Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
Data File : BF078391.D
Acq On : 10 Apr 2015 8:45
Operator : TP/IZ
Sample : G1793-07DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5DDL2

Quant Time: Apr 10 08:31:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	33729	20.00	ng		0.00
21) Naphthalene-d8	8.46	136	144747	20.00	ng		0.00
38) Acenaphthene-d10	10.62	164	74193	20.00	ng		-0.01
63) Phenanthrene-d10	12.45	188	139475	20.00	ng		-0.01
75) Chrysene-d12	15.72	240	136376	20.00	ng		-0.02
86) Perylene-d12	17.48	264	139553	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	3149	1.54	ng		-0.01
7) Phenol-d6	6.50	99	4564	1.78	ng		0.02
23) Nitrobenzene-d5	7.58	82	1835	0.77	ng		0.00
41) 2,4,6-Tribromophenol	11.61	330	589	0.96	ng		-0.01
44) 2-Fluorobiphenyl	9.81	172	5936	1.14	ng		0.00
78) Terphenyl-d14	14.44	244	6682	1.11	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.49	128	536138	71.16	ng		99
37) 2-Methylnaphthalene	9.34	142	97921	19.14	ng		97
45) 1,1'-Biphenyl	9.93	154	37679	6.21	ng		96
48) Acenaphthylene	10.45	152	35478	4.60	ng	#	96
51) Acenaphthene	10.66	154	59601	13.73	ng		98
55) 4-Nitrophenol	10.88	139	4837	7.63	ng	#	23
57) Fluorene	11.30	166	59069	10.99	ng		99
70) Phenanthrene	12.49	178	269554	33.41	ng		98
71) Anthracene	12.55	178	82040	10.32	ng		99
74) Fluoranthene	13.95	202	105621	12.41	ng		91
77) Pyrene	14.23	202	151227	17.66	ng		100
80) Benzo(a)anthracene	15.76	228	25316	3.12	ng		94
82) Chrysene	15.76	228	33887	4.44	ng		99
87) Benzo(b)fluoranthene	17.04	252	38997	4.52	ng	#	57
88) Benzo(k)fluoranthene	17.04	252	39604	5.17	ng	#	56
89) Benzo(a)pyrene	17.43	252	34685	4.61	ng	#	72

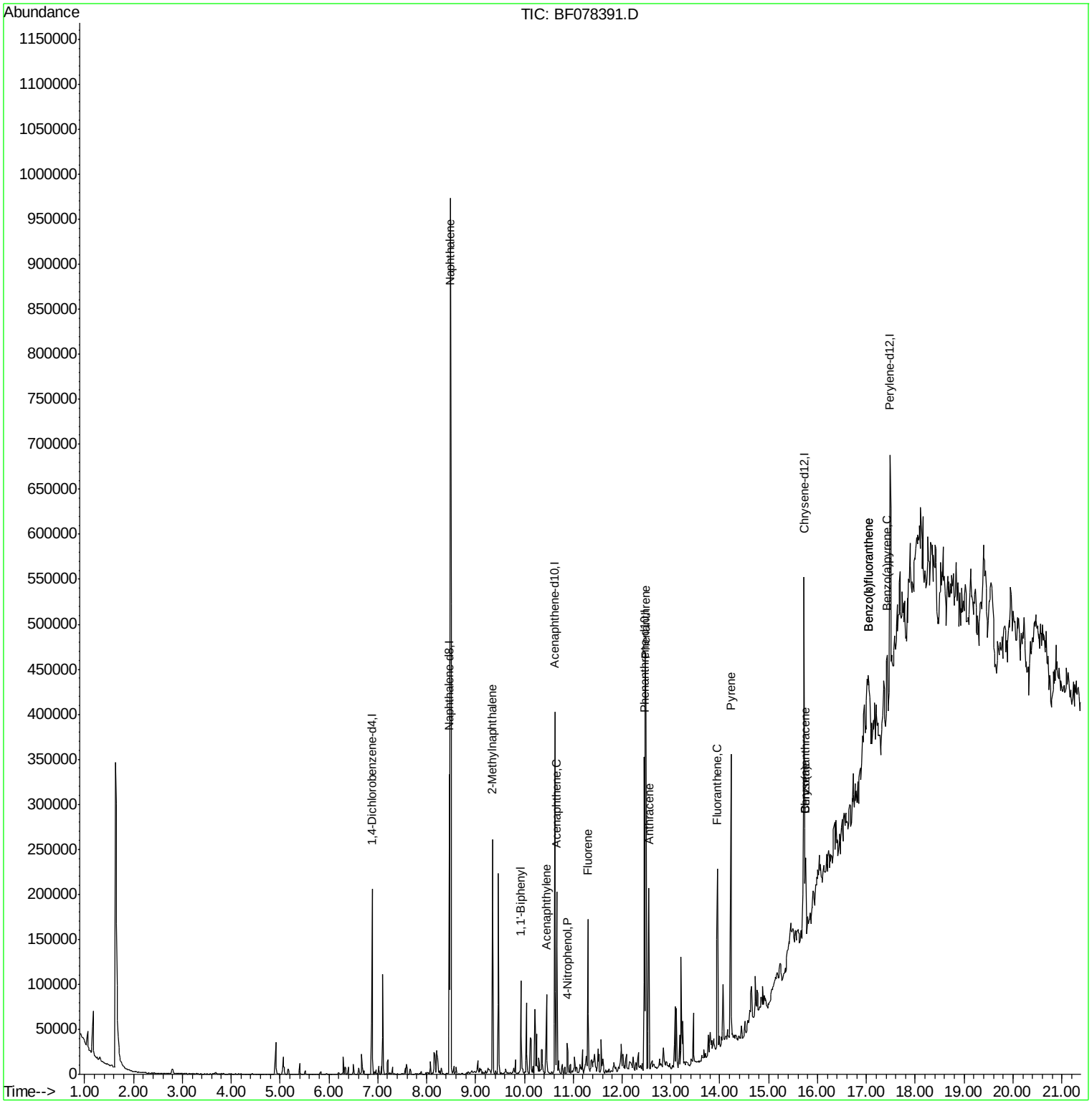
(#) = qualifier out of range (m) = manual integration (+) = signals summed

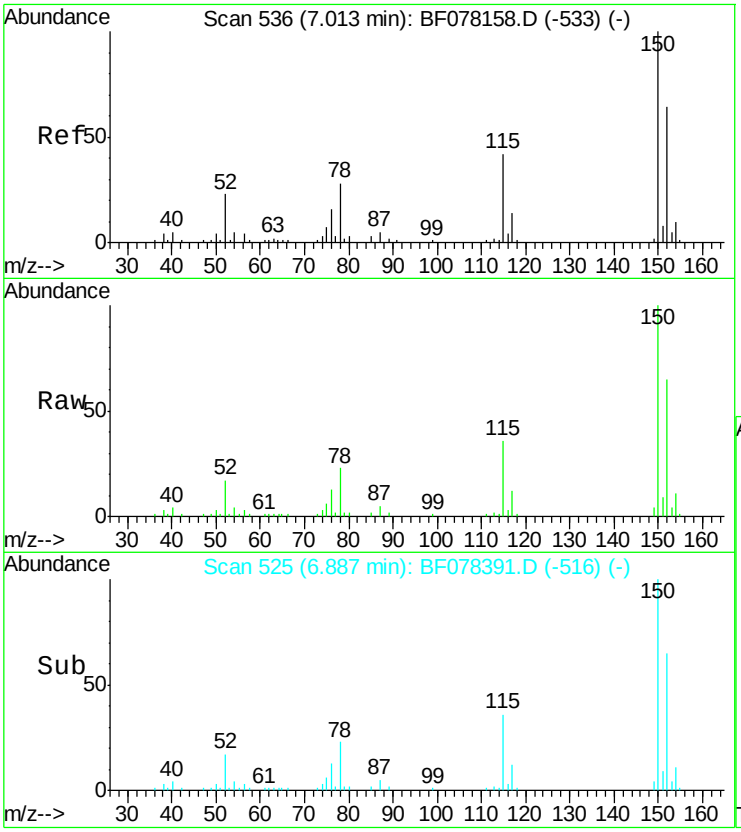
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
Data File : BF078391.D
Acq On : 10 Apr 2015 8:45
Operator : TP/IZ
Sample : G1793-07DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Quant Time: Apr 10 08:31:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration



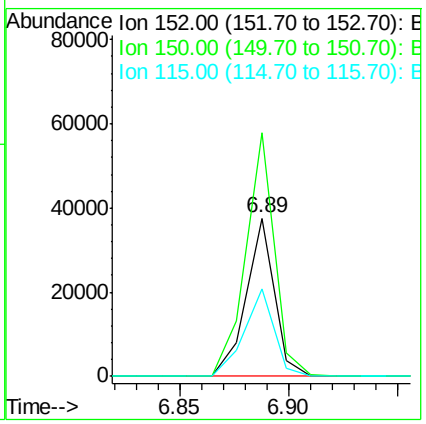


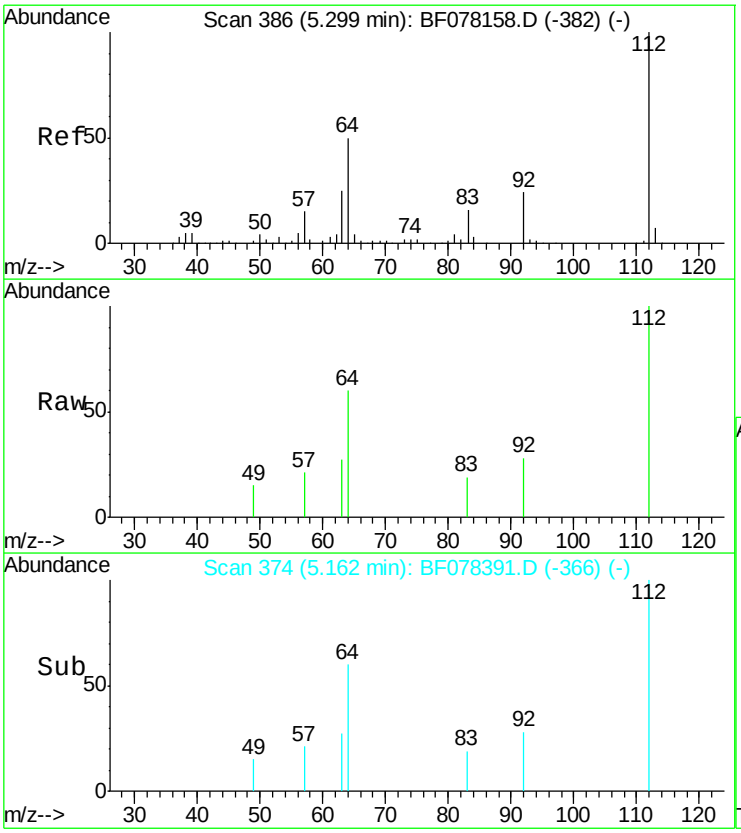
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion:152 Resp: 33729

