Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078528.D
Acq On : 15 Apr 2015 7:15
Operator : TP/IZ
Sample : G1841-01RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1RE

Quant Time: Apr 15 06:53:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 01:10:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	31527	20.00	ng		0.00
21) Naphthalene-d8	8.39	136	133971	20.00	ng		0.00
38) Acenaphthene-d10	10.54	164	69141	20.00	ng		0.00
63) Phenanthrene-d10	12.37	188	144389	20.00	ng		0.00
75) Chrysene-d12	15.62	240	170995	20.00	ng		-0.03
86) Perylene-d12	17.31	264	172523	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	48439	25.33	ng		0.00
7) Phenol-d6	6.41	99	92567	38.63	ng		0.00
23) Nitrobenzene-d5	7.51	82	51766	23.42	ng		0.00
41) 2,4,6-Tribromophenol	11.52	330	39958	69.68	ng		0.00
44) 2-Fluorobiphenyl	9.74	172	163415	33.78	ng		0.00
78) Terphenyl-d14	14.35	244	250411	33.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.60	88	31543	36.48	ng	#	26
49) Dimethylphthalate	10.24	163	10918	2.10	ng	#	96
55) 4-Nitrophenol	10.80	139	1421	4.30	ng	#	18
62) Azobenzene	11.44	77	9760	2.14	ng	#	1
70) Phenanthrene	12.39	178	83791	10.03	ng		98
71) Anthracene	12.46	178	17805	2.16	ng		98
74) Fluoranthene	13.85	202	151445	17.19	ng		97
76) Benzidine	14.06	184	27053	4.11	ng		99
77) Pyrene	14.13	202	156227	14.55	ng	#	94
80) Benzo(a)anthracene	15.61	228	97735	9.61	ng		97
82) Chrysene	15.66	228	76118	7.96	ng		98
85) Indeno(1,2,3-cd)pyrene	18.53	276	41121	3.79	ng		93
87) Benzo(b)fluoranthene	16.88	252	112646	10.56	ng	#	96
88) Benzo(k)fluoranthene	16.88	252	132617	14.00	ng	#	96
89) Benzo(a)pyrene	17.25	252	70484	7.57	ng	#	95

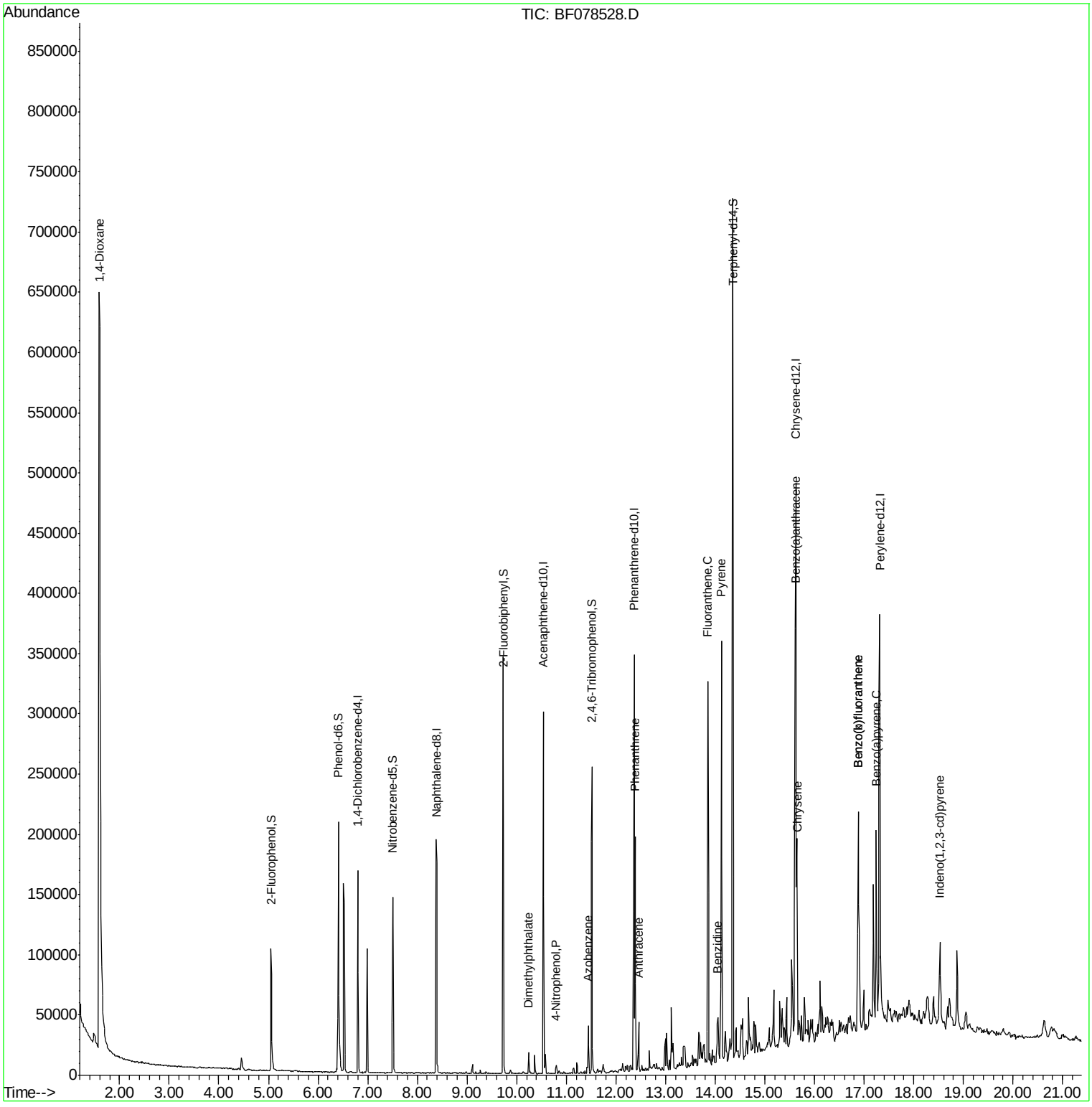
(#) = qualifier out of range (m) = manual integration (+) = signals summed

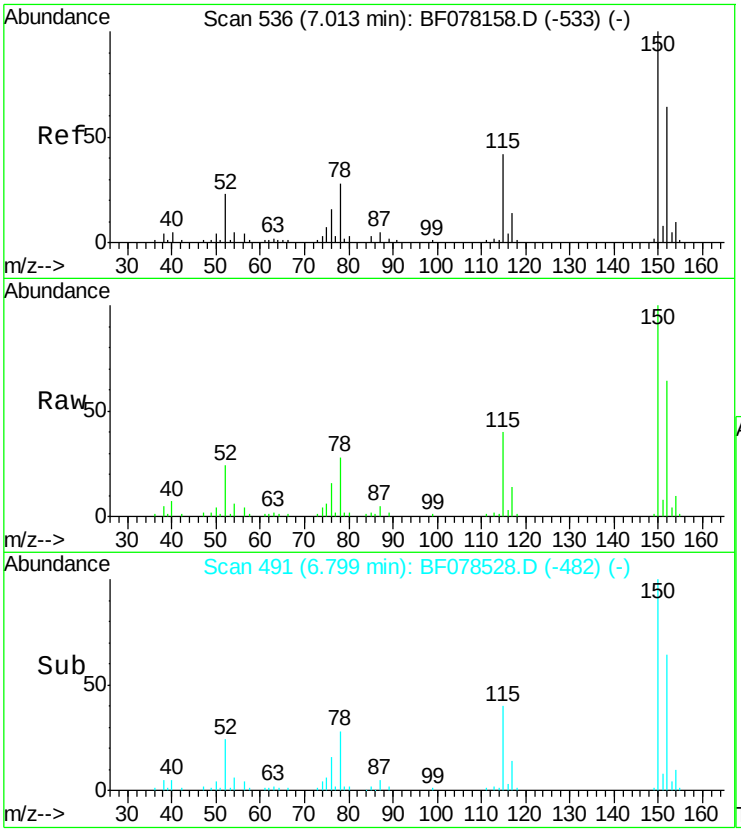
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078528.D
Acq On : 15 Apr 2015 7:15
Operator : TP/IZ
Sample : G1841-01RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Quant Time: Apr 15 06:53:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 01:10:59 2015
Response via : Initial Calibration



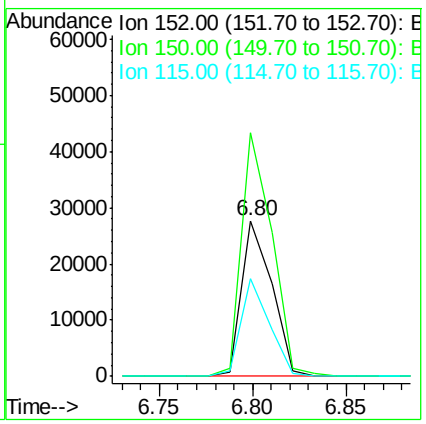


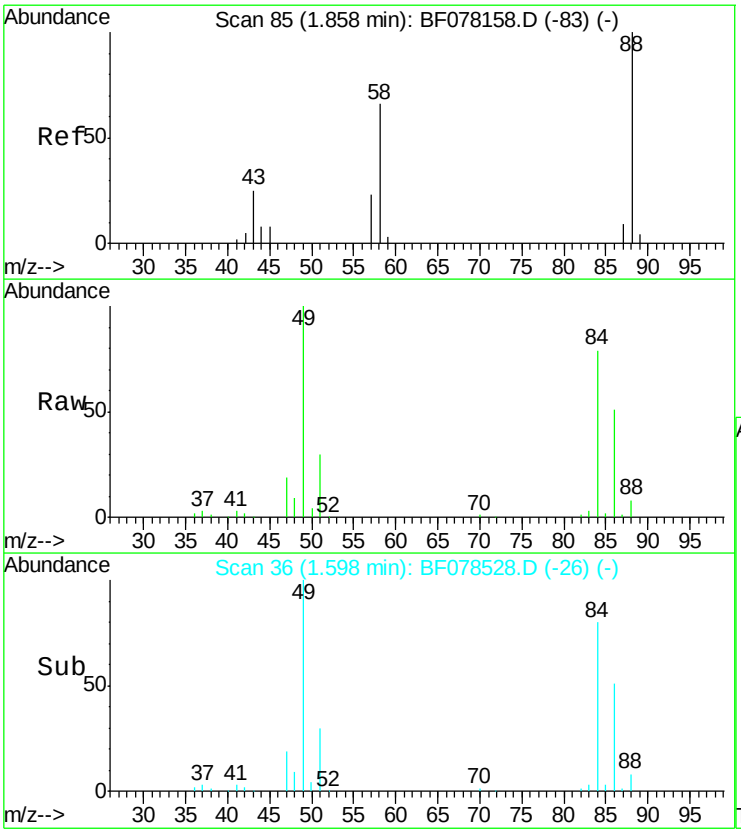
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:152 Resp: 31527

