Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078689.D
Acq On : 21 Apr 2015 18:01
Operator : TP/IZ
Sample : G1943-04RE 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-1RE

Quant Time: Apr 22 02:25:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 00:52:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	28641	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	123681	20.00	ng		-0.01
38) Acenaphthene-d10	11.16	164	64515	20.00	ng		-0.01
63) Phenanthrene-d10	13.90	188	123587	20.00	ng		-0.01
75) Chrysene-d12	17.77	240	132178	20.00	ng		-0.01
86) Perylene-d12	19.49	264	129900	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.85	112	7185	4.14	ng		0.02
7) Phenol-d6	5.34	99	9520	4.37	ng		0.01
23) Nitrobenzene-d5	6.75	82	5521	2.71	ng		-0.01
41) 2,4,6-Tribromophenol	12.64	330	2293	4.29	ng		-0.01
44) 2-Fluorobiphenyl	9.99	172	14425	3.20	ng		-0.01
78) Terphenyl-d14	16.43	244	16830	2.88	ng		0.00
Target Compounds							Qvalue
51) Acenaphthene	11.22	154	8407	2.23	ng		97
55) 4-Nitrophenol	11.55	139	2849	6.06	ng	#	18
57) Fluorene	12.18	166	13728	2.94	ng		99
70) Phenanthrene	13.94	178	293781	41.09	ng		100
71) Anthracene	14.03	178	79593	11.30	ng		99
72) Carbazole	14.37	167	24504	3.71	ng		98
74) Fluoranthene	15.84	202	577070	76.54	ng		93
77) Pyrene	16.15	202	530898	63.98	ng	#	94
80) Benzo(a)anthracene	17.76	228	286635	36.45	ng		99
82) Chrysene	17.81	228	216413	29.29	ng		98
85) Indeno(1,2,3-cd)pyrene	20.55	276	30993	3.70	ng		96
87) Benzo(b)fluoranthene	19.06	252	396270	49.36	ng	#	96
88) Benzo(k)fluoranthene	19.06	252	396637	55.59	ng	#	96
89) Benzo(a)pyrene	19.43	252	207430	29.61	ng		97
90) Dibenzo(a,h)anthracene	20.69	278	32262	4.60	ng	#	91
91) Benzo(g,h,i)perylene	20.98	276	132850	18.89	ng		96

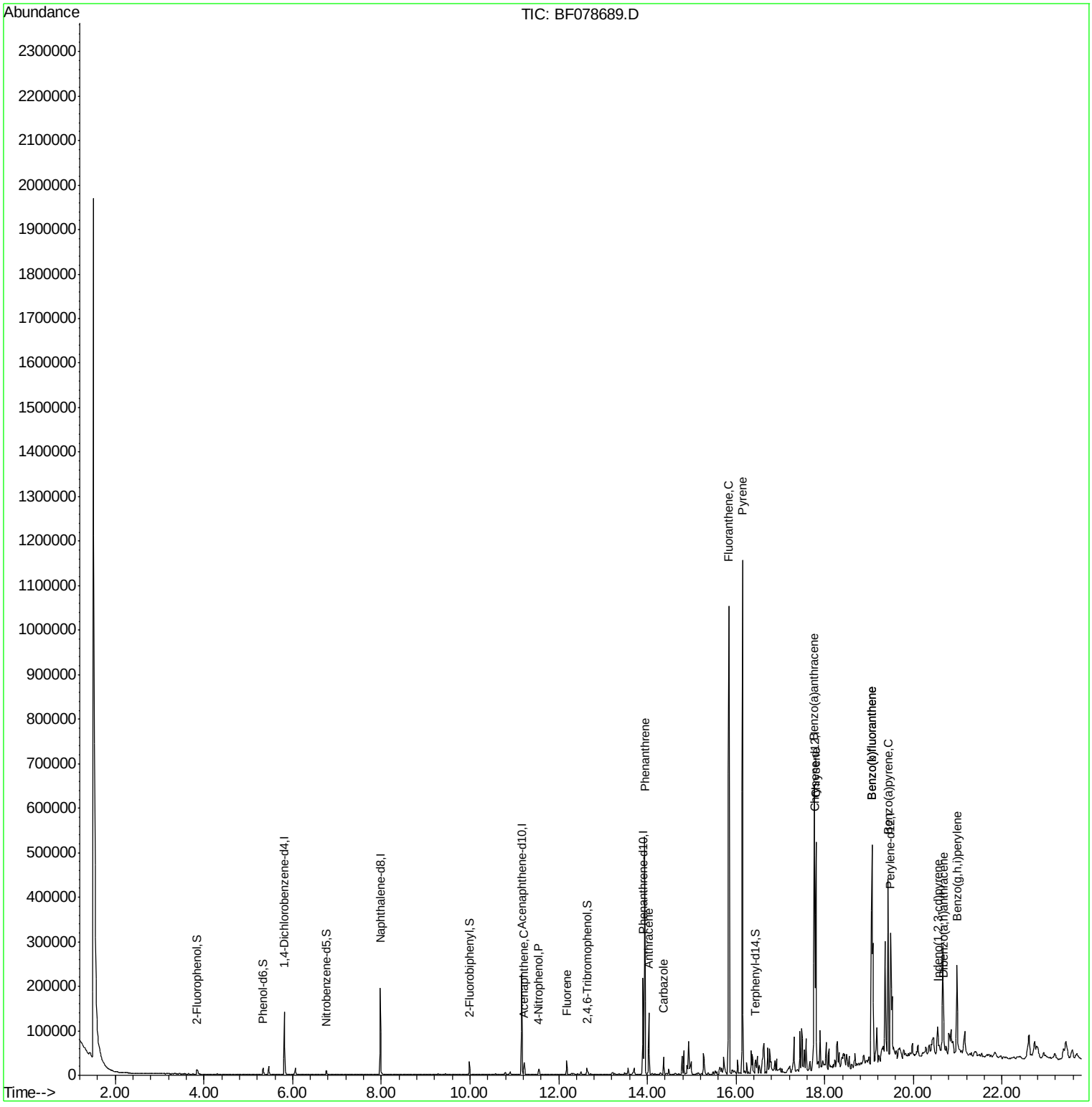
(#) = qualifier out of range (m) = manual integration (+) = signals summed

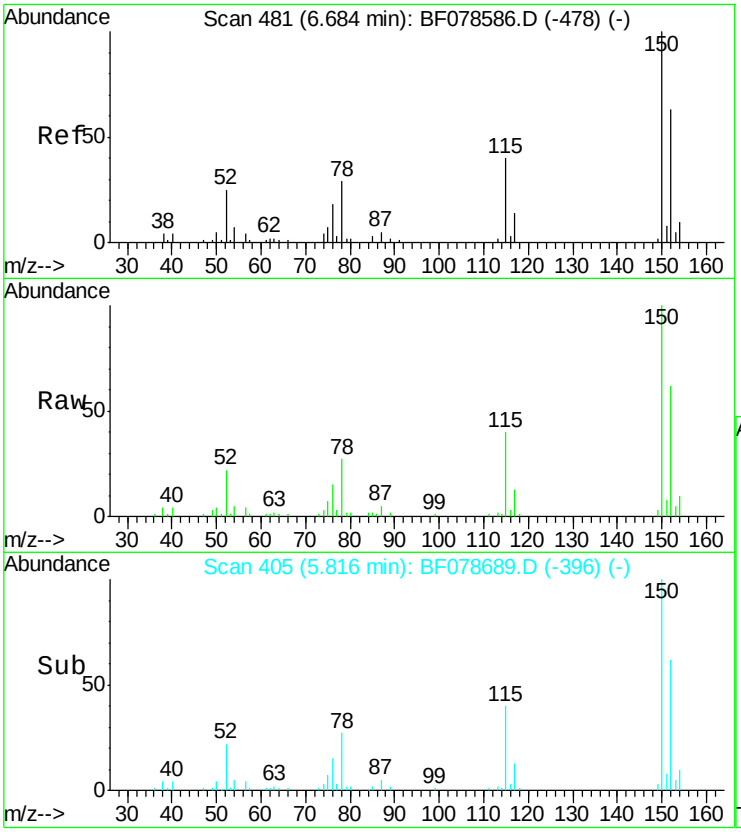
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078689.D
Acq On : 21 Apr 2015 18:01
Operator : TP/IZ
Sample : G1943-04RE 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Quant Time: Apr 22 02:25:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 00:52:13 2015
Response via : Initial Calibration



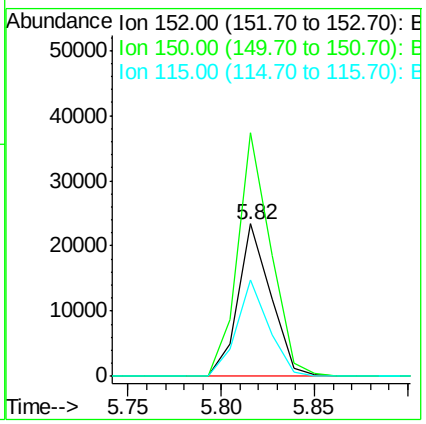


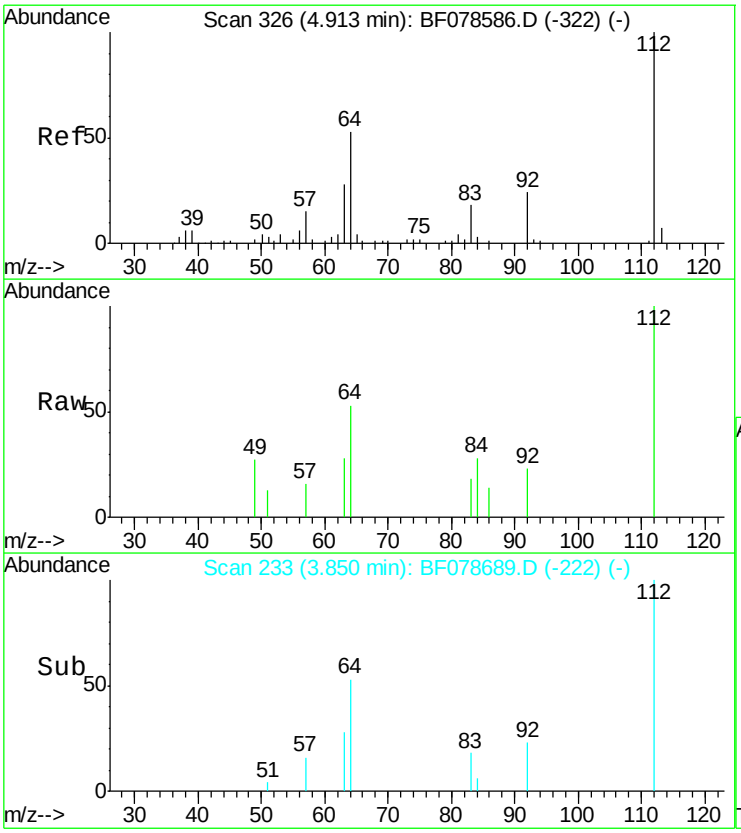
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion:152 Resp: 28641