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.9	188.9
115	55.5	52.7	79.1

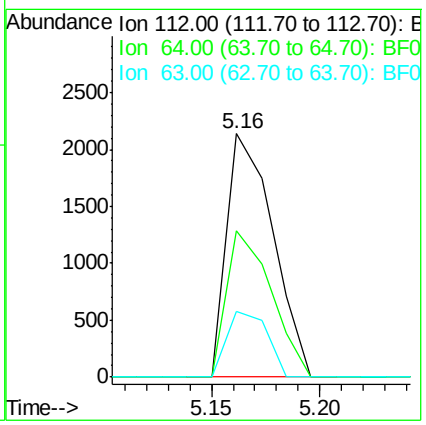


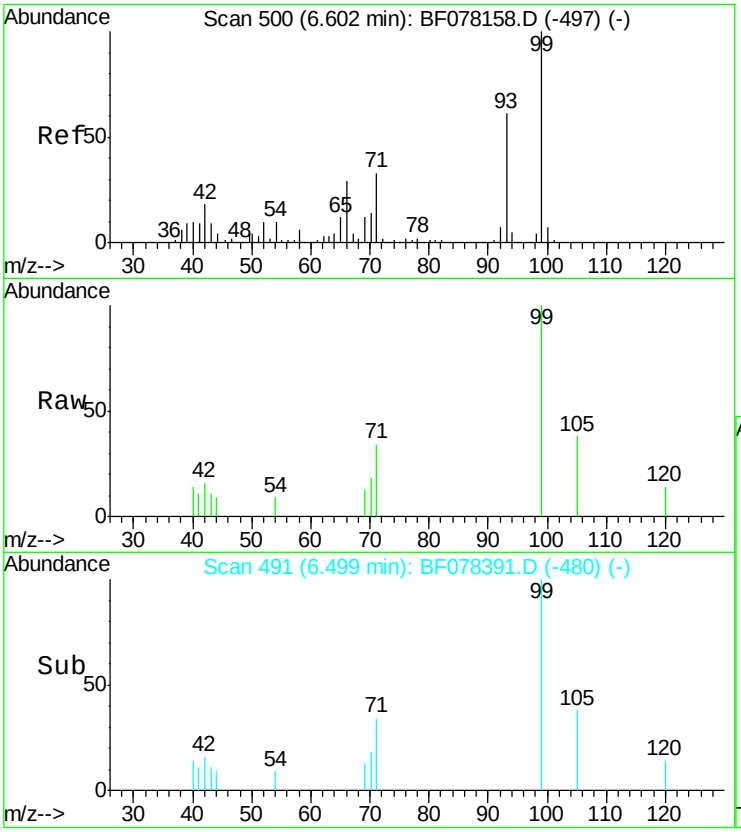


#5
2-Fluorophenol
Concen: 1.54 ng
RT: 5.16 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:112 Resp: 3149

Ion	Ratio	Lower	Upper
112	100		
64	59.9	39.9	59.9#
63	27.2	20.2	30.4



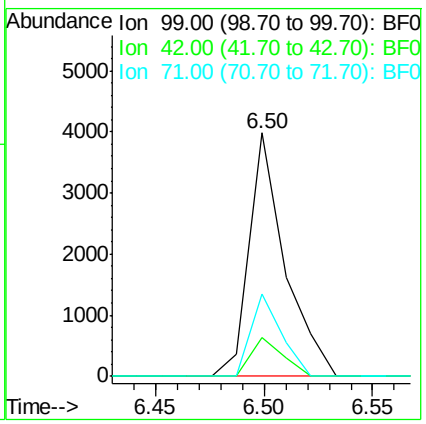


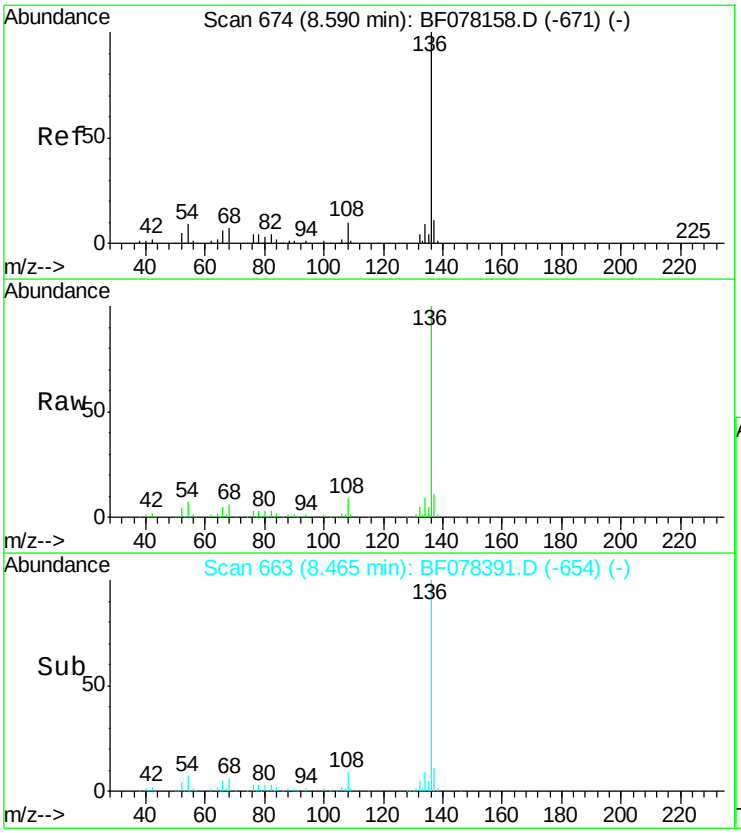
#7
Phenol-d6
Concen: 1.78 ng
RT: 6.50 min Scan# 491
Delta R.T. 0.02 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion: 99 Resp: 4564

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.8	22.2
71	33.6	26.6	39.8

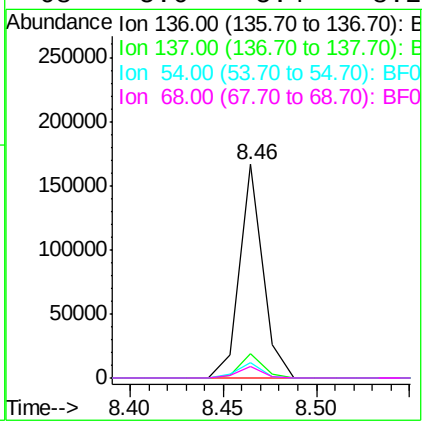


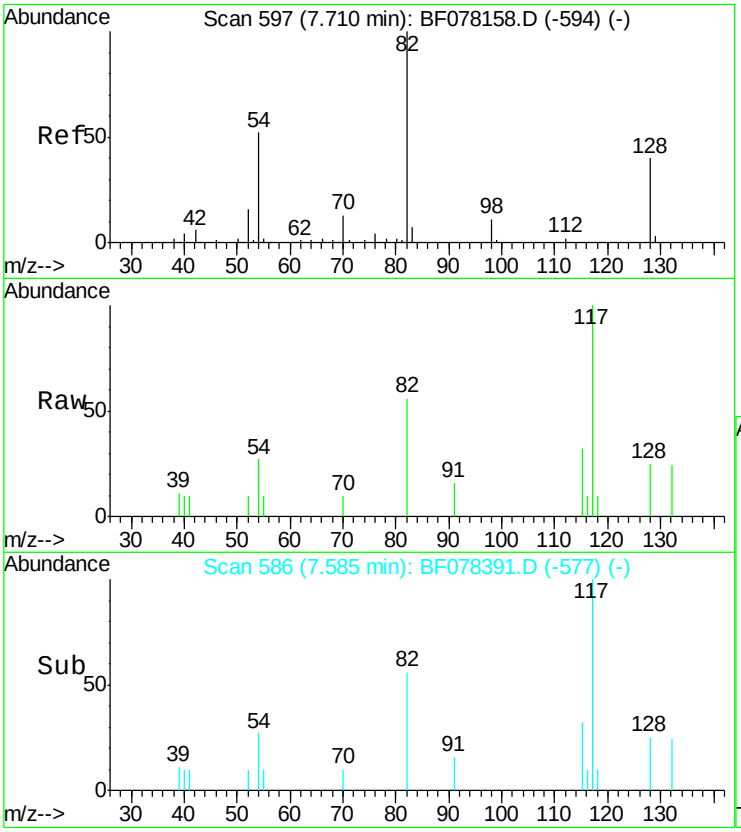


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:136 Resp: 144747

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.2	7.0	10.6
68	5.6	5.4	8.2



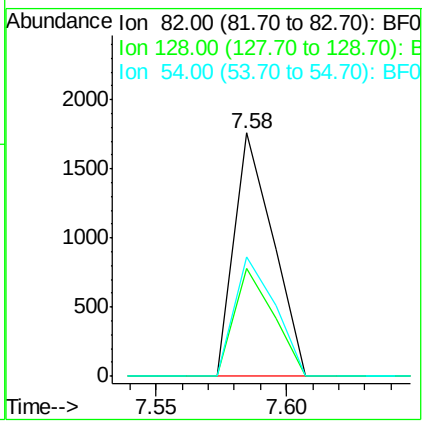


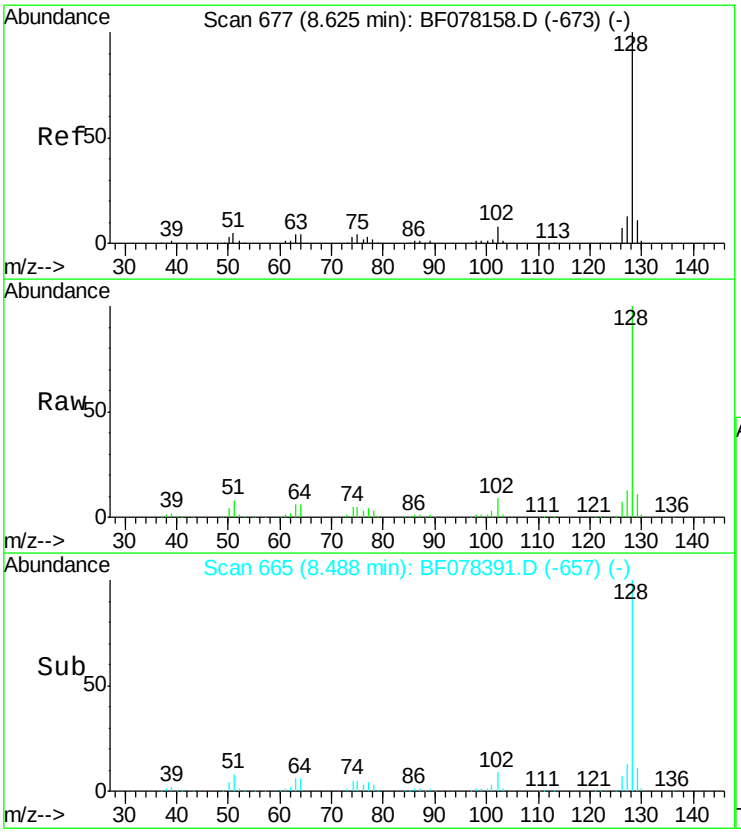
#23
Nitrobenzene-d5
Concen: 0.77 ng
RT: 7.58 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion: 82 Resp: 1835

