Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078521.D
Acq On : 15 Apr 2015 1:44
Operator : TP/IZ
Sample : G1823-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-6

Quant Time: Apr 15 03:23:23 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	20039	20.00	ng		0.00
21) Naphthalene-d8	8.39	136	91812	20.00	ng		0.00
38) Acenaphthene-d10	10.54	164	48973	20.00	ng		0.00
63) Phenanthrene-d10	12.37	188	102870	20.00	ng		0.00
75) Chrysene-d12	15.62	240	121827	20.00	ng		-0.03
86) Perylene-d12	17.30	264	129175	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	124265	102.24	ng		0.00
7) Phenol-d6	6.41	99	168191	110.42	ng		0.00
23) Nitrobenzene-d5	7.51	82	95013	62.73	ng		0.00
41) 2,4,6-Tribromophenol	11.52	330	46626	114.80	ng		0.00
44) 2-Fluorobiphenyl	9.74	172	214590	62.63	ng		0.00
78) Terphenyl-d14	14.35	244	280909	52.10	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.43	94	4141	2.27	ng		89
49) Dimethylphthalate	10.25	163	9830	2.67	ng	#	97
51) Acenaphthene	10.58	154	7078	2.47	ng		94
70) Phenanthrene	12.39	178	91096	15.31	ng		98
71) Anthracene	12.46	178	26143	4.46	ng		99
72) Carbazole	12.67	167	11605	2.11	ng		100
74) Fluoranthene	13.86	202	201126	32.05	ng		90
77) Pyrene	14.13	202	185406	24.24	ng	#	92
80) Benzo(a)anthracene	15.61	228	119557	16.49	ng		99
82) Chrysene	15.66	228	94914	13.94	ng		98
85) Indeno(1,2,3-cd)pyrene	18.50	276	60664m	7.85	ng		
87) Benzo(b)fluoranthene	16.87	252	145095	18.17	ng	#	95
88) Benzo(k)fluoranthene	16.90	252	42103m	5.93	ng		
89) Benzo(a)pyrene	17.23	252	89882	12.90	ng	#	95
90) Dibenzo(a,h)anthracene	18.53	278	15681m	2.25	ng		
91) Benzo(g,h,i)perylene	18.86	276	54792m	7.83	ng		

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

Quantitation Report (LSC Reviewed)

