Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078639.D
Acq On : 18 Apr 2015 12:22
Operator : TP/IZ
Sample : G1891-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-68S

Quant Time: Apr 20 00:59:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 05:04:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	34515	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	143143	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	74536	20.00	ng		0.00
63) Phenanthrene-d10	12.23	188	154357	20.00	ng		0.01
75) Chrysene-d12	15.47	240	176425	20.00	ng		0.01
86) Perylene-d12	17.17	264	183081	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	154000	73.57	ng		0.00
7) Phenol-d6	6.28	99	198327	75.60	ng		0.00
23) Nitrobenzene-d5	7.38	82	124459	52.70	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	58616	94.82	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	267000	51.20	ng		0.00
78) Terphenyl-d14	14.22	244	353432	45.27	ng		0.01
Target Compounds							Qvalue
55) 4-Nitrophenol	10.66	139	332	3.10	ng	#	18
70) Phenanthrene	12.25	178	26612	2.98	ng		100
74) Fluoranthene	13.70	202	49411	5.25	ng		99
77) Pyrene	13.98	202	47268	4.27	ng	#	95
80) Benzo(a)anthracene	15.46	228	25655	2.44	ng		96
82) Chrysene	15.50	228	24038	2.44	ng		98
87) Benzo(b)fluoranthene	16.73	252	44312	3.92	ng	#	92
88) Benzo(k)fluoranthene	16.73	252	44526	4.43	ng		97
89) Benzo(a)pyrene	17.10	252	24324	2.46	ng	#	87

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

Quantitation Report (Not Reviewed)

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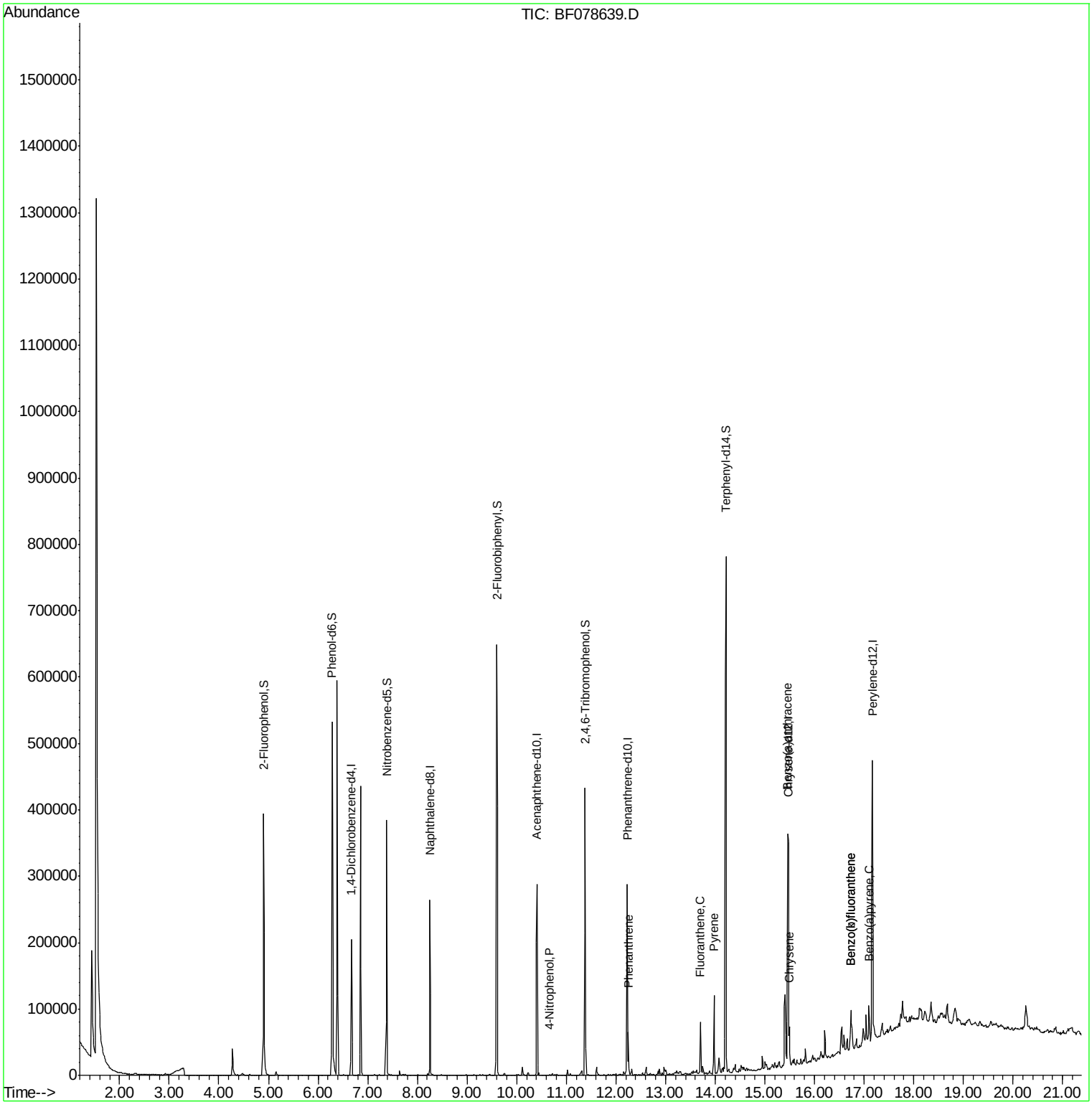
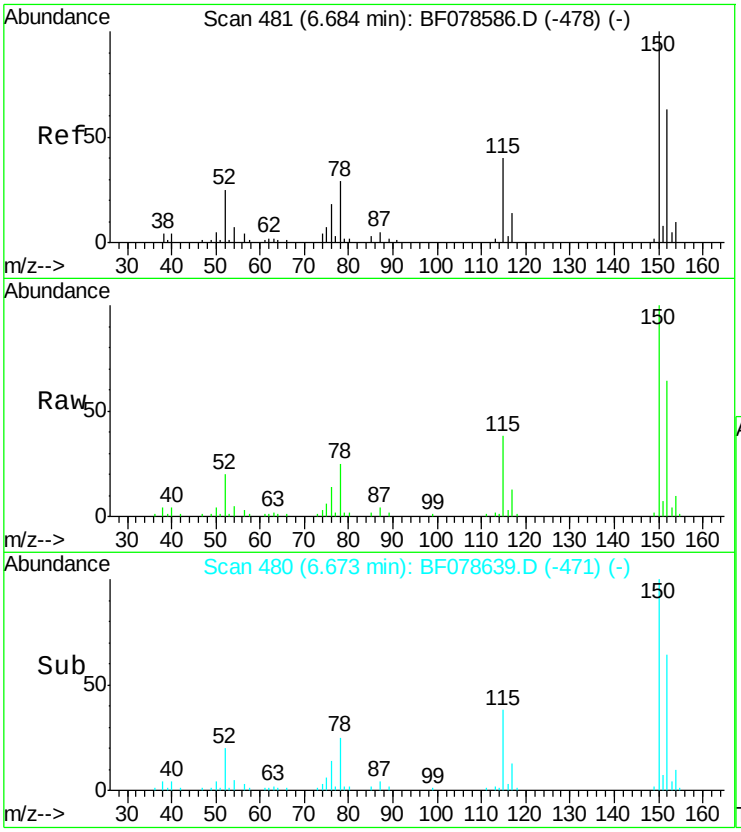


