Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
Data File : BF079088.D
Acq On : 9 May 2015 19:00
Operator : TP/IZ
Sample : G2084-02RE
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2

Quant Time: May 11 02:07:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 01:50:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	82400	20.00	ng		-0.01
21) Naphthalene-d8	8.89	136	345532	20.00	ng		0.00
38) Acenaphthene-d10	11.07	164	172355	20.00	ng		0.00
63) Phenanthrene-d10	12.91	188	323723	20.00	ng		0.00
75) Chrysene-d12	16.22	240	302402	20.00	ng		0.01
86) Perylene-d12	17.99	264	309357	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	425665	88.92	ng		0.00
7) Phenol-d6	6.88	99	602912	95.29	ng		0.00
23) Nitrobenzene-d5	8.01	82	335969	55.88	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	128373	68.85	ng		0.00
44) 2-Fluorobiphenyl	10.24	172	464367	37.54	ng		0.00
78) Terphenyl-d14	14.91	244	470545	37.25	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	8.55	122	8731	8.76	ng		97
49) Dimethylphthalate	10.74	163	40251	3.18	ng		99
70) Phenanthrene	12.95	178	54364	3.00	ng		99
74) Fluoranthene	14.42	202	133421	7.07	ng		96
77) Pyrene	14.71	202	125180	7.18	ng		97
80) Benzo(a)anthracene	16.25	228	53883	3.25	ng		95
82) Chrysene	16.25	228	65713	4.13	ng		98
85) Indeno(1,2,3-cd)pyrene	19.47	276	60173	2.97	ng	#	100
87) Benzo(b)fluoranthene	17.53	252	152680	9.02	ng		100
88) Benzo(k)fluoranthene	17.53	252	154139	9.40	ng		98
89) Benzo(a)pyrene	17.92	252	73866	4.74	ng	#	96
91) Benzo(g,h,i)perylene	19.92	276	56796	3.42	ng		99

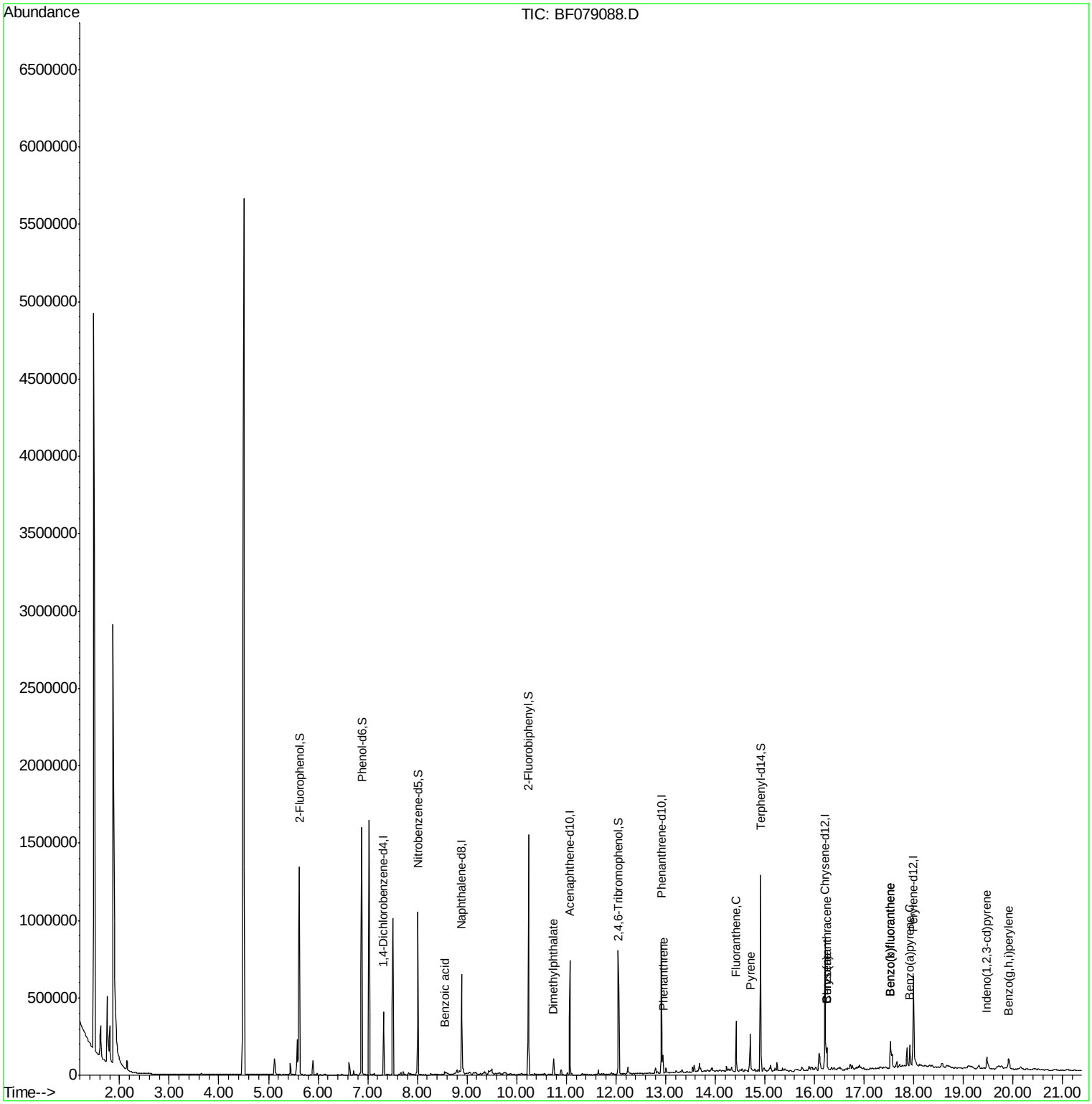
(#) = qualifier out of range (m) = manual integration (+) = signals summed

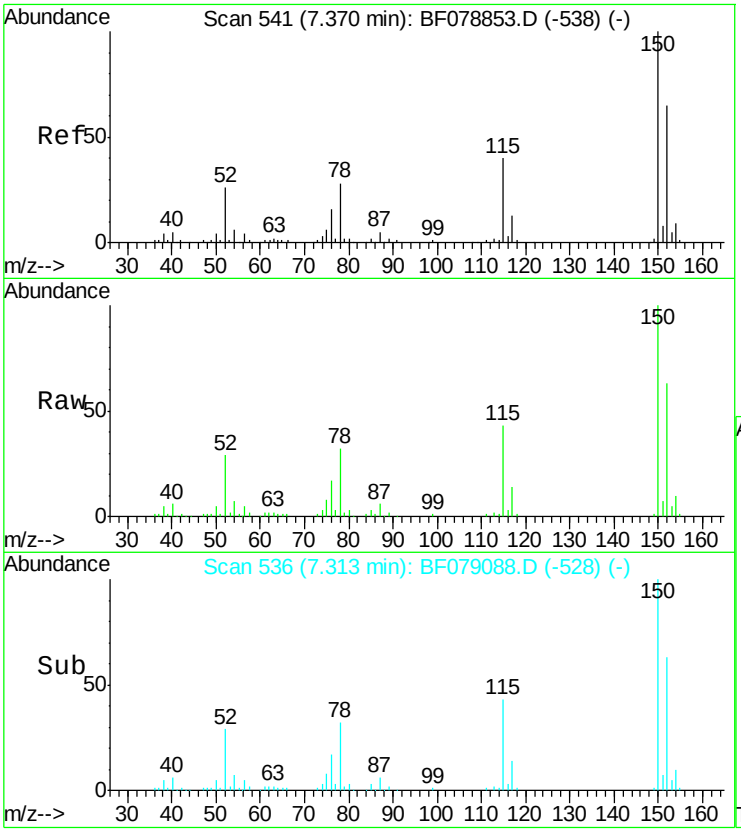
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
Data File : BF079088.D
Acq On : 9 May 2015 19:00
Operator : TP/IZ
Sample : G2084-02RE
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2

Quant Time: May 11 02:07:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 01:50:36 2015
Response via : Initial Calibration



