Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
Data File : BF079102.D
Acq On : 10 May 2015 1:39
Operator : TP/IZ
Sample : G2155-03 5X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-47AS

Quant Time: May 11 02:11:24 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	7.32	152	67802	20.00	ng		0.00
21) Naphthalene-d8	8.89	136	276235	20.00	ng		0.00
38) Acenaphthene-d10	11.07	164	133629	20.00	ng		0.00
63) Phenanthrene-d10	12.91	188	231713	20.00	ng		0.00
75) Chrysene-d12	16.22	240	243847	20.00	ng		0.01
86) Perylene-d12	17.95	264	251957	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	101601	25.79	ng		0.00
7) Phenol-d6	6.88	99	140022	26.89	ng		0.00
23) Nitrobenzene-d5	8.01	82	75610	15.73	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	31714	21.94	ng		0.00
44) 2-Fluorobiphenyl	10.24	172	159403	16.62	ng		0.00
78) Terphenyl-d14	14.91	244	166014	16.30	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	8.55	122	567	6.51	ng		88
51) Acenaphthene	11.11	154	19642	2.42	ng		98
57) Fluorene	11.76	166	21126	2.20	ng		99
70) Phenanthrene	12.95	178	322958	24.91	ng		100
71) Anthracene	13.02	178	69187	5.44	ng		98
74) Fluoranthene	14.43	202	400072	29.62	ng		91
77) Pyrene	14.71	202	379064	26.98	ng		98
80) Benzo(a)anthracene	16.21	228	191586	14.35	ng		100
82) Chrysene	16.25	228	137702	10.72	ng		97
85) Indeno(1,2,3-cd)pyrene	19.44	276	95284	5.82	ng	#	100
87) Benzo(b)fluoranthene	17.51	252	257837	18.70	ng		99
88) Benzo(k)fluoranthene	17.51	252	261800	19.61	ng		98
89) Benzo(a)pyrene	17.89	252	145610	11.47	ng	#	94
91) Benzo(g,h,i)perylene	19.87	276	92935	6.87	ng		96

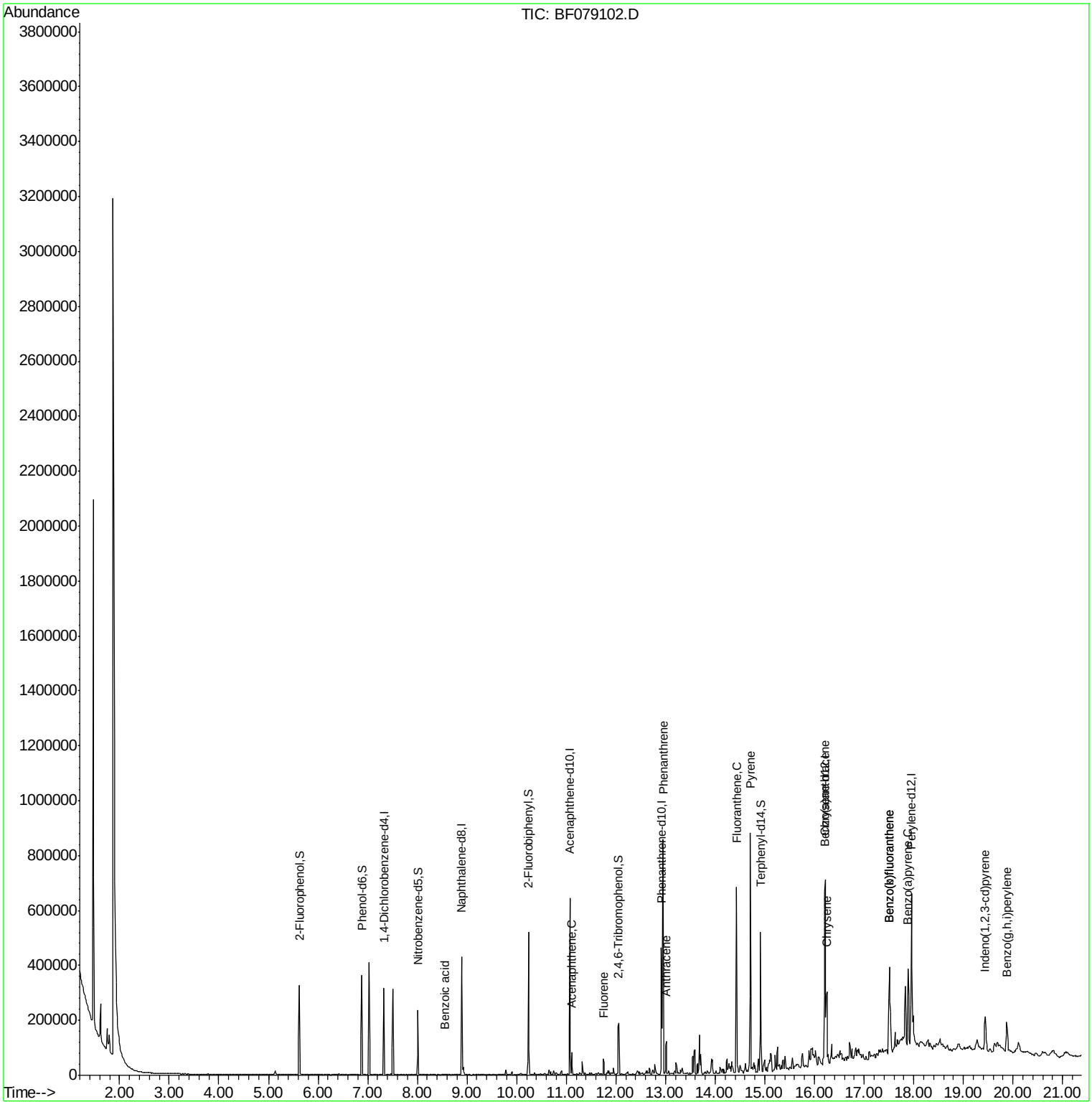
(#) = qualifier out of range (m) = manual integration (+) = signals summed

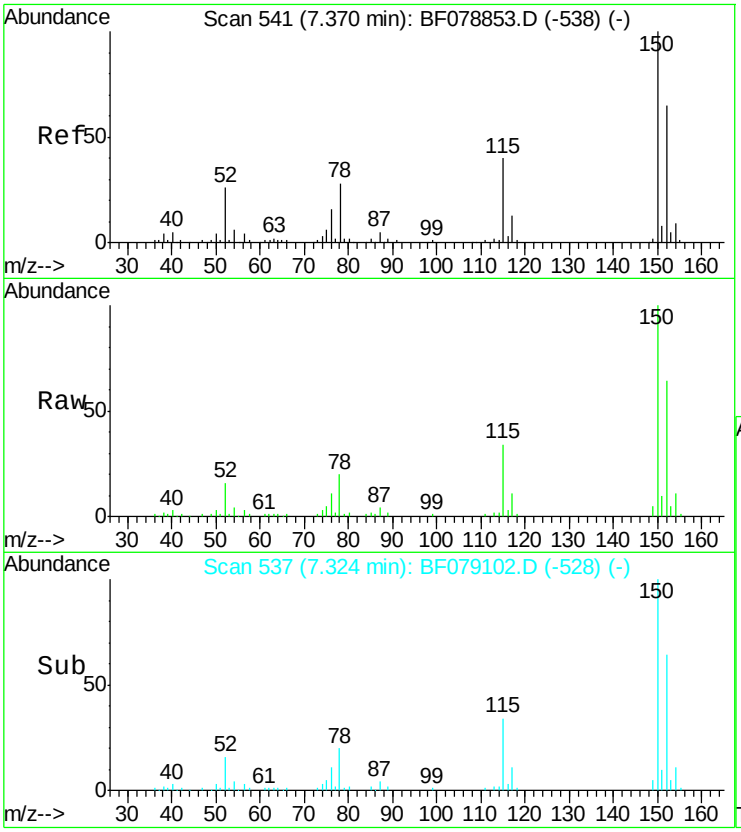
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
Data File : BF079102.D
Acq On : 10 May 2015 1:39
Operator : TP/IZ
Sample : G2155-03 5X
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Quant Time: May 11 02:11:24 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



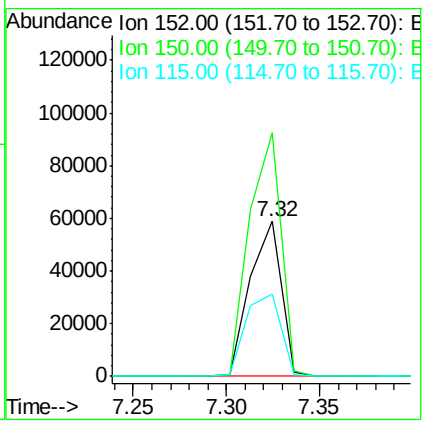


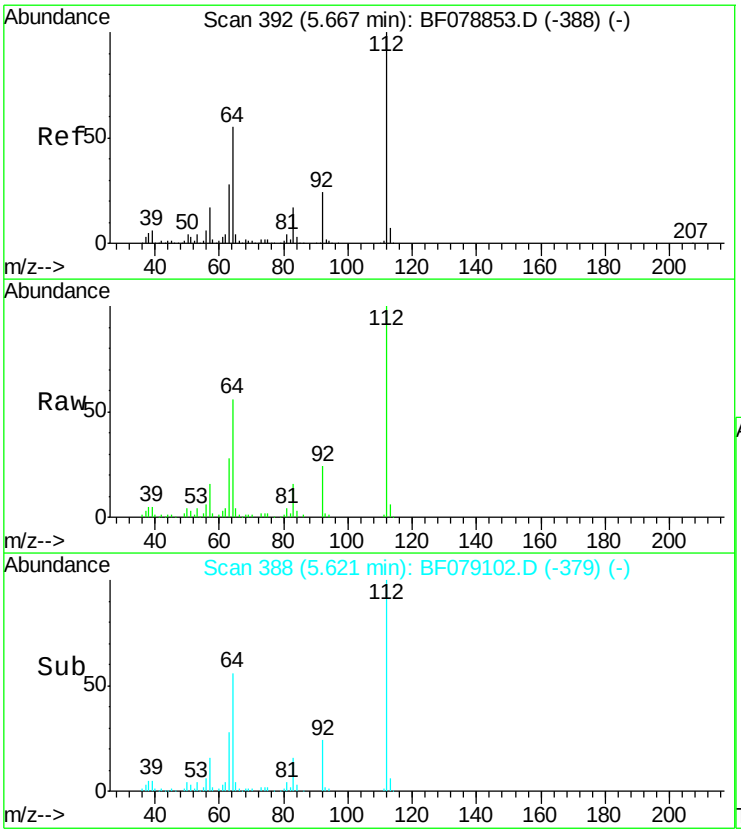
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion:152 Resp: 67802

Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.0	183.0
115	52.9	46.3	69.5

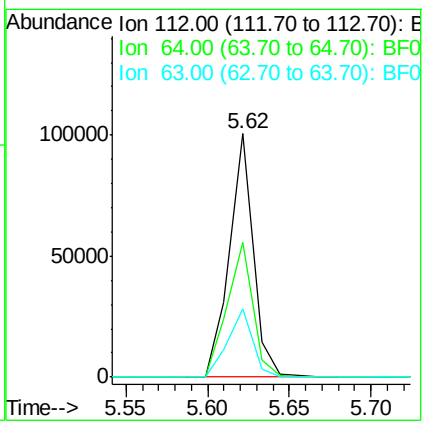


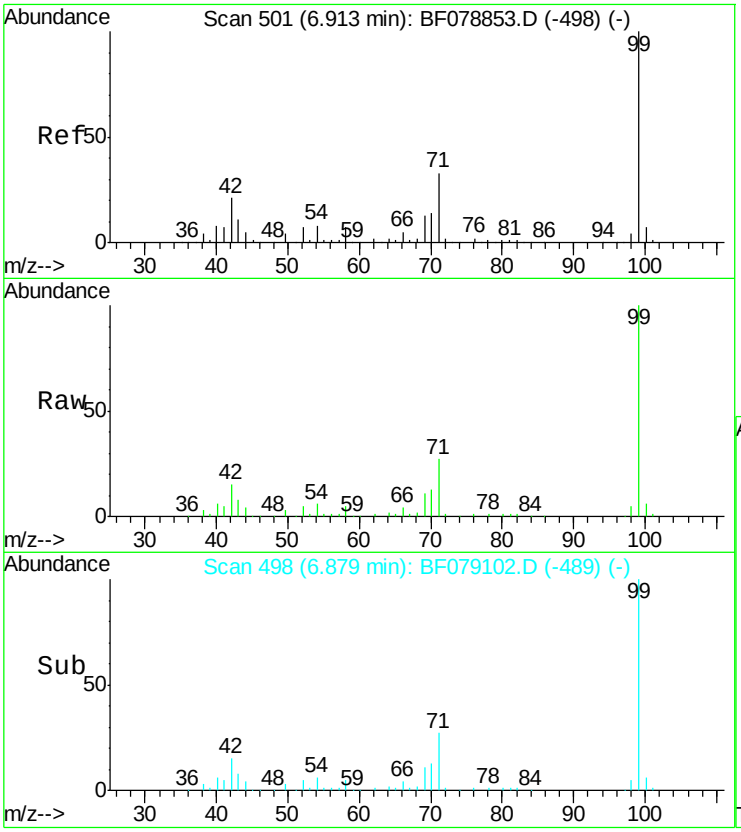


#5
2-Fluorophenol
Concen: 25.79 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:112 Resp: 101601

Ion	Ratio	Lower	Upper
112	100		
64	55.6	53.5	80.3
63	27.8	27.5	41.3



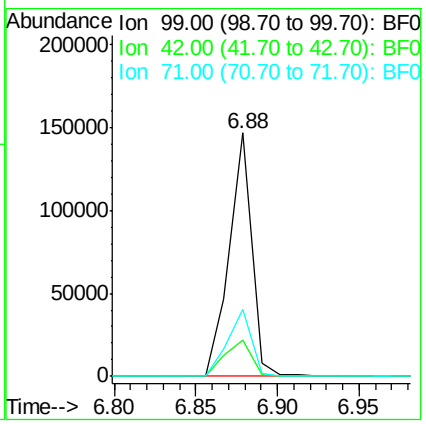


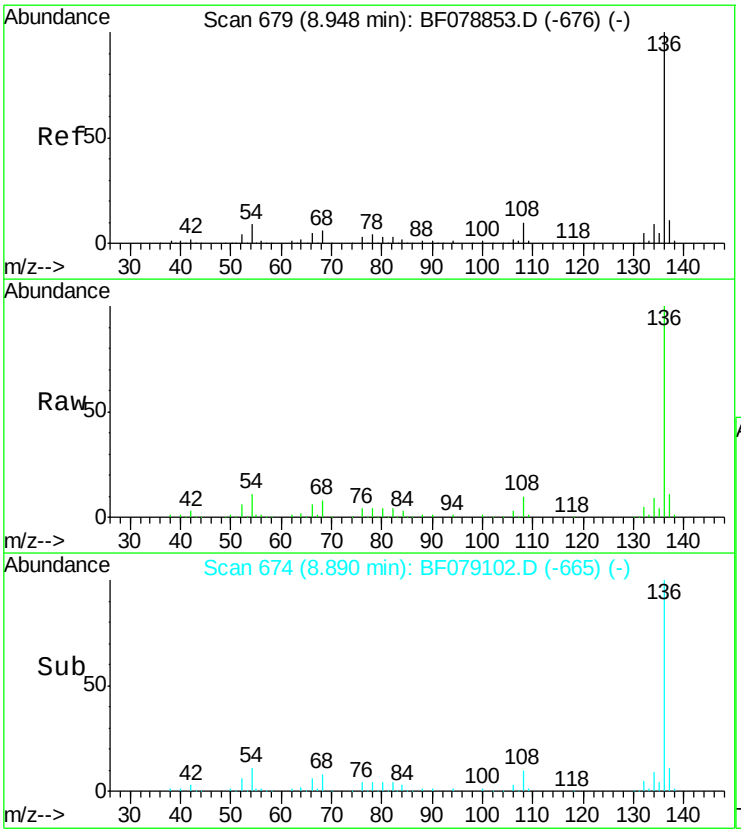
#7
Phenol-d6
Concen: 26.89 ng
RT: 6.88 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion: 99 Resp: 140022

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.8	19.2
71	27.5	23.4	35.2

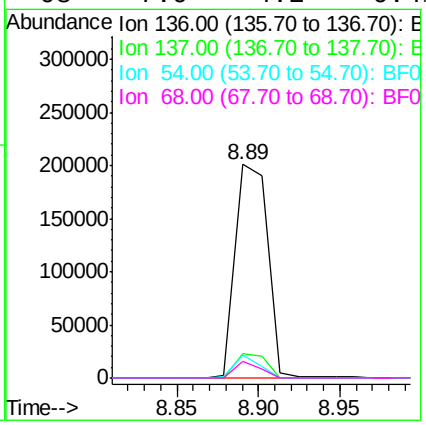


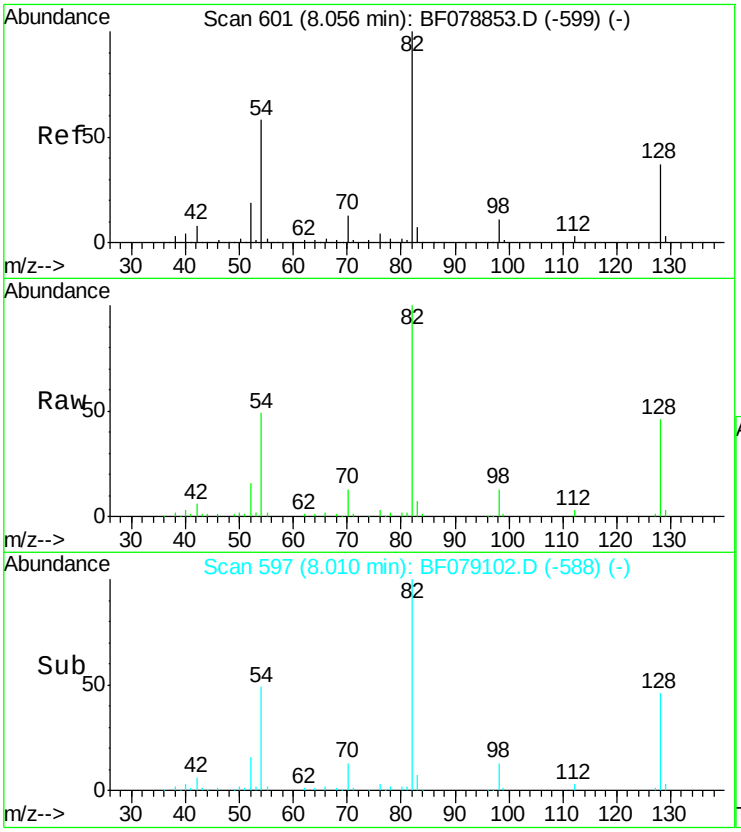


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.89 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:136 Resp: 276235