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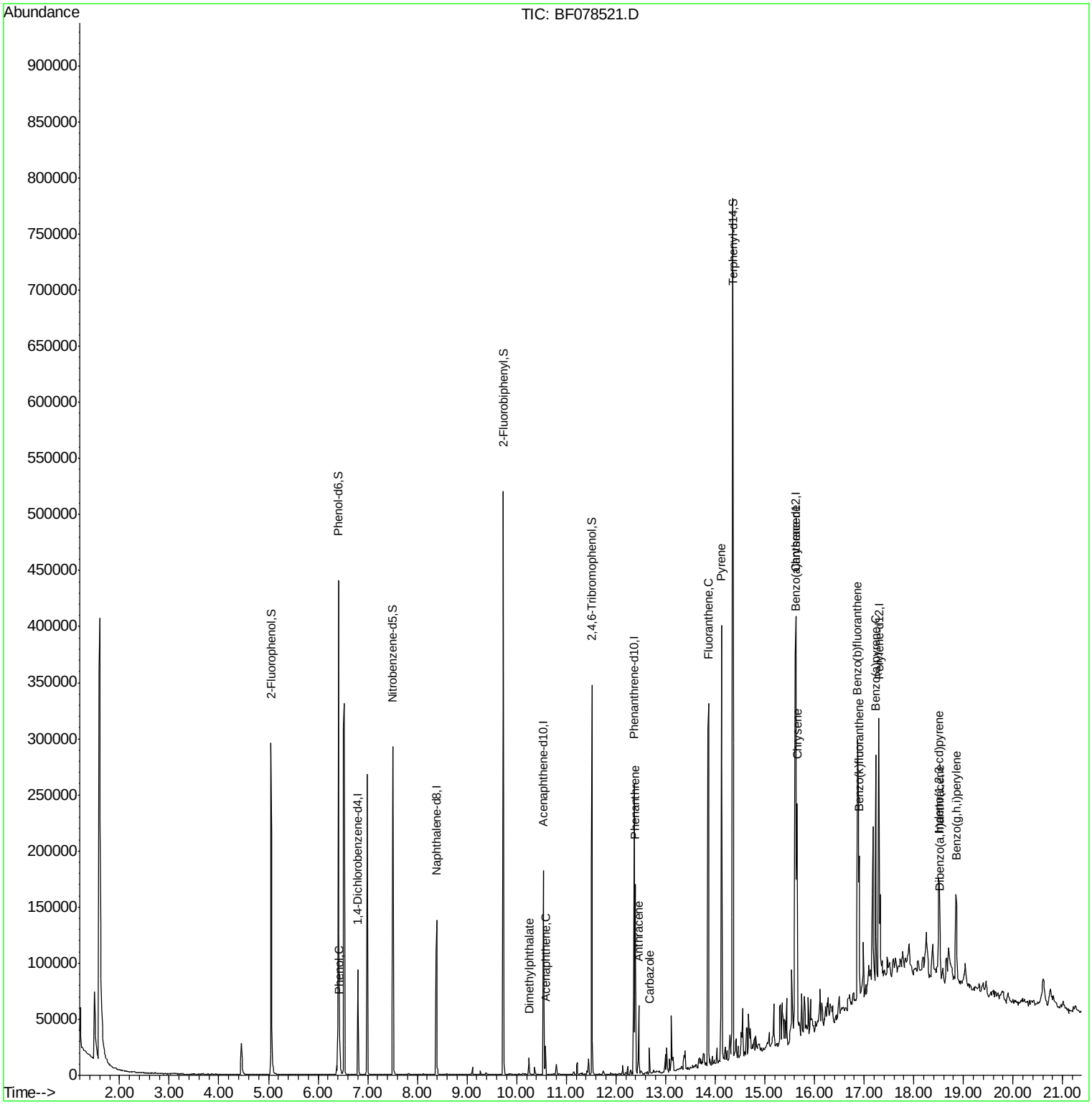
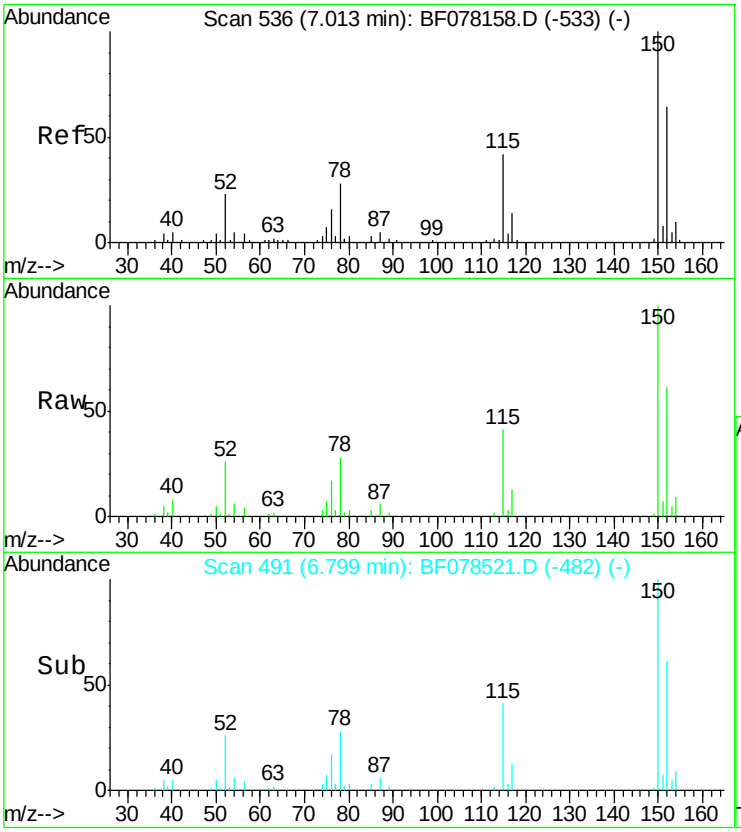


