Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF041015\
Data File : BF078426.D
Acq On : 11 Apr 2015 6:31
Operator : TP/IZ
Sample : G1793-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 13 01:20:08 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	6.86	152	35600	20.00	ng		-0.02
21) Naphthalene-d8	8.44	136	155799	20.00	ng		-0.02
38) Acenaphthene-d10	10.59	164	79221	20.00	ng		-0.05
63) Phenanthrene-d10	12.42	188	164196	20.00	ng		-0.05
75) Chrysene-d12	15.68	240	172811	20.00	ng		-0.07
86) Perylene-d12	17.36	264	171495	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	276041	127.85	ng		-0.05
7) Phenol-d6	6.46	99	352264	130.18	ng		-0.01
23) Nitrobenzene-d5	7.56	82	216534	84.24	ng		-0.02
41) 2,4,6-Tribromophenol	11.57	330	100836	153.47	ng		-0.05
44) 2-Fluorobiphenyl	9.78	172	424221	76.54	ng		-0.03
78) Terphenyl-d14	14.41	244	501396	65.56	ng		-0.06
Target Compounds							Qvalue
10) Phenol	6.49	94	10541	3.25	ng		91
49) Dimethylphthalate	10.29	163	29255	4.92	ng		98
62) Azobenzene	11.49	77	15769	3.01	ng	#	1
74) Fluoranthene	13.92	202	83421	8.33	ng		90
77) Pyrene	14.19	202	83196	7.67	ng		97
80) Benzo(a)anthracene	15.71	228	40801	3.97	ng		96
82) Chrysene	15.71	228	55050	5.70	ng		97
83) Bis(2-ethylhexyl)phthalate	15.76	149	49560	7.64	ng	#	96
87) Benzo(b)fluoranthene	16.93	252	123711	11.67	ng	#	94
88) Benzo(k)fluoranthene	16.93	252	123993	13.16	ng		98
89) Benzo(a)pyrene	17.30	252	65119	7.04	ng	#	95

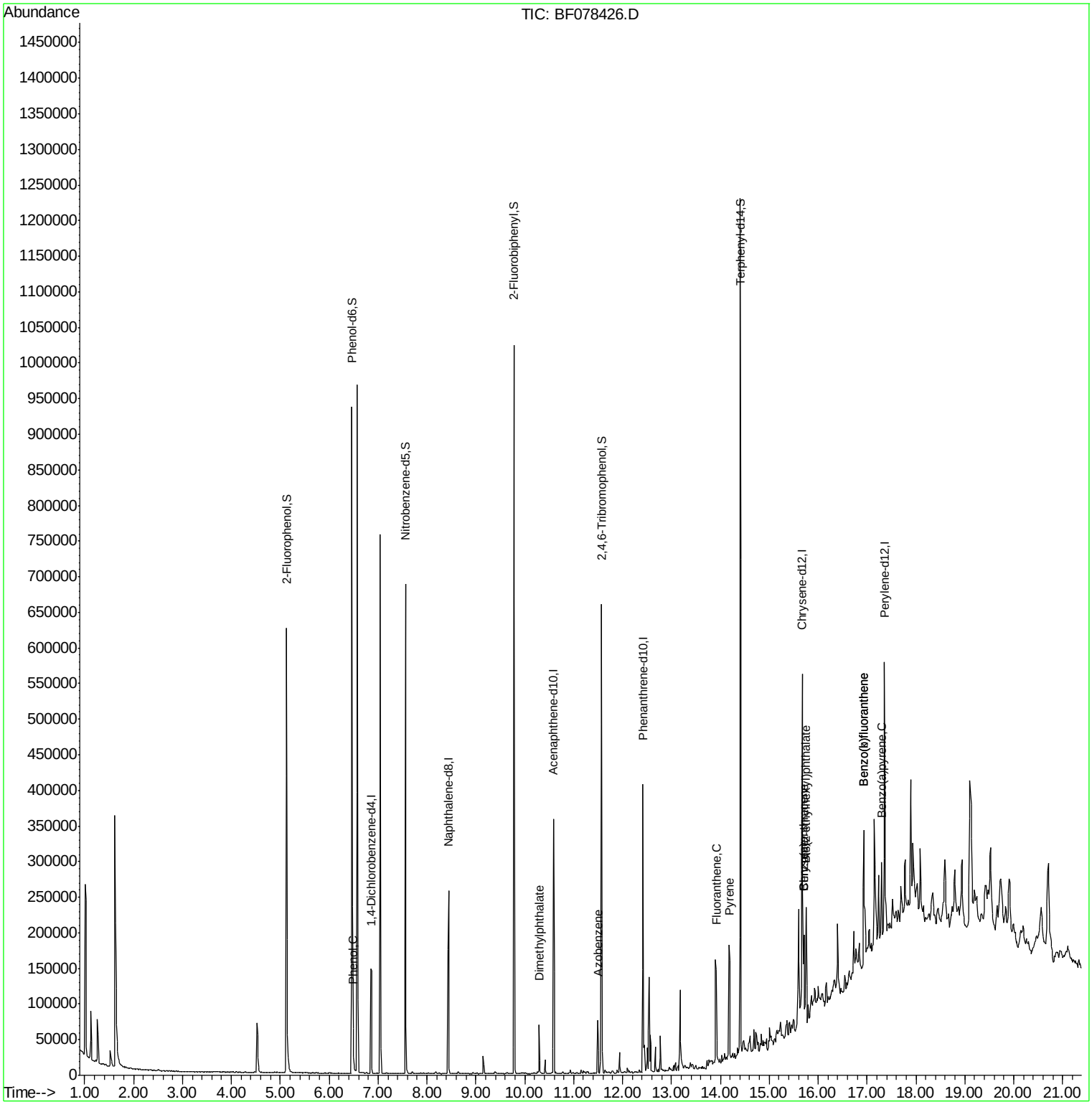
(#) = qualifier out of range (m) = manual integration (+) = signals summed

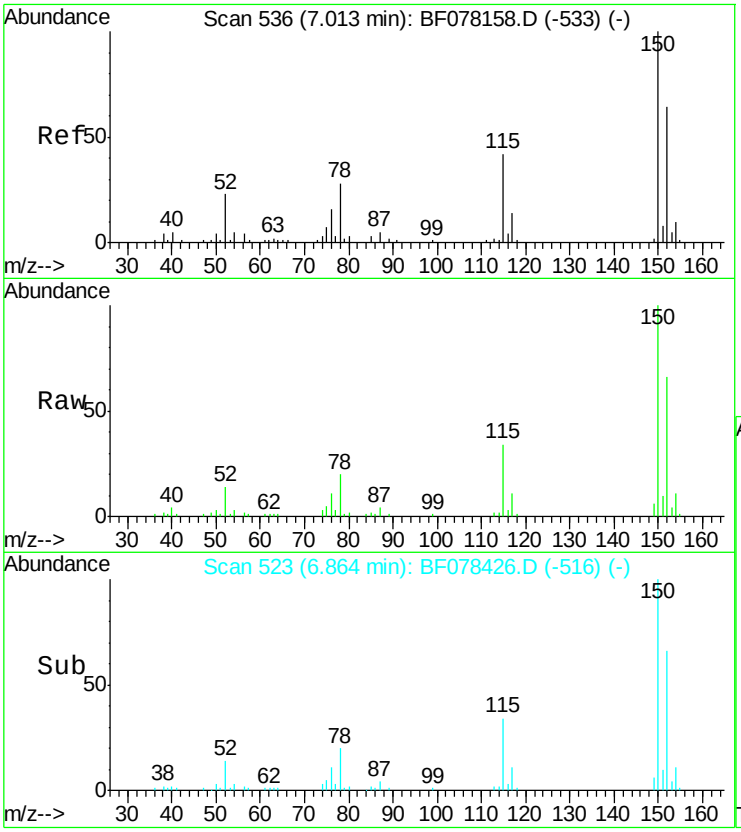
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF041015\
Data File : BF078426.D
Acq On : 11 Apr 2015 6:31
Operator : TP/IZ
Sample : G1793-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 13 01:20:08 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



