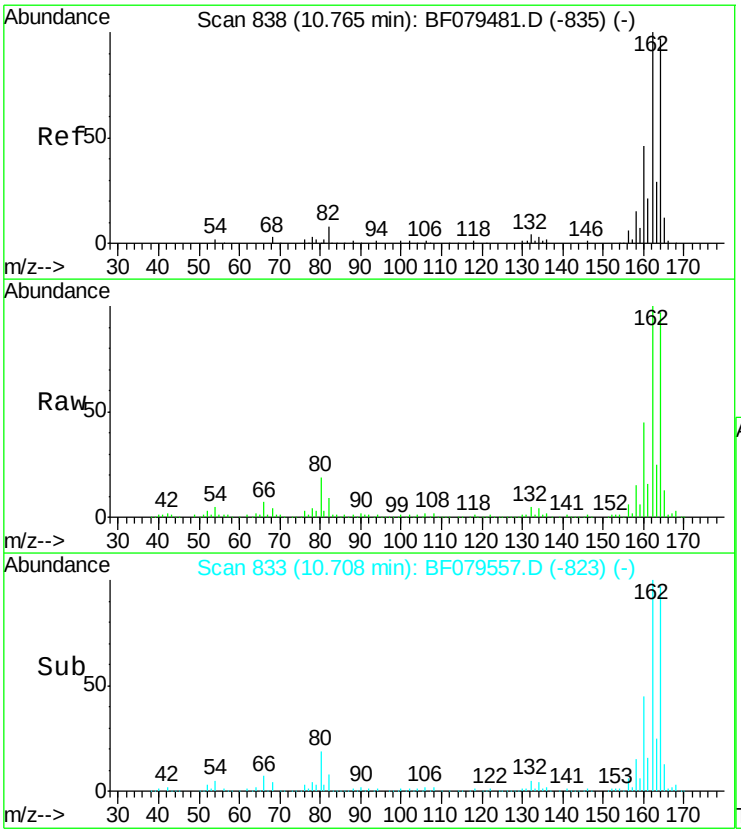
#37
2-Methylnaphthalene
Concen: 3.06 ng
RT: 9.43 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:142 Resp: 32593

Ion	Ratio	Lower	Upper
142	100		
141	90.3	69.5	104.3
115	32.6	23.8	35.6

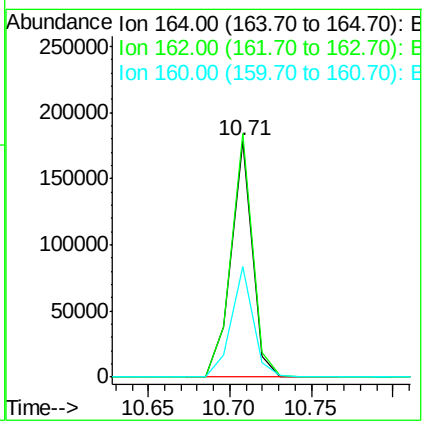


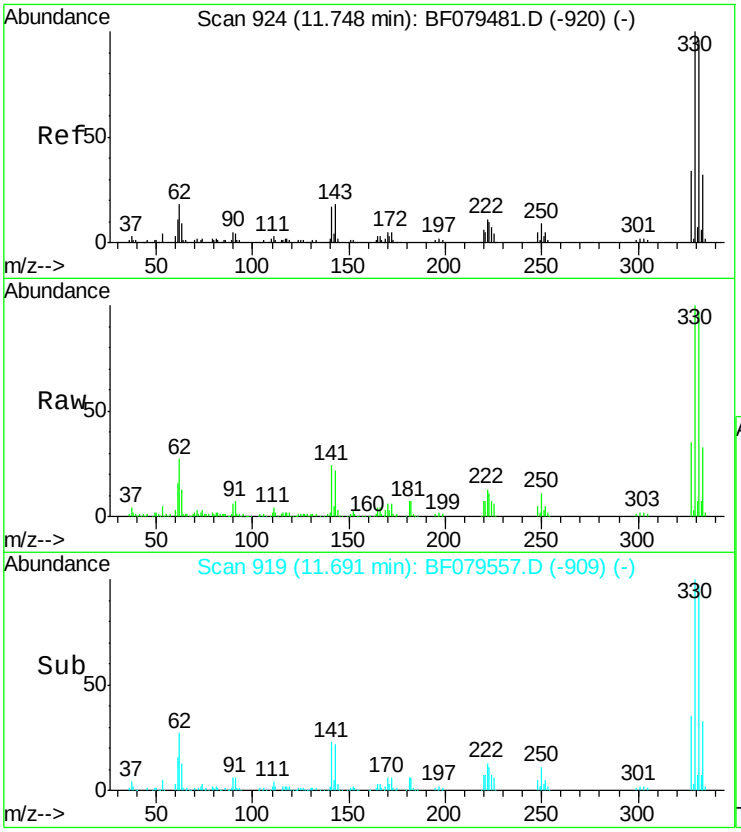


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.71 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:164 Resp: 159916

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	124.0
160	46.6	37.7	56.5



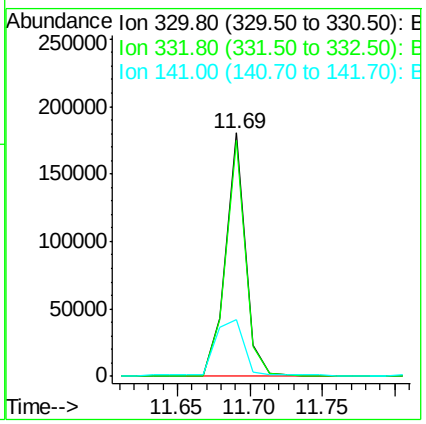


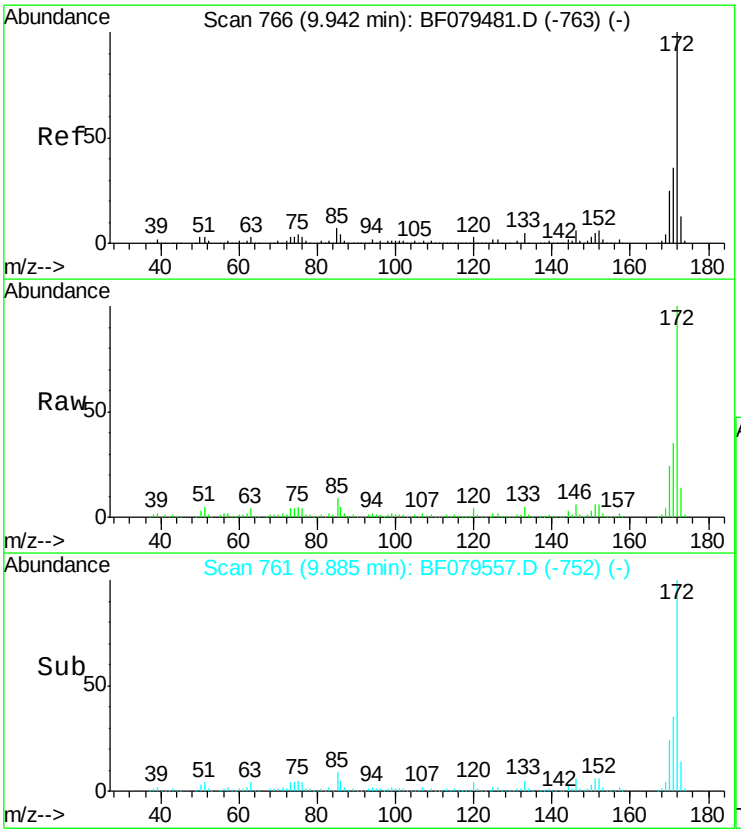
#41
2,4,6-Tribromophenol
Concen: 97.71 ng
RT: 11.69 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:330 Resp: 171620

