Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
Data File : BF077860.D
Acq On : 20 Mar 2015 7:11
Operator : TP/IZ
Sample : G1535-01RE 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMP1B-1-B-5(0-6)RE

Quant Time: Mar 20 06:44:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 06:30:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	43869	20.00	ng		0.00
21) Naphthalene-d8	8.73	136	178473	20.00	ng		0.00
38) Acenaphthene-d10	10.90	164	86226	20.00	ng		0.00
63) Phenanthrene-d10	12.74	188	166070	20.00	ng		0.00
75) Chrysene-d12	16.04	240	187655	20.00	ng		0.01
86) Perylene-d12	17.86	264	186748	20.00	ng		0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	21242	8.45	ng		0.01
7) Phenol-d6	6.73	99	30993	9.98	ng		0.00
23) Nitrobenzene-d5	7.85	82	17260	6.34	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	3759	4.56	ng		0.00
44) 2-Fluorobiphenyl	10.08	172	45674	7.78	ng		0.00
78) Terphenyl-d14	14.73	244	51788	6.74	ng		-0.01
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	10.90	165	11030	8.32	ng	#	24
56) 2,4-Dinitrotoluene	10.90	165	11030	6.38	ng	#	11
70) Phenanthrene	12.76	178	23725	2.49	ng		99
74) Fluoranthene	14.24	202	57865	5.50	ng		94
77) Pyrene	14.52	202	50987	4.32	ng		98
82) Chrysene	16.08	228	26859	2.69	ng		97
87) Benzo(b)fluoranthene	17.39	252	44596	3.66	ng	#	90
88) Benzo(k)fluoranthene	17.39	252	44596	4.68	ng	#	87
89) Benzo(a)pyrene	17.79	252	20522	2.02	ng	#	87

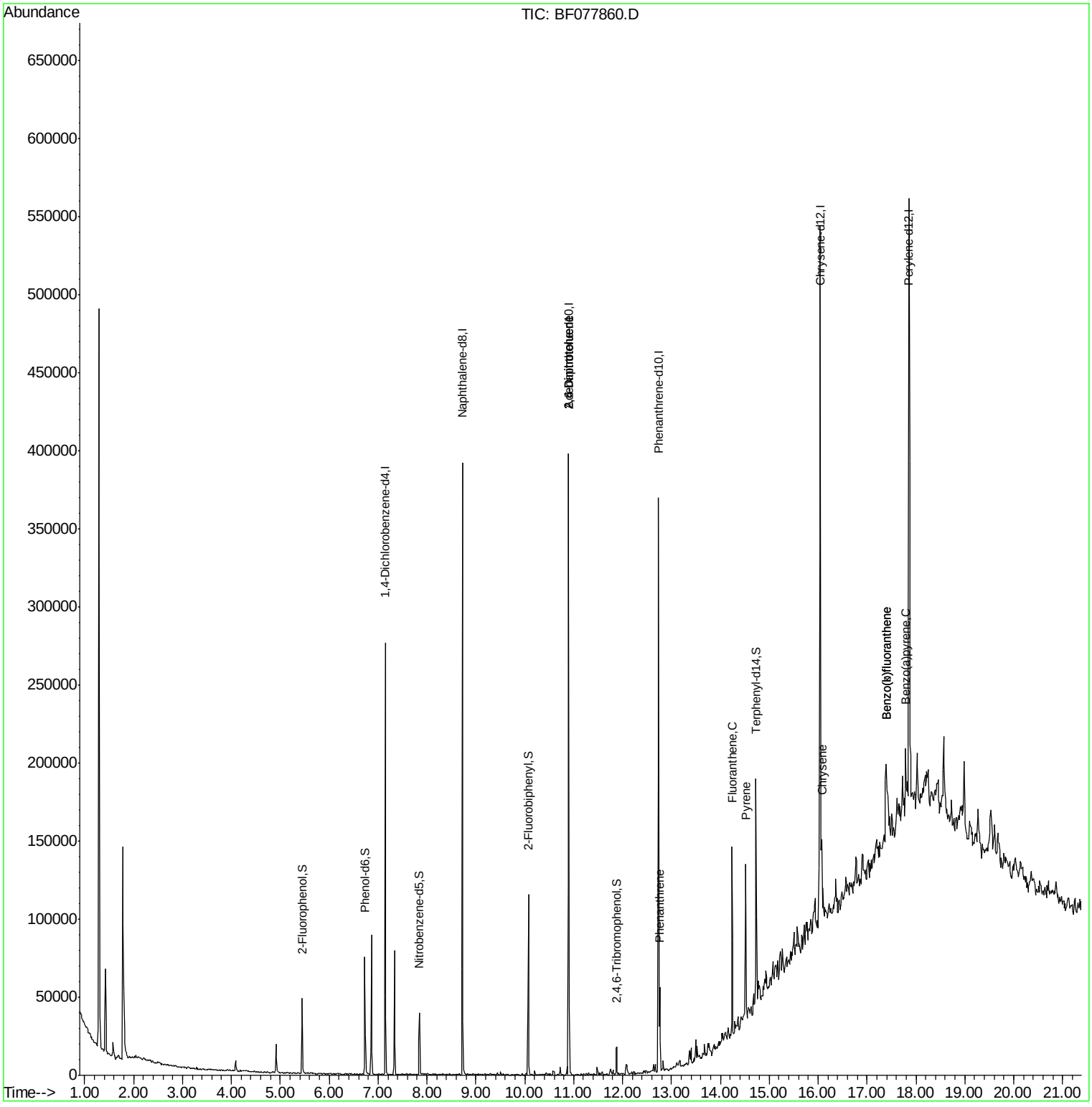
(#) = qualifier out of range (m) = manual integration (+) = signals summed

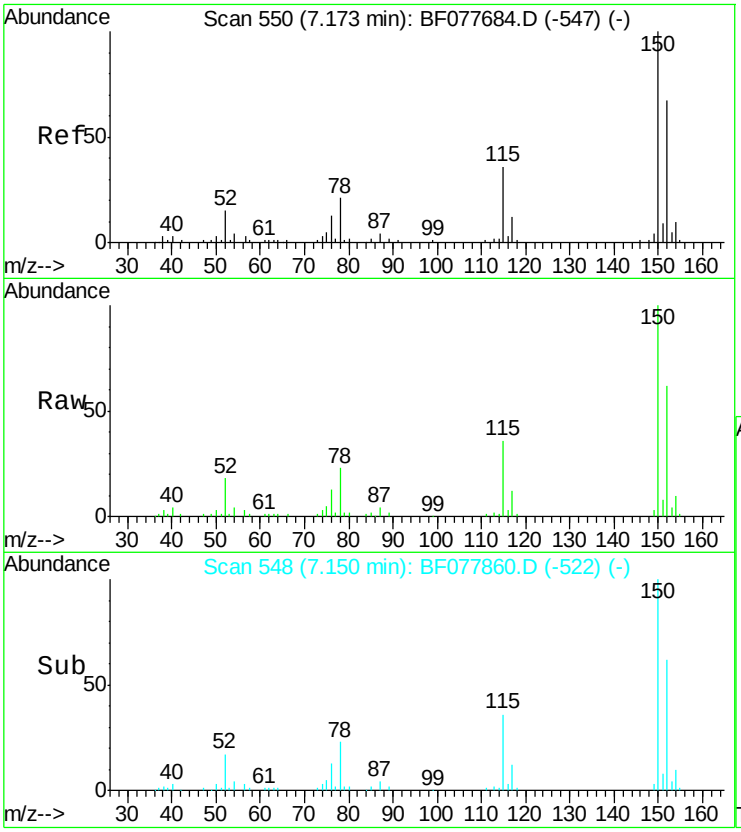
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
Data File : BF077860.D
Acq On : 20 Mar 2015 7:11
Operator : TP/IZ
Sample : G1535-01RE 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP1B-1-B-5(0-6)RE

Quant Time: Mar 20 06:44:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 06:30:20 2015
Response via : Initial Calibration