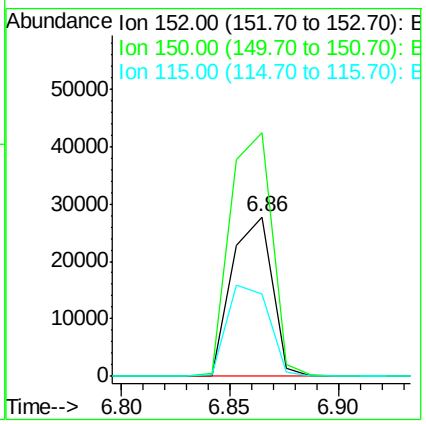


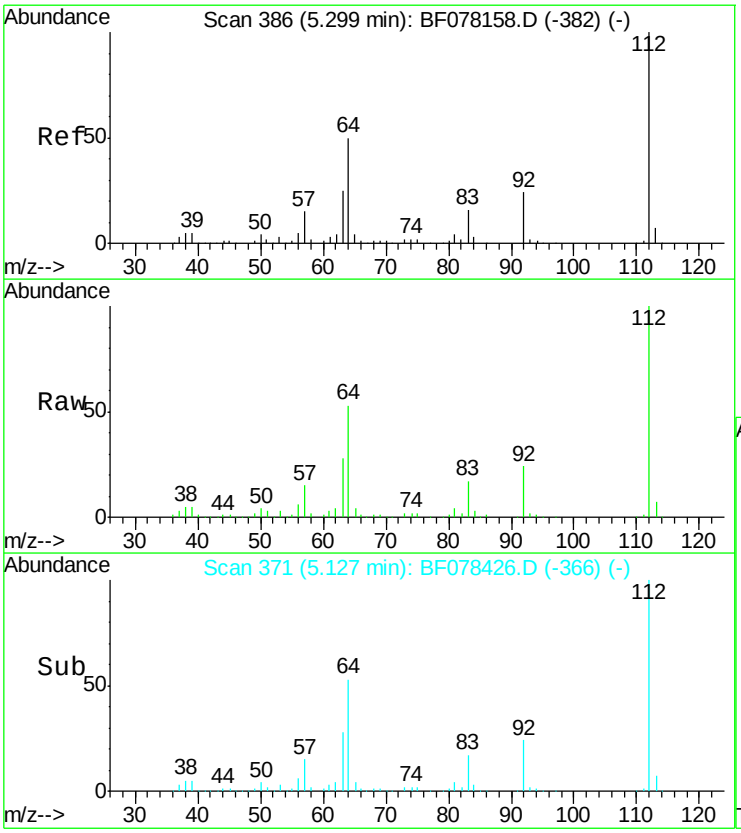
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 35600

Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.9	188.9
115	51.3	52.7	79.1#

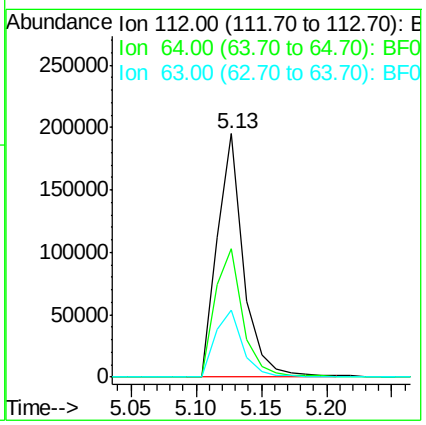


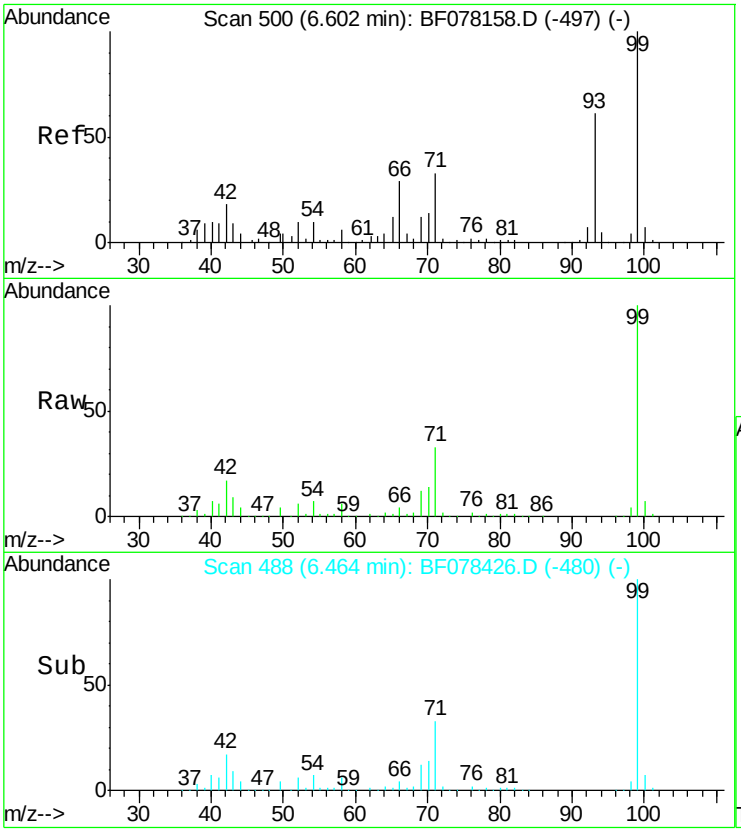


#5
2-Fluorophenol
Concen: 127.85 ng
RT: 5.13 min Scan# 371
Delta R.T. -0.05 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Tgt Ion:112 Resp: 276041

Ion	Ratio	Lower	Upper
112	100		
64	52.6	39.9	59.9
63	27.5	20.2	30.4



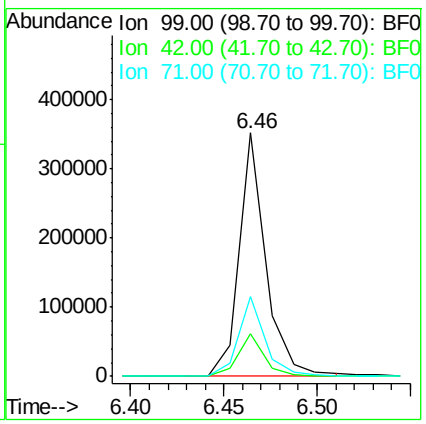


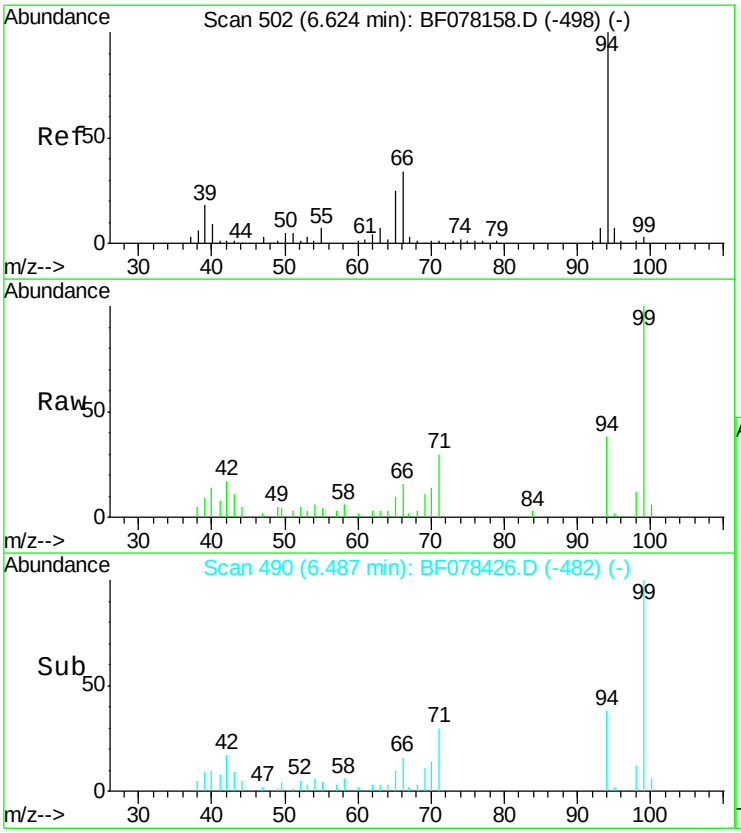
#7
Phenol-d6
Concen: 130.18 ng
RT: 6.46 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 352264

