Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078482.D
Acq On : 14 Apr 2015 3:42
Operator : TP/IZ
Sample : G1841-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-1

Quant Time: Apr 14 04:36:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 04:24:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	39541	20.00	ng		0.00
21) Naphthalene-d8	8.40	136	166692	20.00	ng		-0.01
38) Acenaphthene-d10	10.56	164	88041	20.00	ng		-0.01
63) Phenanthrene-d10	12.39	188	172871	20.00	ng		0.00
75) Chrysene-d12	15.63	240	190824	20.00	ng		-0.01
86) Perylene-d12	17.27	264	188845	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	59187	24.68	ng		0.01
7) Phenol-d6	6.42	99	114497	38.10	ng		-0.01
23) Nitrobenzene-d5	7.53	82	65307	23.75	ng		0.00
41) 2,4,6-Tribromophenol	11.54	330	46424	63.58	ng		0.00
44) 2-Fluorobiphenyl	9.75	172	206712	33.56	ng		-0.01
78) Terphenyl-d14	14.38	244	311394	36.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	96339	88.84	ng	#	25
49) Dimethylphthalate	10.26	163	15202	2.30	ng	#	96
55) 4-Nitrophenol	10.82	139	1708	4.21	ng	#	18
62) Azobenzene	11.46	77	12008	2.06	ng	#	1
70) Phenanthrene	12.41	178	102409	10.24	ng		100
71) Anthracene	12.48	178	20218	2.05	ng		98
74) Fluoranthene	13.87	202	177273	16.81	ng		93
77) Pyrene	14.15	202	182491	15.23	ng		97
80) Benzo(a)anthracene	15.62	228	106714	9.40	ng		97
82) Chrysene	15.67	228	92192	8.64	ng		99
85) Indeno(1,2,3-cd)pyrene	18.47	276	56454	4.66	ng	#	85
87) Benzo(b)fluoranthene	16.87	252	145556	12.47	ng	#	96
88) Benzo(k)fluoranthene	16.87	252	146720	14.15	ng		97
89) Benzo(a)pyrene	17.21	252	77756	7.63	ng	#	94
91) Benzo(g,h,i)perylene	18.80	276	52290	5.11	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078482.D
Acq On : 14 Apr 2015 3:42
Operator : TP/IZ
Sample : G1841-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-1

Quant Time: Apr 14 04:36:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 04:24:31 2015
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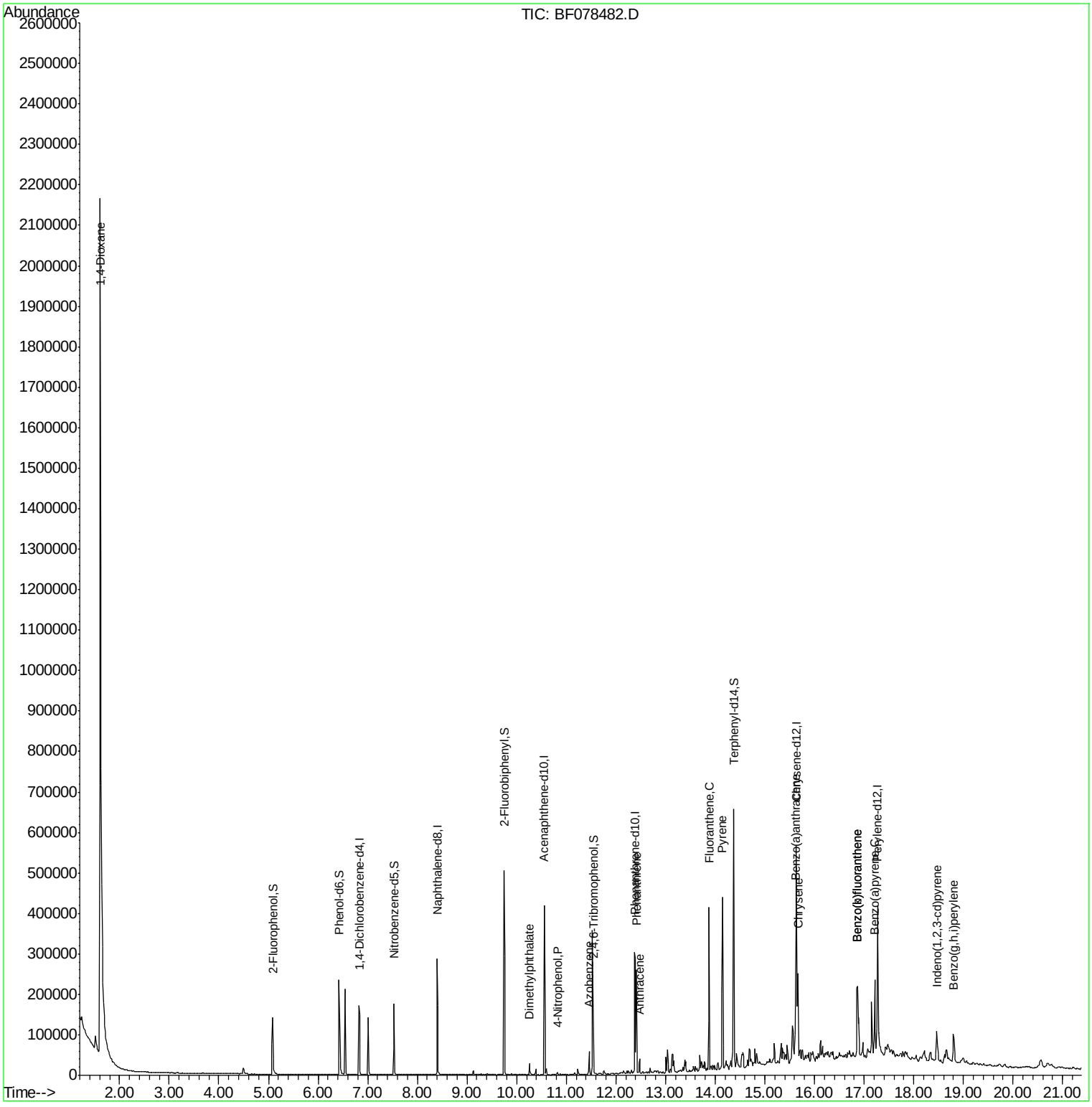
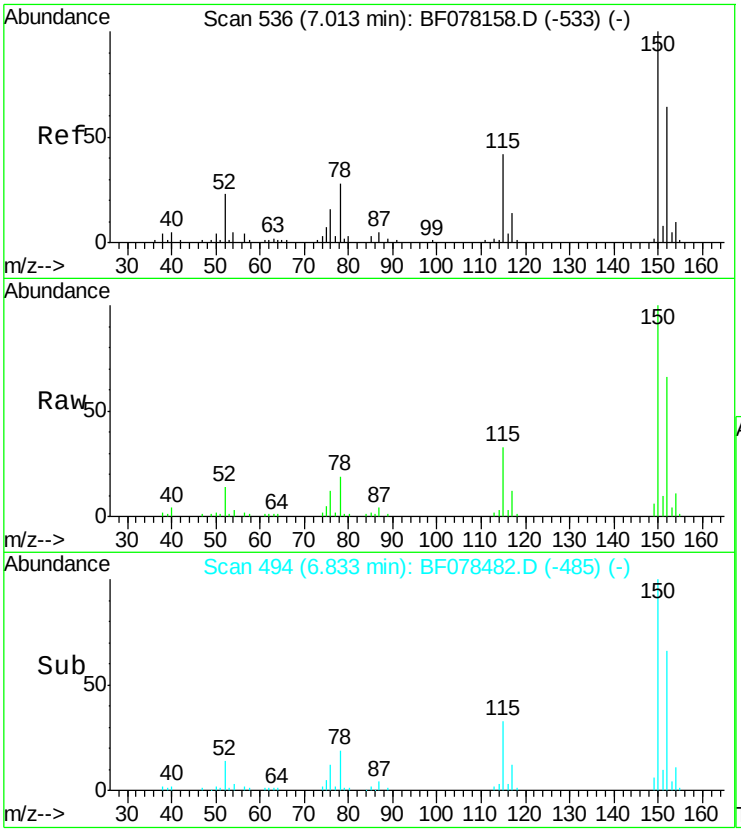


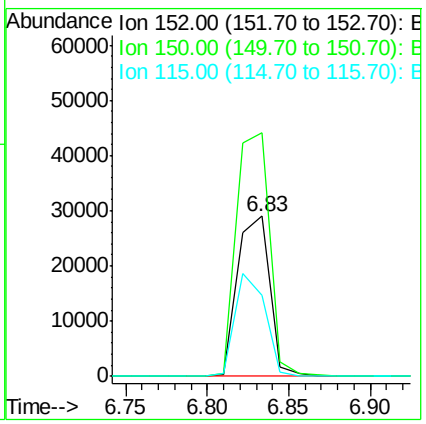


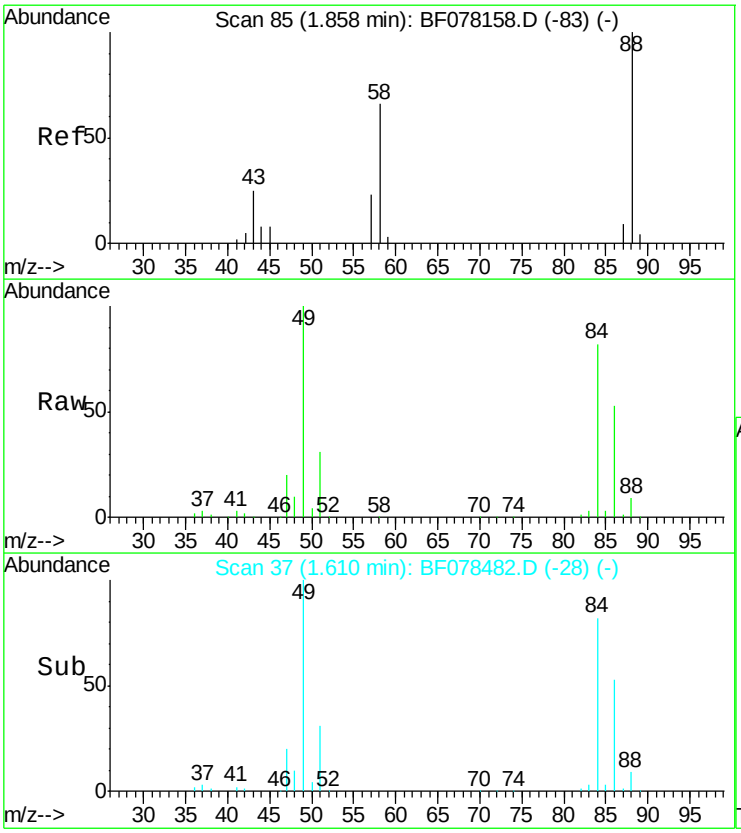
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:152 Resp: 39541

