Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078522.D
Acq On : 15 Apr 2015 2:13
Operator : TP/IZ
Sample : G1823-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Time: Apr 15 03:26:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 01:10:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	24624	20.00	ng	0.00
21) Naphthalene-d8	8.39	136	108945	20.00	ng	0.00
38) Acenaphthene-d10	10.54	164	57264	20.00	ng	0.00
63) Phenanthrene-d10	12.37	188	124374	20.00	ng	0.00
75) Chrysene-d12	15.62	240	142681	20.00	ng	-0.03
86) Perylene-d12	17.28	264	144268	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	23239	15.56	ng	0.01
7) Phenol-d6	6.41	99	31624	16.90	ng	0.00
23) Nitrobenzene-d5	7.51	82	17139	9.54	ng	0.00
41) 2,4,6-Tribromophenol	11.52	330	8131	17.12	ng	0.00
44) 2-Fluorobiphenyl	9.74	172	41919	10.46	ng	0.00
78) Terphenyl-d14	14.35	244	58349	9.24	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	10.36	152	14460	2.43	ng	98
70) Phenanthrene	12.39	178	58513	8.13	ng	100
71) Anthracene	12.46	178	35532	5.01	ng	99
74) Fluoranthene	13.86	202	235120	30.99	ng	91
77) Pyrene	14.14	202	235277	26.27	ng	99
80) Benzo(a)anthracene	15.61	228	170039	20.03	ng	98
82) Chrysene	15.66	228	125836	15.78	ng	96
85) Indeno(1,2,3-cd)pyrene	18.49	276	75415m	8.33	ng	
87) Benzo(b)fluoranthene	16.87	252	194029m	21.76	ng	
88) Benzo(k)fluoranthene	16.89	252	59778m	7.54	ng	
89) Benzo(a)pyrene	17.22	252	120837	15.53	ng	97
90) Dibenzo(a,h)anthracene	18.50	278	16783m	2.15	ng	
91) Benzo(g,h,i)perylene	18.83	276	71147m	9.11	ng	

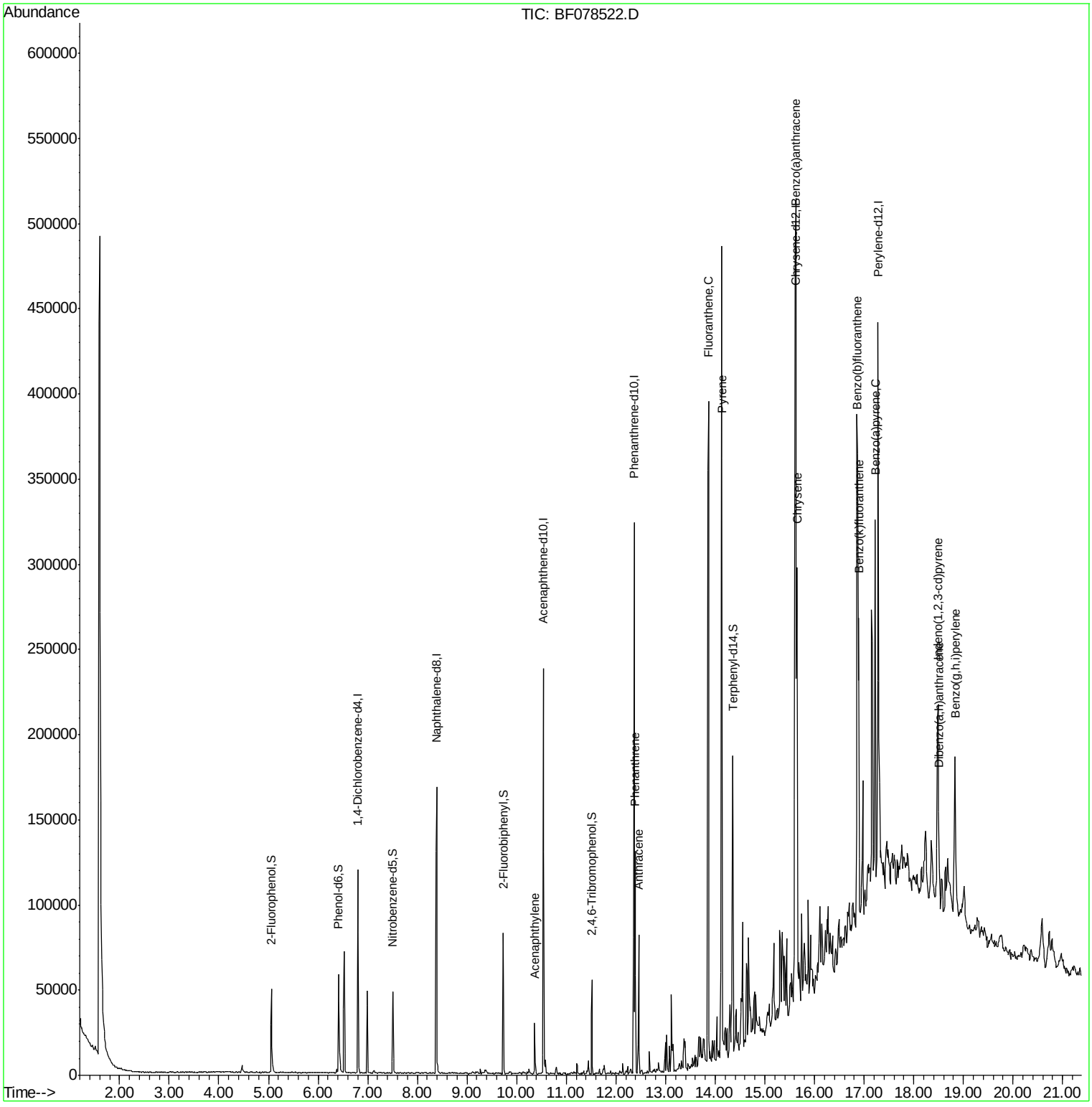
(#) = qualifier out of range (m) = manual integration (+) = signals summed

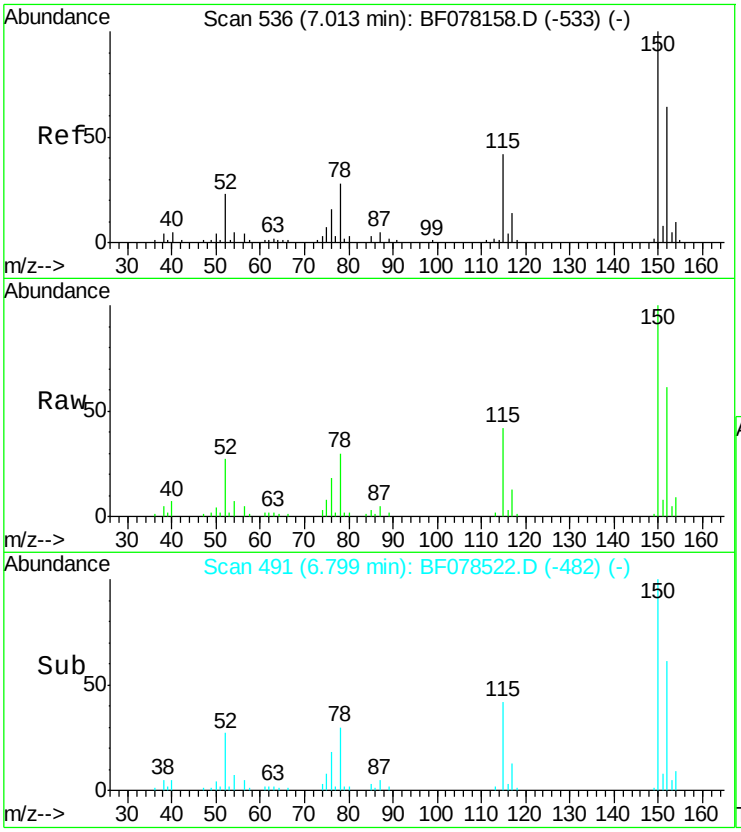
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078522.D
Acq On : 15 Apr 2015 2:13
Operator : TP/IZ
Sample : G1823-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Time: Apr 15 03:26:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 01:10:59 2015
Response via : Initial Calibration



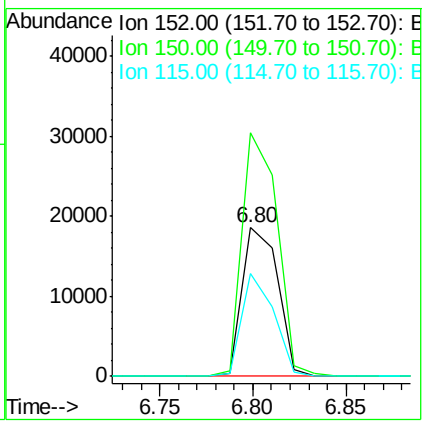


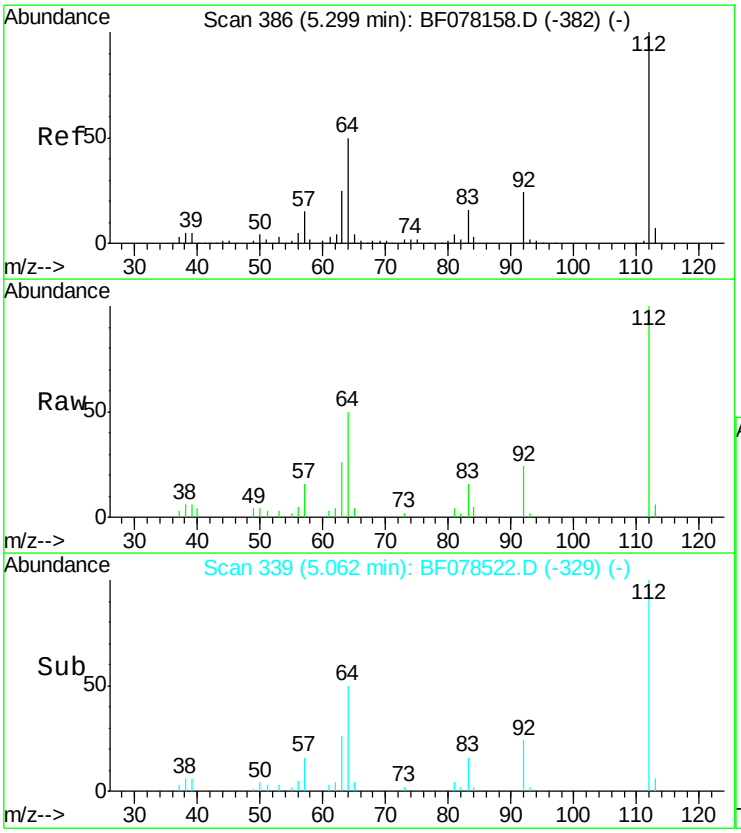
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 24624