Ion	Ratio	Lower	Upper
82	100		
128	44.1	31.8	47.8
54	49.0	41.5	62.3

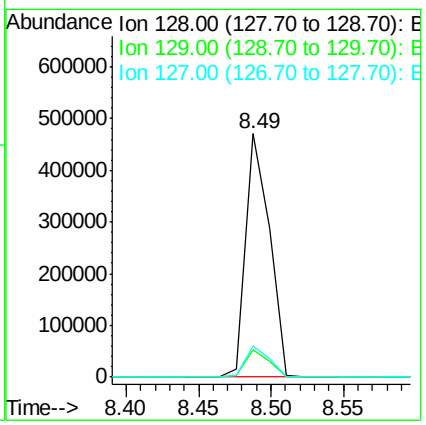


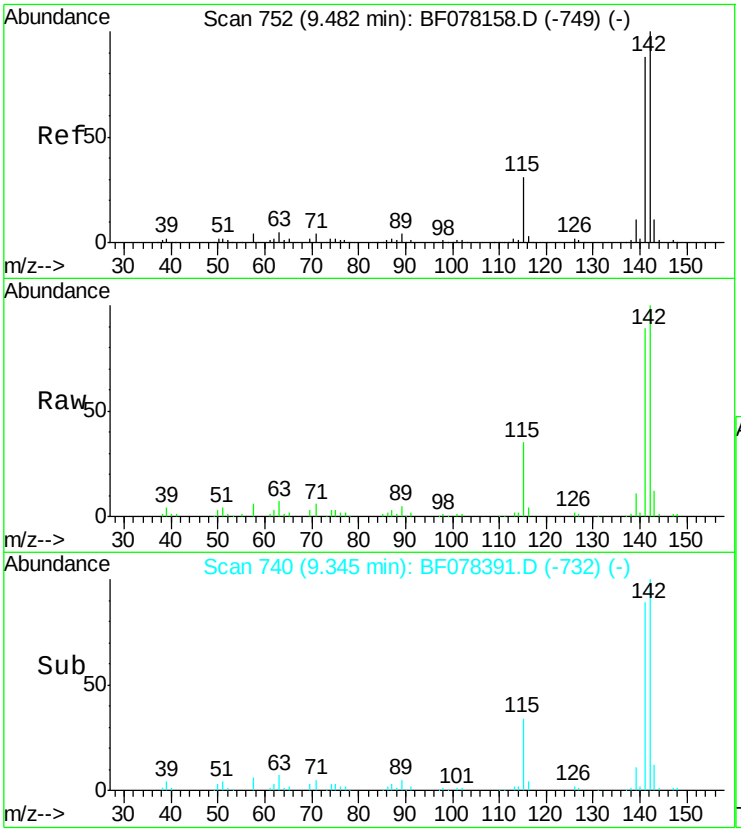


#31
Naphthalene
Concen: 71.16 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:128 Resp: 536138

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.0	10.7	16.1



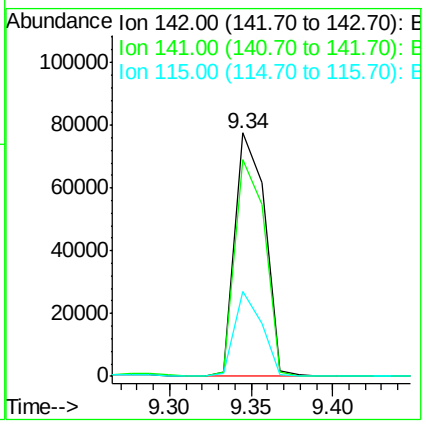


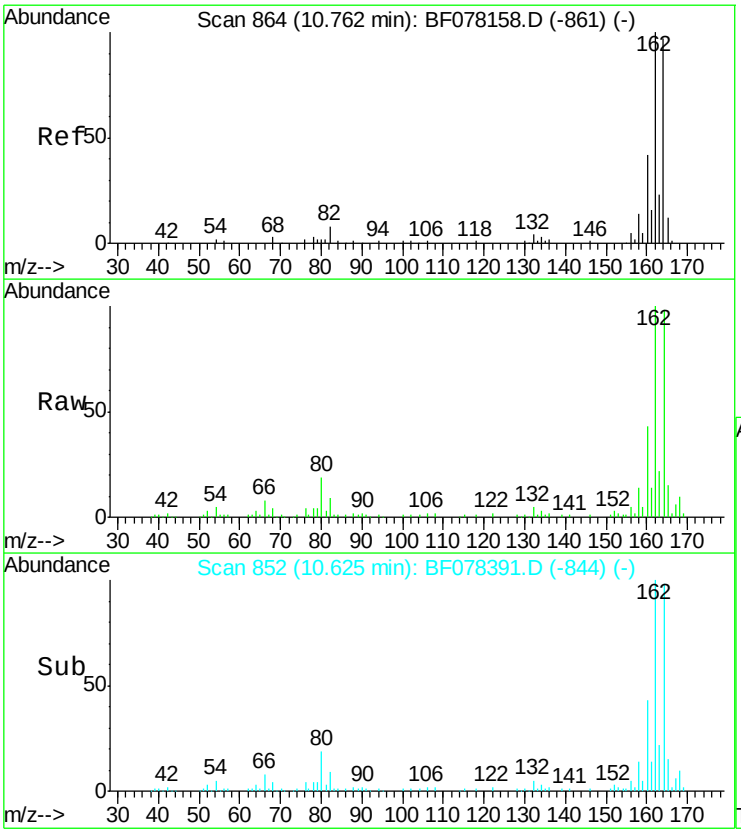
#37
2-Methylnaphthalene
Concen: 19.14 ng
RT: 9.34 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion:142 Resp: 97921

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	34.8	24.6	37.0

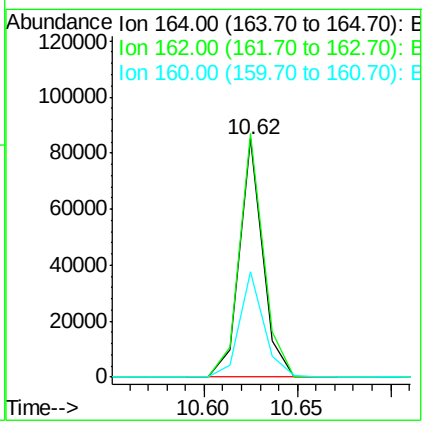


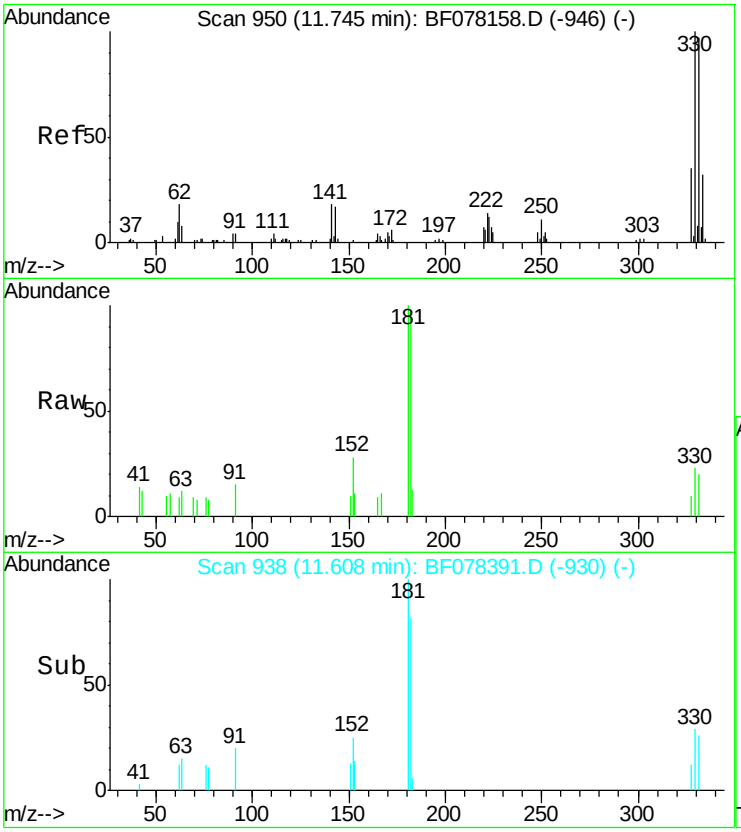


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.62 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:164 Resp: 74193