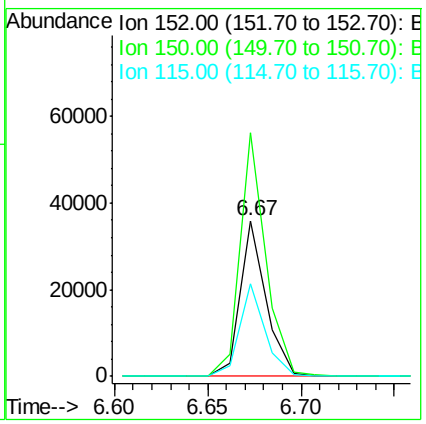


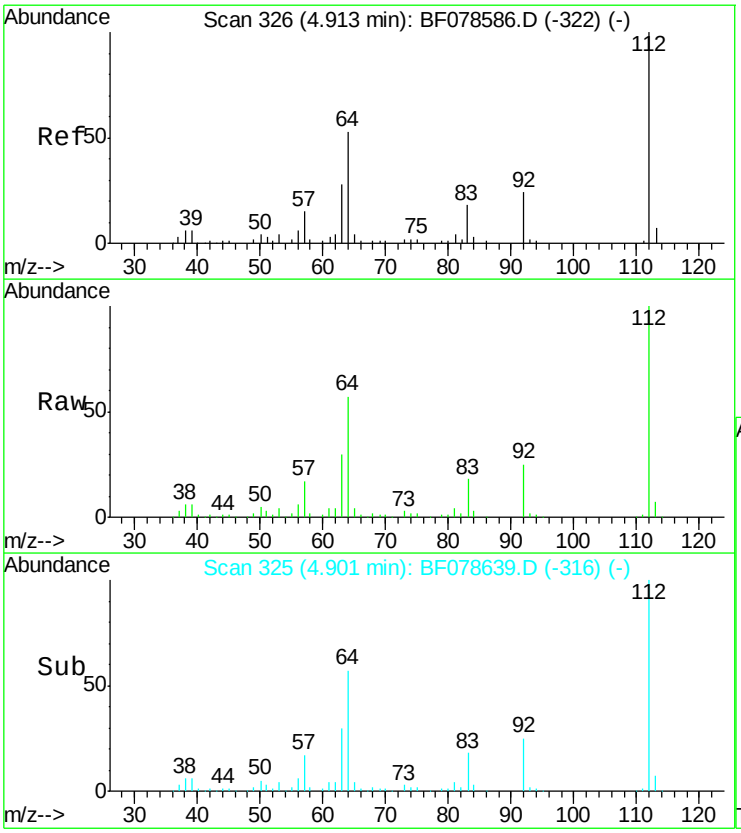
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Instrument :
BNA_F
ClientSampleId :
SB-68S

Tgt Ion:152 Resp: 34515

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.9	188.9
115	59.8	52.7	79.1

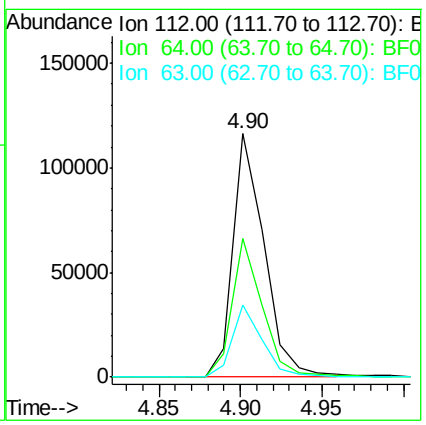


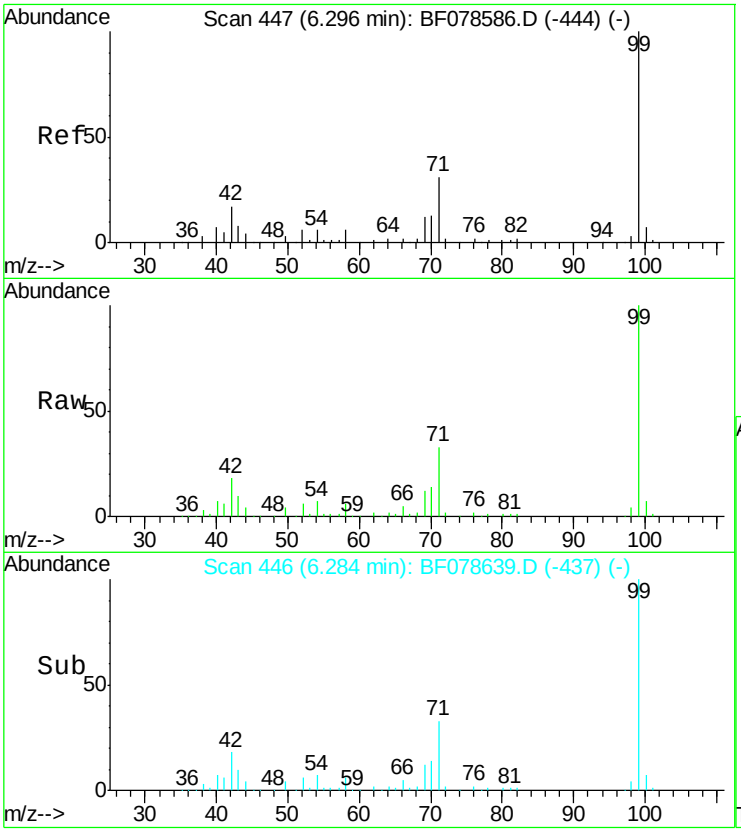


#5
2-Fluorophenol
Concen: 73.57 ng
RT: 4.90 min Scan# 325
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Tgt Ion:112 Resp: 154000

Ion	Ratio	Lower	Upper
112	100		
64	56.9	39.9	59.9
63	29.6	20.2	30.4



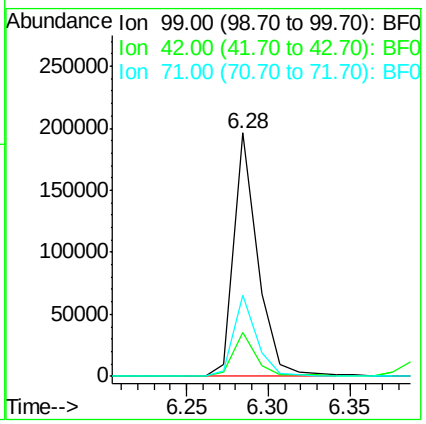


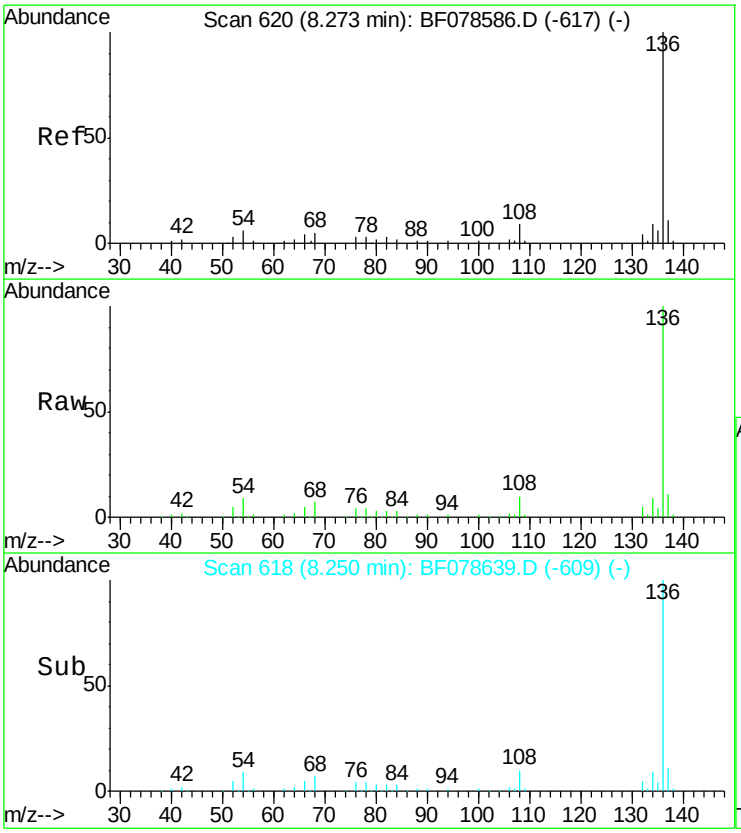
#7
Phenol-d6
Concen: 75.60 ng
RT: 6.28 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Instrument :
BNA_F
ClientSampleId :
SB-68S

