Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
Data File : BF079370.D
Acq On : 20 May 2015 6:52
Operator : TP/IZ
Sample : G2289-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-35S

Quant Time: May 20 07:39:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 07:04:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	45285	20.00	ng		0.00
21) Naphthalene-d8	8.71	136	182540	20.00	ng		0.00
38) Acenaphthene-d10	10.88	164	90389	20.00	ng		0.00
63) Phenanthrene-d10	12.72	188	173509	20.00	ng		0.00
75) Chrysene-d12	16.01	240	193027	20.00	ng		0.01
86) Perylene-d12	17.79	264	199298	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.71	99	550448	158.29	ng		0.00
23) Nitrobenzene-d5	7.83	82	305648	96.23	ng		0.00
41) 2,4,6-Tribromophenol	11.86	330	155734	159.26	ng		0.00
44) 2-Fluorobiphenyl	10.06	172	624108	96.20	ng		0.00
78) Terphenyl-d14	14.71	244	708433	87.87	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	7.31	79	5484	2.12	ng	#	48
49) Dimethylphthalate	10.56	163	47980	7.23	ng		98
70) Phenanthrene	12.74	178	64795	6.68	ng		99
74) Fluoranthene	14.22	202	67458	6.67	ng		99
77) Pyrene	14.50	202	60437	5.43	ng		97
80) Benzo(a)anthracene	16.00	228	33054	3.13	ng		99
82) Chrysene	16.05	228	24145	2.37	ng		97
87) Benzo(b)fluoranthene	17.34	252	45265	4.15	ng		99
88) Benzo(k)fluoranthene	17.34	252	45265	4.29	ng	#	95
89) Benzo(a)pyrene	17.73	252	24866	2.48	ng		96

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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SB-35S

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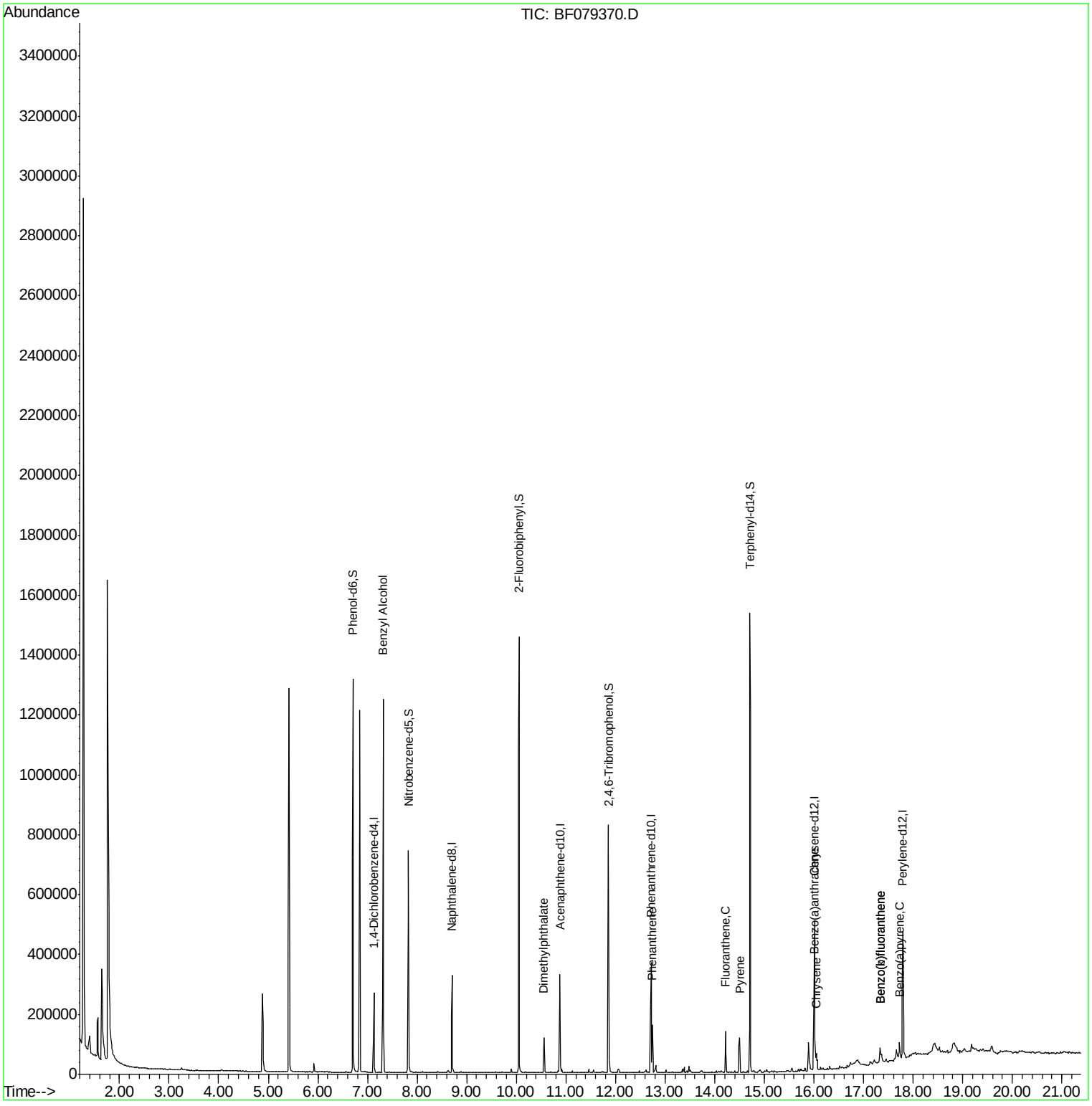
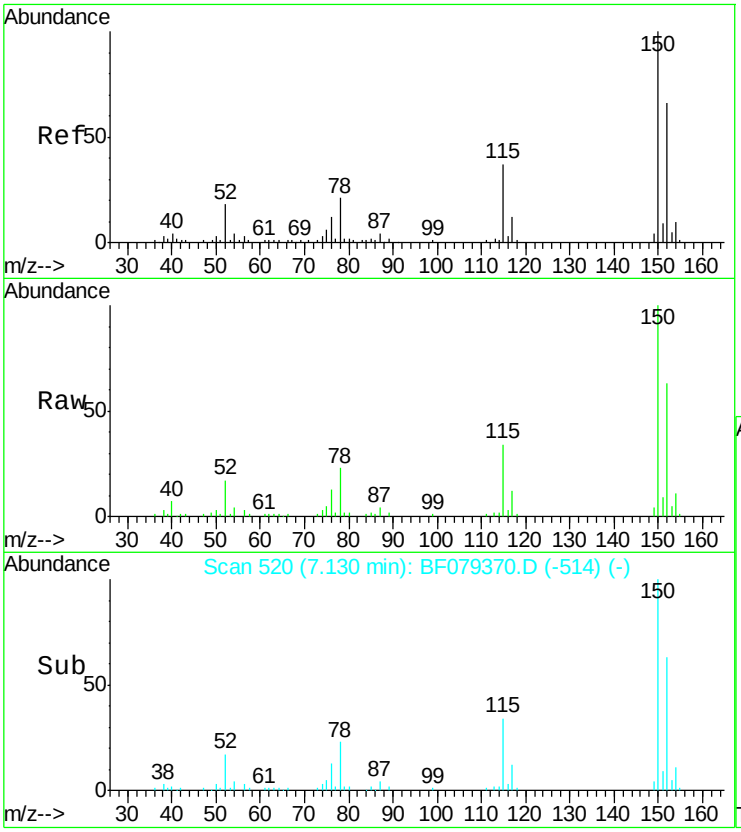