Ion	Ratio	Lower	Upper
152	100		
150	151.9	125.9	188.9
115	50.9	52.7	79.1#

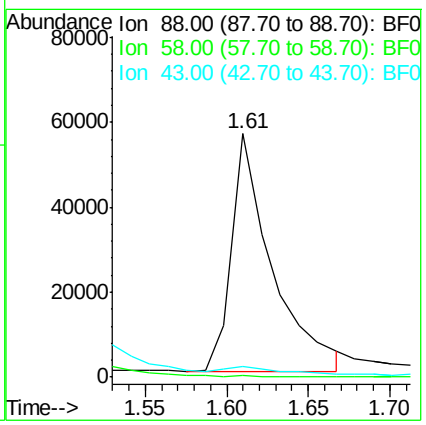


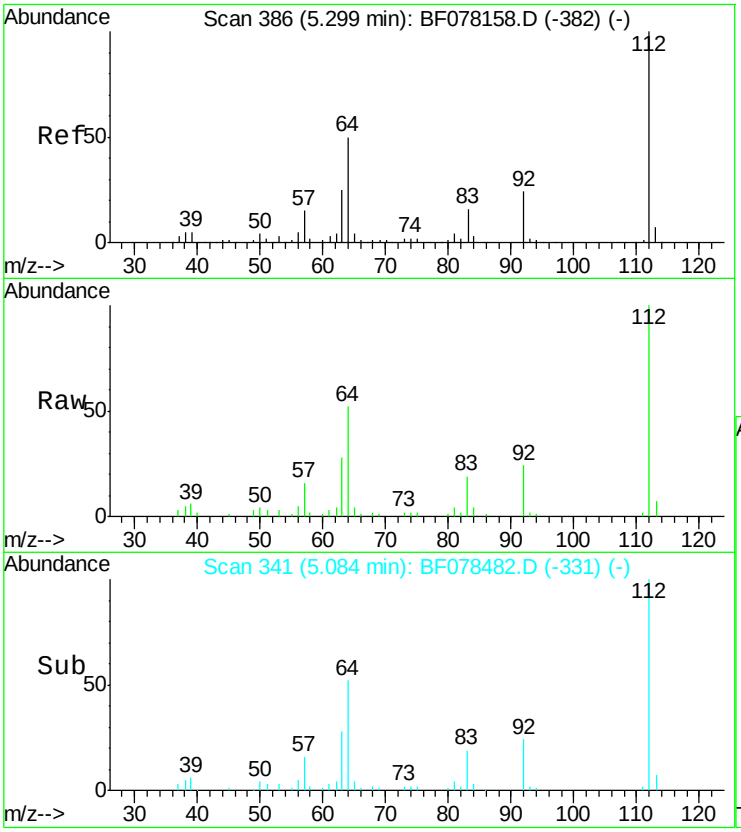


#2
1,4-Dioxane
Concen: 88.84 ng
RT: 1.61 min Scan# 37
Delta R.T. 0.00 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion: 88 Resp: 96339

Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	3.3	21.4	32.2#



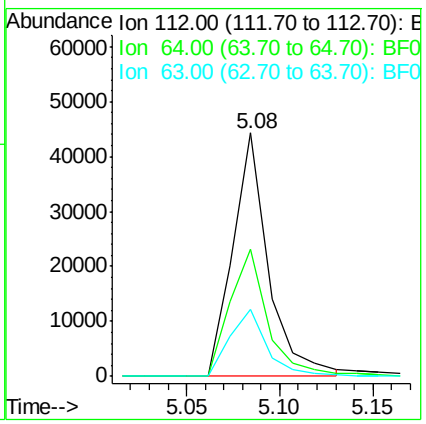


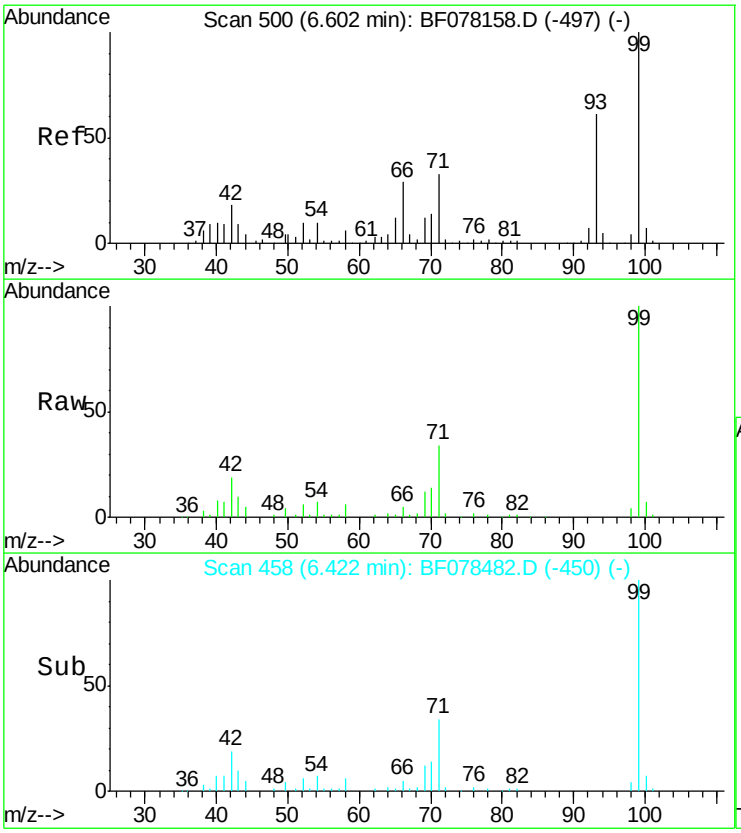
#5
2-Fluorophenol
Concen: 24.68 ng
RT: 5.08 min Scan# 341
Delta R.T. 0.01 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:112 Resp: 59187

Ion	Ratio	Lower	Upper
112	100		
64	52.2	39.9	59.9
63	27.6	20.2	30.4

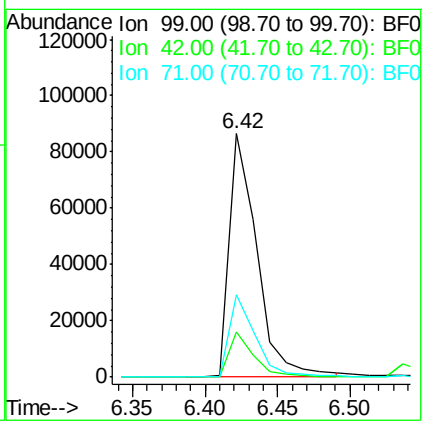


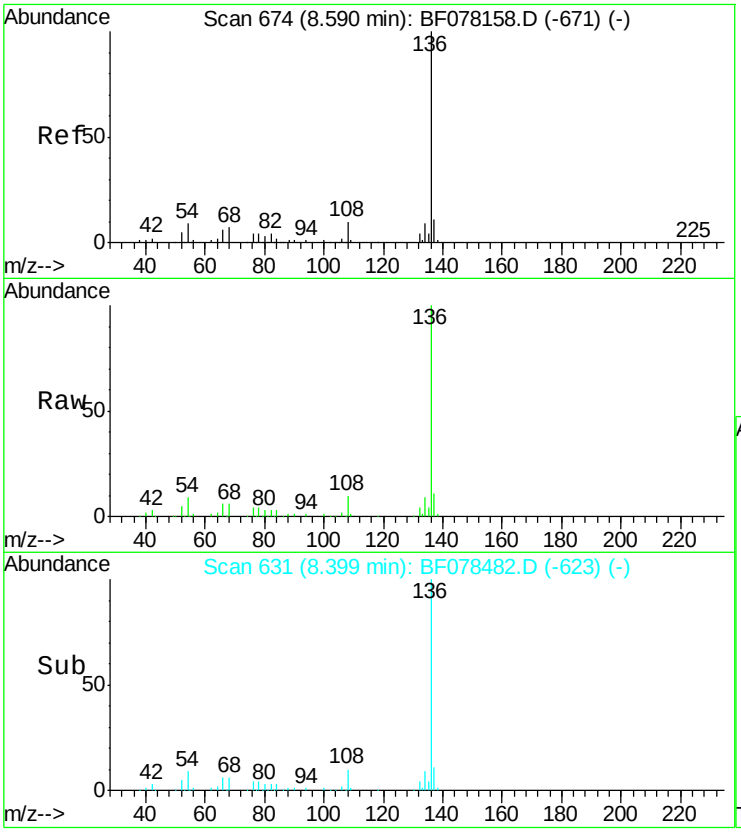


#7
Phenol-d6
Concen: 38.10 ng
RT: 6.42 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion: 99 Resp: 114497