Ion	Ratio	Lower	Upper
152	100		
150	164.0	125.9	188.9
115	68.9	52.7	79.1

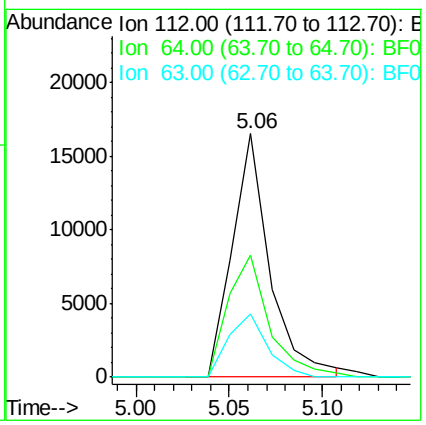


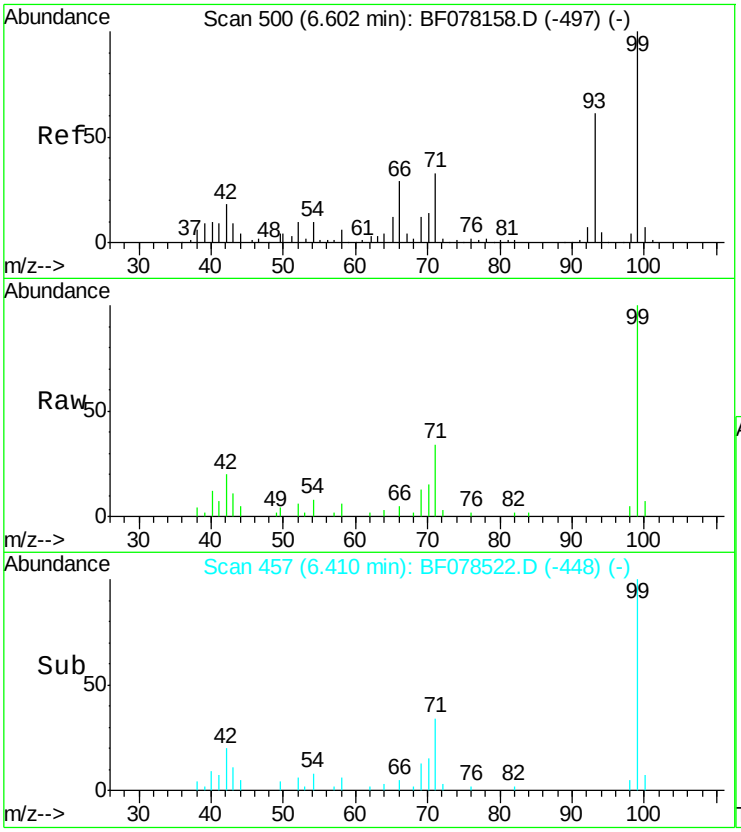


#5
2-Fluorophenol
Concen: 15.56 ng
RT: 5.06 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Tgt Ion:112 Resp: 23239

Ion	Ratio	Lower	Upper
112	100		
64	49.9	39.9	59.9
63	25.8	20.2	30.4



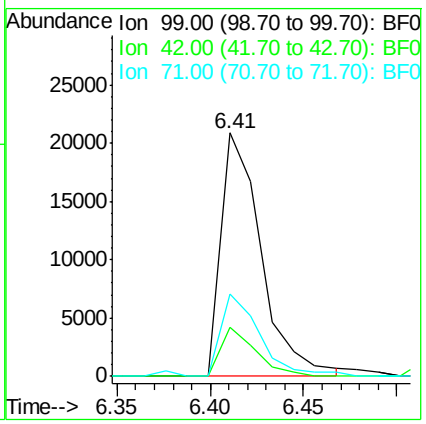


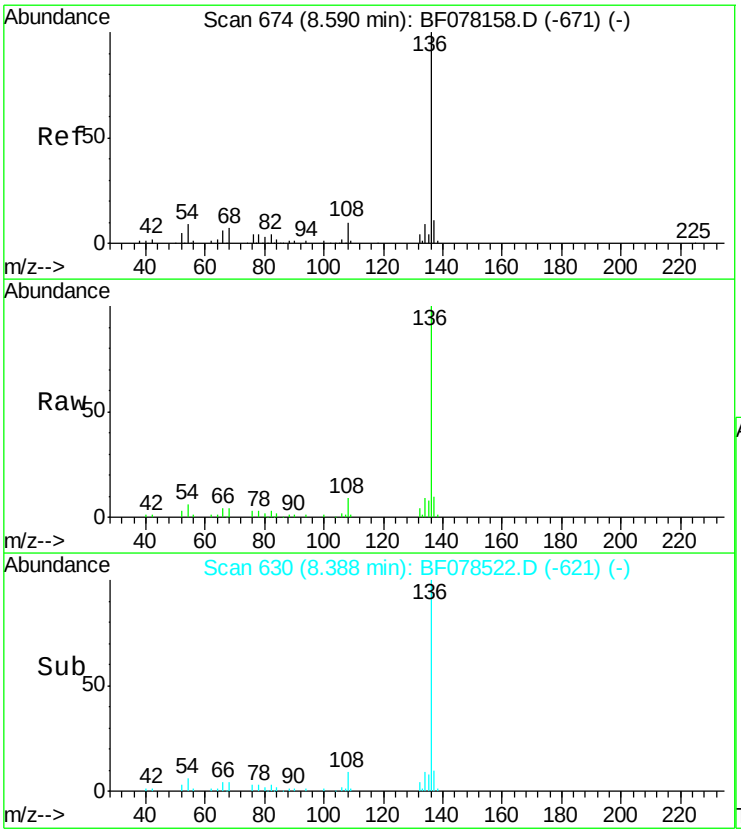
#7
Phenol-d6
Concen: 16.90 ng
RT: 6.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 99 Resp: 31624

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.8	22.2
71	33.6	26.6	39.8

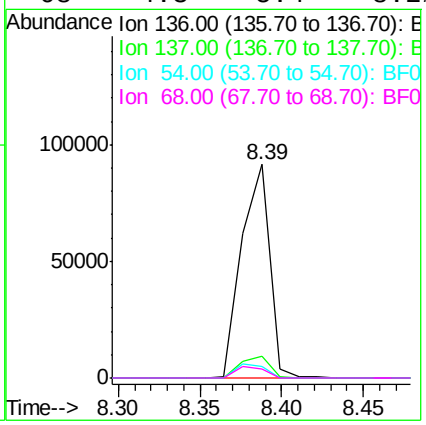


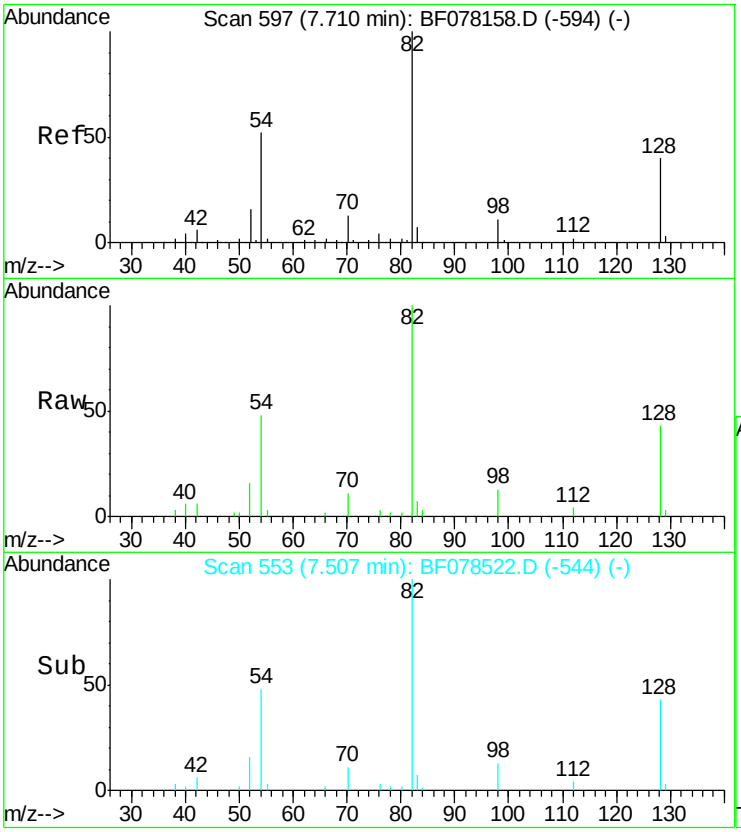


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.39 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Tgt Ion:136 Resp: 108945