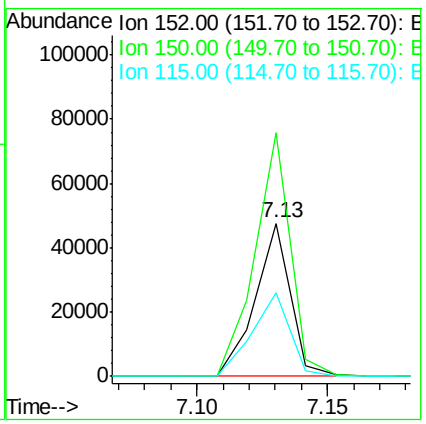


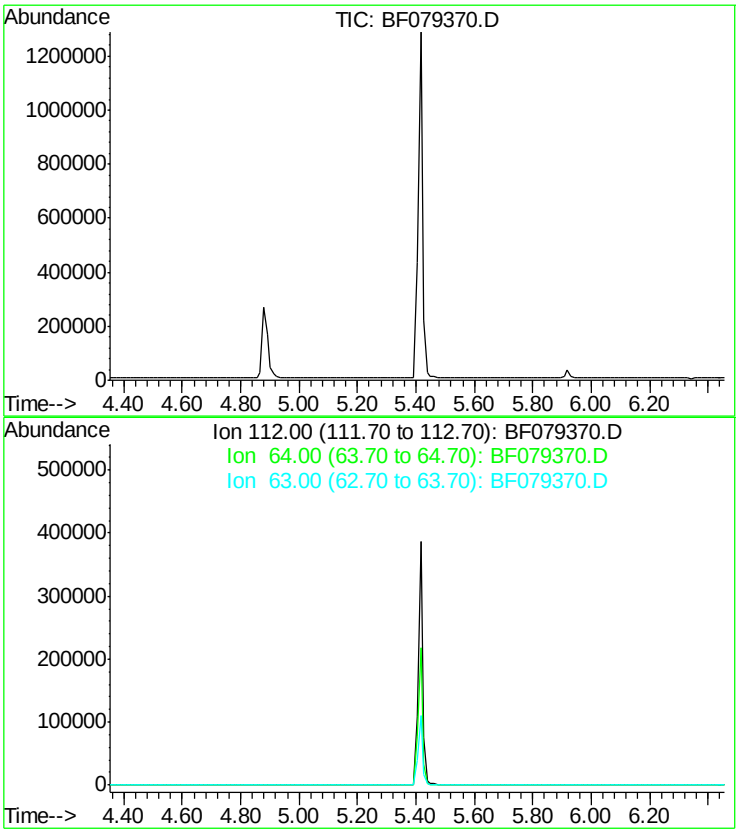
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Instrument :
BNA_F
ClientSampleId :
SB-35S

Tgt Ion:152 Resp: 45285

Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.8
115	54.8	49.4	74.0



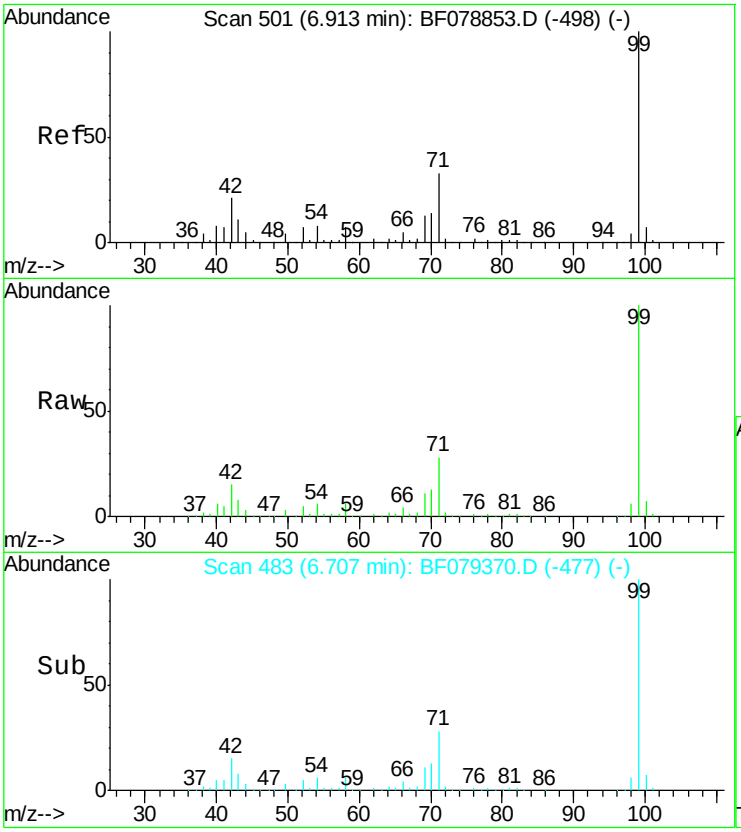


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.40 min

Lab File: BF079370.D
Acq: 20 May 2015 6:52

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4

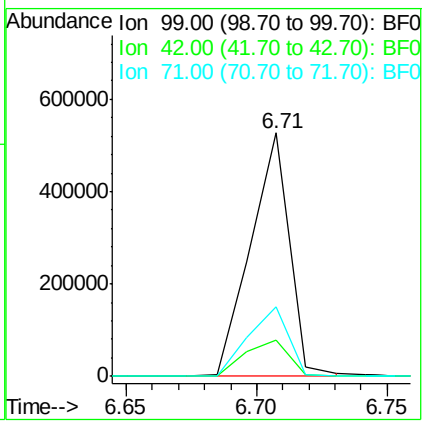


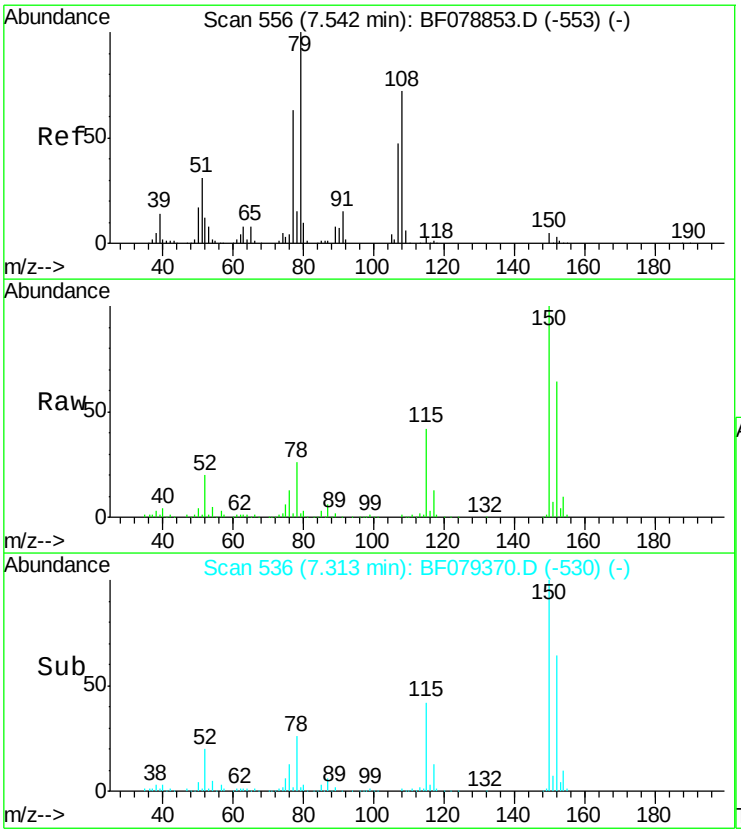
#7
Phenol-d6
Concen: 158.29 ng
RT: 6.71 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Instrument :
BNA_F
ClientSampleId :
SB-35S