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	35.0	0.0	0.0#

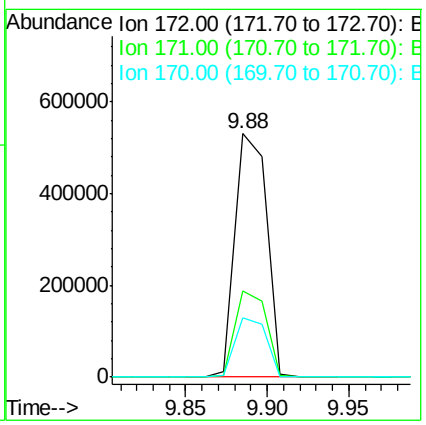


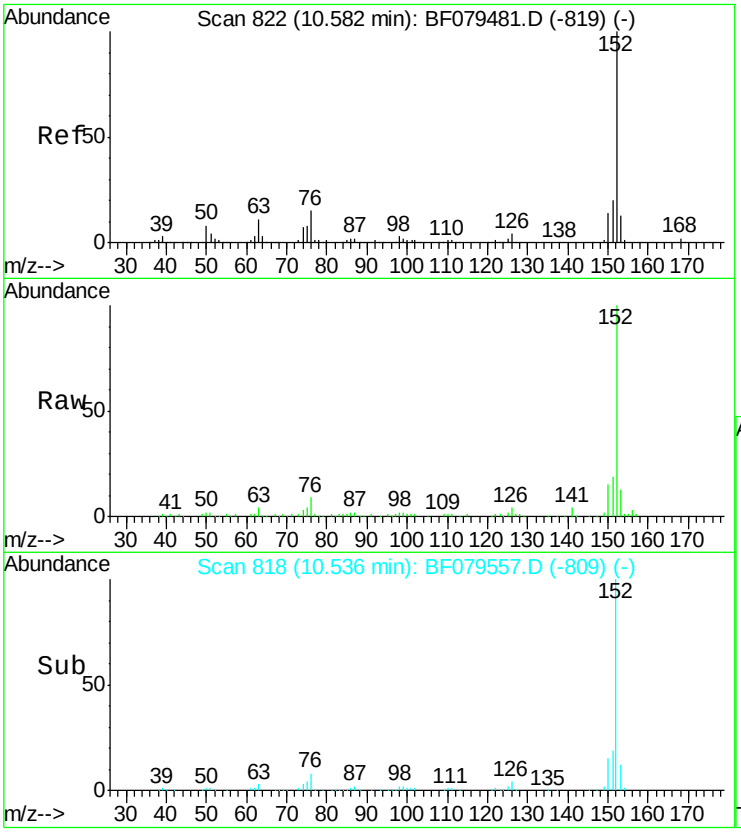


#44
2-Fluorobiphenyl
Concen: 63.23 ng
RT: 9.88 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:172 Resp: 708729

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.2	19.7	29.5



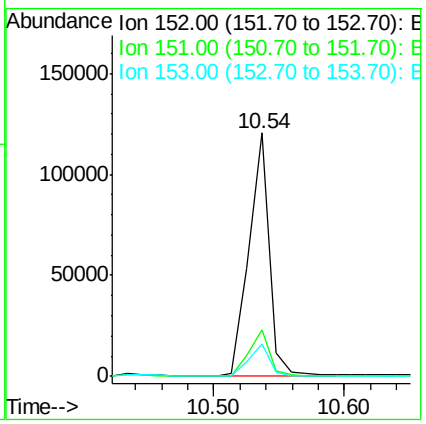


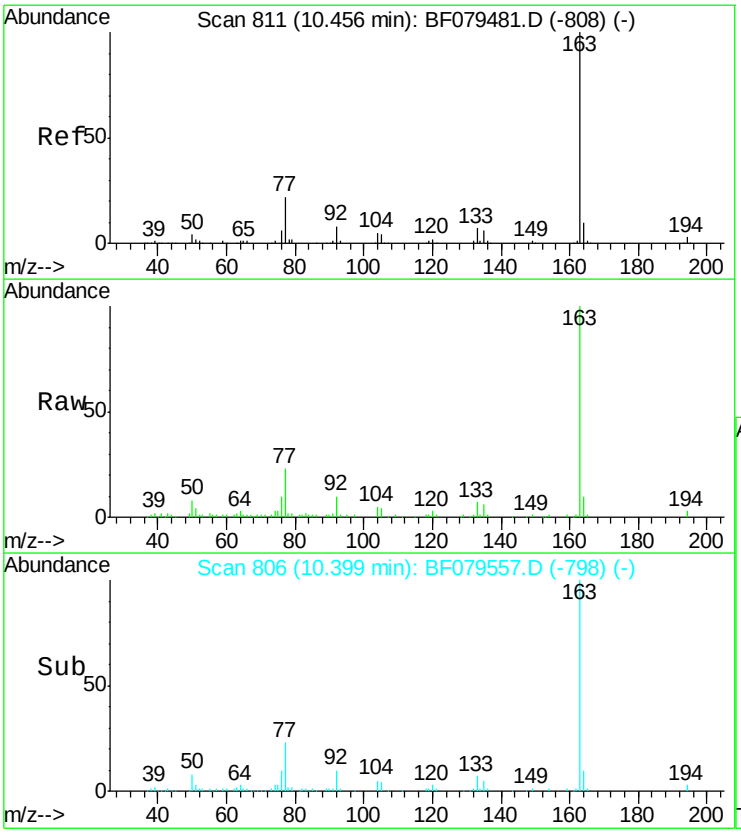
#48
Acenaphthylene
Concen: 7.96 ng
RT: 10.54 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:152 Resp: 130419

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8
153	13.2	10.7	16.1

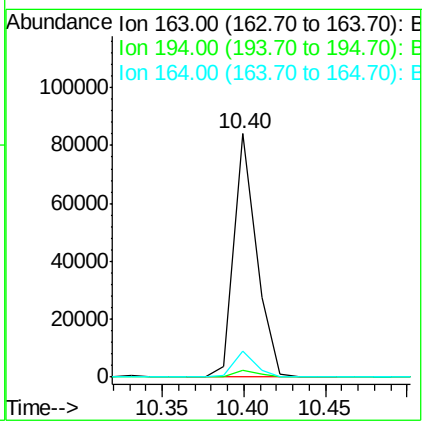


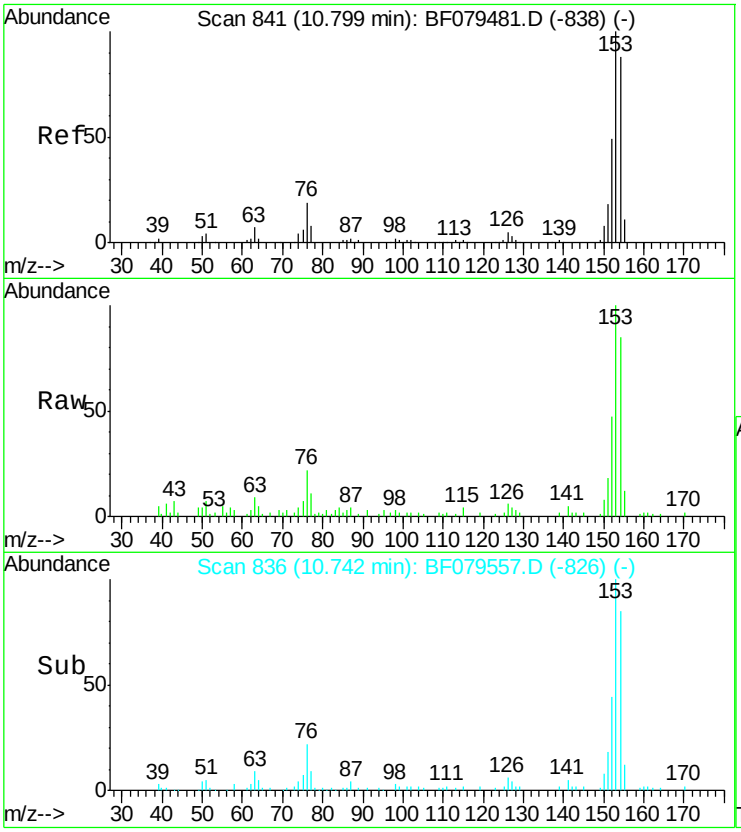


#49
Dimethylphthalate
Concen: 6.80 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:163 Resp: 80144

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.4	3.6
164	10.5	8.2	12.4



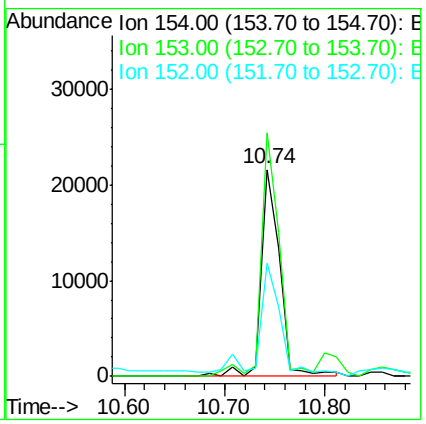


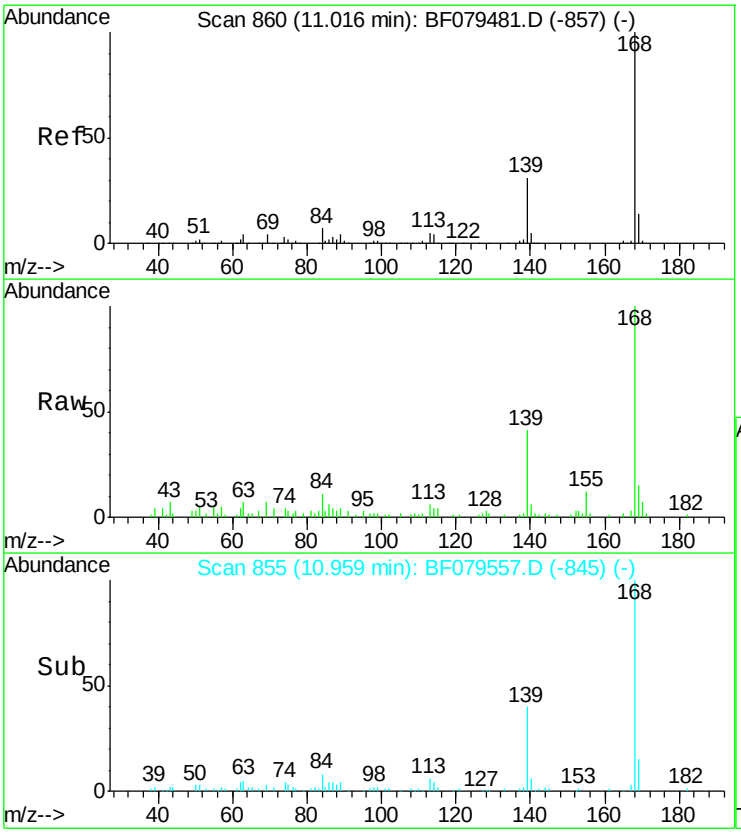
#51
Acenaphthene
Concen: 2.91 ng
RT: 10.74 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:154 Resp: 27208