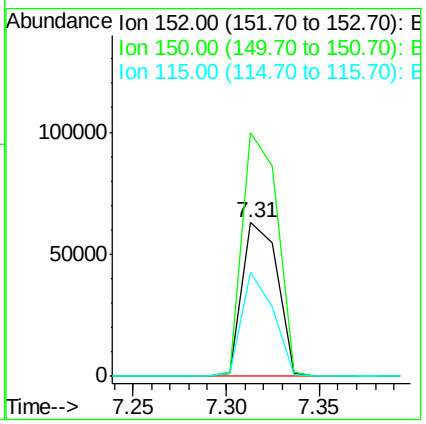


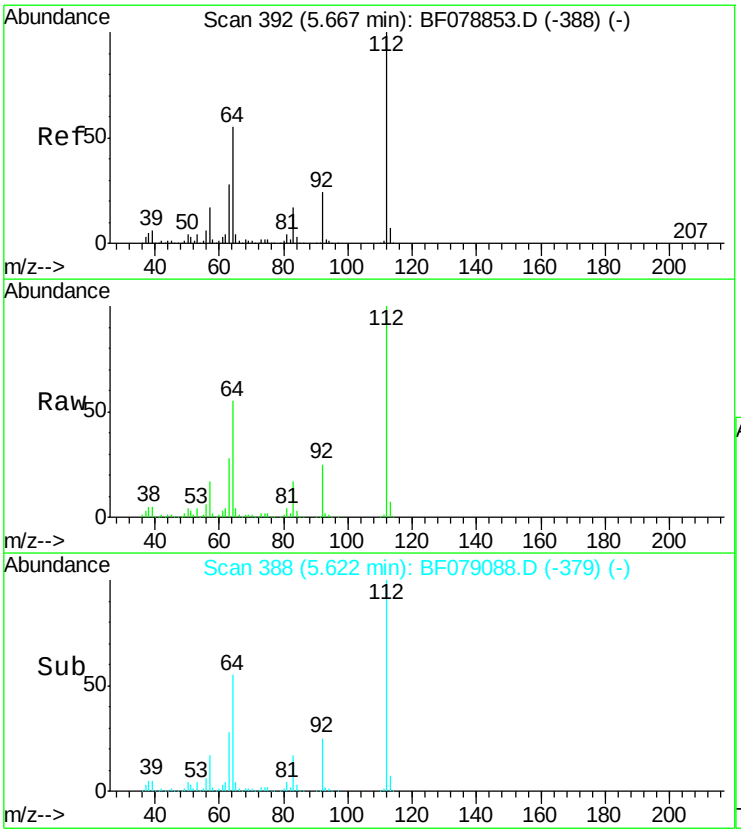
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.31 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Instrument :
BNA_F
ClientSampleId :
2

Tgt Ion:152 Resp: 82400

Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.0	183.0
115	68.2	46.3	69.5

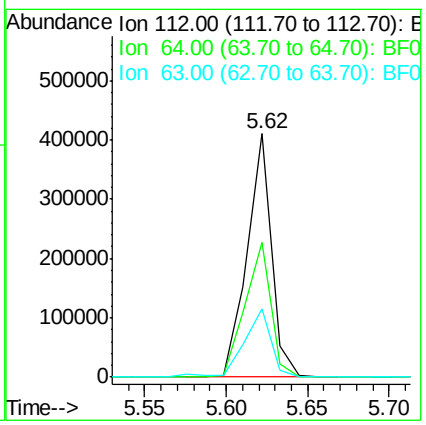


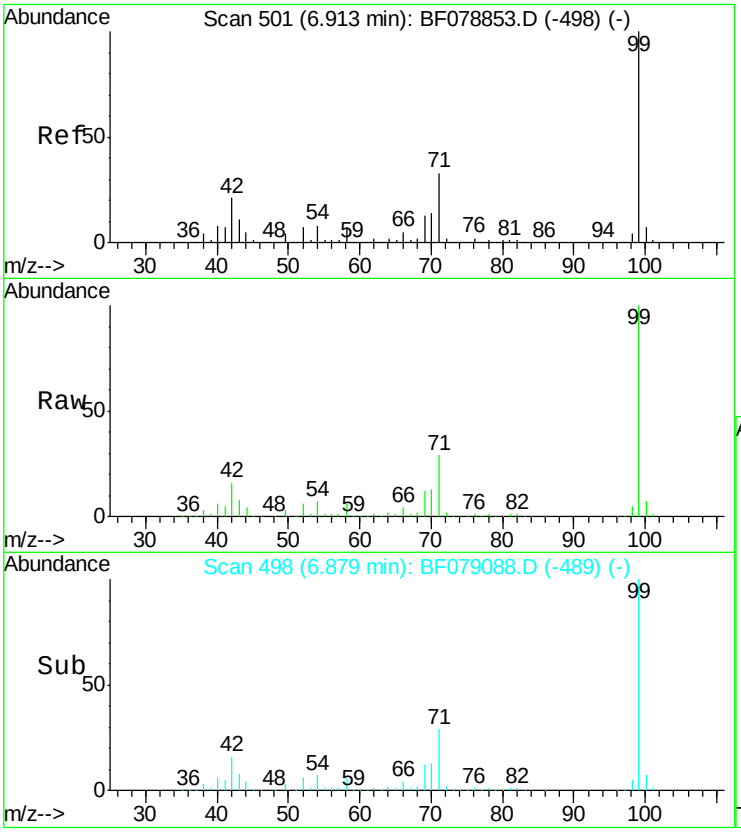


#5
2-Fluorophenol
Concen: 88.92 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Tgt Ion:112 Resp: 425665

Ion	Ratio	Lower	Upper
112	100		
64	55.2	53.5	80.3
63	27.9	27.5	41.3



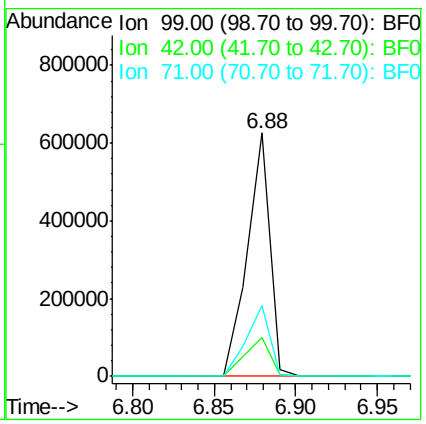


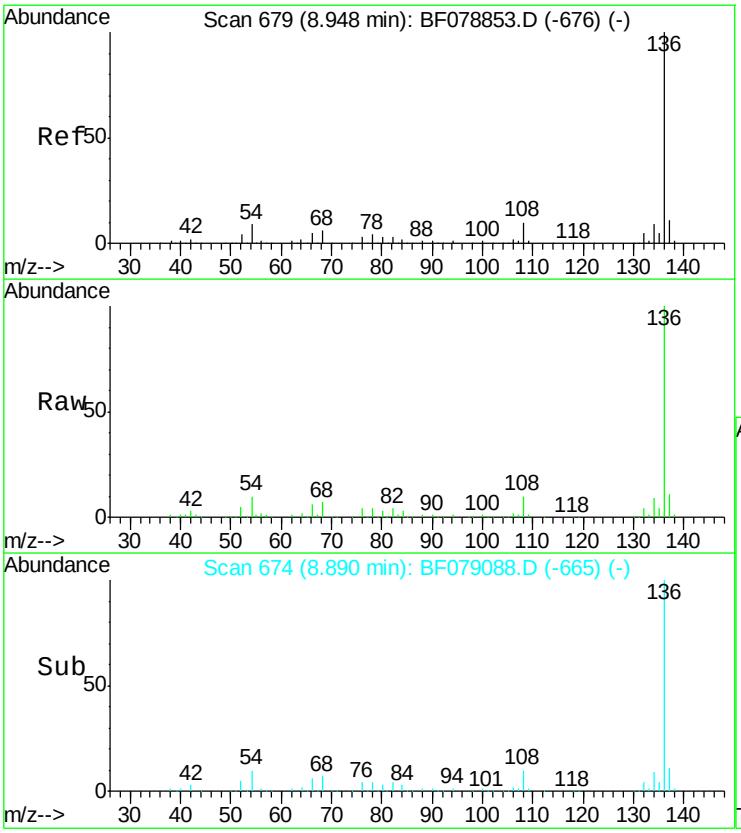
#7
Phenol-d6
Concen: 95.29 ng
RT: 6.88 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Instrument :
BNA_F
ClientSampleId :
2

Tgt Ion: 99 Resp: 602912

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.8	19.2
71	29.0	23.4	35.2

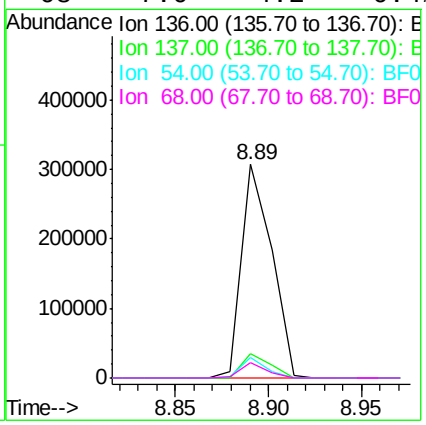


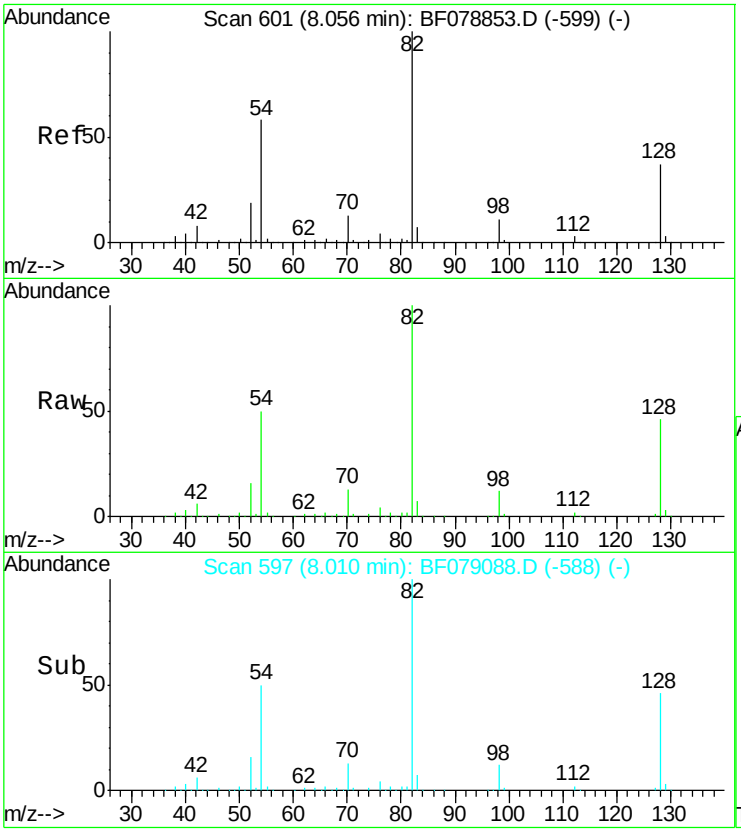


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.89 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Tgt Ion:136 Resp: 345532