Ion	Ratio	Lower	Upper
152	100		
150	160.1	125.9	188.9
115	63.7	52.7	79.1

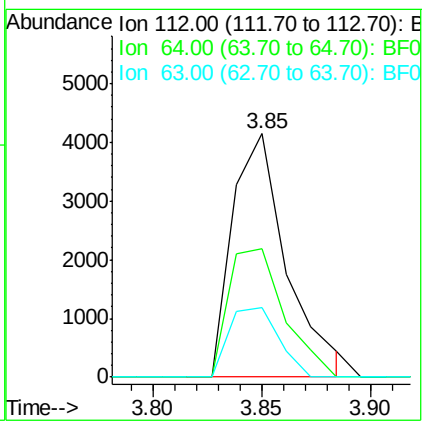


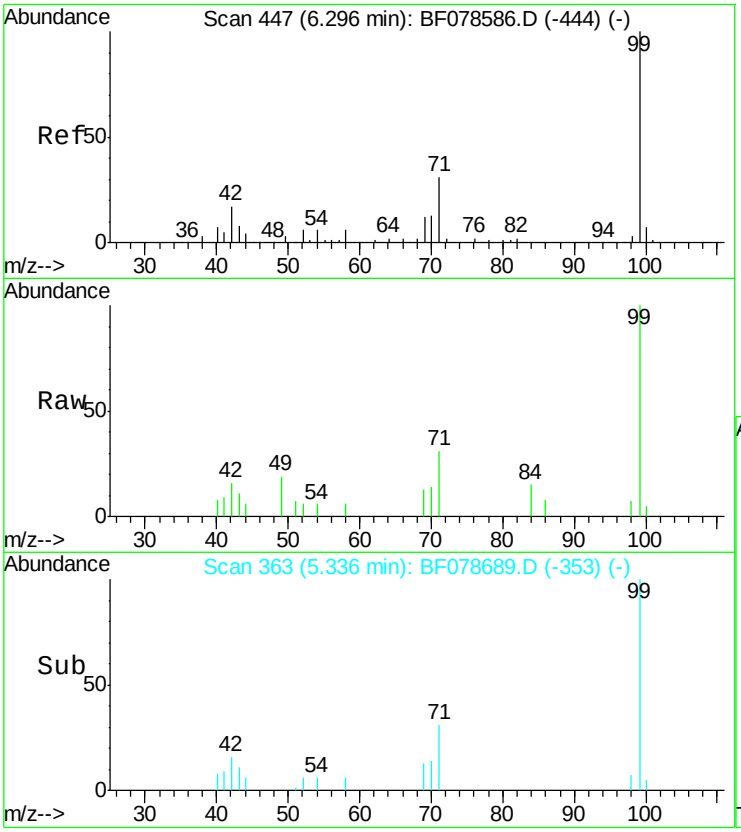


#5
2-Fluorophenol
Concen: 4.14 ng
RT: 3.85 min Scan# 233
Delta R.T. 0.02 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:112 Resp: 7185

Ion	Ratio	Lower	Upper
112	100		
64	52.8	39.9	59.9
63	28.4	20.2	30.4



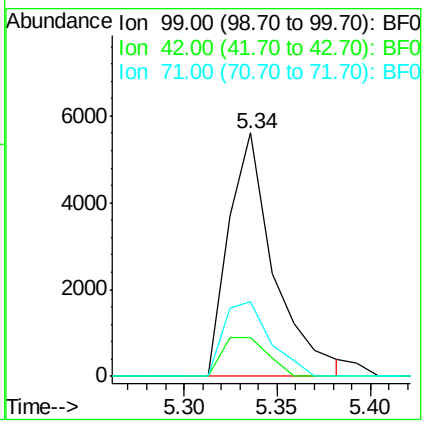


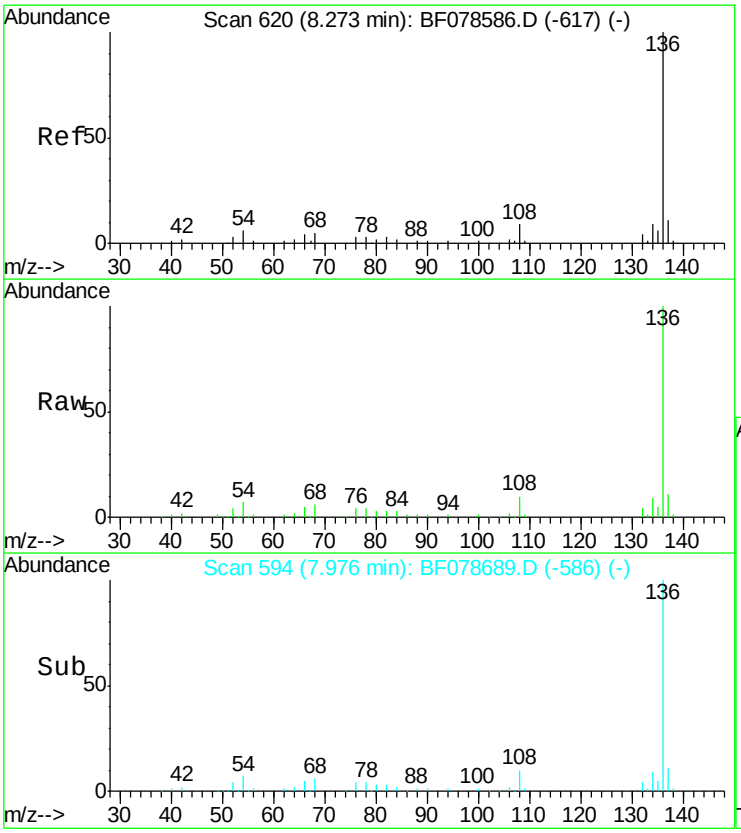
#7
Phenol-d6
Concen: 4.37 ng
RT: 5.34 min Scan# 363
Delta R.T. 0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion: 99 Resp: 9520

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.8	22.2
71	30.7	26.6	39.8

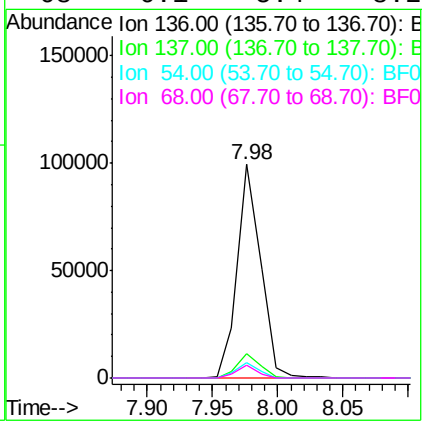


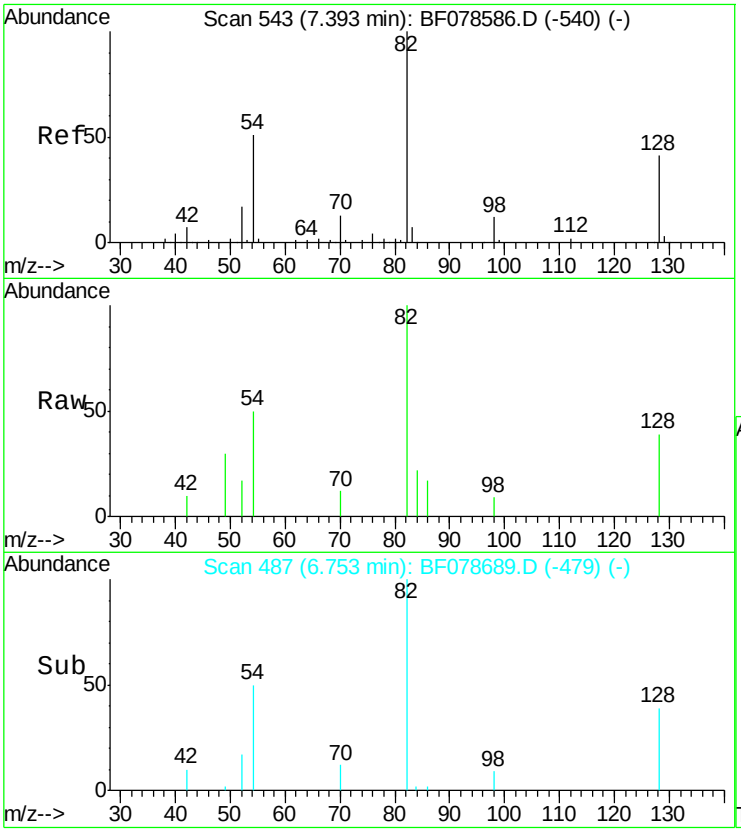


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:136 Resp: 123681

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.4	7.0	10.6
68	6.1	5.4	8.2



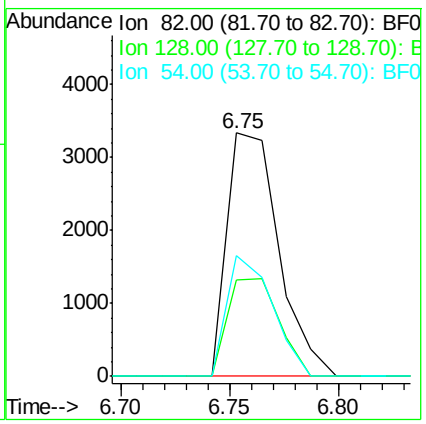


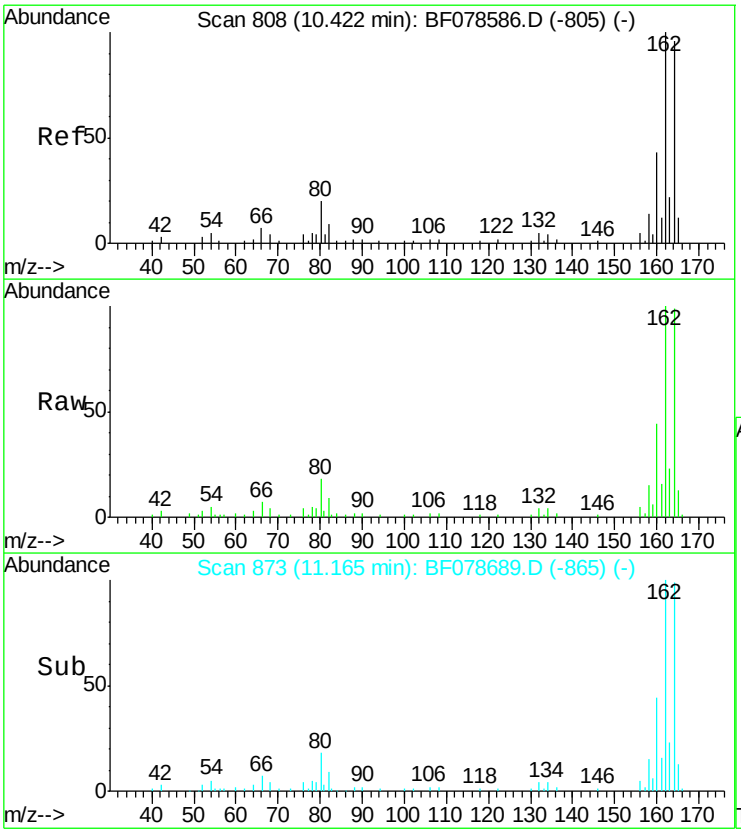
#23
Nitrobenzene-d5
Concen: 2.71 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion: 82 Resp: 5521

Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.8	47.8
54	49.6	41.5	62.3

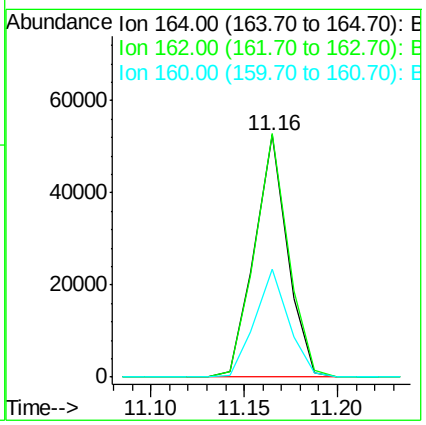


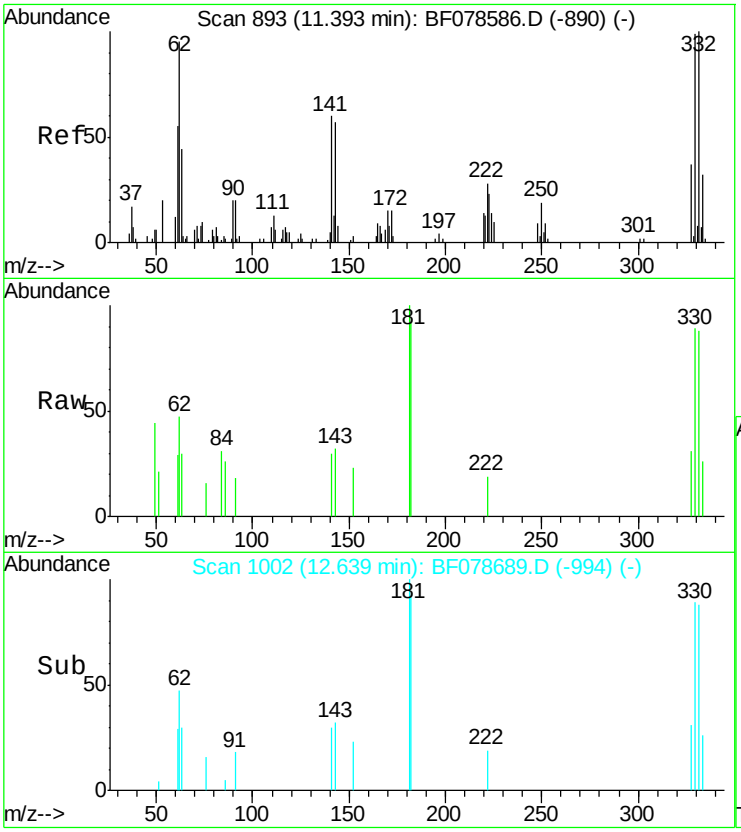


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:164 Resp: 64515

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.2	123.2
160	44.5	34.7	52.1



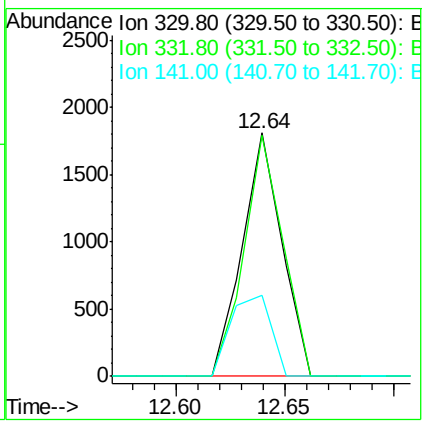


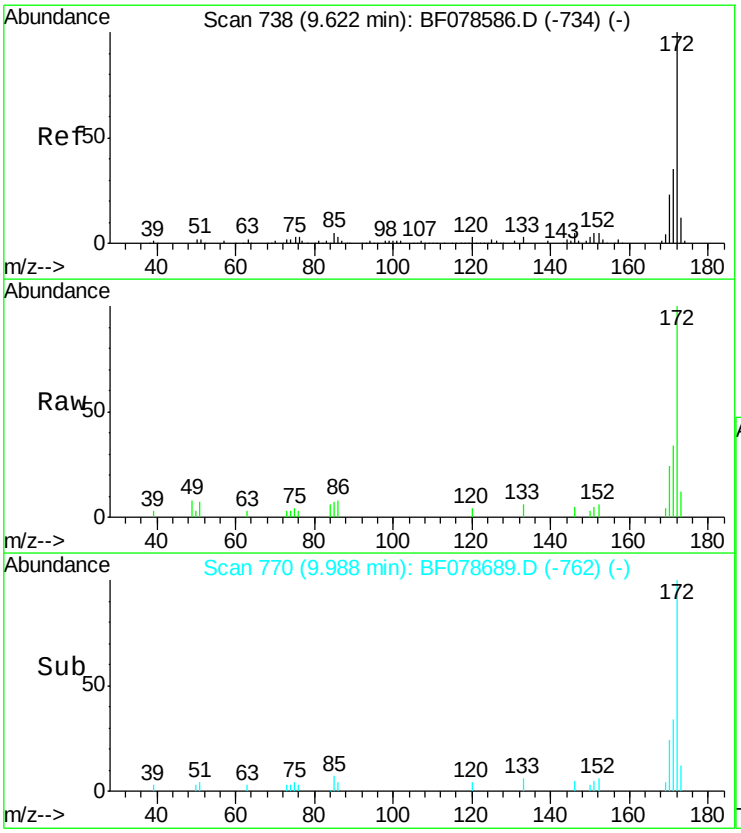
#41
2,4,6-Tribromophenol
Concen: 4.29 ng
RT: 12.64 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion:330 Resp: 2293

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.6	117.8
141	33.9	31.2	46.8

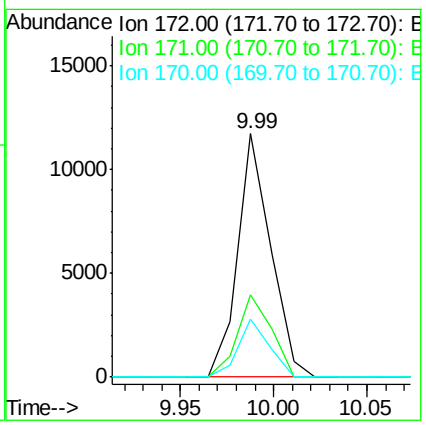


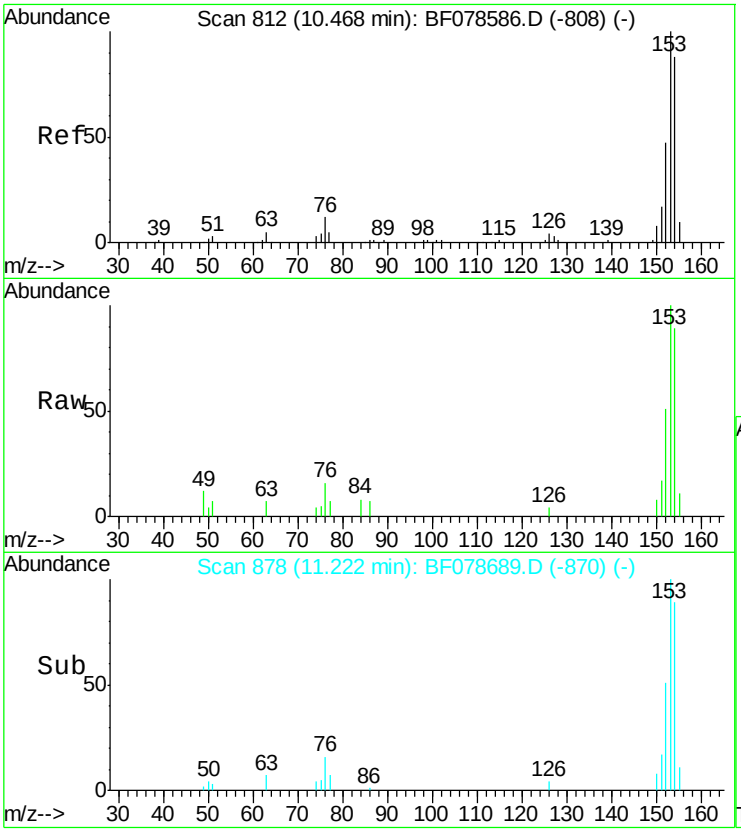


#44
2-Fluorobiphenyl
Concen: 3.20 ng
RT: 9.99 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:172 Resp: 14425