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.6	5.8	8.8#
68	7.9	4.2	6.4#



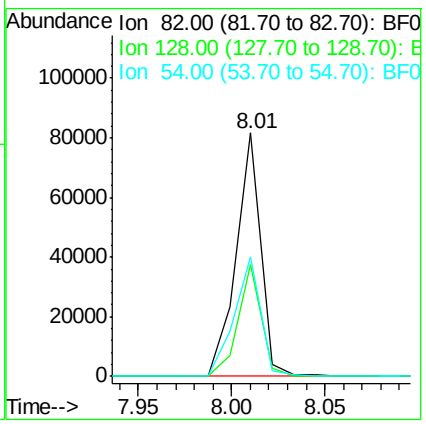


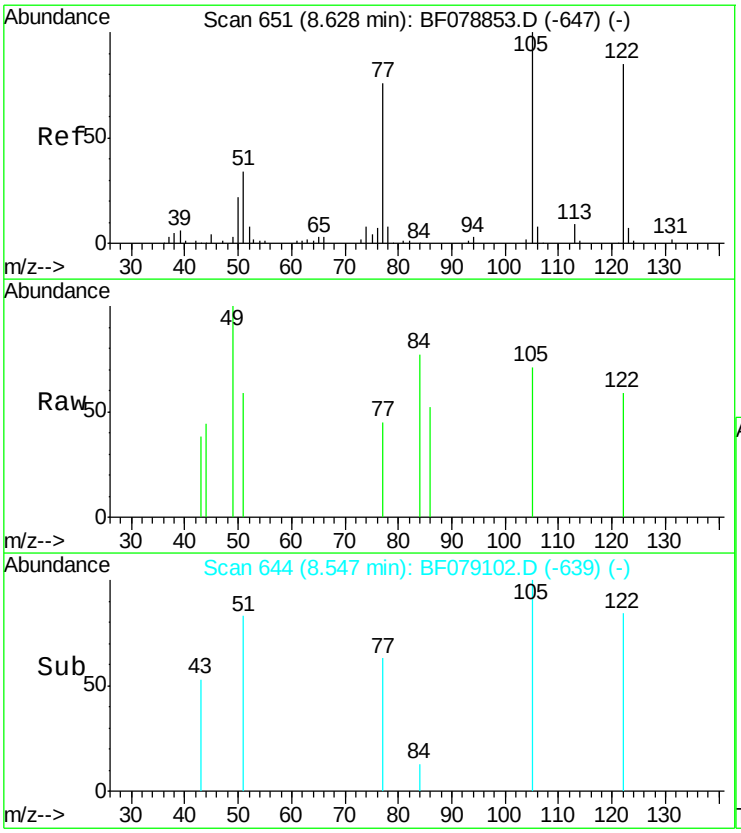
#23
Nitrobenzene-d5
Concen: 15.73 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion: 82 Resp: 75610

Ion	Ratio	Lower	Upper
82	100		
128	45.8	30.0	45.0#
54	49.1	46.4	69.6

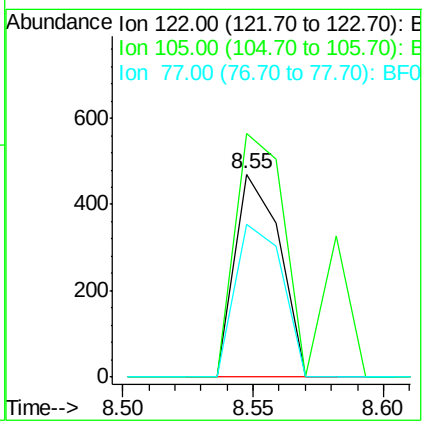


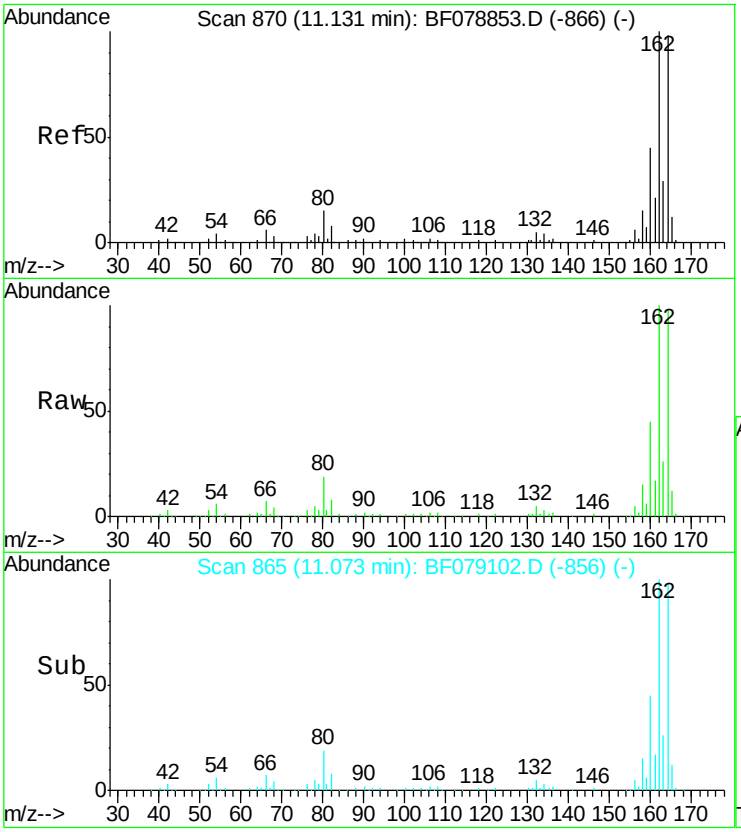


#32
Benzoic acid
Concen: 6.51 ng
RT: 8.55 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:122 Resp: 567

Ion	Ratio	Lower	Upper
122	100		
105	119.7	107.1	147.1
77	75.4	73.9	113.9



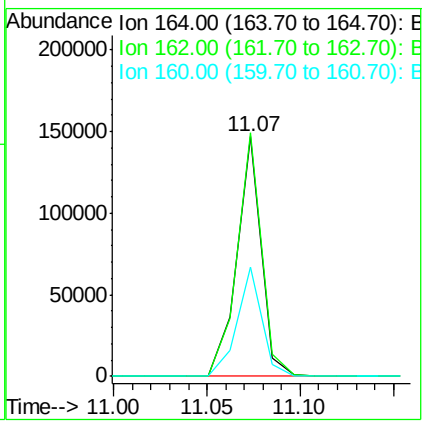


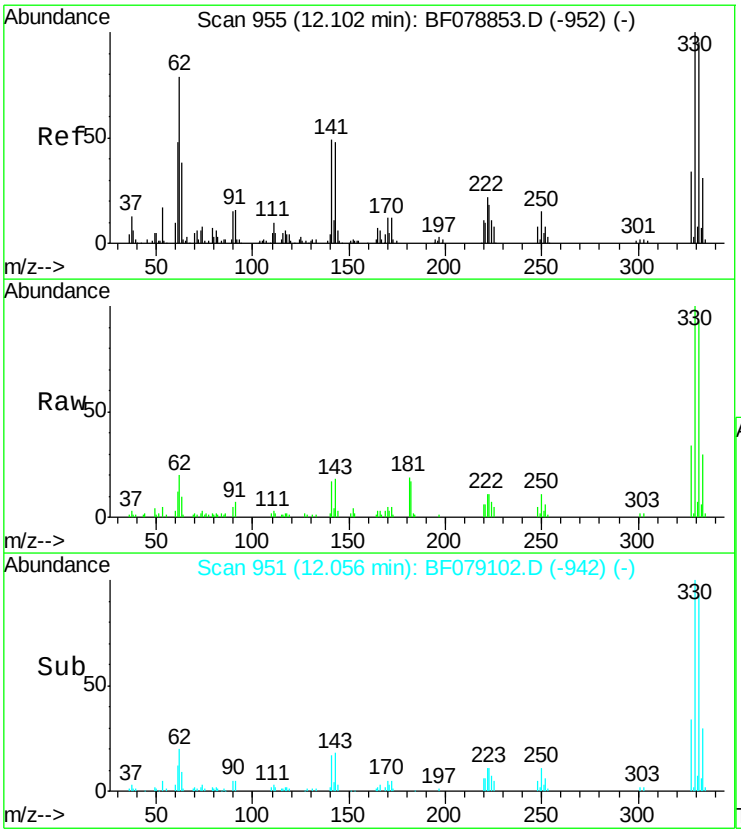
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion:164 Resp: 133629

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.7	124.1
160	45.7	35.8	53.8

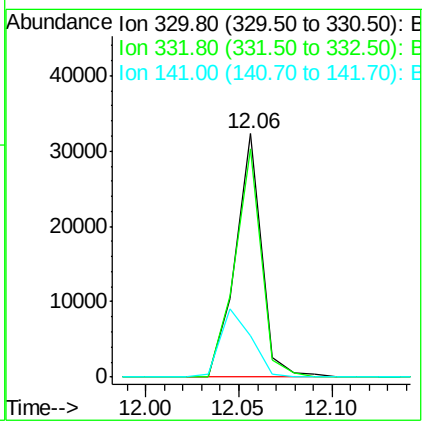


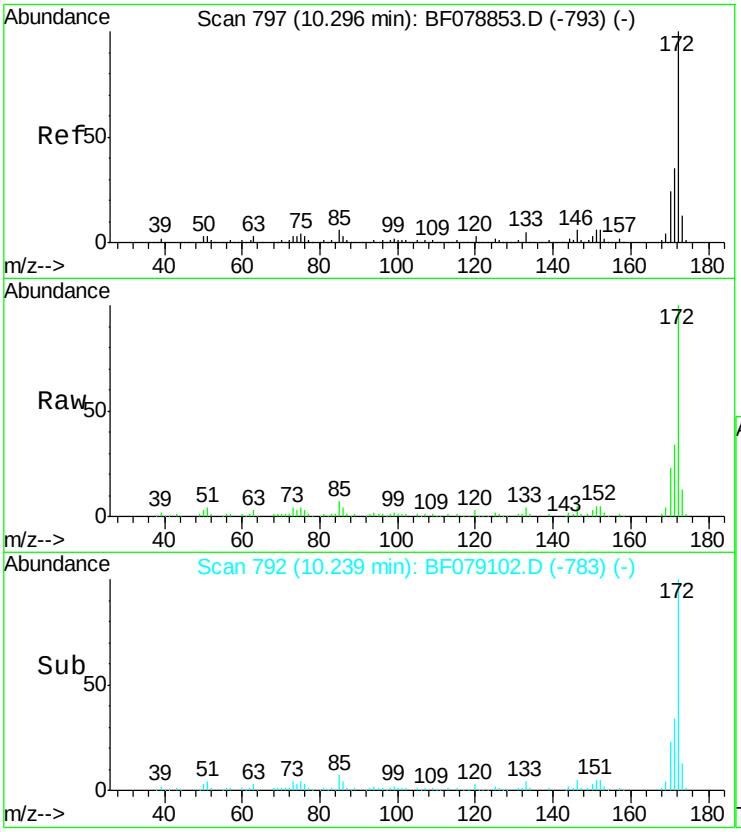


#41
2,4,6-Tribromophenol
Concen: 21.94 ng
RT: 12.06 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:330 Resp: 31714

Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	33.1	0.0	0.0#



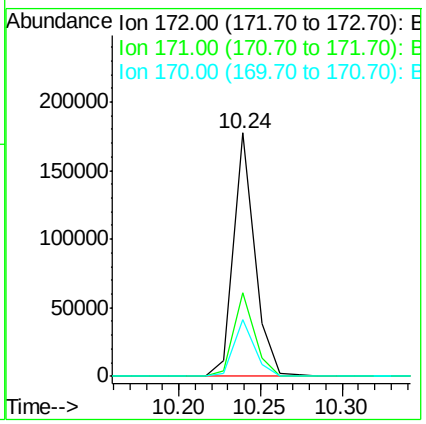


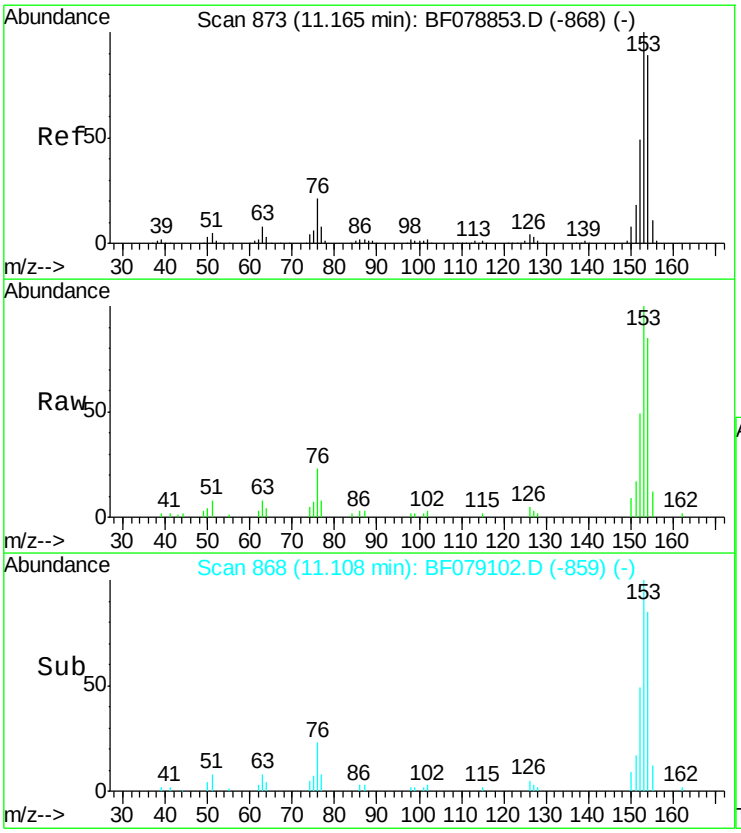
#44
2-Fluorobiphenyl
Concen: 16.62 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion:172 Resp: 159403

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	23.5	19.4	29.0

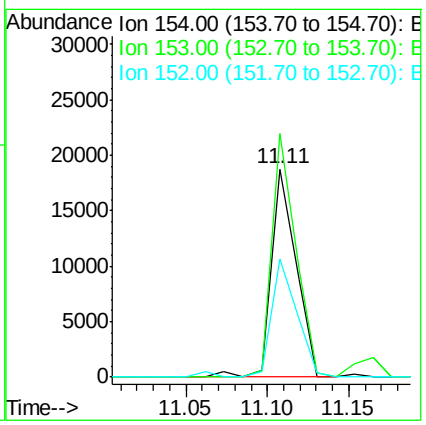


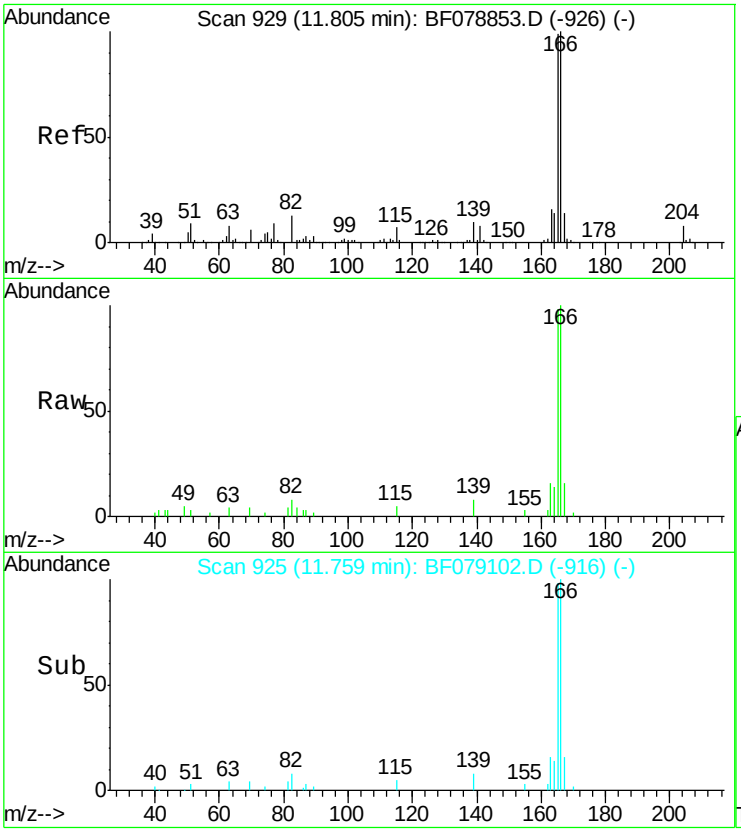


#51
Acenaphthene
Concen: 2.42 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:154 Resp: 19642

Ion	Ratio	Lower	Upper
154	100		
153	117.1	91.5	137.3
152	56.8	44.2	66.4



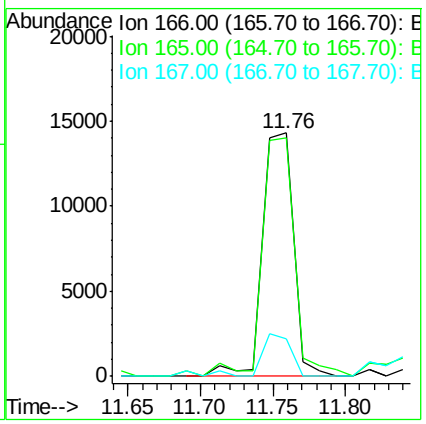


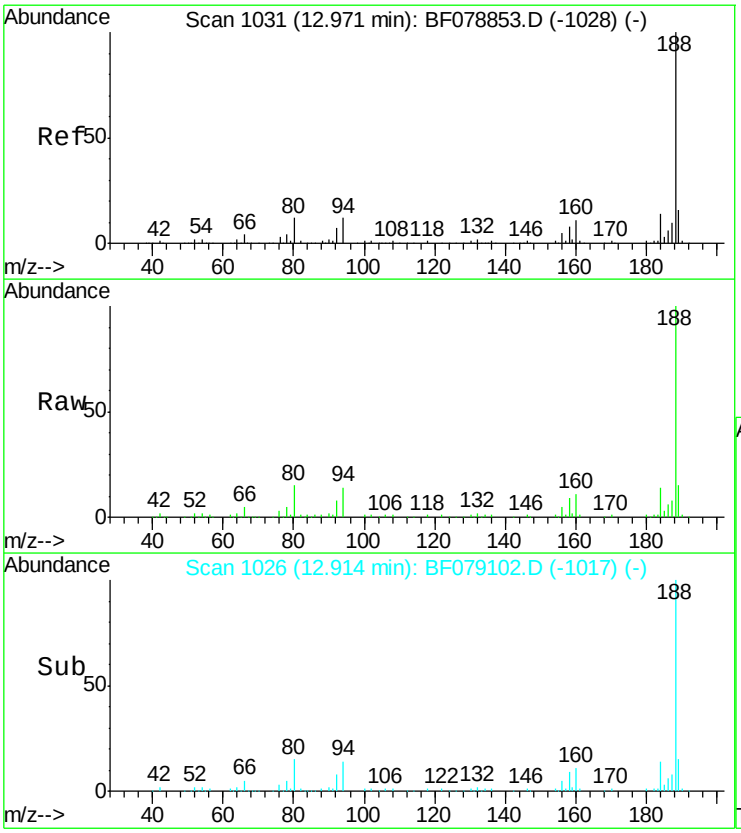
#57
Fluorene
Concen: 2.20 ng
RT: 11.76 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion:166 Resp: 21126