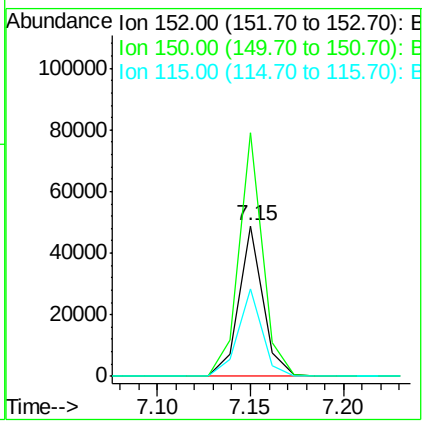


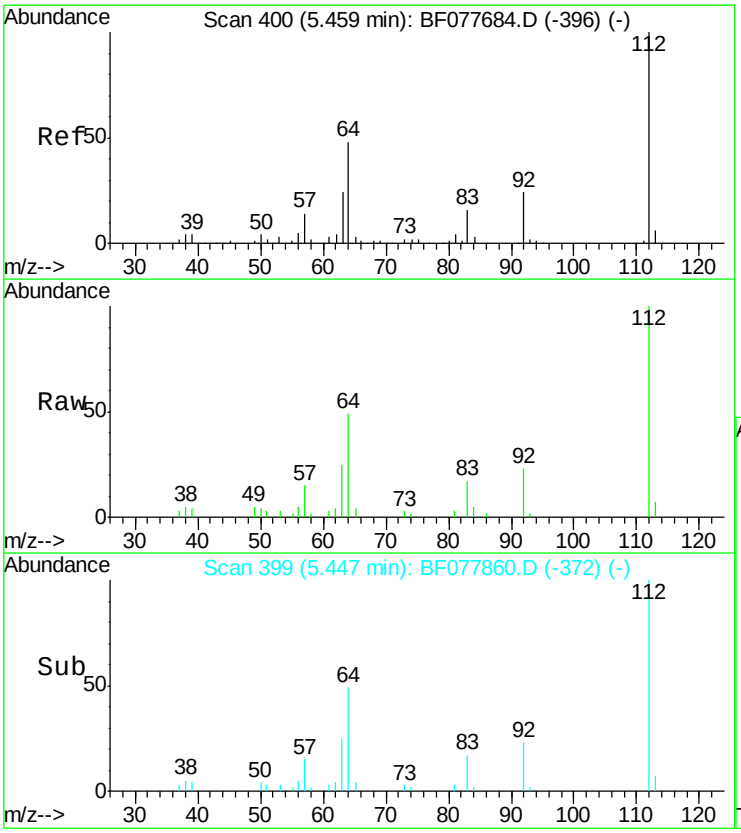
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Instrument :
BNA_M
ClientSampleId :
COMP1B-1-B-5(0-6)RE

Tgt Ion:152 Resp: 43869

Ion	Ratio	Lower	Upper
152	100		
150	162.0	119.5	179.3
115	58.4	43.0	64.4

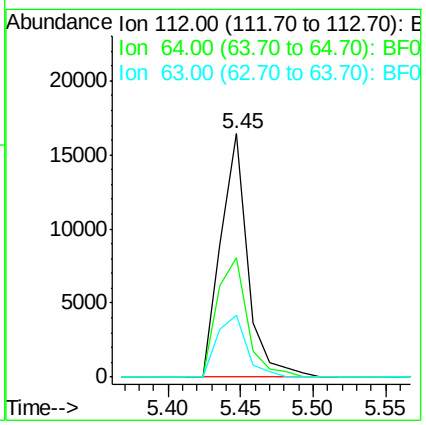


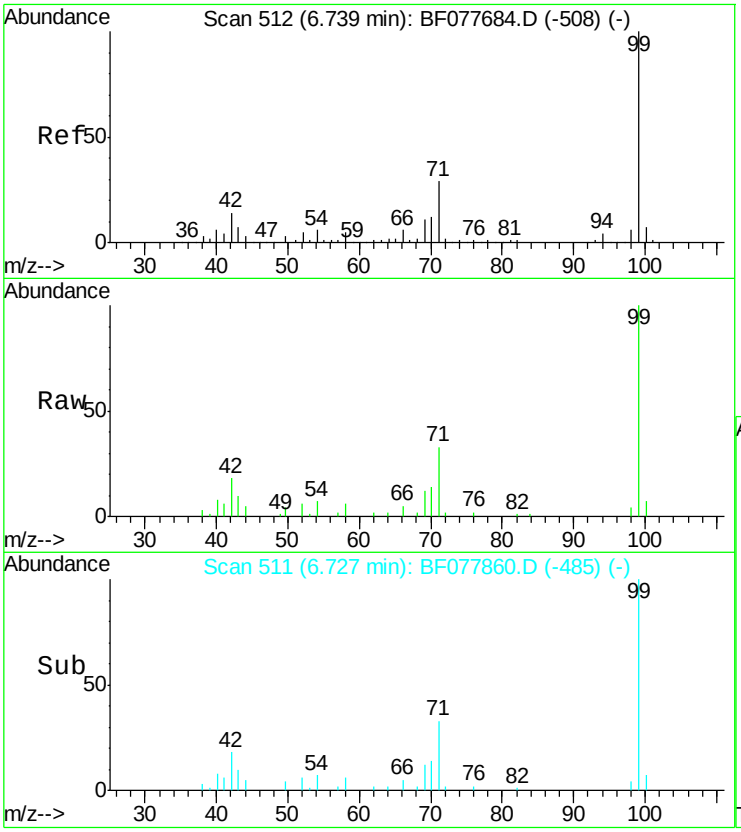


#5
2-Fluorophenol
Concen: 8.45 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Tgt Ion:112 Resp: 21242

Ion	Ratio	Lower	Upper
112	100		
64	49.3	38.6	57.8
63	25.4	19.3	28.9



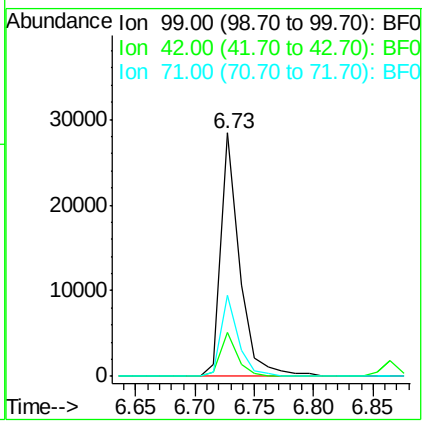


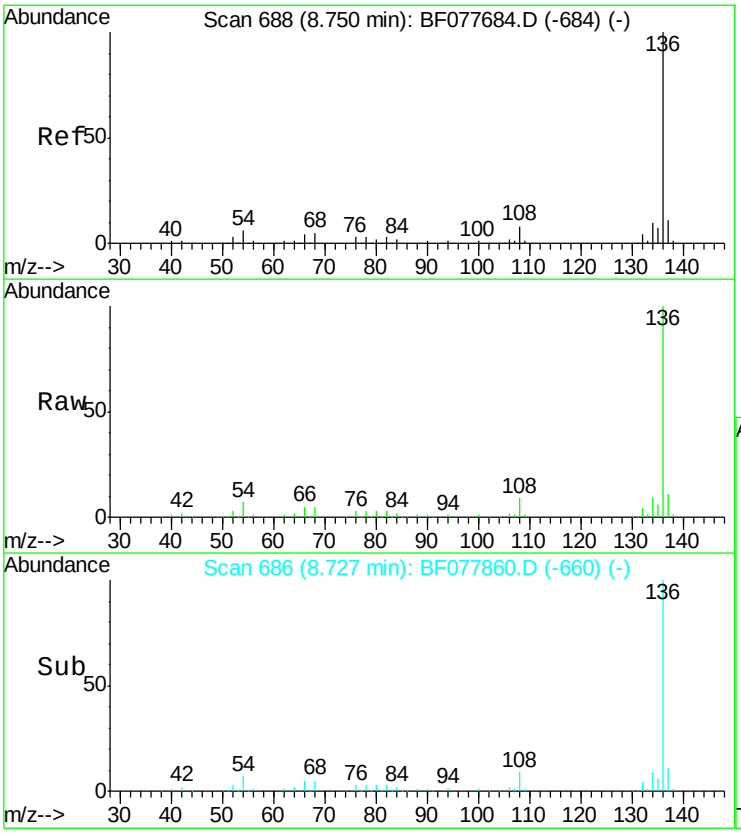
#7
Phenol-d6
Concen: 9.98 ng
RT: 6.73 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Instrument :
BNA_M
ClientSampleId :
COMP1B-1-B-5(0-6)RE