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	34.0	26.6	39.8



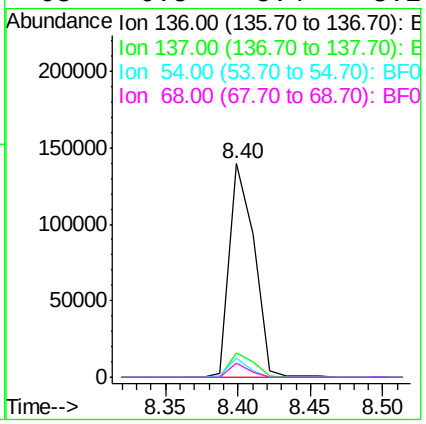


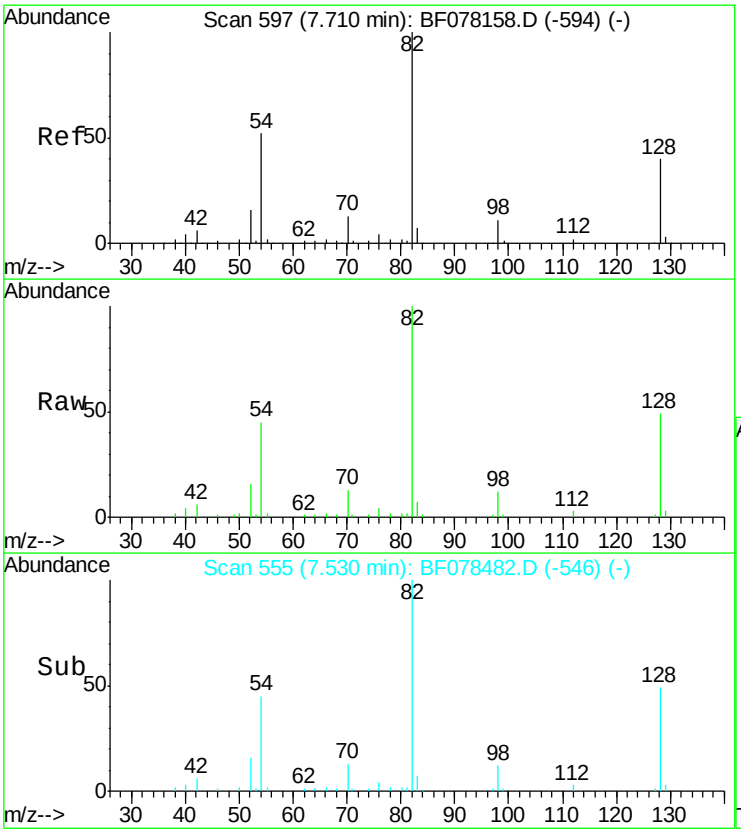
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.40 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:136 Resp: 166692

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.2	7.0	10.6
68	6.5	5.4	8.2

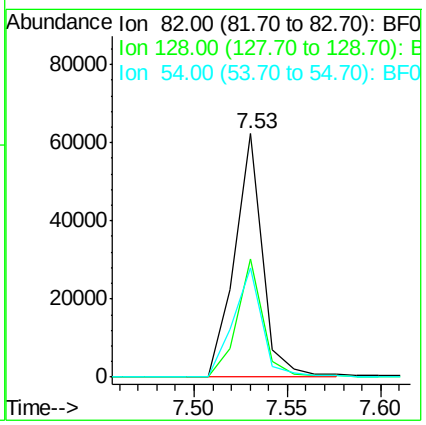


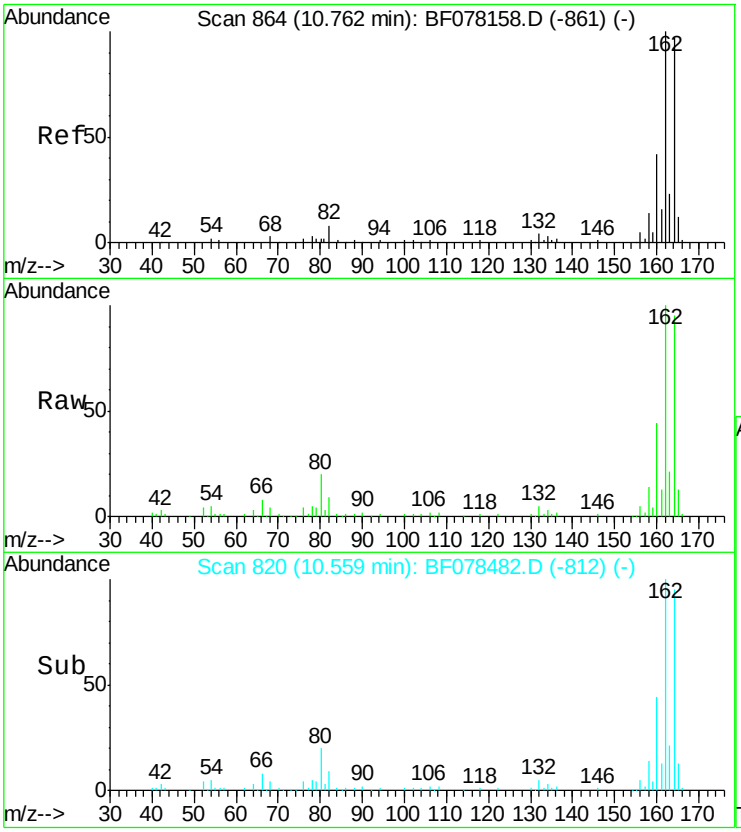


#23
Nitrobenzene-d5
Concen: 23.75 ng
RT: 7.53 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion: 82 Resp: 65307

Ion	Ratio	Lower	Upper
82	100		
128	48.6	31.8	47.8#
54	45.0	41.5	62.3



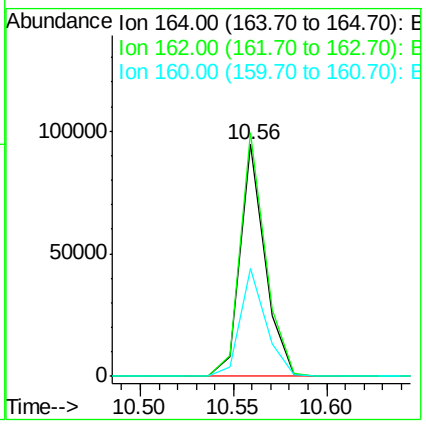


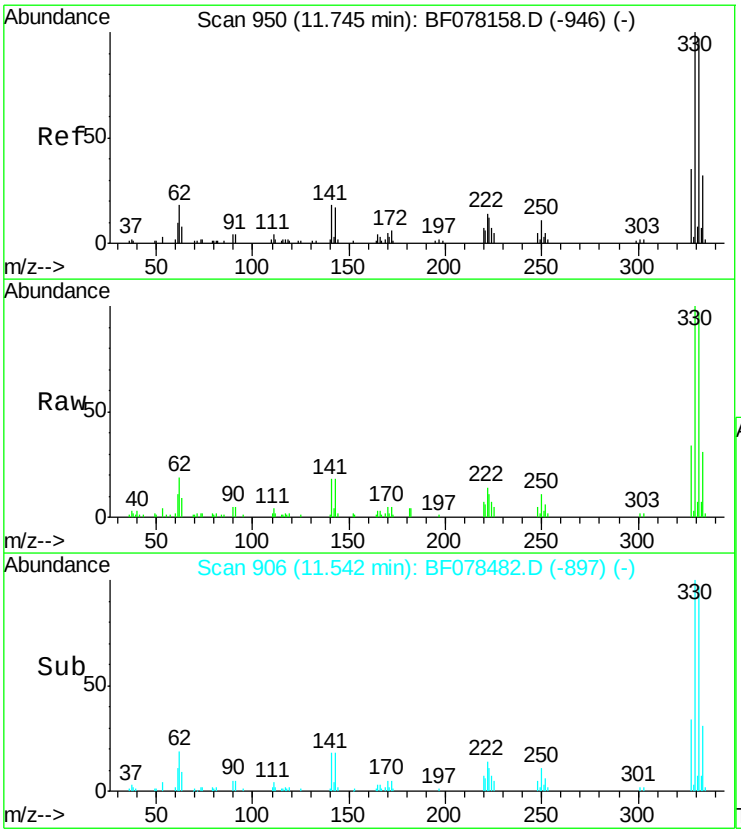
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:164 Resp: 88041

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.2	123.2
160	46.4	34.7	52.1

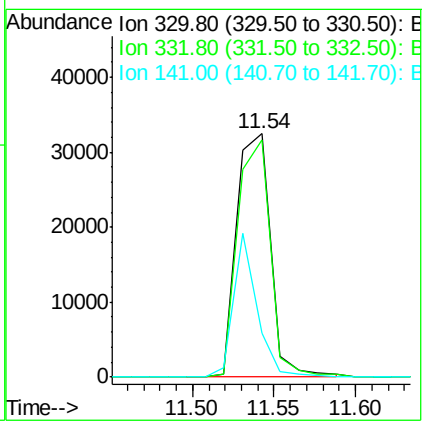


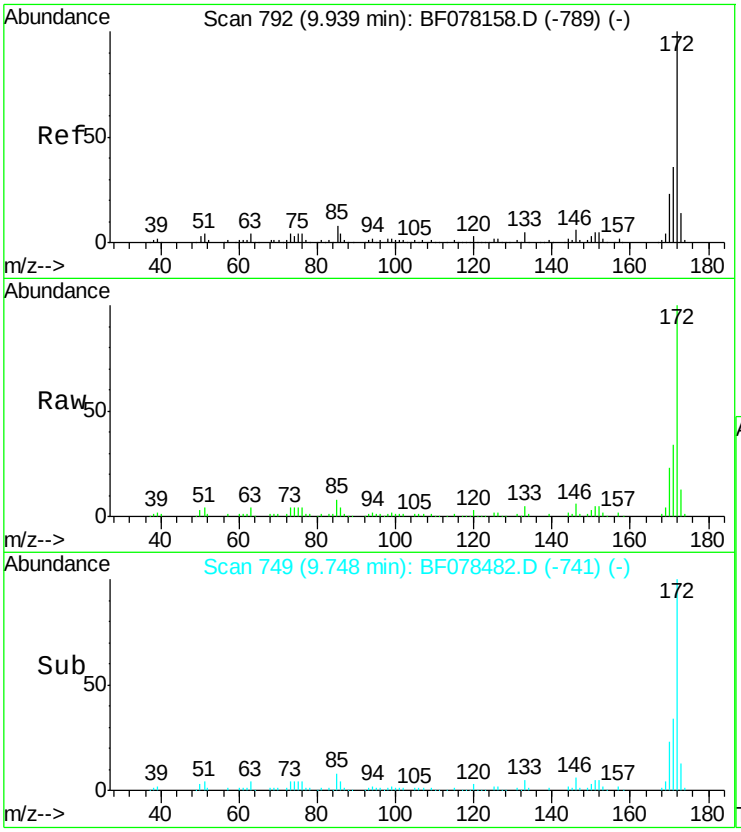


#41
2,4,6-Tribromophenol
Concen: 63.58 ng
RT: 11.54 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion:330 Resp: 46424