Tgt Ion: 99 Resp: 550448

Ion	Ratio	Lower	Upper
99	100		
42	14.9	17.1	25.7#
71	28.5	26.3	39.5

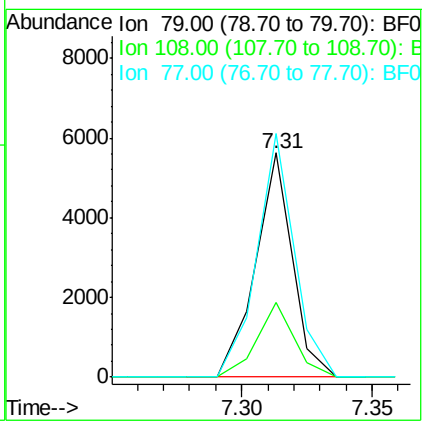


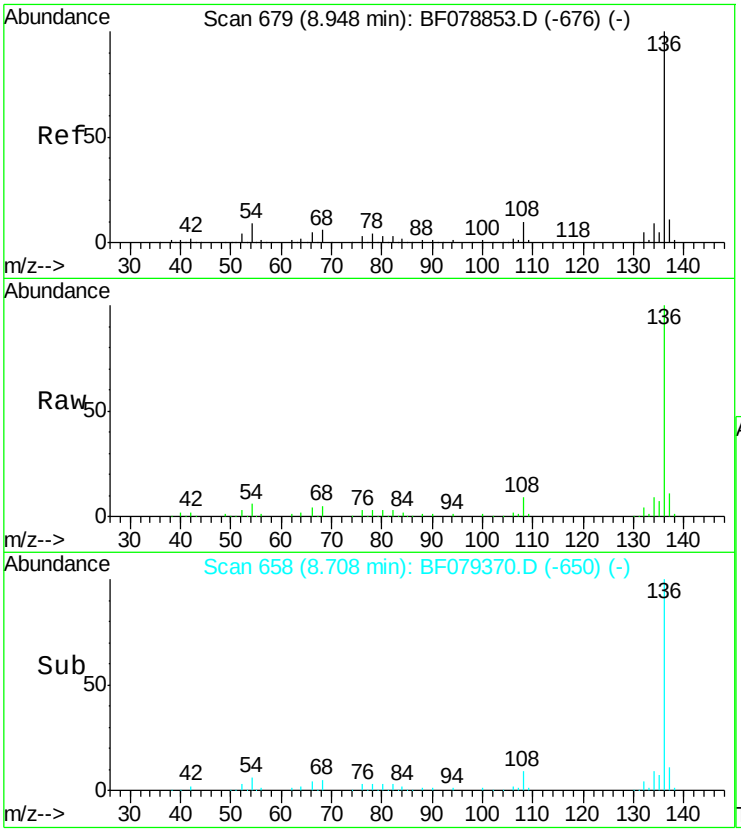


#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 7.31 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Tgt Ion: 79 Resp: 5484

Ion	Ratio	Lower	Upper
79	100		
108	33.2	57.4	86.2#
77	108.8	50.2	75.4#



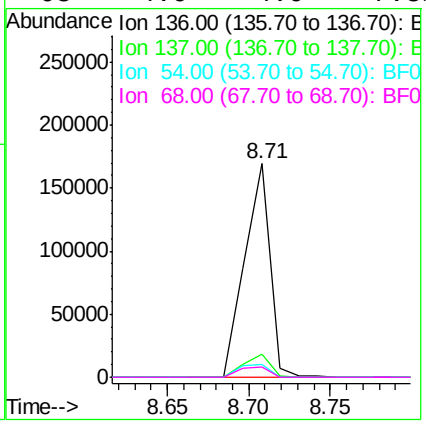


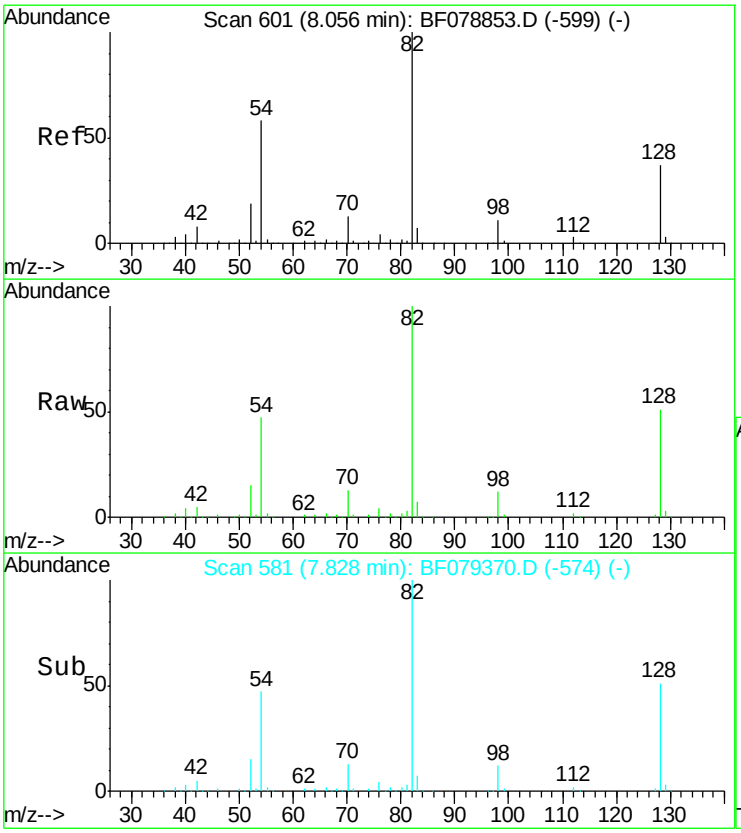
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Instrument :
BNA_F
ClientSampleId :
SB-35S

Tgt Ion:136 Resp: 182540

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.2	6.9	10.3#
68	4.9	4.9	7.3#

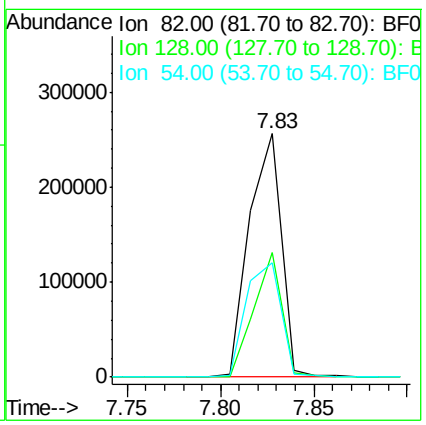


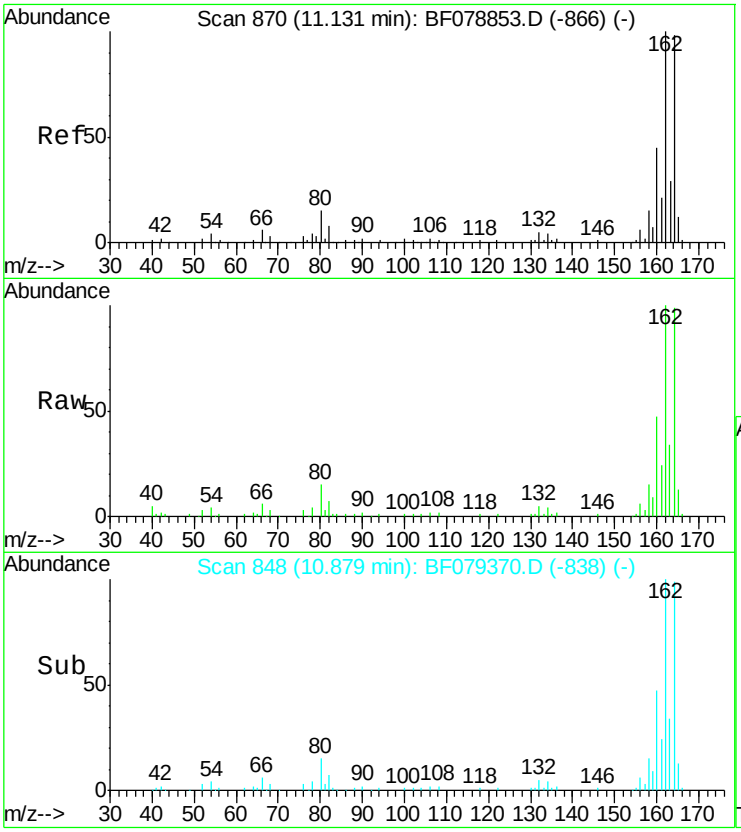


#23
Nitrobenzene-d5
Concen: 96.23 ng
RT: 7.83 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Tgt Ion: 82 Resp: 305648