Tgt Ion: 99 Resp: 30993

Ion	Ratio	Lower	Upper
99	100		
42	17.8	11.0	16.4#
71	33.2	23.4	35.2

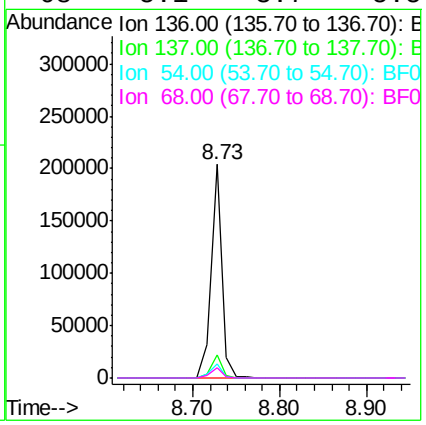


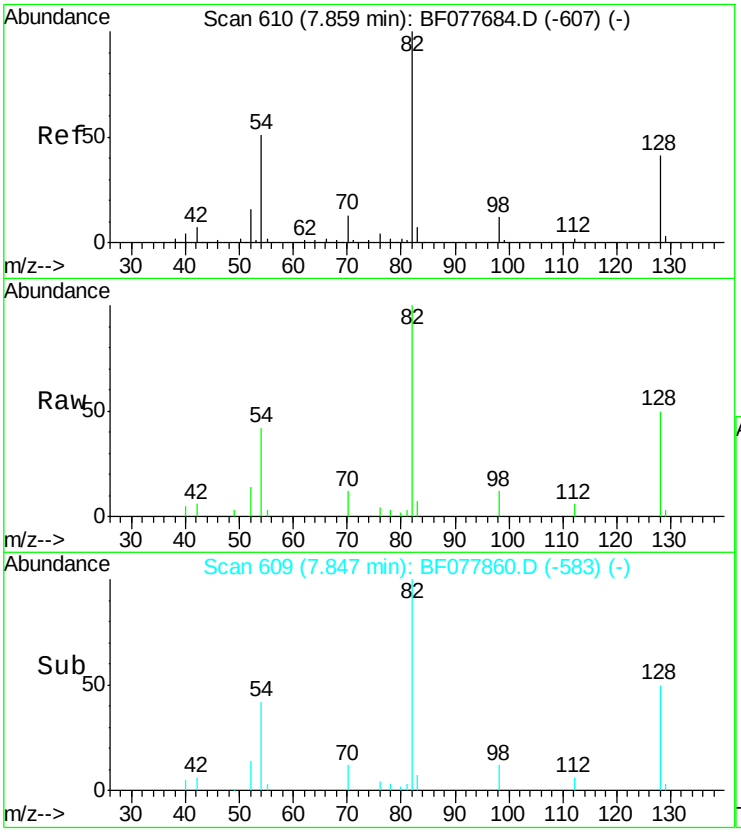


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Tgt Ion:136 Resp: 178473

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.5	4.6	6.8
68	5.1	3.7	5.5



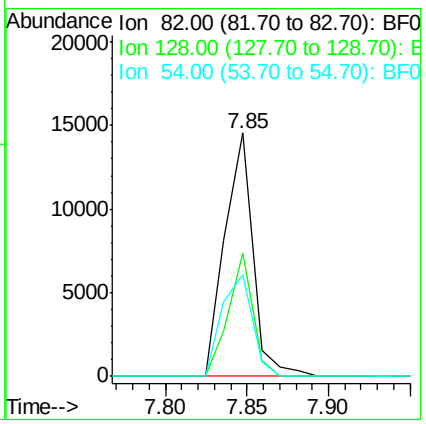


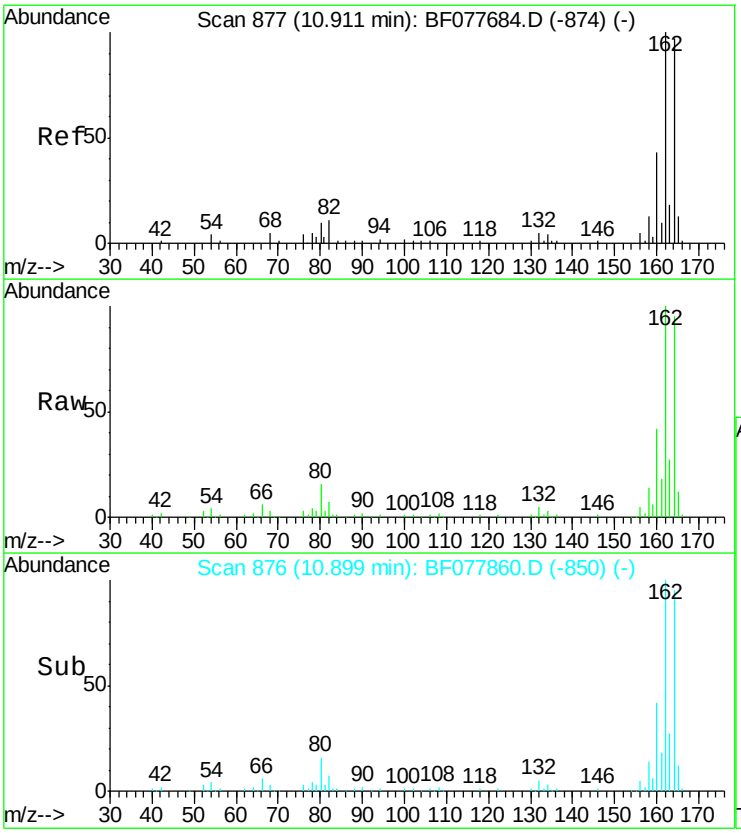
#23
Nitrobenzene-d5
Concen: 6.34 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Instrument :
BNA_M
ClientSampleId :
COMP1B-1-B-5(0-6)RE