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.6	117.8
141	40.9	31.2	46.8



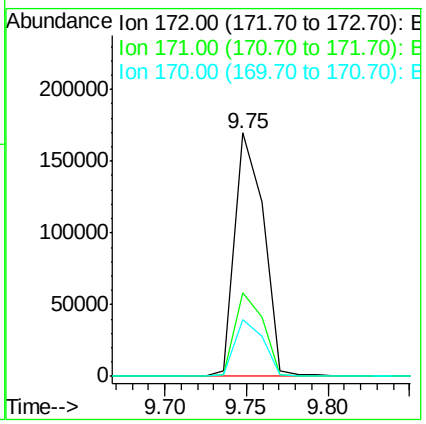


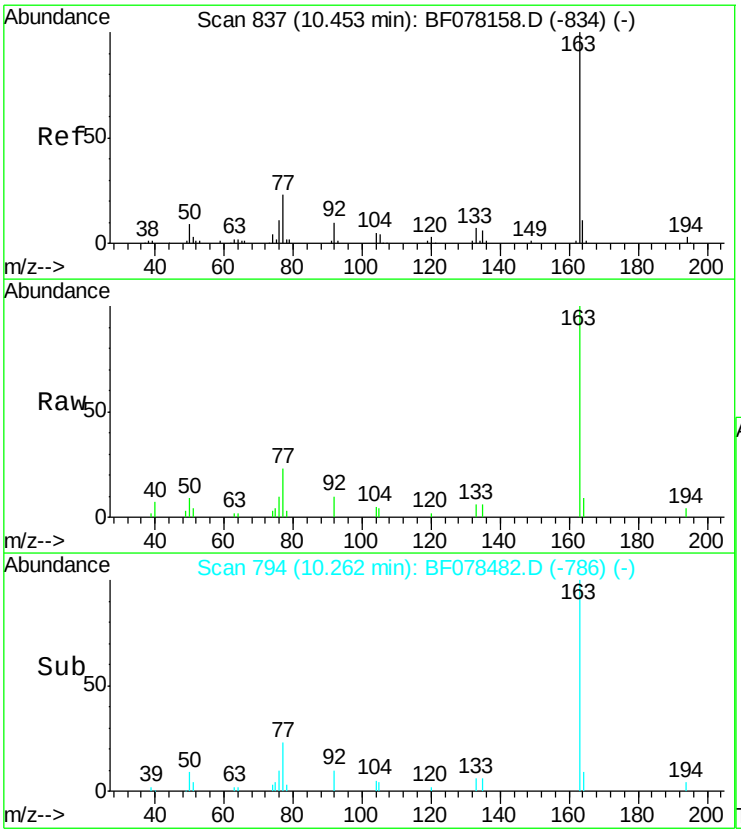
#44
2-Fluorobiphenyl
Concen: 33.56 ng
RT: 9.75 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:172 Resp: 206712

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	23.3	18.5	27.7

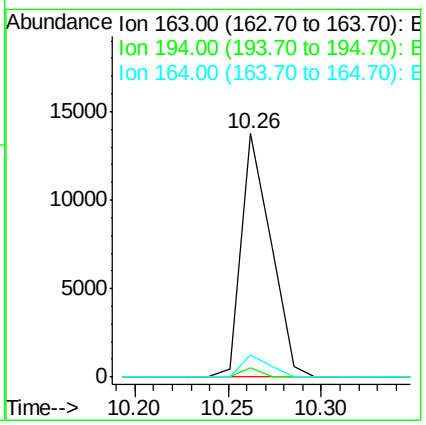


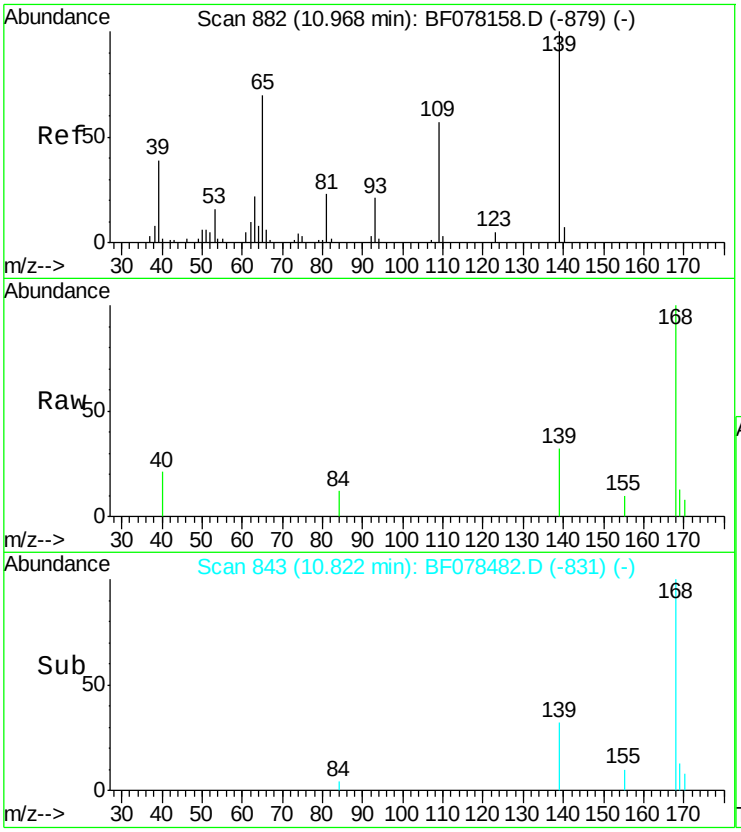


#49
Dimethylphthalate
Concen: 2.30 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion:163 Resp: 15202

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.3	3.5#
164	9.3	8.6	13.0



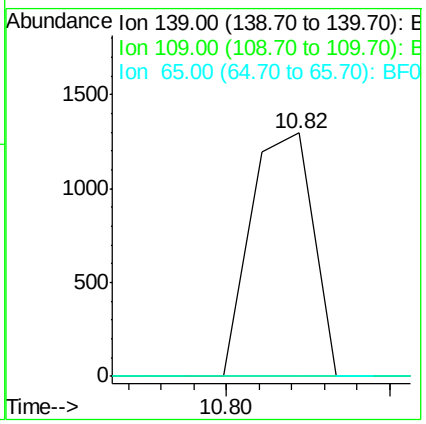


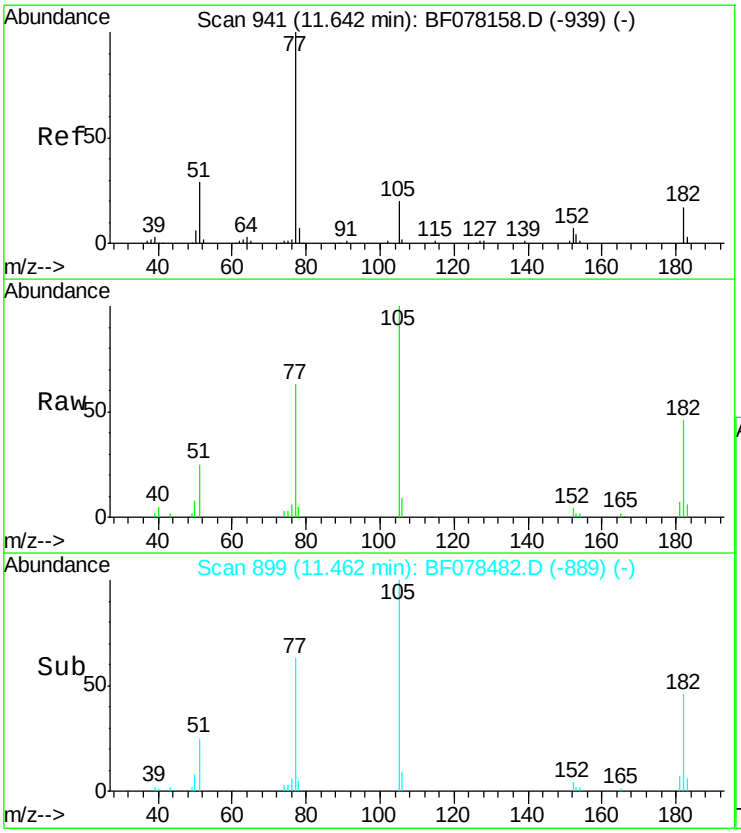
#55
4-Nitrophenol
Concen: 4.21 ng
RT: 10.82 min Scan# 843
Delta R.T. 0.03 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:139 Resp: 1708

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

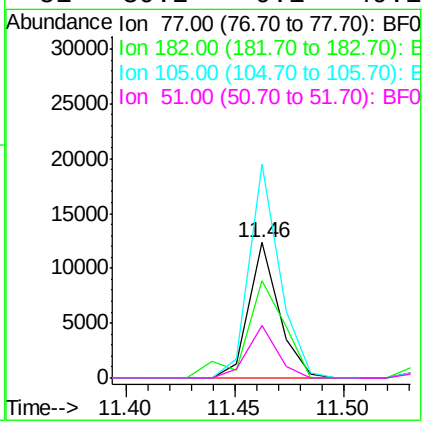


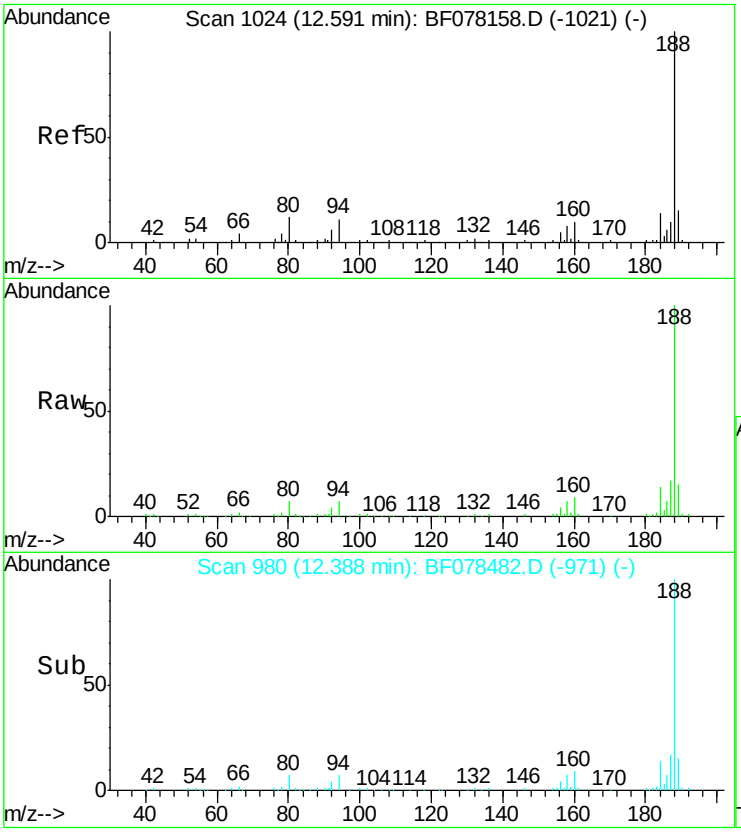


#62
Azobenzene
Concen: 2.06 ng
RT: 11.46 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion: 77 Resp: 12008