Ion	Ratio	Lower	Upper
82	100		
128	51.4	29.7	44.5#
54	47.1	46.2	69.4



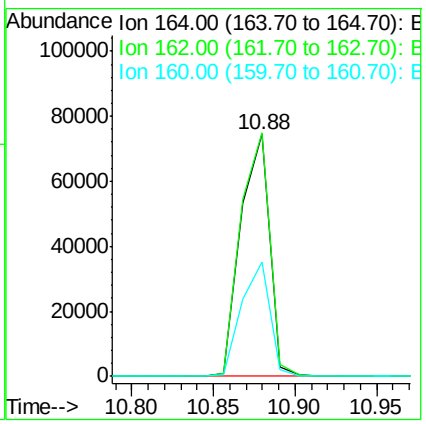


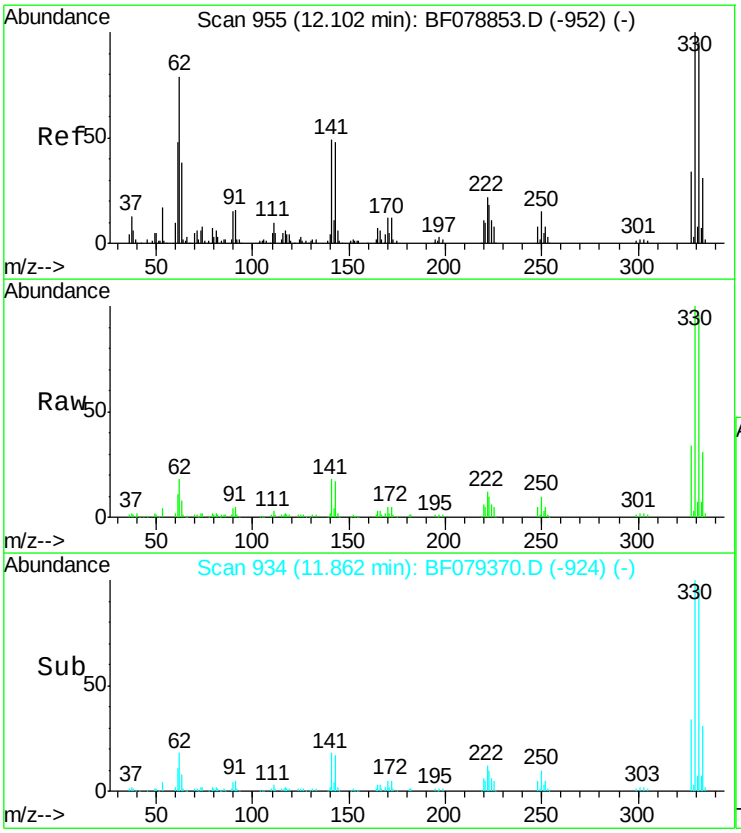
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Instrument :
BNA_F
ClientSampleId :
SB-35S

Tgt Ion:164 Resp: 90389

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.4	122.0
160	47.2	36.6	54.8

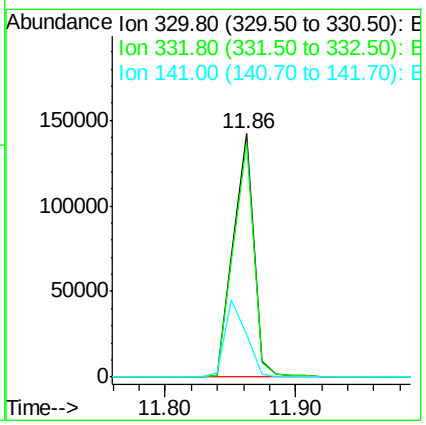


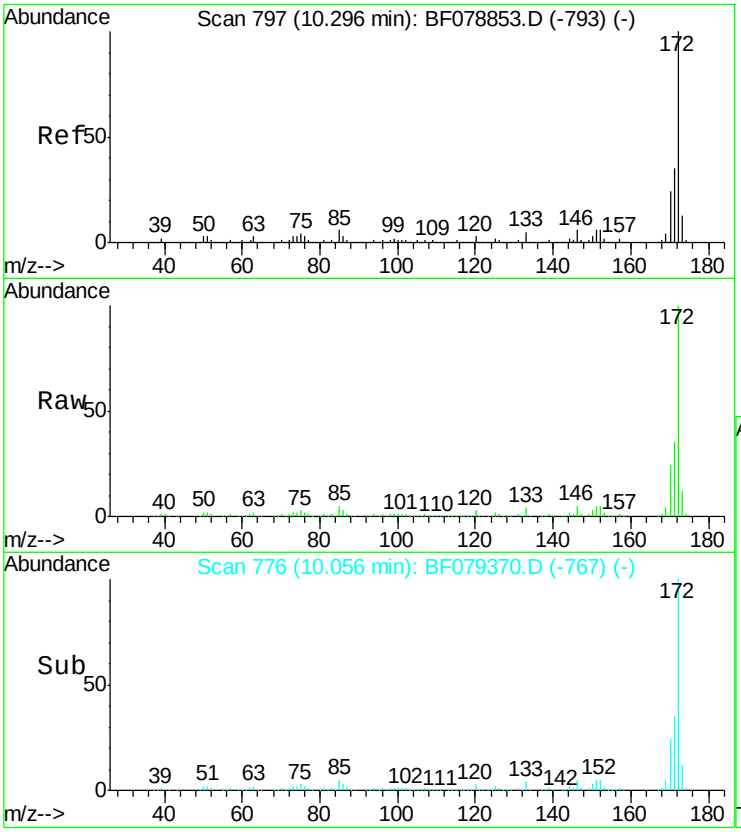


#41
2,4,6-Tribromophenol
Concen: 159.26 ng
RT: 11.86 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Tgt Ion:330 Resp: 155734

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	32.9	27.8	41.8



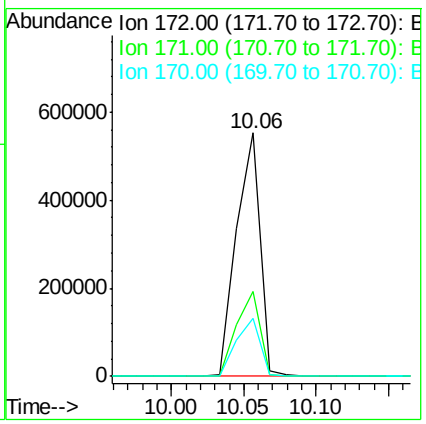


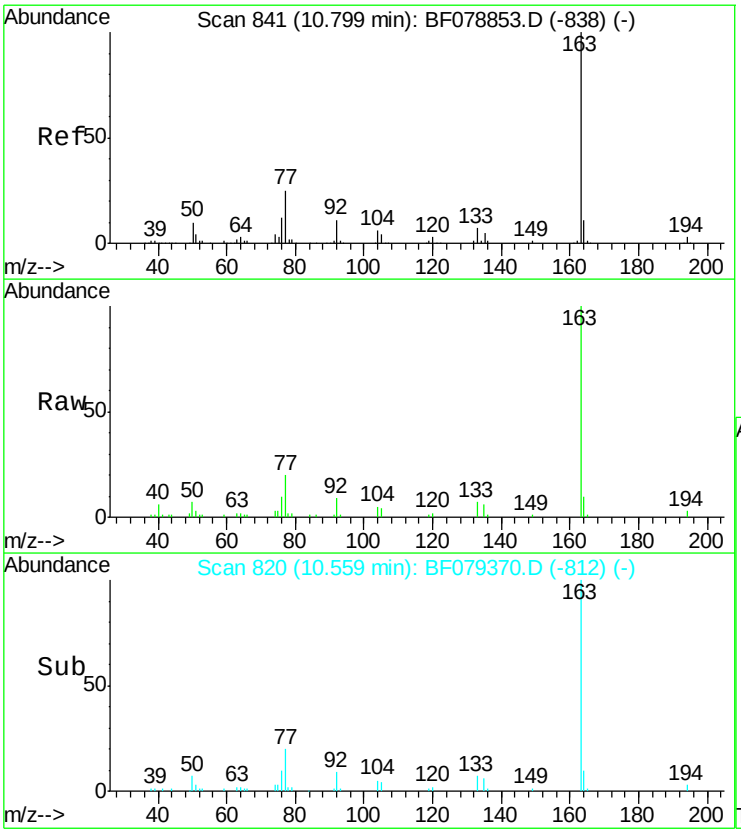
#44
2-Fluorobiphenyl
Concen: 96.20 ng
RT: 10.06 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Instrument :
BNA_F
ClientSampleId :
SB-35S