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	42.8
170	23.7	18.5	27.7



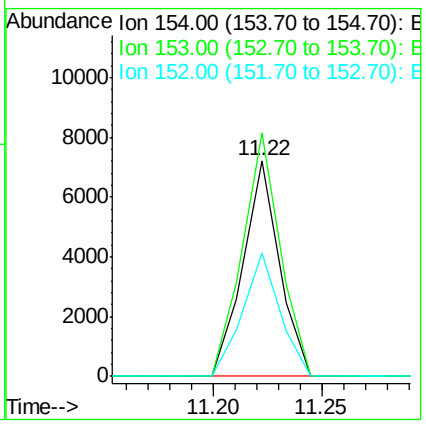


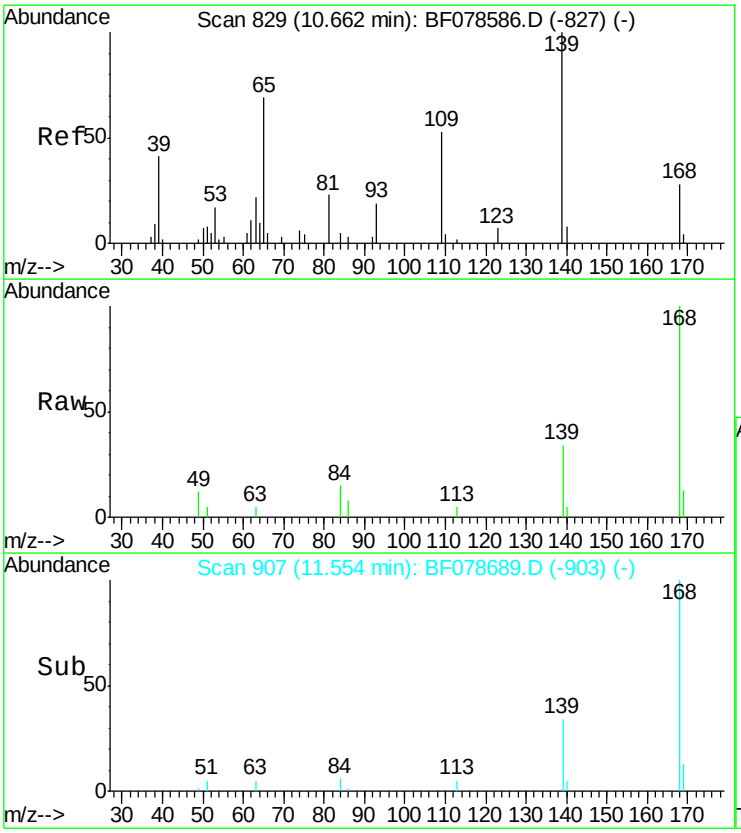
#51
Acenaphthene
Concen: 2.23 ng
RT: 11.22 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion:154 Resp: 8407

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.4	137.2
152	57.3	43.0	64.6

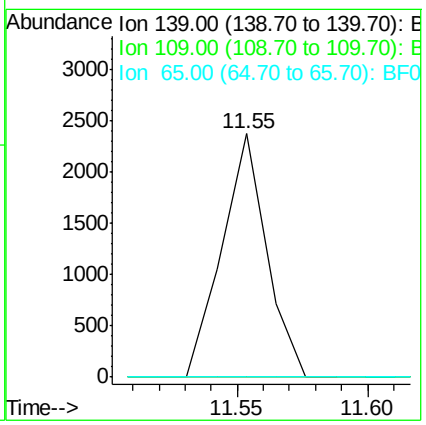


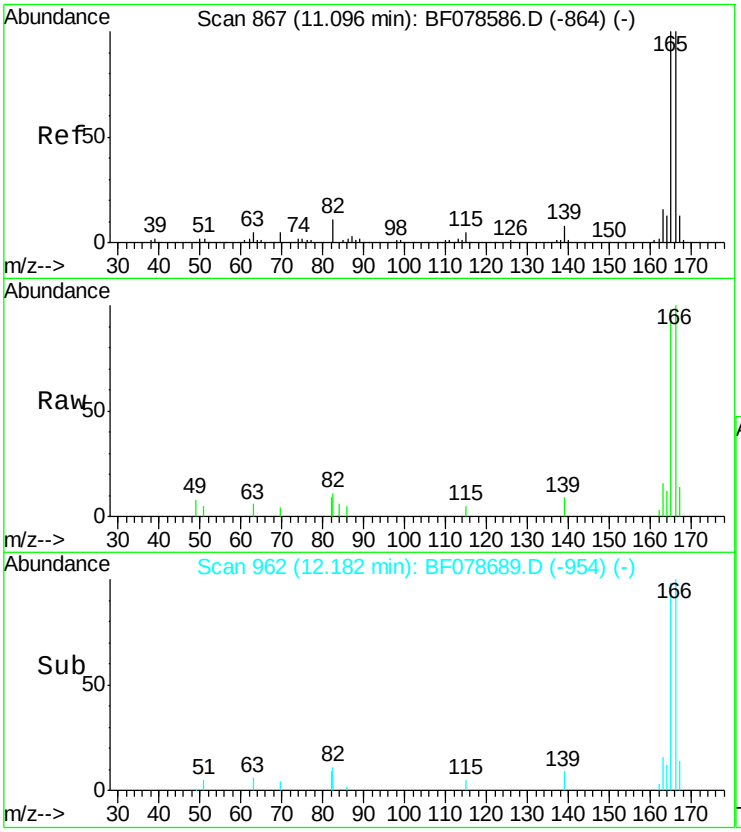


#55
4-Nitrophenol
Concen: 6.06 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.06 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:139 Resp: 2849

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



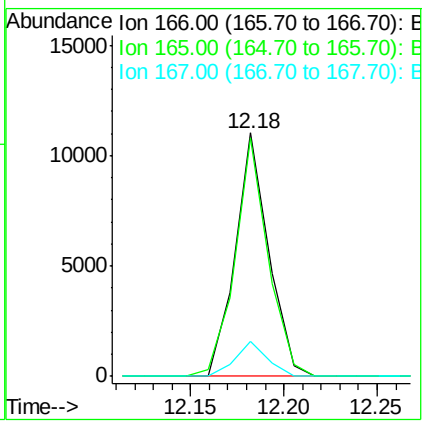


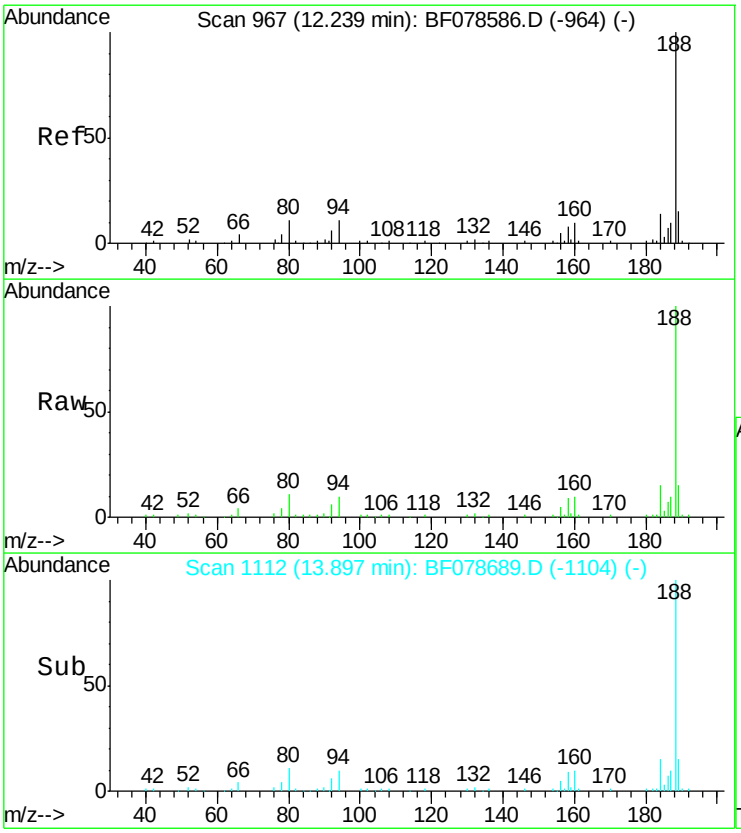
#57
Fluorene
Concen: 2.94 ng
RT: 12.18 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion:166 Resp: 13728