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.9	188.9
115	62.7	52.7	79.1

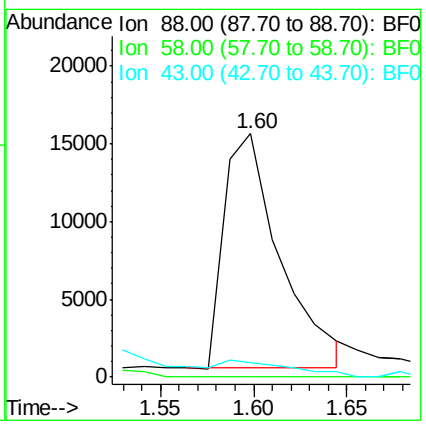


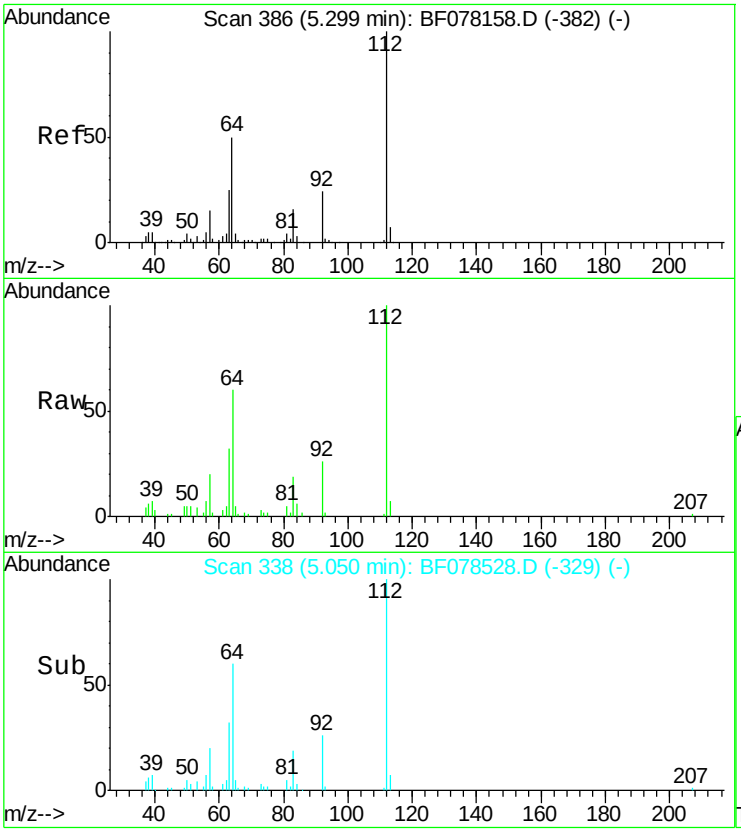


#2
1,4-Dioxane
Concen: 36.48 ng
RT: 1.60 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion: 88 Resp: 31543

Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	4.3	21.4	32.2#



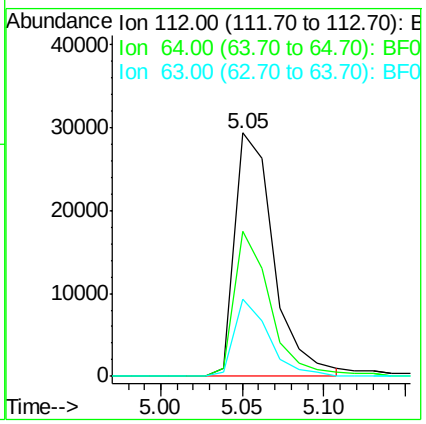


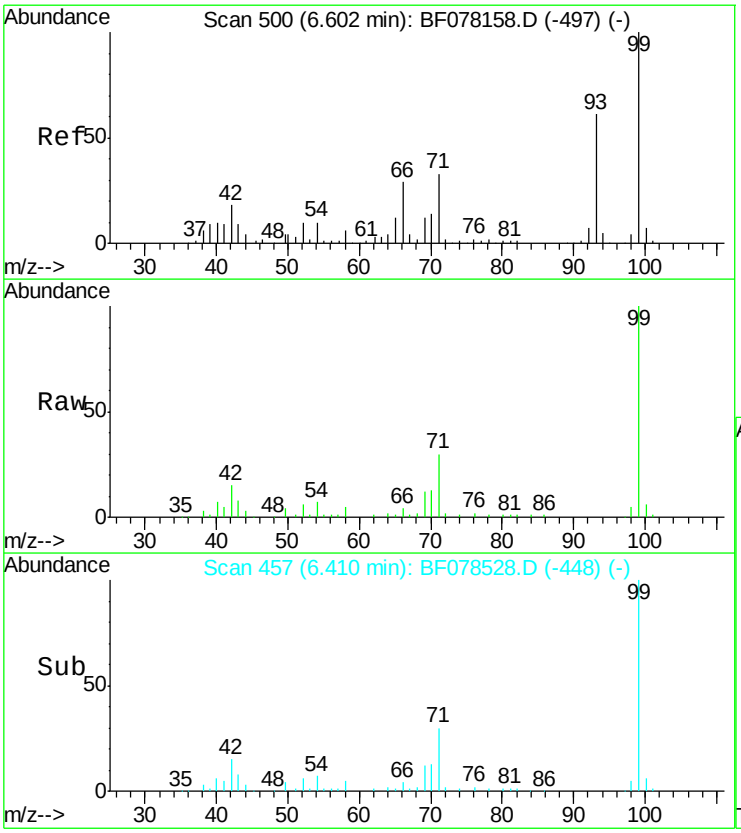
#5
2-Fluorophenol
Concen: 25.33 ng
RT: 5.05 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:112 Resp: 48439

Ion	Ratio	Lower	Upper
112	100		
64	59.5	39.9	59.9
63	31.7	20.2	30.4#

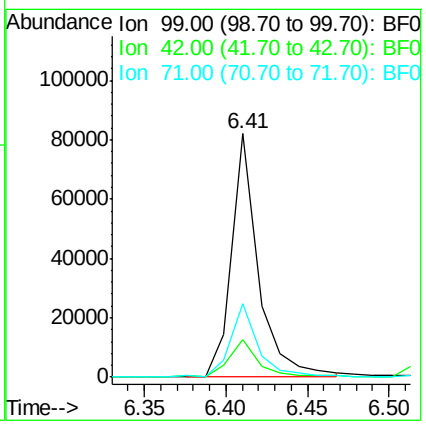


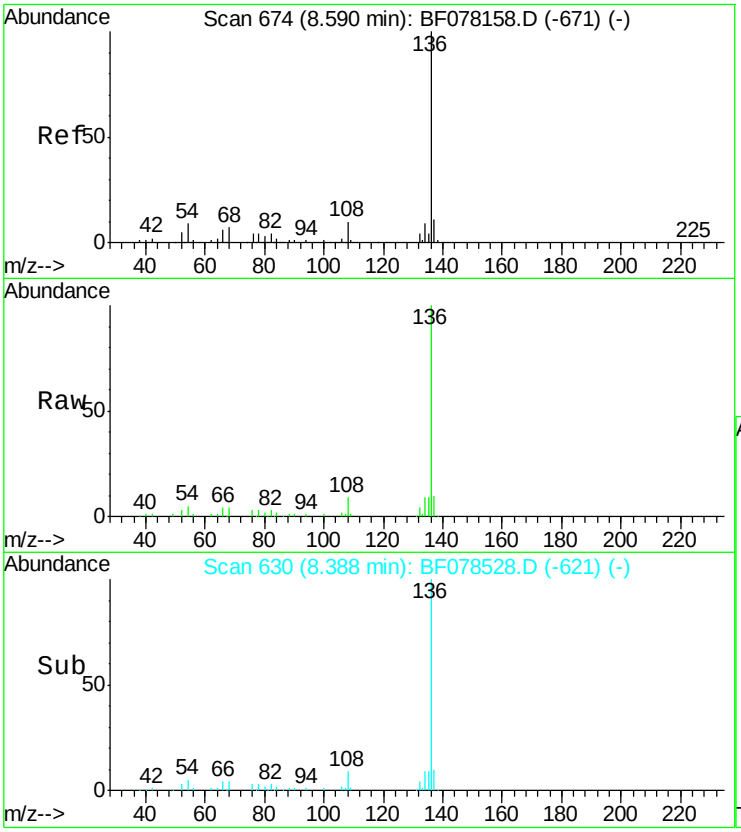


#7
Phenol-d6
Concen: 38.63 ng
RT: 6.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion: 99 Resp: 92567