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	5.6	7.0	10.6#
68	4.3	5.4	8.2#



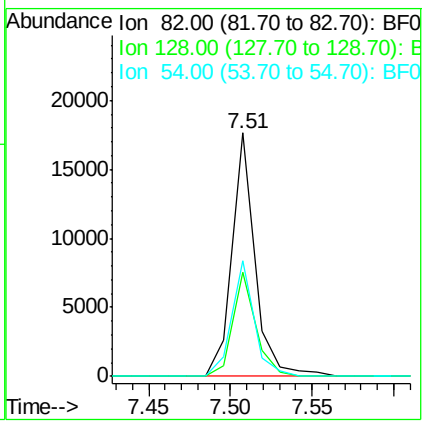


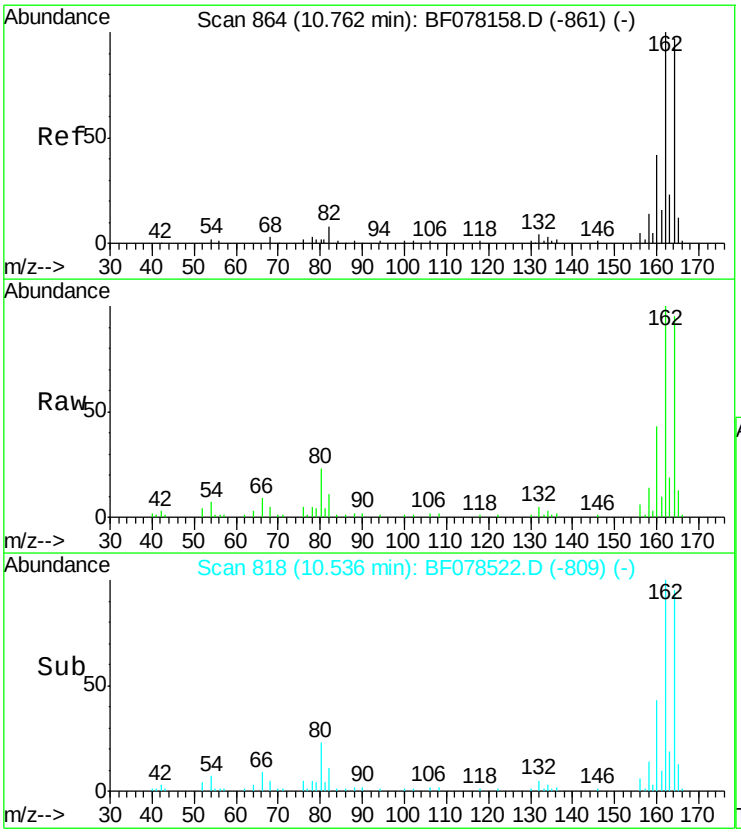
#23
Nitrobenzene-d5
Concen: 9.54 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 82 Resp: 17139

Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.8	47.8
54	47.7	41.5	62.3

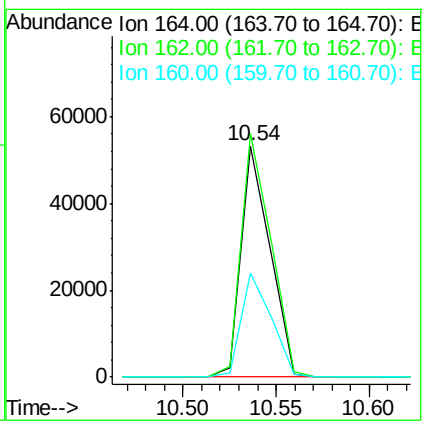


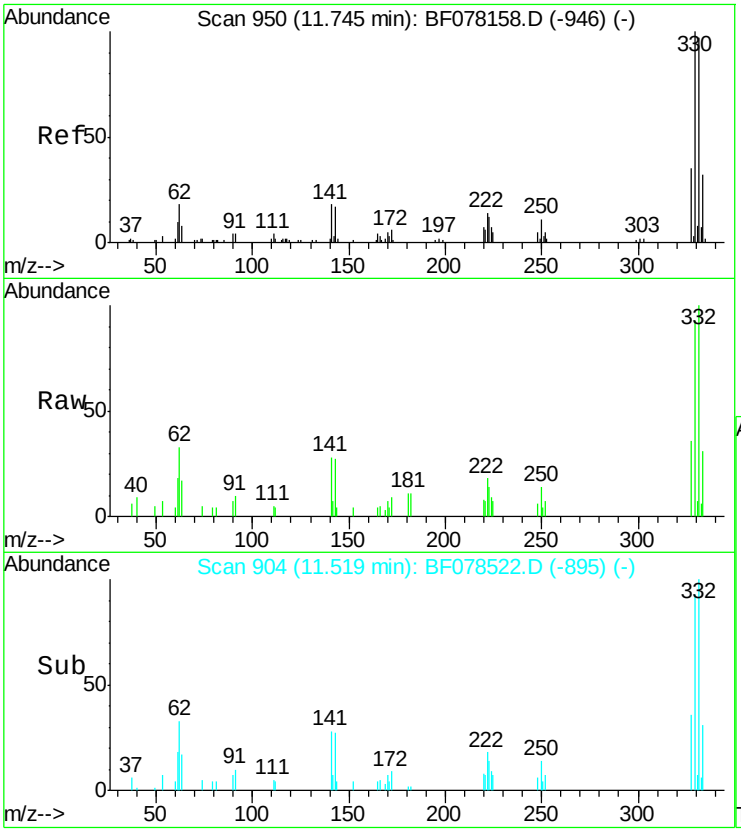


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Tgt Ion:164 Resp: 57264

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.2	123.2
160	45.1	34.7	52.1



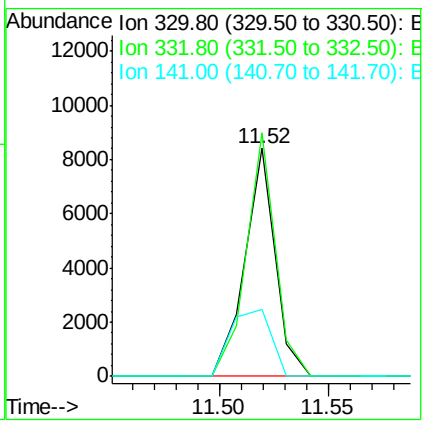


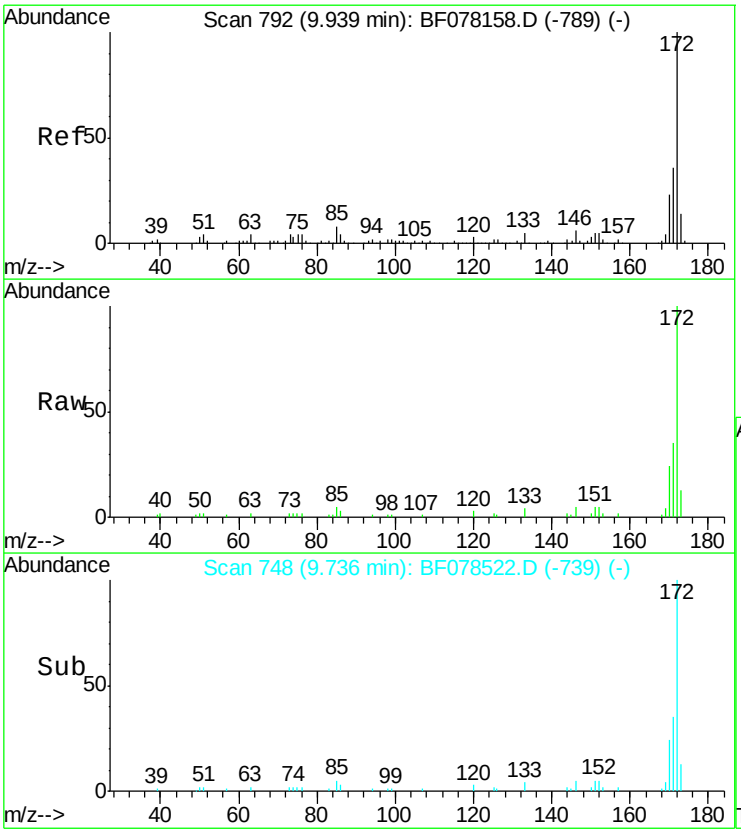
#41
2,4,6-Tribromophenol
Concen: 17.12 ng
RT: 11.52 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:330 Resp: 8131