Tgt Ion: 99 Resp: 198327

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	33.1	26.6	39.8

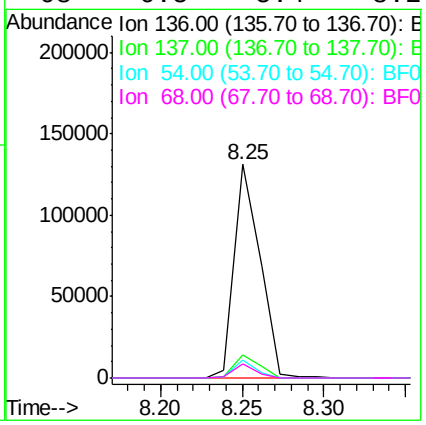


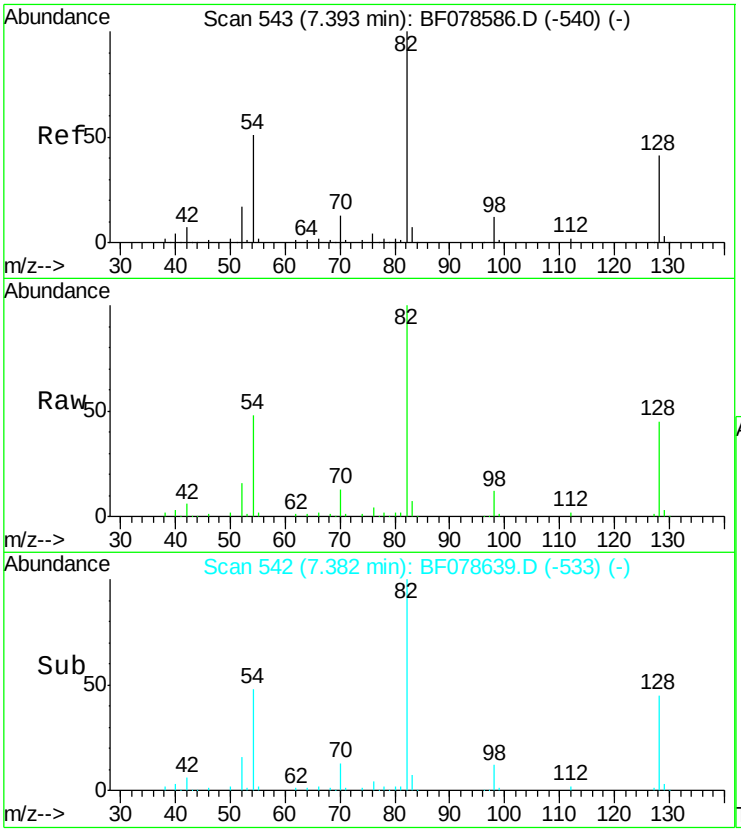


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Tgt Ion:136 Resp: 143143

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.7	7.0	10.6
68	6.5	5.4	8.2



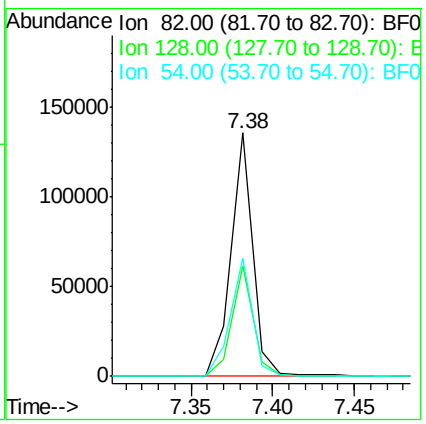


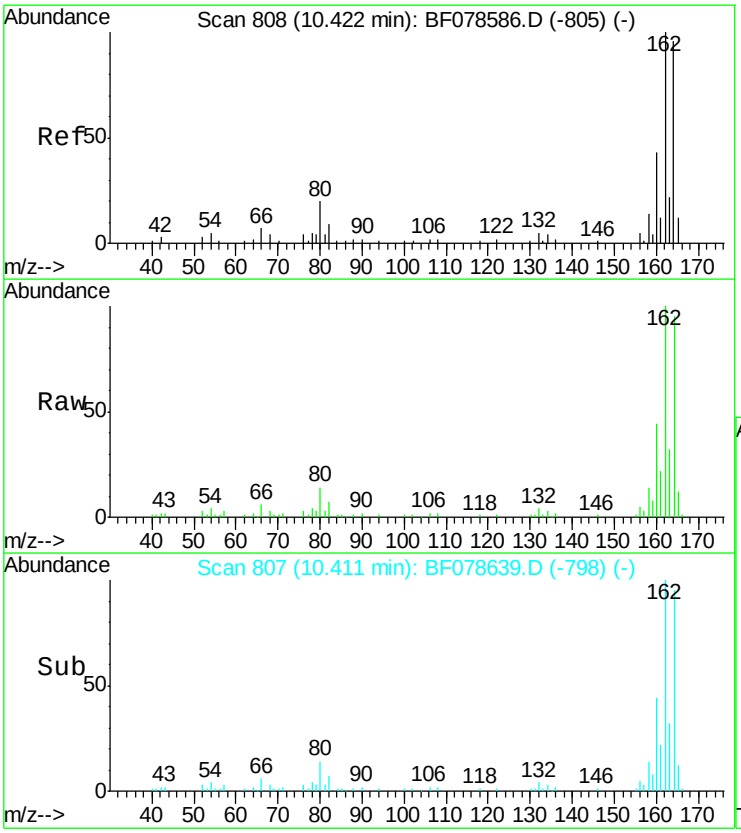
#23
Nitrobenzene-d5
Concen: 52.70 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Instrument :
BNA_F
ClientSampleId :
SB-68S