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.8	22.2
71	30.2	26.6	39.8



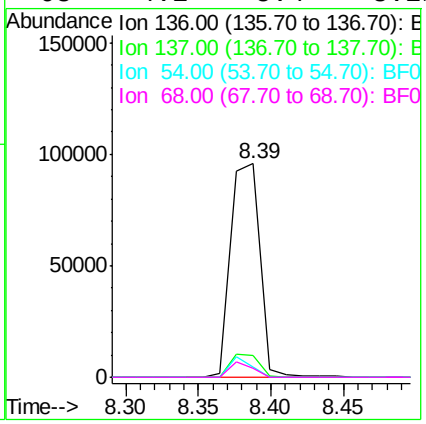


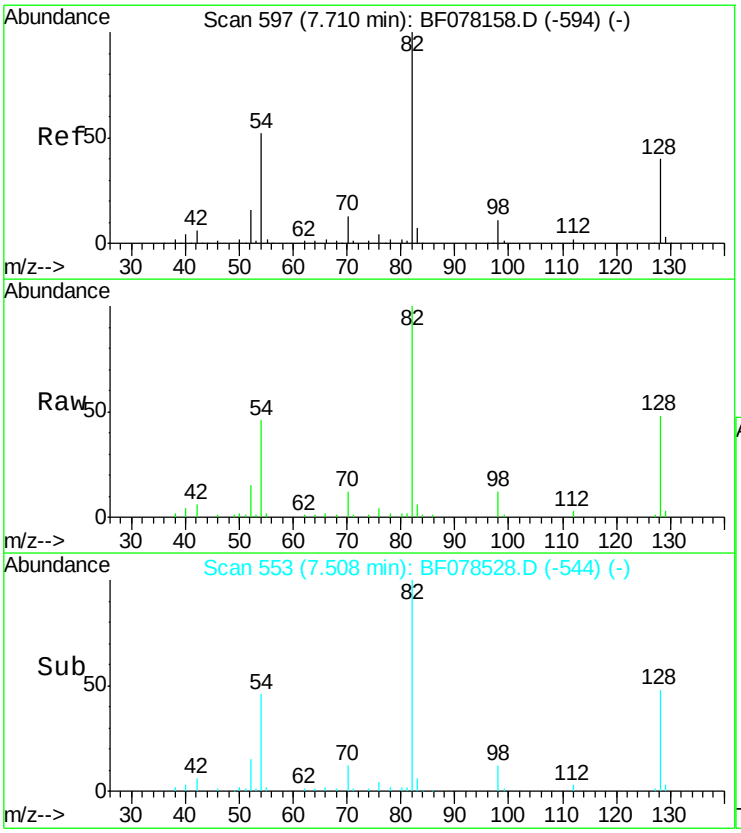
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.39 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:136 Resp: 133971

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	5.0	7.0	10.6#
68	4.2	5.4	8.2#

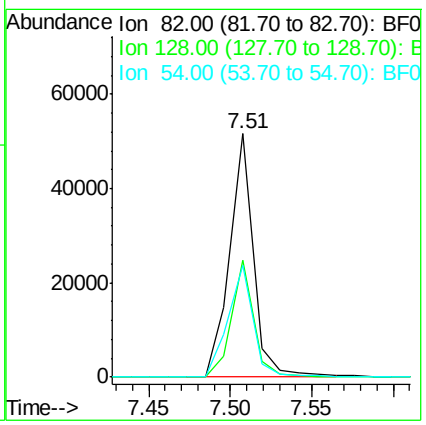


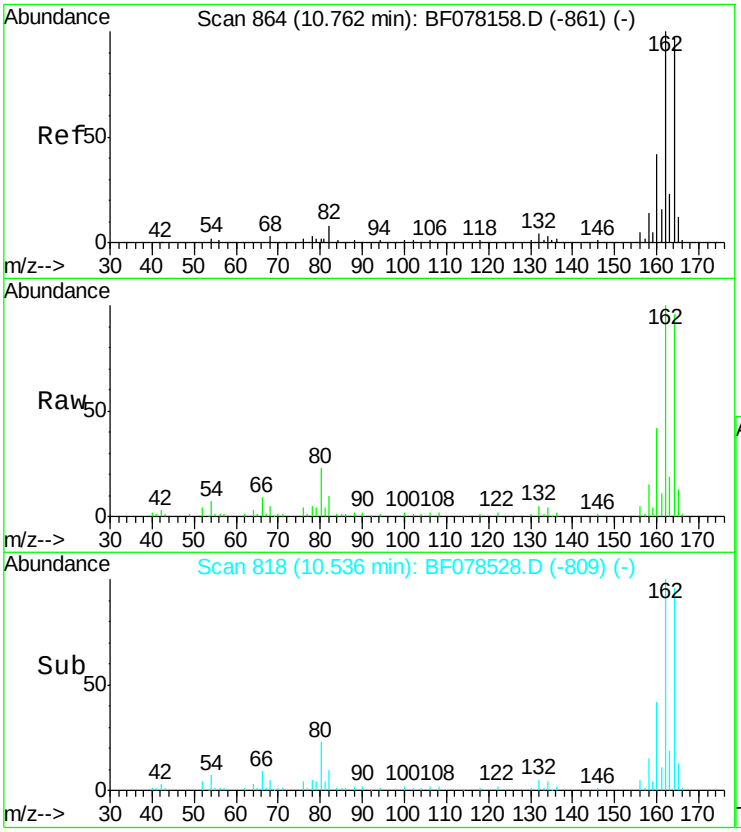


#23
Nitrobenzene-d5
Concen: 23.42 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion: 82 Resp: 51766

Ion	Ratio	Lower	Upper
82	100		
128	48.0	31.8	47.8#
54	45.8	41.5	62.3



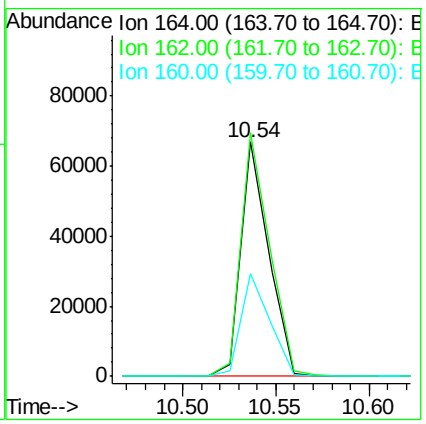


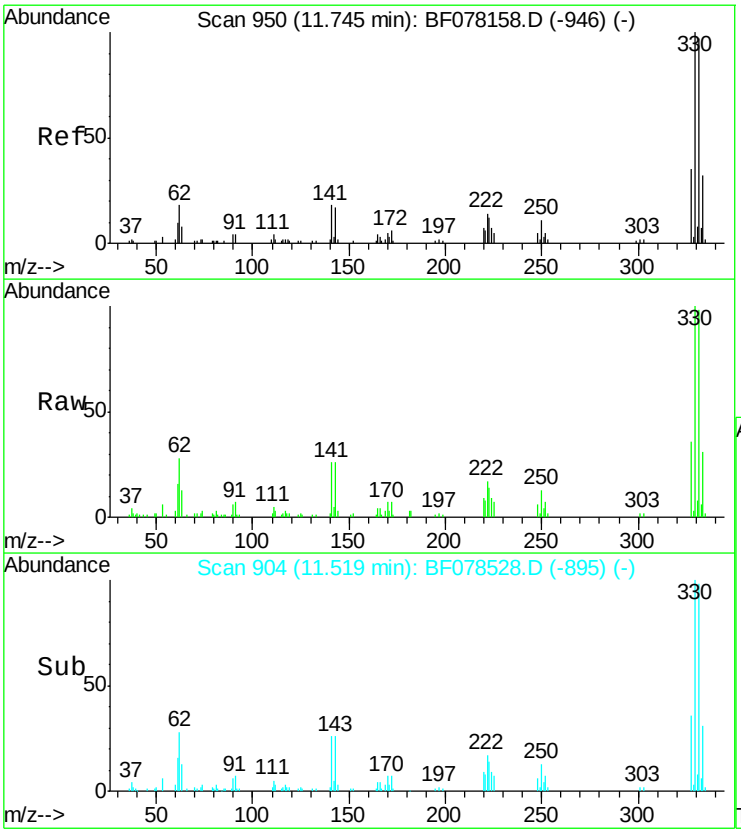
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:164 Resp: 69141

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.2
160	44.1	34.7	52.1

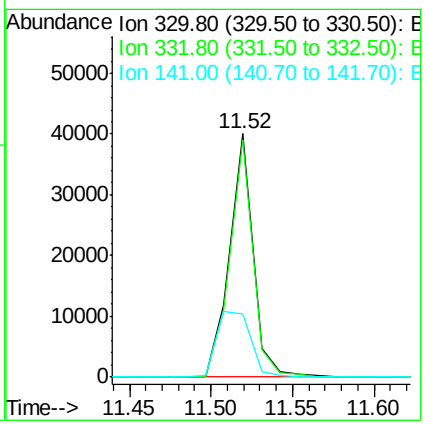


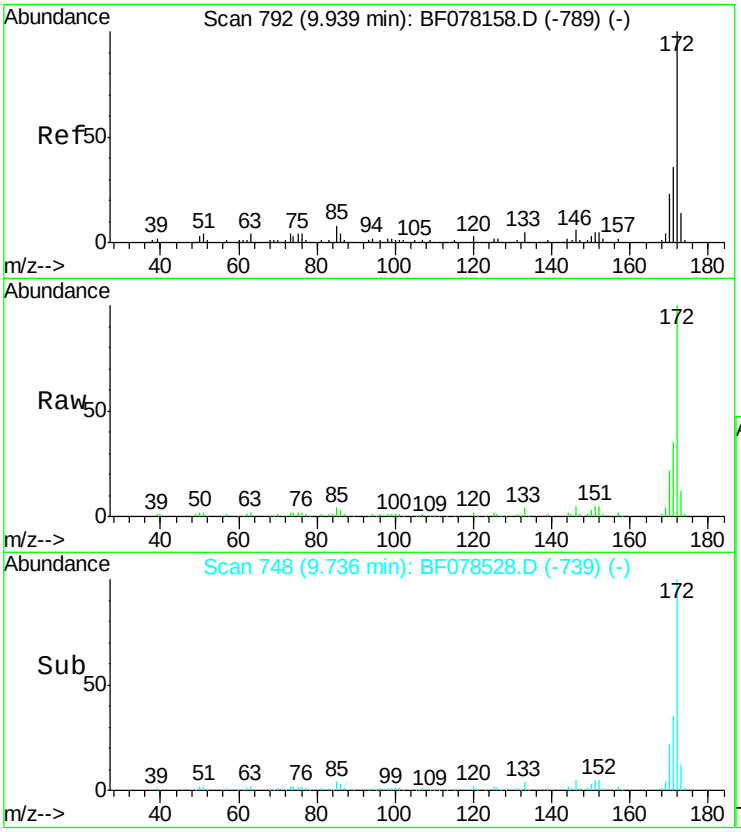


#41
2,4,6-Tribromophenol
Concen: 69.68 ng
RT: 11.52 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion:330 Resp: 39958