Ion	Ratio	Lower	Upper
330	100		
332	102.7	78.6	117.8
141	39.3	31.2	46.8

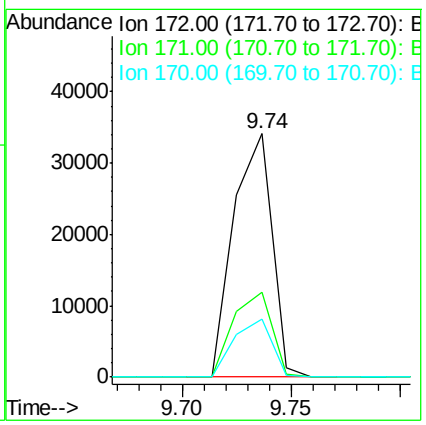


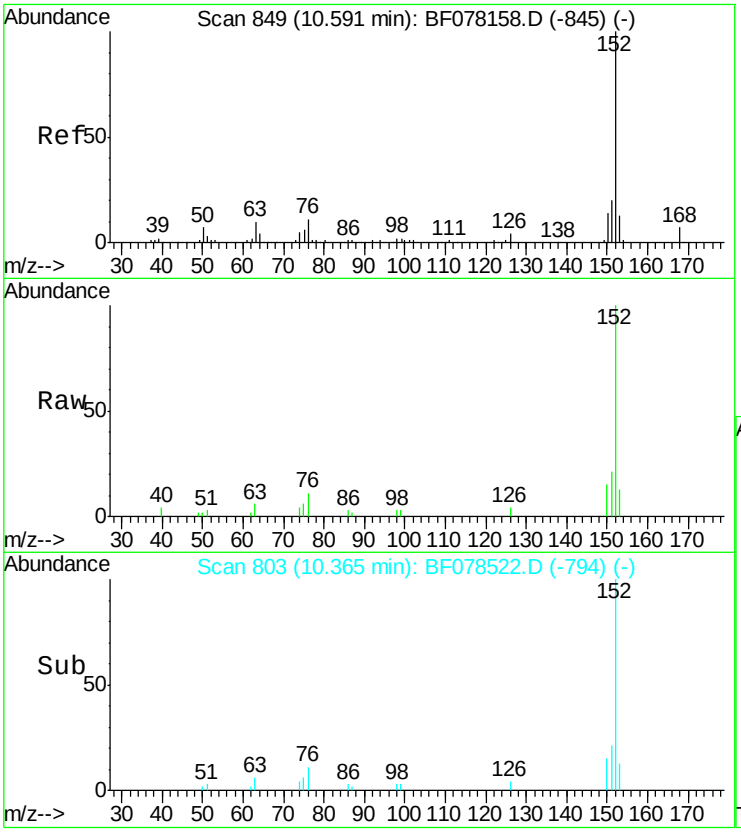


#44
2-Fluorobiphenyl
Concen: 10.46 ng
RT: 9.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Tgt Ion:172 Resp: 41919

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	24.1	18.5	27.7



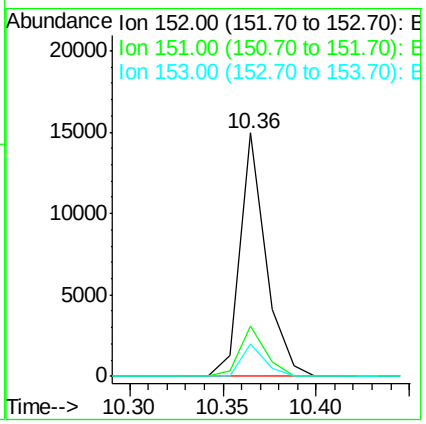


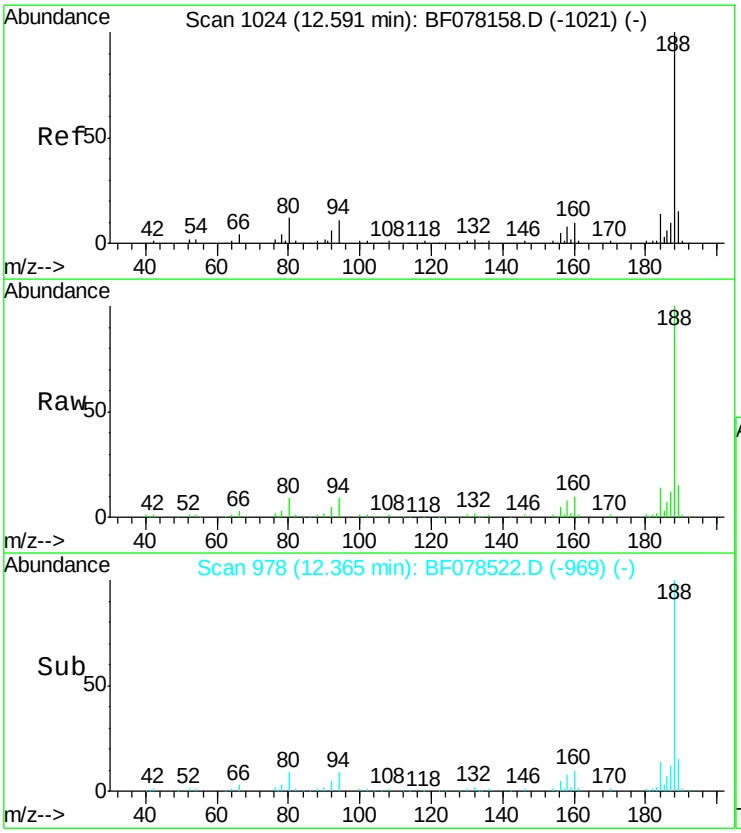
#48
Acenaphthylene
Concen: 2.43 ng
RT: 10.36 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 14460

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.7	23.5
153	13.1	10.2	15.2

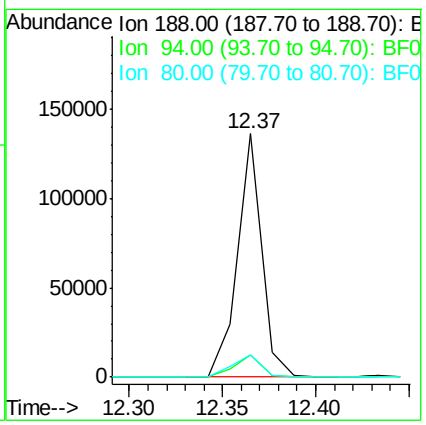


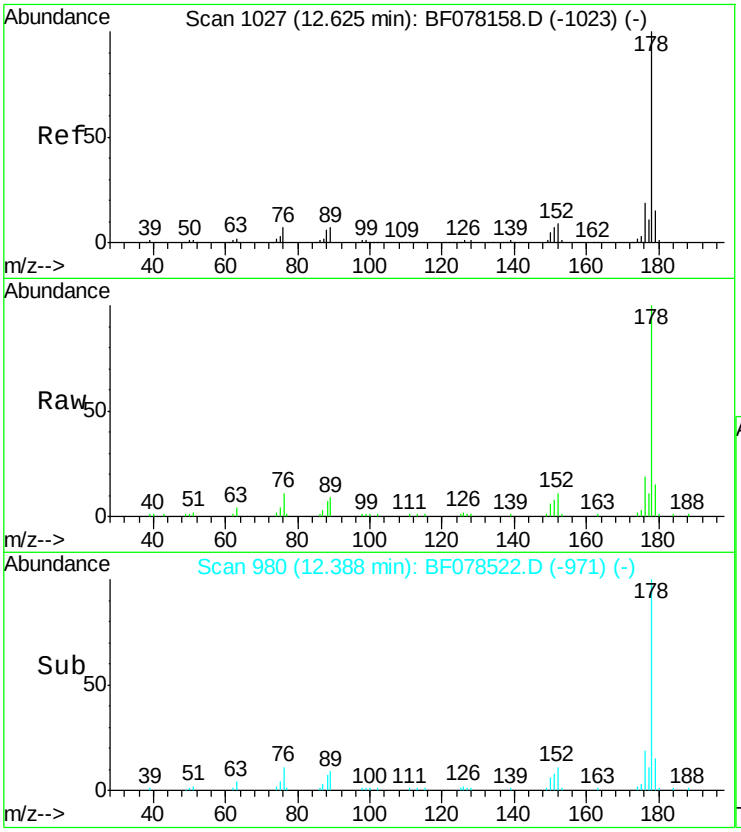


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Tgt Ion:188 Resp: 124374

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.2	9.5	14.3#



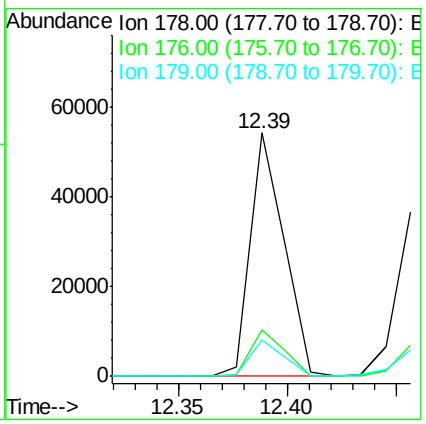


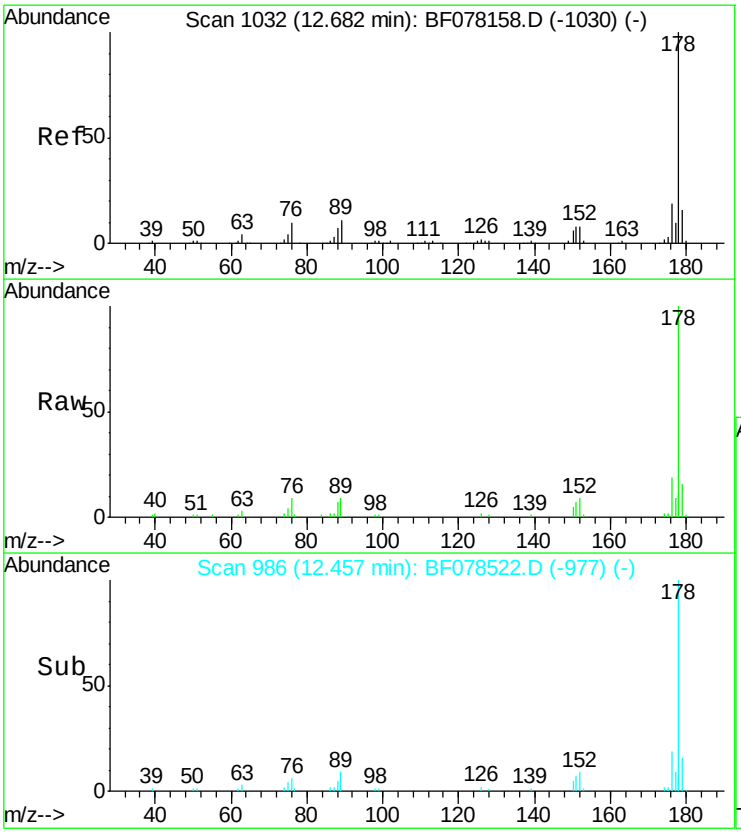
#70
Phenanthrene
Concen: 8.13 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:178 Resp: 58513