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.8	22.2
71	32.7	26.6	39.8

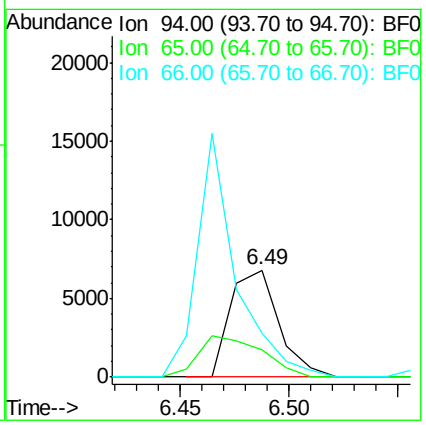


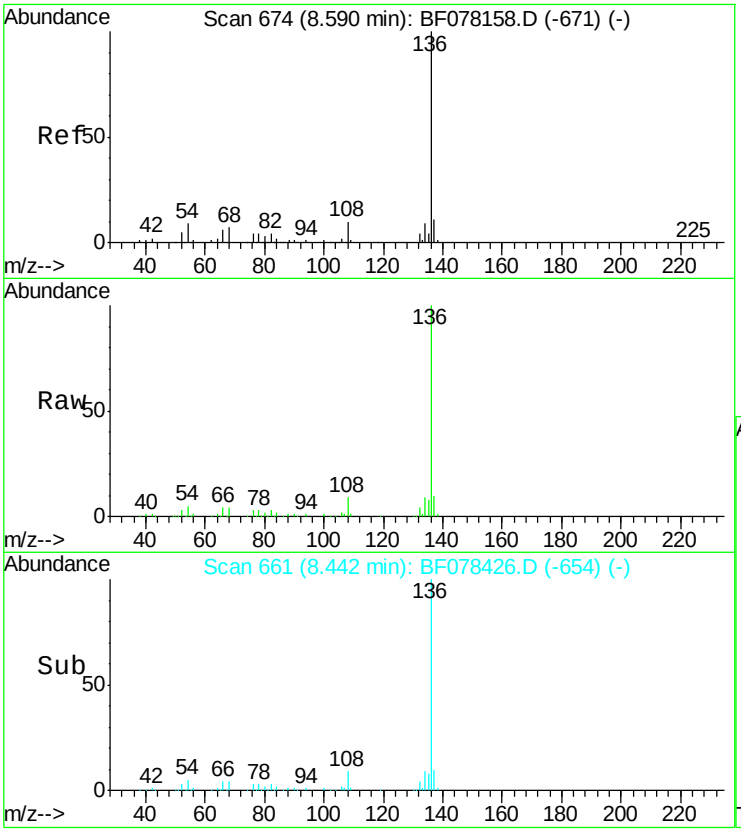


#10
Phenol
Concen: 3.25 ng
RT: 6.49 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Tgt Ion: 94 Resp: 10541

Ion	Ratio	Lower	Upper
94	100		
65	25.9	4.9	44.9
66	41.6	13.8	53.8



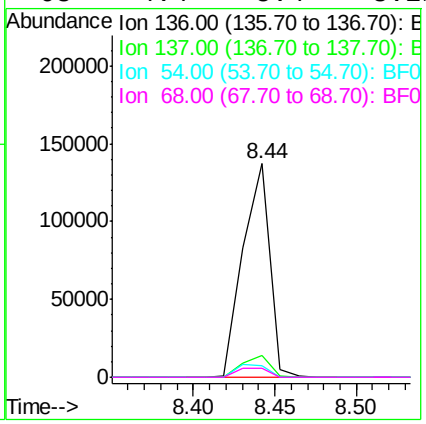


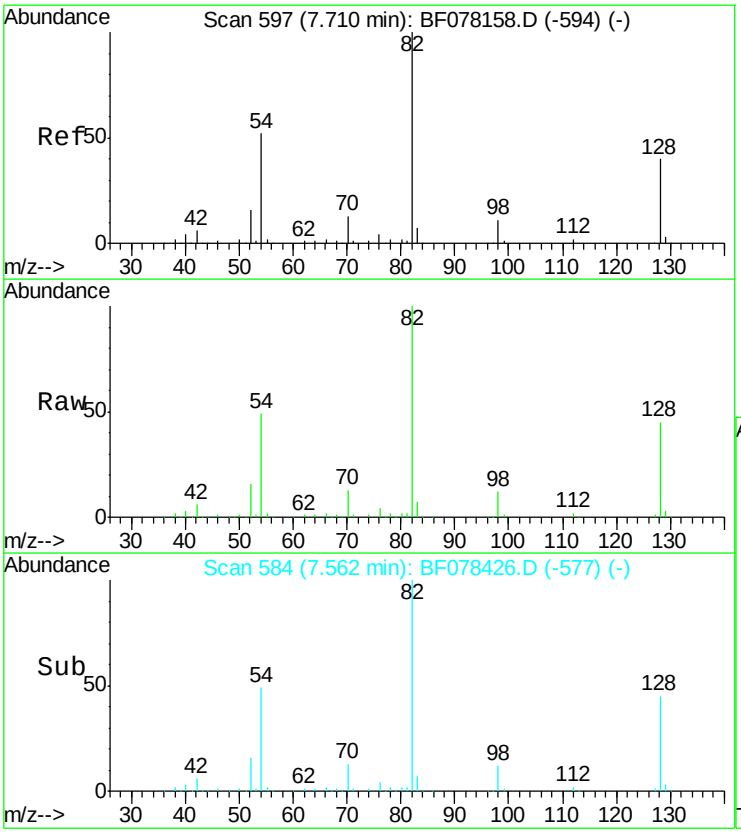
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 155799

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.0	13.4
54	5.3	7.0	10.6#
68	4.4	5.4	8.2#

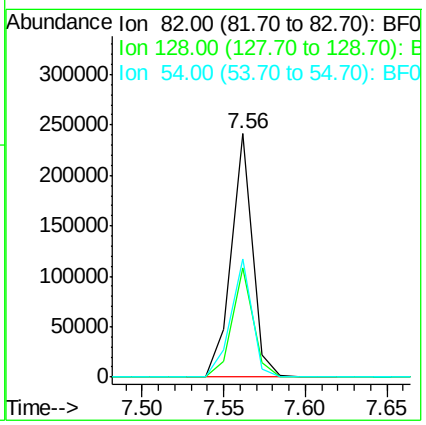


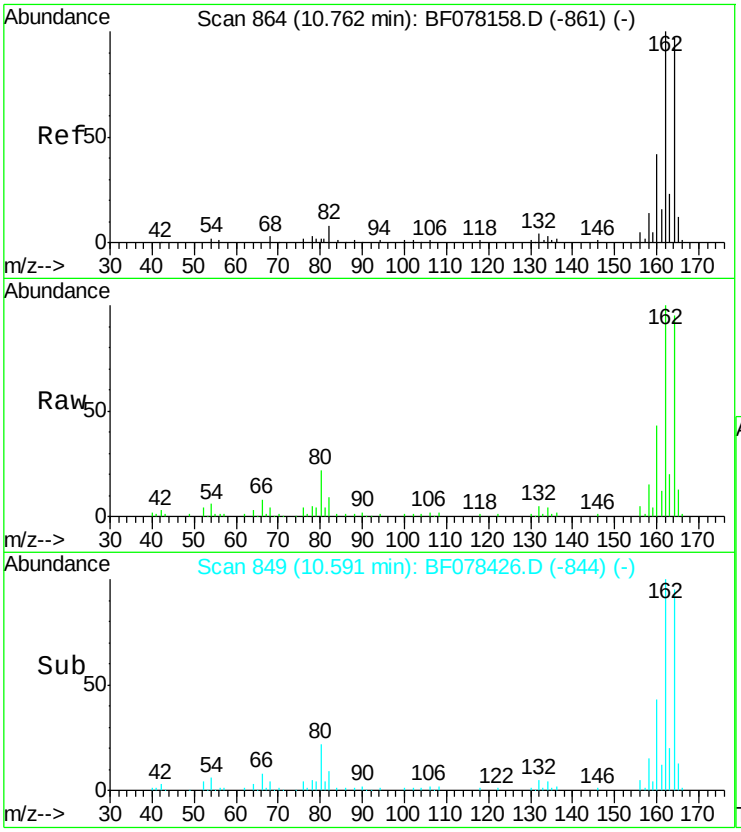


#23
Nitrobenzene-d5
Concen: 84.24 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Tgt Ion: 82 Resp: 216534

Ion	Ratio	Lower	Upper
82	100		
128	44.6	31.8	47.8
54	48.6	41.5	62.3



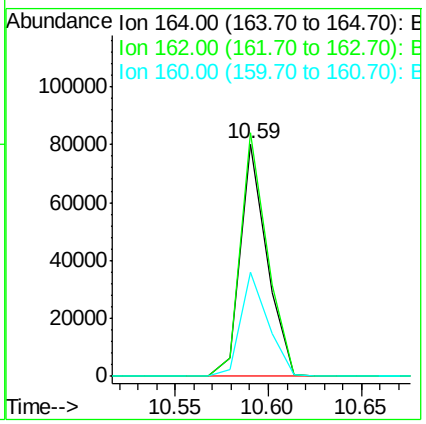


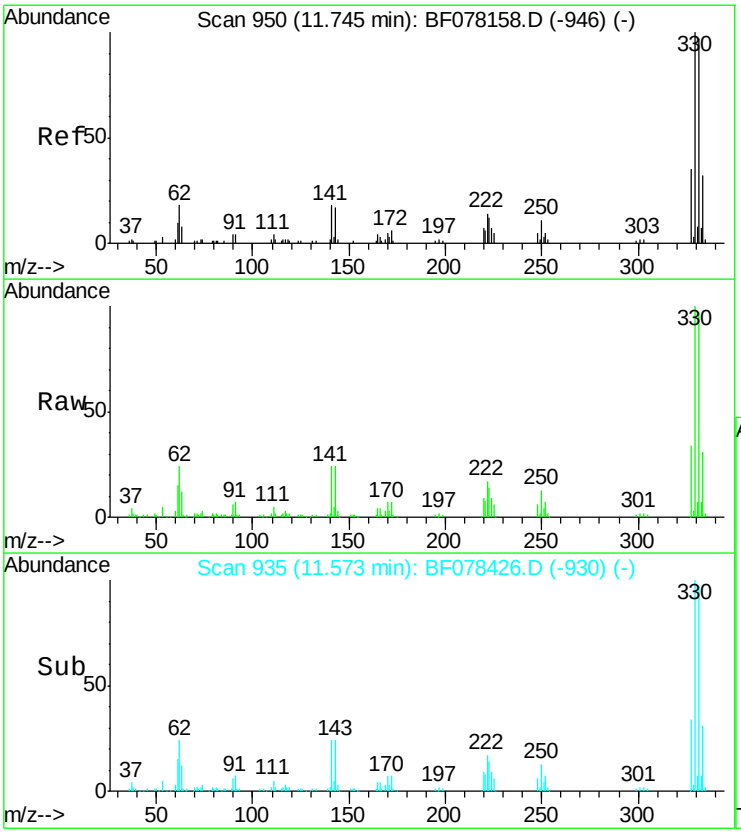
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 79221