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.2
160	44.4	34.7	52.1



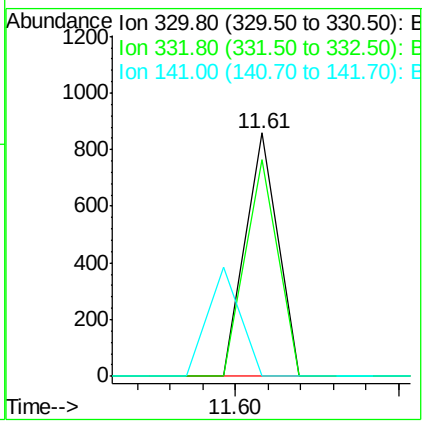


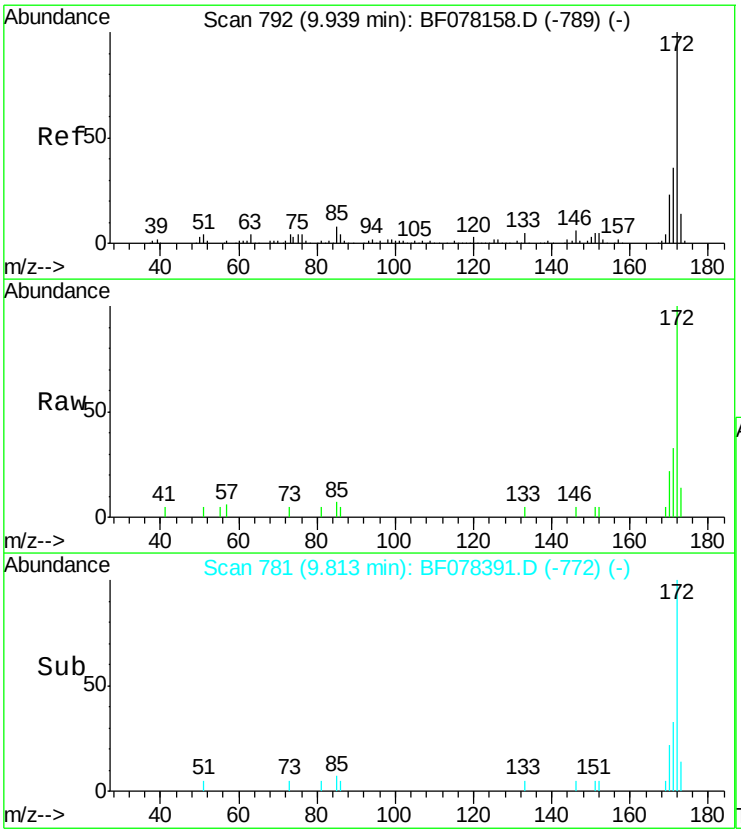
#41
2,4,6-Tribromophenol
Concen: 0.96 ng
RT: 11.61 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion:330 Resp: 589

Ion	Ratio	Lower	Upper
330	100		
332	88.8	78.6	117.8
141	44.8	31.2	46.8

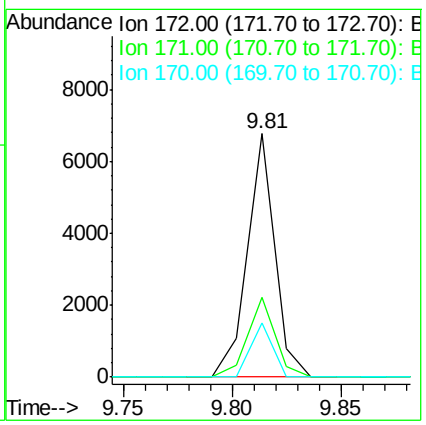


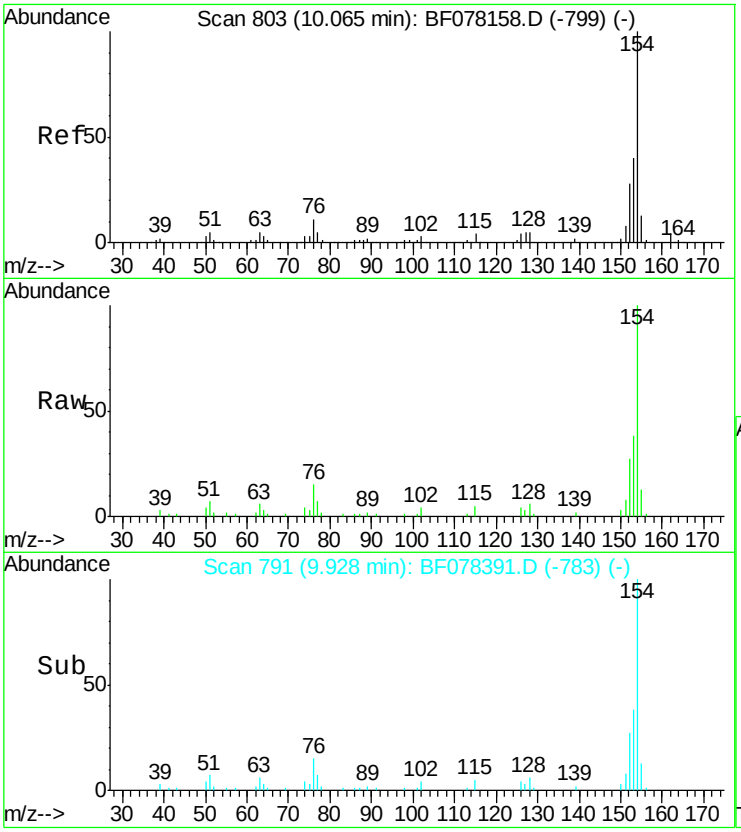


#44
2-Fluorobiphenyl
Concen: 1.14 ng
RT: 9.81 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:172 Resp: 5936

Ion	Ratio	Lower	Upper
172	100		
171	32.8	28.6	42.8
170	22.2	18.5	27.7



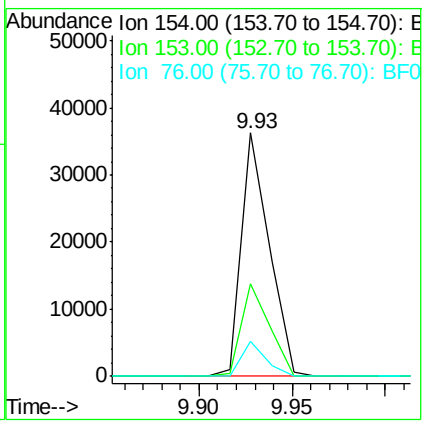


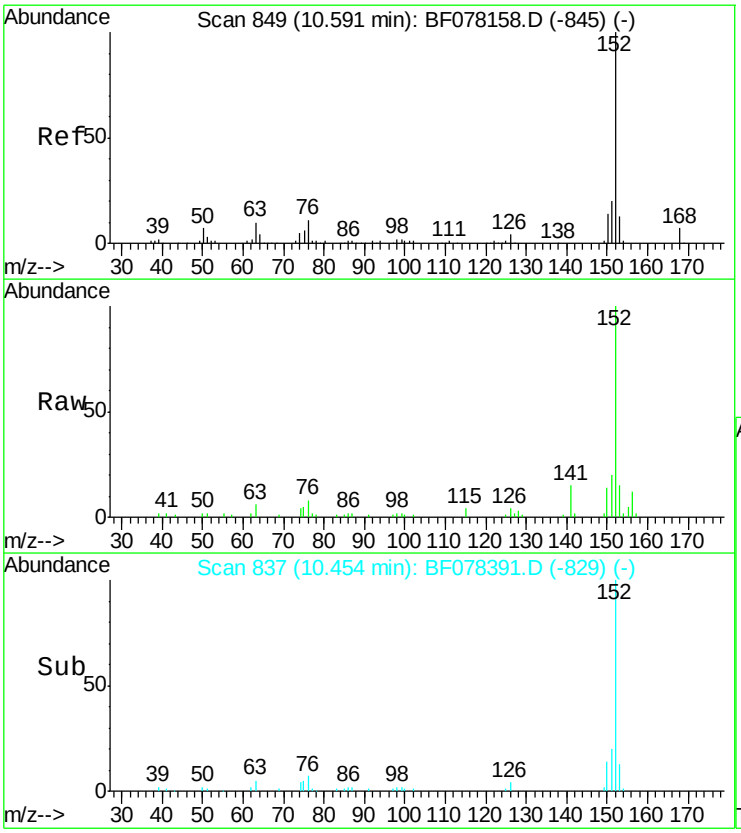
#45
1,1'-Biphenyl
Concen: 6.21 ng
RT: 9.93 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion:154 Resp: 37679

Ion	Ratio	Lower	Upper
154	100		
153	38.2	20.0	60.0
76	14.5	0.0	30.6

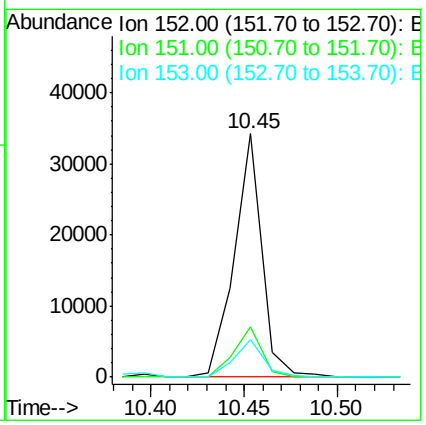


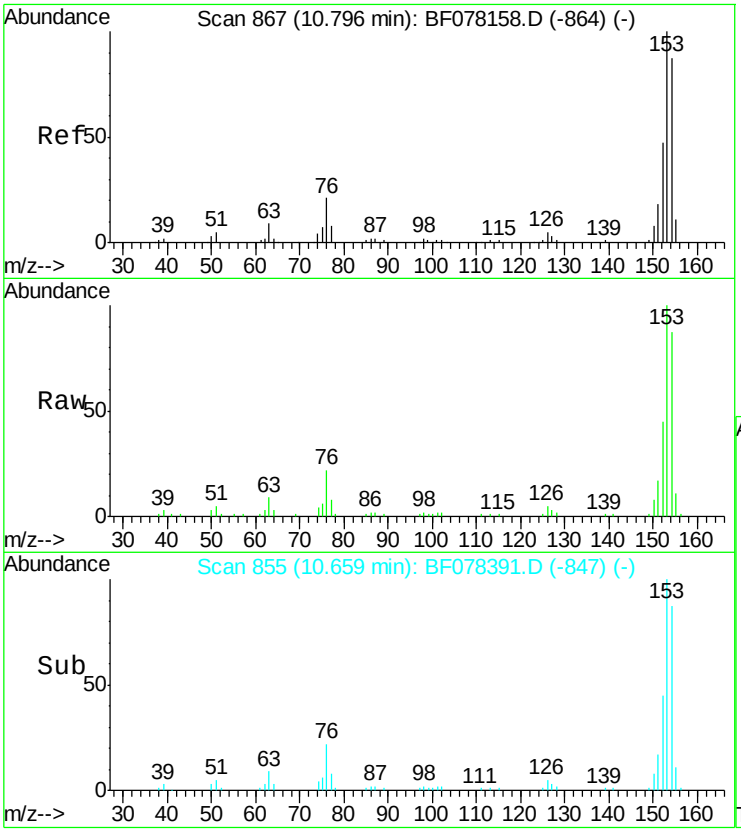


#48
Acenaphthylene
Concen: 4.60 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:152 Resp: 35478