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.9	118.3
167	14.1	10.7	16.1

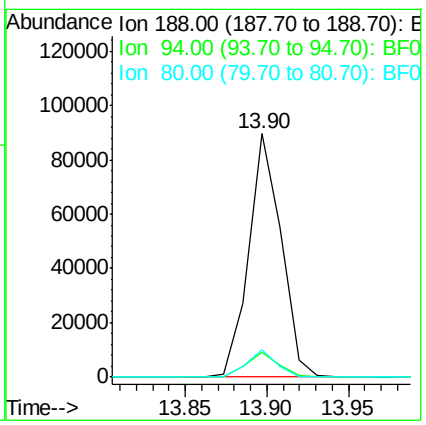


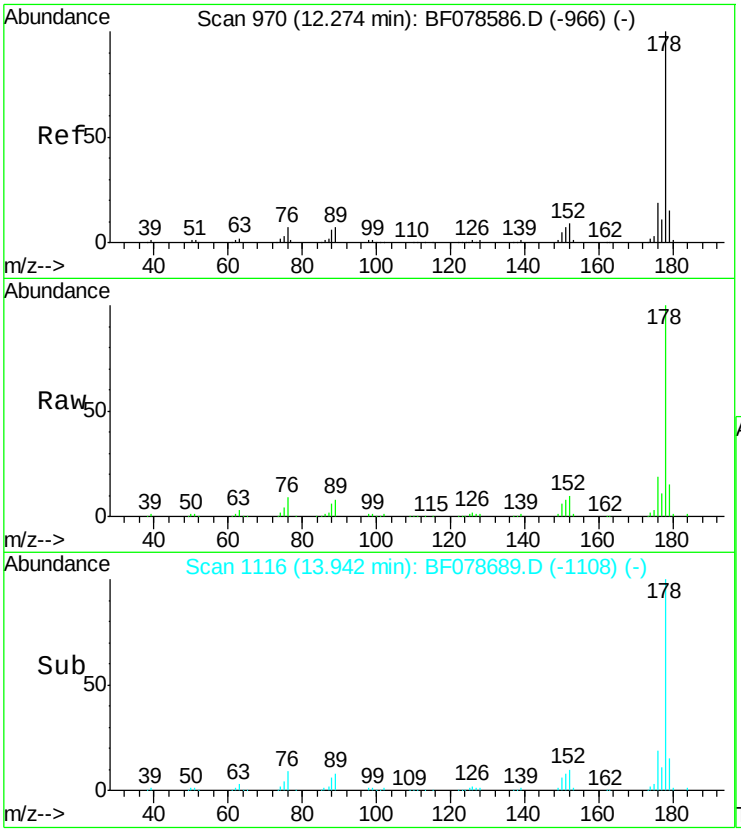


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:188 Resp: 123587

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.4
80	11.0	9.5	14.3



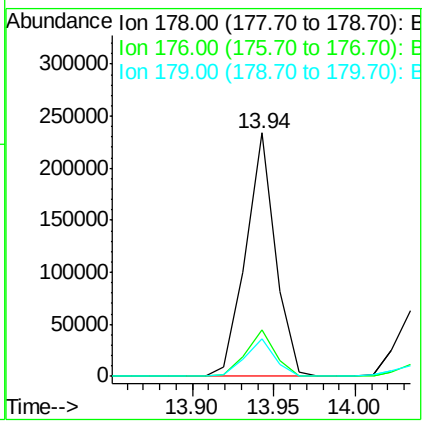


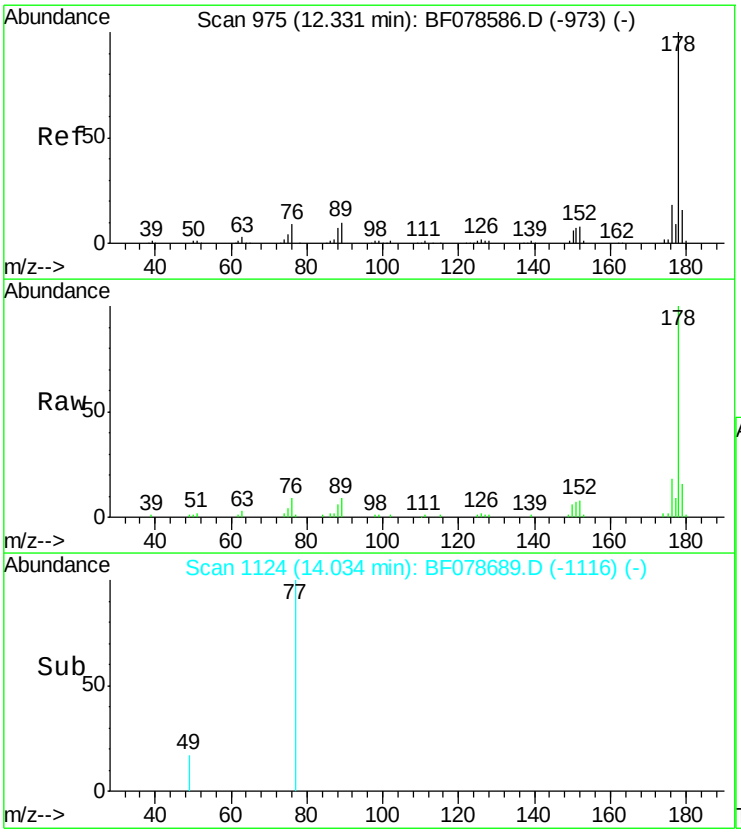
#70
Phenanthrene
Concen: 41.09 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion:178 Resp: 293781

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.3	12.2	18.2

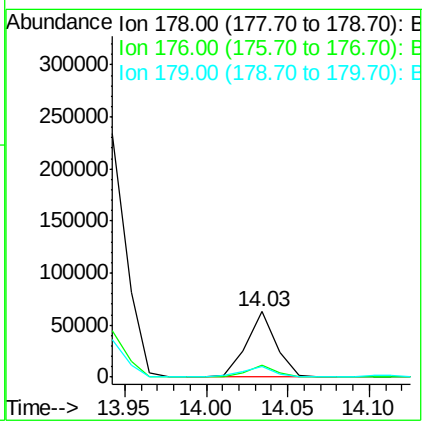


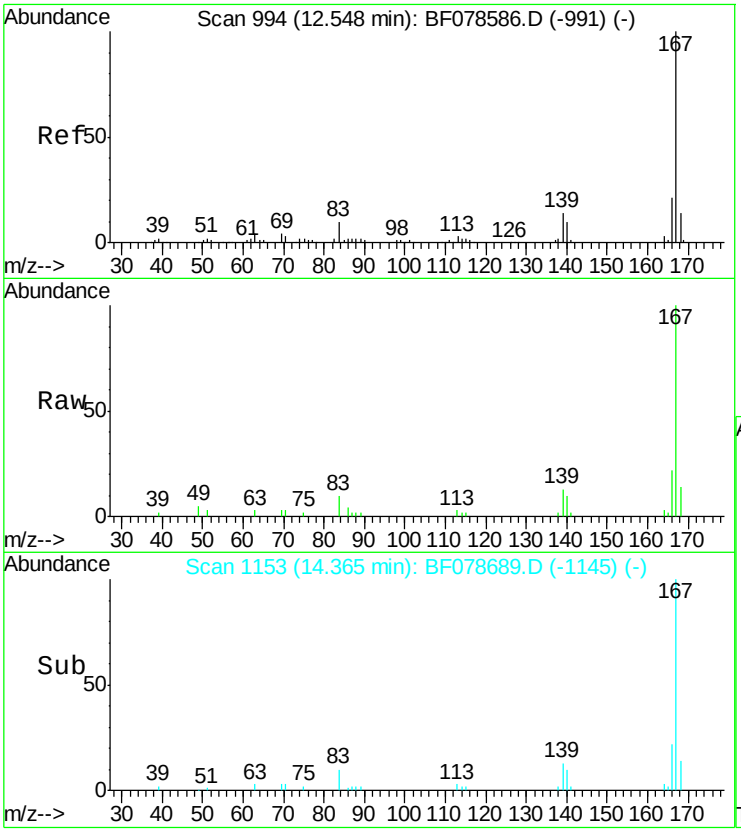


#71
Anthracene
Concen: 11.30 ng
RT: 14.03 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:178 Resp: 79593

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.8	22.2
179	15.5	12.4	18.6



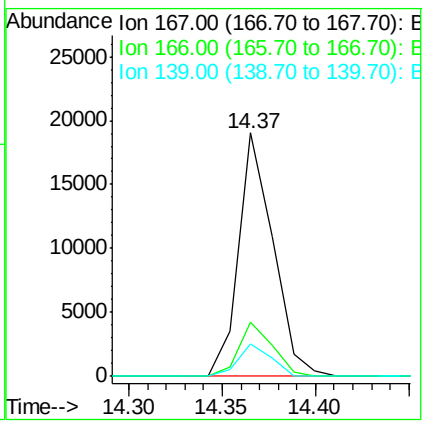


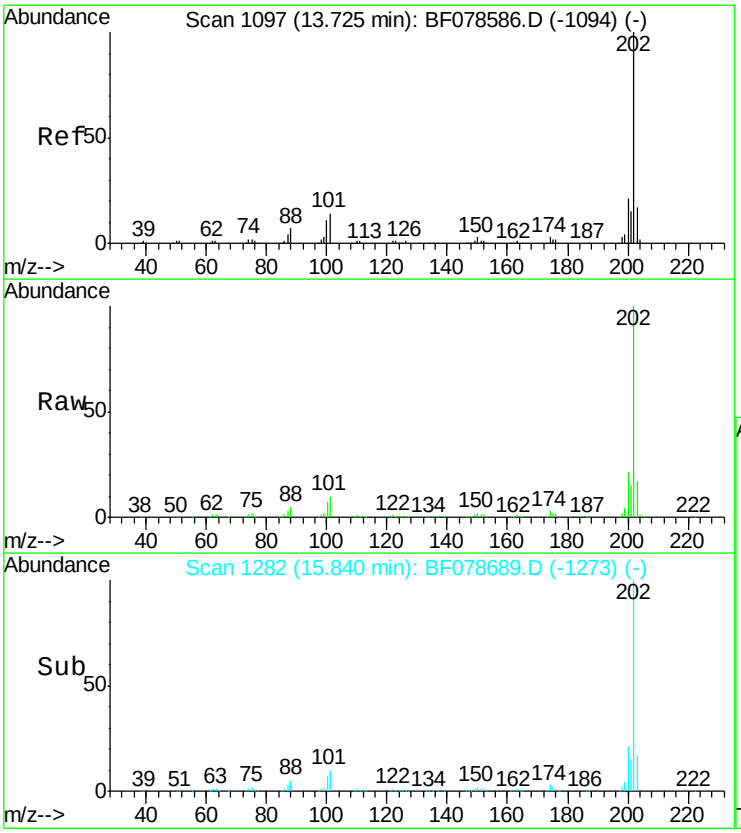
#72
Carbazole
Concen: 3.71 ng
RT: 14.37 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion:167 Resp: 24504

Ion	Ratio	Lower	Upper
167	100		
166	22.2	16.8	25.2
139	13.3	10.0	15.0

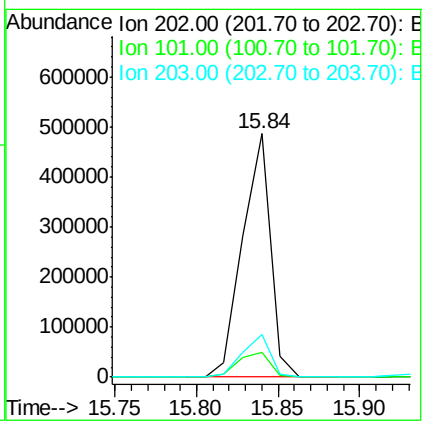


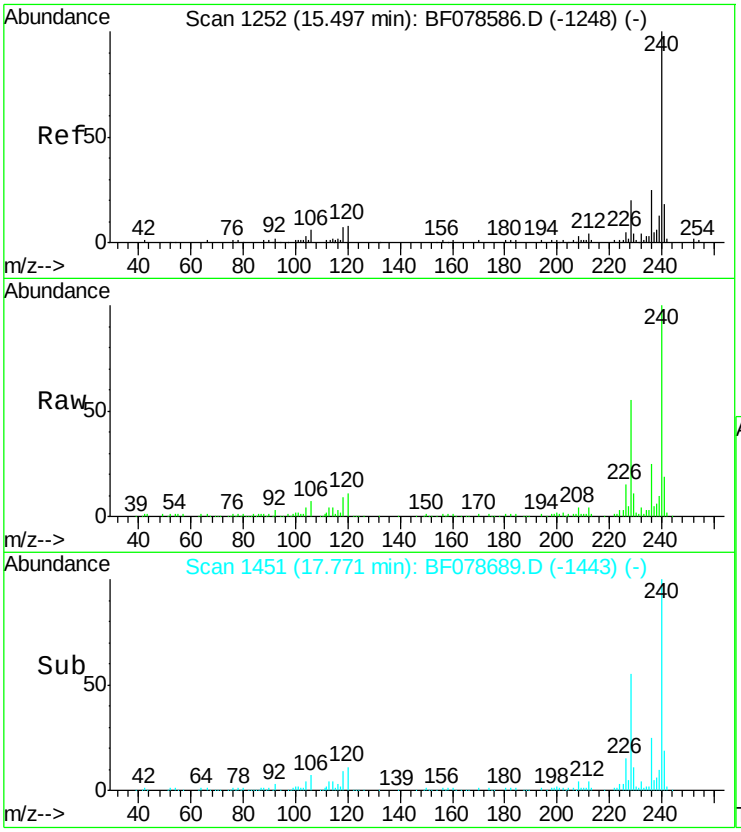


#74
Fluoranthene
Concen: 76.54 ng
RT: 15.84 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:202 Resp: 577070