Ion	Ratio	Lower	Upper
77	100		
182	72.1	0.0	36.8#
105	158.0	0.3	40.3#
51	39.2	9.1	49.1



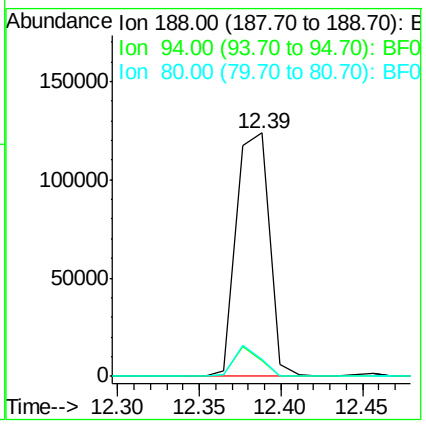


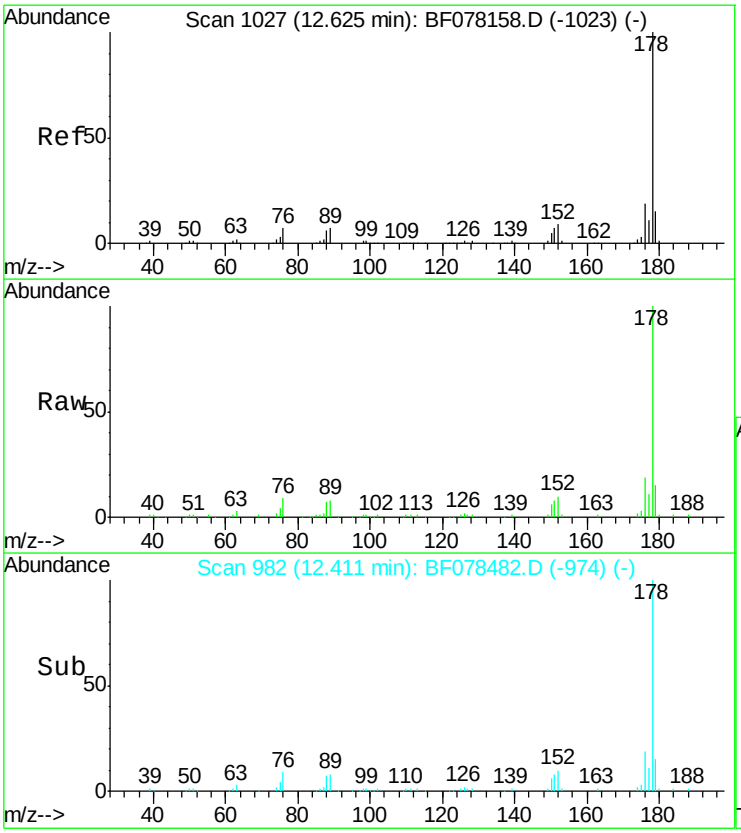
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:188 Resp: 172871

Ion	Ratio	Lower	Upper
188	100		
94	6.7	9.0	13.4#
80	7.2	9.5	14.3#

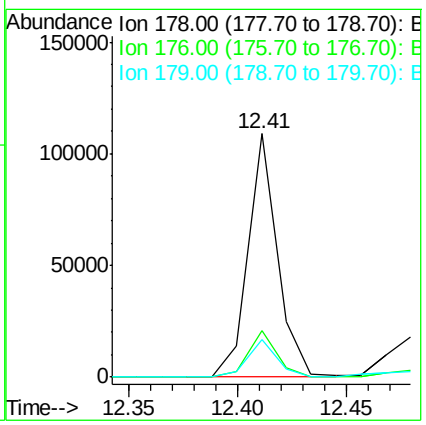


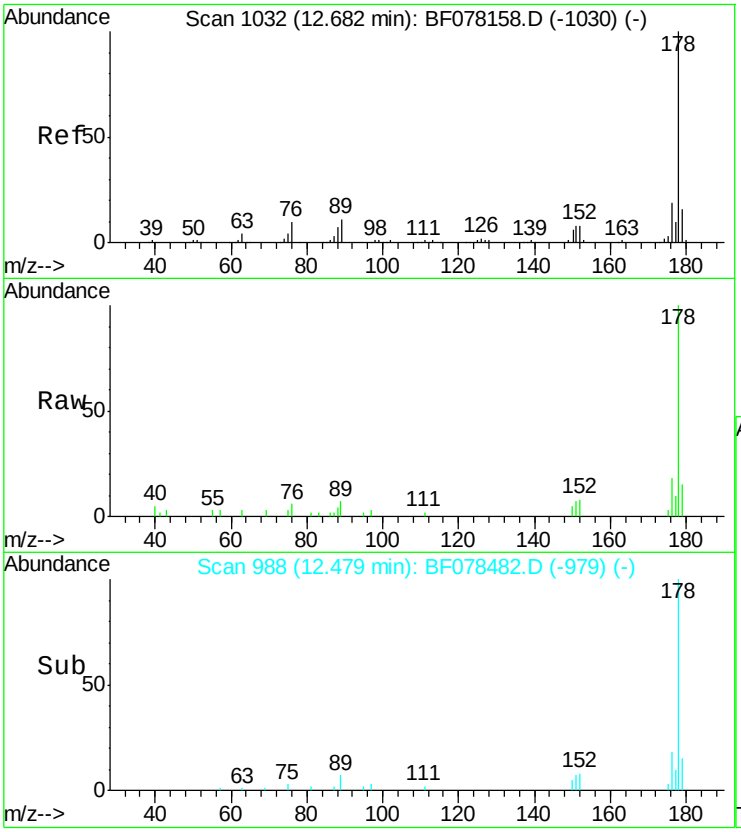


#70
Phenanthrene
Concen: 10.24 ng
RT: 12.41 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion:178 Resp: 102409

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.3	12.2	18.2



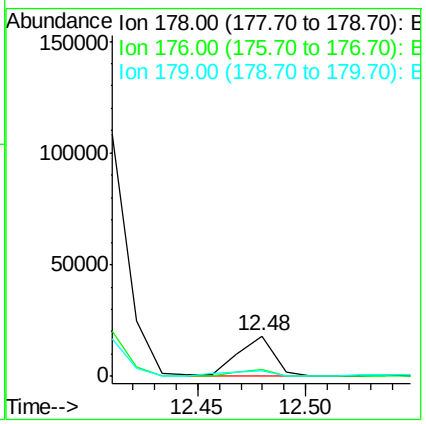


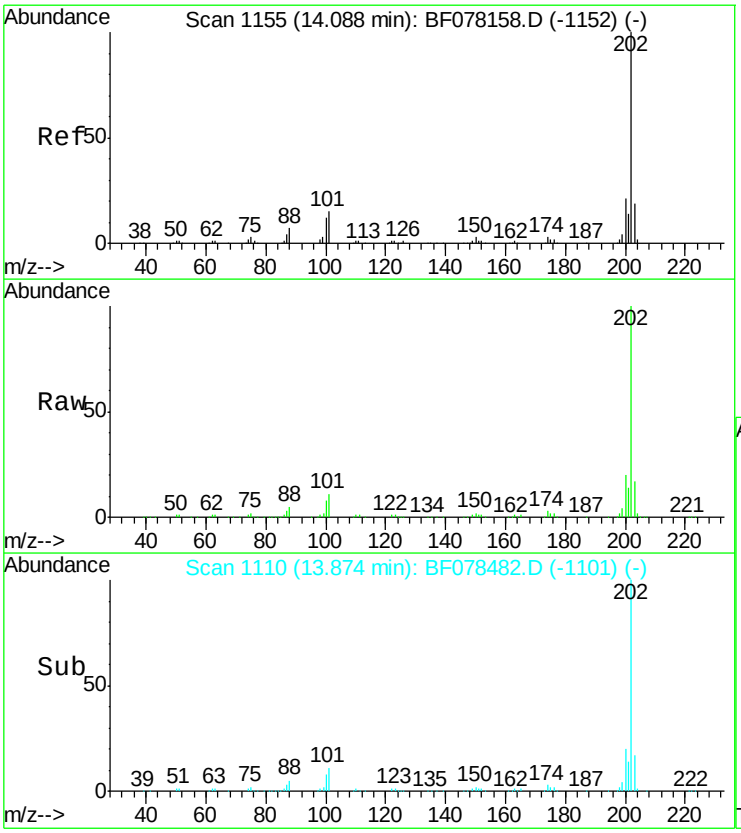
#71
Anthracene
Concen: 2.05 ng
RT: 12.48 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:178 Resp: 20218