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	9.6	5.8	8.8#
68	7.0	4.2	6.4#



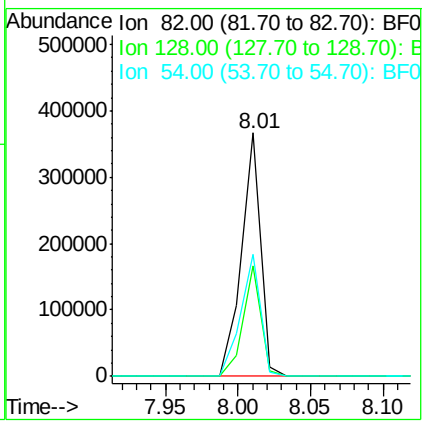


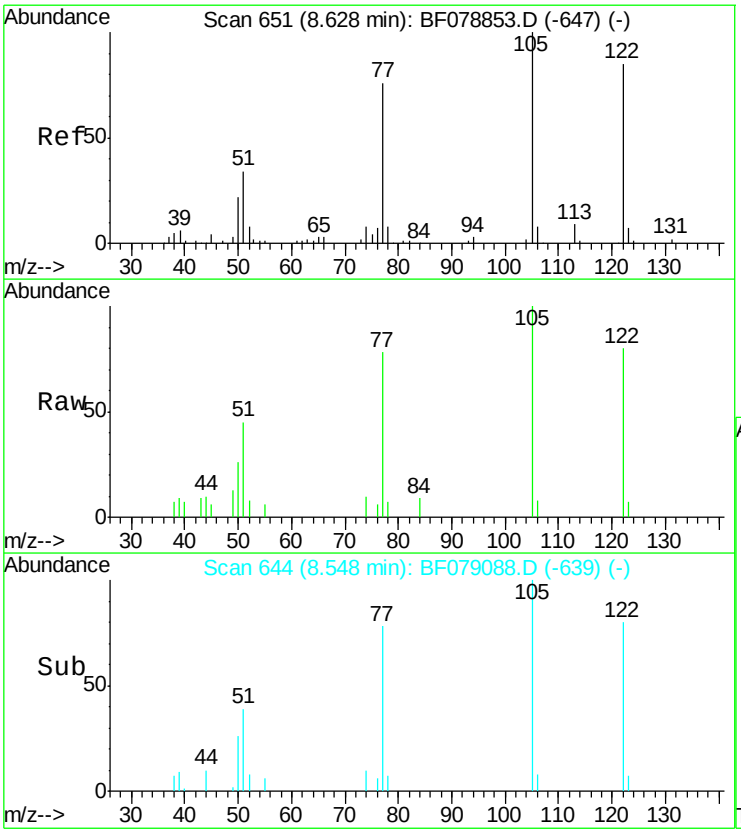
#23
Nitrobenzene-d5
Concen: 55.88 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Instrument :
BNA_F
ClientSampleId :
2

Tgt Ion: 82 Resp: 335969

Ion	Ratio	Lower	Upper
82	100		
128	45.6	30.0	45.0#
54	50.2	46.4	69.6

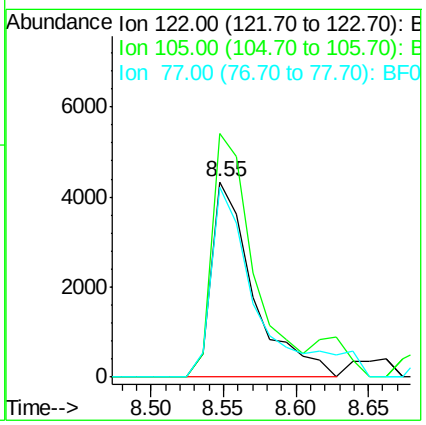


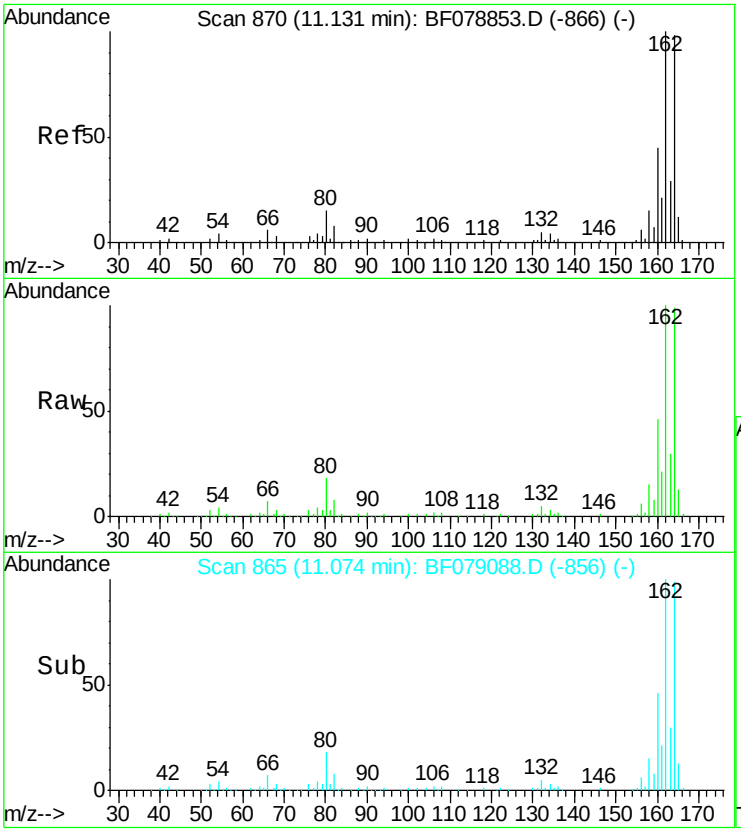


#32
Benzoic acid
Concen: 8.76 ng
RT: 8.55 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Tgt Ion:122 Resp: 8731

Ion	Ratio	Lower	Upper
122	100		
105	124.6	107.1	147.1
77	97.1	73.9	113.9



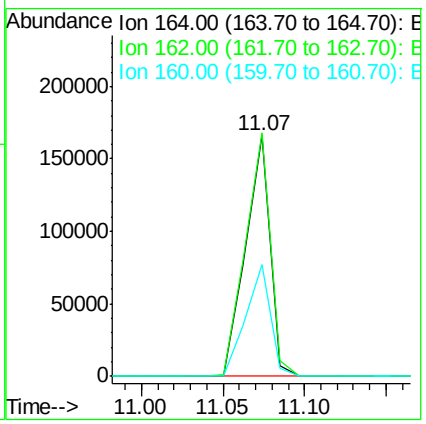


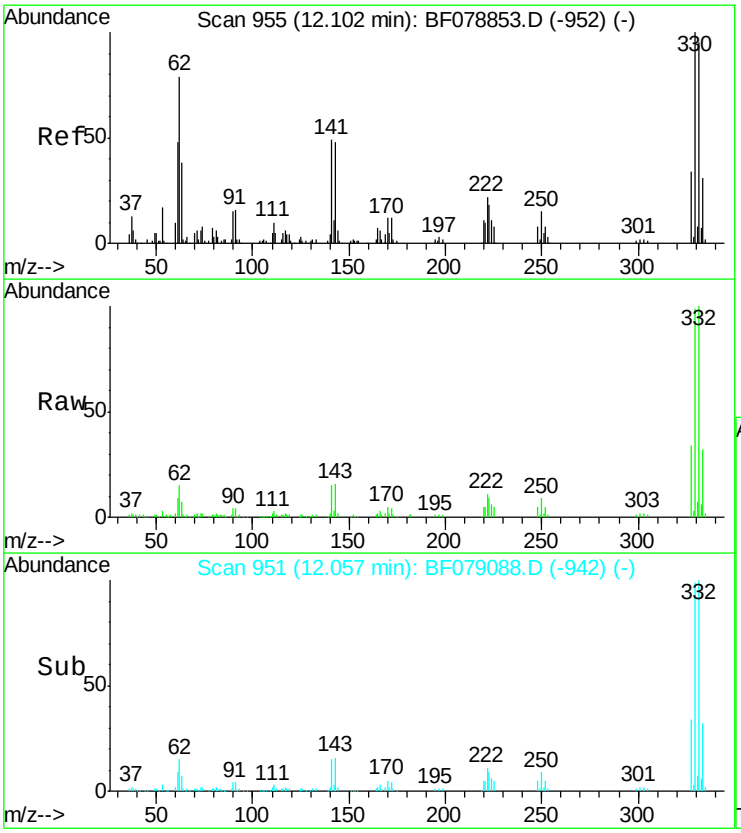
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Instrument :
BNA_F
ClientSampleId :
2