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.5	117.7
167	15.6	11.0	16.6

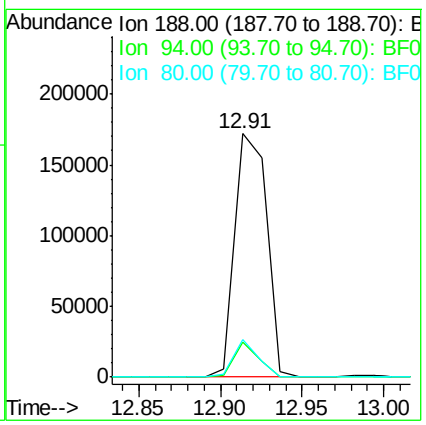


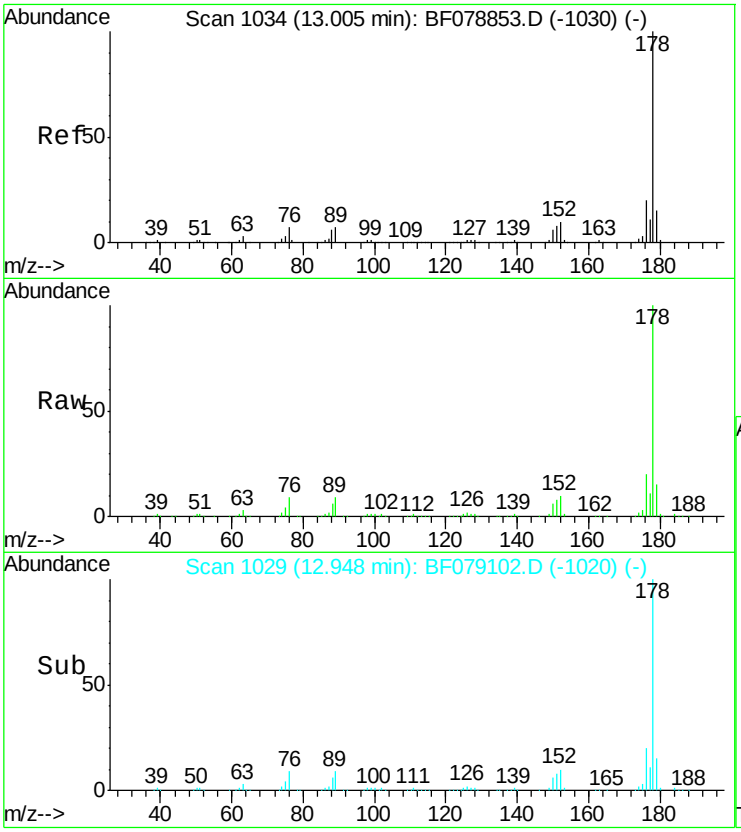


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:188 Resp: 231713

Ion	Ratio	Lower	Upper
188	100		
94	14.2	8.2	12.2#
80	15.5	8.9	13.3#



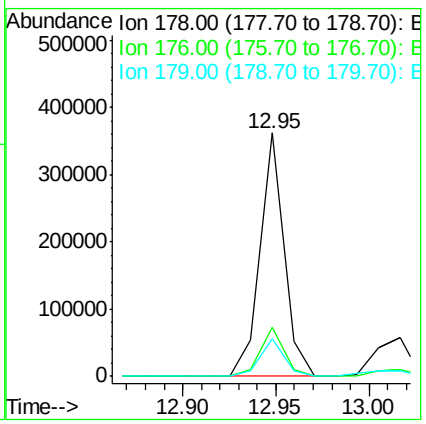


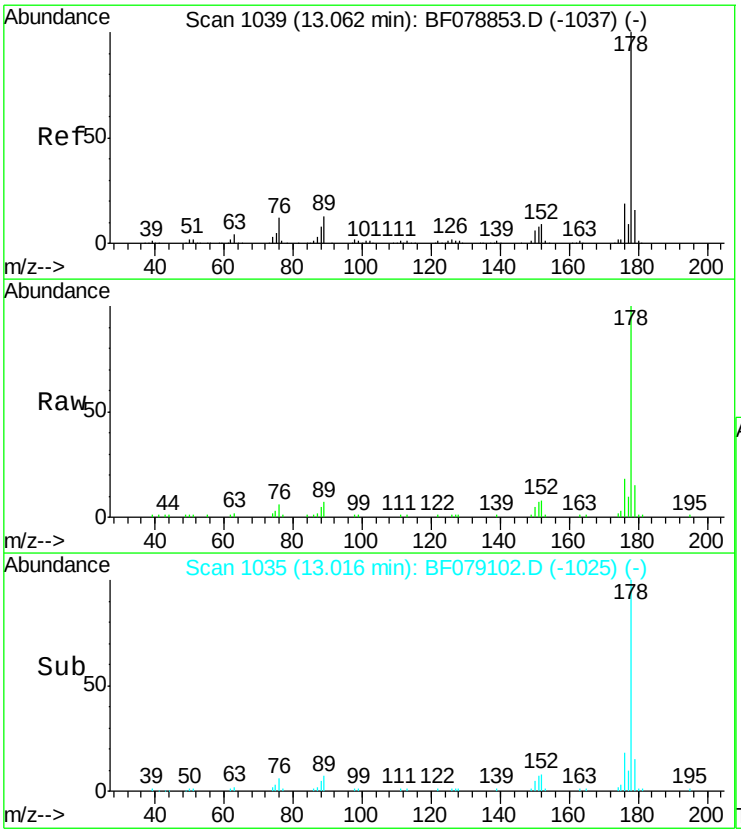
#70
Phenanthrene
Concen: 24.91 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion:178 Resp: 322958

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.3	12.5	18.7

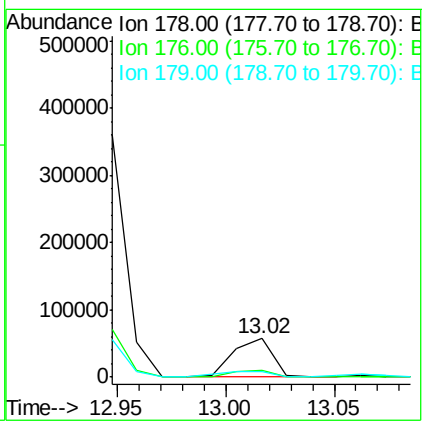


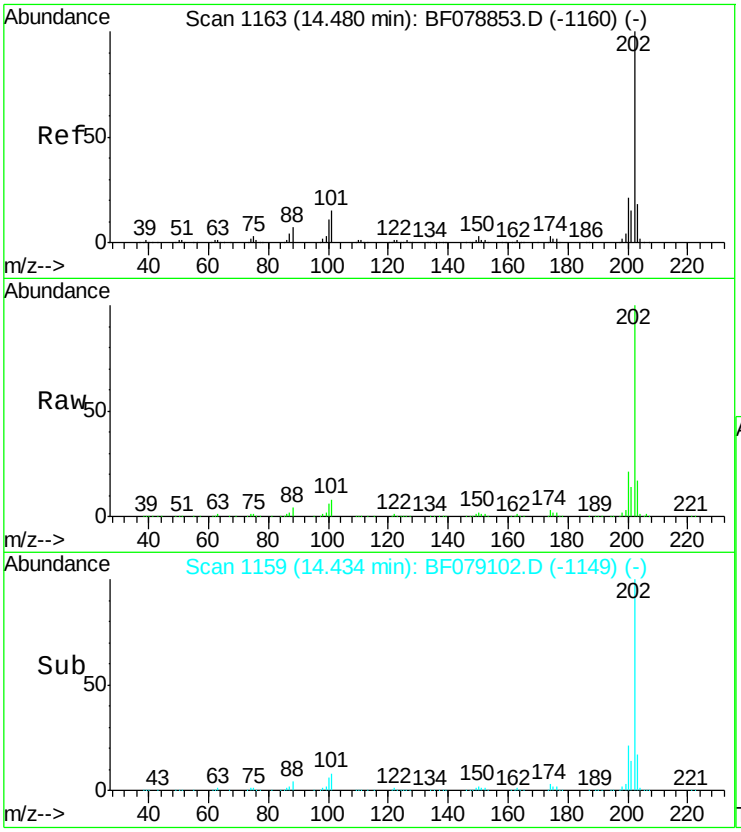


#71
Anthracene
Concen: 5.44 ng
RT: 13.02 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:178 Resp: 69187

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.0	12.7	19.1



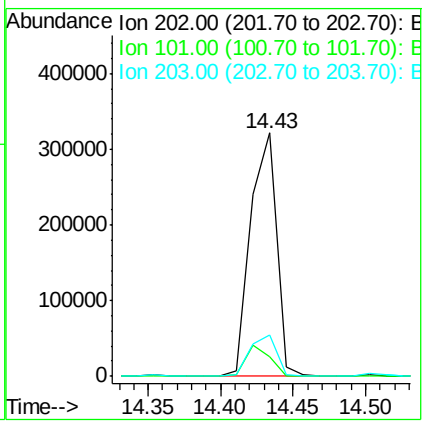


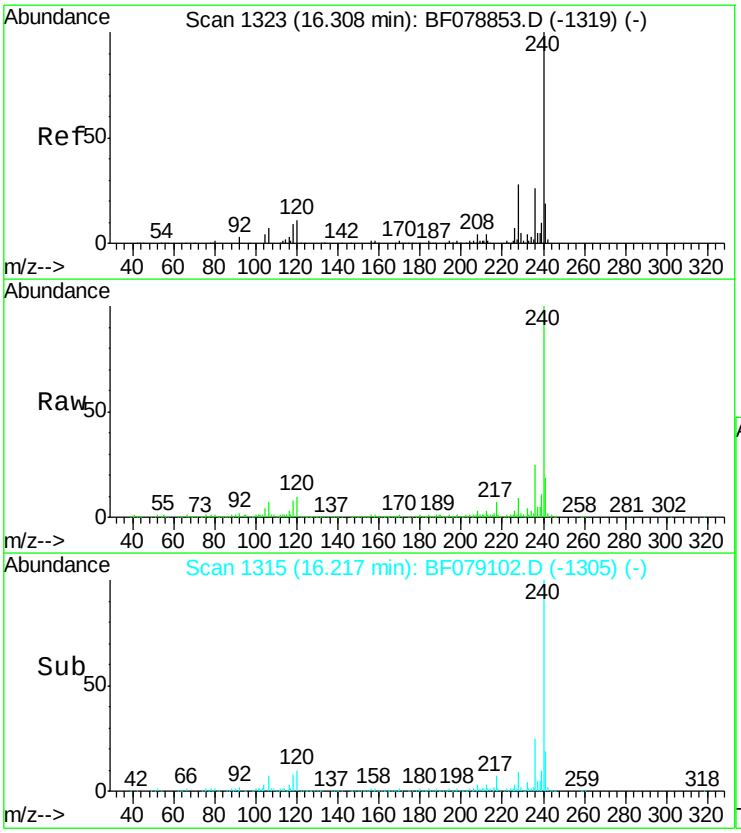
#74
Fluoranthene
Concen: 29.62 ng
RT: 14.43 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion:202 Resp: 400072