Ion	Ratio	Lower	Upper
154	100		
153	117.9	91.1	136.7
152	54.9	44.6	66.8

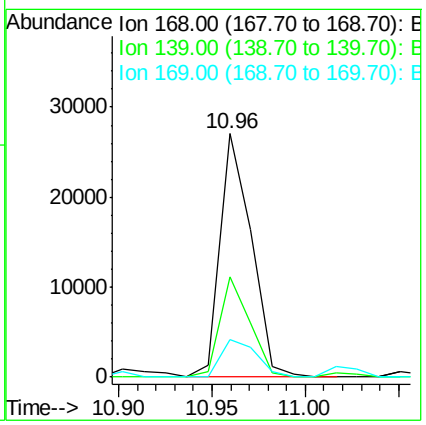


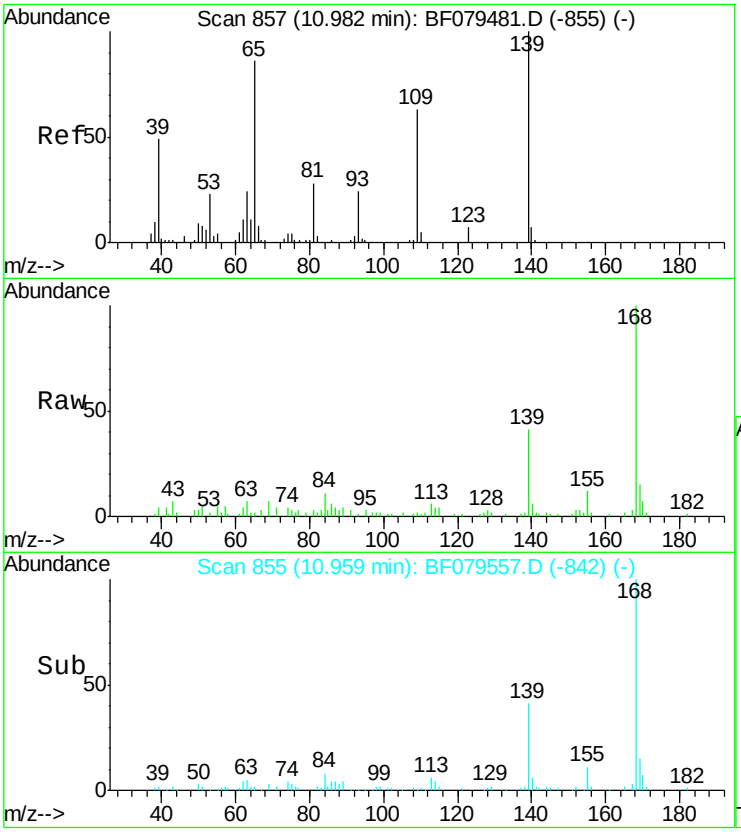


#54
Dibenzofuran
Concen: 2.30 ng
RT: 10.96 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:168 Resp: 31749

Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.9	49.3
169	15.4	11.1	16.7



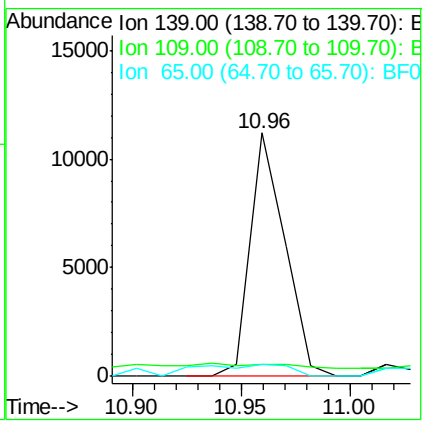


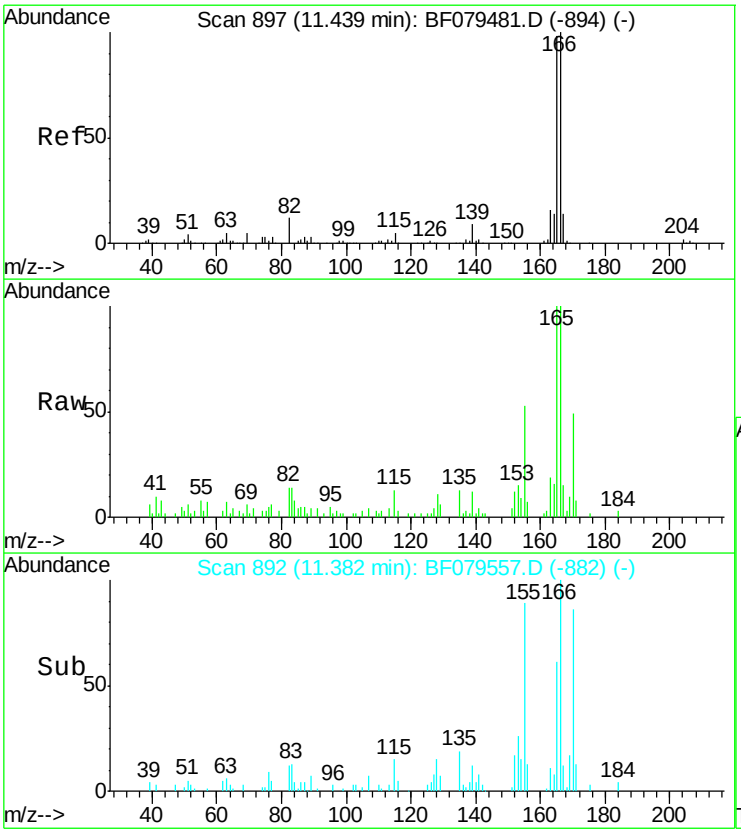
#55
4-Nitrophenol
Concen: 7.35 ng
RT: 10.96 min Scan# 855
Delta R.T. 0.03 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:139 Resp: 12484

Ion	Ratio	Lower	Upper
139	100		
109	4.9	42.8	82.8#
65	4.9	66.3	106.3#

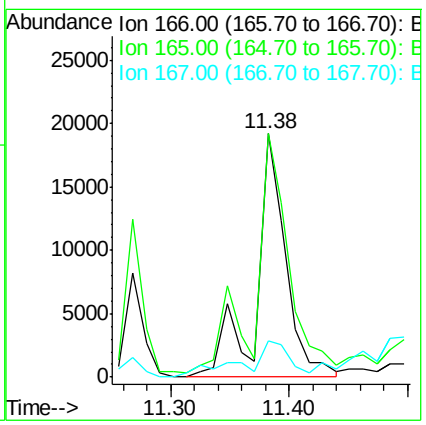


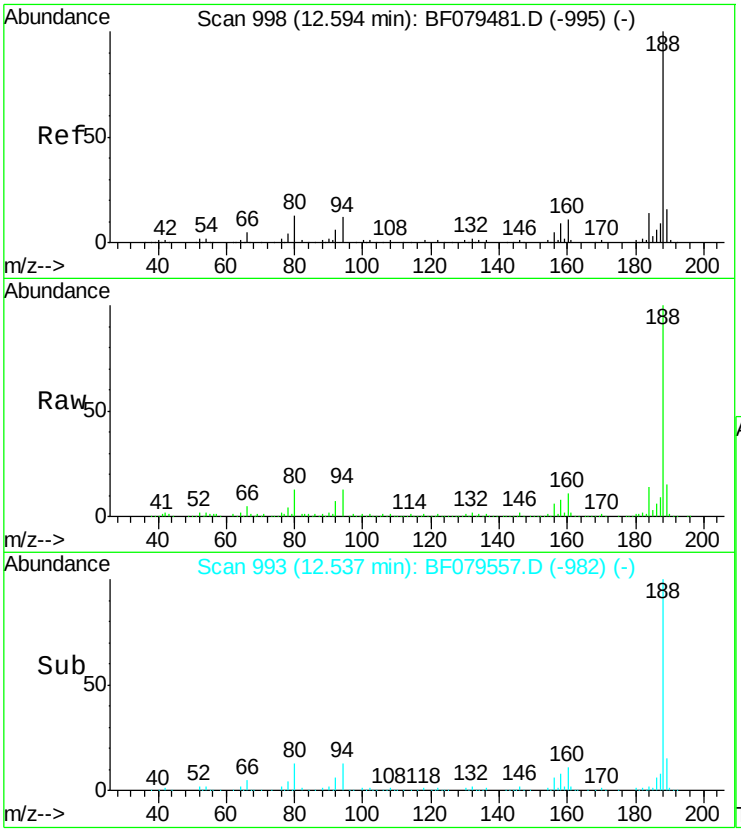


#57
Fluorene
Concen: 2.90 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:166 Resp: 33050