Tgt Ion:172 Resp: 624108

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	24.0	19.4	29.2

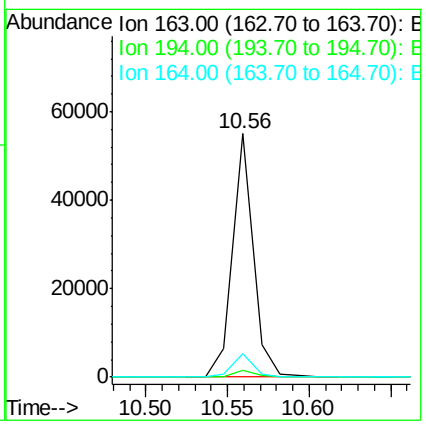


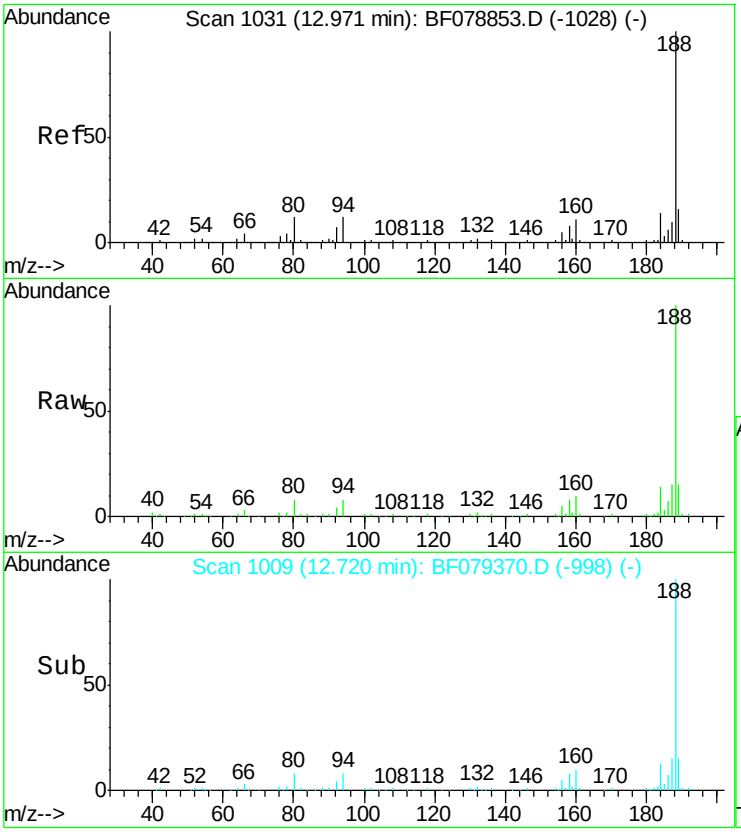


#49
Dimethylphthalate
Concen: 7.23 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Tgt Ion:163 Resp: 47980

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.4	3.6
164	9.7	8.6	12.8



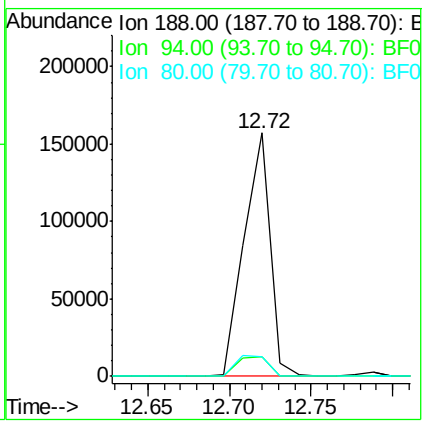


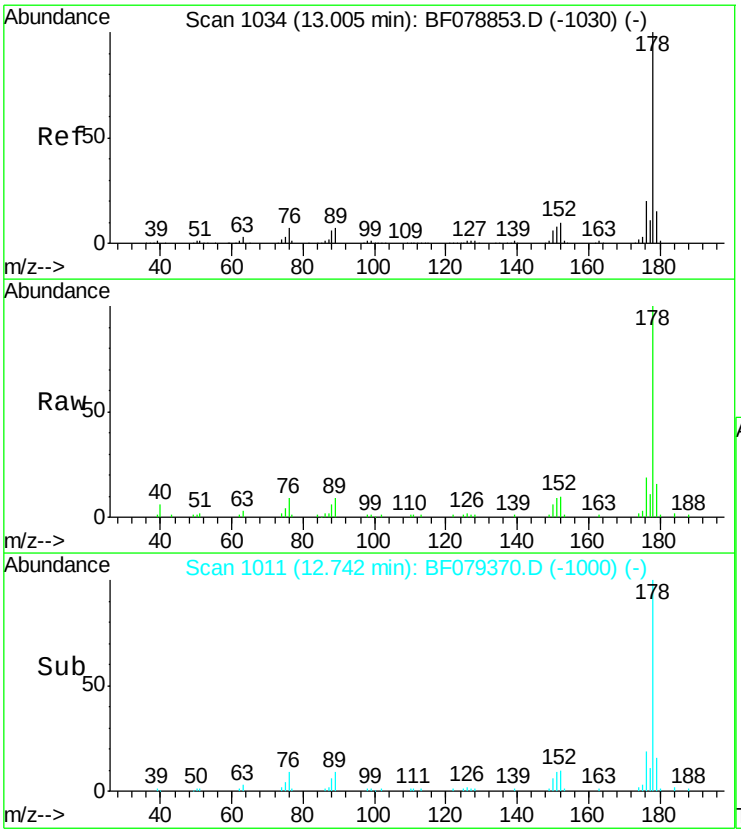
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.72 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Instrument :
BNA_F
ClientSampleId :
SB-35S

Tgt Ion:188 Resp: 173509

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.4	14.0#
80	8.1	9.8	14.6#

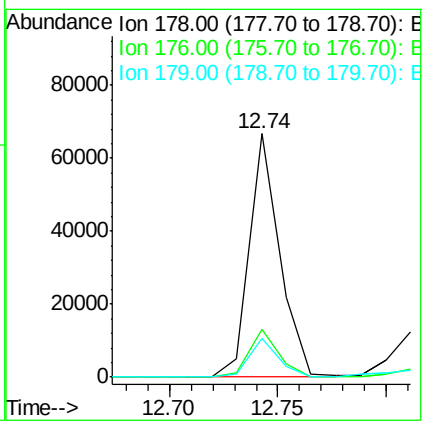


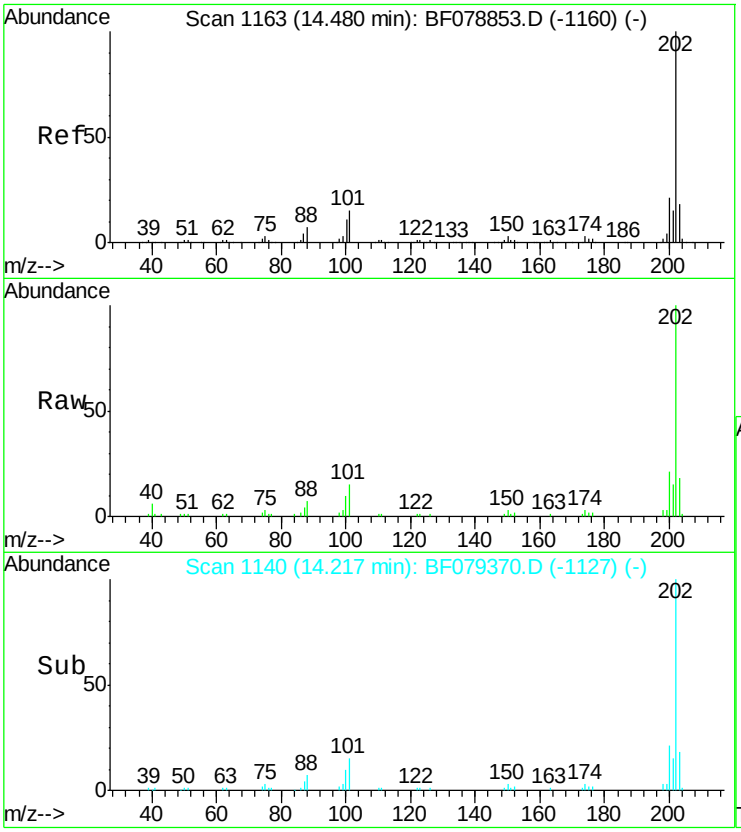


#70
Phenanthrene
Concen: 6.68 ng
RT: 12.74 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Tgt Ion:178 Resp: 64795