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.2	123.2
160	44.8	34.7	52.1

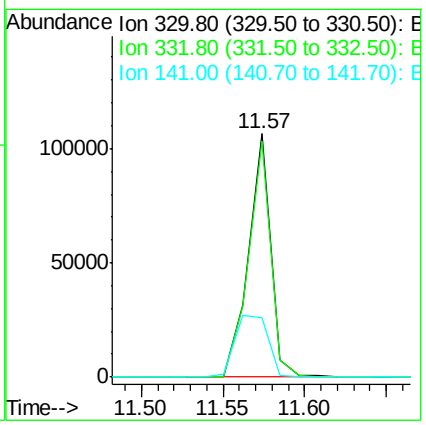


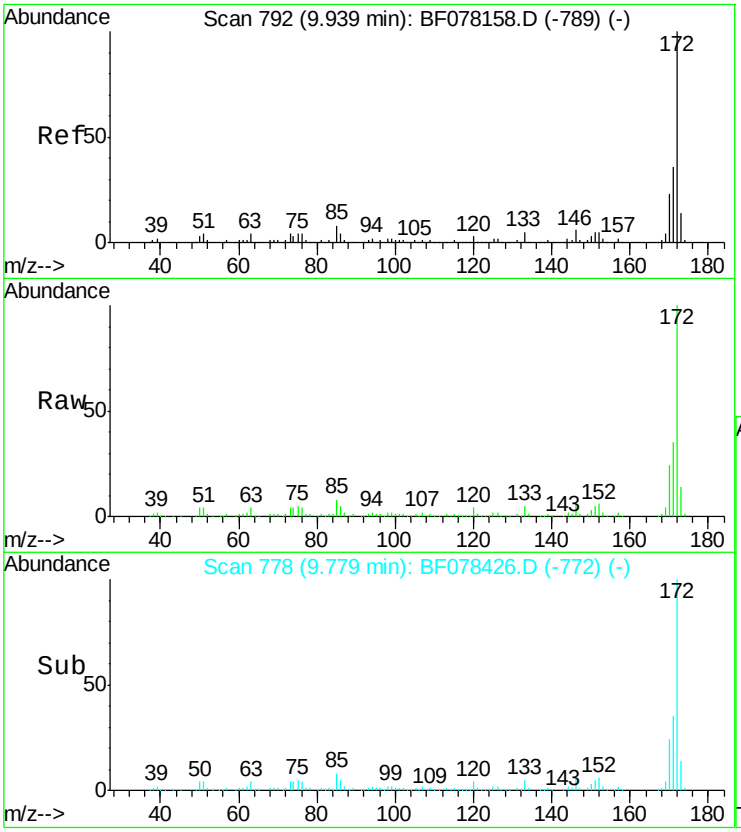


#41
2,4,6-Tribromophenol
Concen: 153.47 ng
RT: 11.57 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Tgt Ion:330 Resp: 100836

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.6	117.8
141	37.6	31.2	46.8



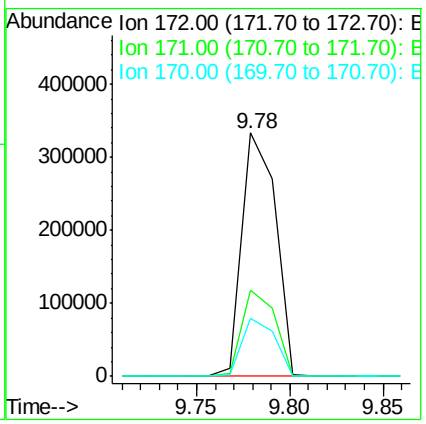


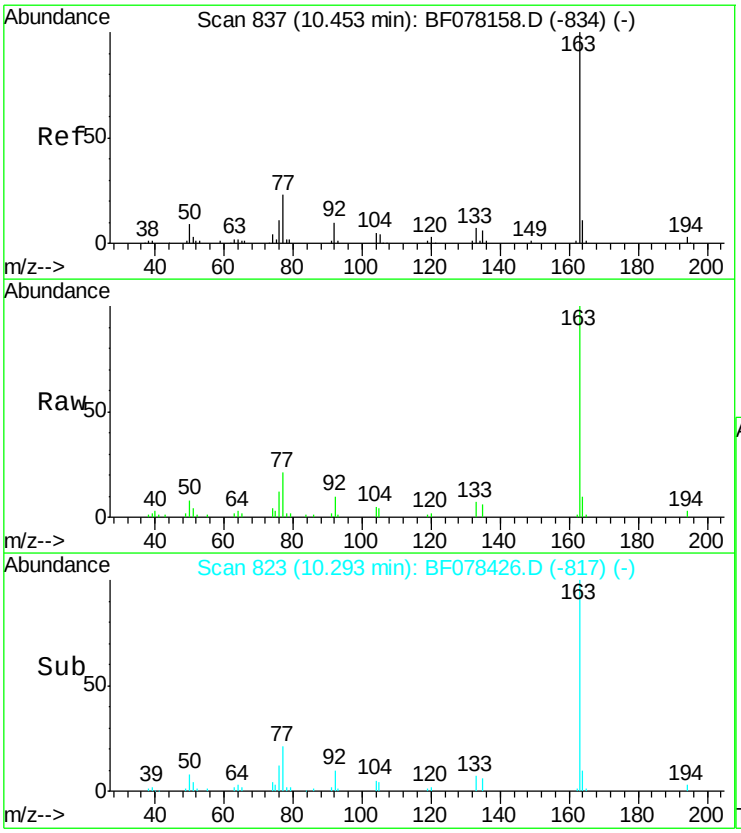
#44
2-Fluorobiphenyl
Concen: 76.54 ng
RT: 9.78 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 424221

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.9	18.5	27.7

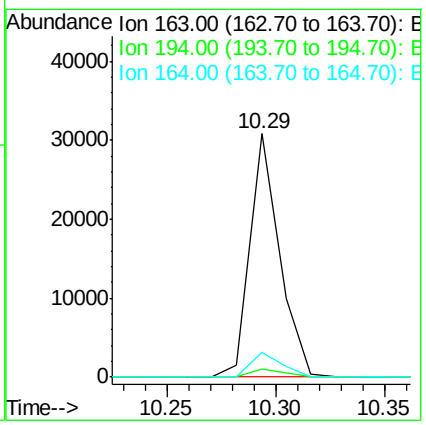


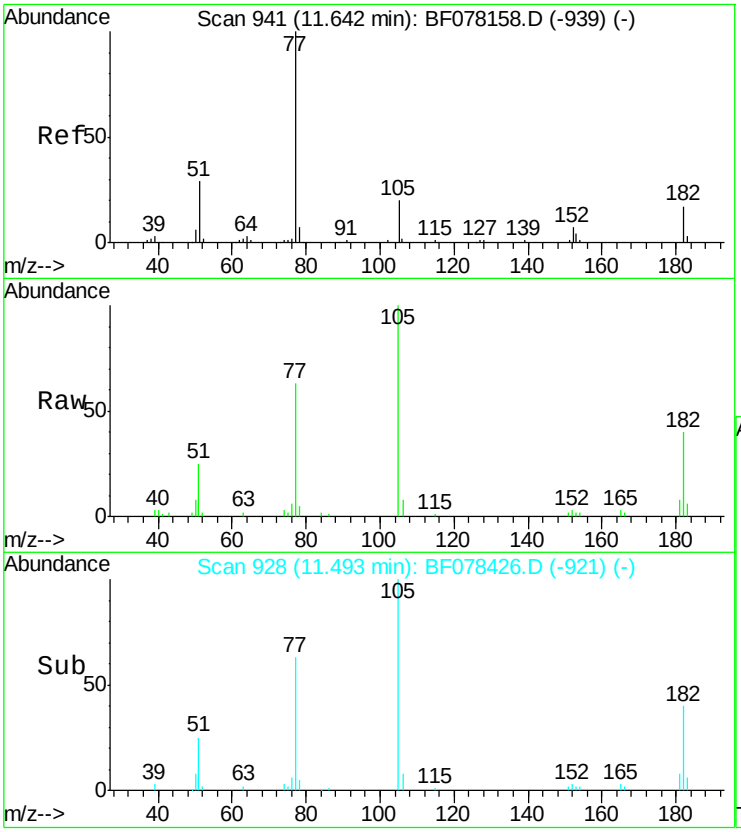


#49
Dimethylphthalate
Concen: 4.92 ng
RT: 10.29 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Tgt Ion:163 Resp: 29255