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.8	22.2
179	14.6	12.4	18.6

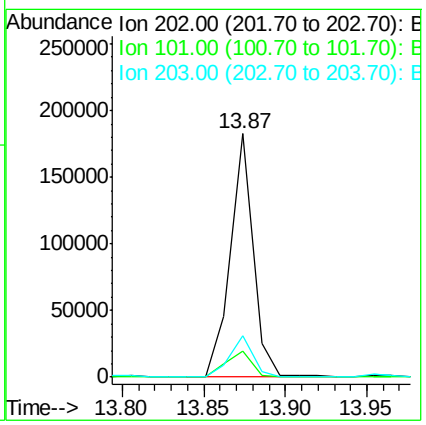


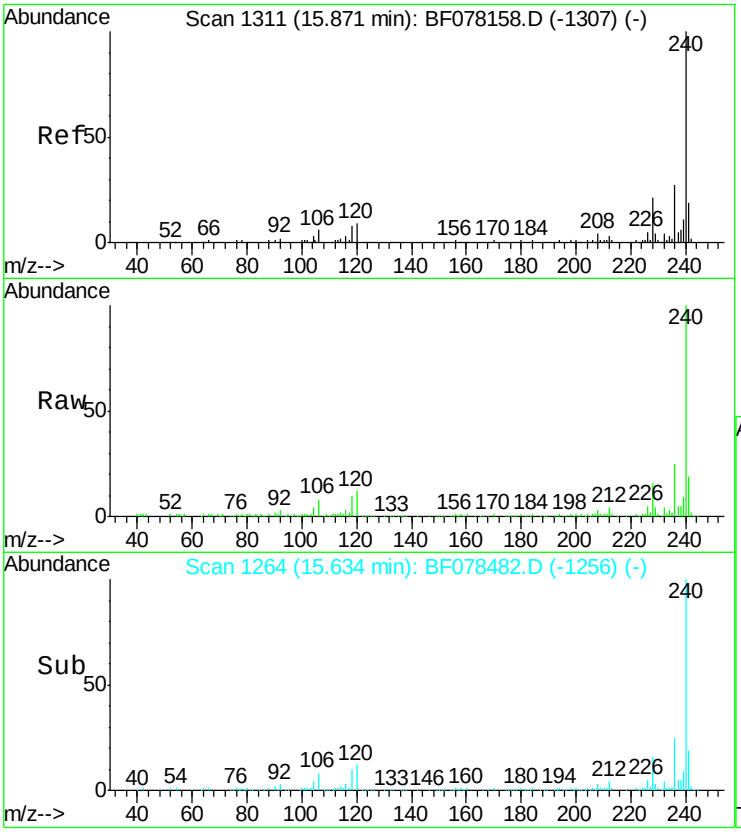


#74
Fluoranthene
Concen: 16.81 ng
RT: 13.87 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion:202 Resp: 177273

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	35.2
203	16.9	0.0	38.5



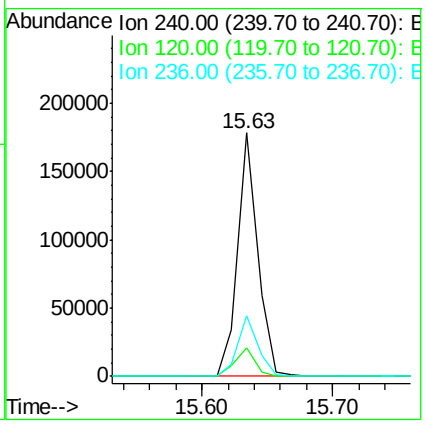


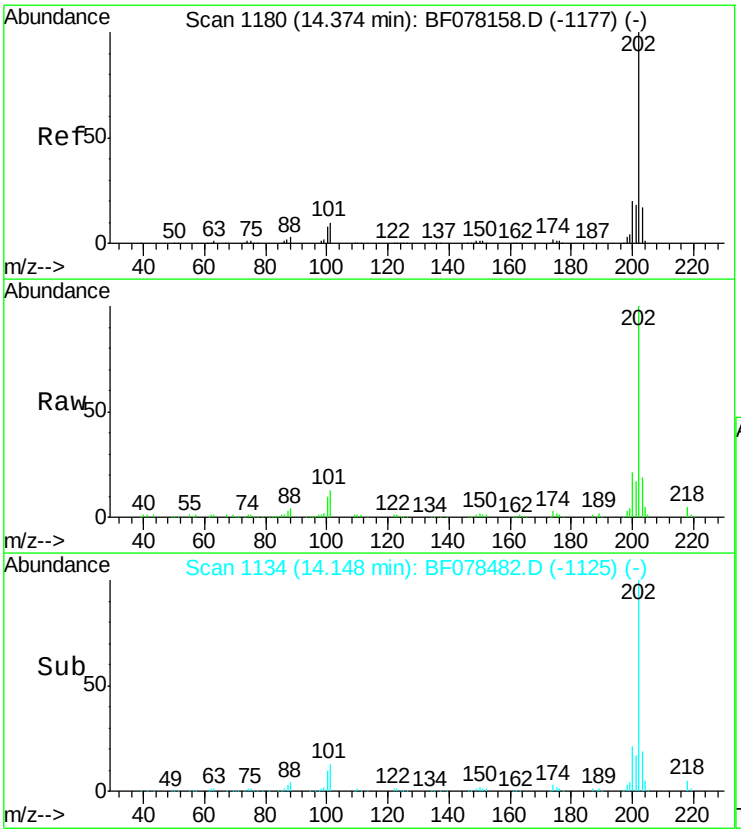
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:240 Resp: 190824

Ion	Ratio	Lower	Upper
240	100		
120	11.9	7.1	10.7#
236	25.1	21.4	32.2

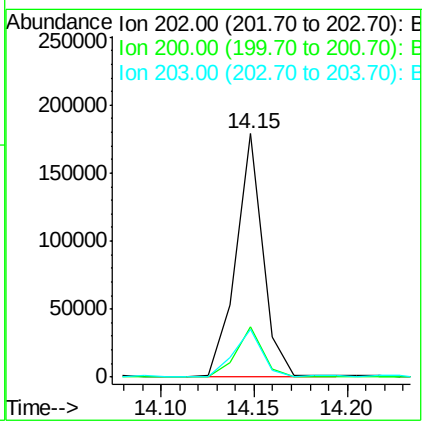


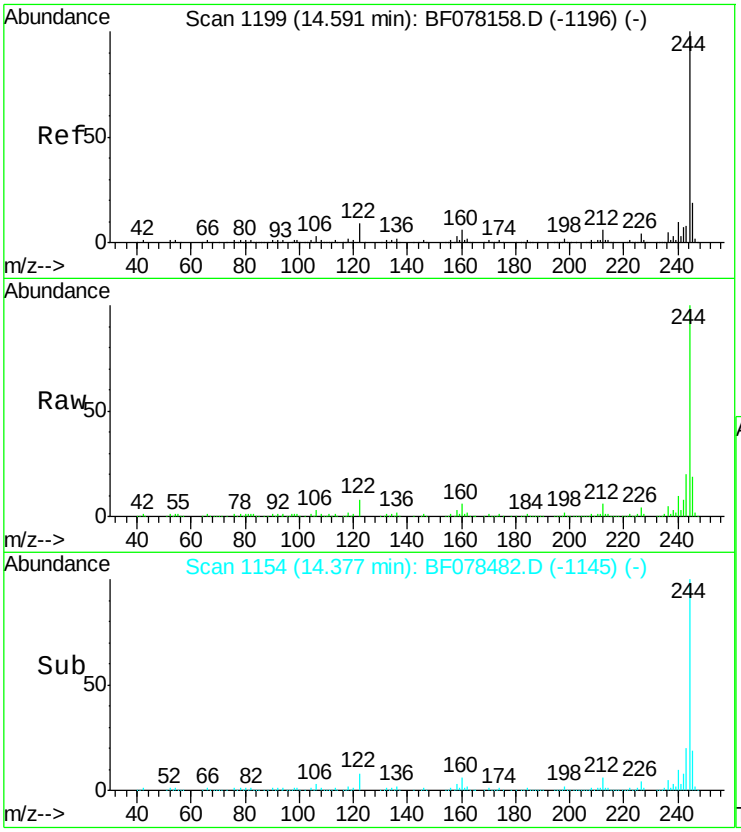


#77
Pyrene
Concen: 15.23 ng
RT: 14.15 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion:202 Resp: 182491

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	19.4	13.8	20.6



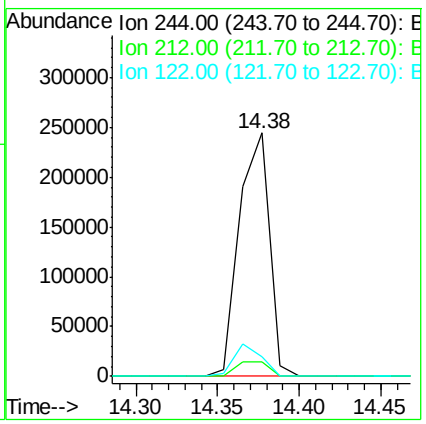


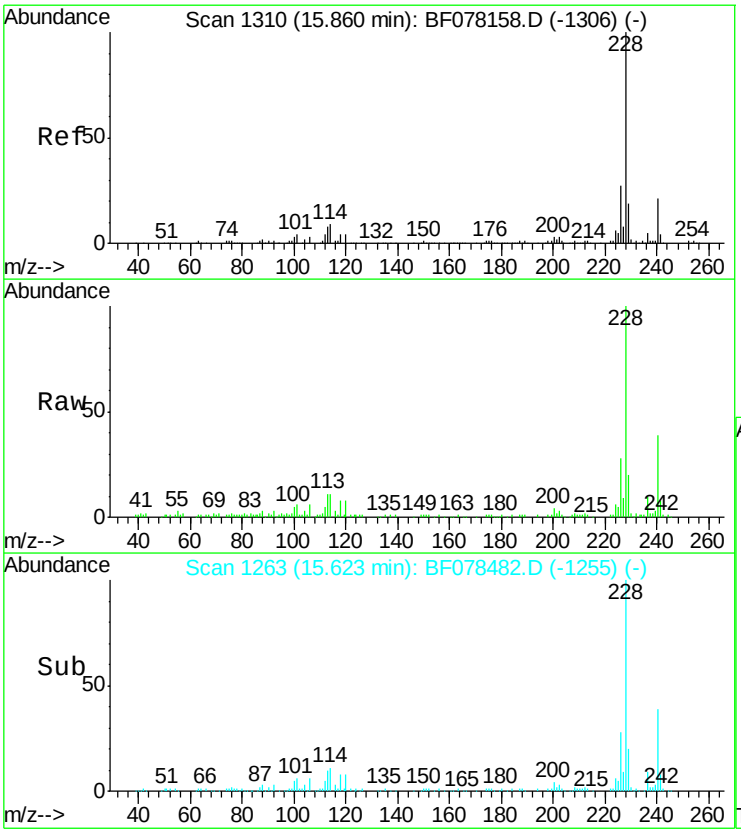
#78
Terphenyl-d14
Concen: 36.87 ng
RT: 14.38 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:244 Resp: 311394