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.7	12.2	18.4



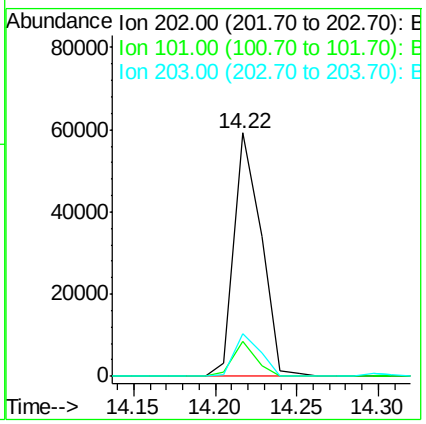


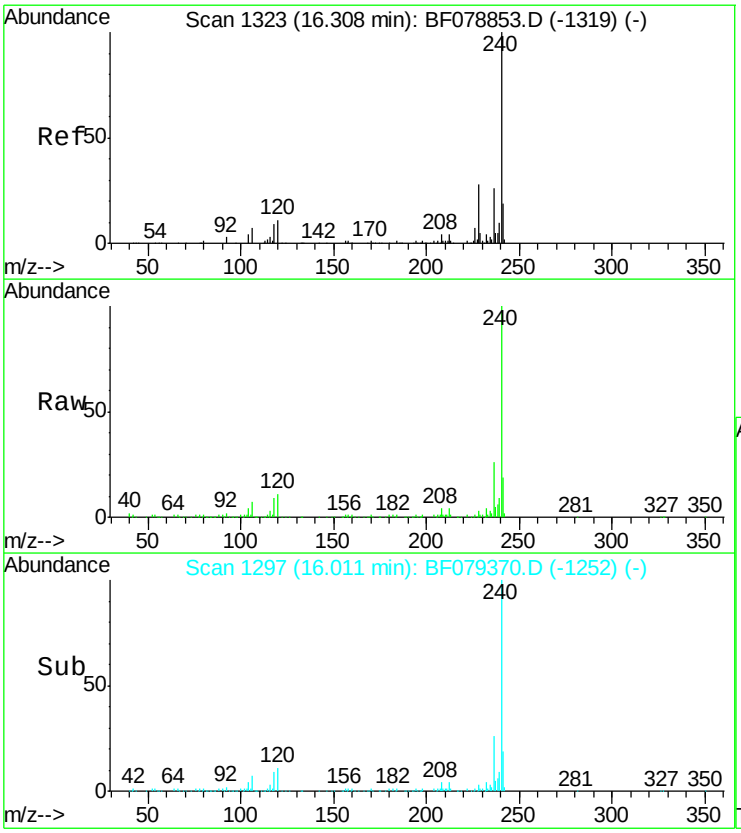
#74
Fluoranthene
Concen: 6.67 ng
RT: 14.22 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Instrument :
BNA_F
ClientSampleId :
SB-35S

Tgt Ion:202 Resp: 67458

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.7
203	17.6	0.0	37.9

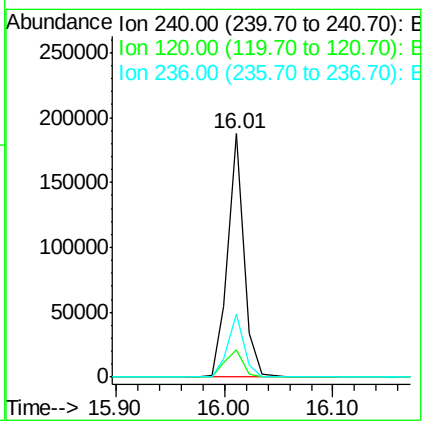


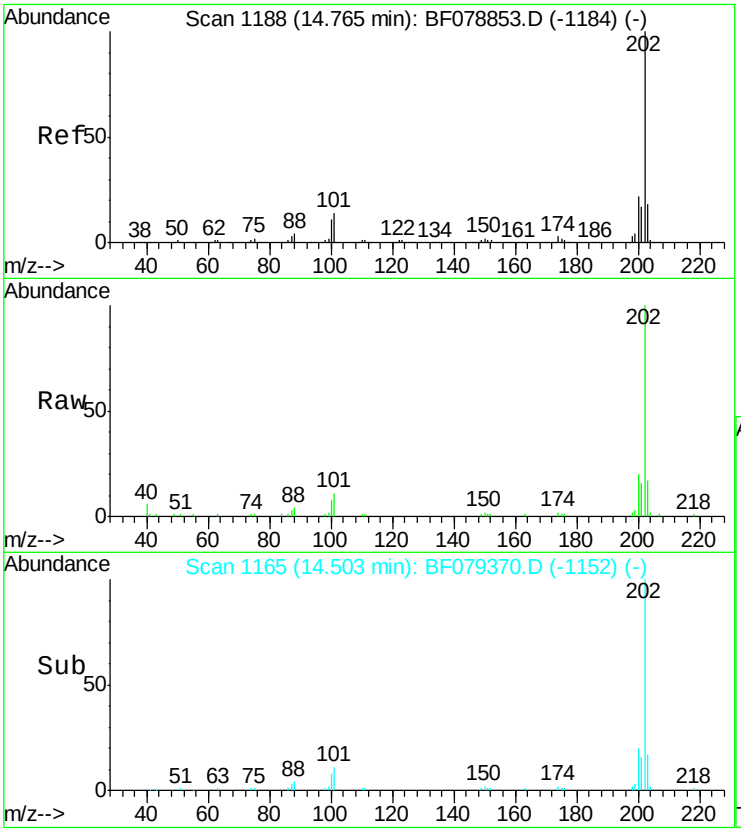


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.01 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Tgt Ion:240 Resp: 193027

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.6	12.8
236	25.8	21.0	31.6



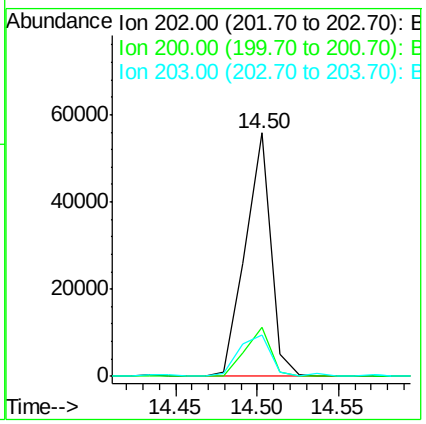


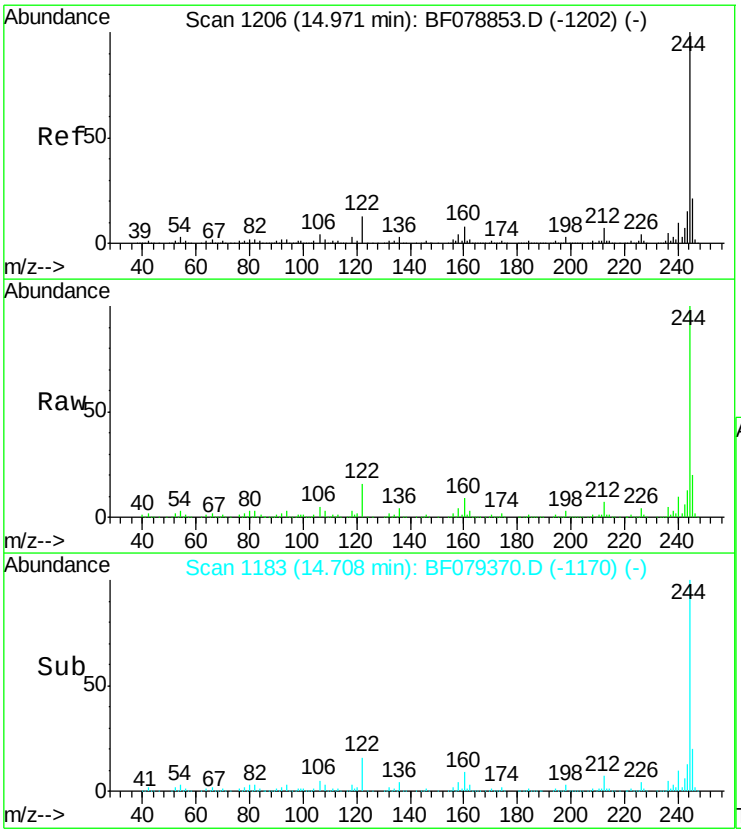
#77
Pyrene
Concen: 5.43 ng
RT: 14.50 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Instrument :
BNA_F
ClientSampleId :
SB-35S