Tgt Ion: 82 Resp: 124459

Ion	Ratio	Lower	Upper
82	100		
128	45.2	31.8	47.8
54	48.3	41.5	62.3

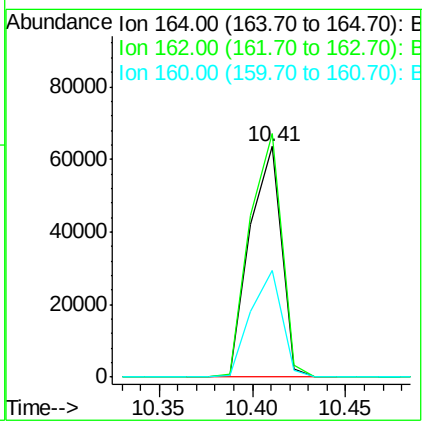


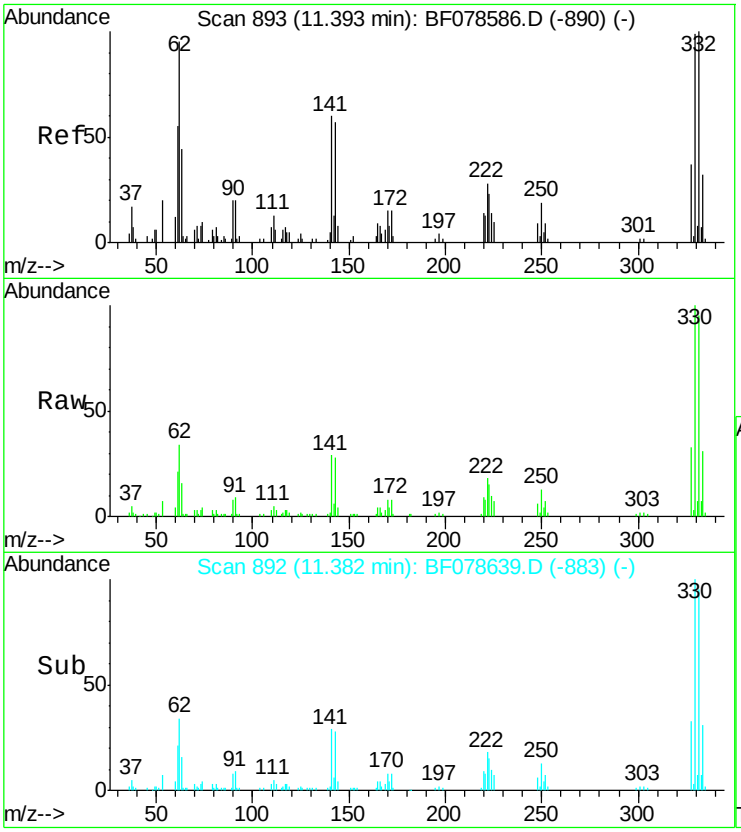


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Tgt Ion:164 Resp: 74536

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.2	123.2
160	46.0	34.7	52.1



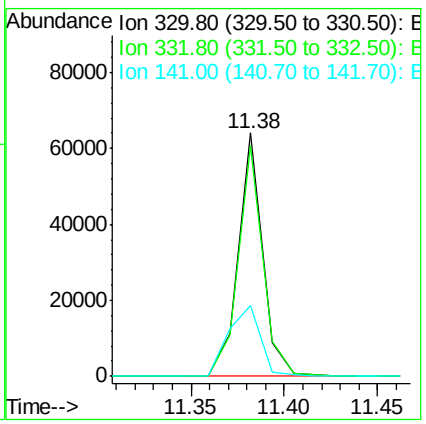


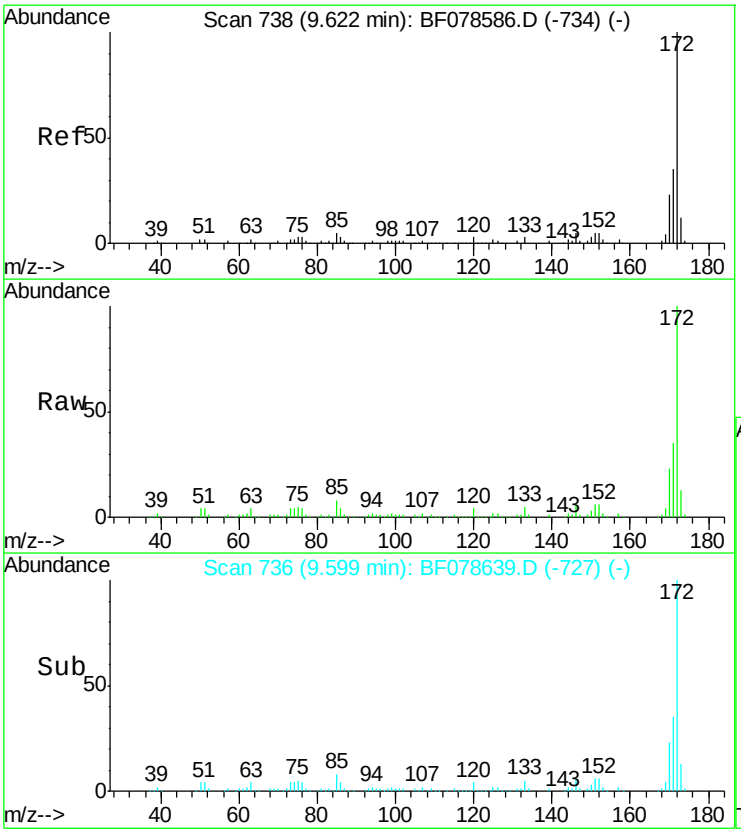
#41
2,4,6-Tribromophenol
Concen: 94.82 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Instrument :
BNA_F
ClientSampleId :
SB-68S

Tgt Ion:330 Resp: 58616

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.6	117.8
141	38.2	31.2	46.8

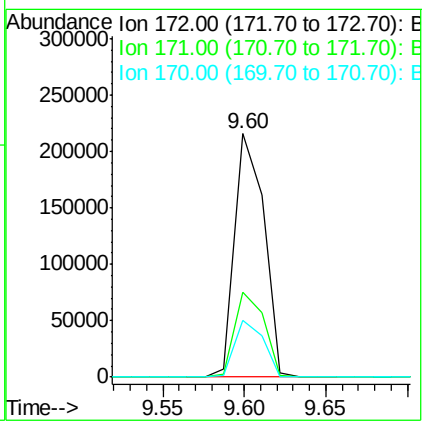


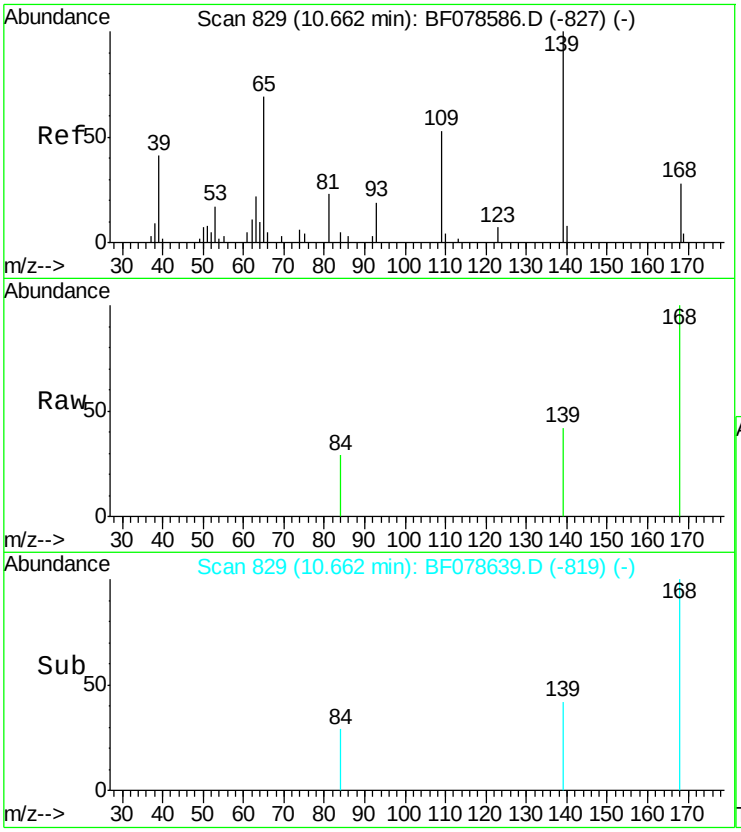


#44
2-Fluorobiphenyl
Concen: 51.20 ng
RT: 9.60 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Tgt Ion:172 Resp: 267000

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	23.2	18.5	27.7



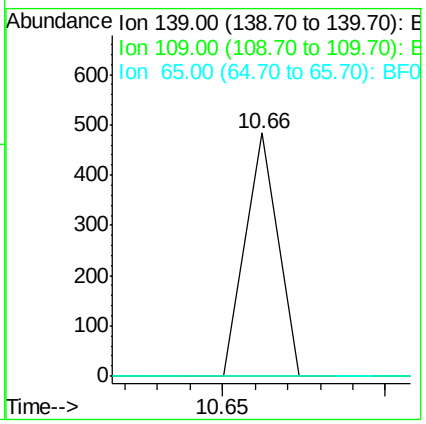


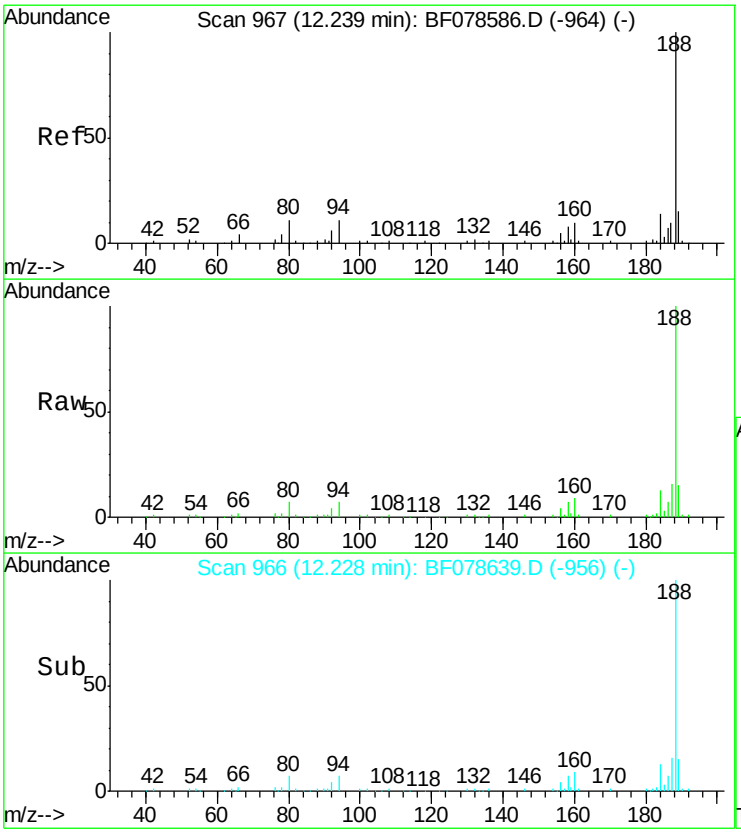
#55
4-Nitrophenol
Concen: 3.10 ng
RT: 10.66 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Instrument :
BNA_F
ClientSampleId :
SB-68S