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	15.3	10.2	15.2#



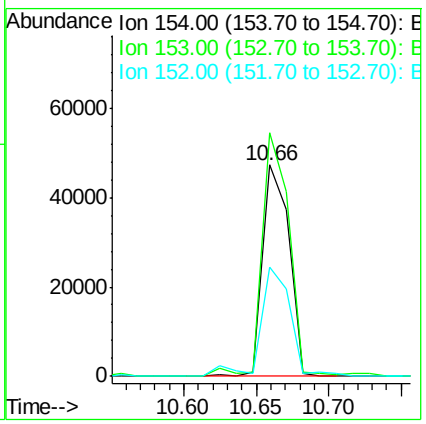


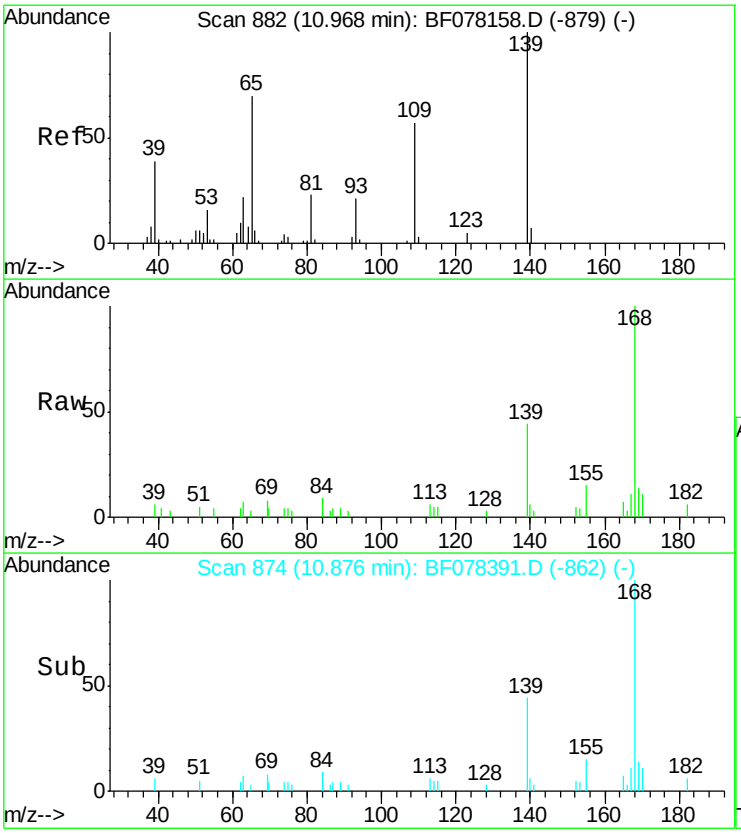
#51
Acenaphthene
Concen: 13.73 ng
RT: 10.66 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion:154 Resp: 59601

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.4	137.2
152	51.4	43.0	64.6

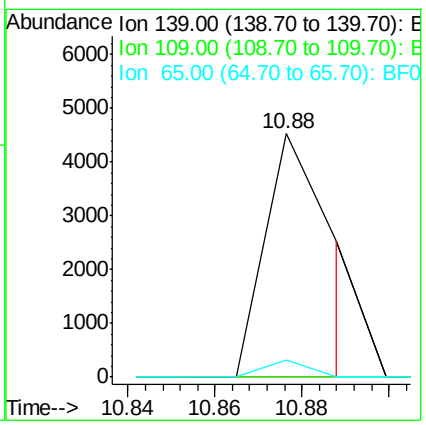


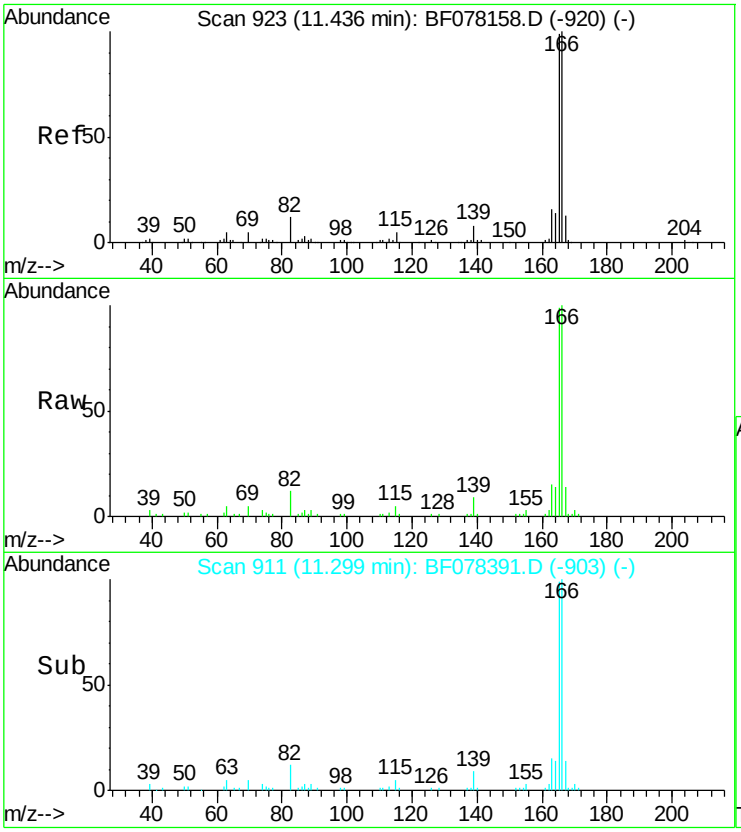


#55
4-Nitrophenol
Concen: 7.63 ng
RT: 10.88 min Scan# 874
Delta R.T. 0.04 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:139 Resp: 4837

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	7.0	49.9	89.9#



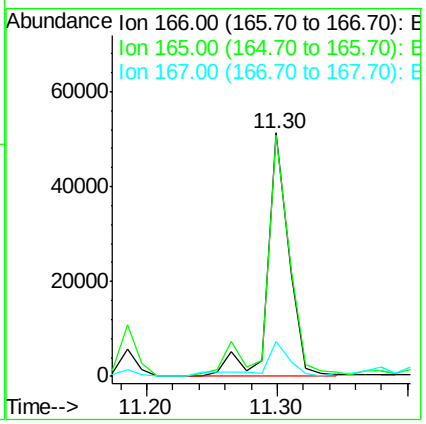


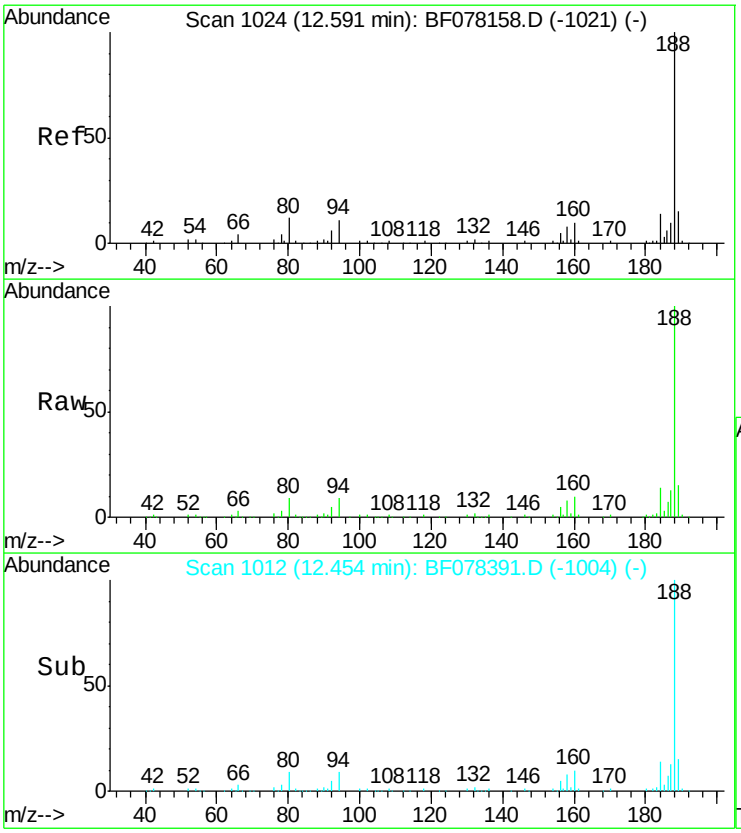
#57
Fluorene
Concen: 10.99 ng
RT: 11.30 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion:166 Resp: 59069

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.9	118.3
167	14.1	10.7	16.1

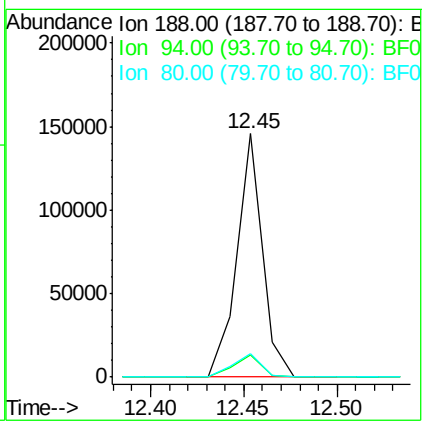


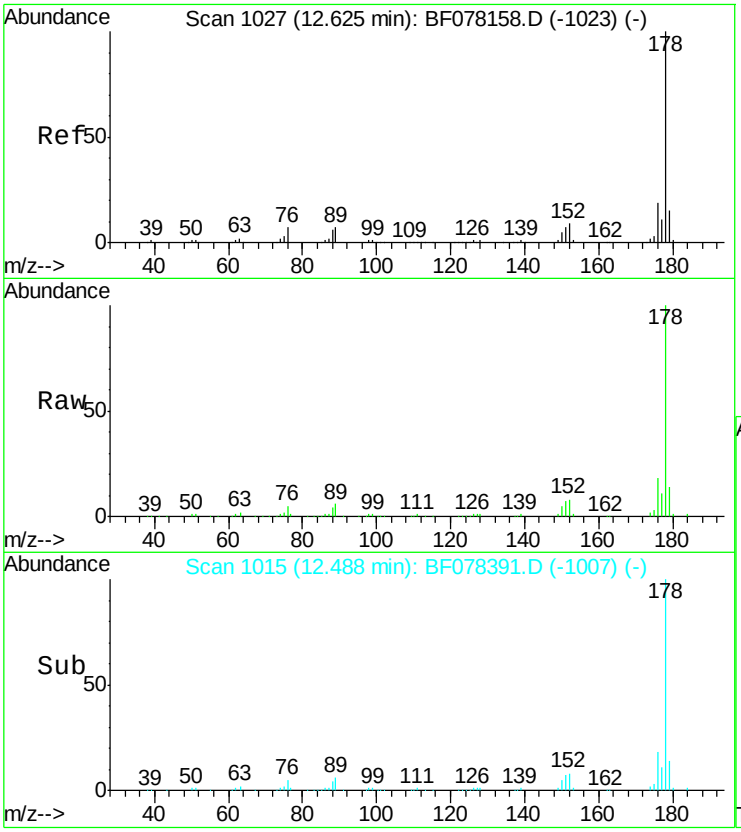


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.45 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:188 Resp: 139475