Tgt Ion:202 Resp: 60437

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.5	26.3
203	17.1	14.7	22.1

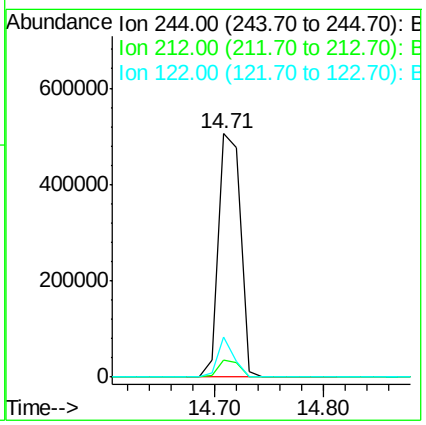


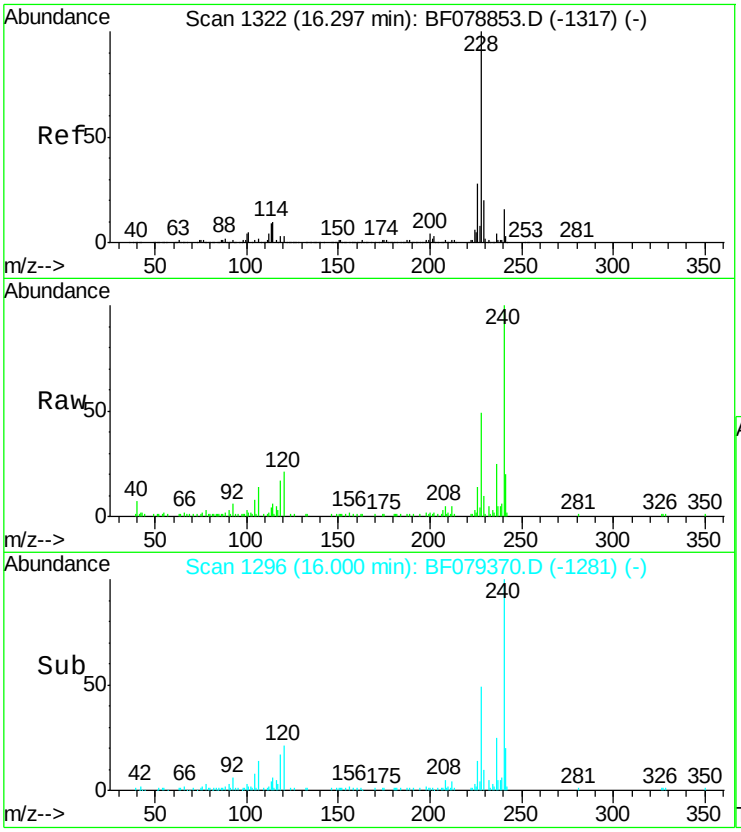


#78
Terphenyl-d14
Concen: 87.87 ng
RT: 14.71 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Tgt Ion:244 Resp: 708433

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	16.2	10.5	15.7#



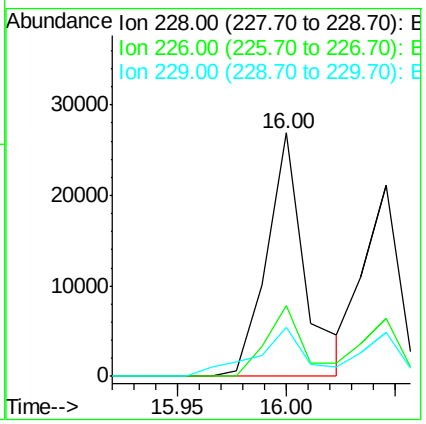


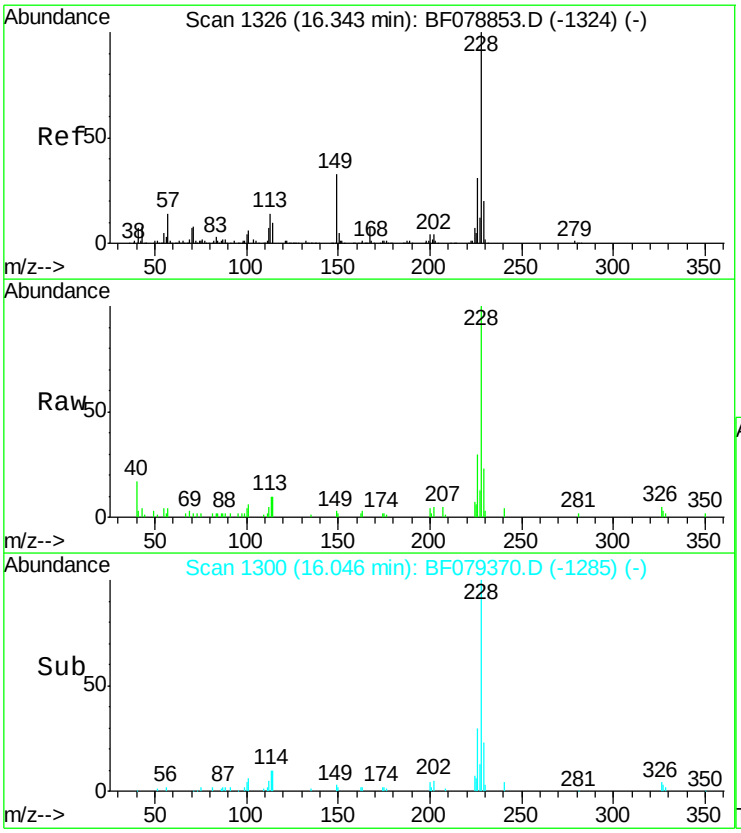
#80
Benzo(a)anthracene
Concen: 3.13 ng
RT: 16.00 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Instrument :
BNA_F
ClientSampleId :
SB-35S

Tgt Ion:228 Resp: 33054

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.3	33.5
229	20.2	16.1	24.1

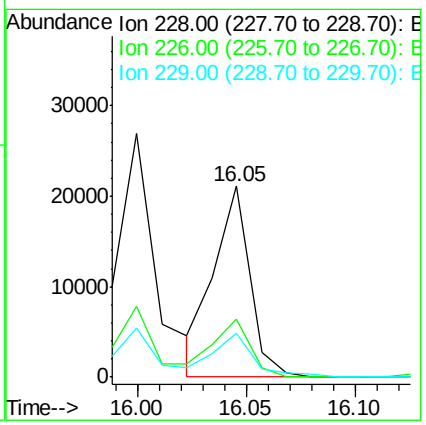


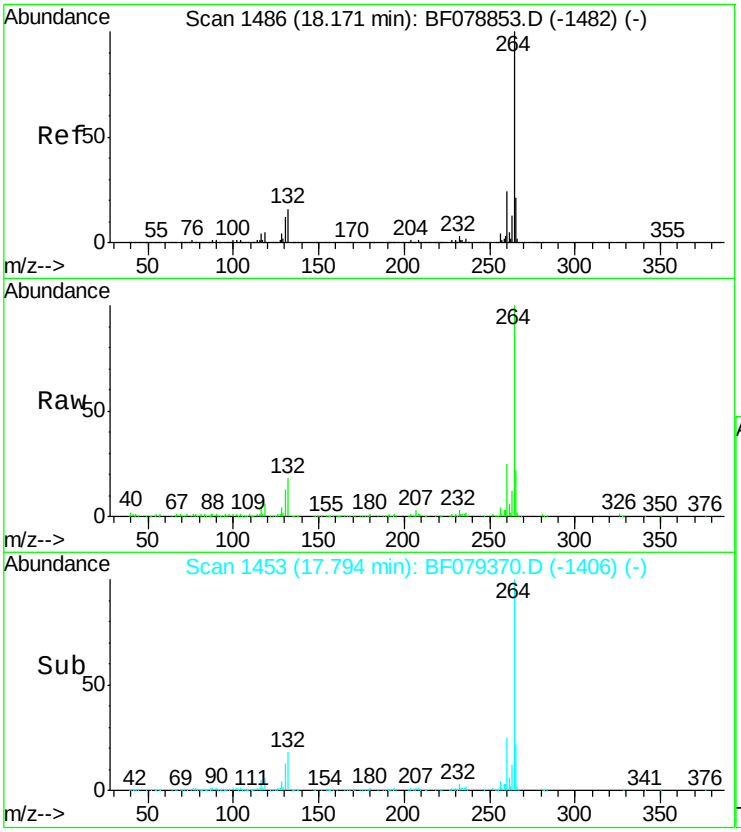


#82
Chrysene
Concen: 2.37 ng
RT: 16.05 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Tgt Ion:228 Resp: 24145