Tgt Ion:139 Resp: 332

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

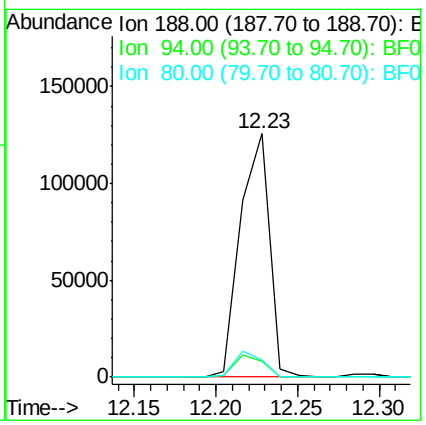


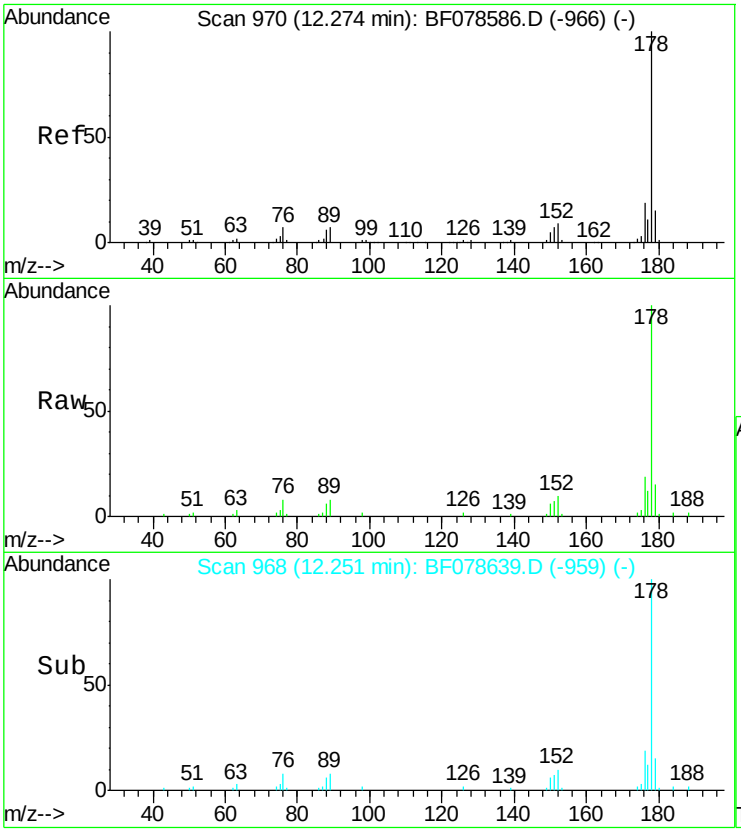


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Tgt Ion:188 Resp: 154357

Ion	Ratio	Lower	Upper
188	100		
94	6.6	9.0	13.4#
80	7.2	9.5	14.3#



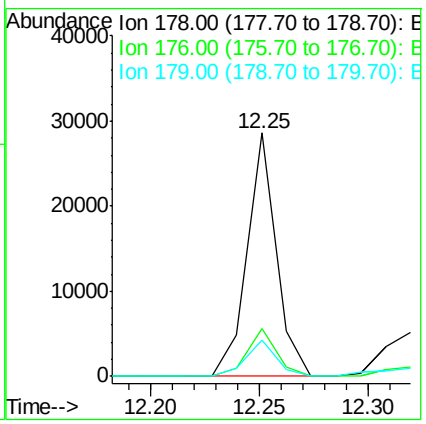


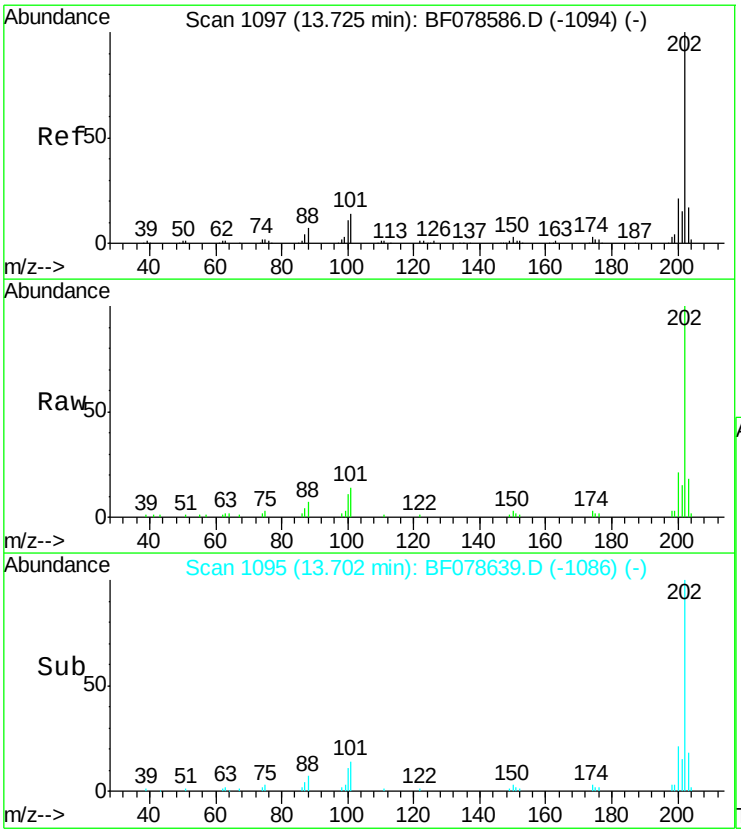
#70
Phenanthrene
Concen: 2.98 ng
RT: 12.25 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Instrument :
BNA_F
ClientSampleId :
SB-68S

Tgt Ion:178 Resp: 26612

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.2	12.2	18.2

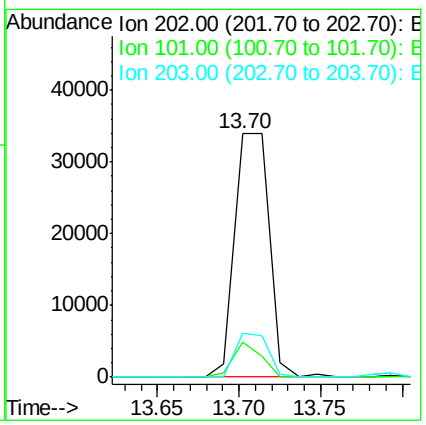


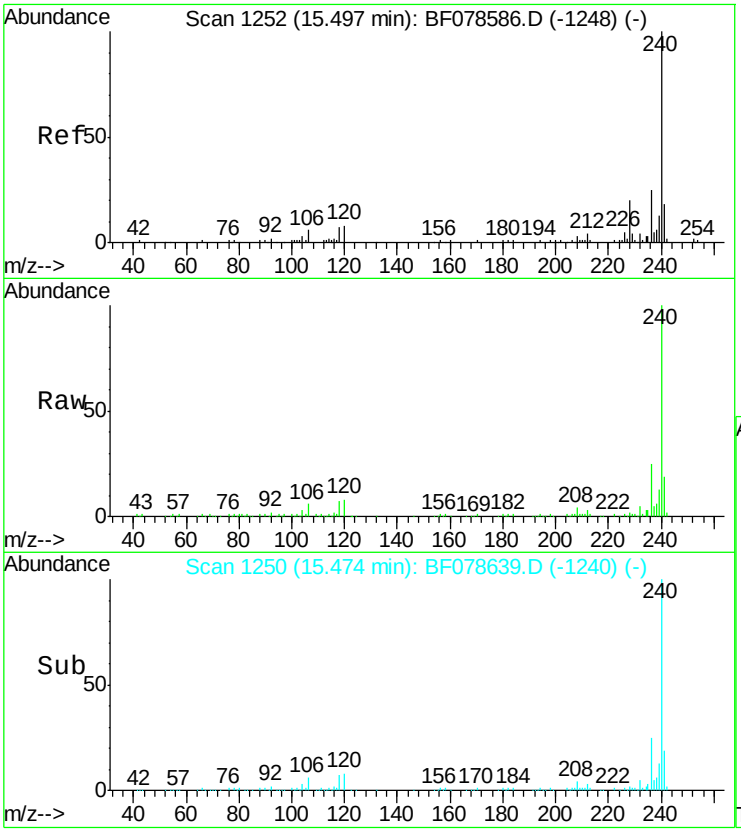


#74
Fluoranthene
Concen: 5.25 ng
RT: 13.70 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Tgt Ion:202 Resp: 49411