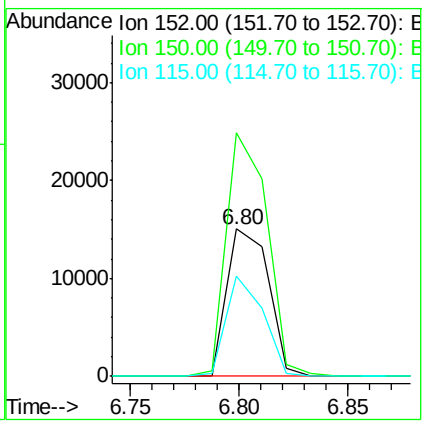


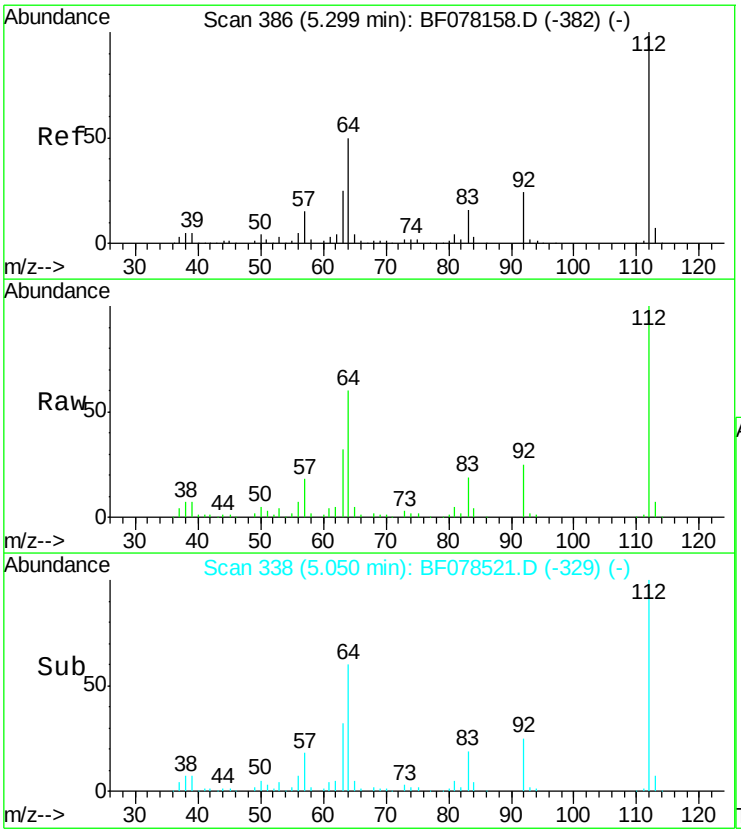
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:152 Resp: 20039