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.4	9.5	14.3#



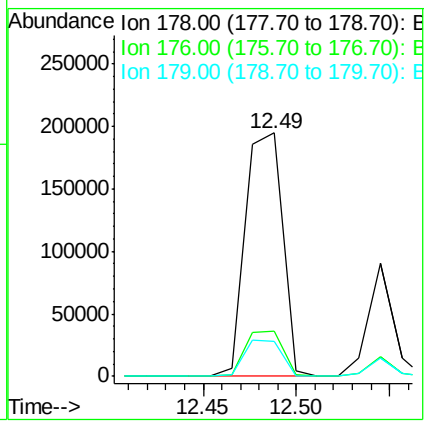


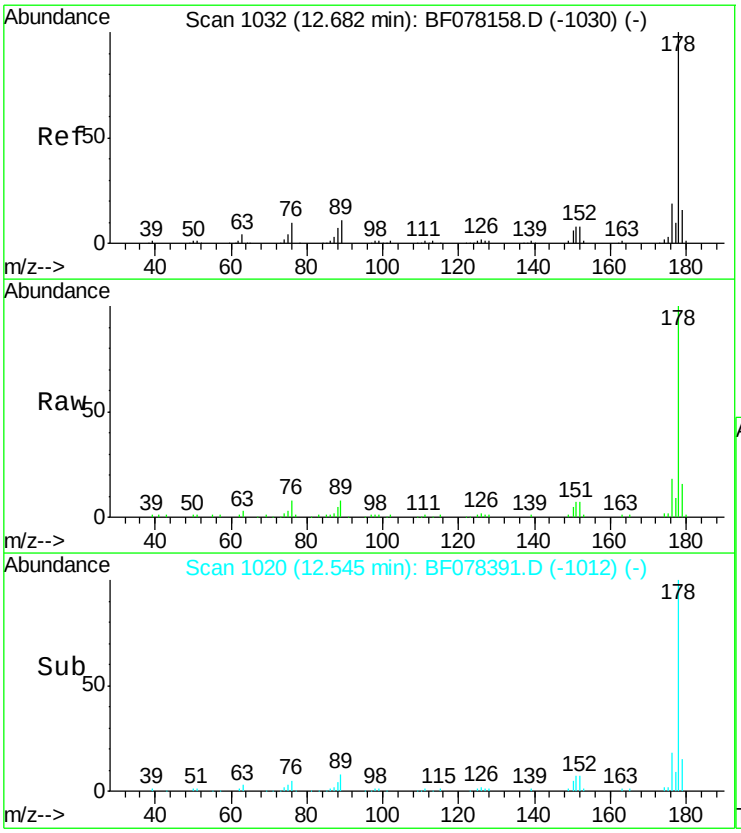
#70
Phenanthrene
Concen: 33.41 ng
RT: 12.49 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion:178 Resp: 269554

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	14.4	12.2	18.2

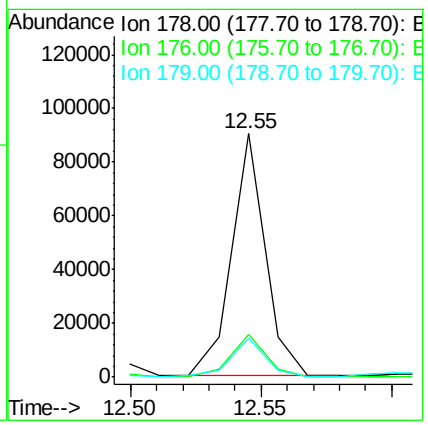


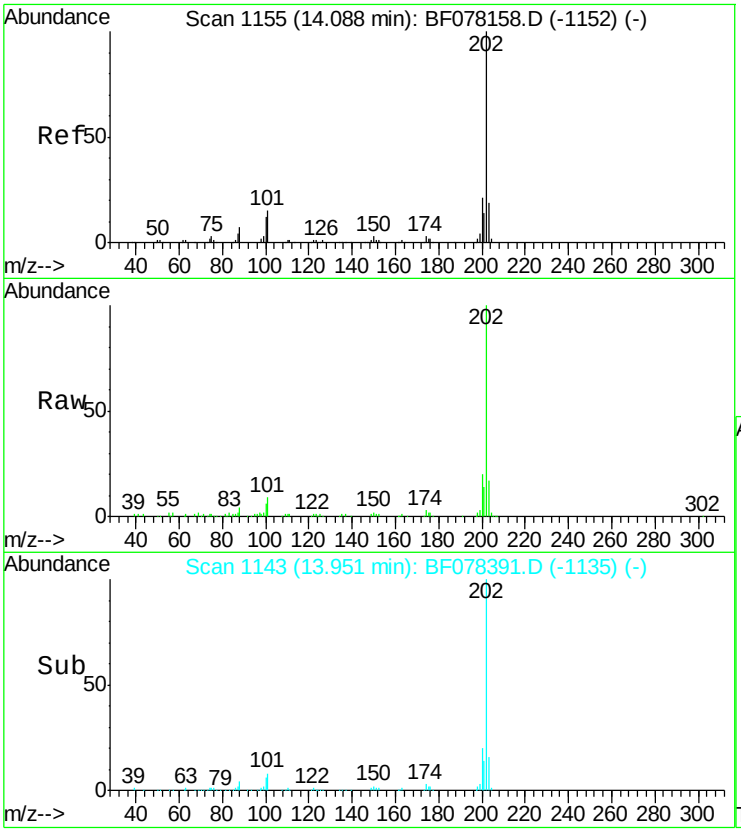


#71
Anthracene
Concen: 10.32 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:178 Resp: 82040

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.8	22.2
179	15.7	12.4	18.6



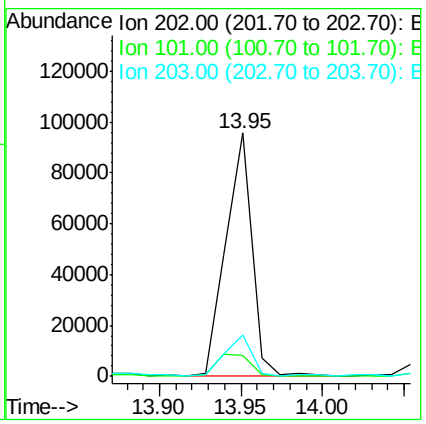


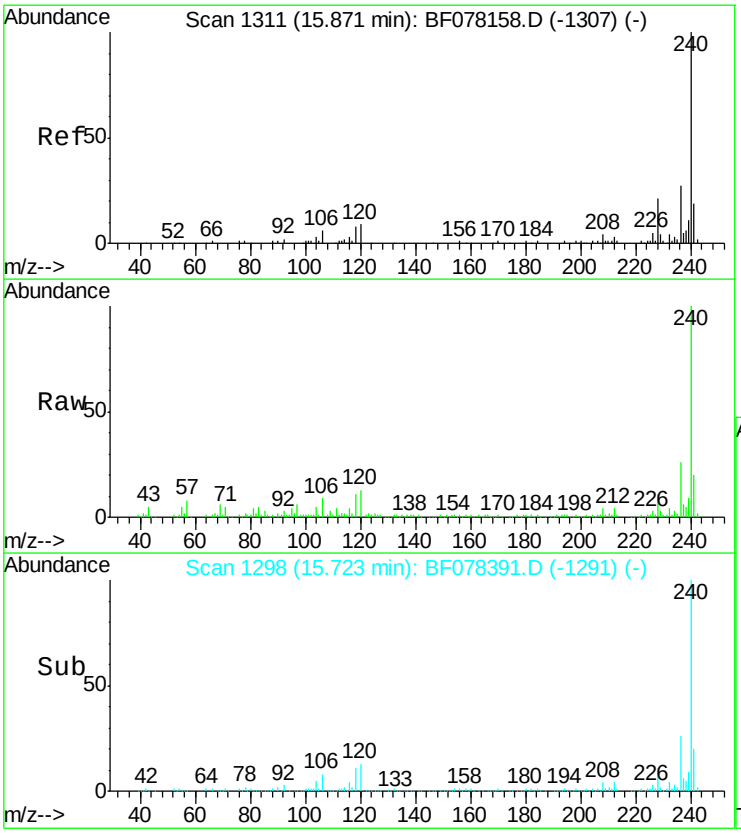
#74
Fluoranthene
Concen: 12.41 ng
RT: 13.95 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion:202 Resp: 105621