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.0	12.2	18.2

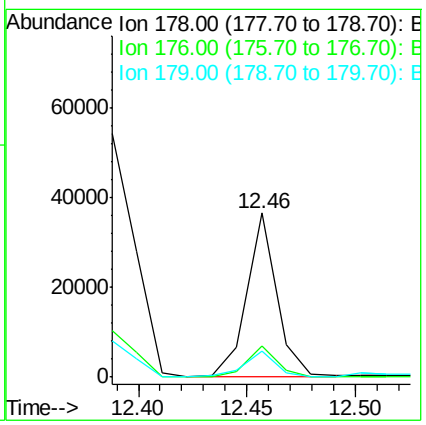


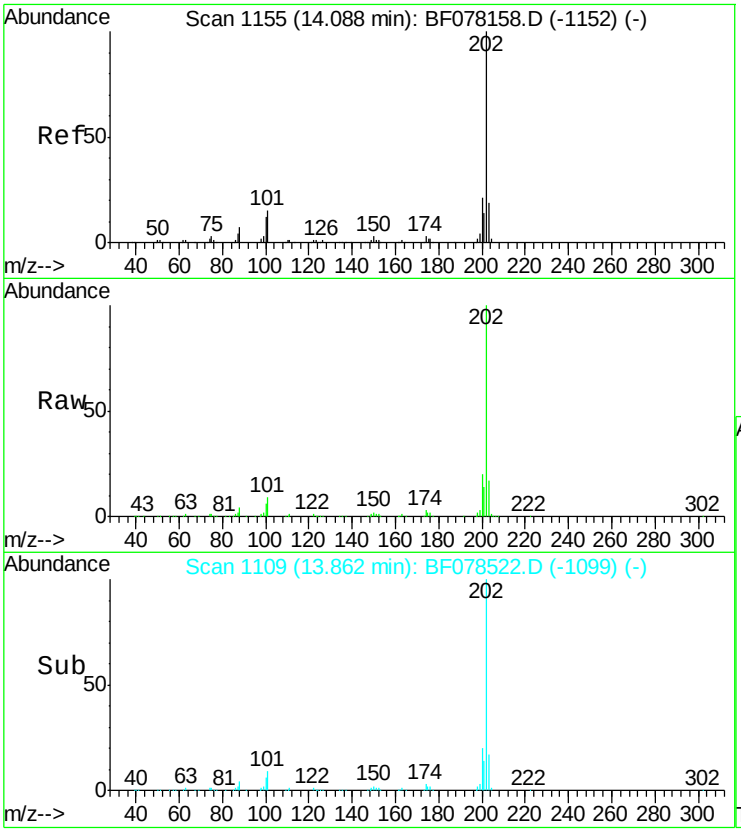


#71
Anthracene
Concen: 5.01 ng
RT: 12.46 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Tgt Ion:178 Resp: 35532

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	16.2	12.4	18.6



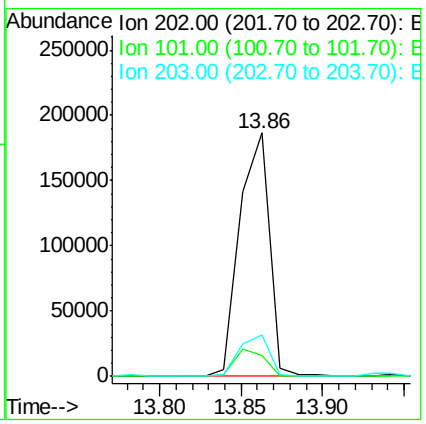


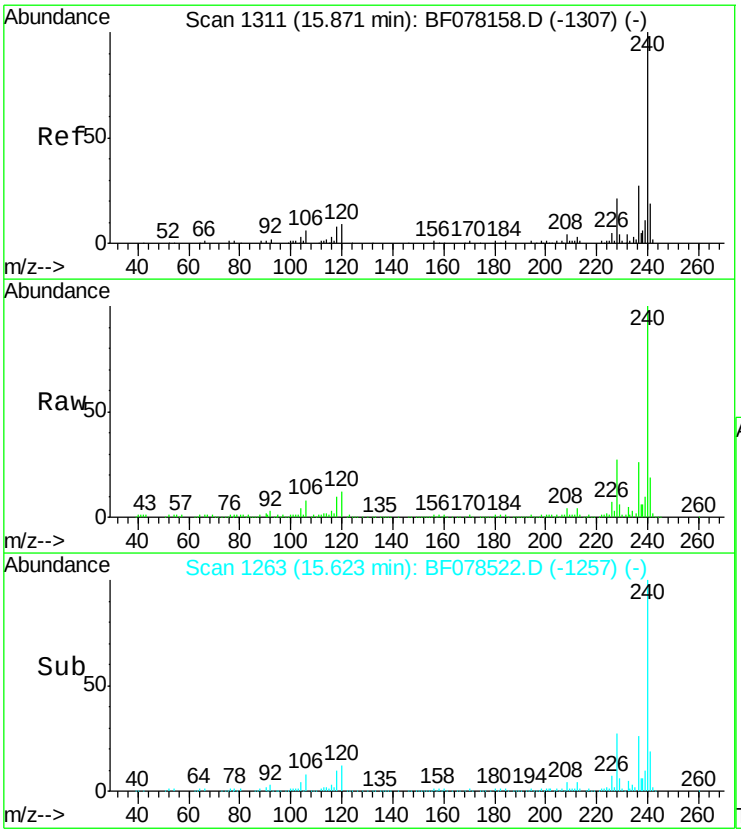
#74
Fluoranthene
Concen: 30.99 ng
RT: 13.86 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:202 Resp: 235120