Ion	Ratio	Lower	Upper
152	100		
150	165.2	125.9	188.9
115	67.9	52.7	79.1

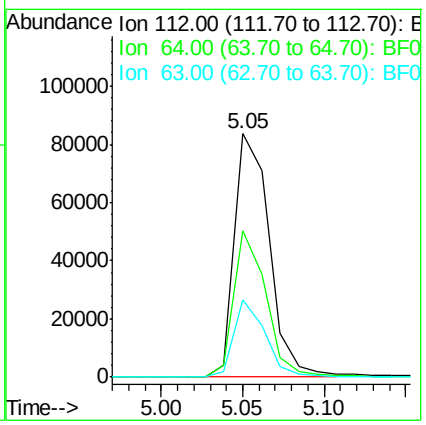


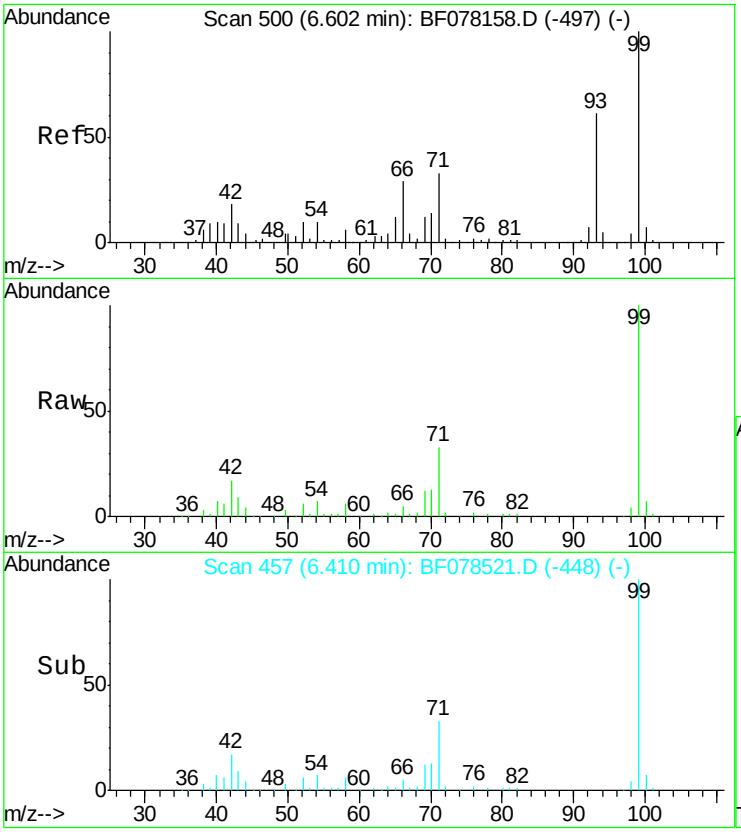


#5
2-Fluorophenol
Concen: 102.24 ng
RT: 5.05 min Scan# 338
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion:112 Resp: 124265

Ion	Ratio	Lower	Upper
112	100		
64	60.1	39.9	59.9#
63	31.9	20.2	30.4#



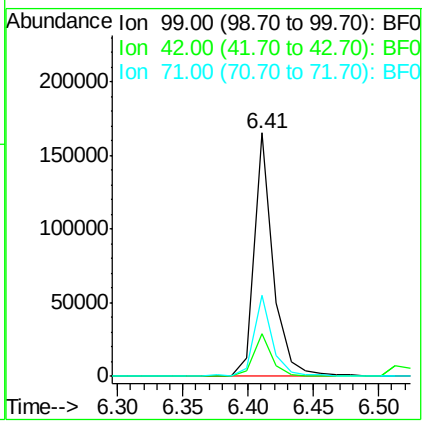


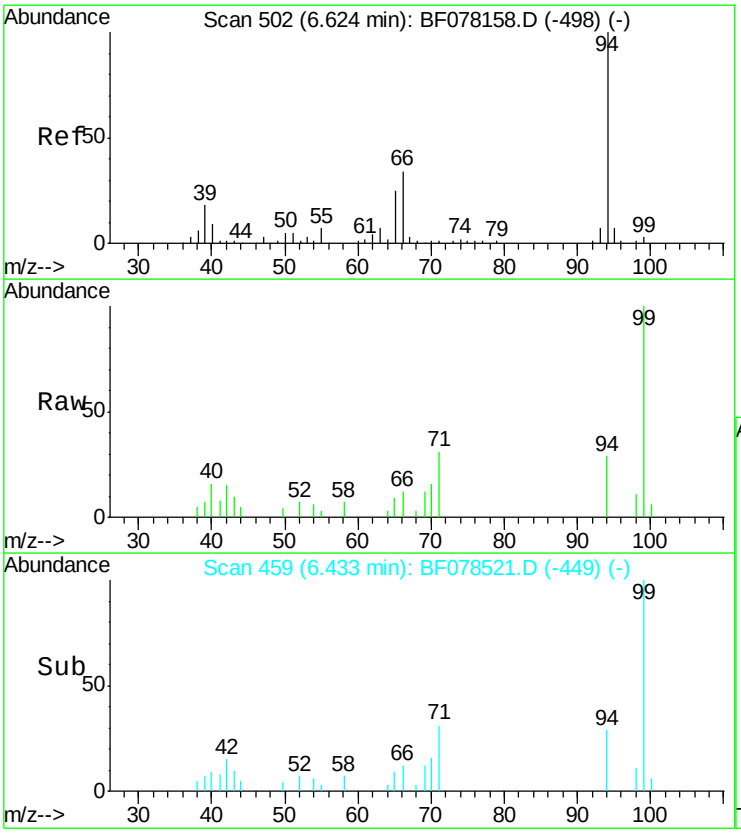
#7
Phenol-d6
Concen: 110.42 ng
RT: 6.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion: 99 Resp: 168191