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.6	117.8
141	39.4	31.2	46.8



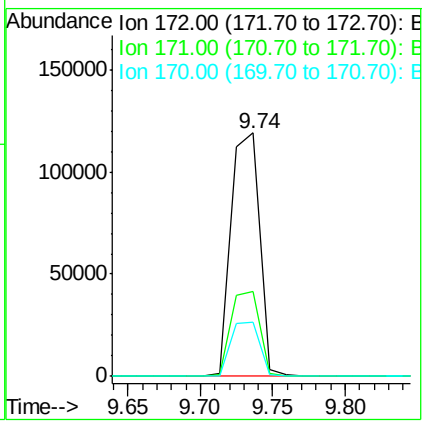


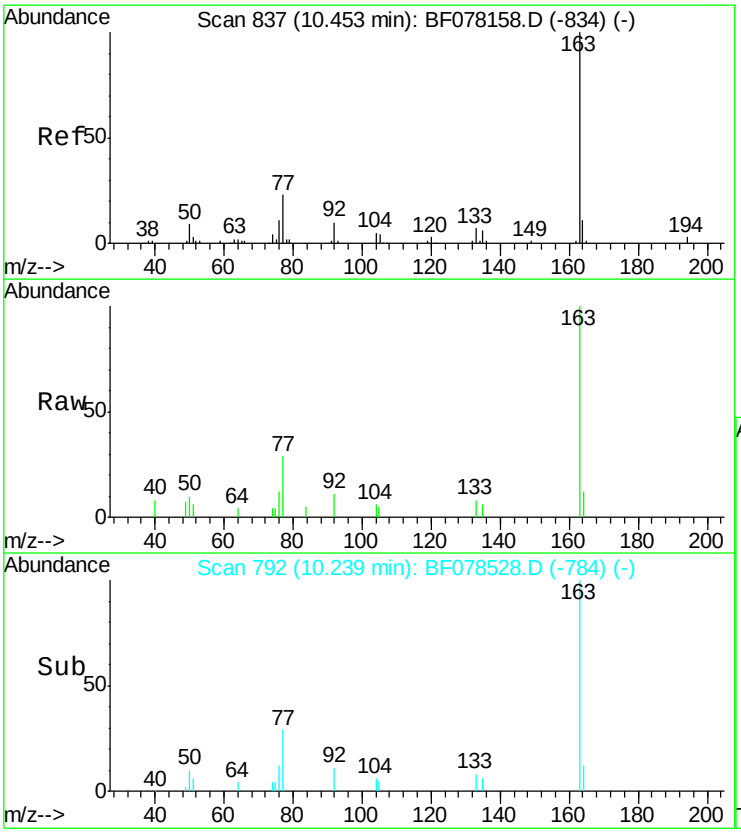
#44
2-Fluorobiphenyl
Concen: 33.78 ng
RT: 9.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:172 Resp: 163415

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	22.4	18.5	27.7

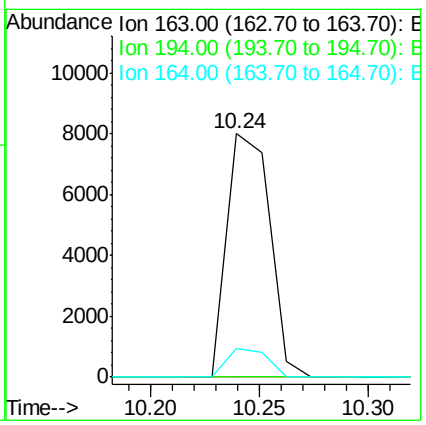


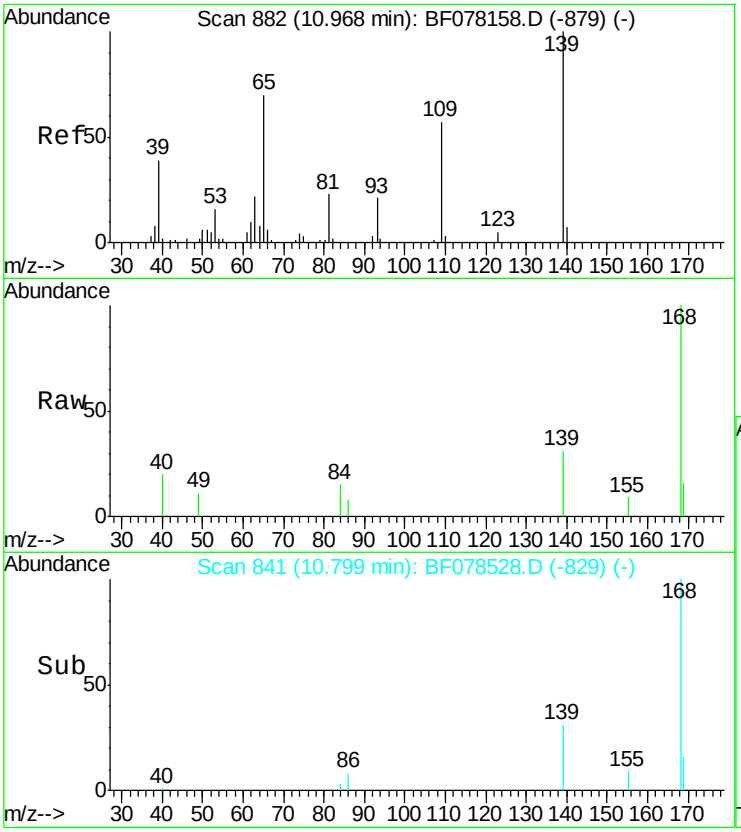


#49
Dimethylphthalate
Concen: 2.10 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion:163 Resp: 10918

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.3	3.5#
164	12.0	8.6	13.0



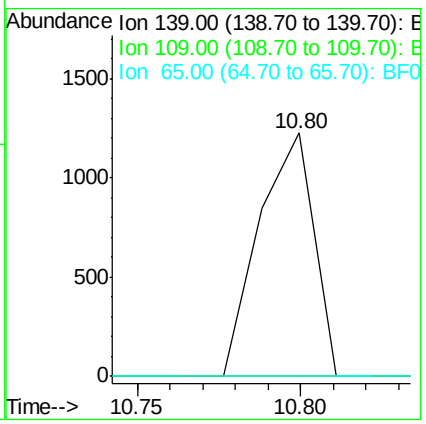


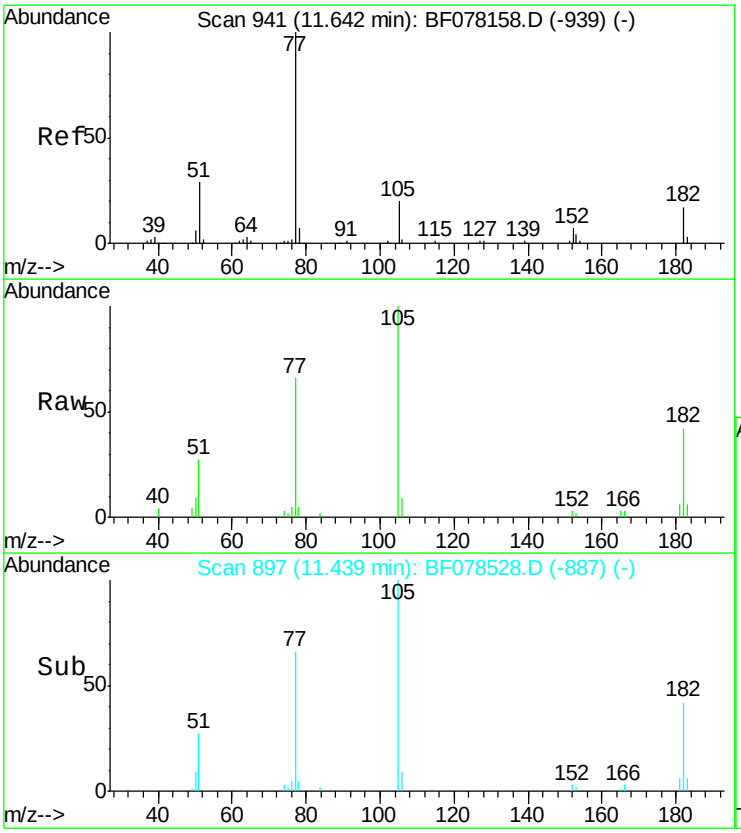
#55
4-Nitrophenol
Concen: 4.30 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.03 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:139 Resp: 1421

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

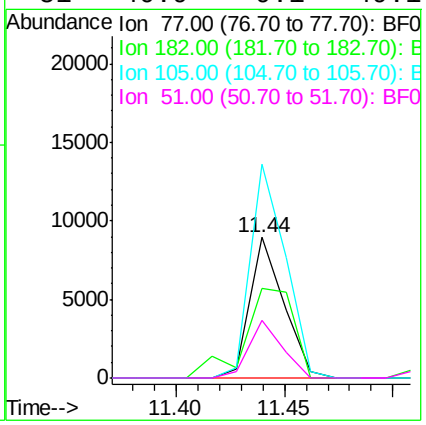


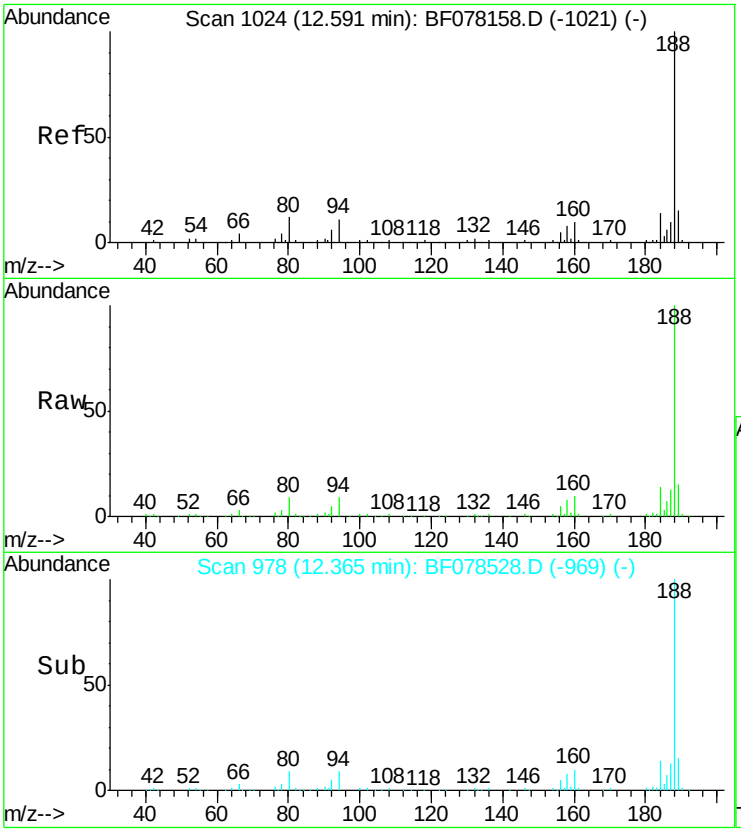


#62
Azobenzene
Concen: 2.14 ng
RT: 11.44 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion: 77 Resp: 9760