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.6	117.8
167	15.0	10.8	16.2



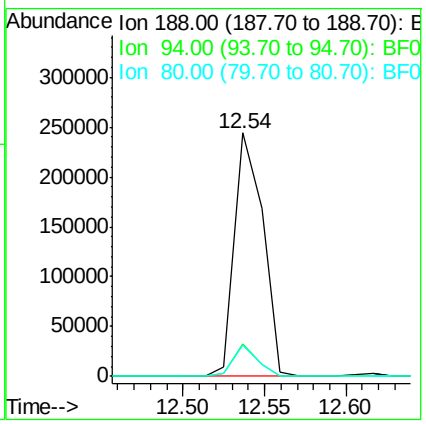


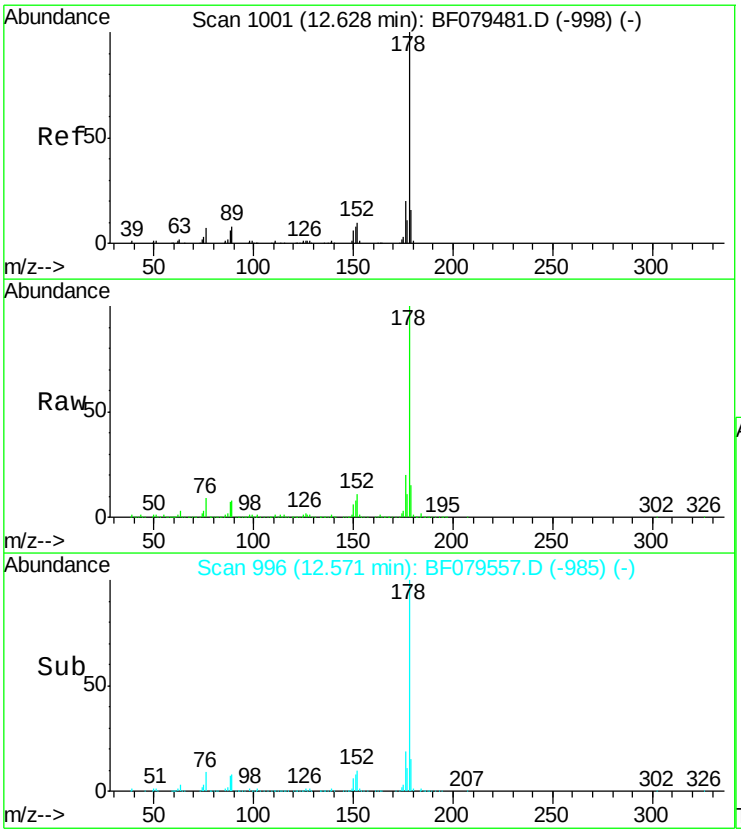
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.54 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:188 Resp: 294435

Ion	Ratio	Lower	Upper
188	100		
94	13.2	9.8	14.6
80	13.0	10.5	15.7

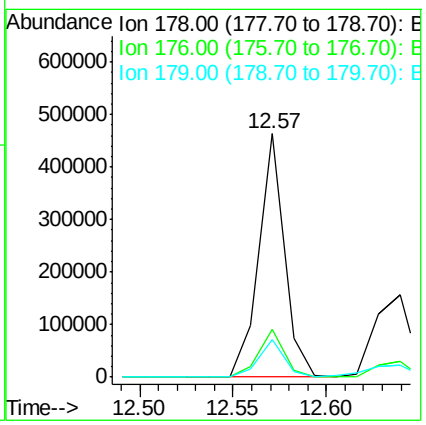


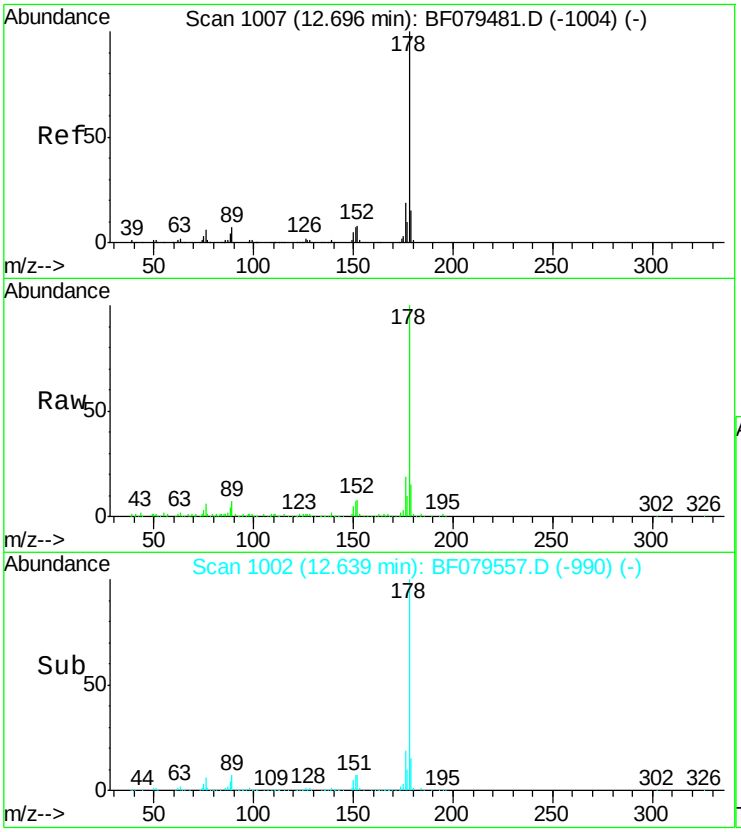


#70
Phenanthrene
Concen: 27.17 ng
RT: 12.57 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:178 Resp: 438941

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.3	12.4	18.6



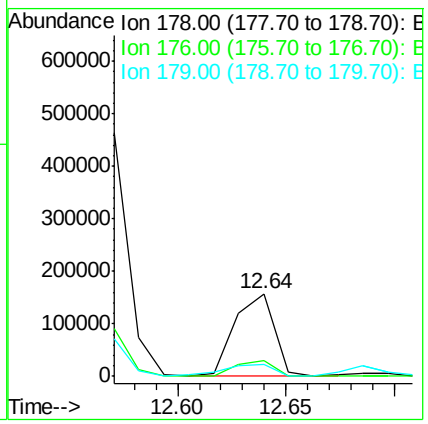


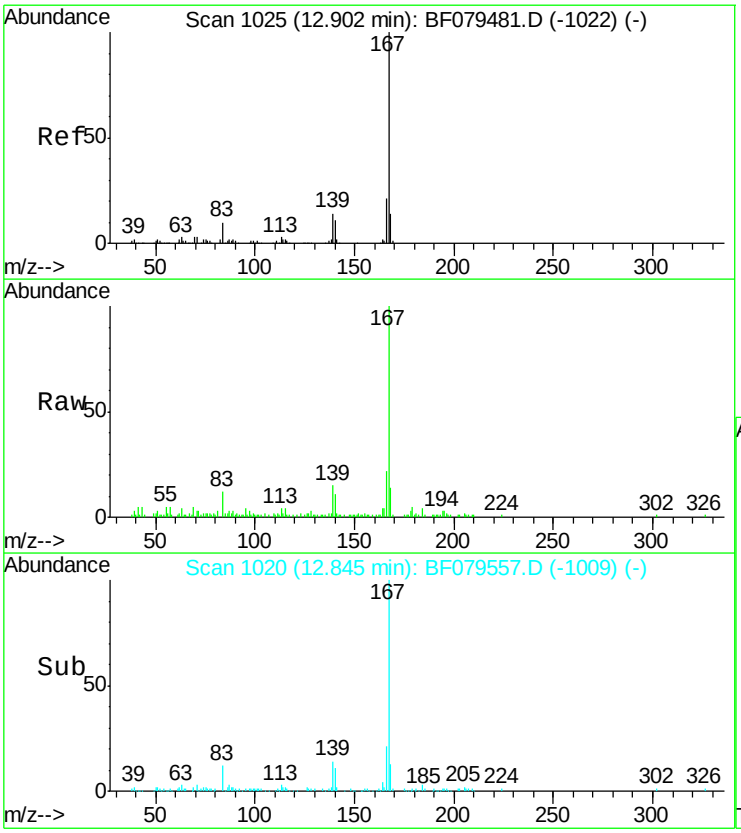
#71
Anthracene
Concen: 12.04 ng
RT: 12.64 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:178 Resp: 197398