Tgt Ion: 82 Resp: 17260

Ion	Ratio	Lower	Upper
82	100		
128	50.4	32.8	49.2#
54	41.9	40.6	60.8

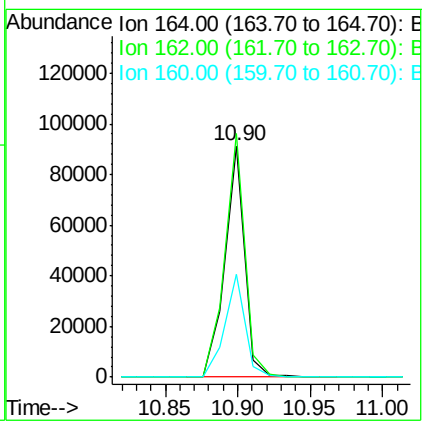


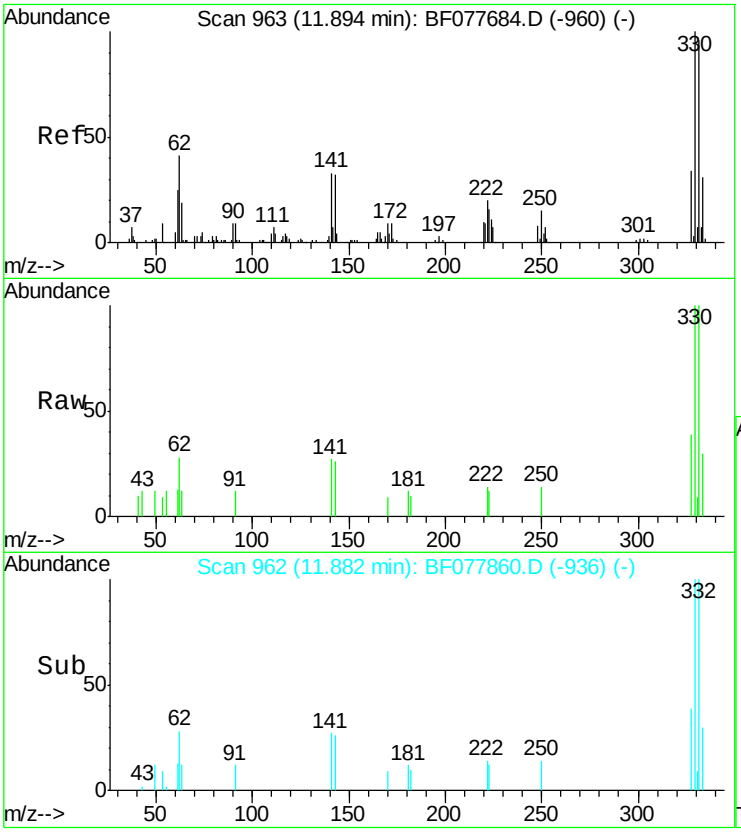


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Tgt Ion:164 Resp: 86226

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.4	123.6
160	44.6	35.8	53.6



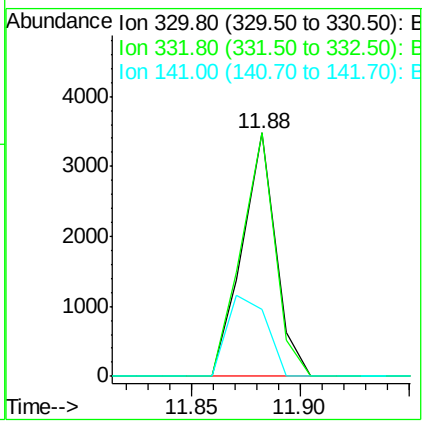


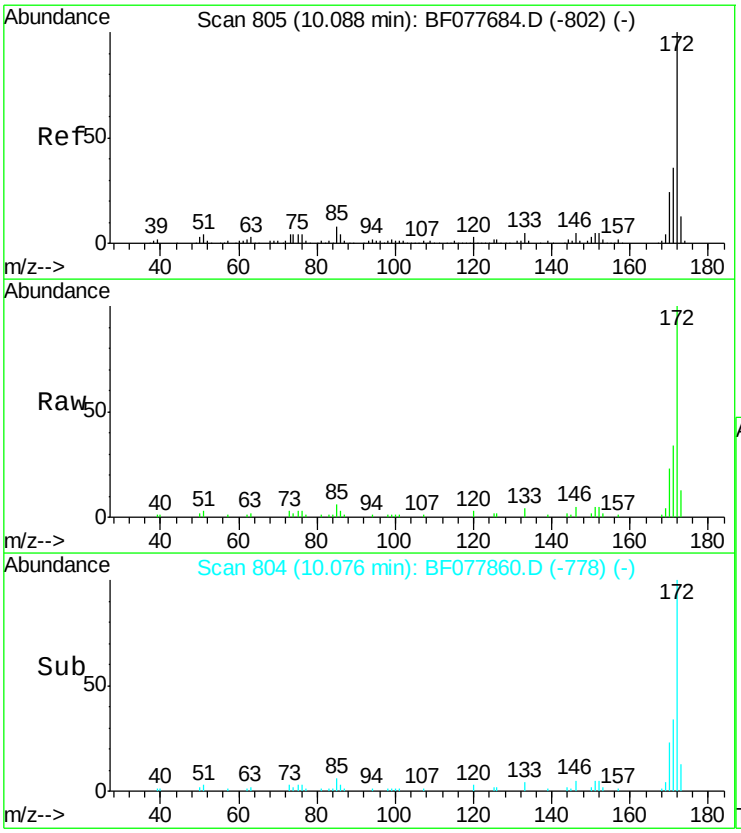
#41
2,4,6-Tribromophenol
Concen: 4.56 ng
RT: 11.88 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Instrument :
BNA_M
ClientSampleId :
COMP1B-1-B-5(0-6)RE

Tgt Ion:330 Resp: 3759

Ion	Ratio	Lower	Upper
330	100		
332	99.9	0.0	0.0#
141	38.7	0.0	0.0#

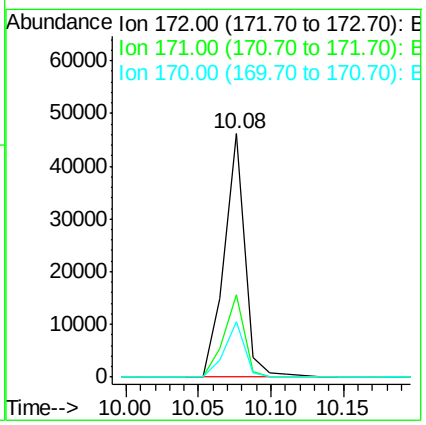


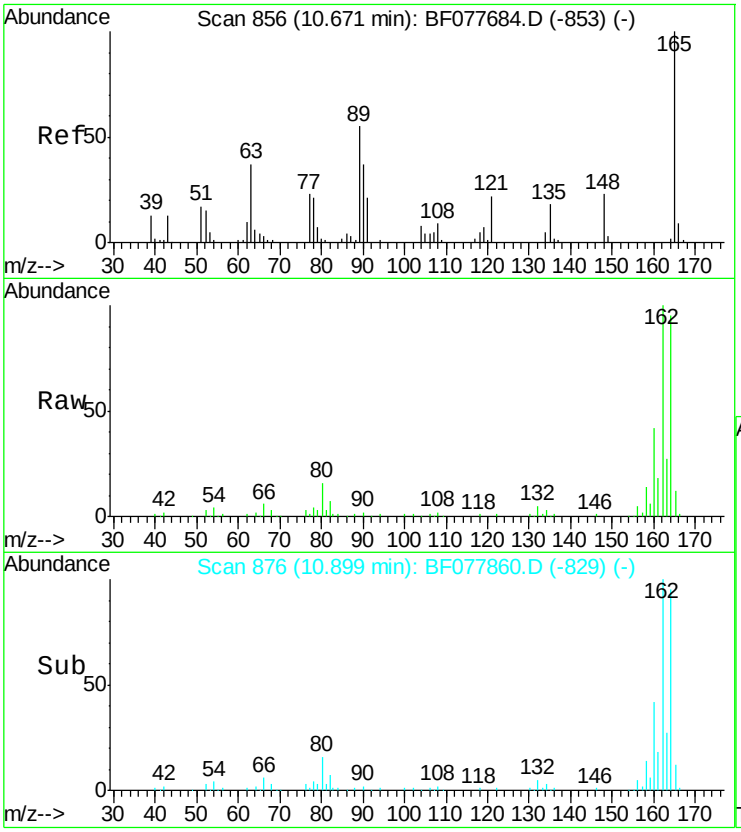


#44
2-Fluorobiphenyl
Concen: 7.78 ng
RT: 10.08 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Tgt Ion:172 Resp: 45674

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.5	42.7
170	22.9	18.8	28.2



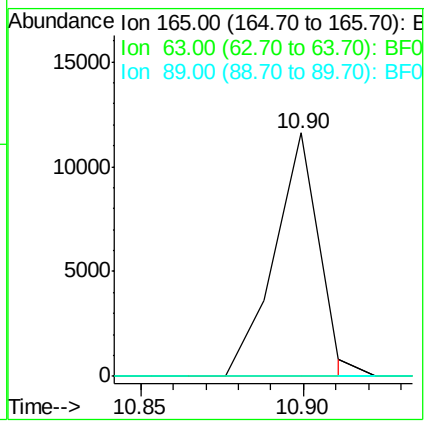


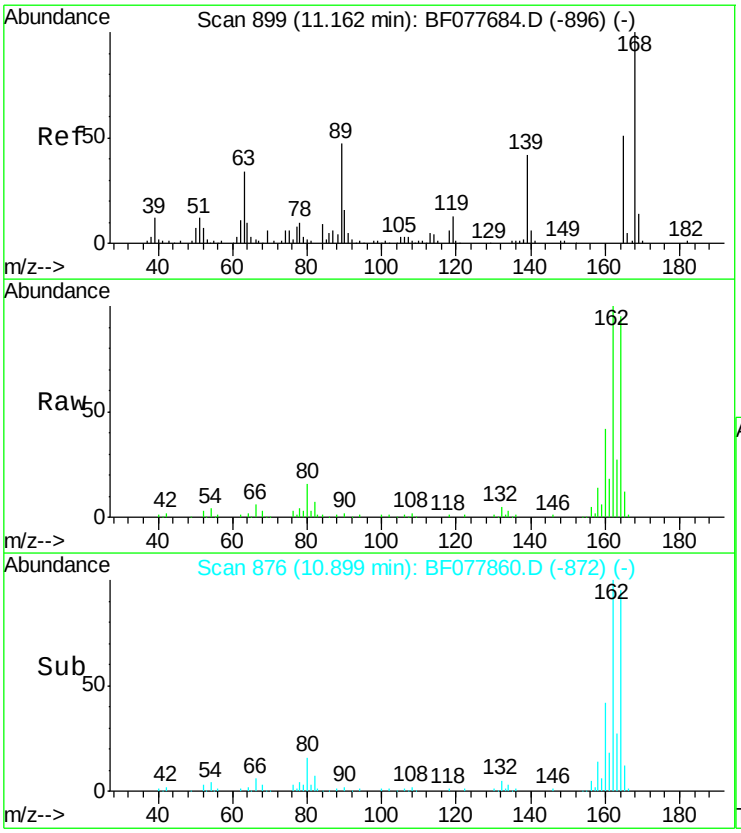
#50
2,6-Dinitrotoluene
Concen: 8.32 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.24 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Instrument :
BNA_M
ClientSampleId :
COMP1B-1-B-5(0-6)RE