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	35.2
203	17.2	0.0	38.5

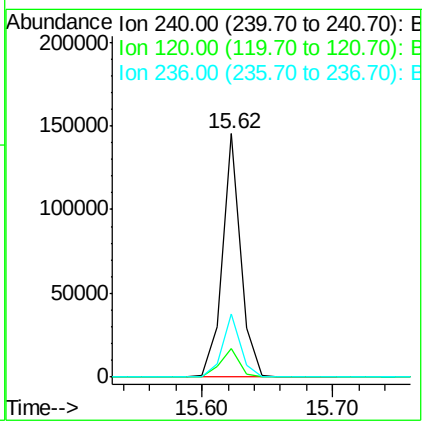


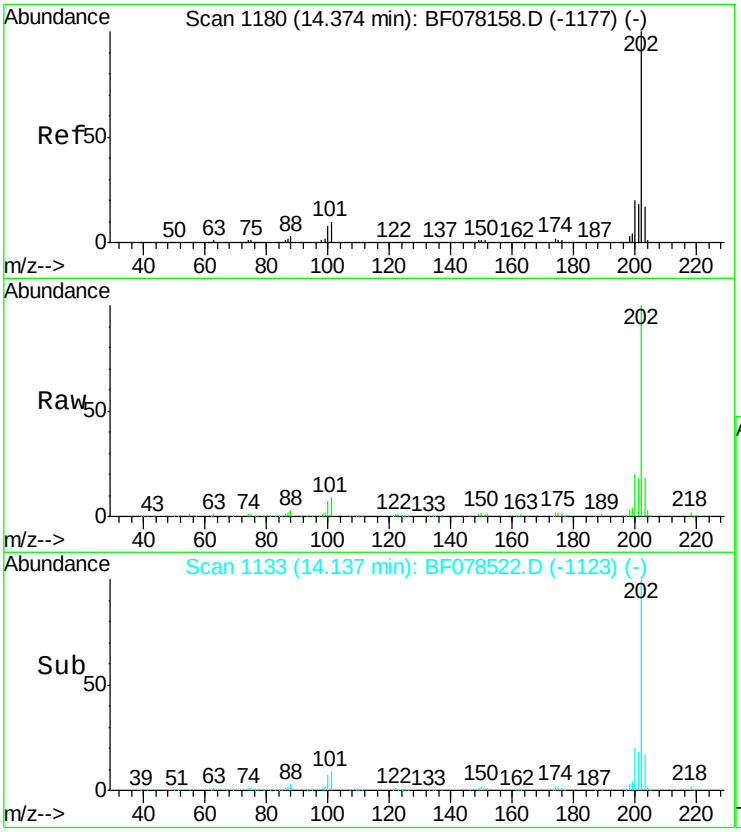


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Tgt Ion:240 Resp: 142681

Ion	Ratio	Lower	Upper
240	100		
120	11.6	7.1	10.7#
236	26.0	21.4	32.2



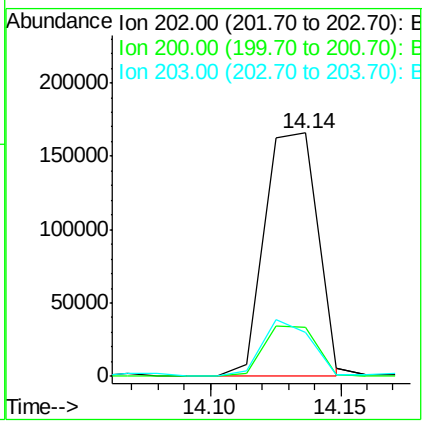


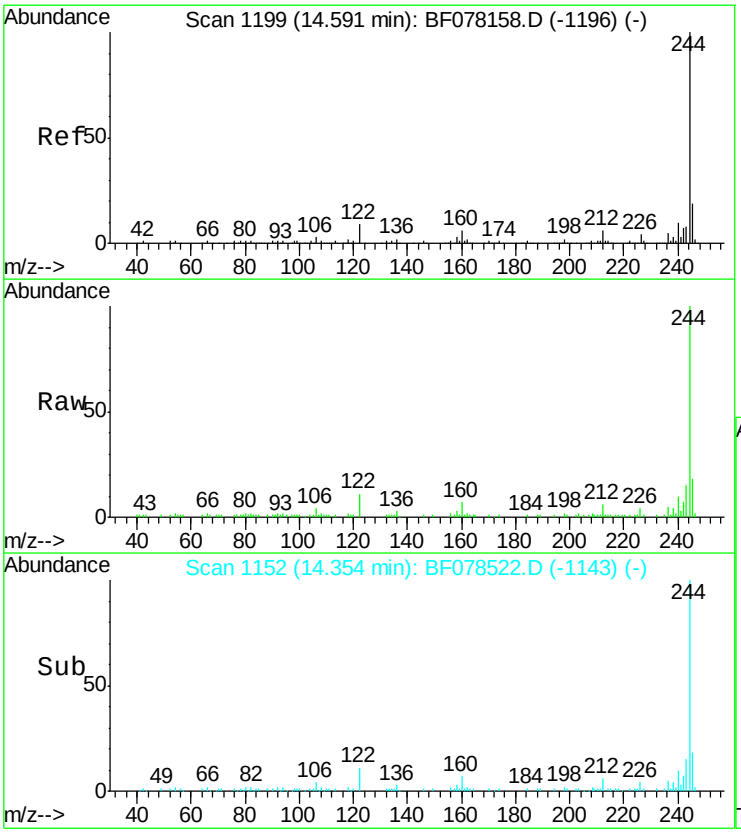
#77
Pyrene
Concen: 26.27 ng
RT: 14.14 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:202 Resp: 235277

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	18.0	13.8	20.6

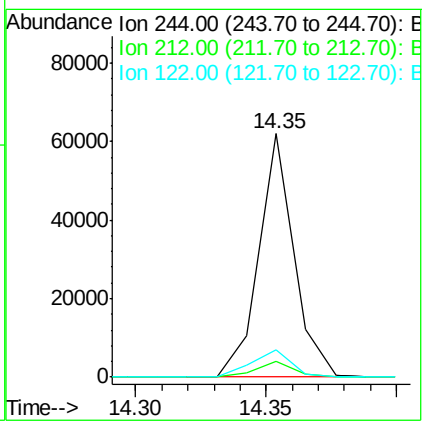


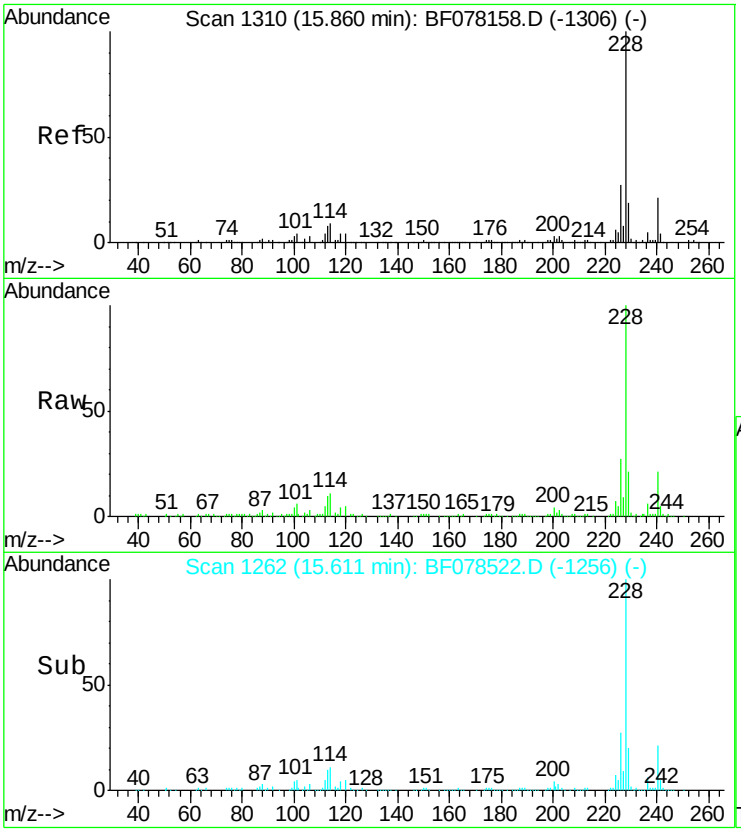


#78
Terphenyl-d14
Concen: 9.24 ng
RT: 14.35 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Tgt Ion:244 Resp: 58349

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	11.4	7.1	10.7#



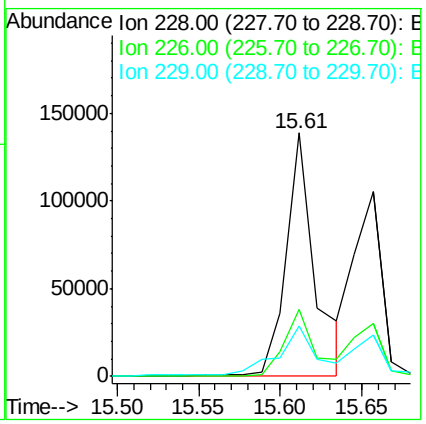


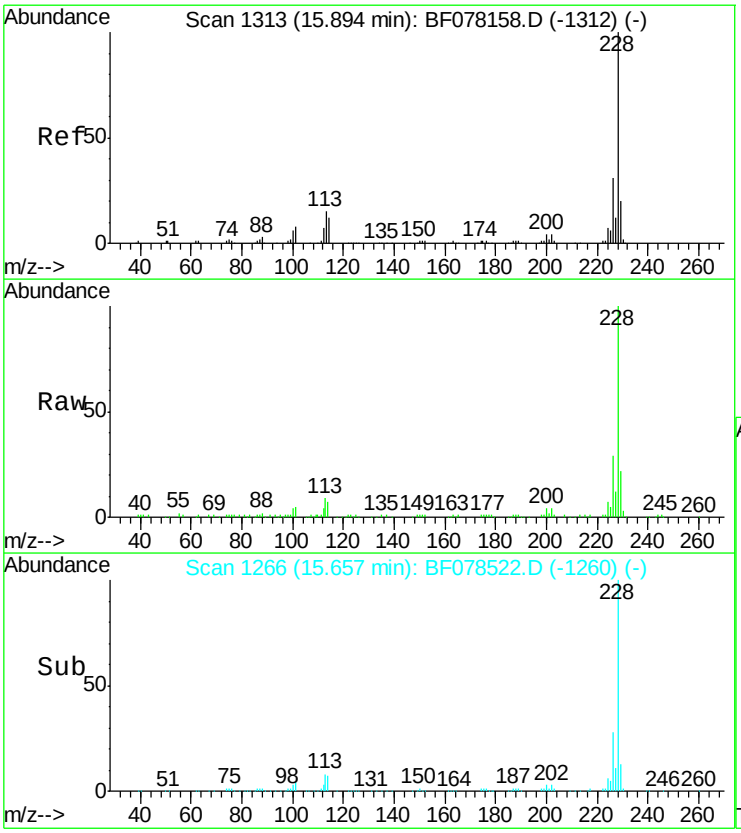
#80
Benzo(a)anthracene
Concen: 20.03 ng
RT: 15.61 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:228 Resp: 170039