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	35.2
203	17.5	0.0	38.5



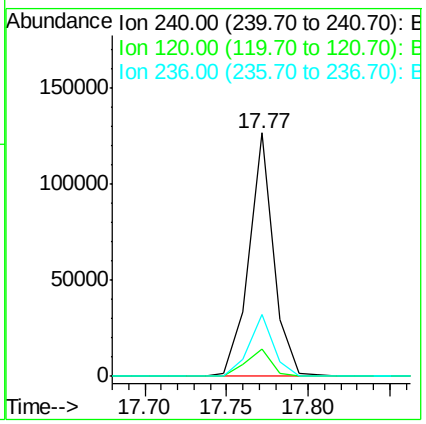


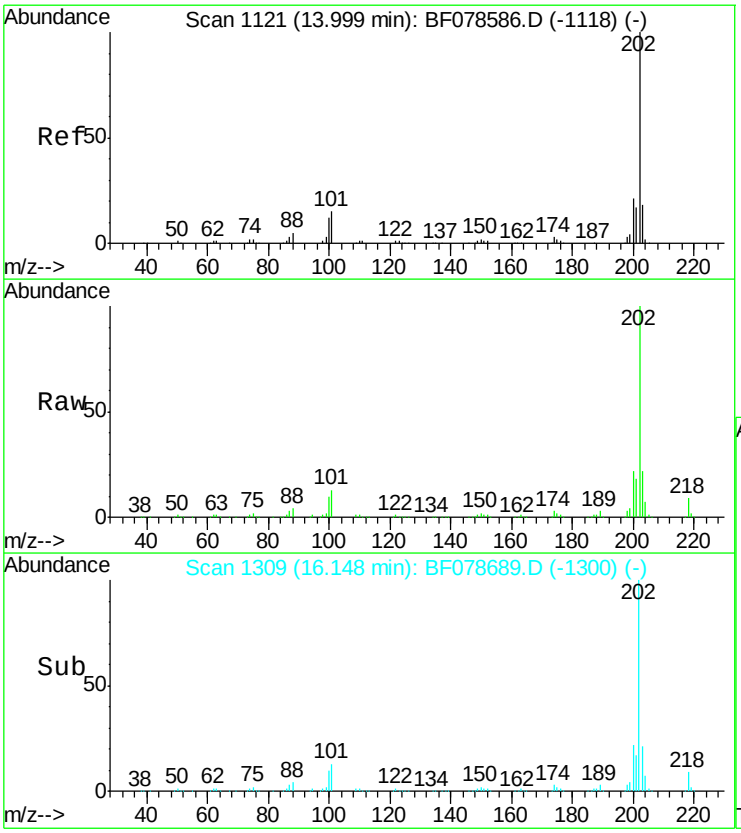
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion:240 Resp: 132178

Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.1	10.7#
236	25.2	21.4	32.2

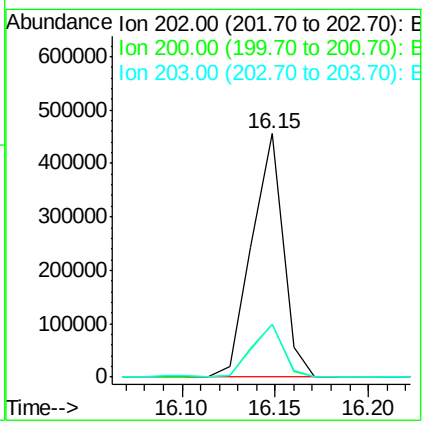


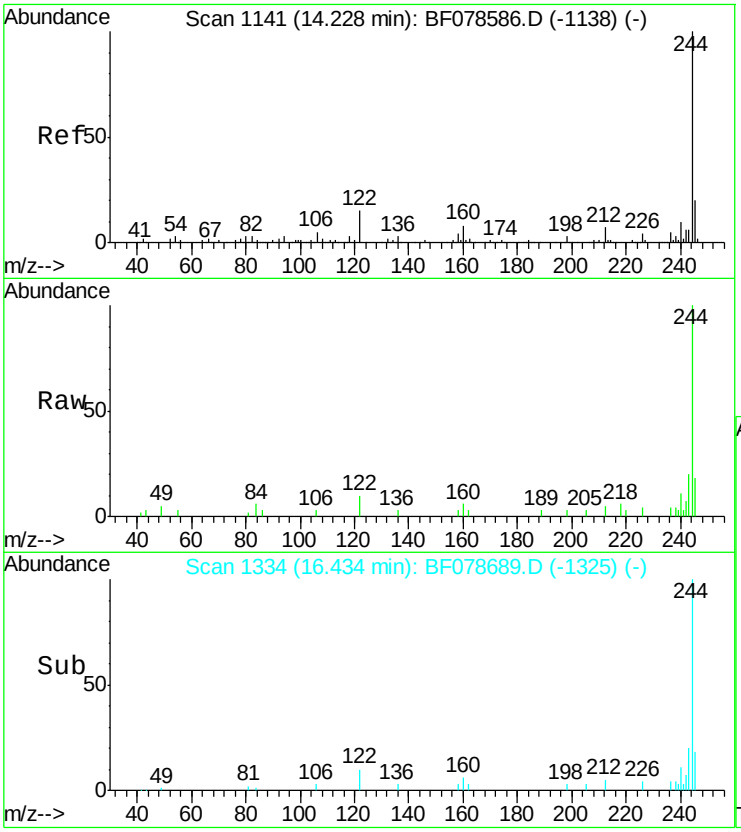


#77
Pyrene
Concen: 63.98 ng
RT: 16.15 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:202 Resp: 530898

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.3	24.5
203	21.8	13.8	20.6#



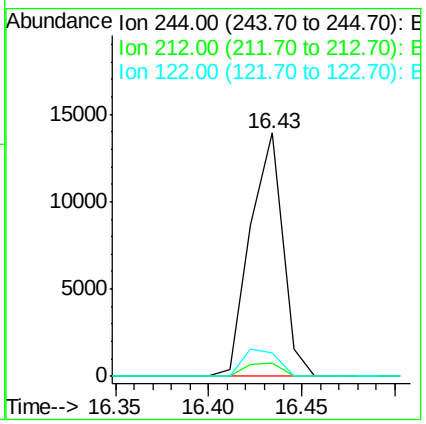


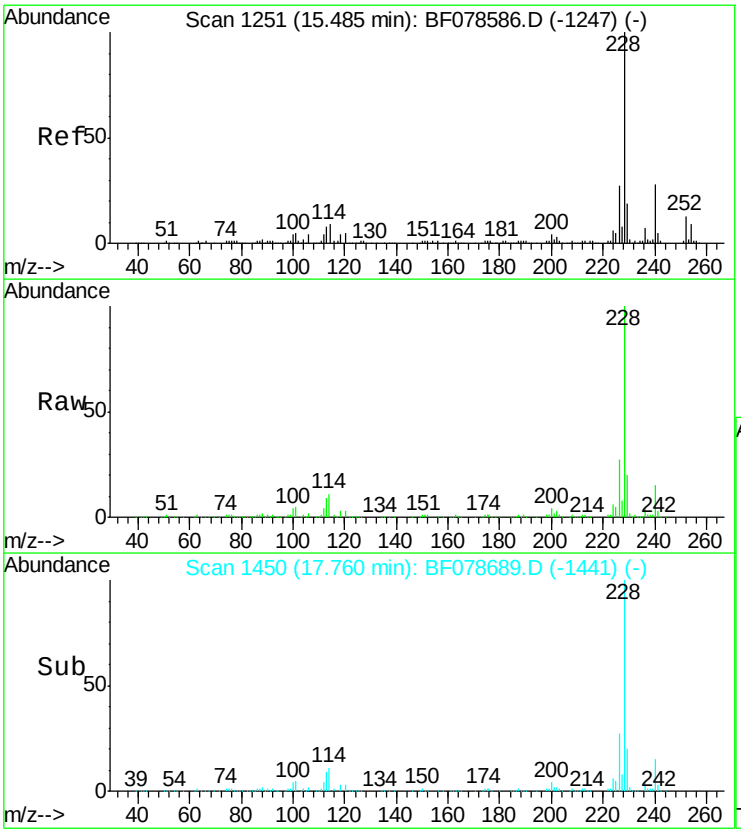
#78
Terphenyl-d14
Concen: 2.88 ng
RT: 16.43 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion:244 Resp: 16830

Ion	Ratio	Lower	Upper
244	100		
212	5.4	5.0	7.4
122	9.9	7.1	10.7

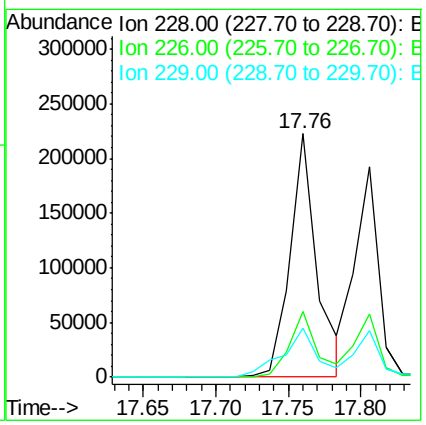


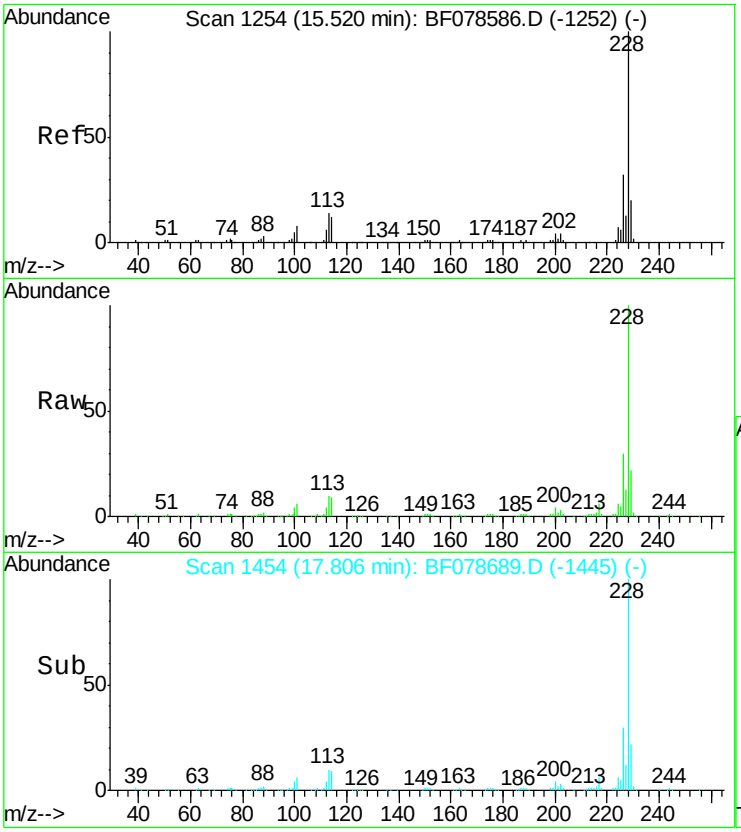


#80
Benzo(a)anthracene
Concen: 36.45 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:228 Resp: 286635