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	35.2
203	18.1	0.0	38.5



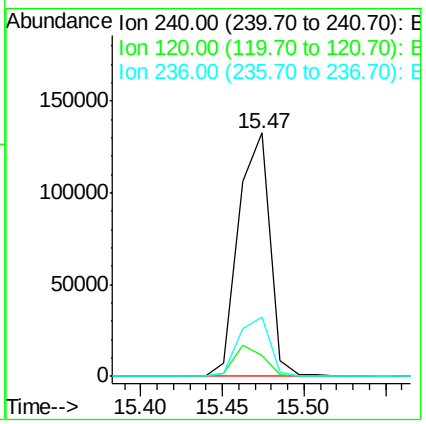


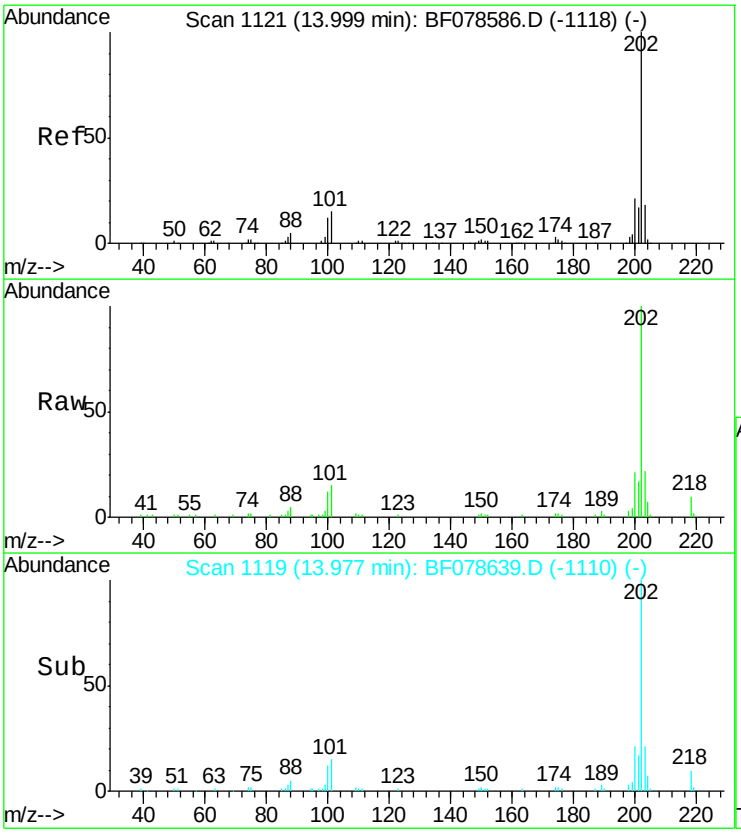
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Instrument :
BNA_F
ClientSampleId :
SB-68S

Tgt Ion:240 Resp: 176425

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.1	10.7
236	24.6	21.4	32.2

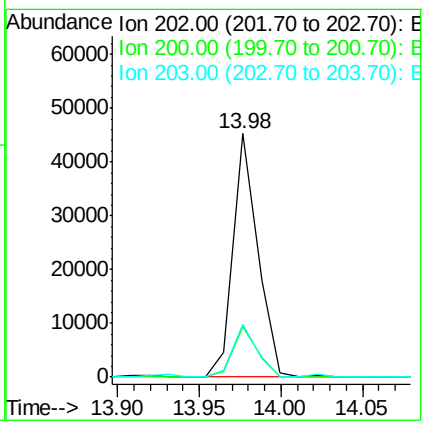


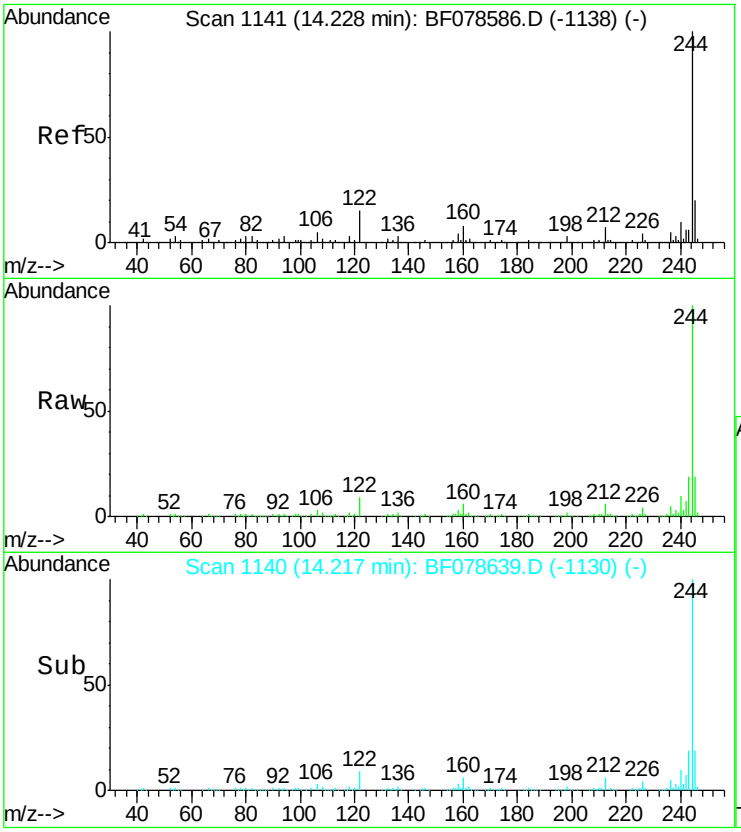


#77
Pyrene
Concen: 4.27 ng
RT: 13.98 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Tgt Ion:202 Resp: 47268