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.1	12.2	18.4

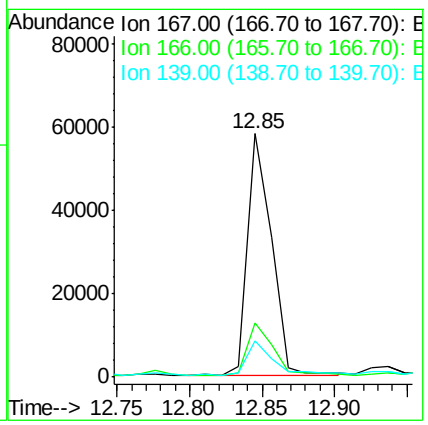


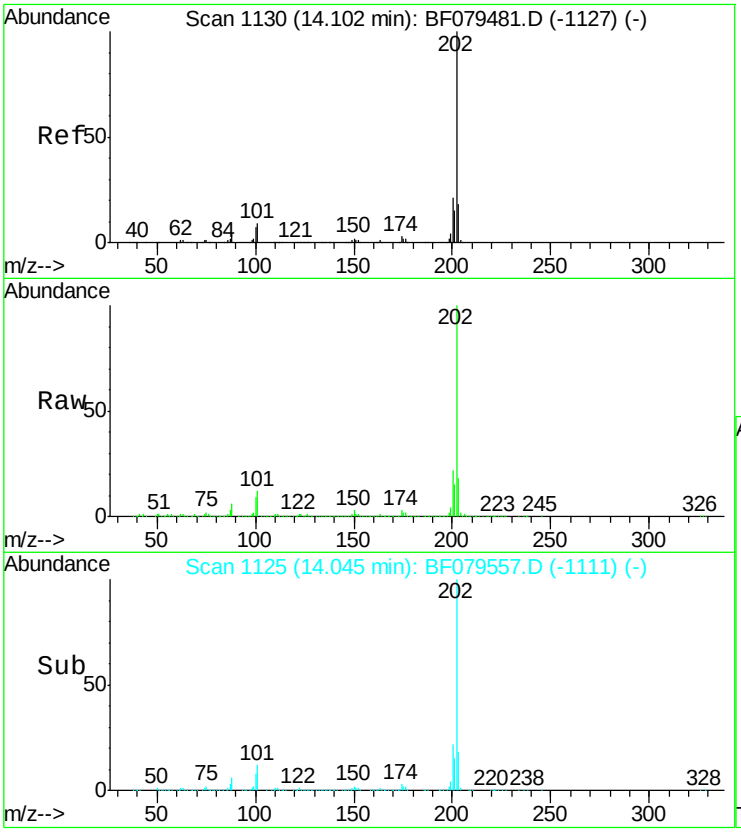


#72
Carbazole
Concen: 4.18 ng
RT: 12.85 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:167 Resp: 66045

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.4
139	15.0	11.2	16.8



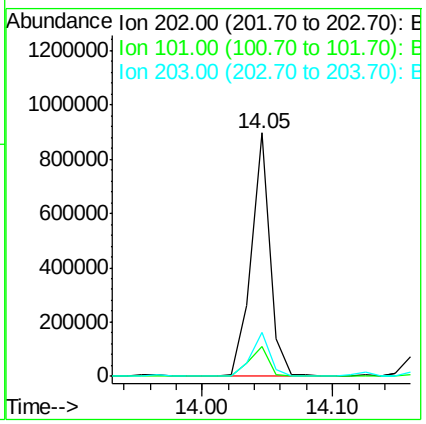


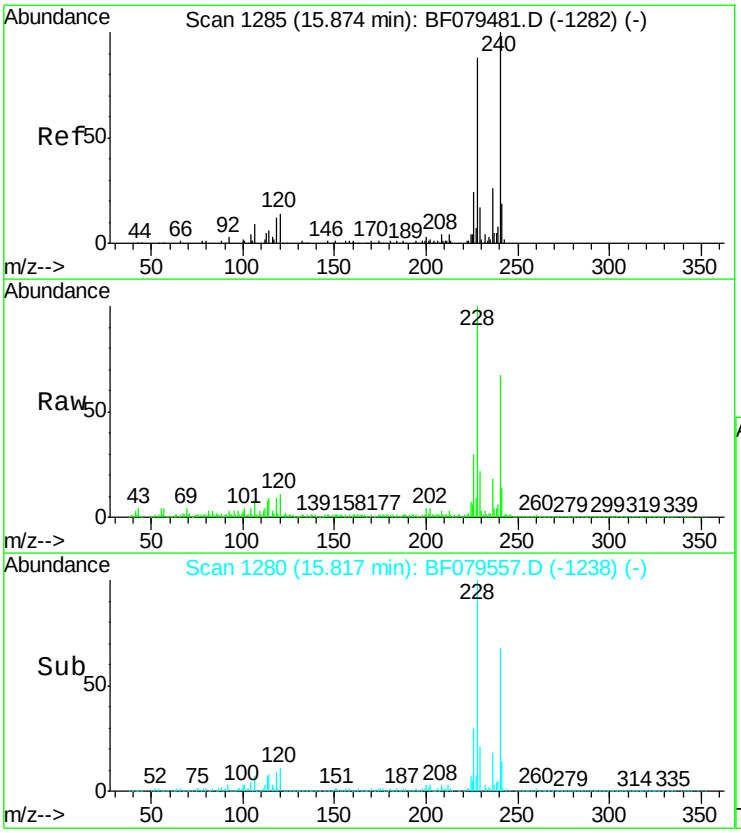
#74
Fluoranthene
Concen: 51.79 ng
RT: 14.05 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:202 Resp: 897192

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	29.3
203	17.9	0.0	37.6

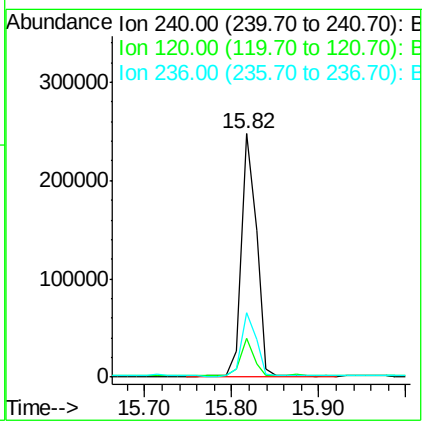


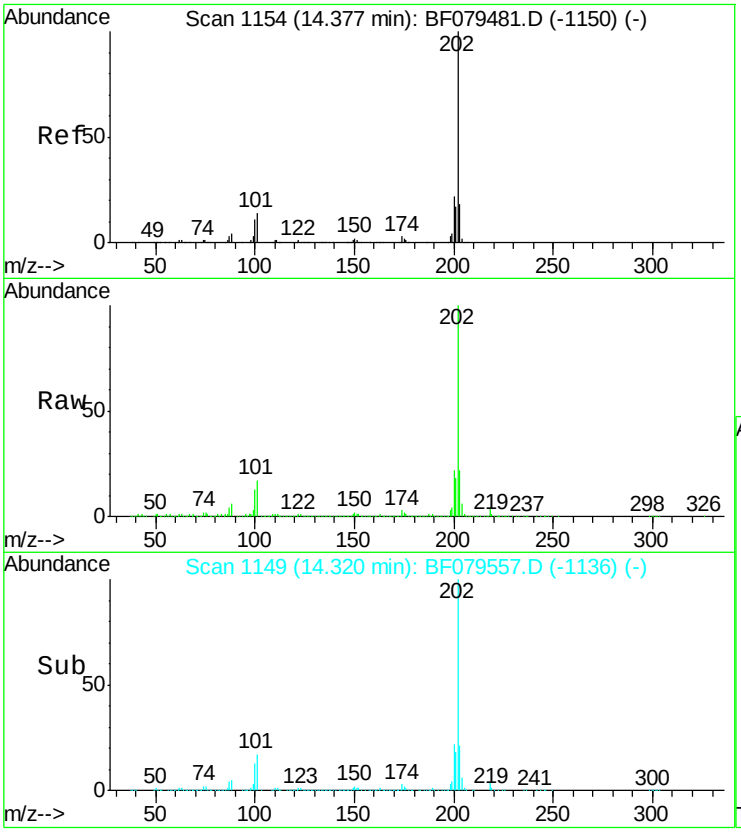


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.82 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:240 Resp: 298810