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.3	3.5
164	9.9	8.6	13.0



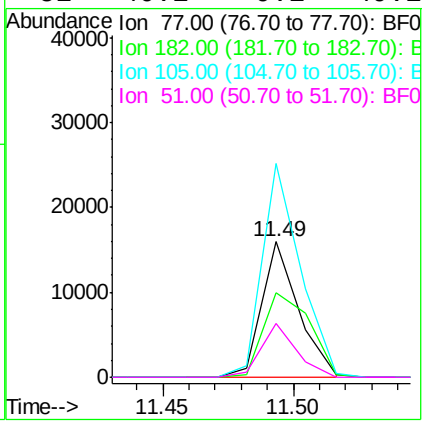


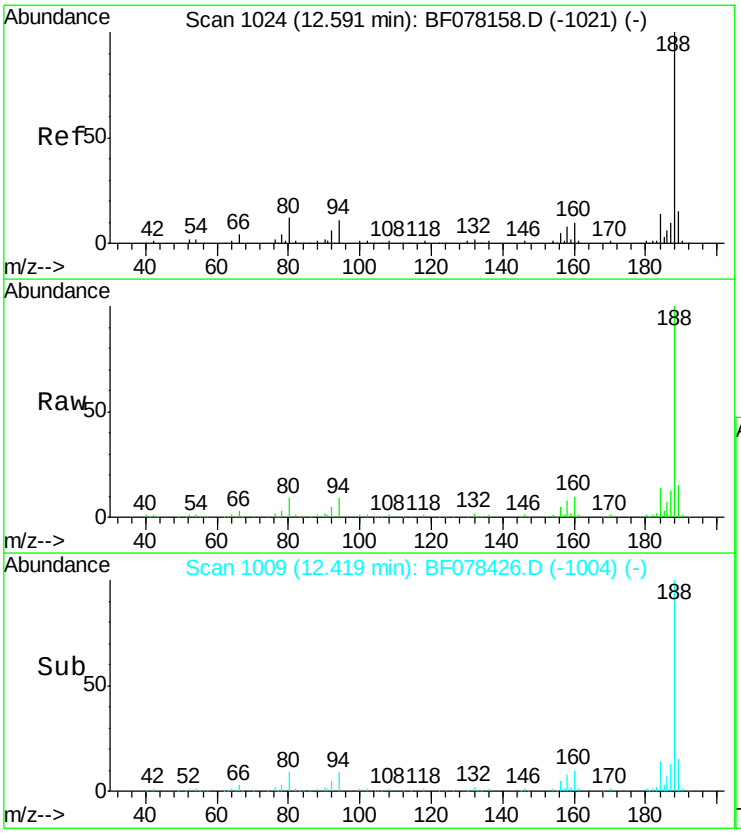
#62
Azobenzene
Concen: 3.01 ng
RT: 11.49 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 15769

Ion	Ratio	Lower	Upper
77	100		
182	62.4	0.0	36.8#
105	157.8	0.3	40.3#
51	40.1	9.1	49.1

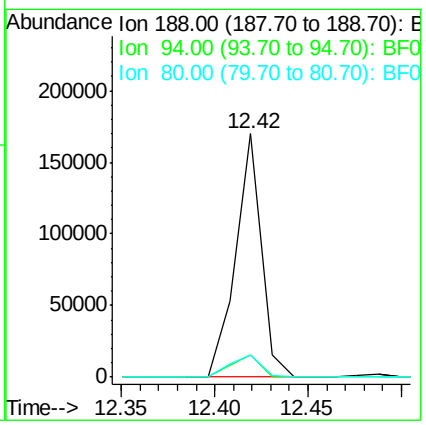


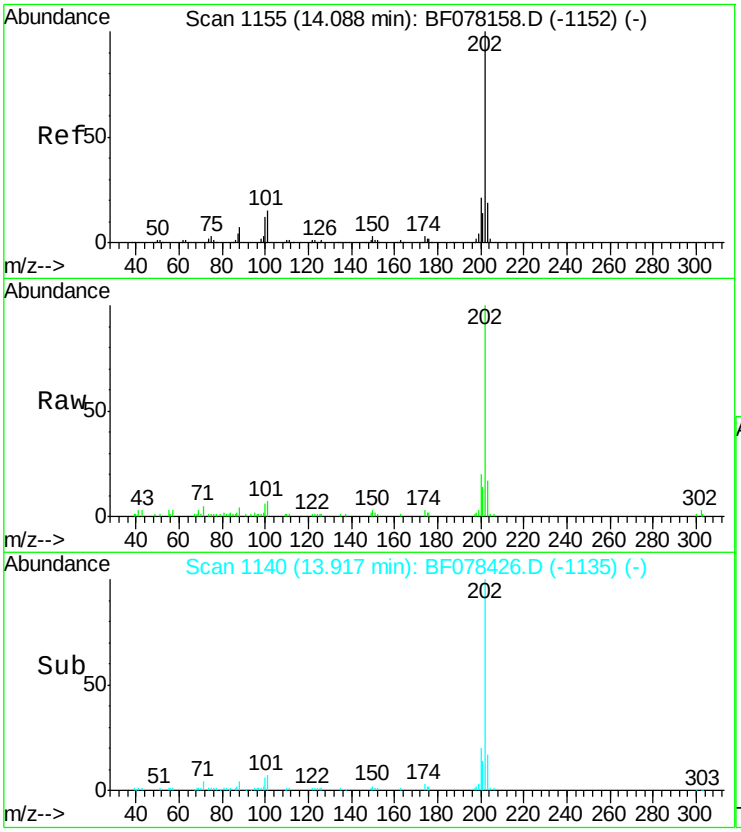


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Tgt Ion:188 Resp: 164196

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.1	9.5	14.3#



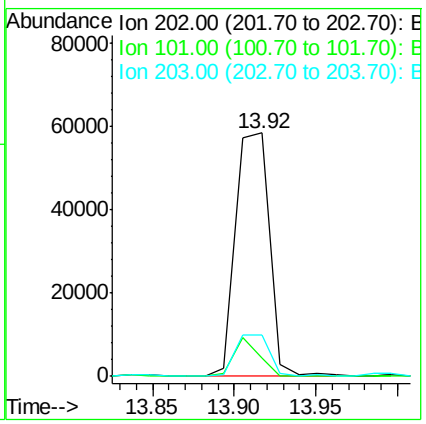


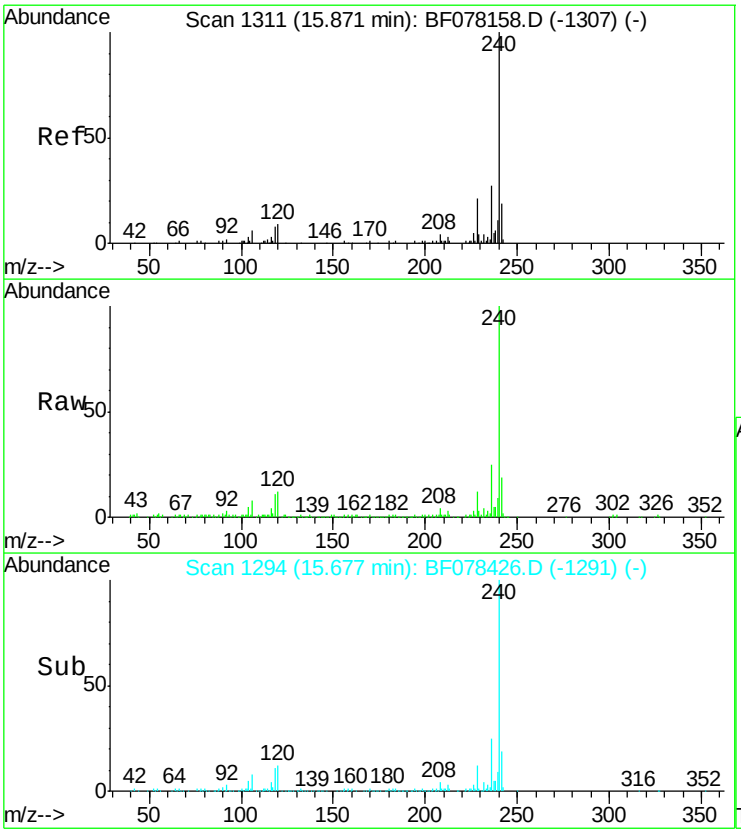
#74
Fluoranthene
Concen: 8.33 ng
RT: 13.92 min Scan# 1140
Delta R.T. -0.05 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 83421