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.8	37.2
229	22.9	16.1	24.1



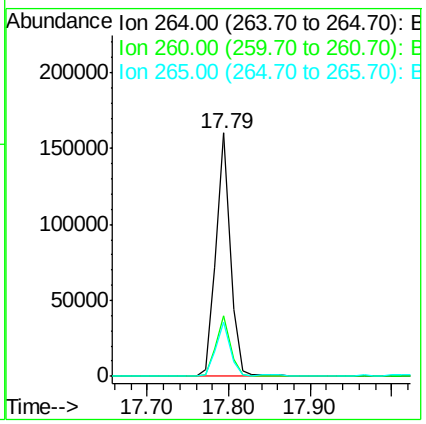


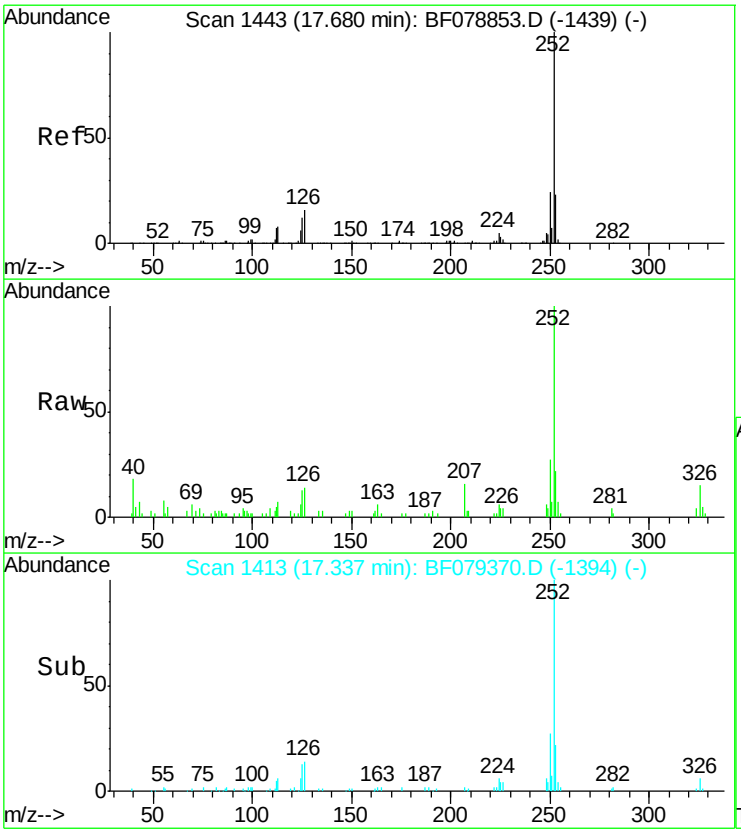
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1453
Delta R.T. 0.03 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Instrument :
BNA_F
ClientSampleId :
SB-35S

Tgt Ion:264 Resp: 199298

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	17.2	25.8

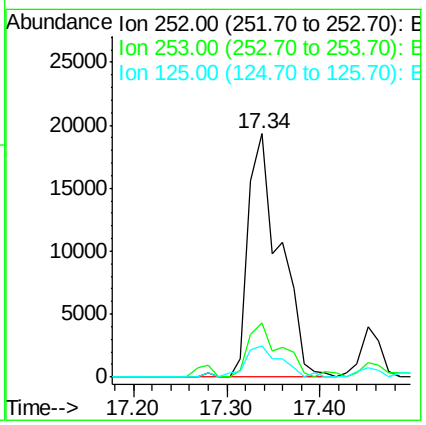


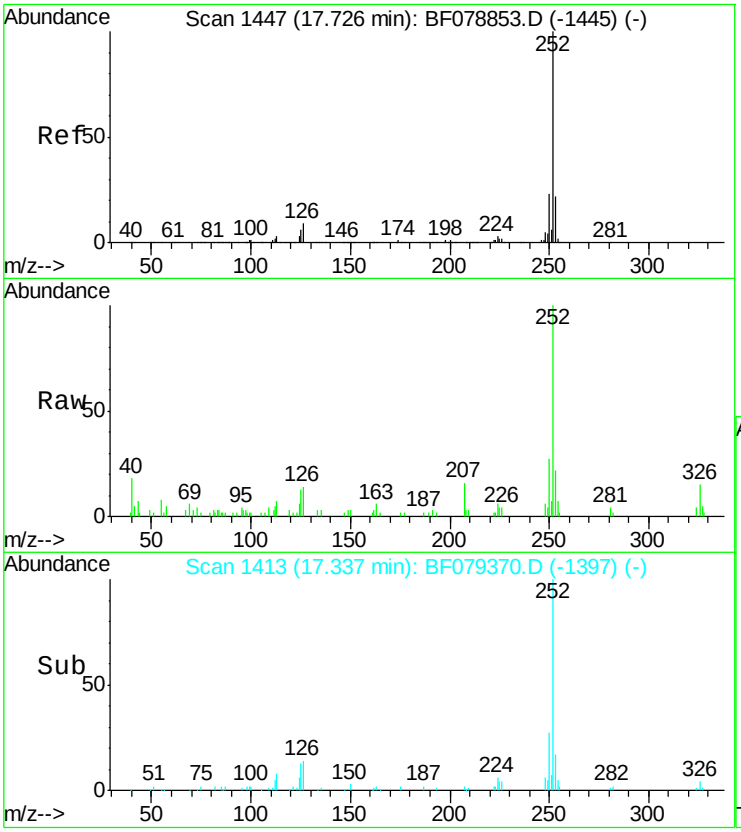


#87
Benzo(b)fluoranthene
Concen: 4.15 ng
RT: 17.34 min Scan# 1413
Delta R.T. 0.03 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Tgt Ion:252 Resp: 45265

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.7	9.4	14.2



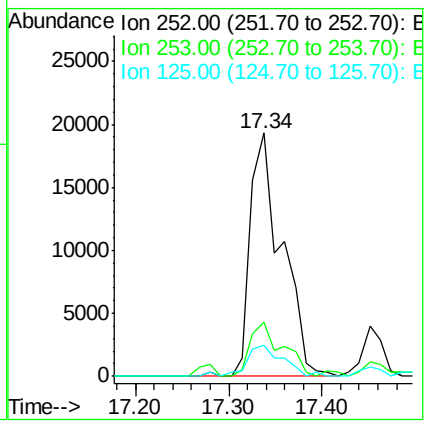


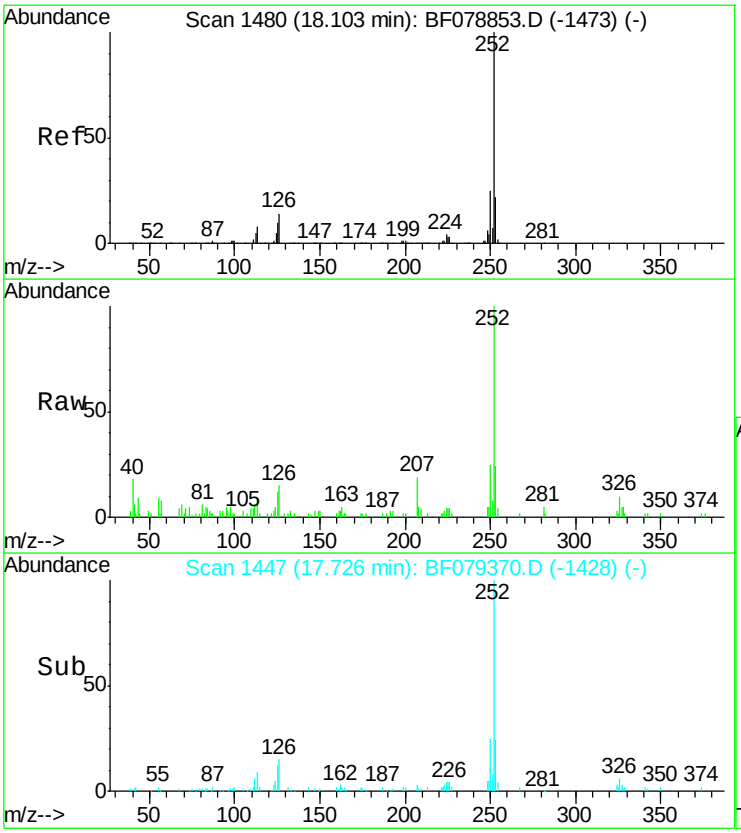
#88
Benzo(k)fluoranthene
Concen: 4.29 ng
RT: 17.34 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Instrument :
BNA_F
ClientSampleId :
SB-35S

Tgt Ion:252 Resp: 45265

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	12.7	6.1	9.1#





#89
Benzo(a)pyrene
Concen: 2.48 ng
RT: 17.73 min Scan# 1447
Delta R.T. 0.03 min
Lab File: BF079370.D
Acq: 20 May 2015 6:52

Tgt Ion:252 Resp: 24866

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	11.8	8.2	12.2