Ion	Ratio	Lower	Upper
240	100		
120	16.1	10.8	16.2
236	26.3	21.0	31.6



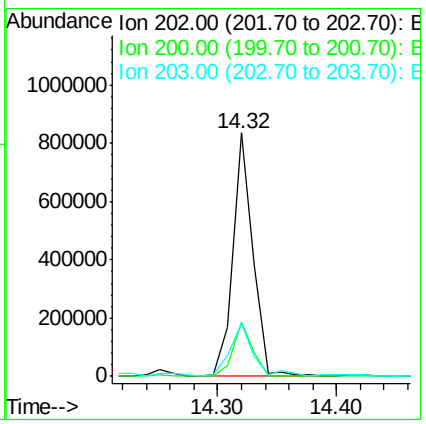


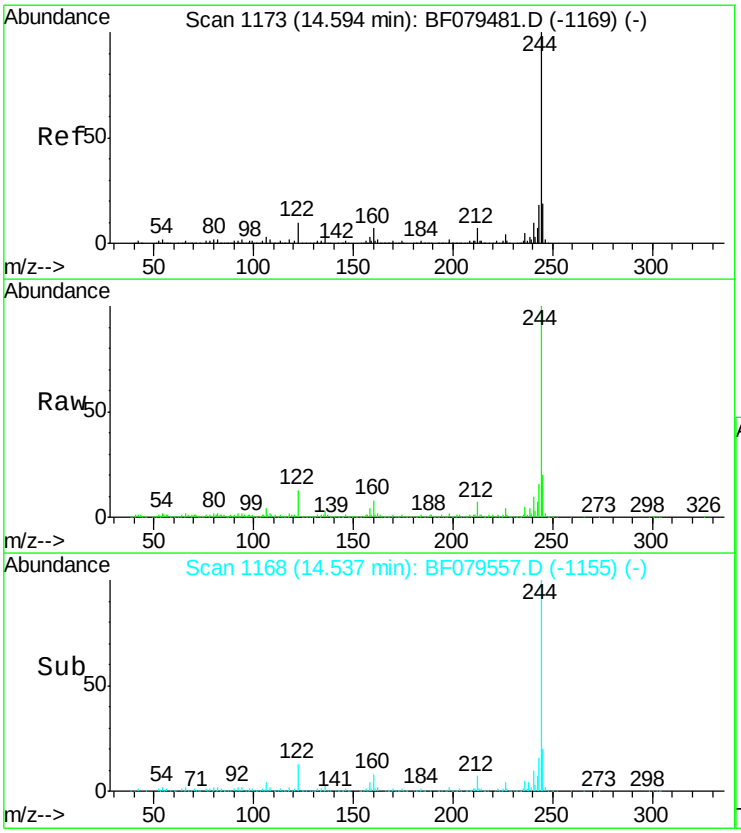
#77
Pyrene
Concen: 52.12 ng
RT: 14.32 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:202 Resp: 964918

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.5	26.3
203	21.7	14.4	21.6#

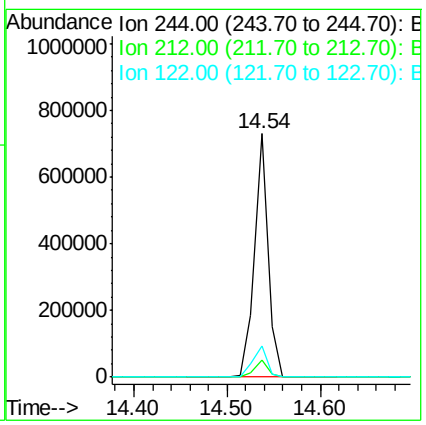


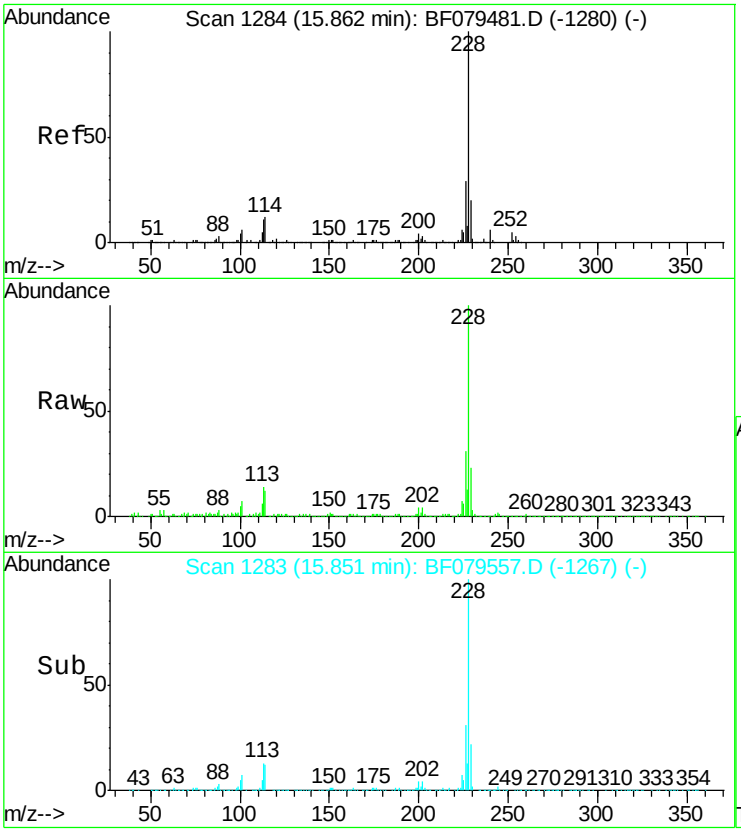


#78
Terphenyl-d14
Concen: 58.09 ng
RT: 14.54 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:244 Resp: 739689

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	12.8	8.0	12.0#



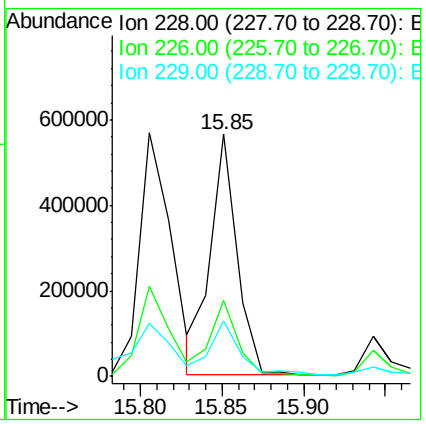


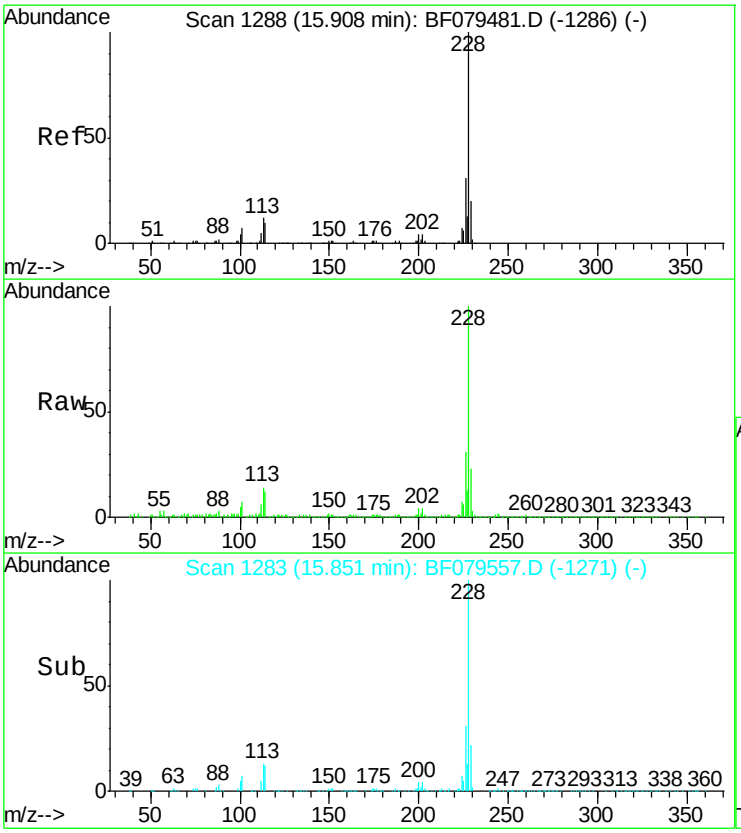
#80
Benzo(a)anthracene
Concen: 37.24 ng
RT: 15.85 min Scan# 1283
Delta R.T. 0.02 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:228 Resp: 640178

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.8	34.2
229	22.7	15.9	23.9

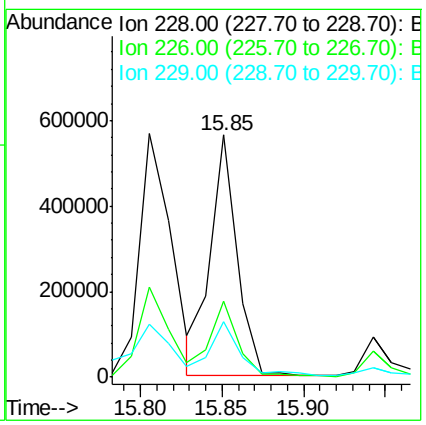


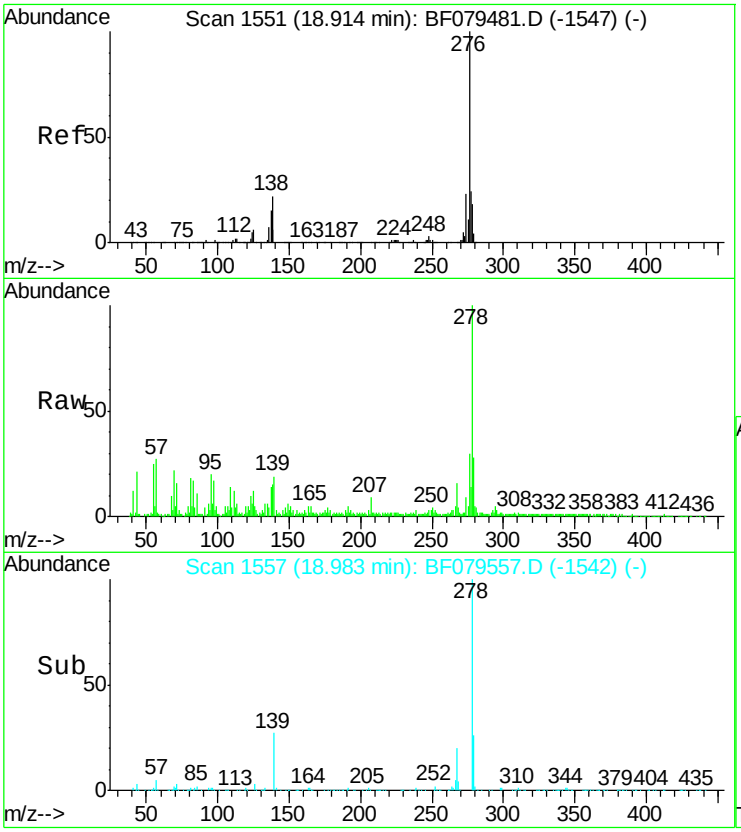


#82
Chrysene
Concen: 39.06 ng
RT: 15.85 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:228 Resp: 638118