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	35.2
203	16.9	0.0	38.5

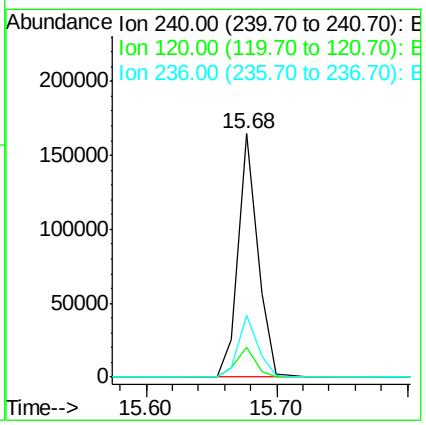


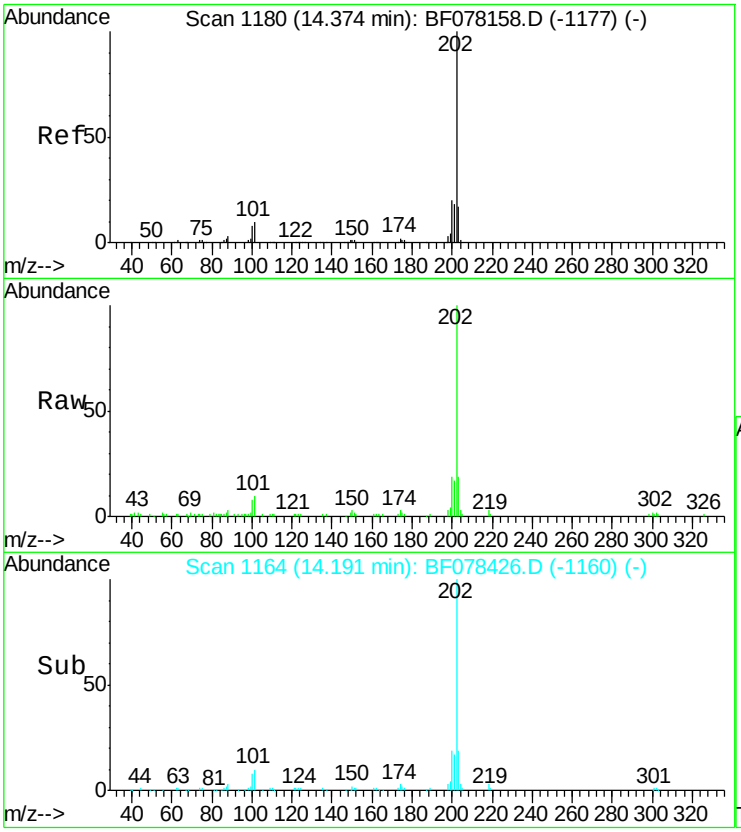


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Tgt Ion:240 Resp: 172811

Ion	Ratio	Lower	Upper
240	100		
120	12.3	7.1	10.7#
236	25.4	21.4	32.2



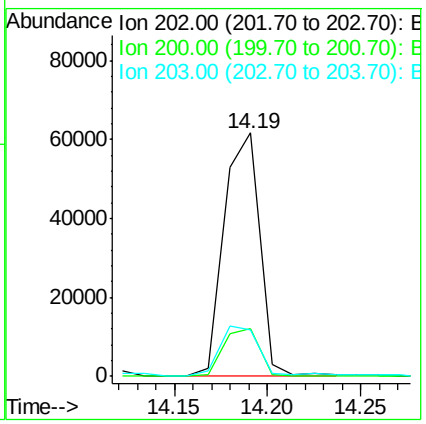


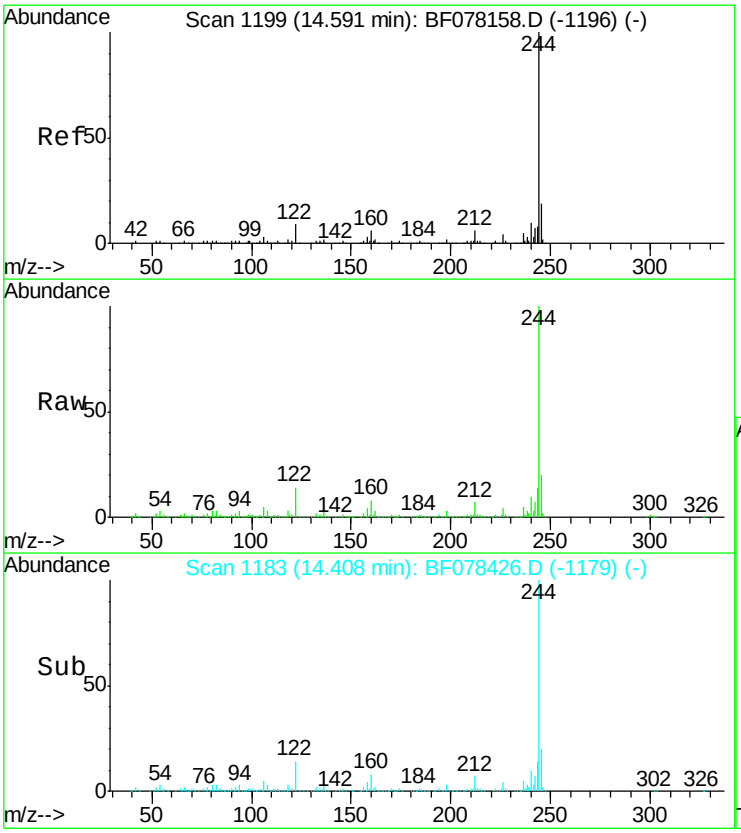
#77
Pyrene
Concen: 7.67 ng
RT: 14.19 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 83196

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.3	24.5
203	19.0	13.8	20.6

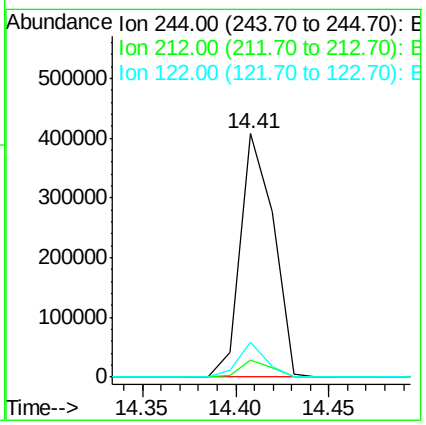


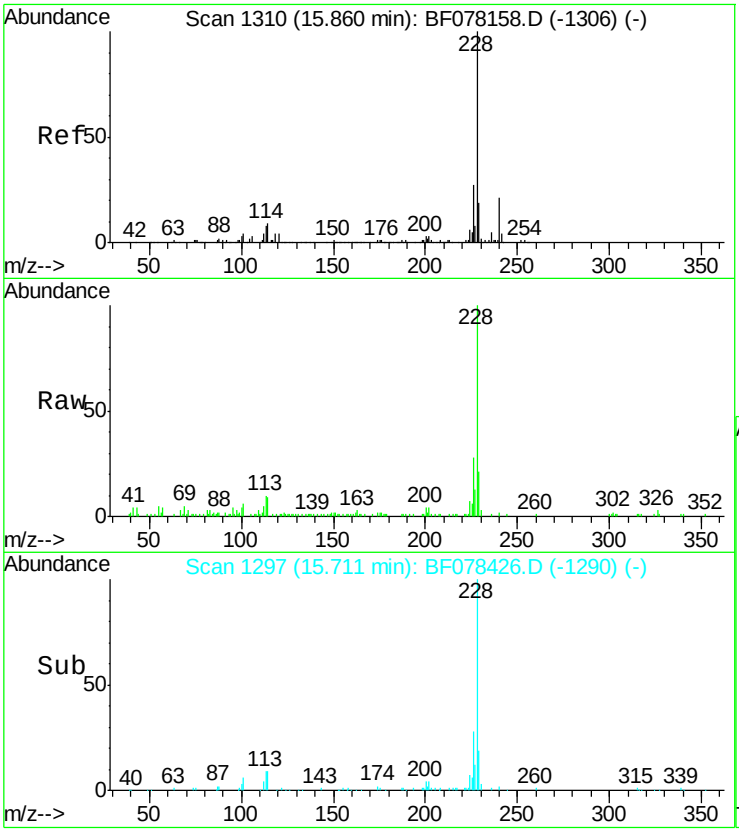


#78
Terphenyl-d14
Concen: 65.56 ng
RT: 14.41 min Scan# 1183
Delta R.T. -0.06 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Tgt Ion:244 Resp: 501396