Ion	Ratio	Lower	Upper
77	100		
182	64.2	0.0	36.8#
105	152.1	0.3	40.3#
51	40.9	9.1	49.1



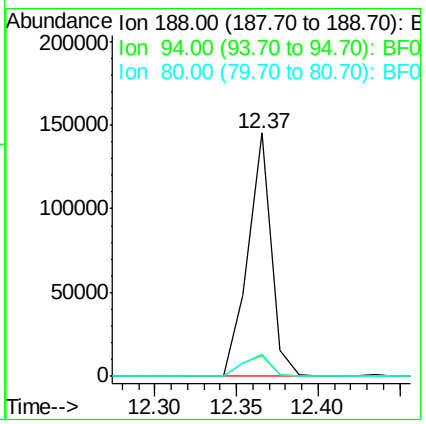


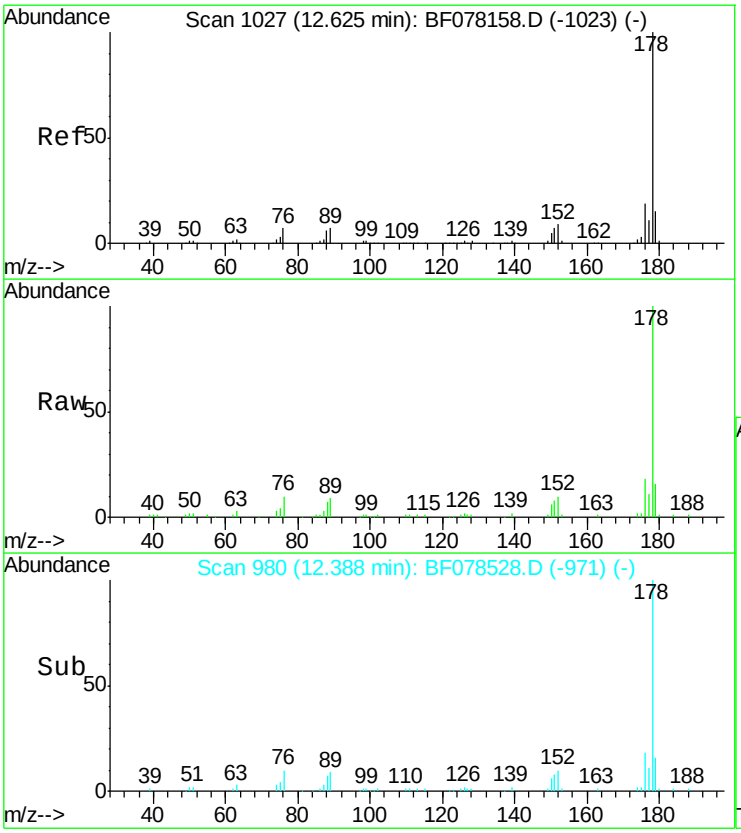
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:188 Resp: 144389

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	8.9	9.5	14.3#

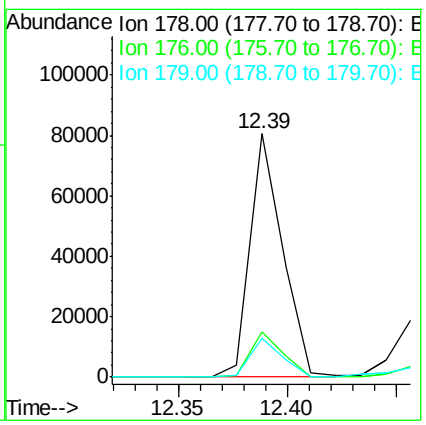


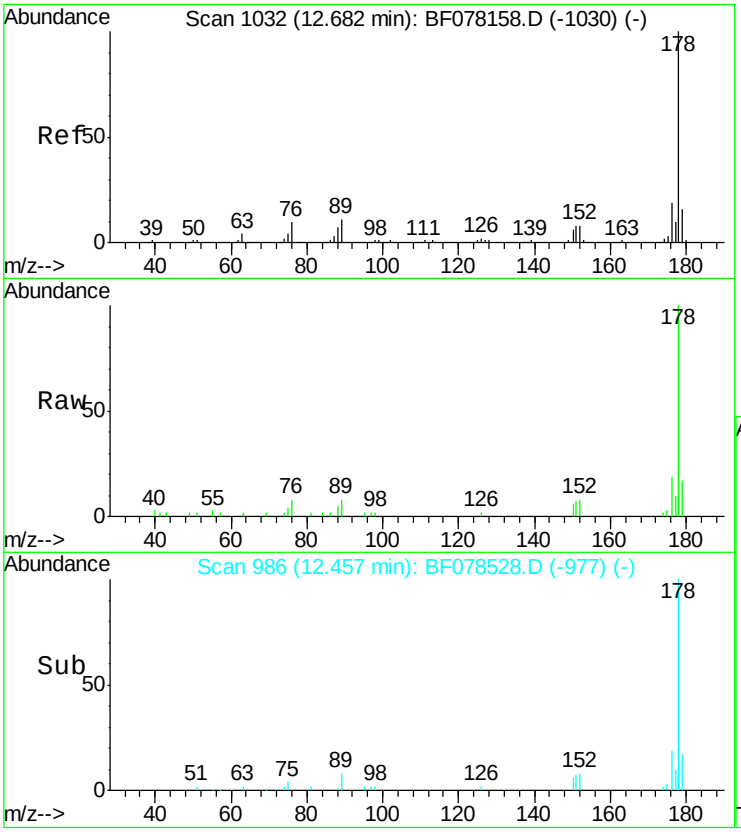


#70
Phenanthrene
Concen: 10.03 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion:178 Resp: 83791

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	16.1	12.2	18.2



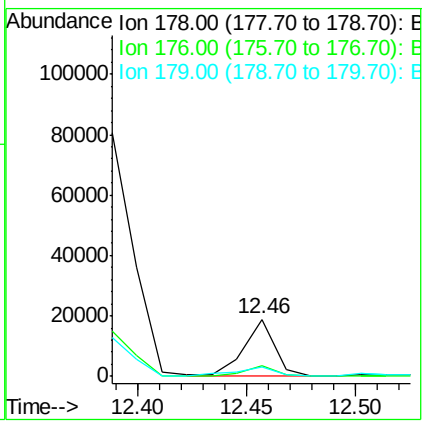


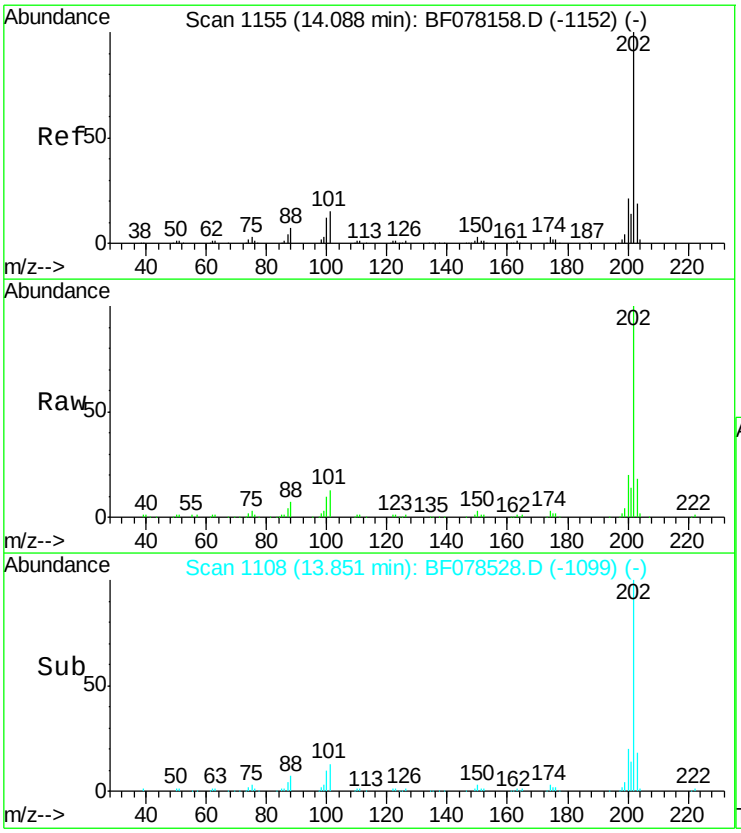
#71
Anthracene
Concen: 2.16 ng
RT: 12.46 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:178 Resp: 17805