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	8.3	7.1	10.7

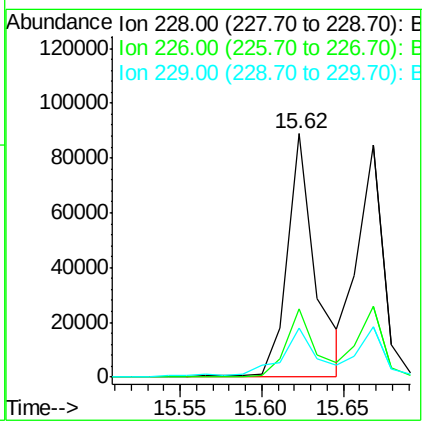


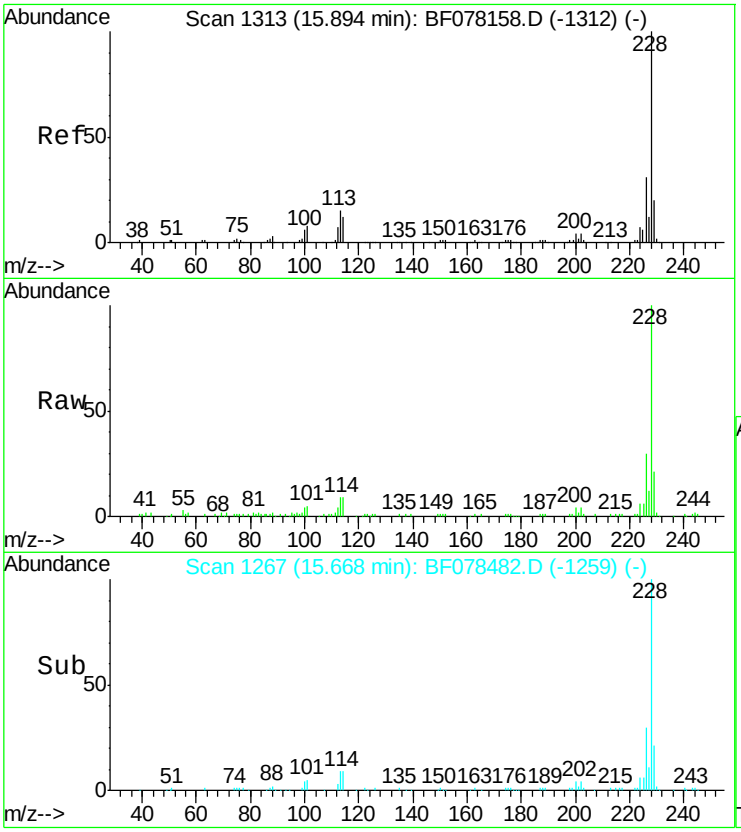


#80
Benzo(a)anthracene
Concen: 9.40 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion:228 Resp: 106714

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.3	31.9
229	20.1	15.4	23.2



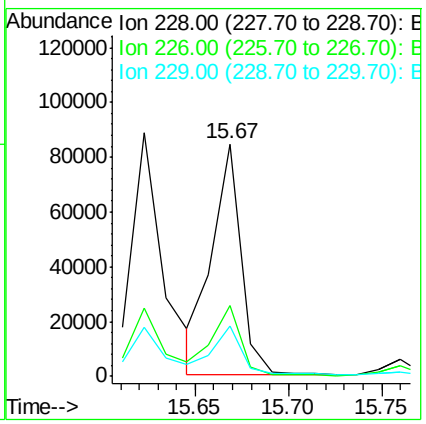


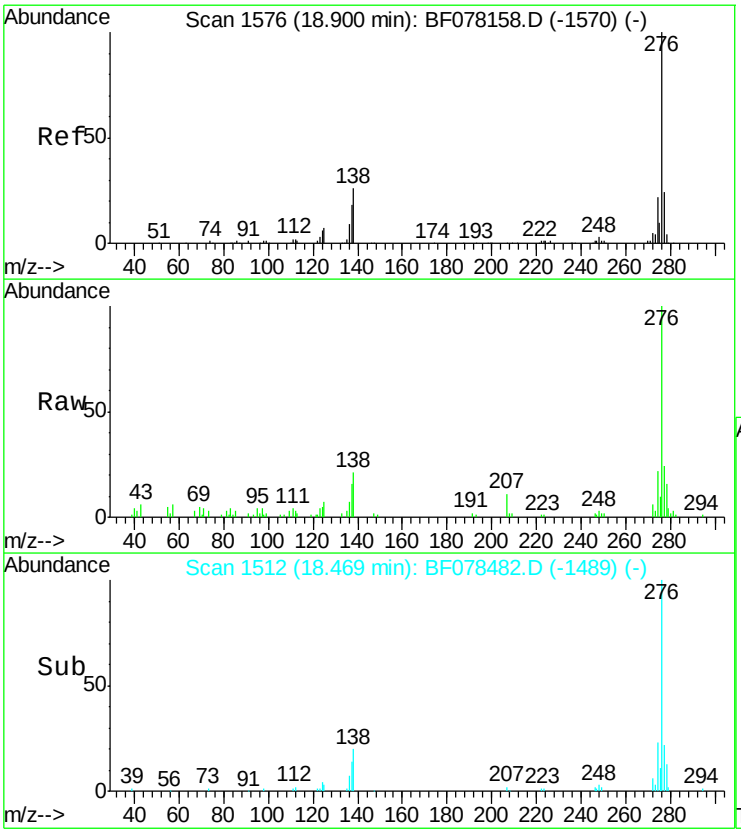
#82
Chrysene
Concen: 8.64 ng
RT: 15.67 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:228 Resp: 92192

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	21.4	15.8	23.8

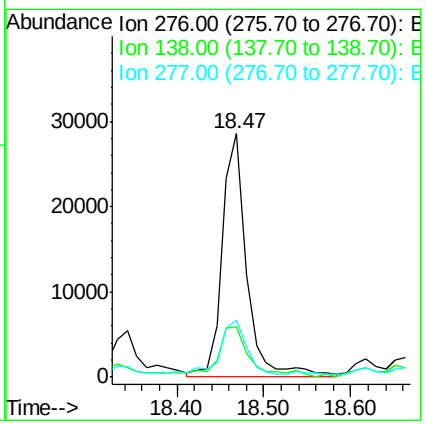


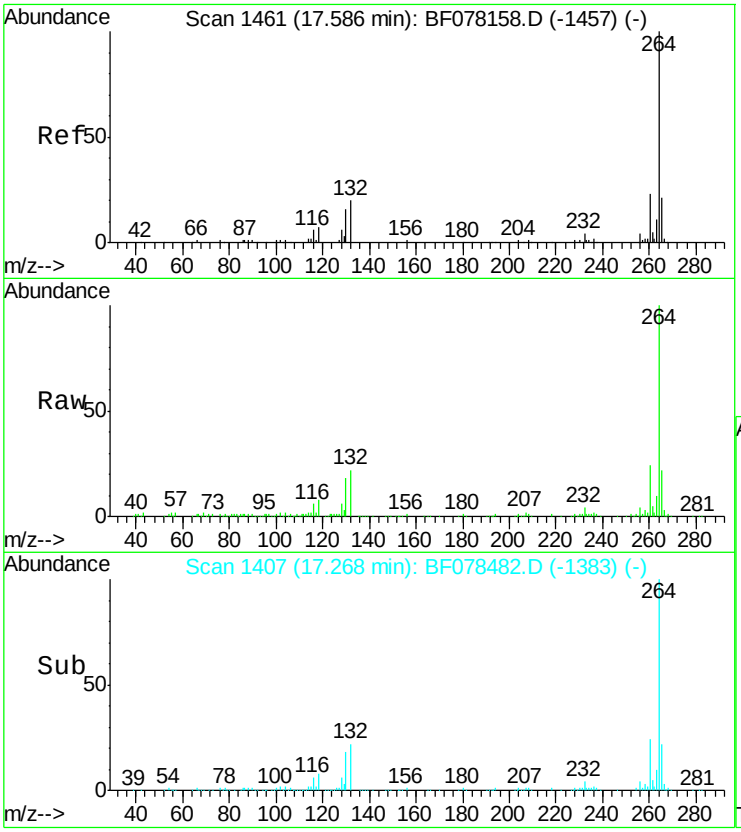


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.66 ng
RT: 18.47 min Scan# 1512
Delta R.T. -0.03 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion:276 Resp: 56454