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.4
122	14.2	7.1	10.7#



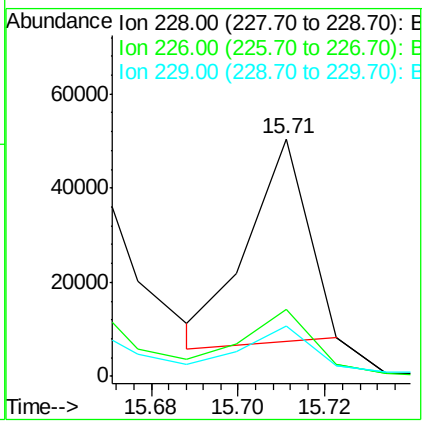


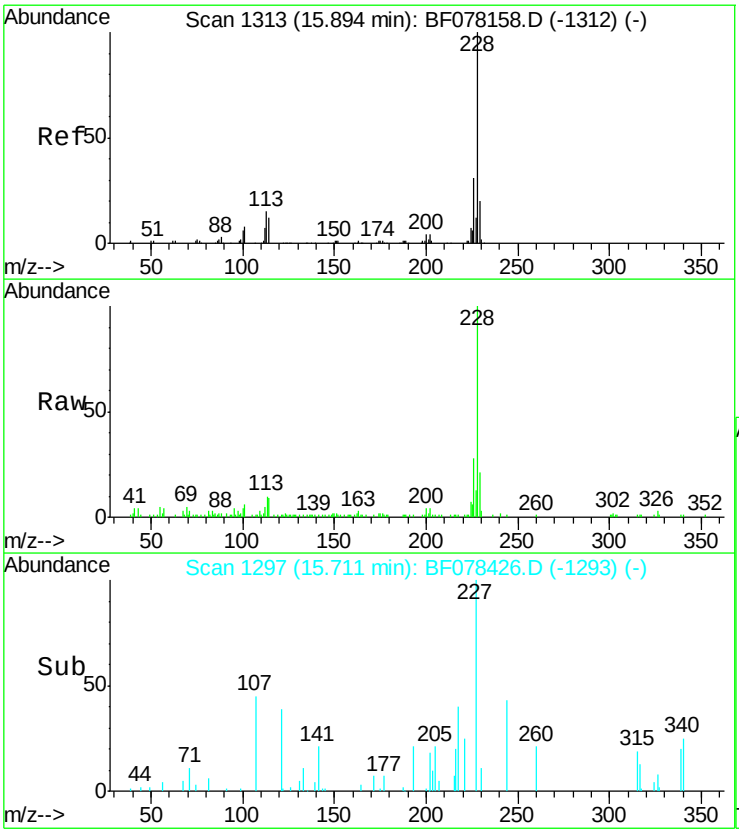
#80
Benzo(a)anthracene
Concen: 3.97 ng
RT: 15.71 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 40801

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.3	31.9
229	21.0	15.4	23.2

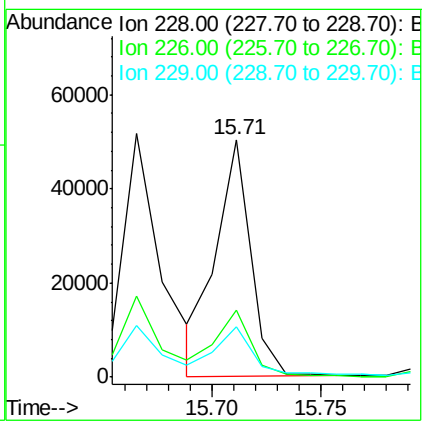


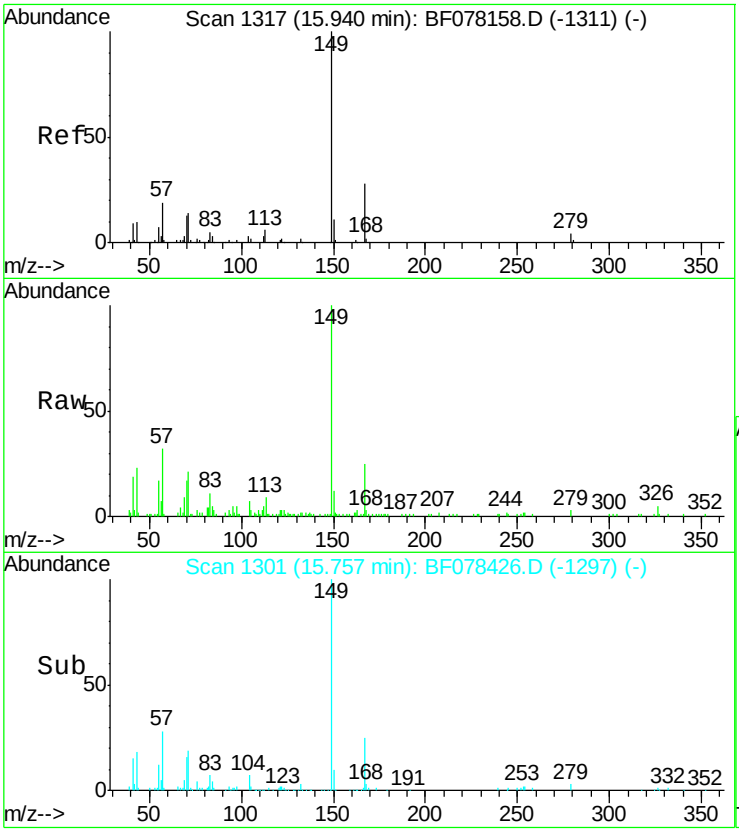


#82
Chrysene
Concen: 5.70 ng
RT: 15.71 min Scan# 1297
Delta R.T. -0.06 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Tgt Ion:228 Resp: 55050

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.2	36.4
229	21.0	15.8	23.8



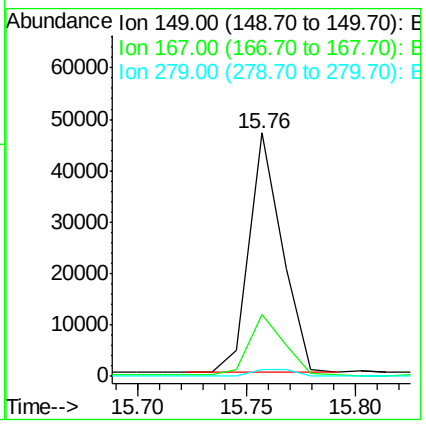


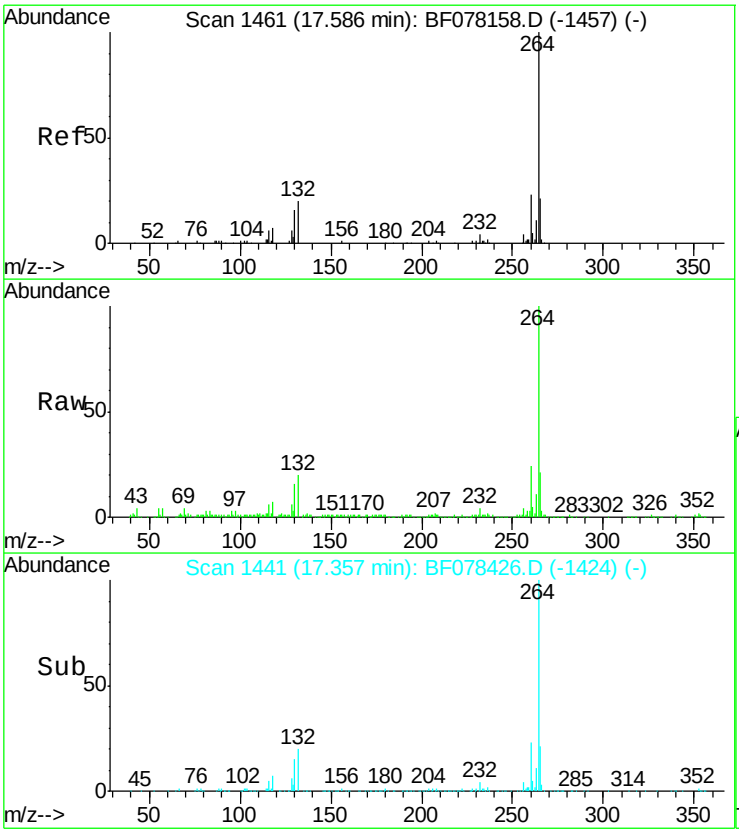
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.64 ng
RT: 15.76 min Scan# 1301
Delta R.T. -0.06 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 49560

Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.2	33.2
279	2.6	3.2	4.8#

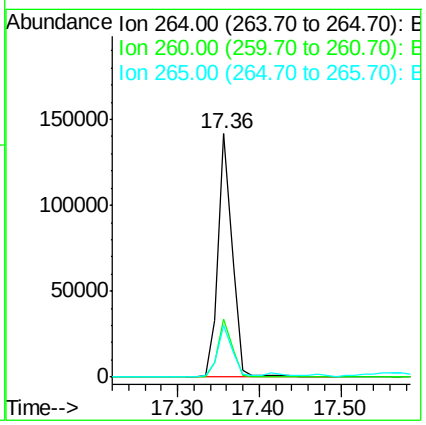


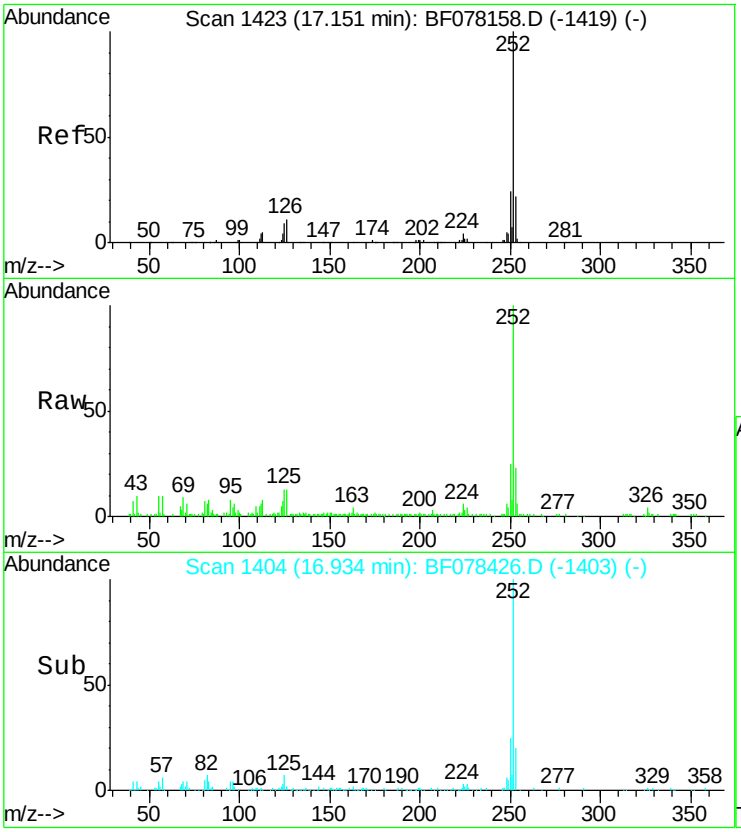


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.36 min Scan# 1441
Delta R.T. -0.10 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Tgt Ion:264 Resp: 171495

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.1	17.0	25.6



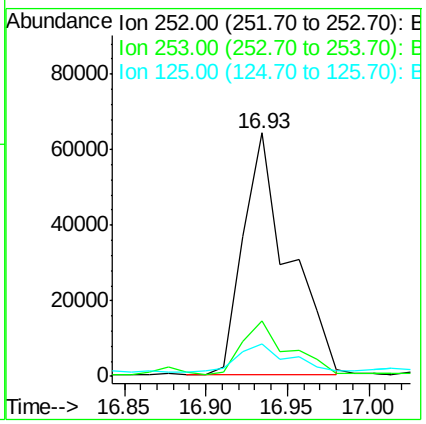


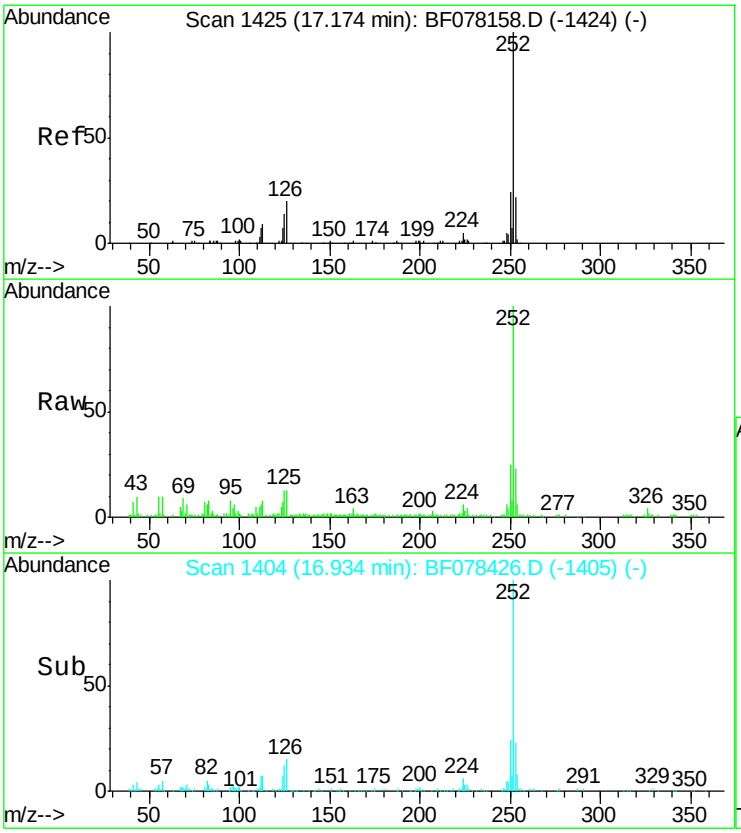
#87
Benzo(b)fluoranthene
Concen: 11.67 ng
RT: 16.93 min Scan# 1404
Delta R.T. -0.09 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 123711

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	13.3	7.0	10.4#

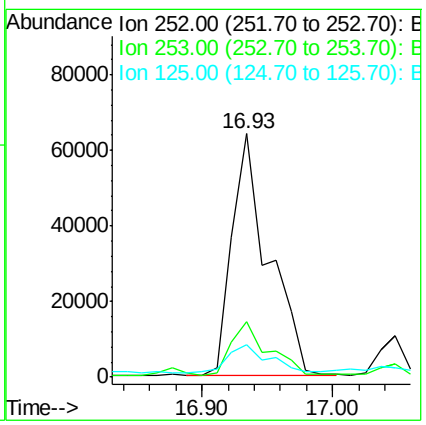


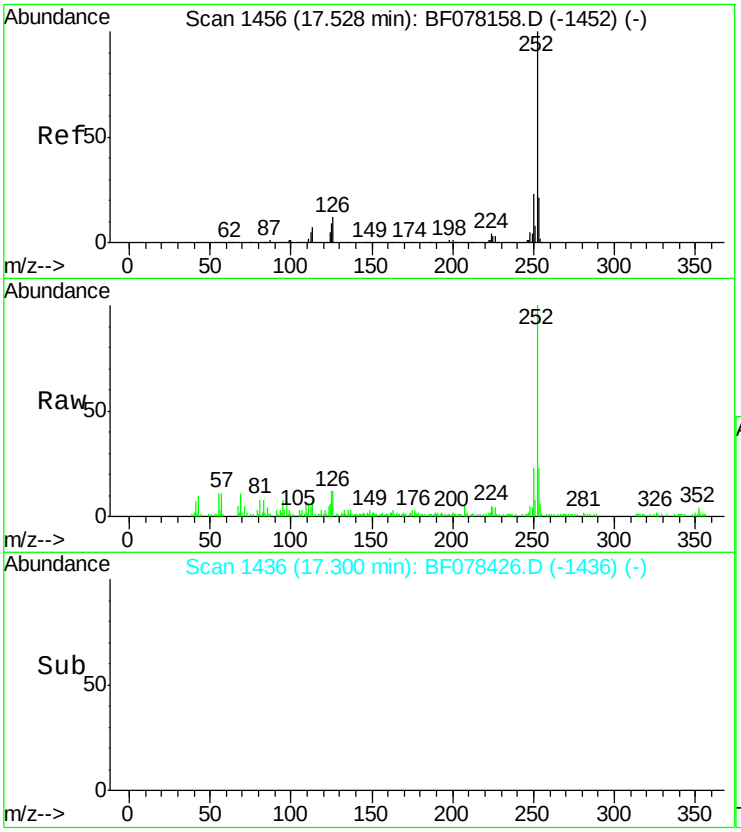


#88
Benzo(k)fluoranthene
Concen: 13.16 ng
RT: 16.93 min Scan# 1404
Delta R.T. -0.11 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Tgt Ion:252 Resp: 123993

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.3	11.6	17.4





#89
Benzo(a)pyrene
Concen: 7.04 ng
RT: 17.30 min Scan# 1436
Delta R.T. -0.10 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 65119

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.8	25.2
125	11.6	7.4	11.0#