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	21.8	13.8	20.6#



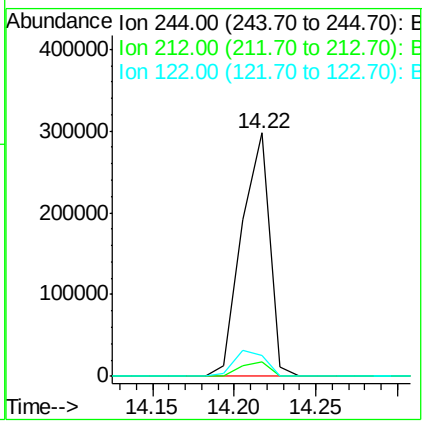


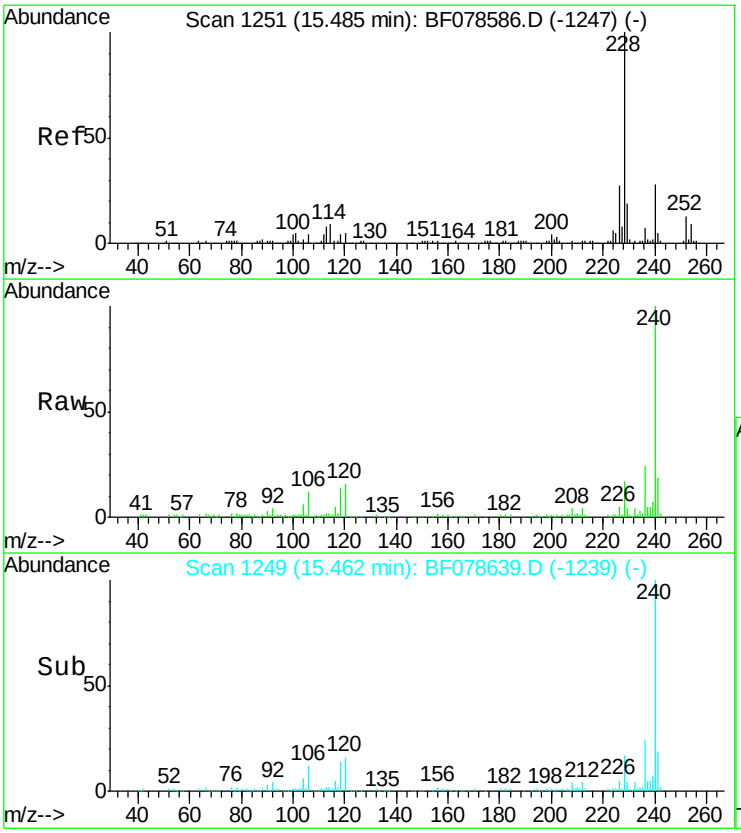
#78
Terphenyl-d14
Concen: 45.27 ng
RT: 14.22 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Instrument :
BNA_F
ClientSampleId :
SB-68S

Tgt Ion:244 Resp: 353432

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	8.6	7.1	10.7

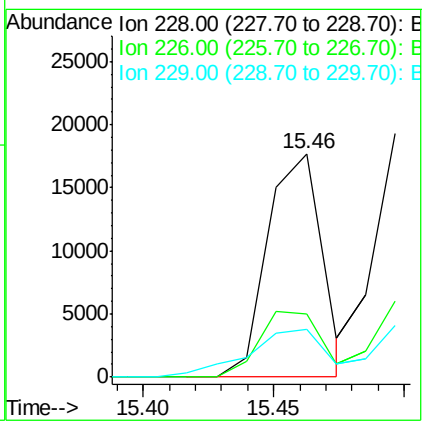


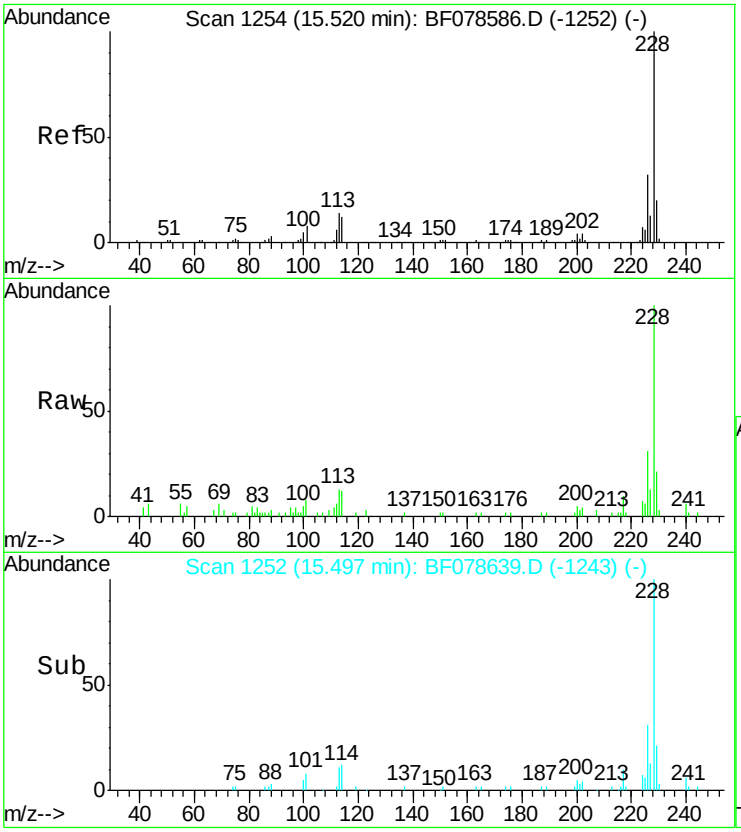


#80
Benzo(a)anthracene
Concen: 2.44 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Tgt Ion:228 Resp: 25655

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.3	31.9
229	21.2	15.4	23.2



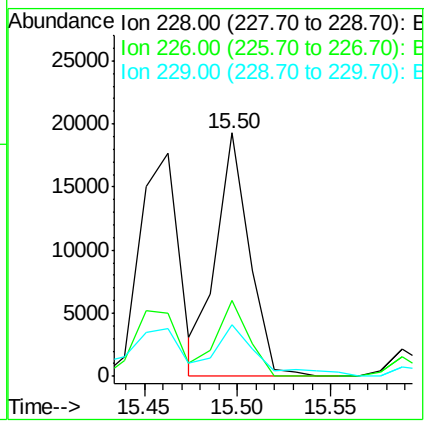


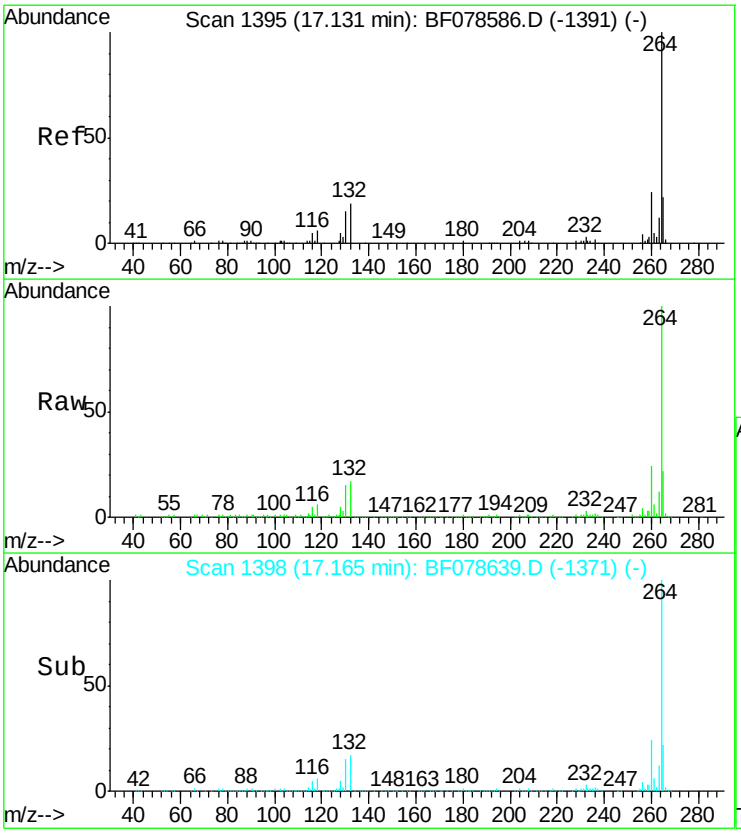
#82
Chrysene
Concen: 2.44 ng
RT: 15.50 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Instrument :
BNA_F
ClientSampleId :
SB-68S