Tgt Ion:165 Resp: 11030

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#

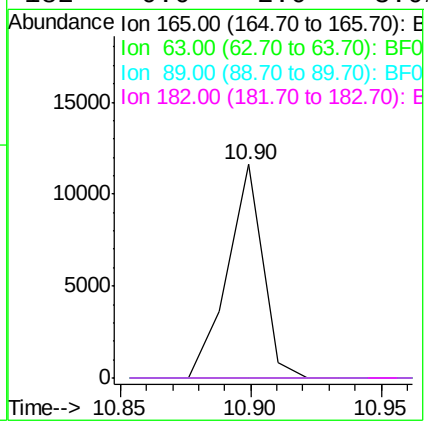


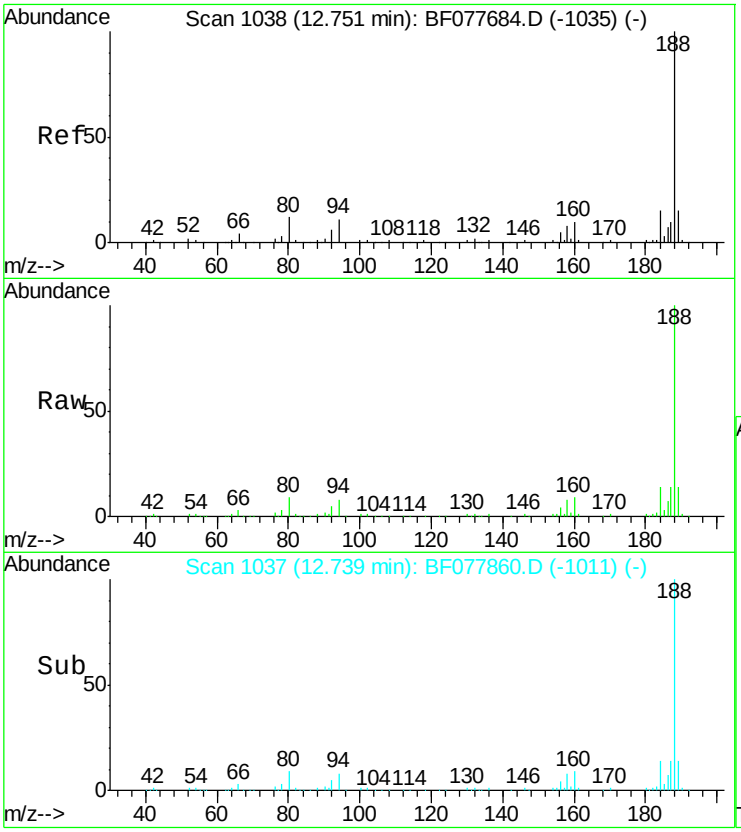


#56
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.25 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Tgt Ion:165 Resp: 11030

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#



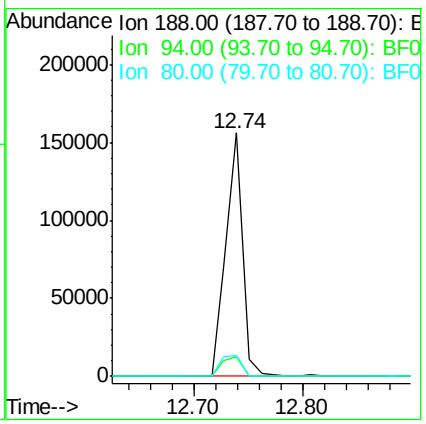


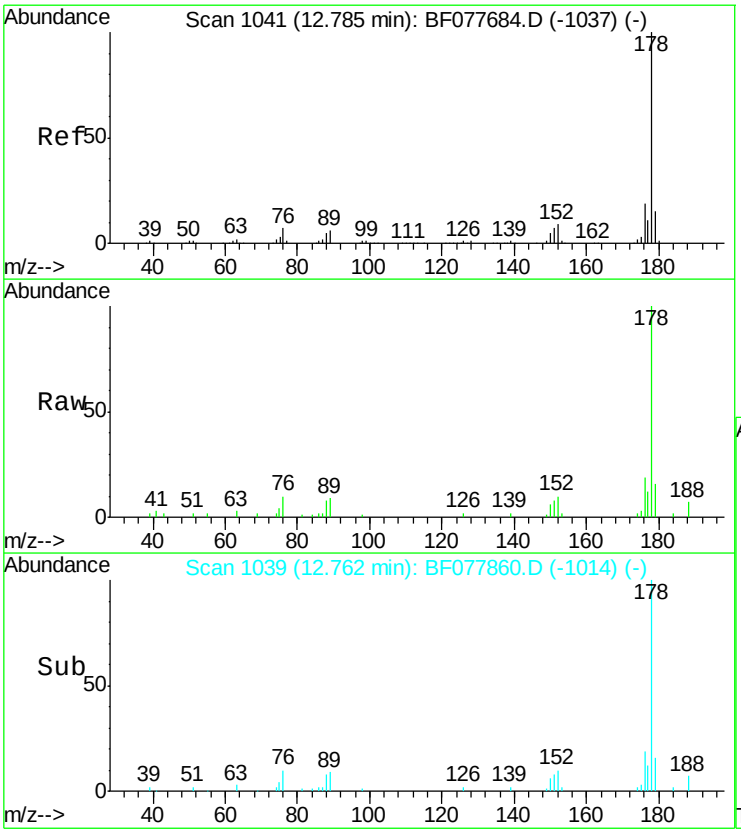
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Instrument :
BNA_M
ClientSampleId :
COMP1B-1-B-5(0-6)RE

Tgt Ion:188 Resp: 166070

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.7	13.1#
80	8.5	9.3	13.9#

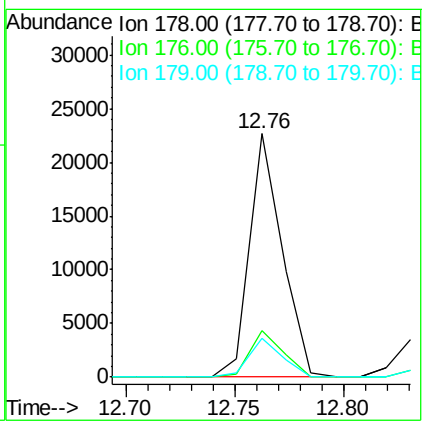


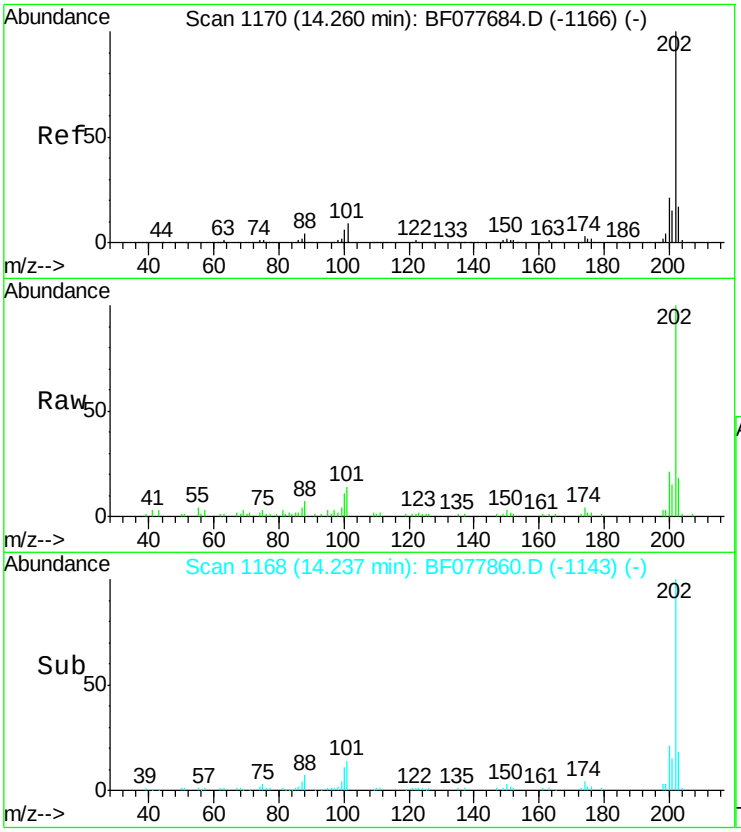


#70
Phenanthrene
Concen: 2.49 ng
RT: 12.76 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Tgt Ion:178 Resp: 23725