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.3	31.9
229	20.2	15.4	23.2



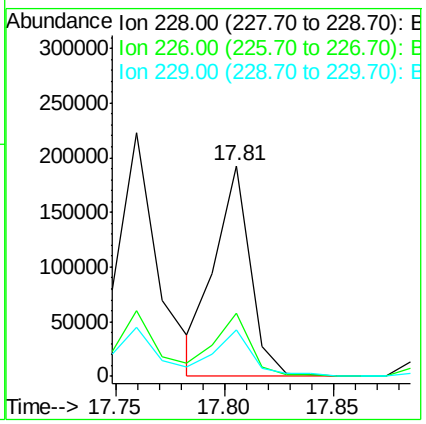


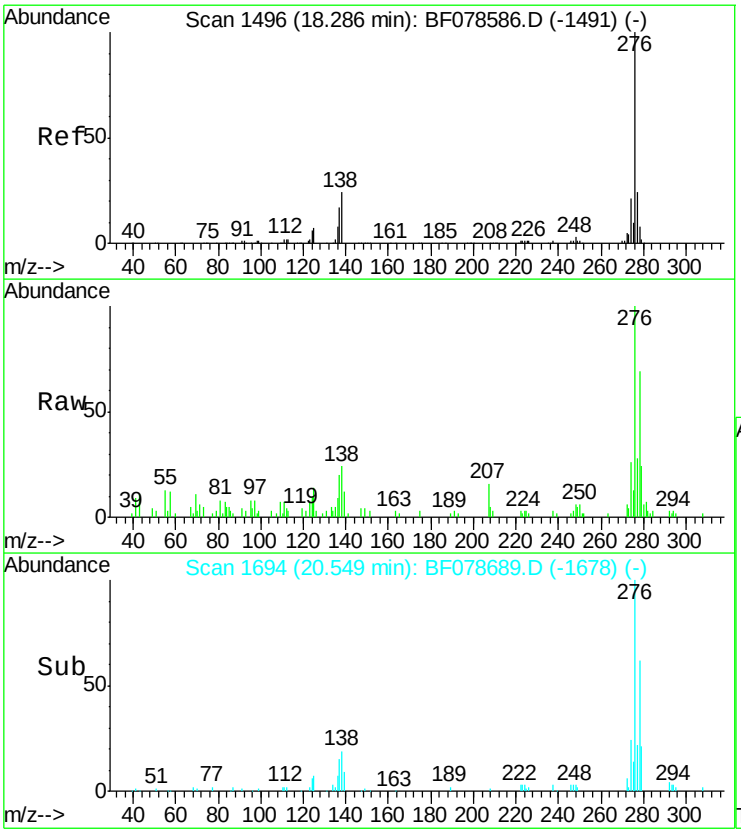
#82
Chrysene
Concen: 29.29 ng
RT: 17.81 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion:228 Resp: 216413

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	21.9	15.8	23.8

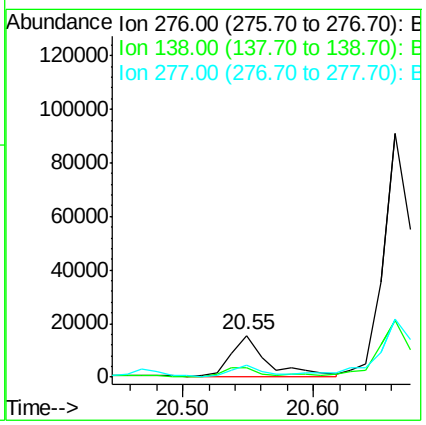


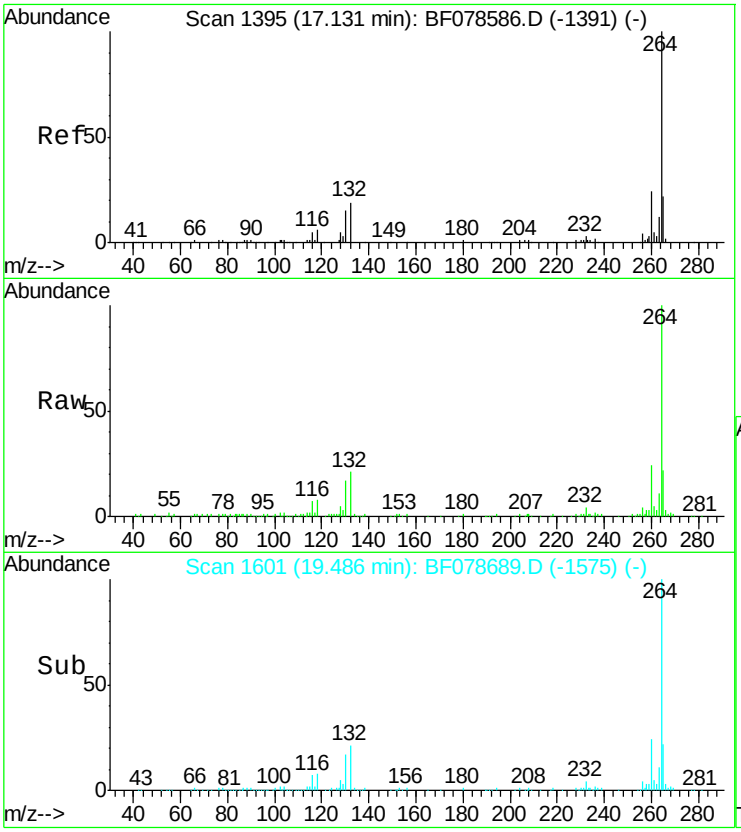


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.70 ng
RT: 20.55 min Scan# 1694
Delta R.T. -0.11 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:276 Resp: 30993

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.9	25.3
277	22.7	15.8	23.6



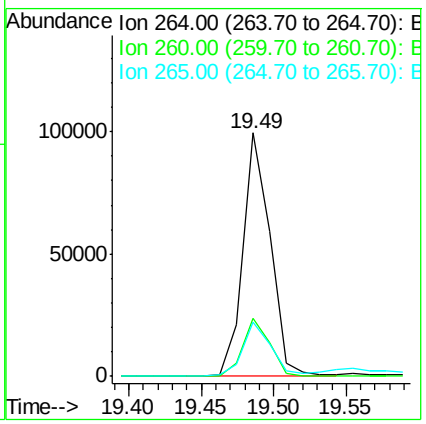


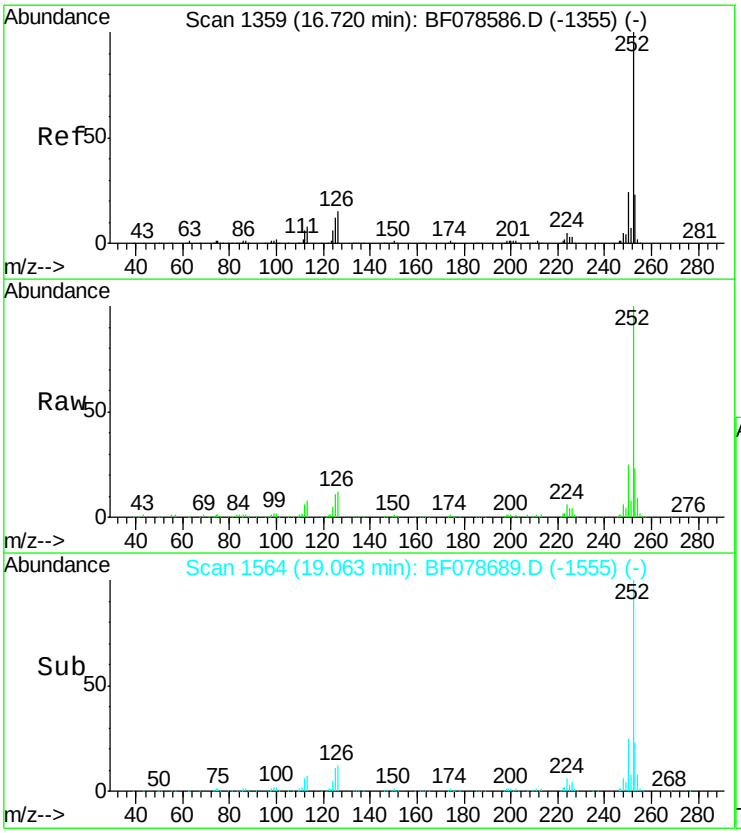
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion:264 Resp: 129900