Tgt Ion:228 Resp: 24038

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.4
229	21.1	15.8	23.8

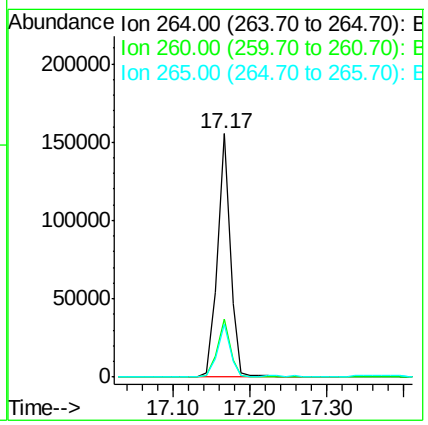


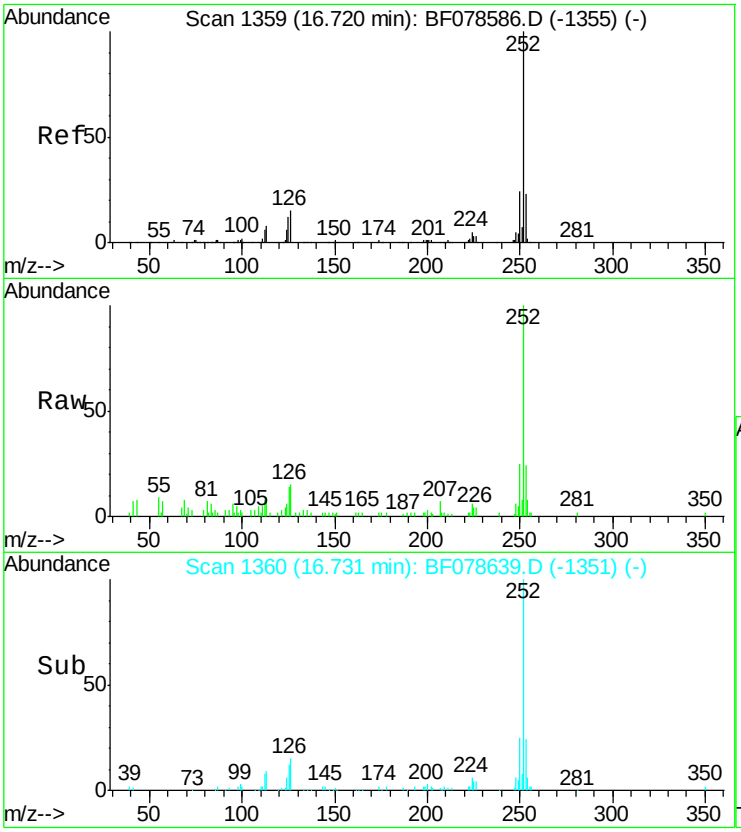


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.17 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Tgt Ion:264 Resp: 183081

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.9	17.0	25.6



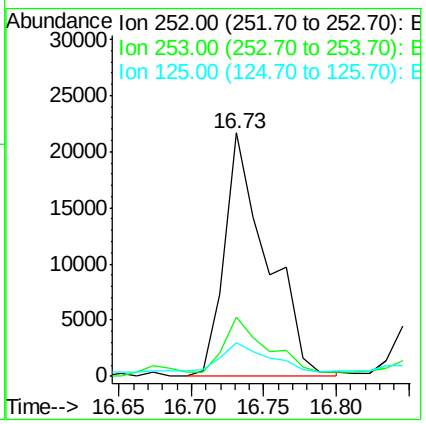


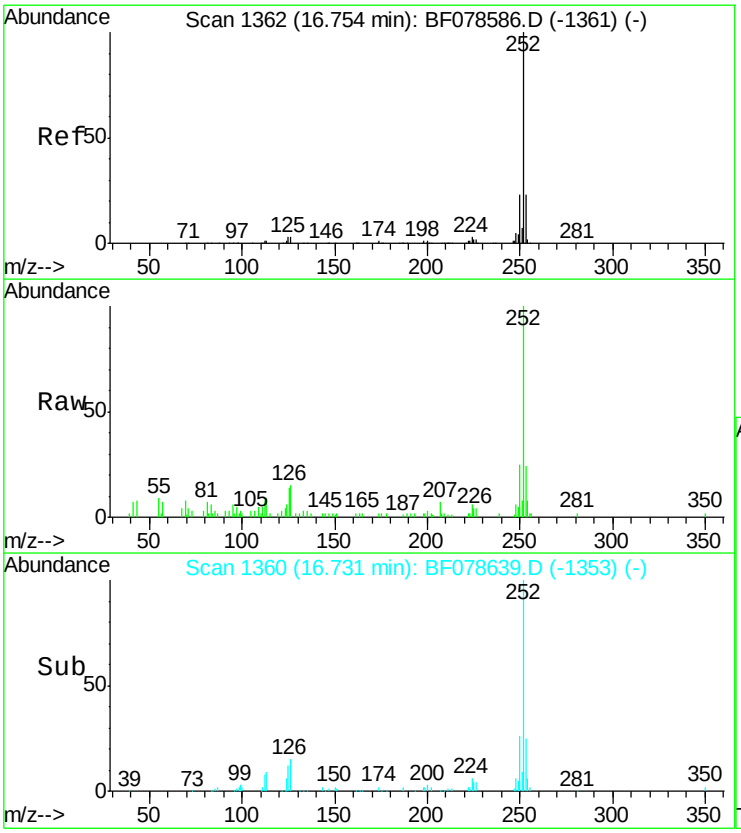
#87
Benzo(b)fluoranthene
Concen: 3.92 ng
RT: 16.73 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Instrument :
BNA_F
ClientSampleId :
SB-68S

Tgt Ion:252 Resp: 44312

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	13.9	7.0	10.4#

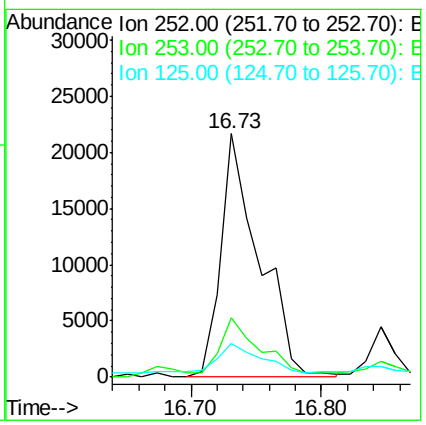


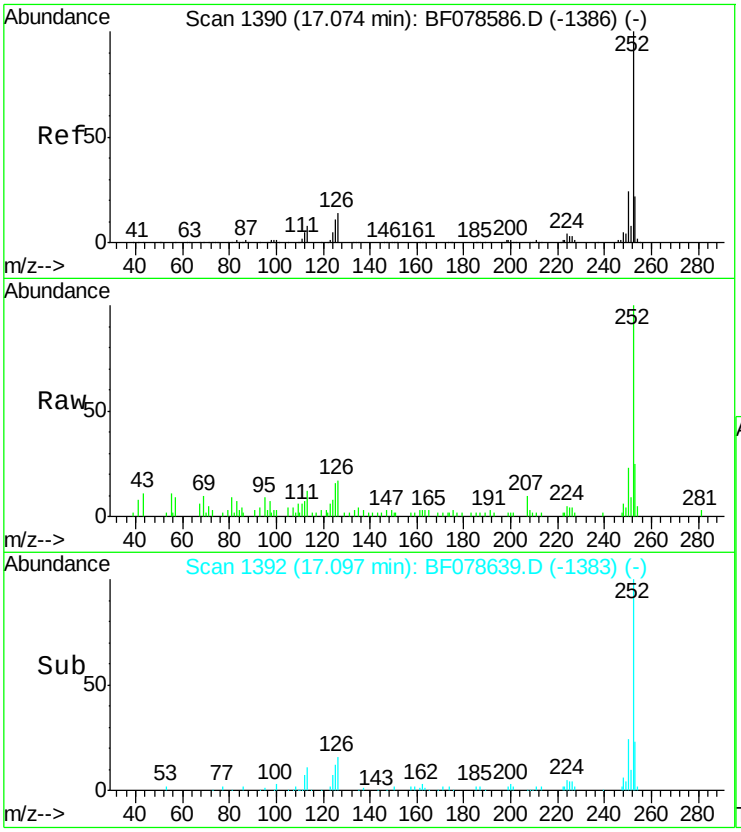


#88
Benzo(k)fluoranthene
Concen: 4.43 ng
RT: 16.73 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Tgt Ion:252 Resp: 44526

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	13.9	11.6	17.4





#89
Benzo(a)pyrene
Concen: 2.46 ng
RT: 17.10 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF078639.D
Acq: 18 Apr 2015 12:22

Instrument :
BNA_F
ClientSampleId :
SB-68S

Tgt Ion:252 Resp: 24324

Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.8	25.2#
125	16.3	7.4	11.0#