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.3	31.9
229	20.6	15.4	23.2

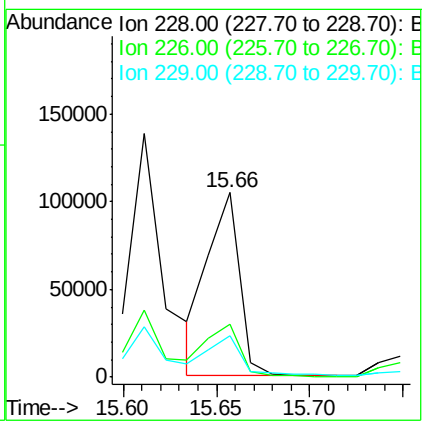


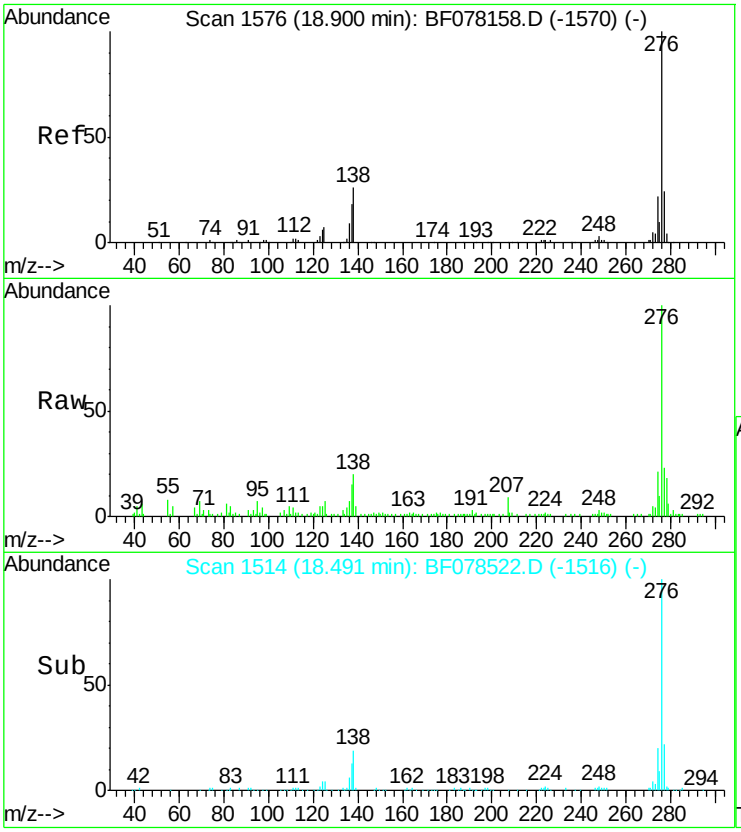


#82
Chrysene
Concen: 15.78 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Tgt Ion:228 Resp: 125836

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.4
229	22.2	15.8	23.8



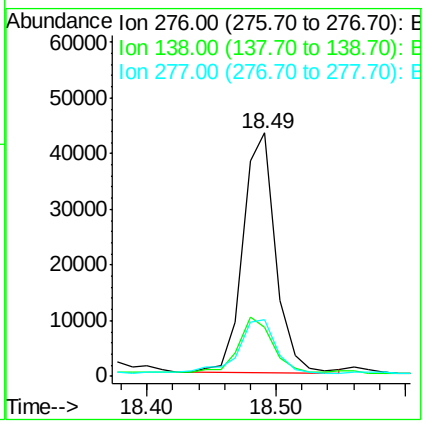


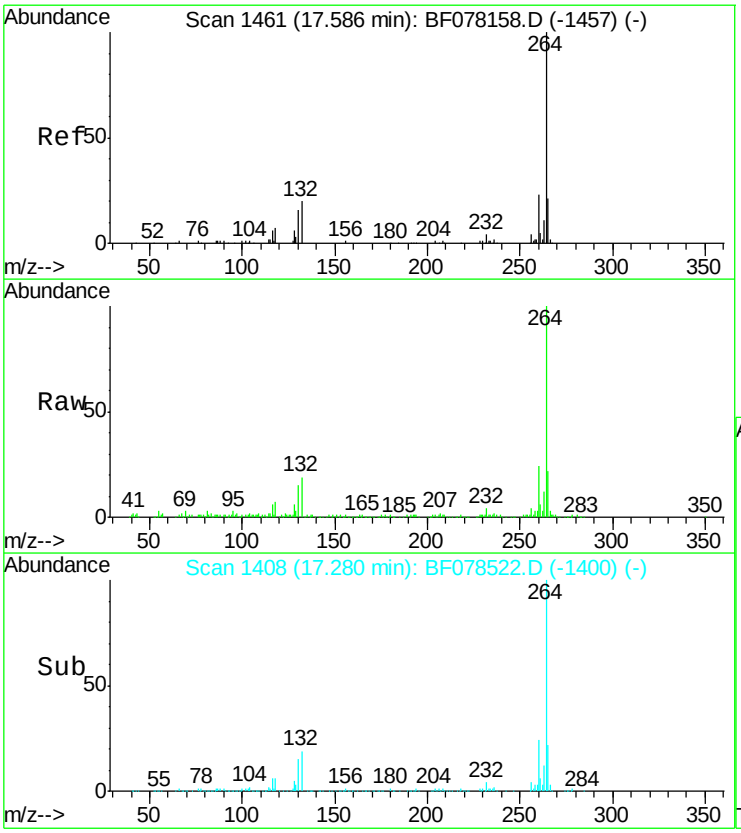
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.33 ng m
RT: 18.49 min Scan# 1514
Delta R.T. -0.32 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:276 Resp: 75415

Ion	Ratio	Lower	Upper
276	100		
138	22.5	16.9	25.3
277	23.4	15.8	23.6

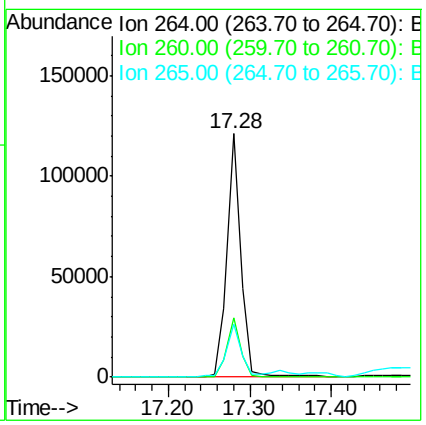


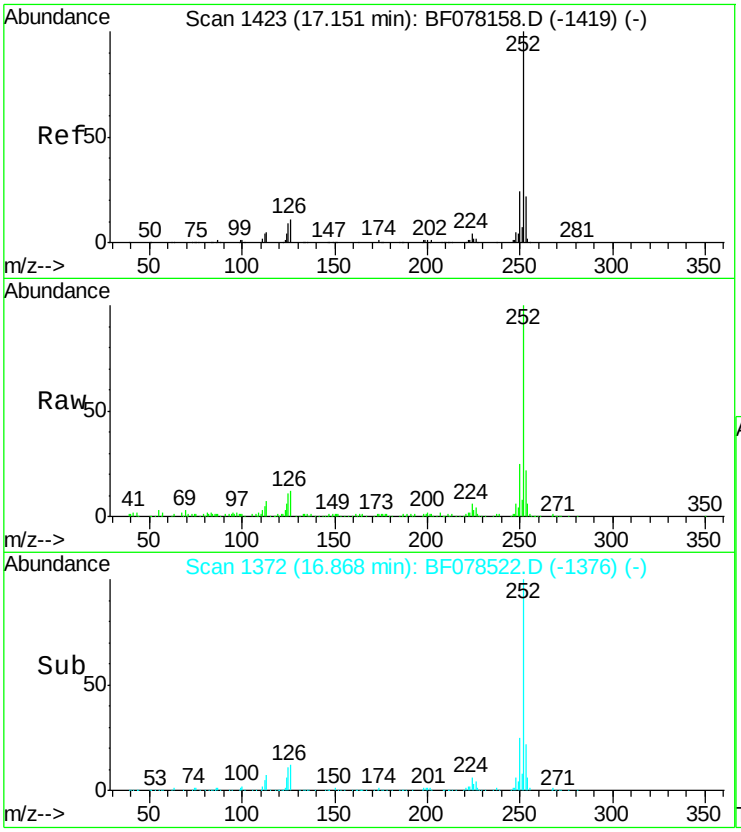


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.28 min Scan# 1408
Delta R.T. -0.21 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Tgt Ion:264 Resp: 144268

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	21.8	17.0	25.6



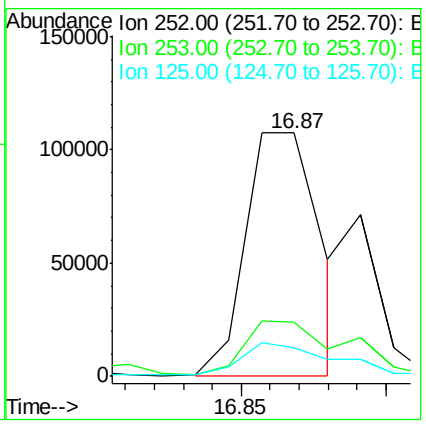


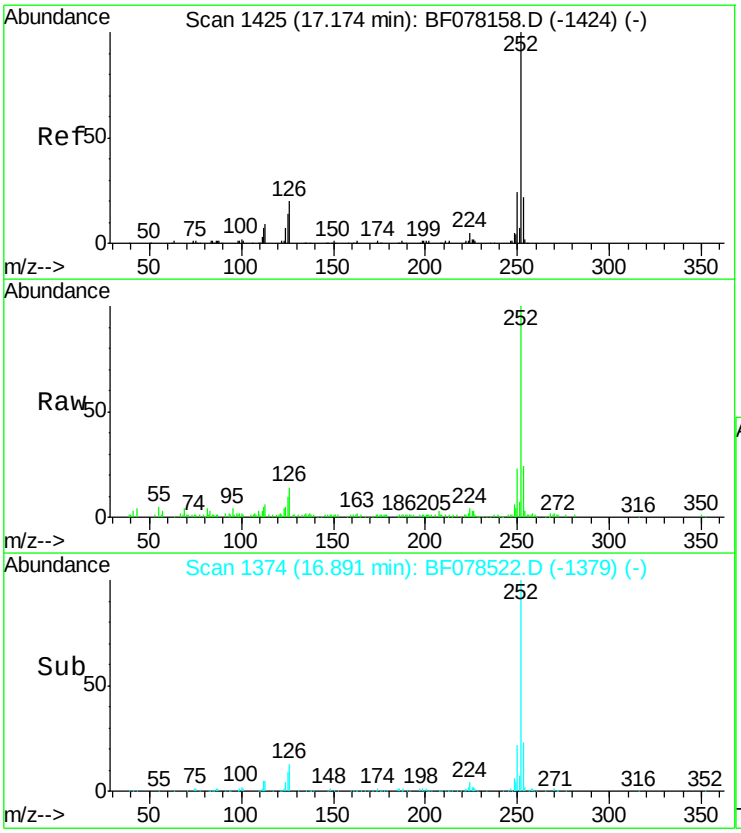
#87
Benzo(b)fluoranthene
Concen: 21.76 ng m
RT: 16.87 min Scan# 1372
Delta R.T. -0.15 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:252 Resp: 194029