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	17.3	12.4	18.6

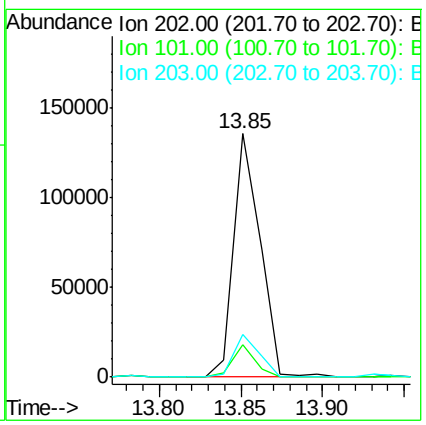


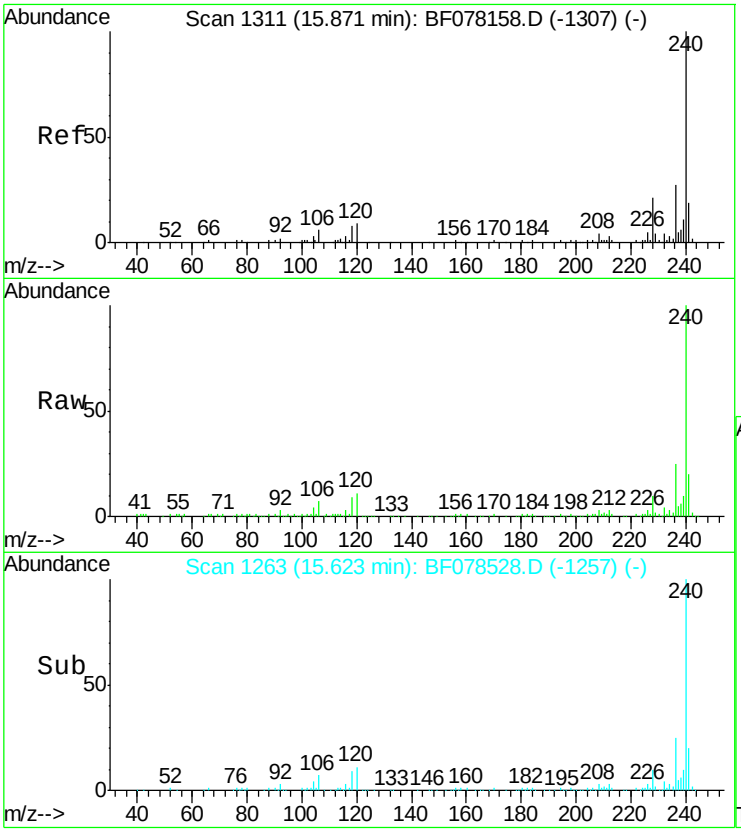


#74
Fluoranthene
Concen: 17.19 ng
RT: 13.85 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion:202 Resp: 151445

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	35.2
203	17.7	0.0	38.5



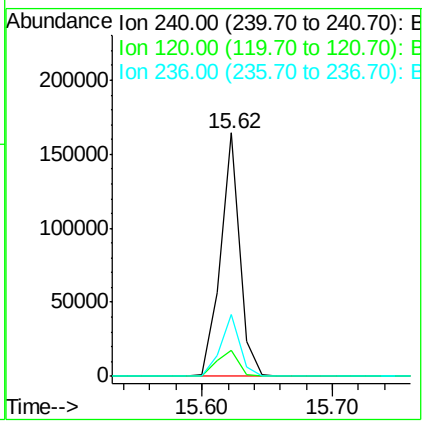


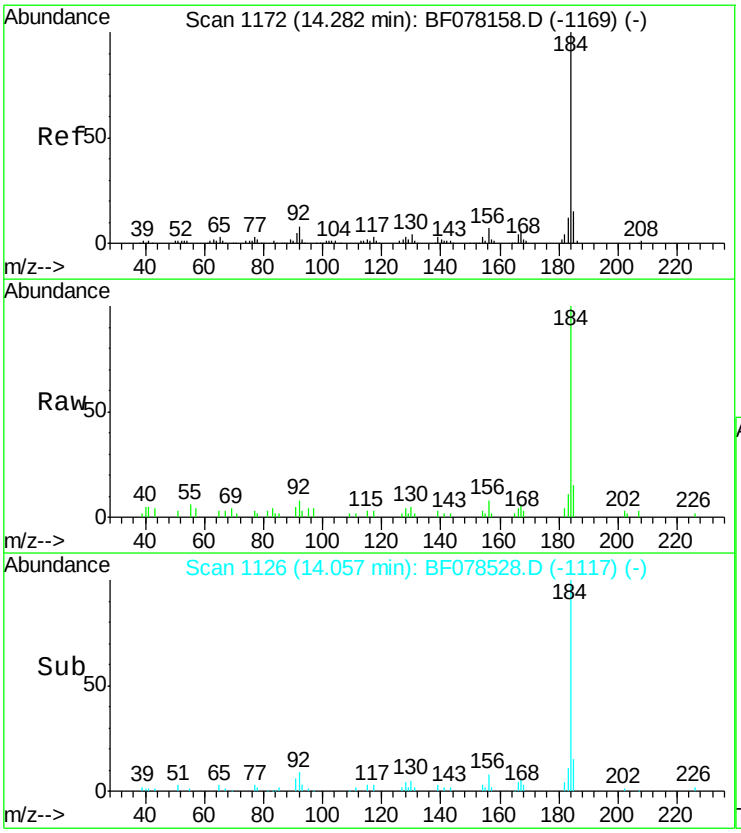
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:240 Resp: 170995

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.1	10.7
236	25.4	21.4	32.2

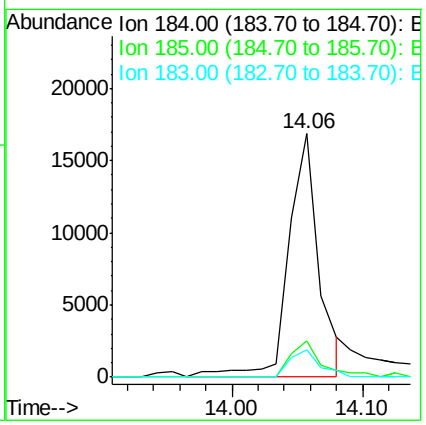


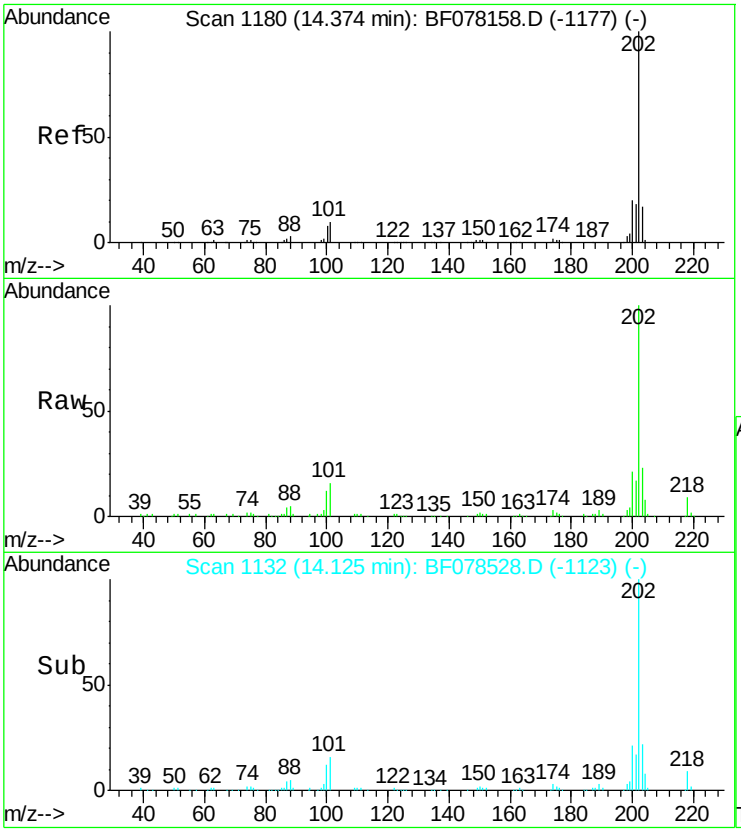


#76
Benzidine
Concen: 4.11 ng
RT: 14.06 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion:184 Resp: 27053

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	11.1	9.5	14.3



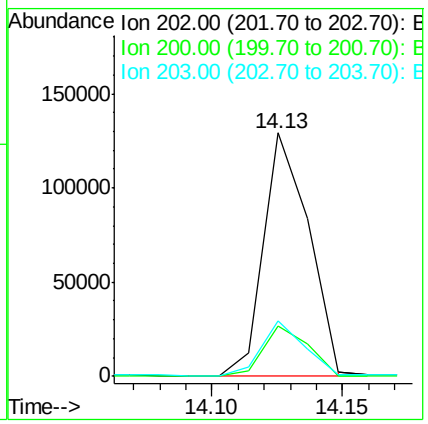


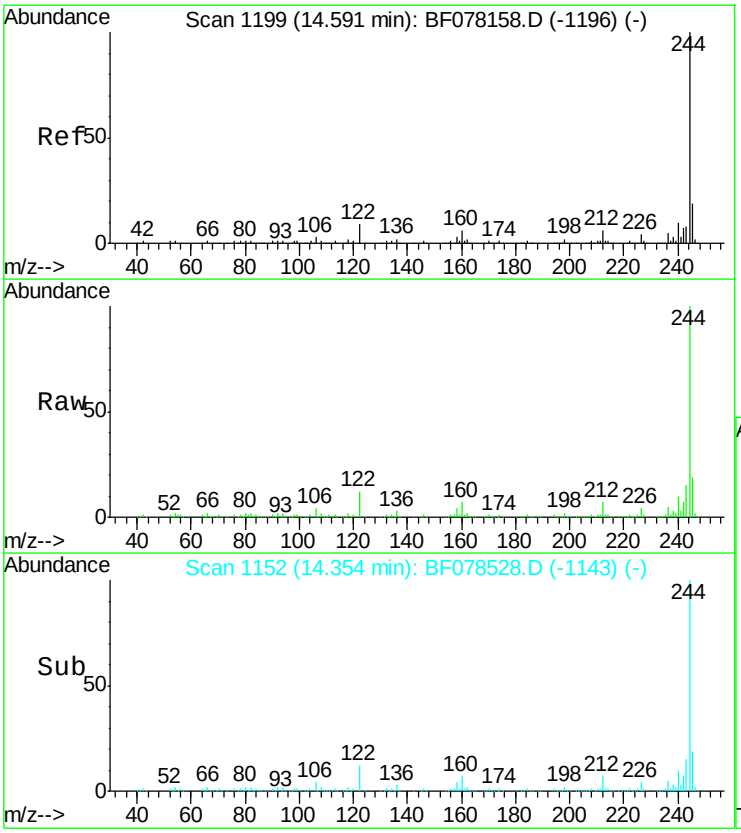
#77
Pyrene
Concen: 14.55 ng
RT: 14.13 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:202 Resp: 156227