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	34.6
203	16.9	0.0	38.4

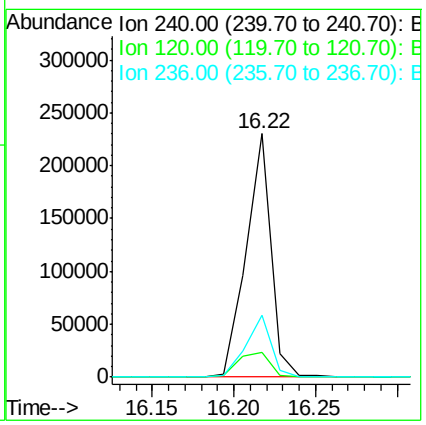


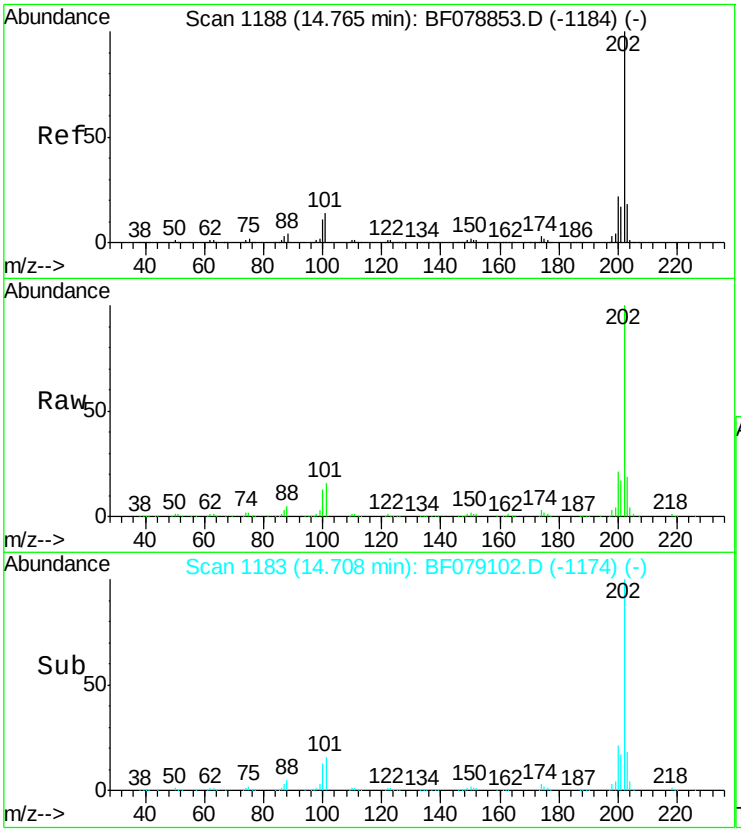


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:240 Resp: 243847

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.7	14.5
236	25.4	20.2	30.4



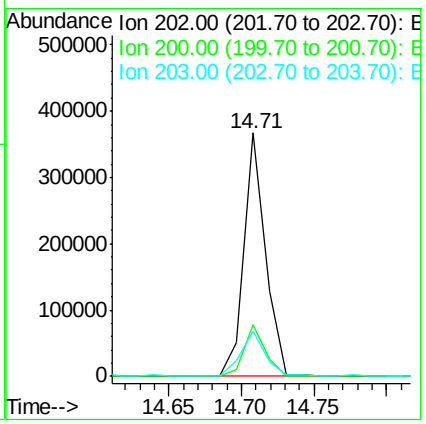


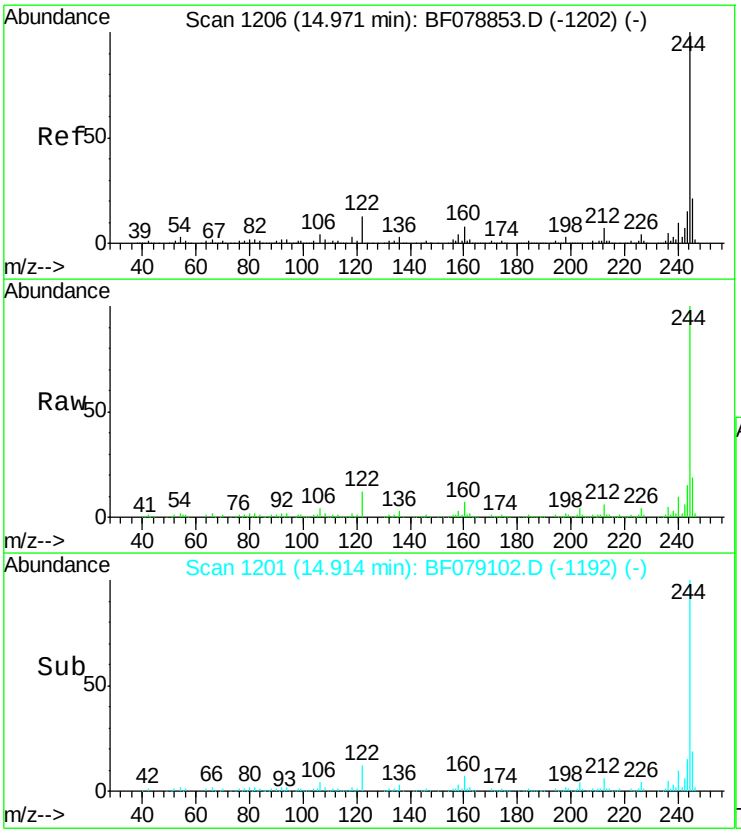
#77
Pyrene
Concen: 26.98 ng
RT: 14.71 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion:202 Resp: 379064

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.5	26.3
203	18.7	13.9	20.9

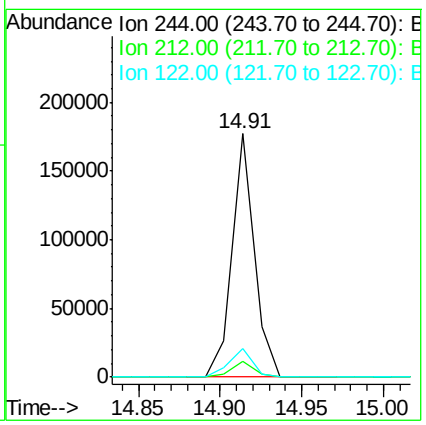


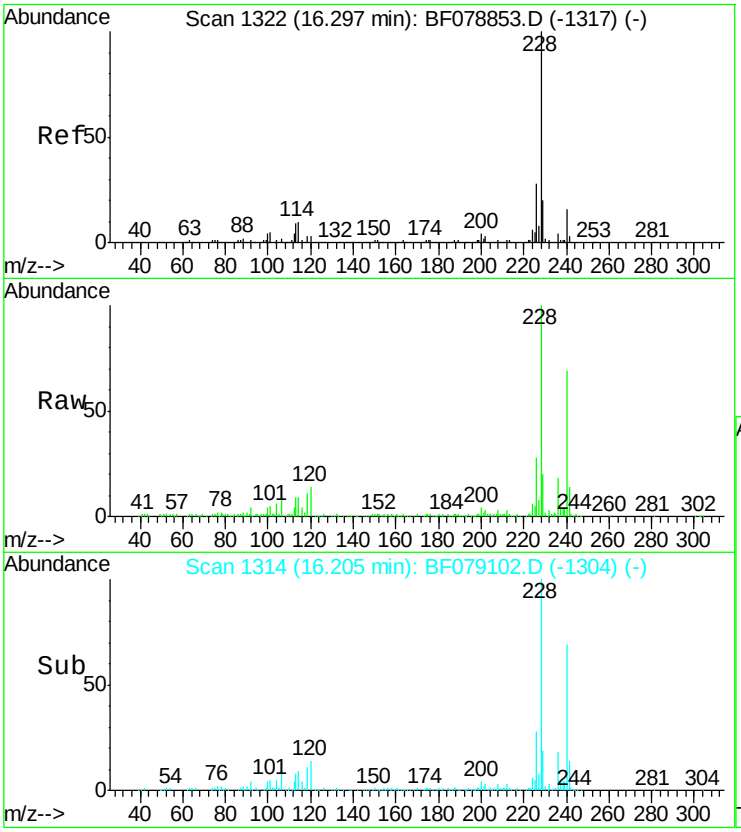


#78
Terphenyl-d14
Concen: 16.30 ng
RT: 14.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:244 Resp: 166014