Tgt Ion:164 Resp: 172355

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.7	124.1
160	46.5	35.8	53.8

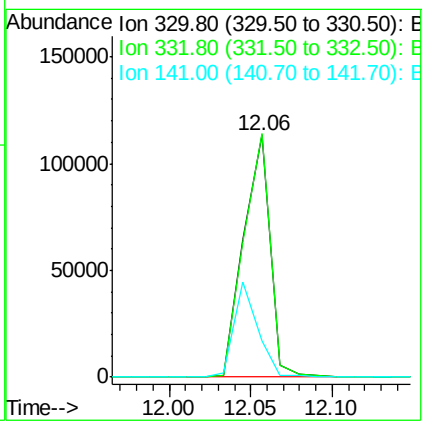


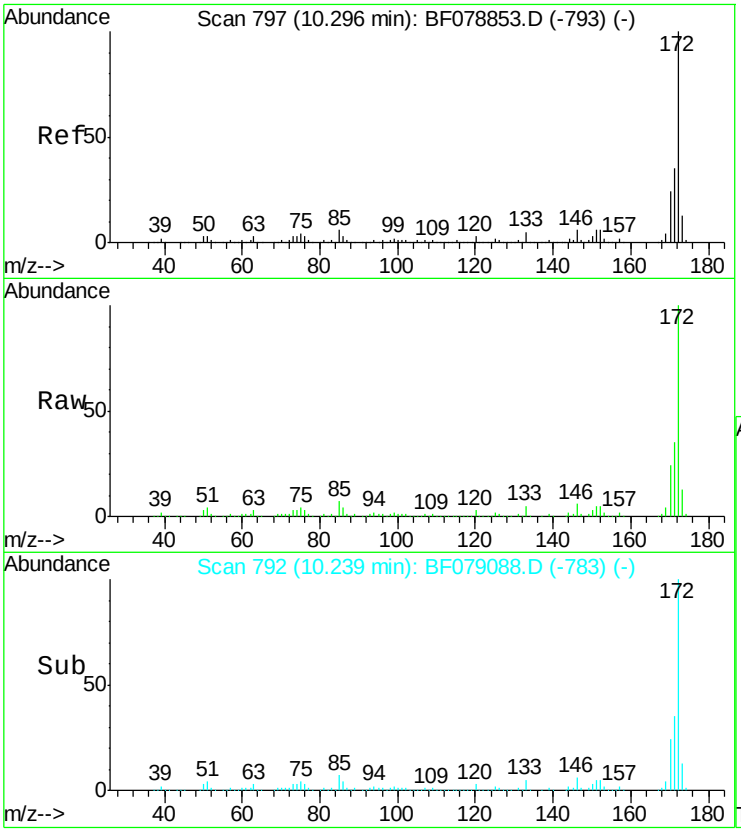


#41
2,4,6-Tribromophenol
Concen: 68.85 ng
RT: 12.06 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Tgt Ion:330 Resp: 128373

Ion	Ratio	Lower	Upper
330	100		
332	99.4	0.0	0.0#
141	34.9	0.0	0.0#



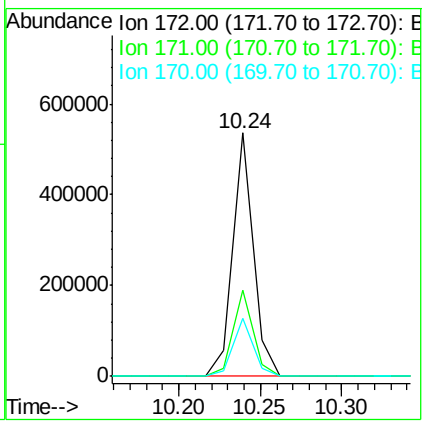


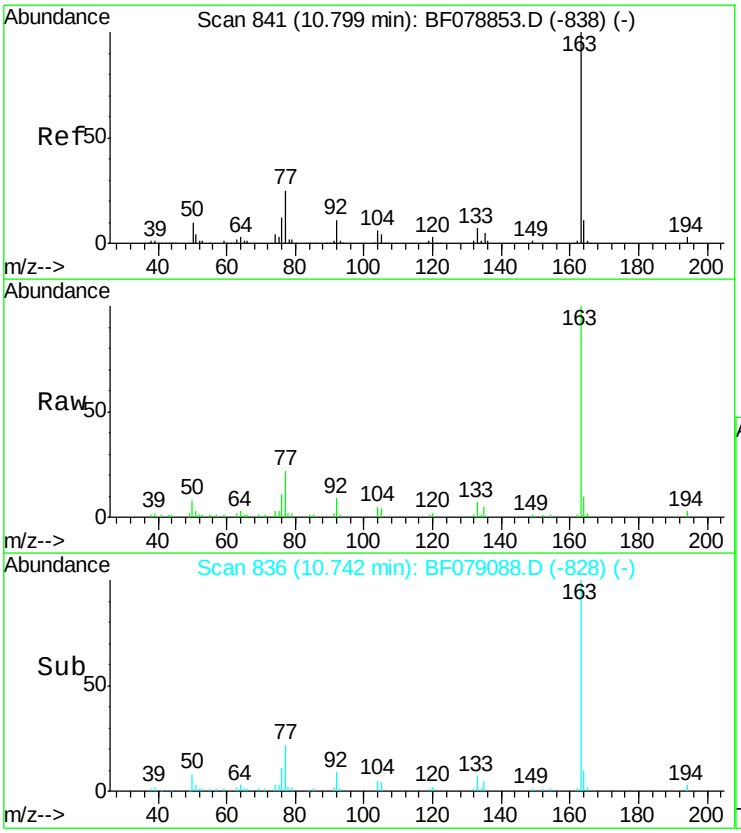
#44
2-Fluorobiphenyl
Concen: 37.54 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Instrument :
BNA_F
ClientSampleId :
2

Tgt Ion:172 Resp: 464367

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.8	19.4	29.0

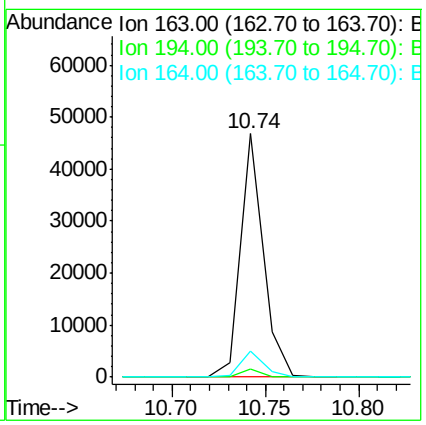


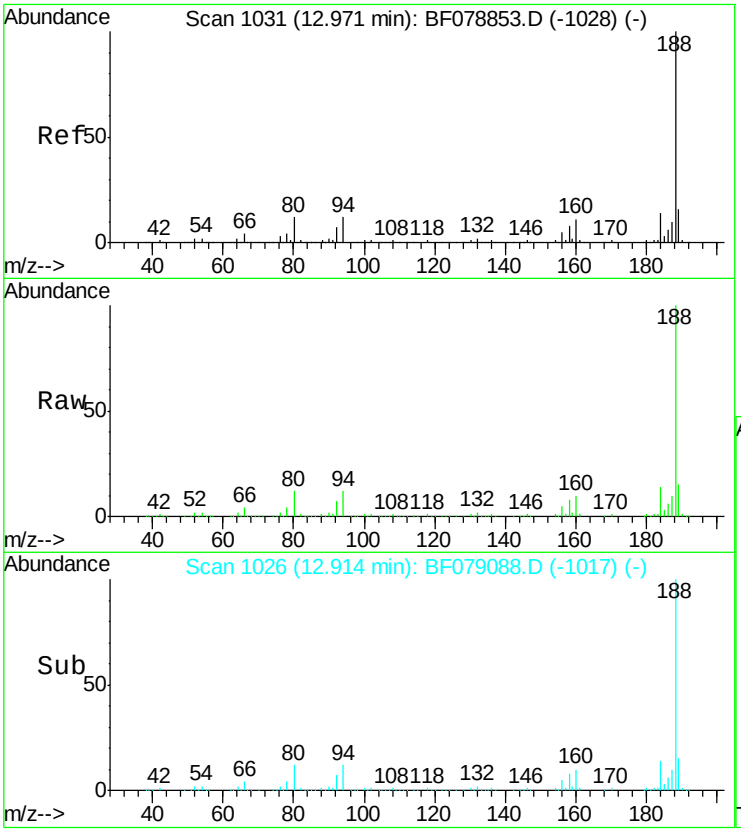


#49
Dimethylphthalate
Concen: 3.18 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Tgt Ion:163 Resp: 40251