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.4
229	22.7	15.9	23.9



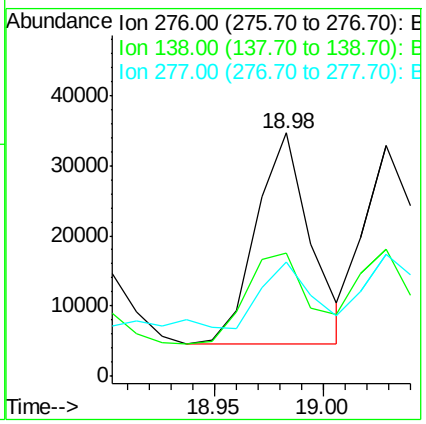


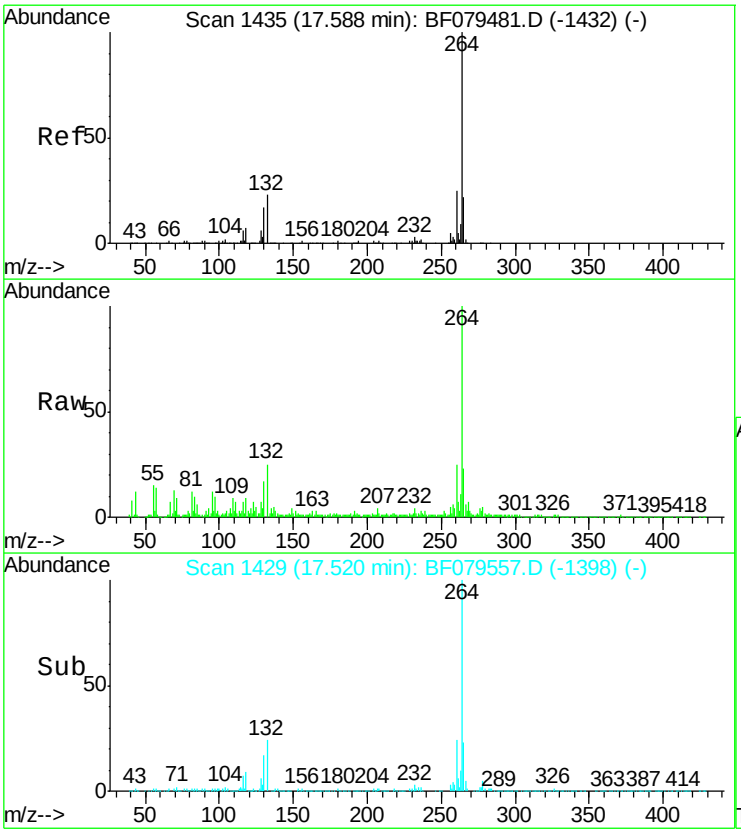
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.47 ng
RT: 18.98 min Scan# 1557
Delta R.T. -0.03 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:276 Resp: 51932

Ion	Ratio	Lower	Upper
276	100		
138	51.7	21.4	32.2#
277	39.5	19.8	29.6#

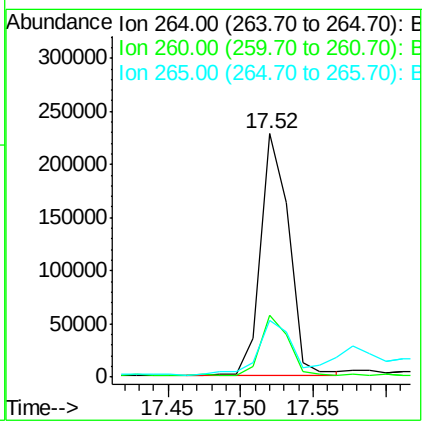


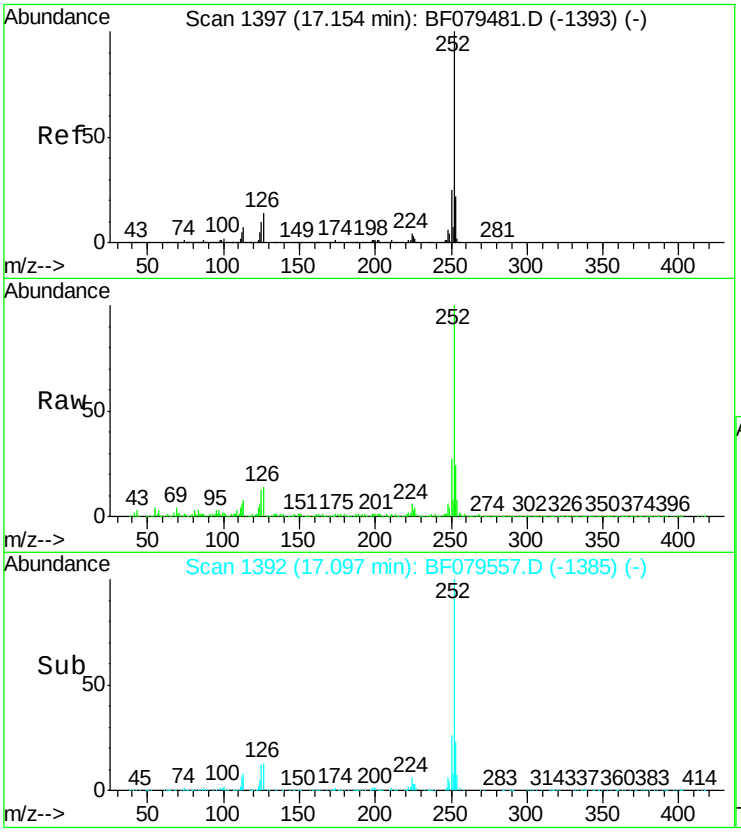


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.52 min Scan# 1429
Delta R.T. -0.15 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:264 Resp: 307925

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	23.5	17.8	26.6



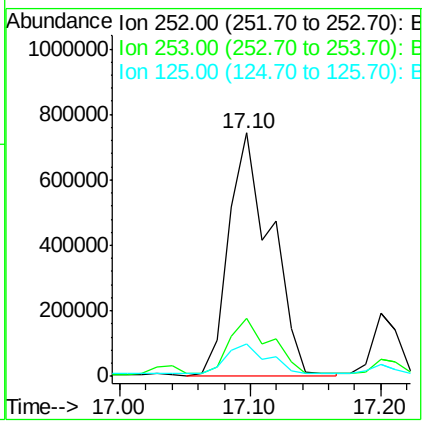


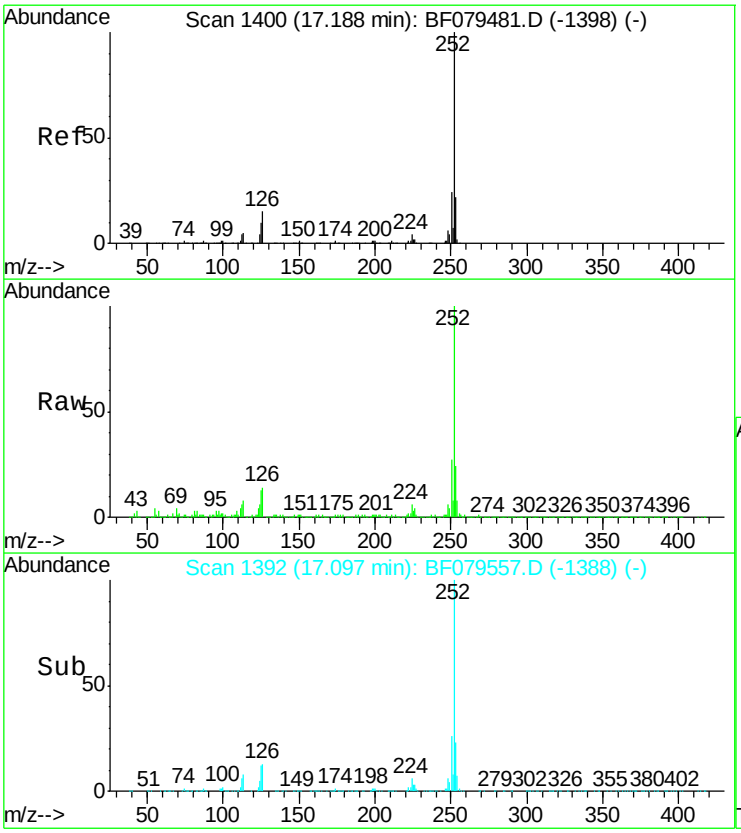
#87
Benzo(b)fluoranthene
Concen: 94.46 ng
RT: 17.10 min Scan# 1392
Delta R.T. -0.10 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:252 Resp: 1658919