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.5	7.0	10.4#

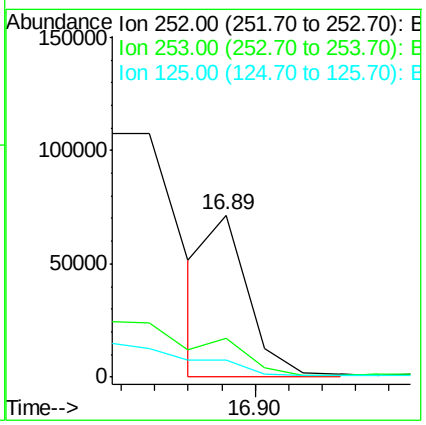


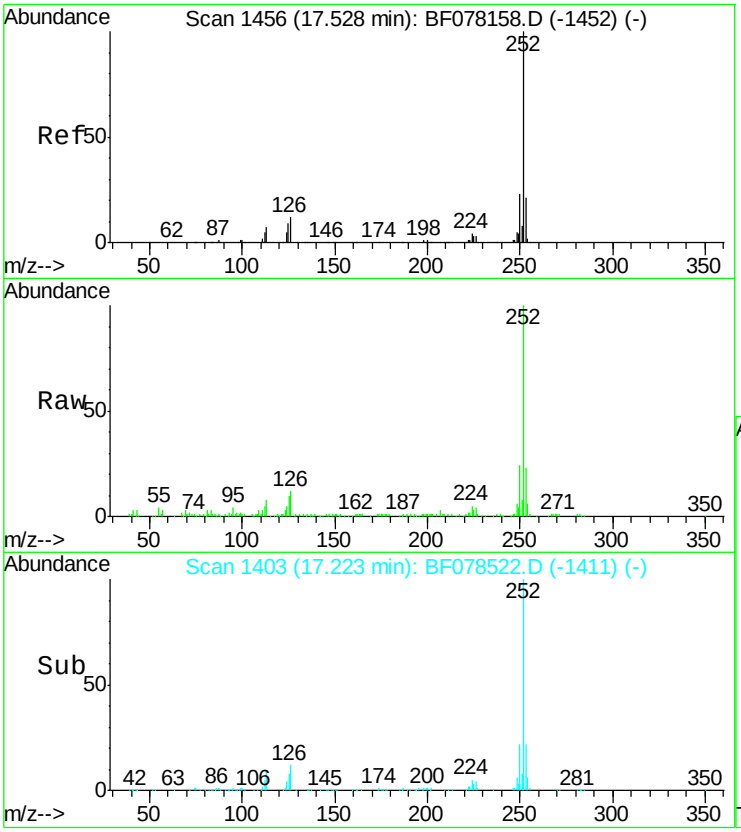


#88
Benzo(k)fluoranthene
Concen: 7.54 ng m
RT: 16.89 min Scan# 1374
Delta R.T. -0.16 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Tgt Ion:252 Resp: 59778

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	10.4	11.6	17.4#



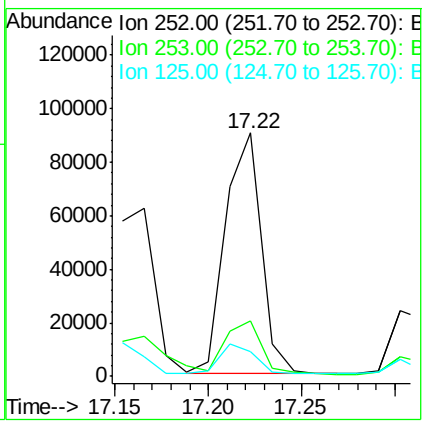


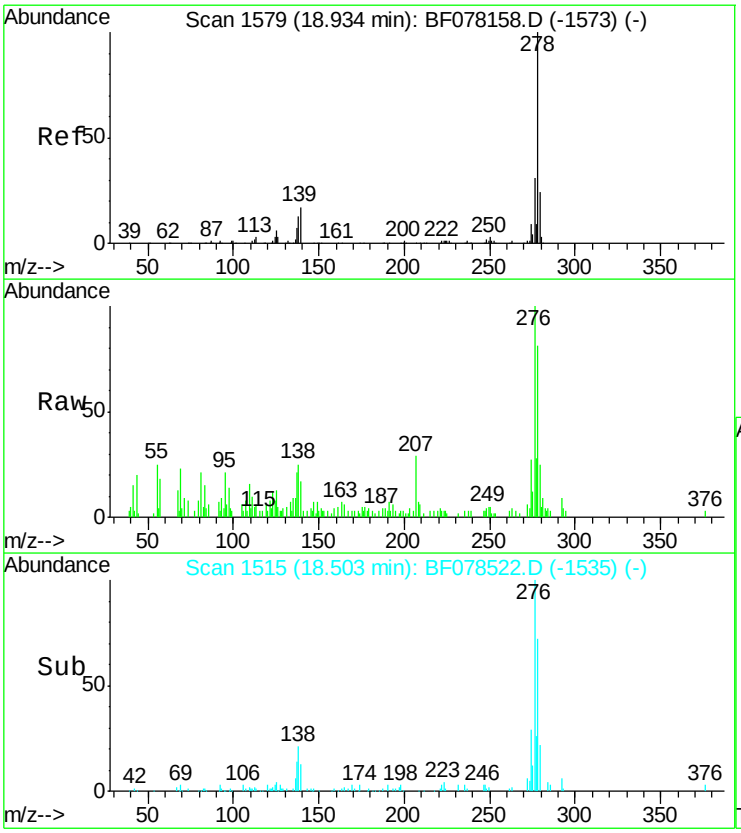
#89
Benzo(a)pyrene
Concen: 15.53 ng
RT: 17.22 min Scan# 1403
Delta R.T. -0.19 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:252 Resp: 120837

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.8	25.2
125	10.0	7.4	11.0

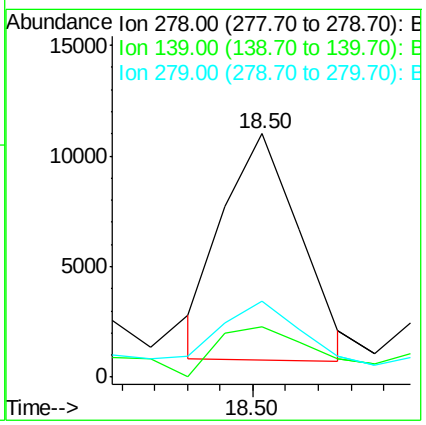


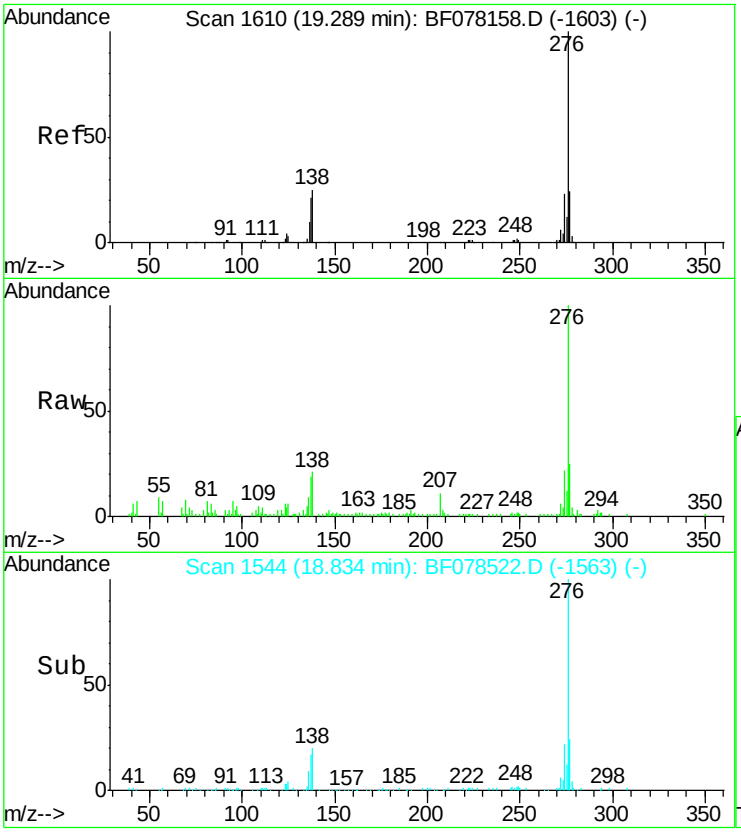


#90
Dibenzo(a,h)anthracene
Concen: 2.15 ng m
RT: 18.50 min Scan# 1515
Delta R.T. -0.33 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Tgt Ion:278 Resp: 16783

Ion	Ratio	Lower	Upper
278	100		
139	20.4	13.6	20.4#
279	31.4	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 9.11 ng m
RT: 18.83 min Scan# 1544
Delta R.T. -0.32 min
Lab File: BF078522.D
Acq: 15 Apr 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:276 Resp: 71147

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.4
138	21.4	19.9	29.9