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.4	8.1	12.1



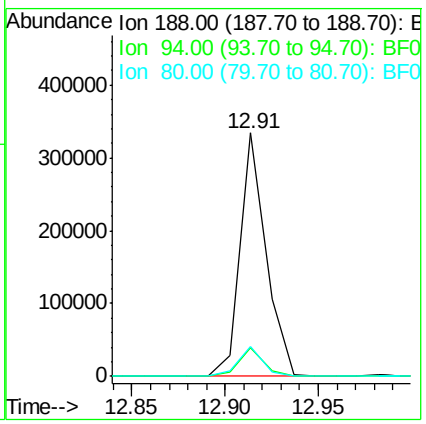


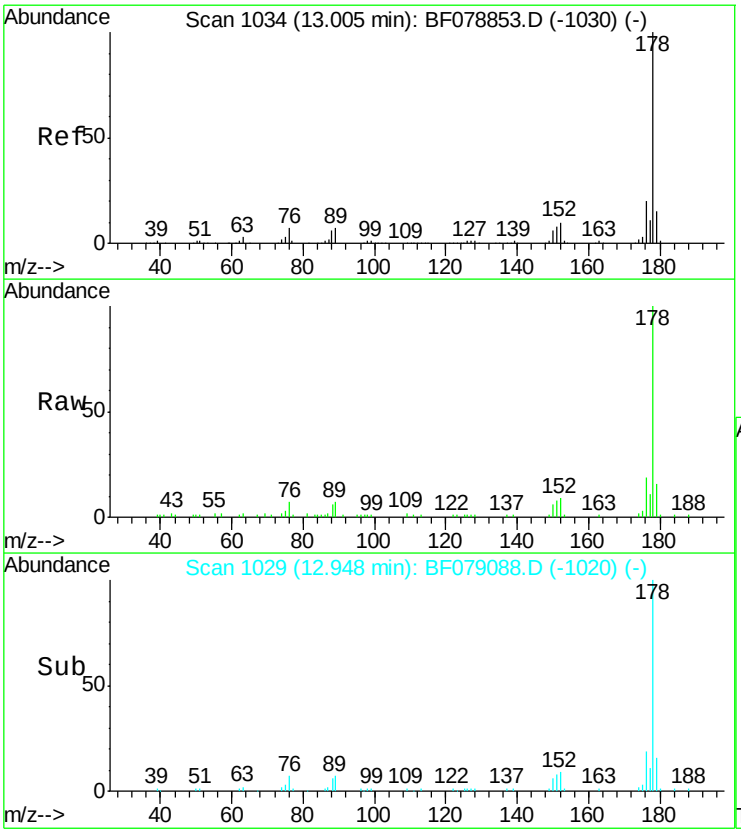
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Instrument :
BNA_F
ClientSampleId :
2

Tgt Ion:188 Resp: 323723

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.2	12.2
80	12.3	8.9	13.3

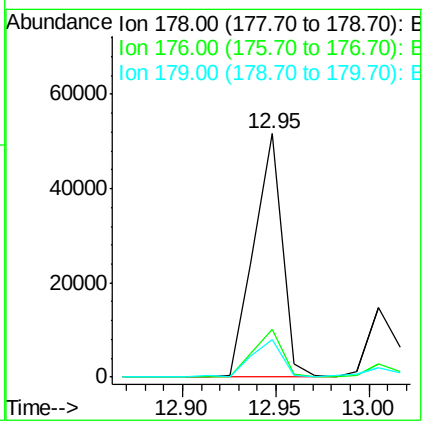


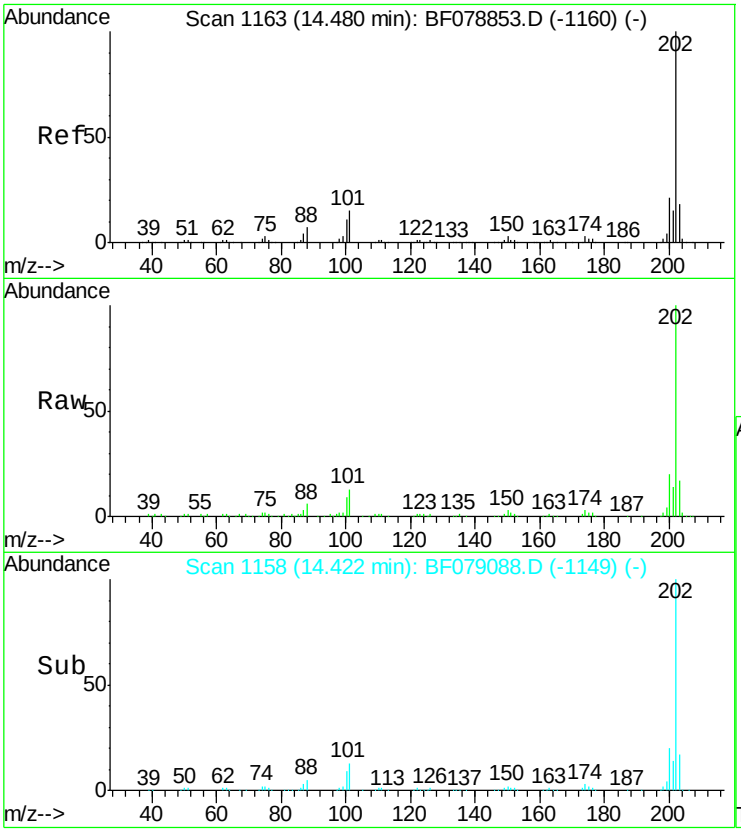


#70
Phenanthrene
Concen: 3.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Tgt Ion:178 Resp: 54364

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.6	12.5	18.7



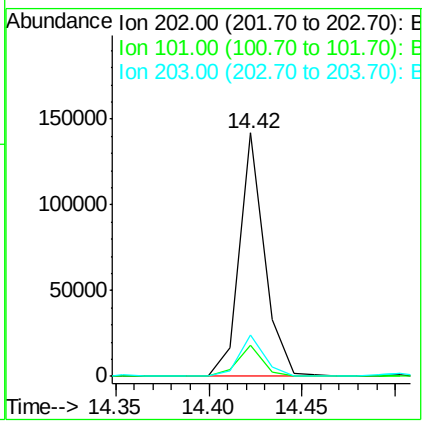


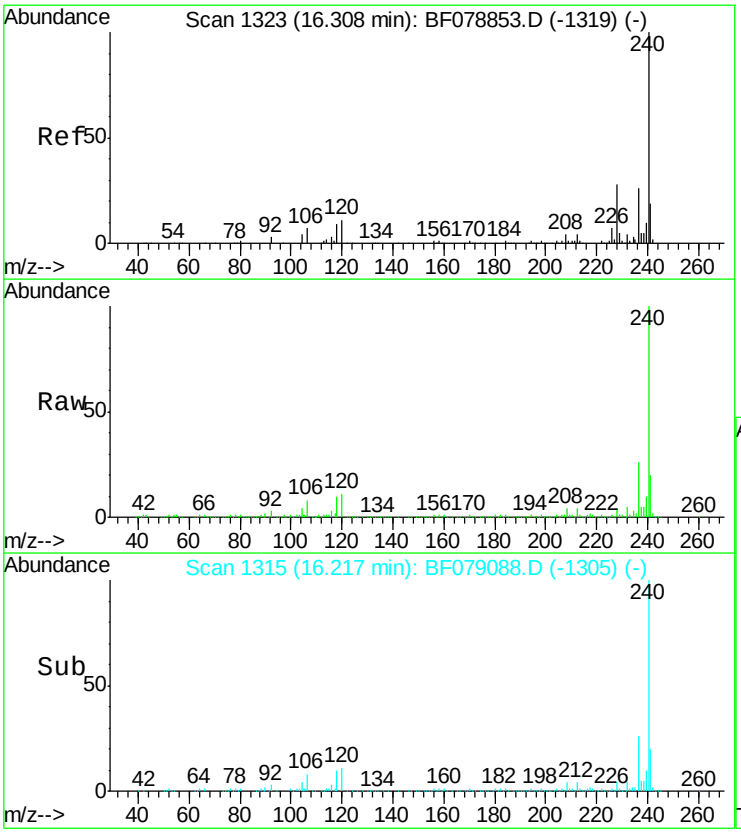
#74
Fluoranthene
Concen: 7.07 ng
RT: 14.42 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Instrument :
BNA_F
ClientSampleId :
2