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	13.2	7.8	11.6#

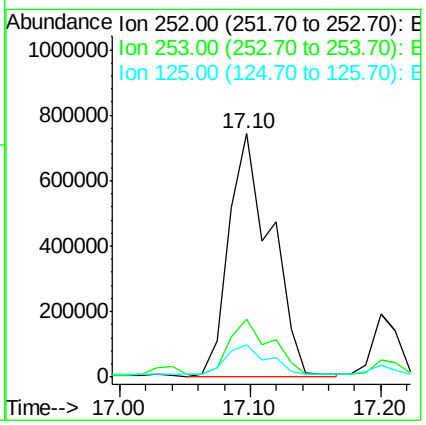


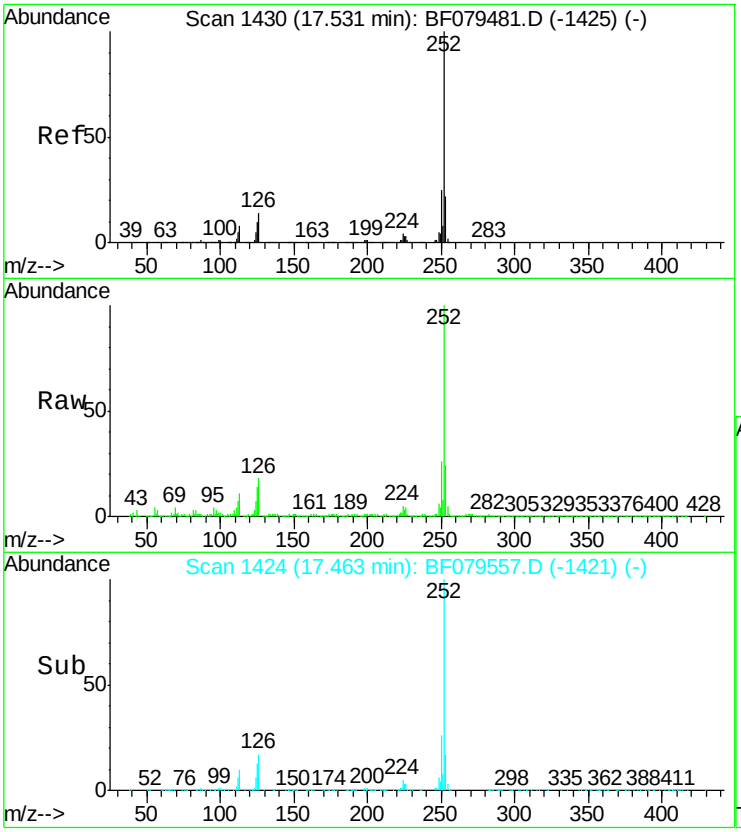


#88
Benzo(k)fluoranthene
Concen: 105.63 ng
RT: 17.10 min Scan# 1392
Delta R.T. -0.14 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:252 Resp: 1658919

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	13.2	6.8	10.2#



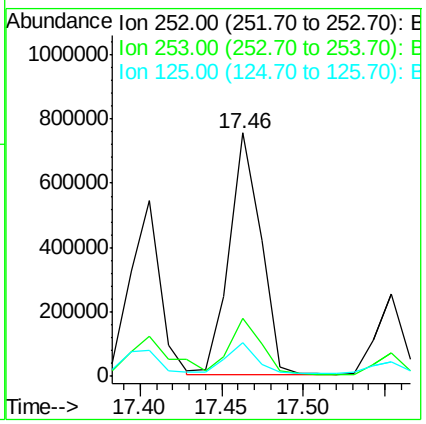


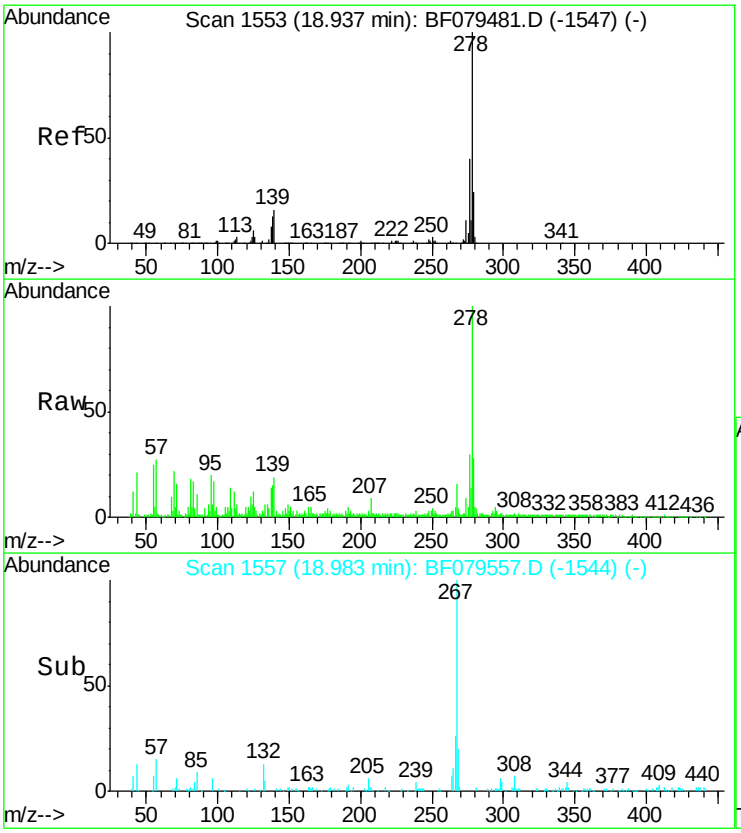
#89
Benzo(a)pyrene
Concen: 66.00 ng
RT: 17.46 min Scan# 1424
Delta R.T. -0.15 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:252 Resp: 1002607

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	14.0	7.9	11.9#

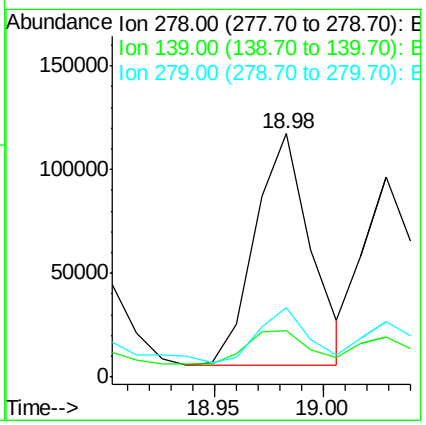


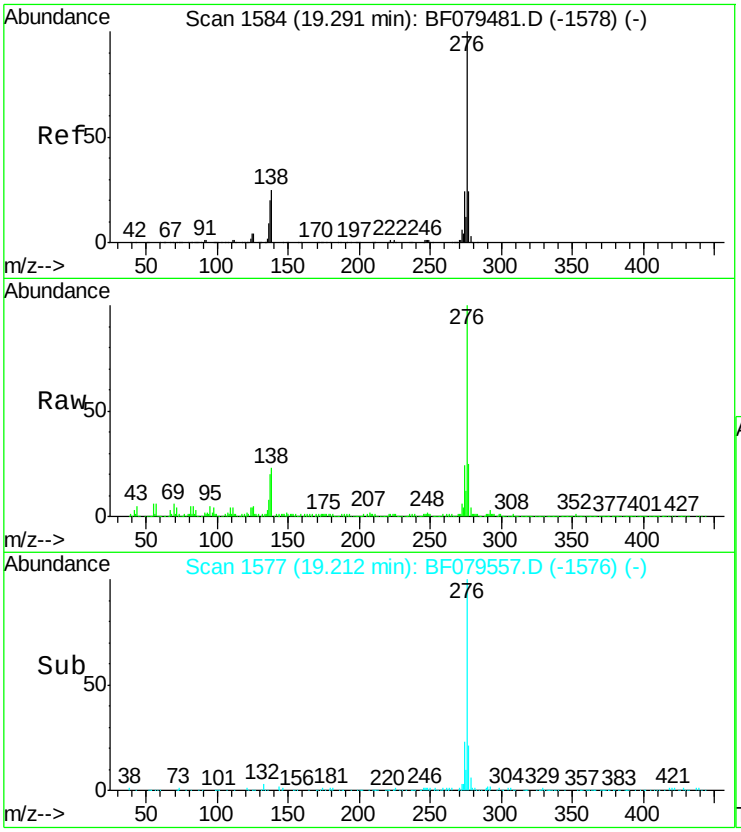


#90
Dibenzo(a,h)anthracene
Concen: 11.26 ng
RT: 18.98 min Scan# 1557
Delta R.T. -0.06 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Tgt Ion:278 Resp: 199806

Ion	Ratio	Lower	Upper
278	100		
139	19.0	12.8	19.2
279	28.3	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 51.31 ng
RT: 19.21 min Scan# 1577
Delta R.T. -0.19 min
Lab File: BF079557.D
Acq: 28 May 2015 21:27

Instrument :
BNA_G
ClientSampleId :
HY-SB407A(3-3.5)

Tgt Ion:276 Resp: 830567

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.1	28.7
138	23.2	20.1	30.1