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	16.1	12.1	18.1



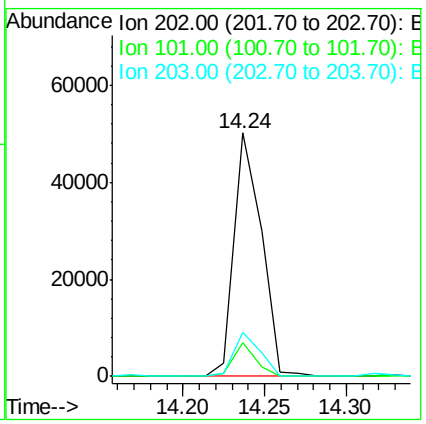


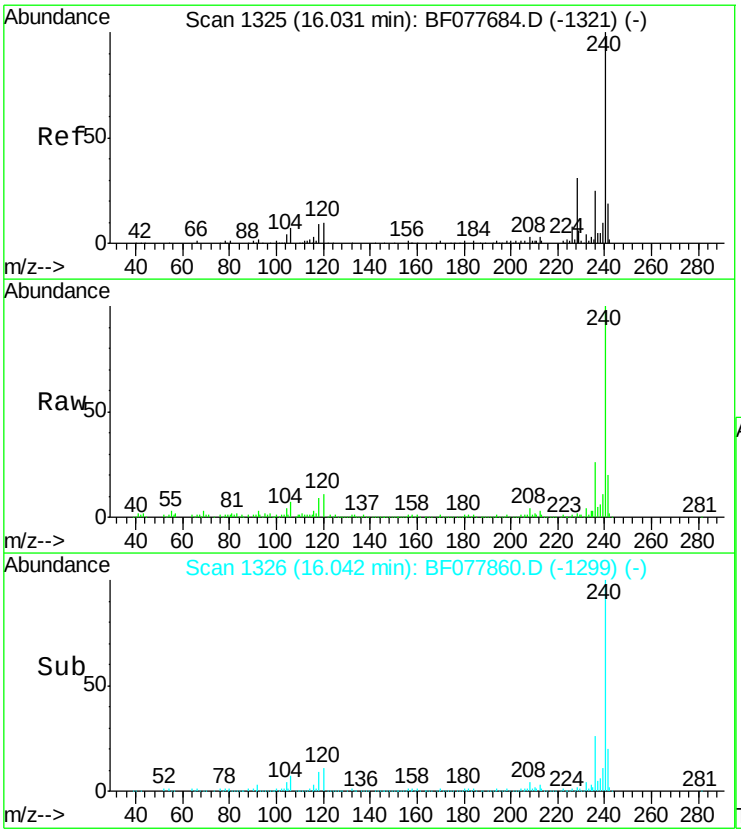
#74
Fluoranthene
Concen: 5.50 ng
RT: 14.24 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Instrument :
BNA_M
ClientSampleId :
COMP1B-1-B-5(0-6)RE