Tgt Ion:202 Resp: 133421

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.6
203	17.2	0.0	38.4

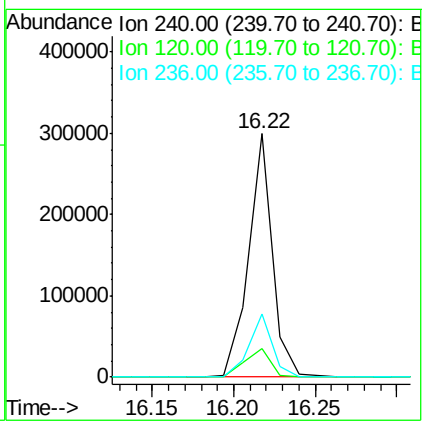


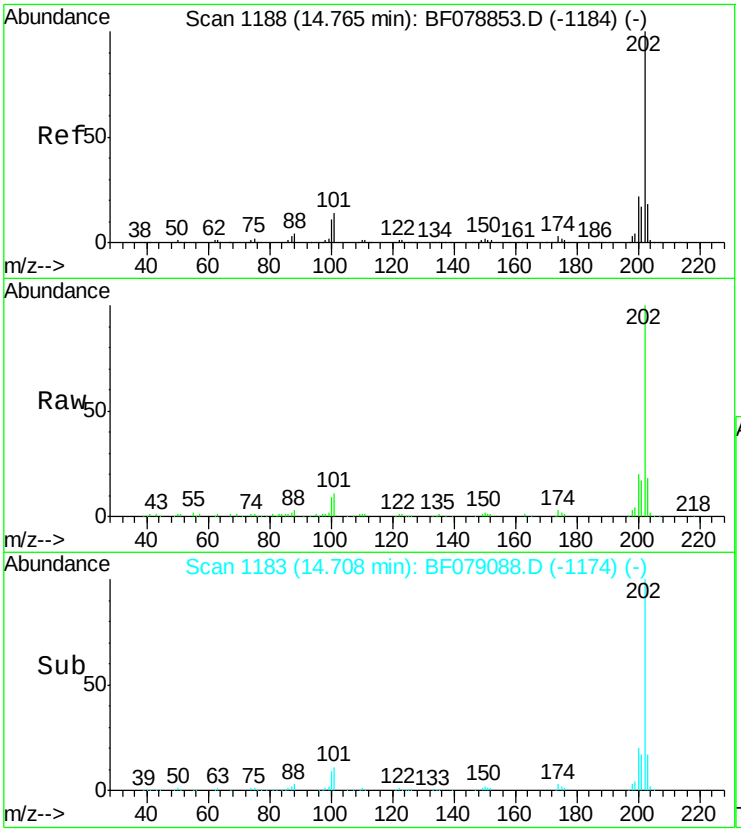


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Tgt Ion:240 Resp: 302402

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.7	14.5
236	26.1	20.2	30.4



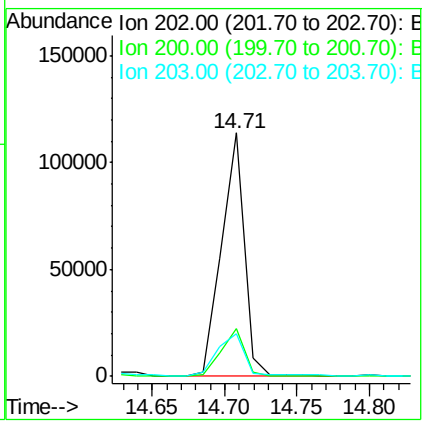


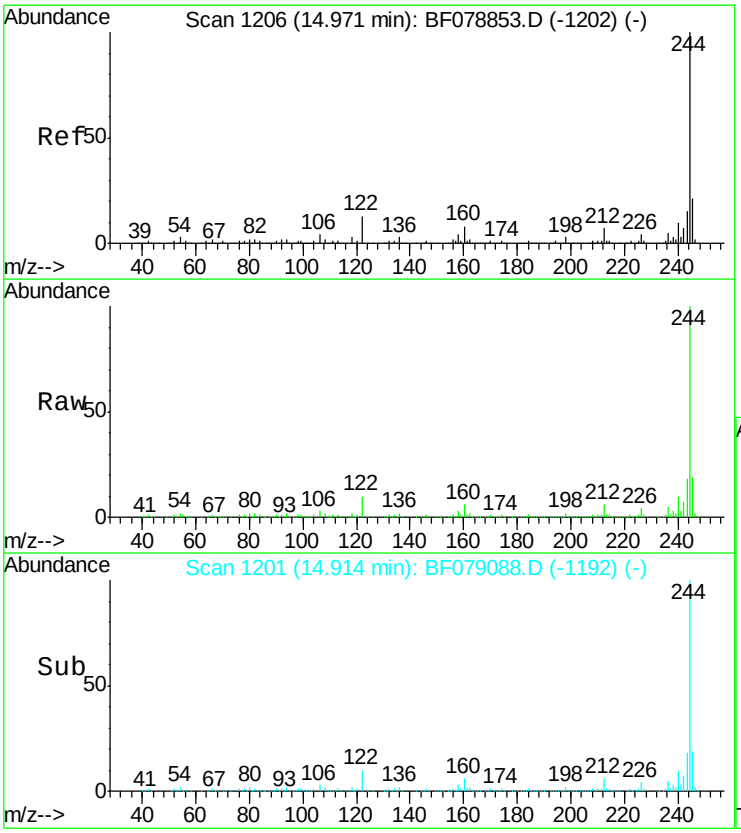
#77
Pyrene
Concen: 7.18 ng
RT: 14.71 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Instrument :
BNA_F
ClientSampleId :
2

Tgt Ion:202 Resp: 125180

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.5	26.3
203	17.5	13.9	20.9

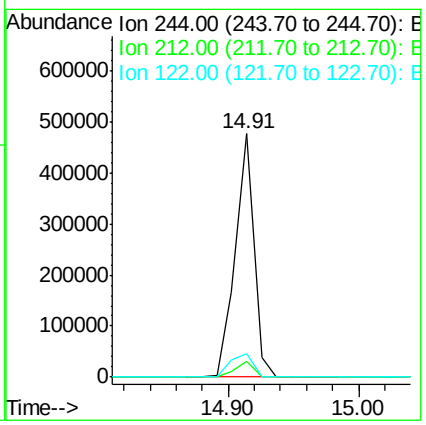


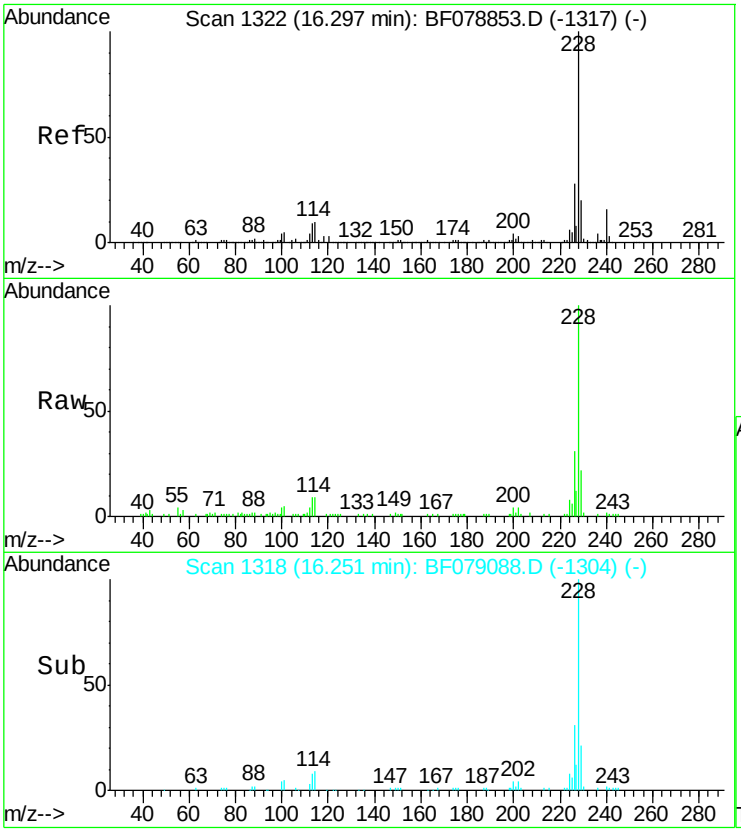


#78
Terphenyl-d14
Concen: 37.25 ng
RT: 14.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Tgt Ion:244 Resp: 470545

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	9.7	10.3	15.5#



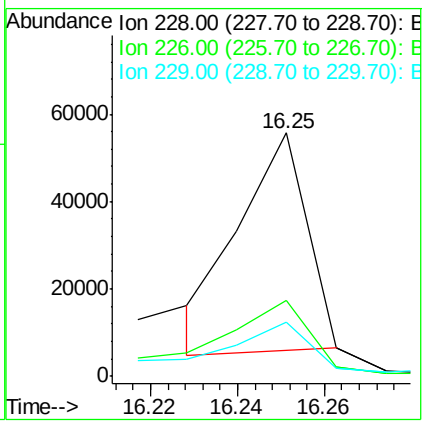


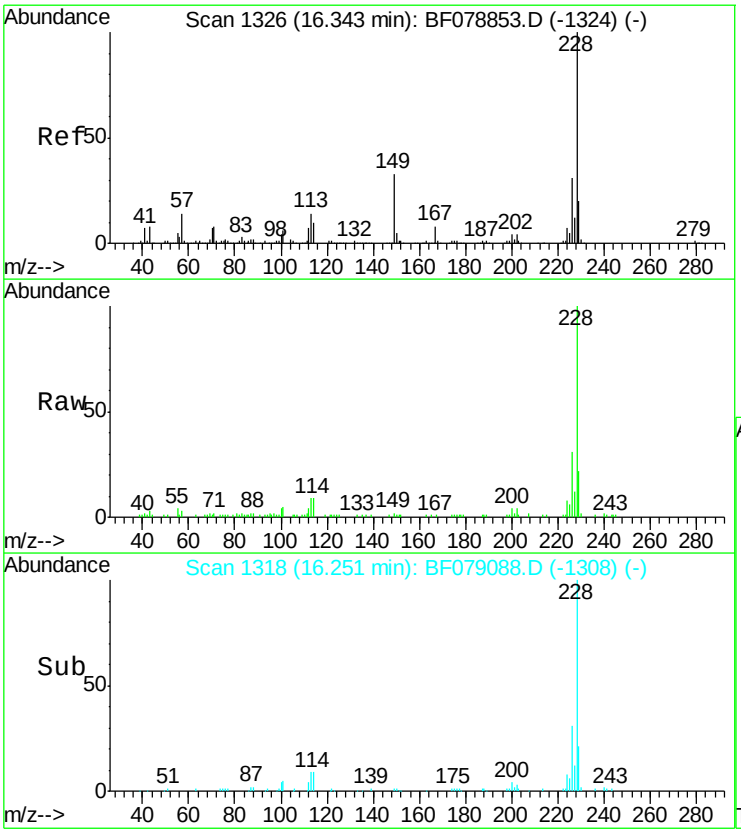
#80
Benzo(a)anthracene
Concen: 3.25 ng
RT: 16.25 min Scan# 1318
Delta R.T. 0.06 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Instrument :
BNA_F
ClientSampleId :
2