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	11.6	10.3	15.5



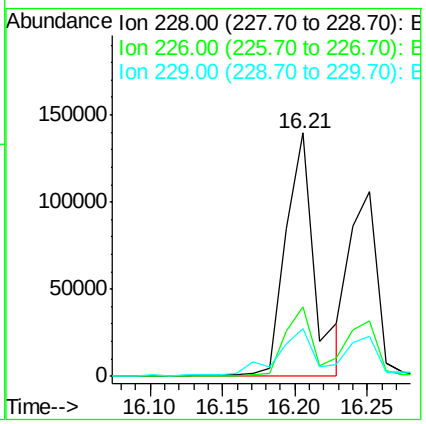


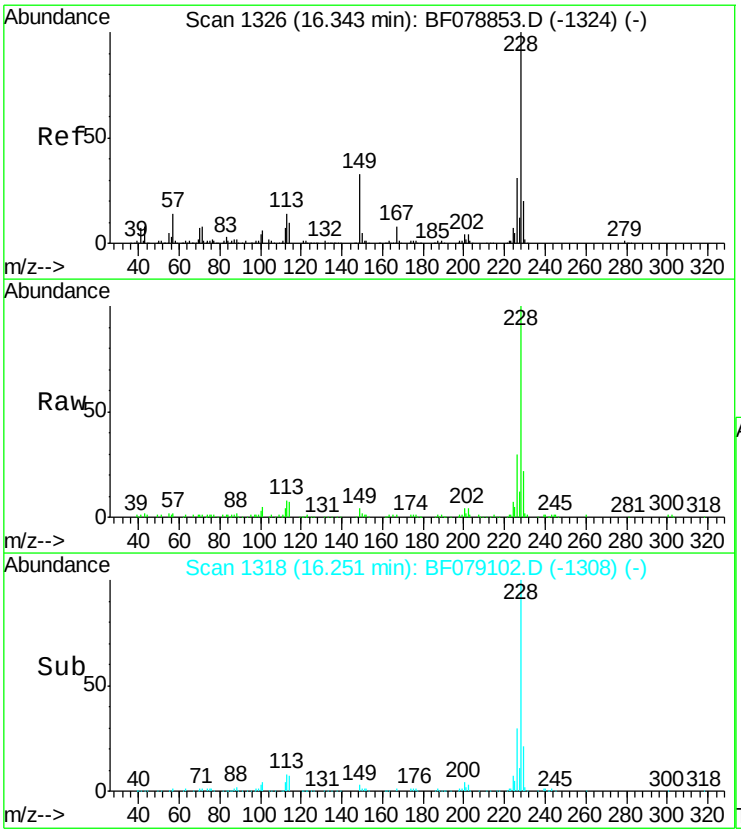
#80
Benzo(a)anthracene
Concen: 14.35 ng
RT: 16.21 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion:228 Resp: 191586

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.7	15.9	23.9

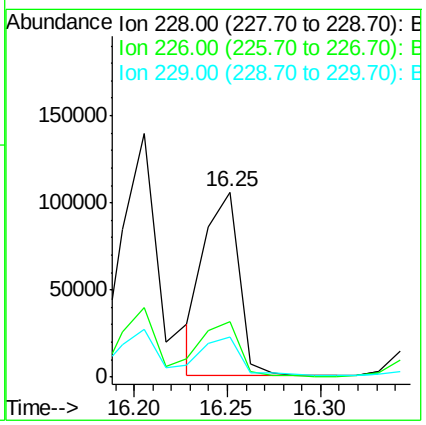


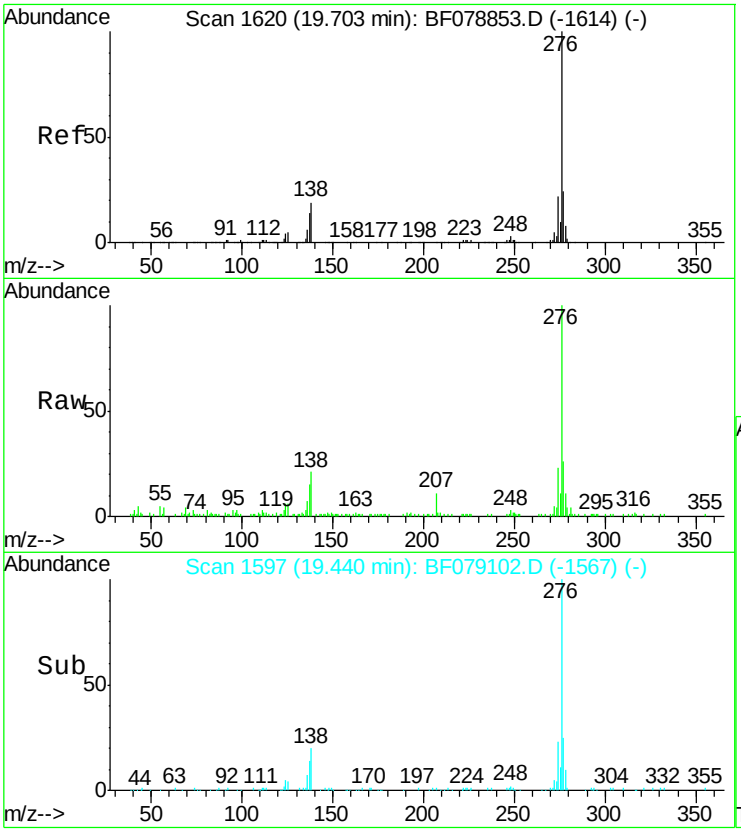


#82
Chrysene
Concen: 10.72 ng
RT: 16.25 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:228 Resp: 137702

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.8	16.0	24.0



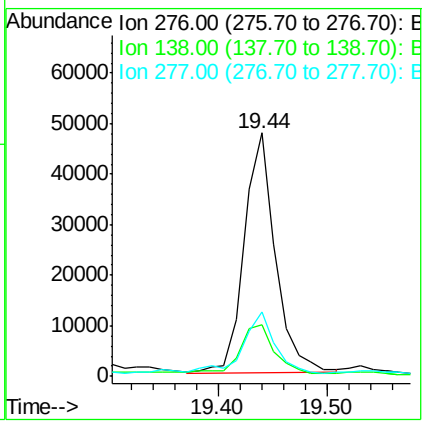


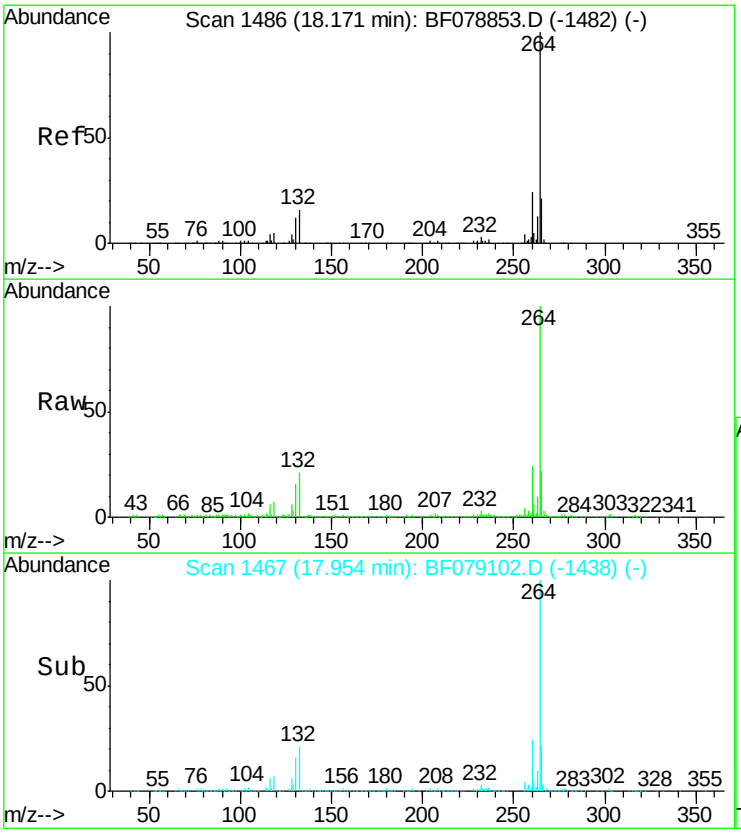
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.82 ng
RT: 19.44 min Scan# 1597
Delta R.T. 0.05 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion:276 Resp: 95284

Ion	Ratio	Lower	Upper
276	100		
138	22.7	0.0	0.0#
277	26.2	0.0	0.0#

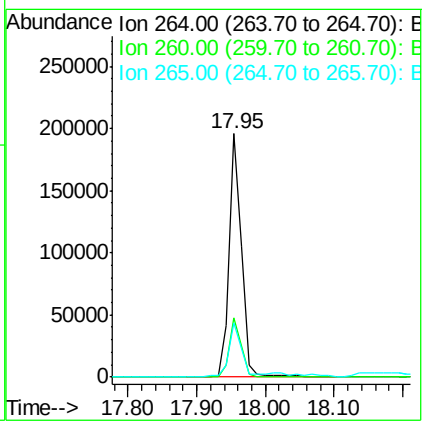


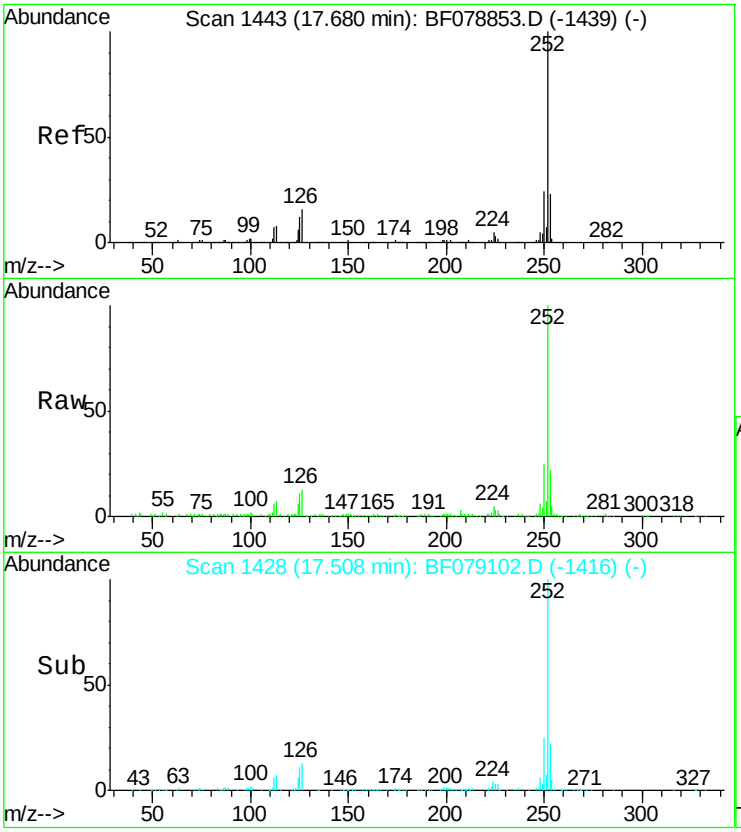


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.95 min Scan# 1467
Delta R.T. 0.03 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:264 Resp: 251957