Ion	Ratio	Lower	Upper
276	100		
138	26.0	16.9	25.3#
277	28.7	15.8	23.6#



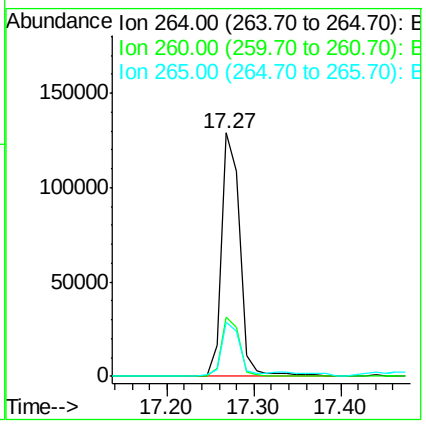


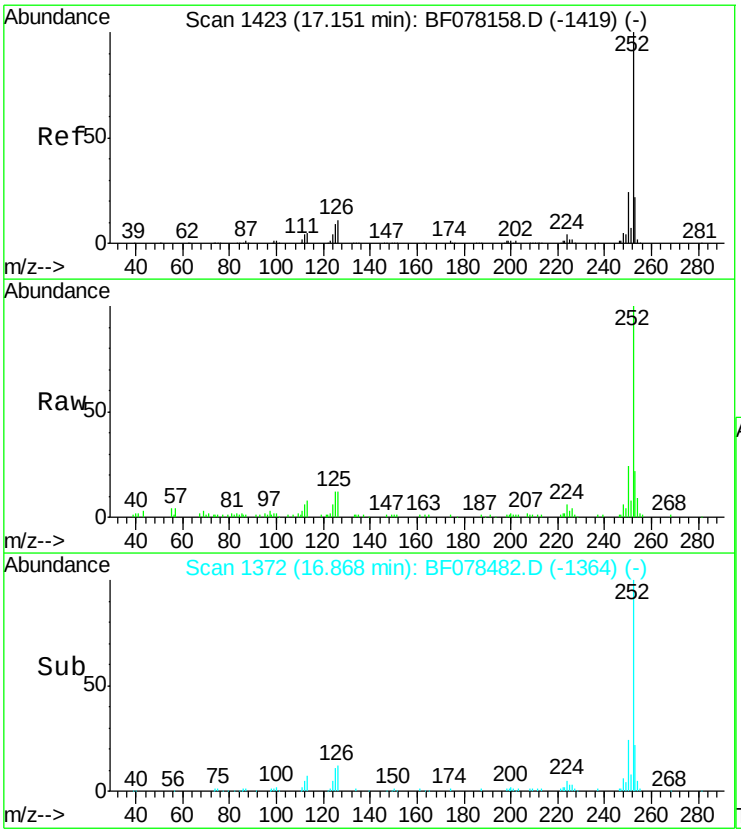
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.27 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:264 Resp: 188845

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	22.5	17.0	25.6

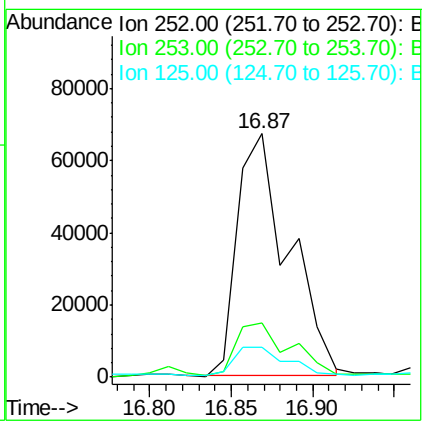


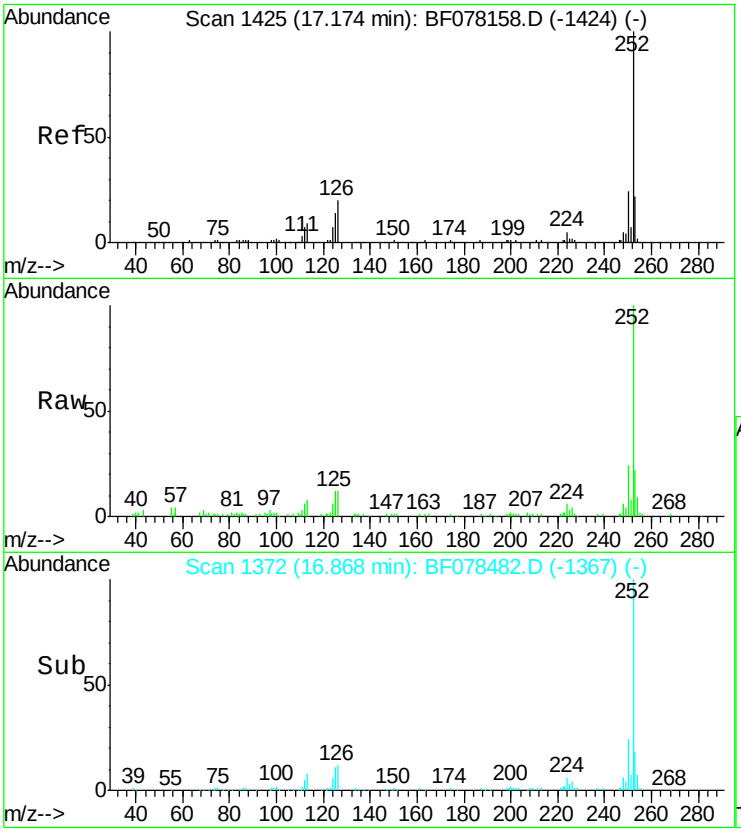


#87
Benzo(b)fluoranthene
Concen: 12.47 ng
RT: 16.87 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion:252 Resp: 145556

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.3	7.0	10.4#



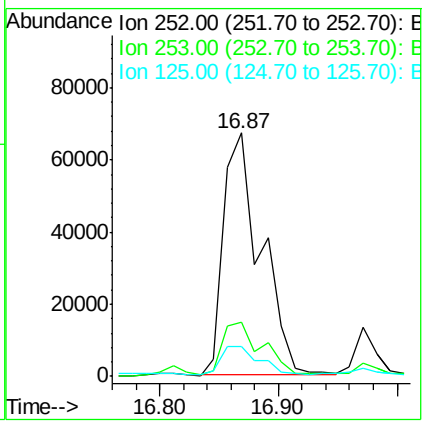


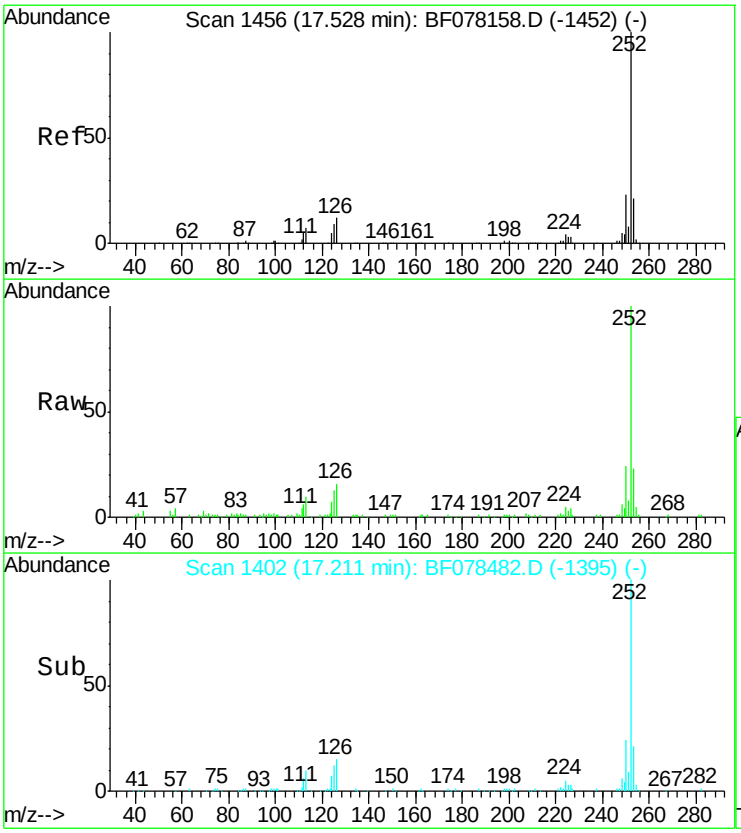
#88
Benzo(k)fluoranthene
Concen: 14.15 ng
RT: 16.87 min Scan# 1372
Delta R.T. -0.05 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:252 Resp: 146720

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.3	11.6	17.4

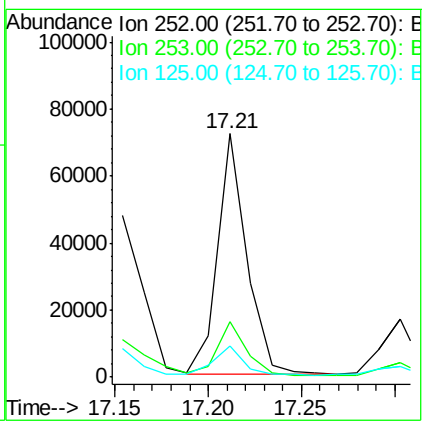


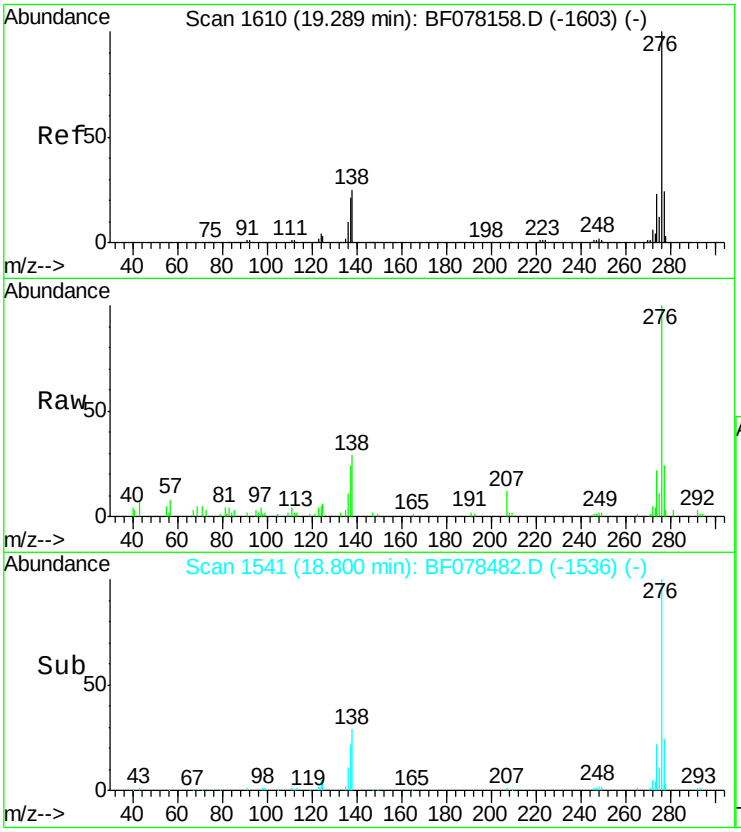


#89
Benzo(a)pyrene
Concen: 7.63 ng
RT: 17.21 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Tgt Ion:252 Resp: 77756

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.8	25.2
125	12.8	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 5.11 ng
RT: 18.80 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF078482.D
Acq: 14 Apr 2015 3:42

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:276 Resp: 52290

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	28.9	19.9	29.9