Tgt Ion:228 Resp: 53883

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	22.1	15.9	23.9

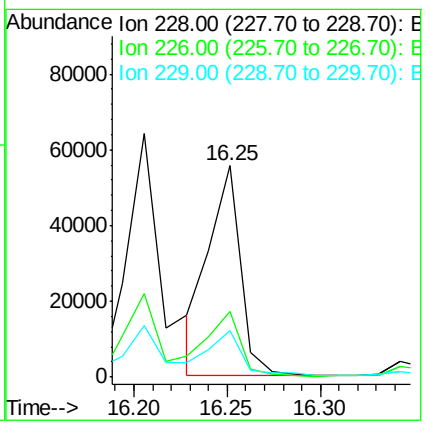


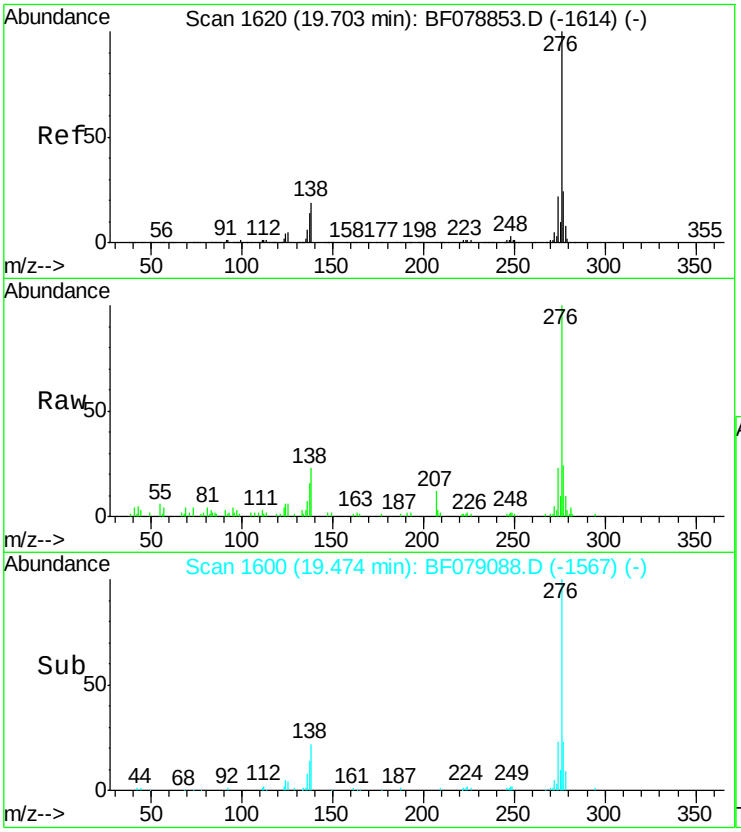


#82
Chrysene
Concen: 4.13 ng
RT: 16.25 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Tgt Ion:228 Resp: 65713

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.1	16.0	24.0



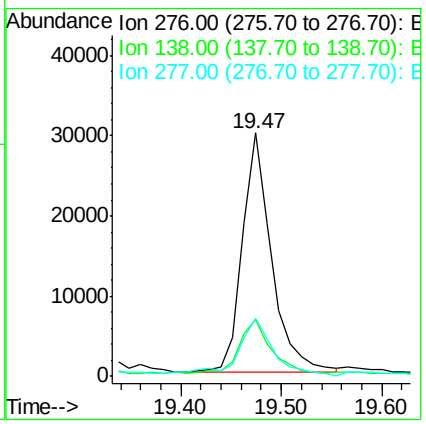


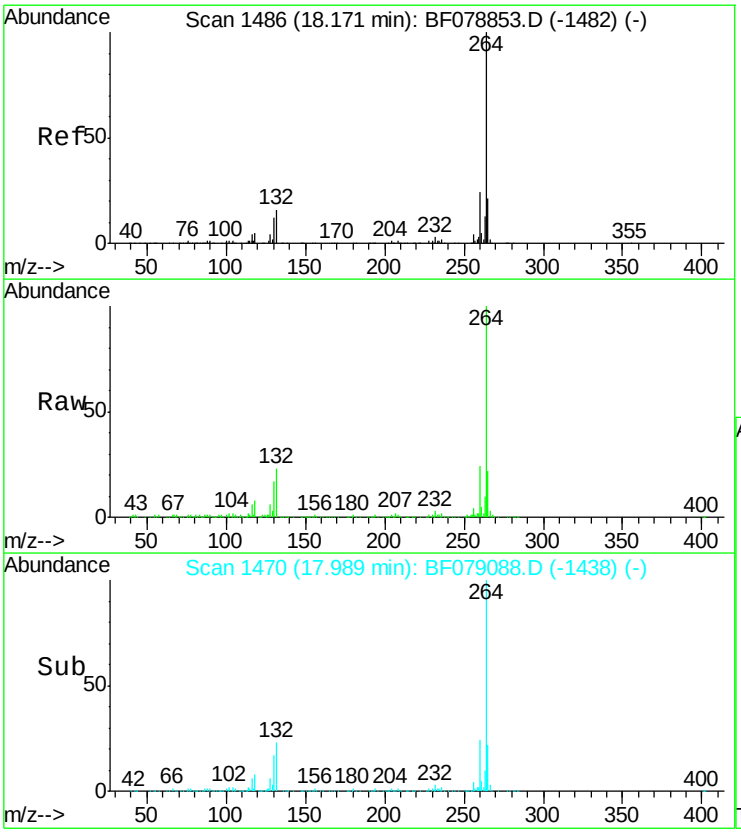
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.97 ng
RT: 19.47 min Scan# 1600
Delta R.T. 0.08 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Instrument :
BNA_F
ClientSampleId :
2

Tgt Ion:276 Resp: 60173

Ion	Ratio	Lower	Upper
276	100		
138	24.5	0.0	0.0#
277	30.7	0.0	0.0#

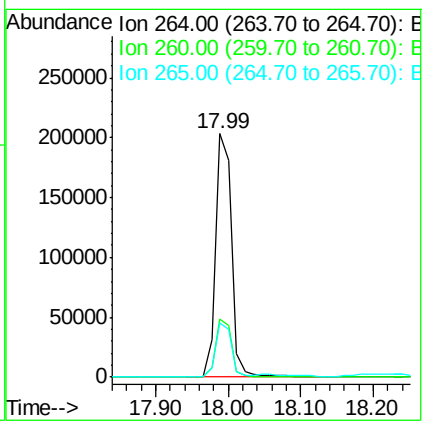


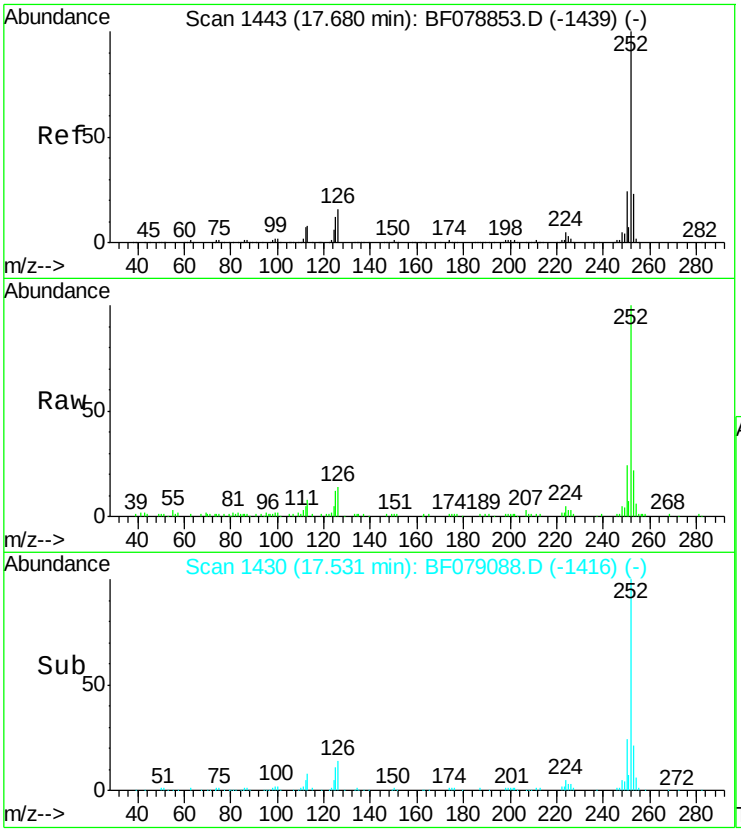


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1470
Delta R.T. 0.07 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Tgt Ion:264 Resp: 309357