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	23.0	13.8	20.6#

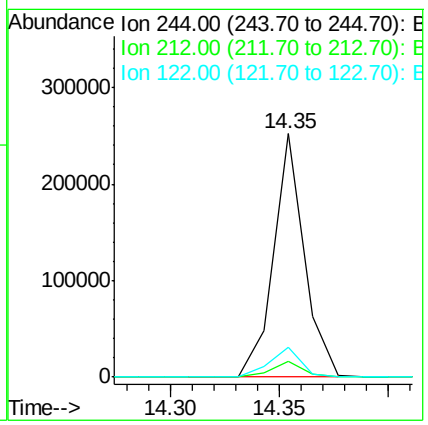


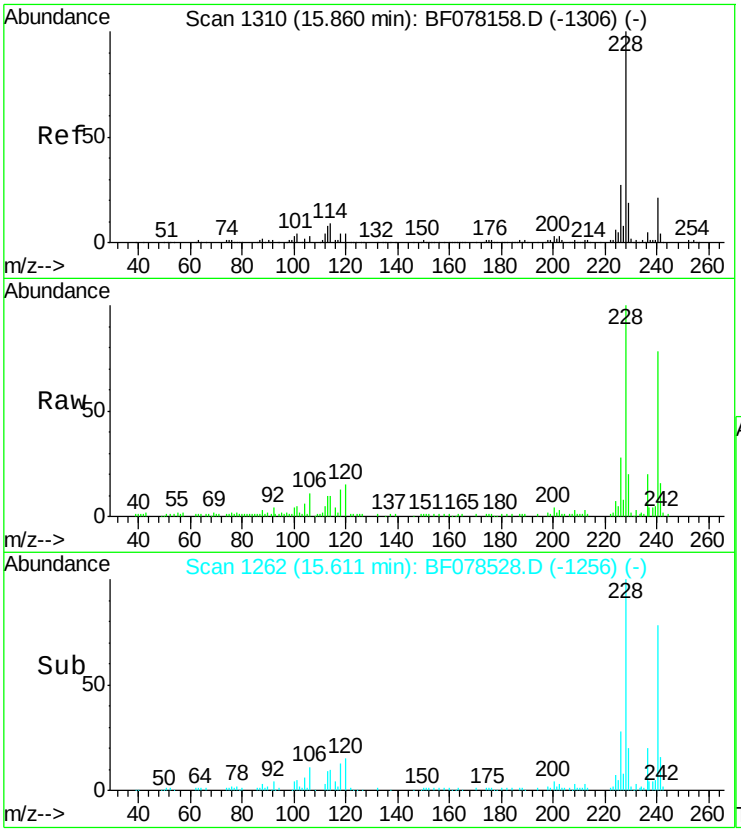


#78
Terphenyl-d14
Concen: 33.09 ng
RT: 14.35 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion:244 Resp: 250411

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	12.1	7.1	10.7#



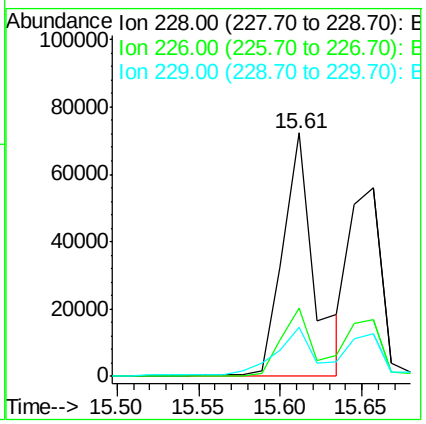


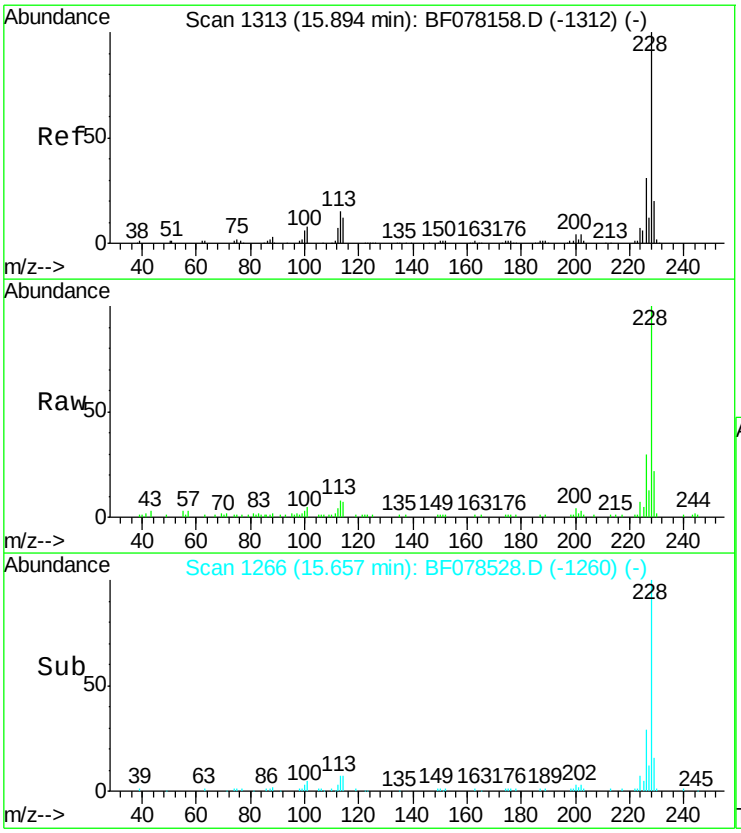
#80
Benzo(a)anthracene
Concen: 9.61 ng
RT: 15.61 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:228 Resp: 97735

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.3	31.9
229	20.4	15.4	23.2

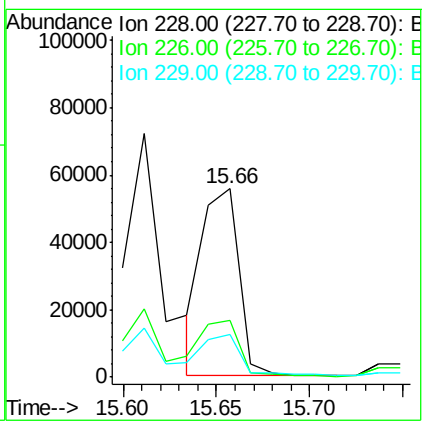


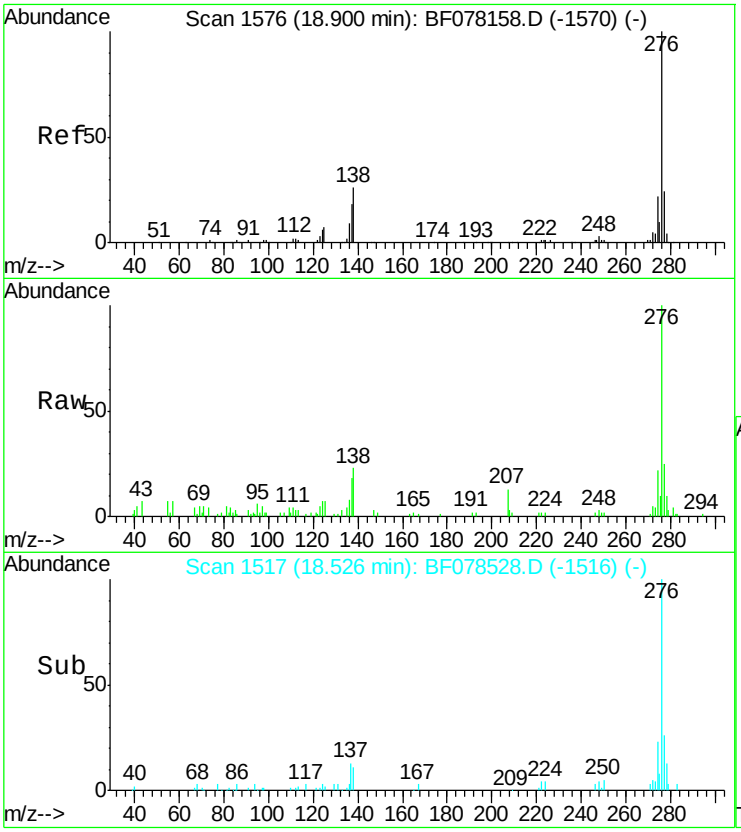


#82
Chrysene
Concen: 7.96 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion:228 Resp: 76118

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	22.4	15.8	23.8



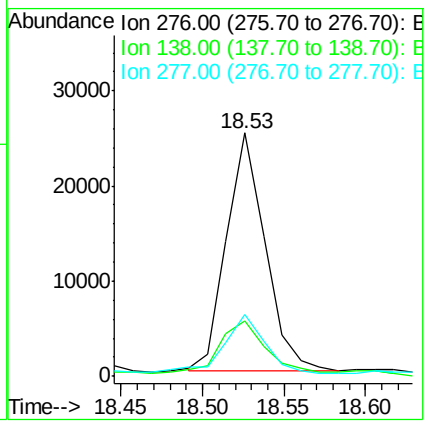


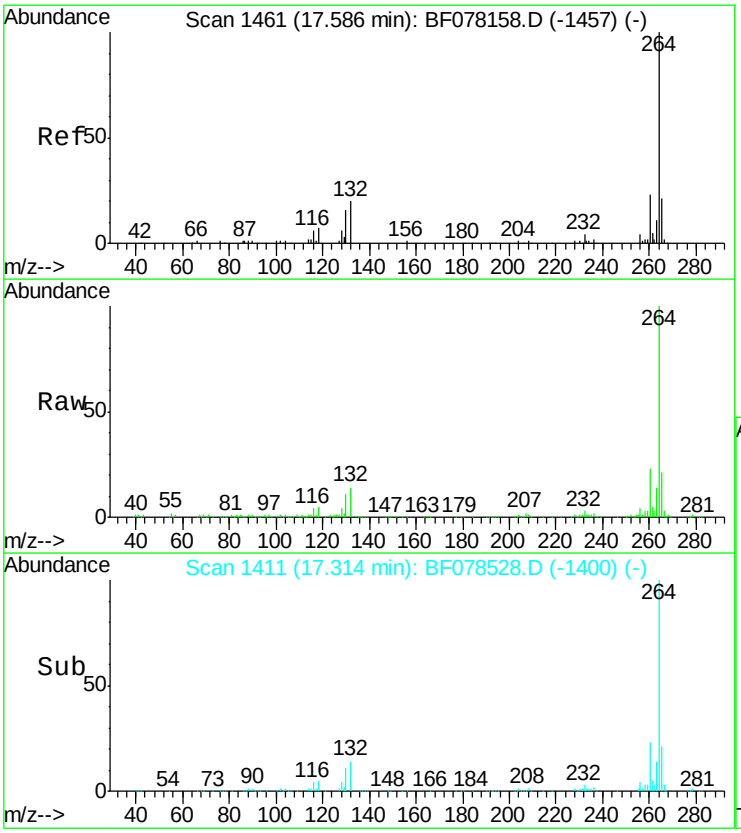
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.79 ng
RT: 18.53 min Scan# 1517
Delta R.T. -0.29 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:276 Resp: 41121