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.1	18.3	27.5



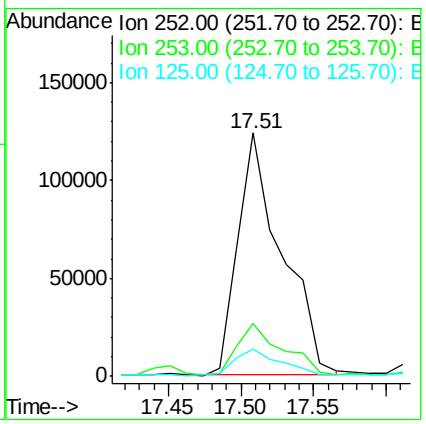


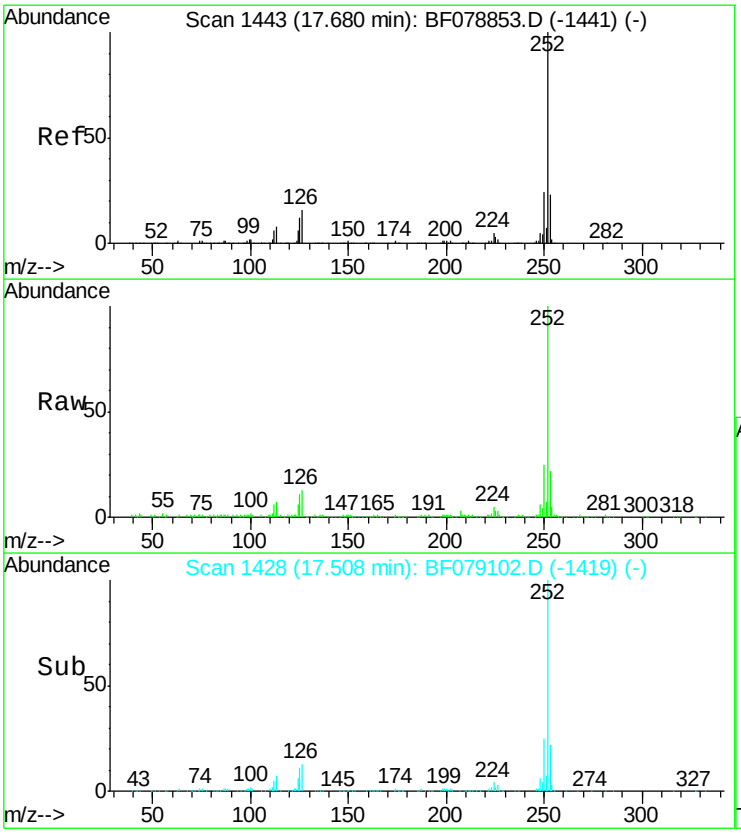
#87
Benzo(b)fluoranthene
Concen: 18.70 ng
RT: 17.51 min Scan# 1428
Delta R.T. 0.03 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion:252 Resp: 257837

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.1	9.5	14.3

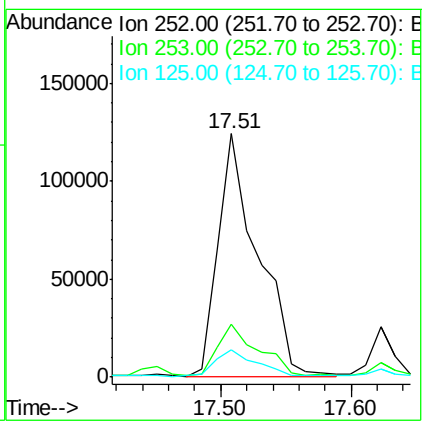


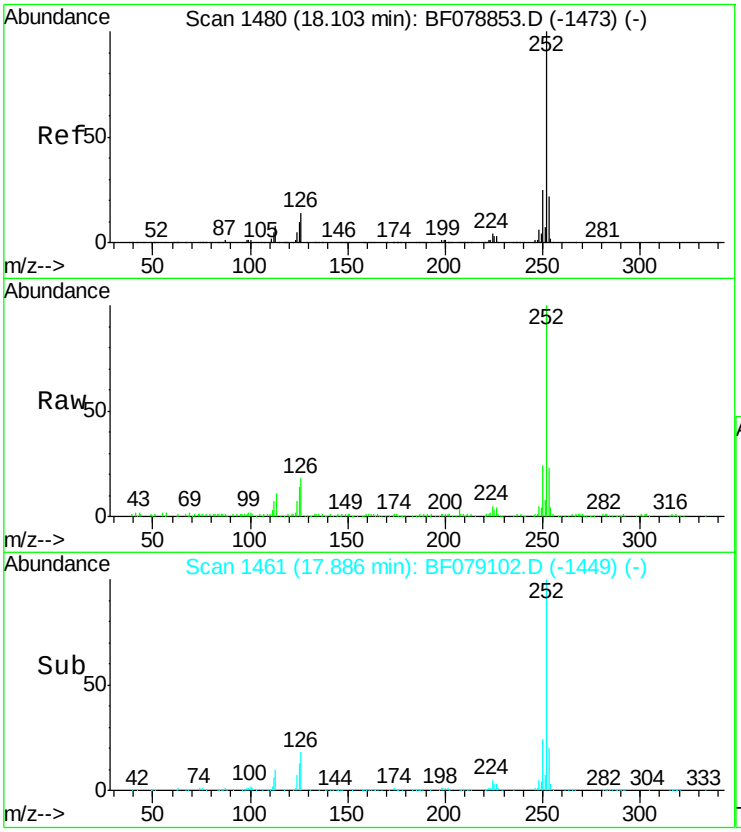


#88
Benzo(k)fluoranthene
Concen: 19.61 ng
RT: 17.51 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:252 Resp: 261800

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.1	10.0	15.0



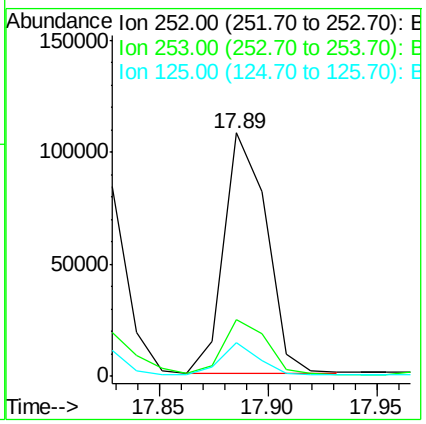


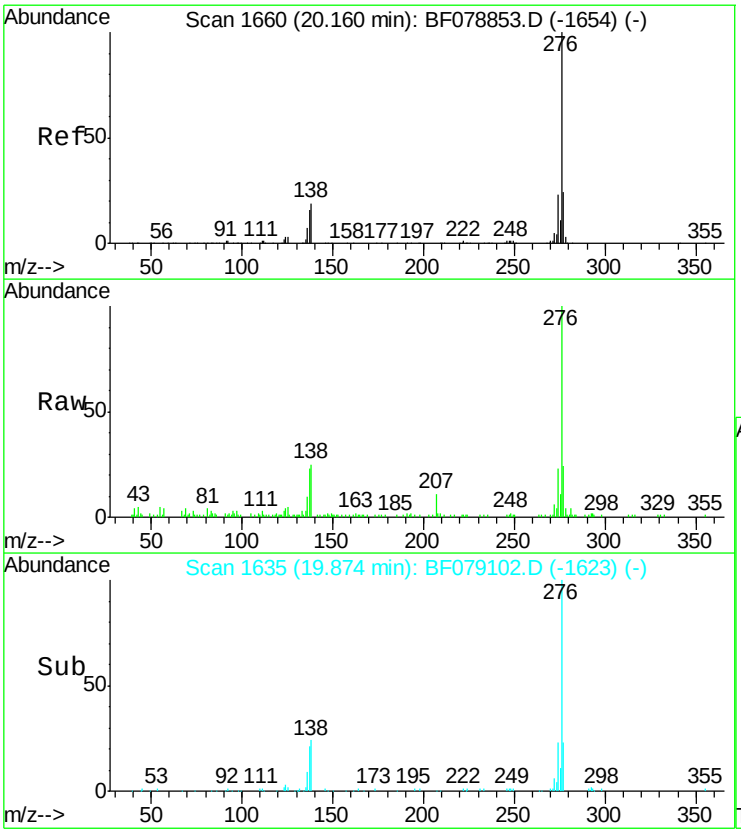
#89
Benzo(a)pyrene
Concen: 11.47 ng
RT: 17.89 min Scan# 1461
Delta R.T. 0.03 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Instrument :
BNA_F
ClientSampleId :
SB-47AS

Tgt Ion:252 Resp: 145610

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	13.7	7.0	10.6#





#91
Benzo(g,h,i)perylene
Concen: 6.87 ng
RT: 19.87 min Scan# 1635
Delta R.T. 0.03 min
Lab File: BF079102.D
Acq: 10 May 2015 1:39

Tgt Ion:276 Resp: 92935

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	25.1	17.4	26.0