Tgt Ion:202 Resp: 57865

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	28.7
203	18.1	0.0	37.2

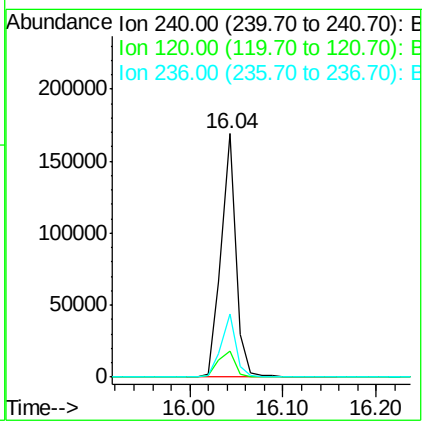


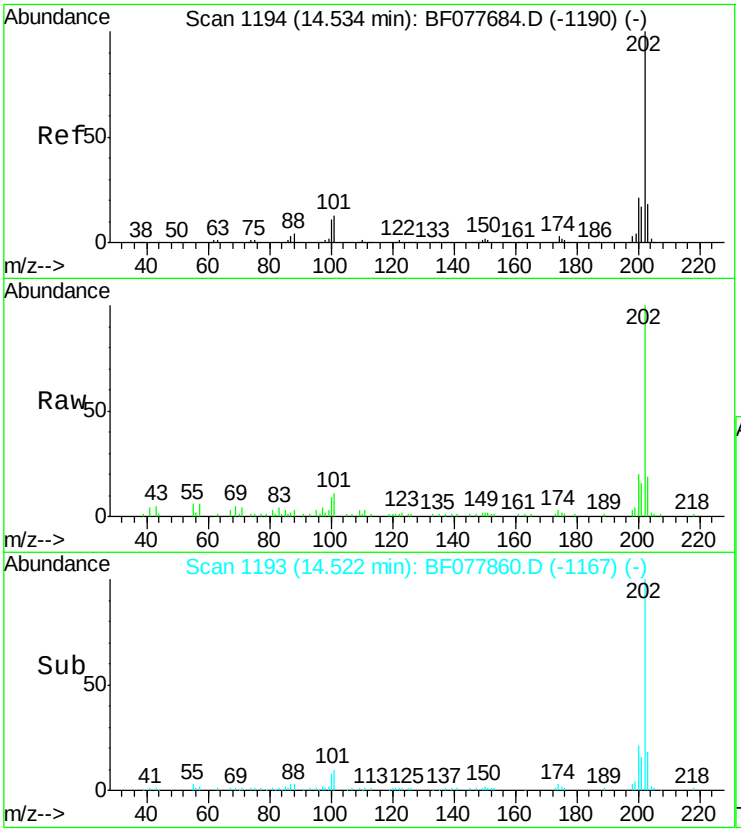


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Tgt Ion:240 Resp: 187655

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.2	12.2
236	26.0	20.0	30.0



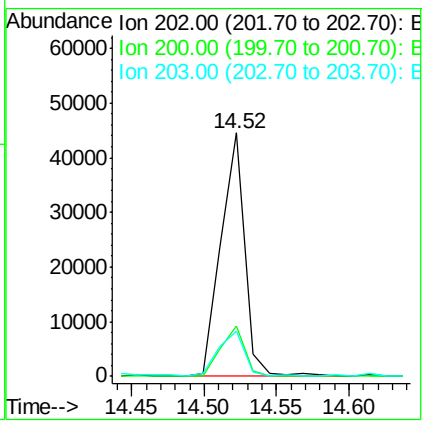


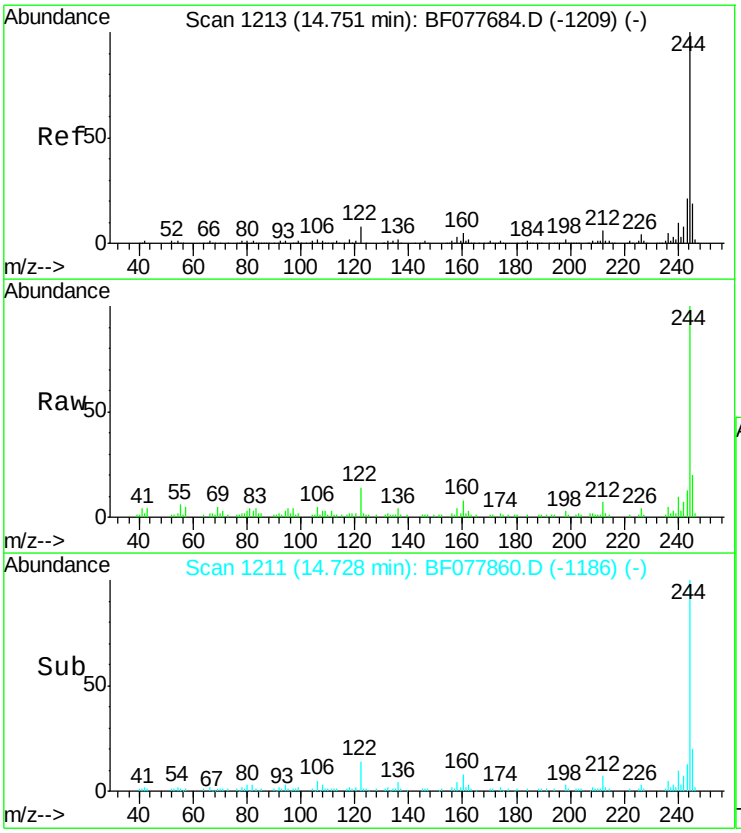
#77
Pyrene
Concen: 4.32 ng
RT: 14.52 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Instrument :
BNA_M
ClientSampleId :
COMP1B-1-B-5(0-6)RE

Tgt Ion:202 Resp: 50987

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	18.5	14.1	21.1

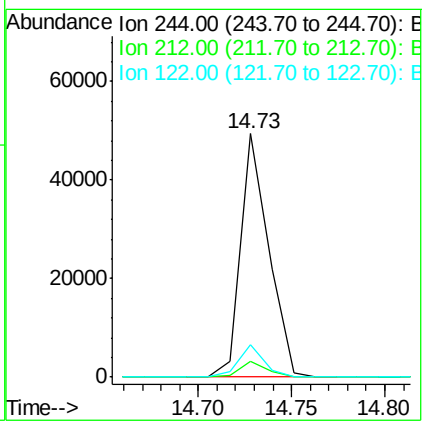


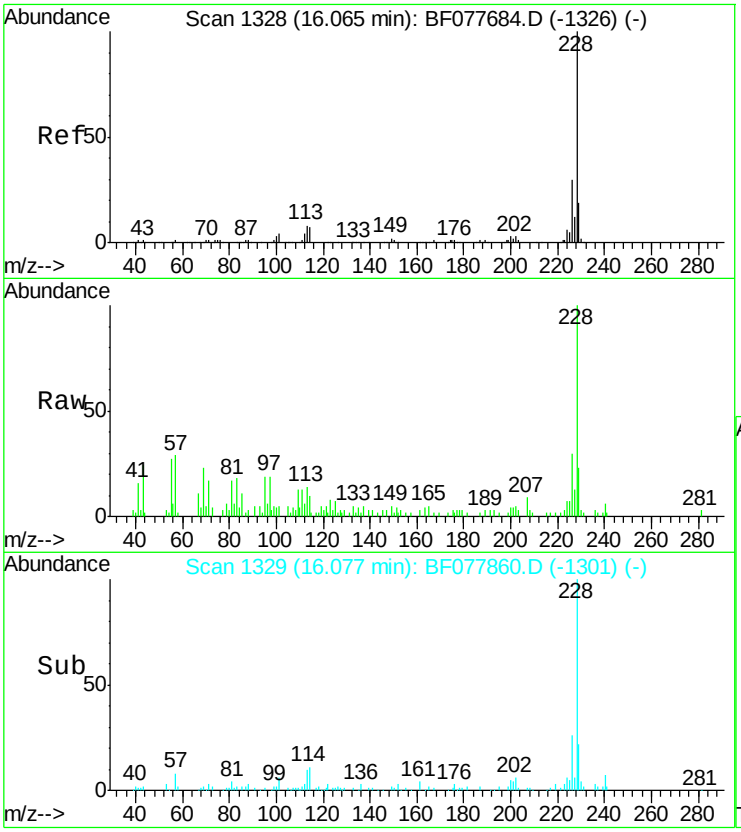


#78
Terphenyl-d14
Concen: 6.74 ng
RT: 14.73 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Tgt Ion:244 Resp: 51788

Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.9	7.3
122	13.6	6.2	9.4#



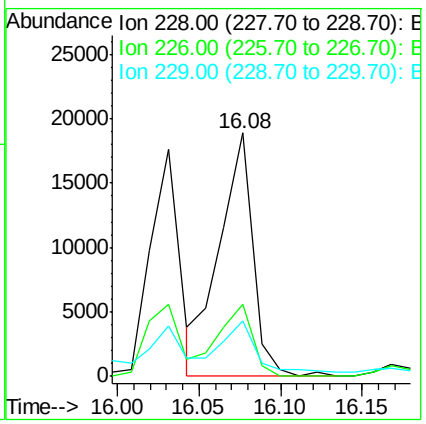


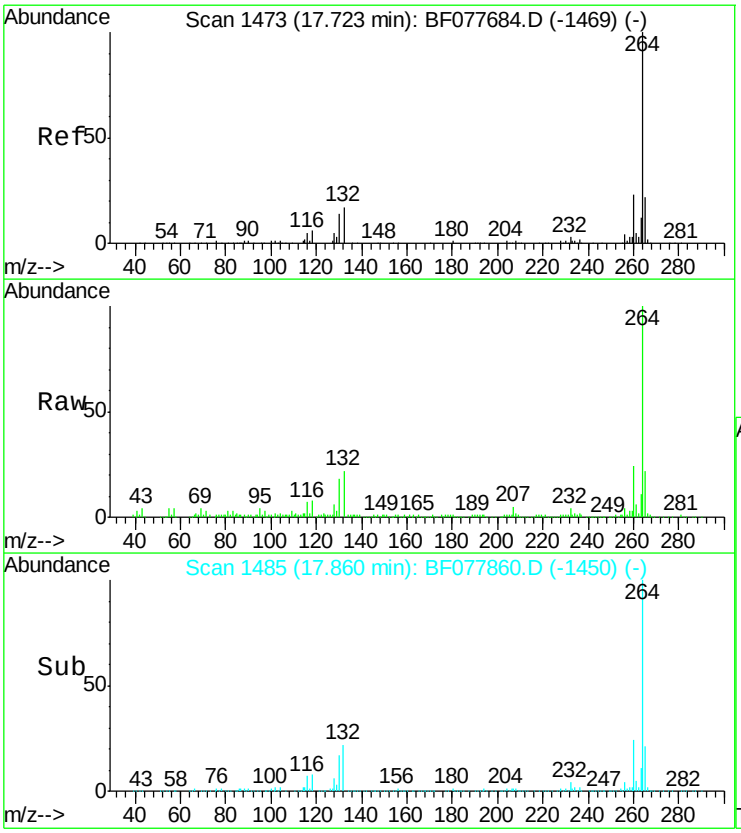
#82
Chrysene
Concen: 2.69 ng
RT: 16.08 min Scan# 1329
Delta R.T. 0.02 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Instrument :
BNA_M
ClientSampleId :
COMP1B-1-B-5(0-6)RE