Ion	Ratio	Lower	Upper
276	100		
138	23.8	16.9	25.3
277	23.3	15.8	23.6

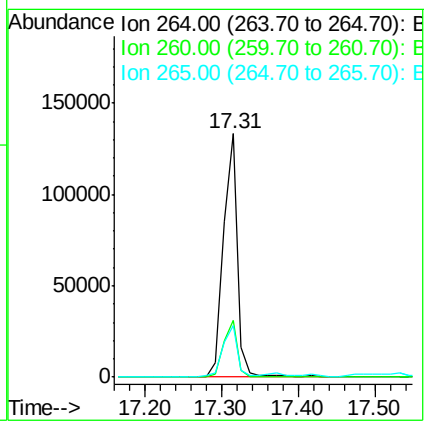


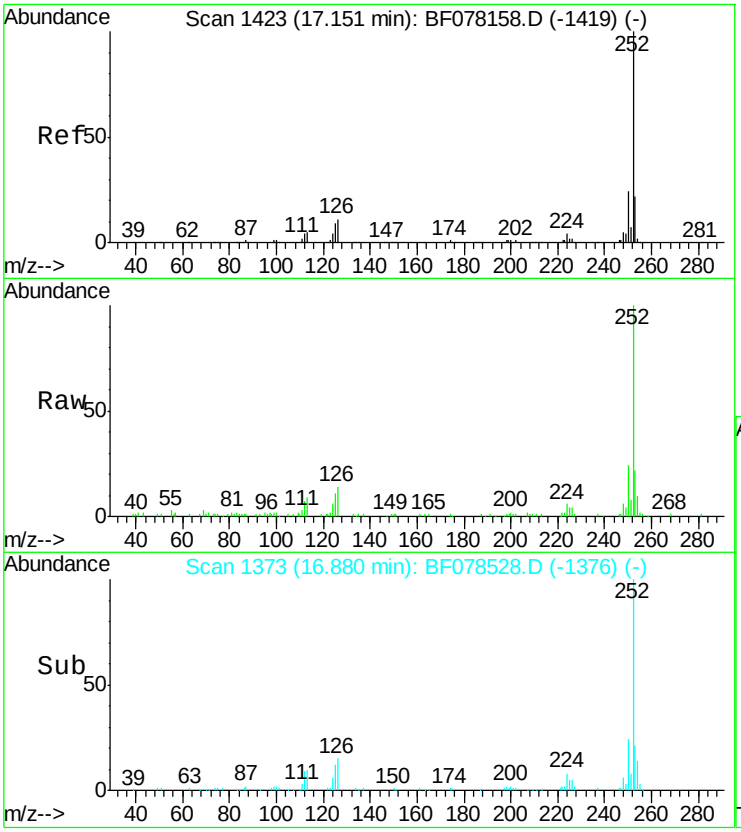


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.31 min Scan# 1411
Delta R.T. -0.17 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion:264 Resp: 172523

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.2	17.0	25.6



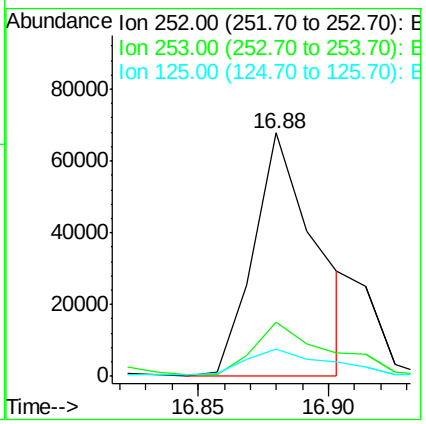


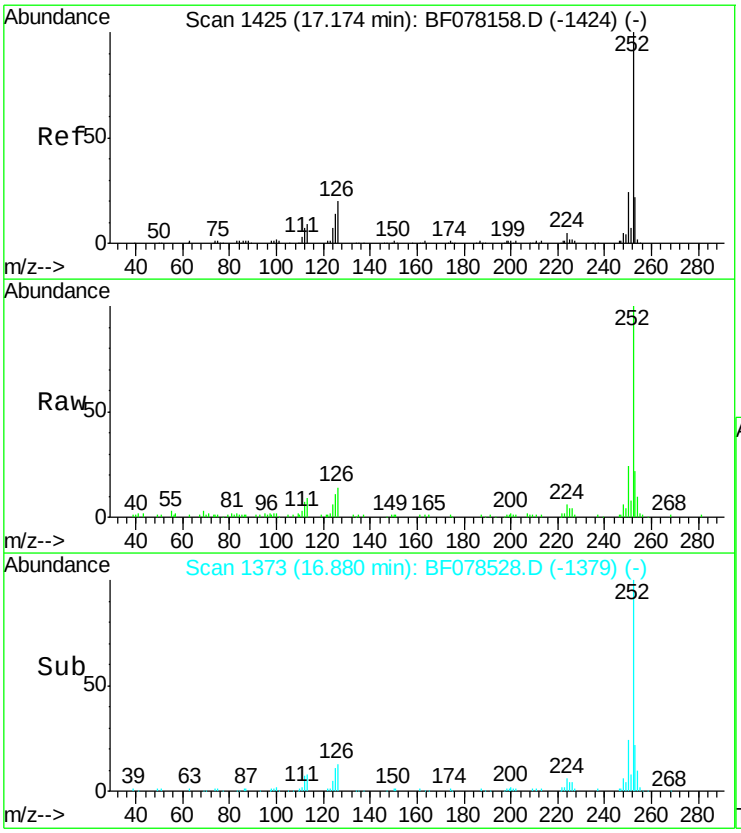
#87
Benzo(b)fluoranthene
Concen: 10.56 ng
RT: 16.88 min Scan# 1373
Delta R.T. -0.14 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:252 Resp: 112646

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.5	7.0	10.4#

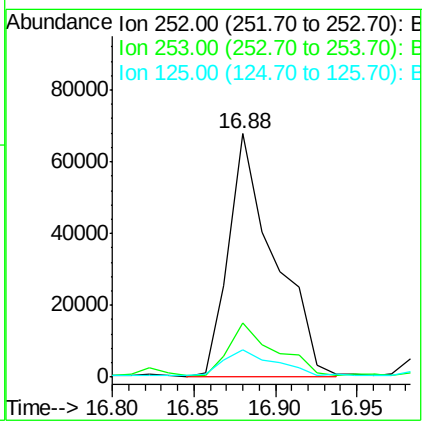


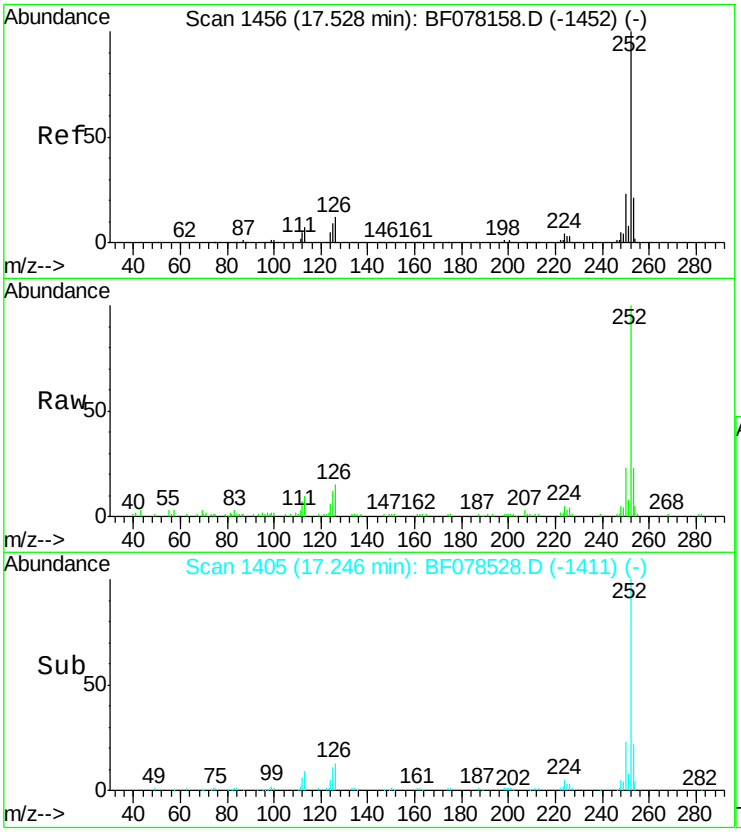


#88
Benzo(k)fluoranthene
Concen: 14.00 ng
RT: 16.88 min Scan# 1373
Delta R.T. -0.17 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Tgt Ion:252 Resp: 132617

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.5	11.6	17.4#





#89
Benzo(a)pyrene
Concen: 7.57 ng
RT: 17.25 min Scan# 1405
Delta R.T. -0.17 min
Lab File: BF078528.D
Acq: 15 Apr 2015 7:15

Instrument :
BNA_F
ClientSampleId :
EP-1RE

Tgt Ion:252 Resp: 70484

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.8	25.2
125	12.3	7.4	11.0#