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.1	17.0	25.6

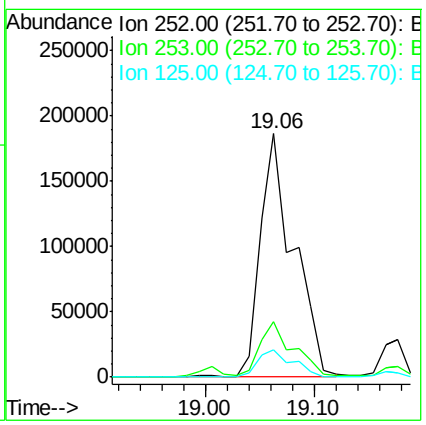


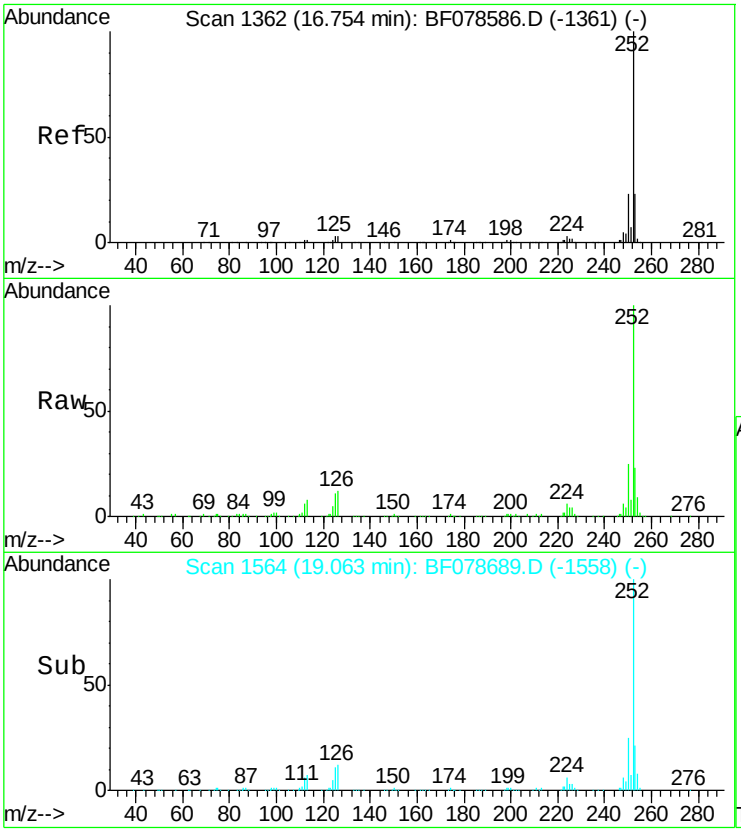


#87
Benzo(b)fluoranthene
Concen: 49.36 ng
RT: 19.06 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:252 Resp: 396270

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	11.3	7.0	10.4#



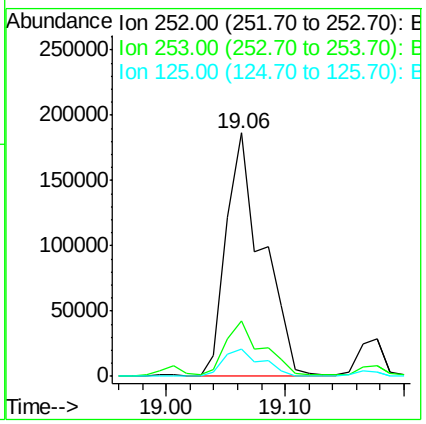


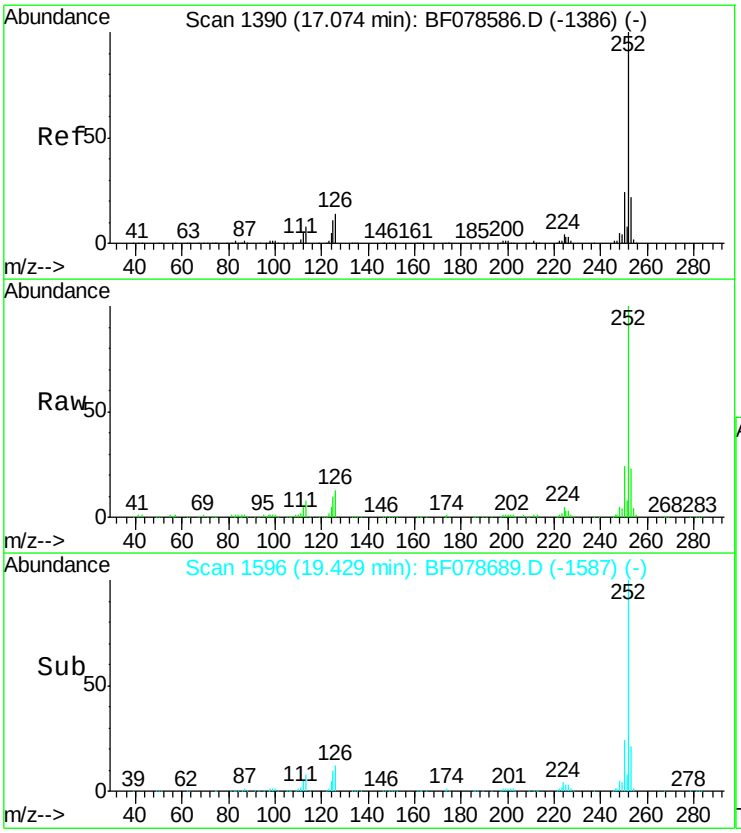
#88
Benzo(k)fluoranthene
Concen: 55.59 ng
RT: 19.06 min Scan# 1564
Delta R.T. -0.03 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion:252 Resp: 396637

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.3	11.6	17.4#

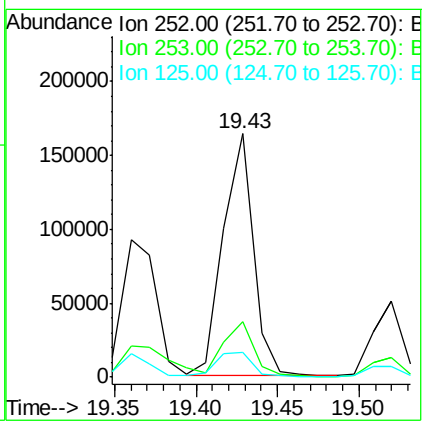


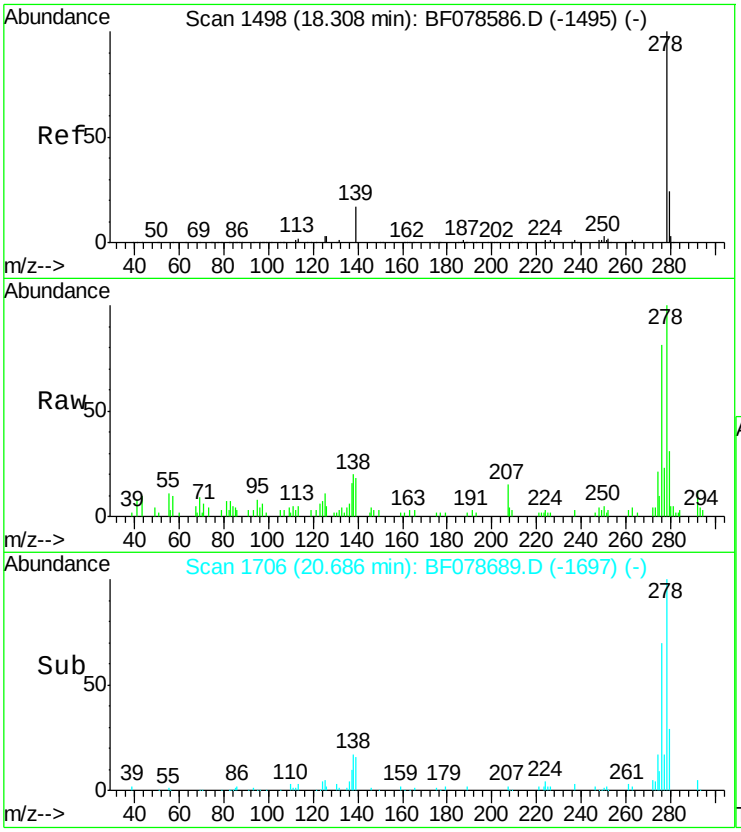


#89
Benzo(a)pyrene
Concen: 29.61 ng
RT: 19.43 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:252 Resp: 207430

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.8	25.2
125	10.1	7.4	11.0



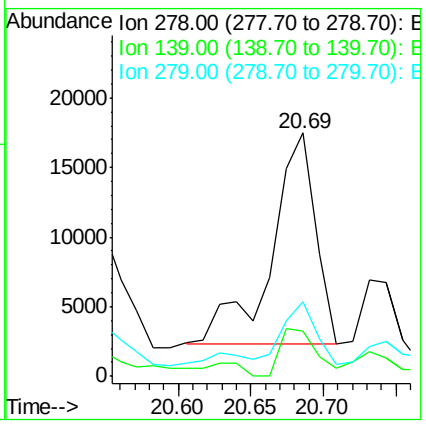


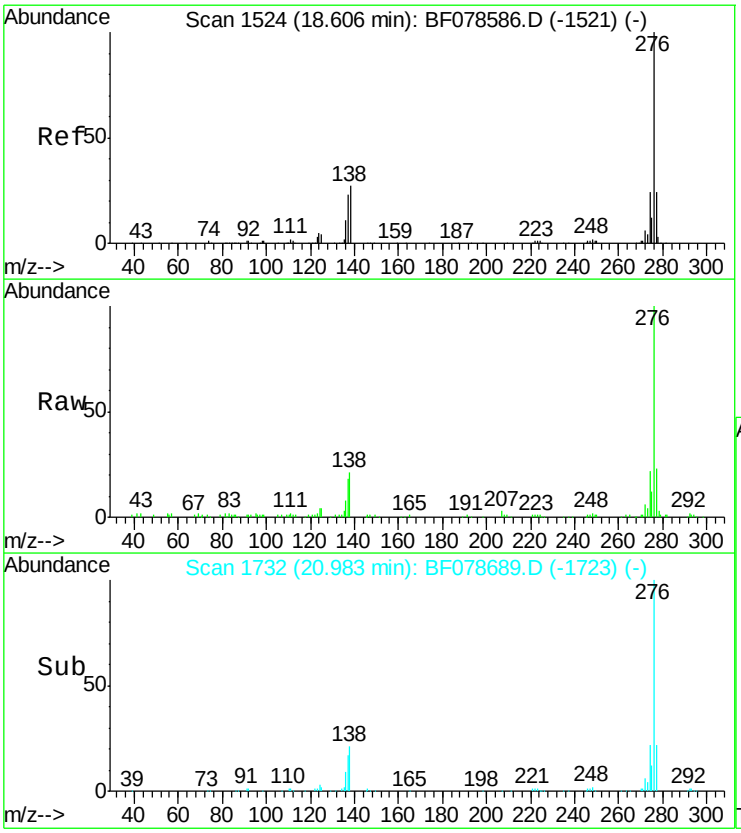
#90
Dibenzo(a,h)anthracene
Concen: 4.60 ng
RT: 20.69 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SP-B-1RE

Tgt Ion:278 Resp: 32262

Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.6	20.4
279	30.6	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 18.89 ng
RT: 20.98 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BF078689.D
Acq: 21 Apr 2015 18:01

Tgt Ion:276 Resp: 132850

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	21.0	19.9	29.9