Tgt Ion:228 Resp: 26859

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	22.6	15.5	23.3

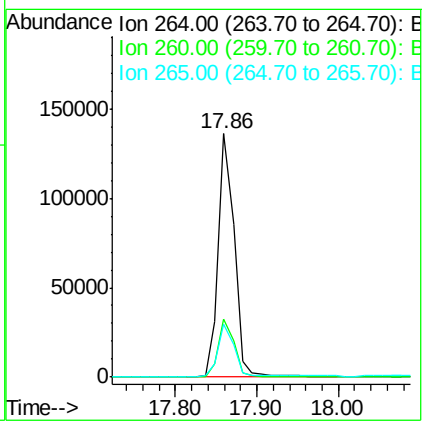


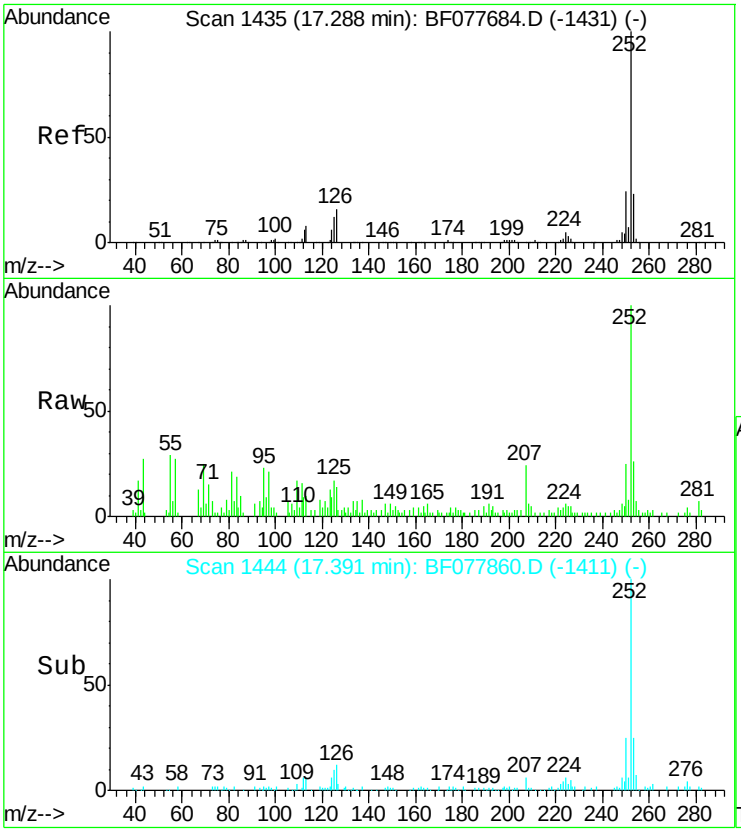


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.86 min Scan# 1485
Delta R.T. 0.10 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Tgt Ion:264 Resp: 186748

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.7	17.3	25.9



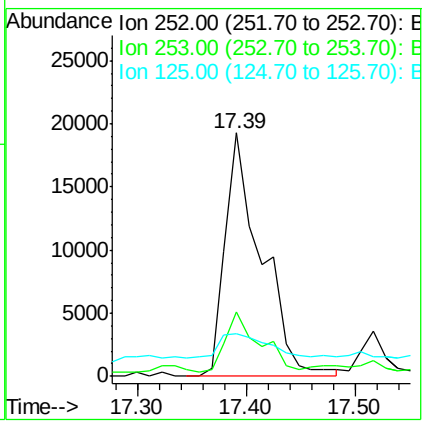


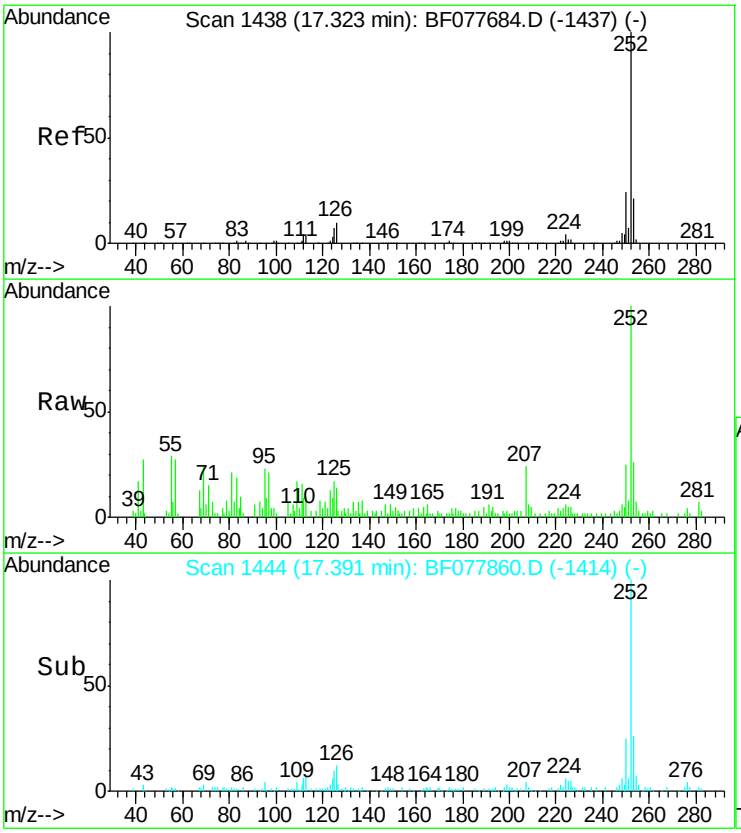
#87
Benzo(b)fluoranthene
Concen: 3.66 ng
RT: 17.39 min Scan# 1444
Delta R.T. 0.08 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Instrument :
BNA_M
ClientSampleId :
COMP1B-1-B-5(0-6)RE

Tgt Ion:252 Resp: 44596

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.0	27.0
125	17.4	9.9	14.9#

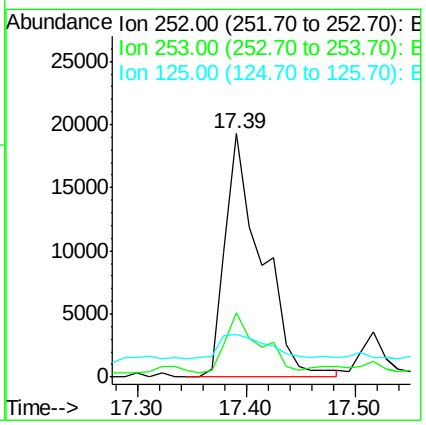


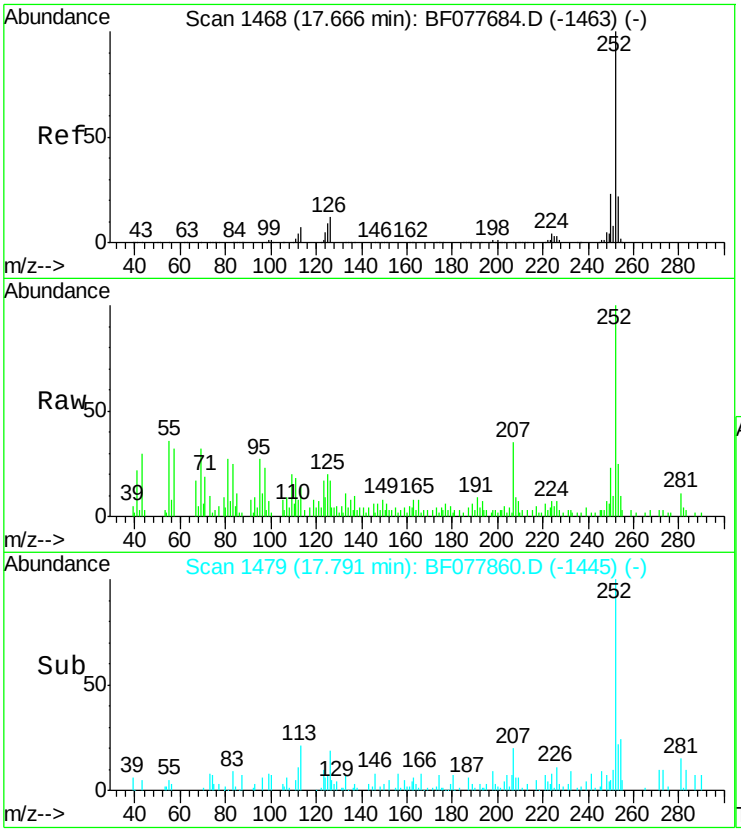


#88
Benzo(k)fluoranthene
Concen: 4.68 ng
RT: 17.39 min Scan# 1444
Delta R.T. 0.05 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Tgt Ion:252 Resp: 44596

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.2	25.8#
125	17.4	8.1	12.1#





#89
Benzo(a)pyrene
Concen: 2.02 ng
RT: 17.79 min Scan# 1479
Delta R.T. 0.09 min
Lab File: BF077860.D
Acq: 20 Mar 2015 7:11

Instrument :
BNA_M
ClientSampleId :
COMP1B-1-B-5(0-6)RE

Tgt Ion:252 Resp: 20522

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.6	26.4
125	20.1	7.4	11.2#