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	35.2
203	17.0	0.0	38.5

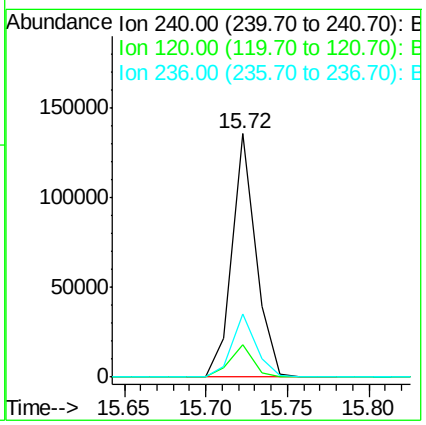


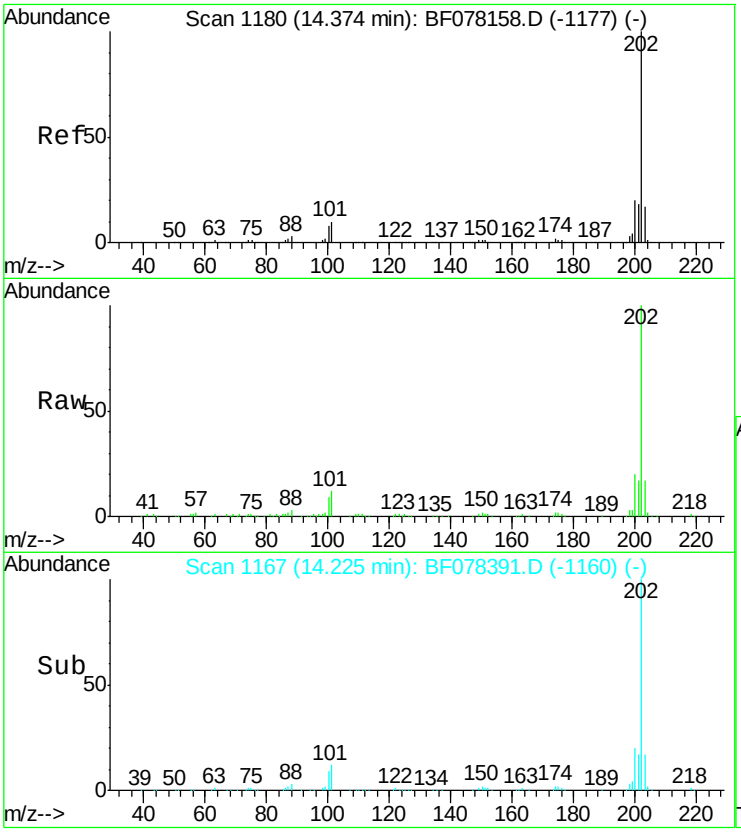


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:240 Resp: 136376

Ion	Ratio	Lower	Upper
240	100		
120	13.1	7.1	10.7#
236	25.8	21.4	32.2



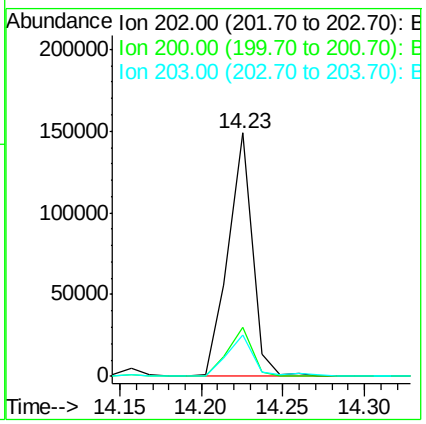


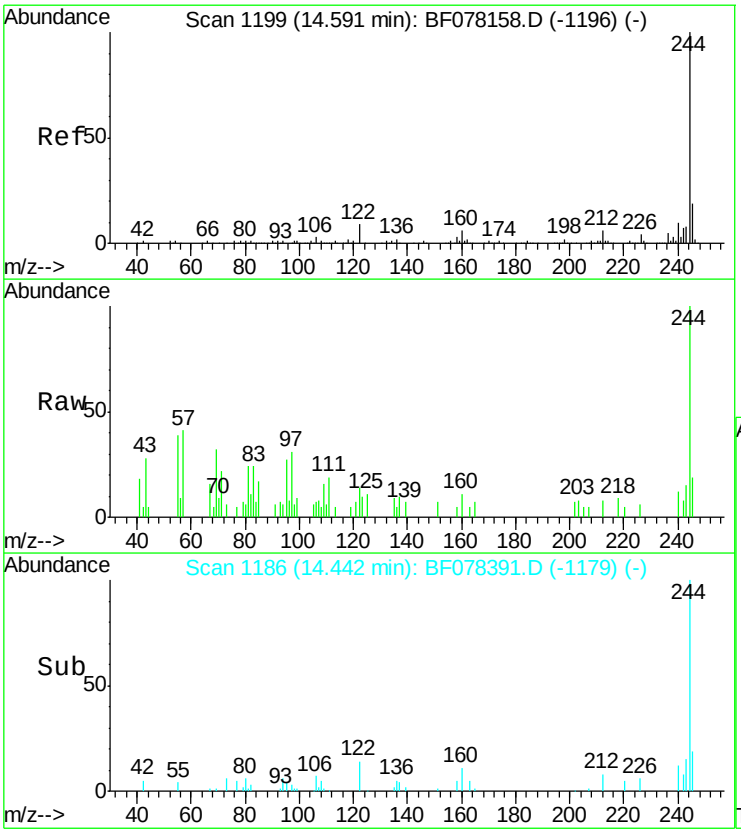
#77
Pyrene
Concen: 17.66 ng
RT: 14.23 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion:202 Resp: 151227

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.2	13.8	20.6

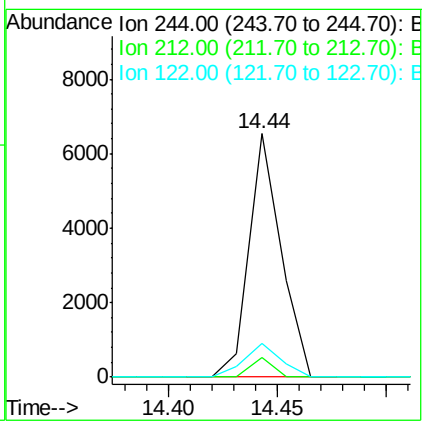


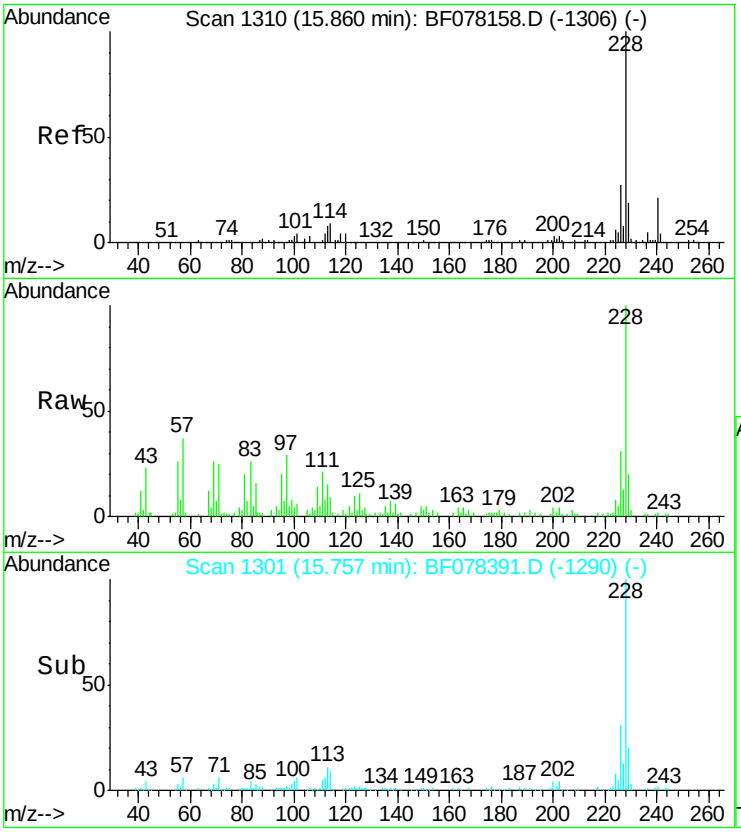


#78
Terphenyl-d14
Concen: 1.11 ng
RT: 14.44 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:244 Resp: 6682

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.0	7.4#
122	14.0	7.1	10.7#



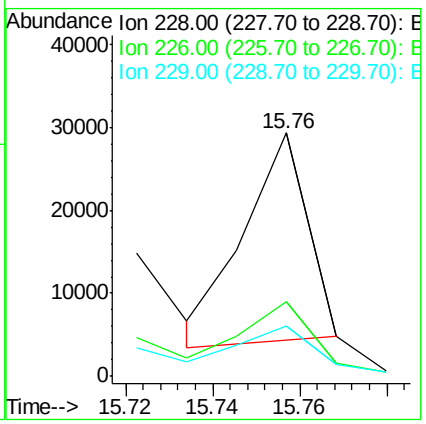


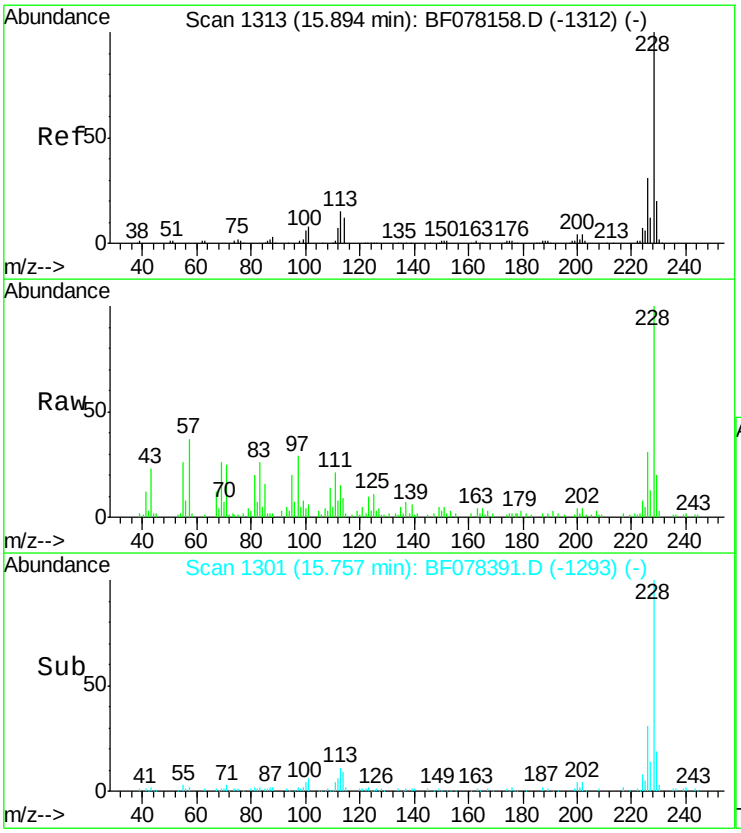
#80
Benzo(a)anthracene
Concen: 3.12 ng
RT: 15.76 min Scan# 1301
Delta R.T. 0.02 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion:228 Resp: 25316

Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.3	31.9
229	20.4	15.4	23.2

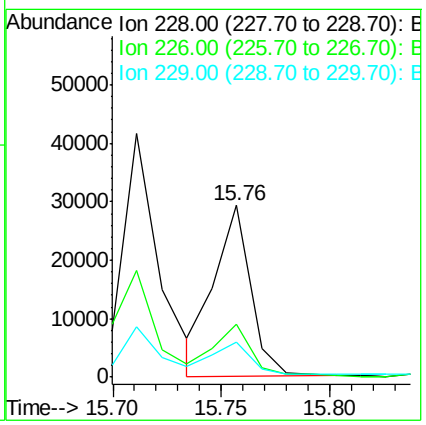


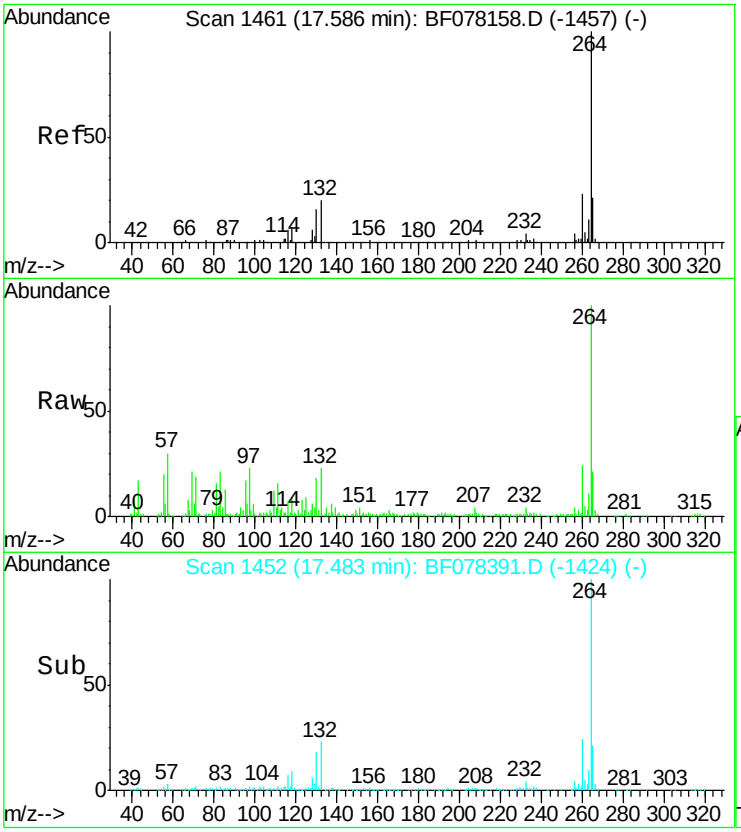


#82
Chrysene
Concen: 4.44 ng
RT: 15.76 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:228 Resp: 33887

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	20.4	15.8	23.8



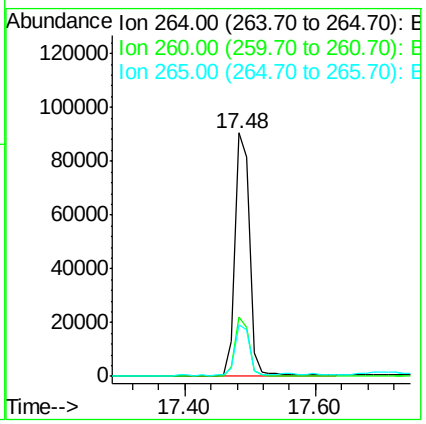


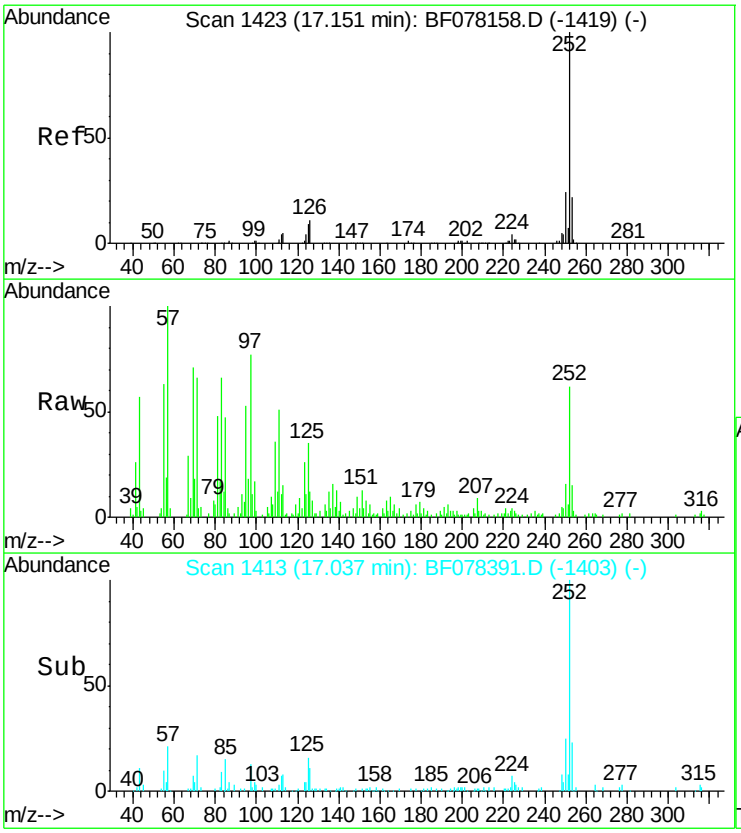
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.48 min Scan# 1452
Delta R.T. 0.02 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion:264 Resp: 139553

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.0	17.0	25.6

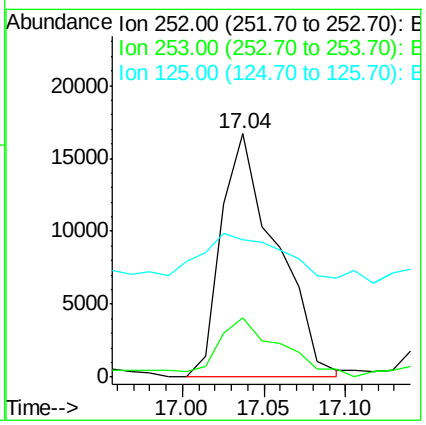


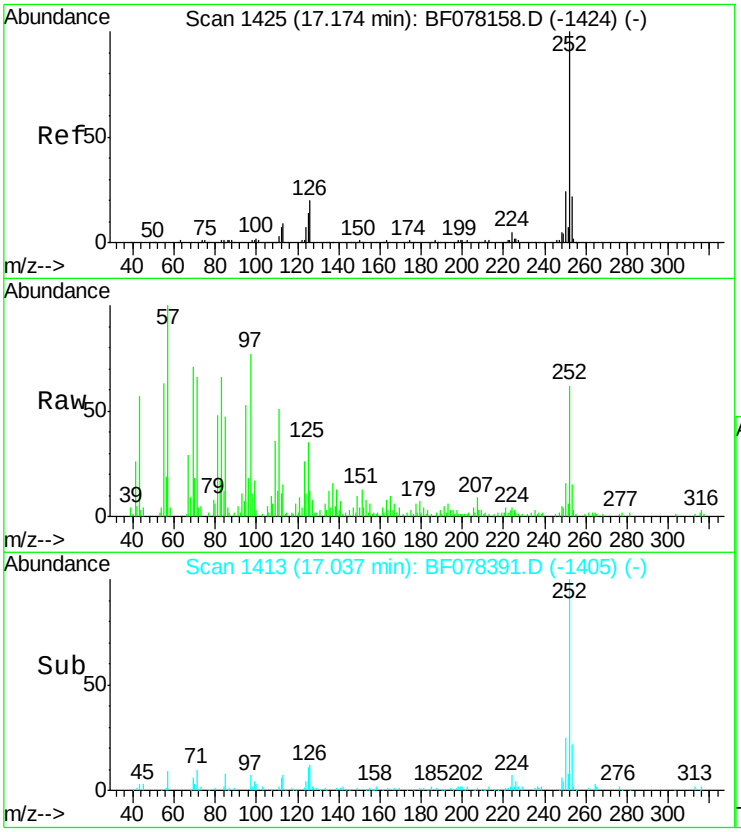


#87
Benzo(b)fluoranthene
Concen: 4.52 ng
RT: 17.04 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:252 Resp: 38997

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	56.5	7.0	10.4#



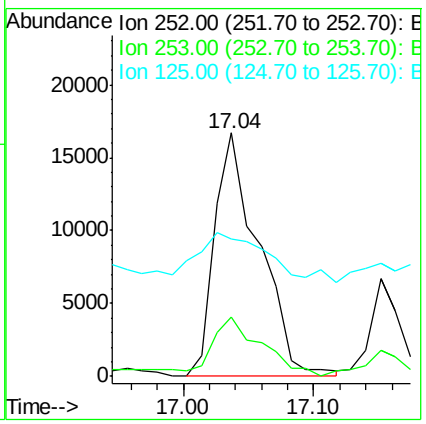


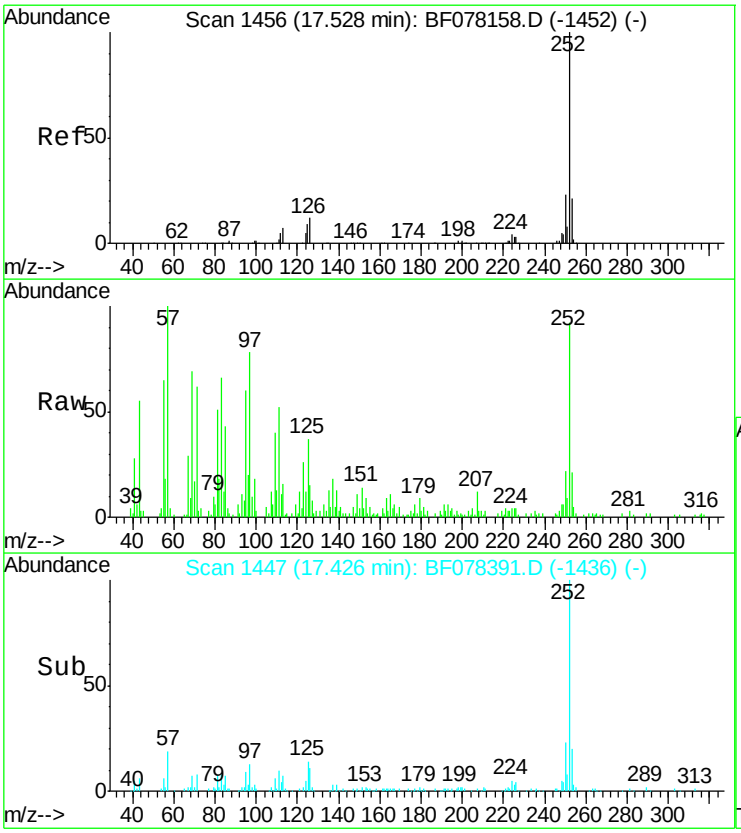
#88
Benzo(k)fluoranthene
Concen: 5.17 ng
RT: 17.04 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Instrument :
BNA_F
ClientSampleId :
SB-5DDL2

Tgt Ion:252 Resp: 39604

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	56.5	11.6	17.4#





#89
Benzo(a)pyrene
Concen: 4.61 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.02 min
Lab File: BF078391.D
Acq: 10 Apr 2015 8:45

Tgt Ion:252 Resp: 34685

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.8	25.2
125	40.2	7.4	11.0#