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.1	18.3	27.5



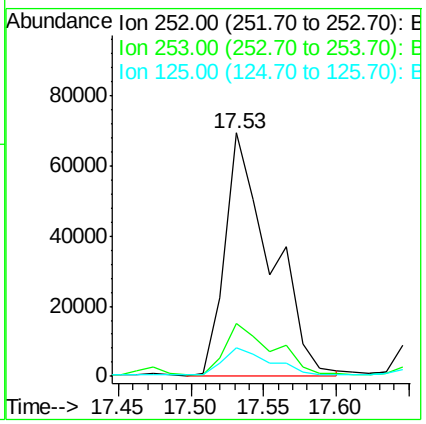


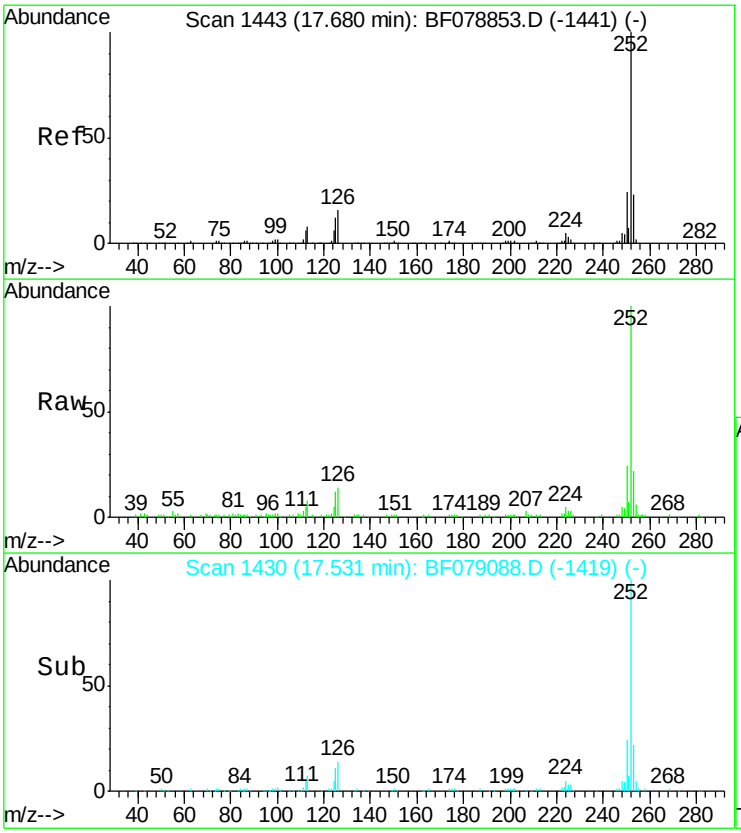
#87
Benzo(b)fluoranthene
Concen: 9.02 ng
RT: 17.53 min Scan# 1430
Delta R.T. 0.06 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Instrument :
BNA_F
ClientSampleId :
2

Tgt Ion:252 Resp: 152680

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	11.8	9.5	14.3

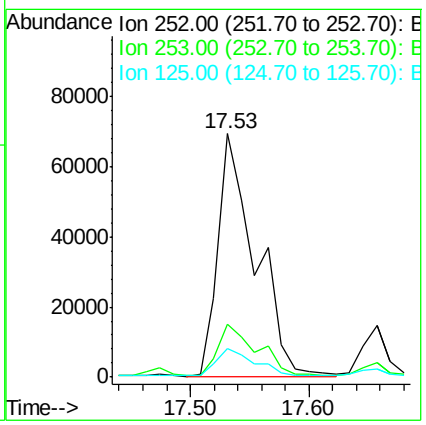


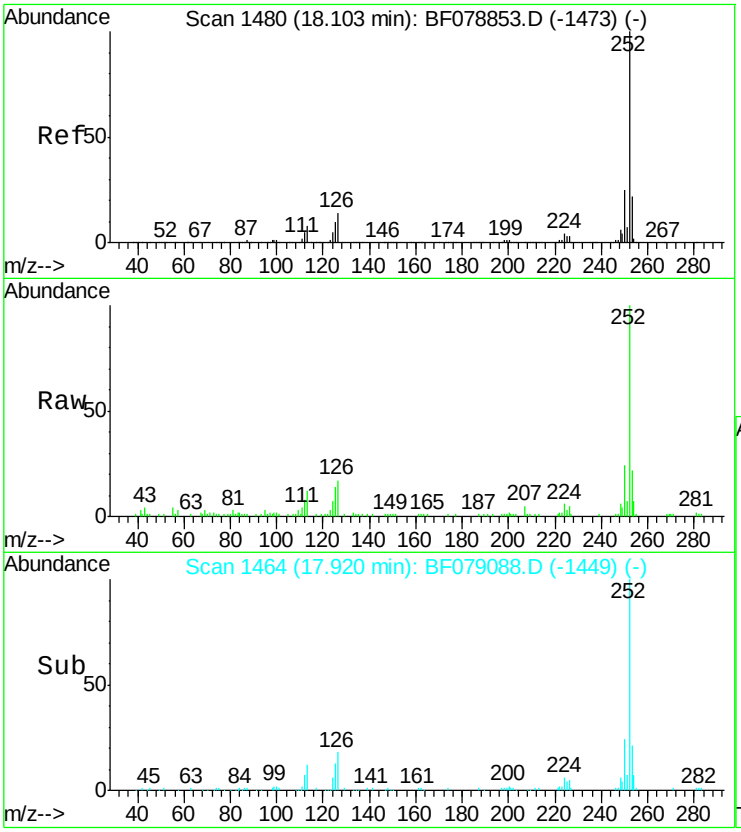


#88
Benzo(k)fluoranthene
Concen: 9.40 ng
RT: 17.53 min Scan# 1430
Delta R.T. 0.02 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Tgt Ion:252 Resp: 154139

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.8	10.0	15.0



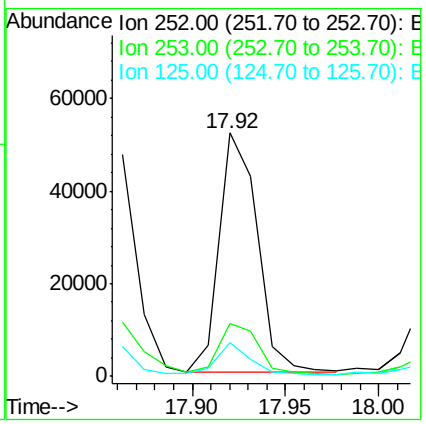


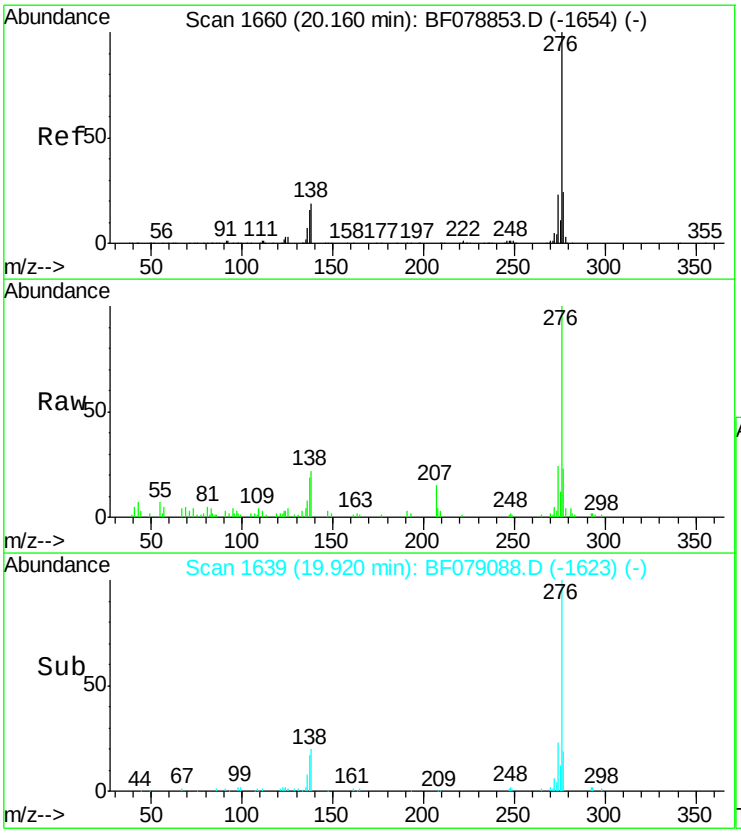
#89
Benzo(a)pyrene
Concen: 4.74 ng
RT: 17.92 min Scan# 1464
Delta R.T. 0.07 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Instrument :
BNA_F
ClientSampleId :
2

Tgt Ion:252 Resp: 73866

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	13.7	7.0	10.6#





#91
Benzo(g,h,i)perylene
Concen: 3.42 ng
RT: 19.92 min Scan# 1639
Delta R.T. 0.08 min
Lab File: BF079088.D
Acq: 9 May 2015 19:00

Tgt Ion:276 Resp: 56796

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	21.6	17.4	26.0