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.8	22.2
71	33.4	26.6	39.8

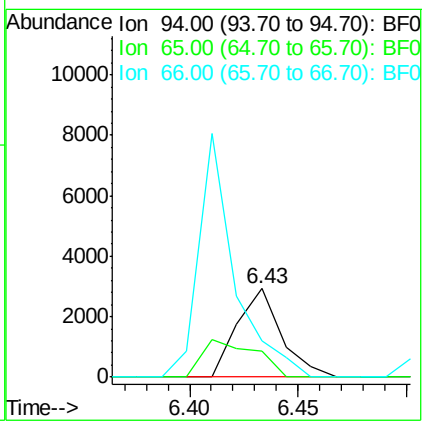


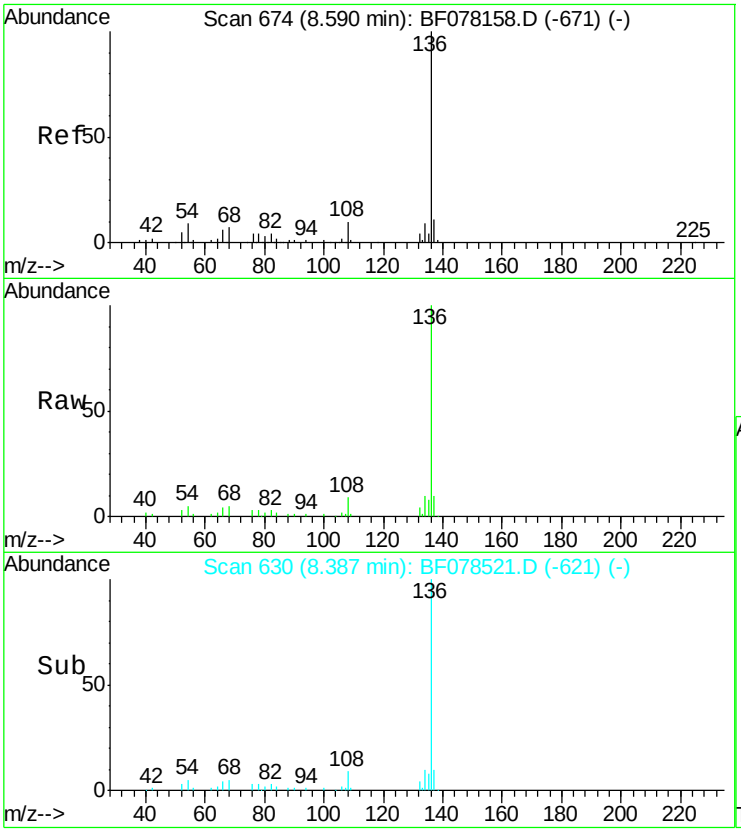


#10
Phenol
Concen: 2.27 ng
RT: 6.43 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion: 94 Resp: 4141

Ion	Ratio	Lower	Upper
94	100		
65	29.9	4.9	44.9
66	40.4	13.8	53.8



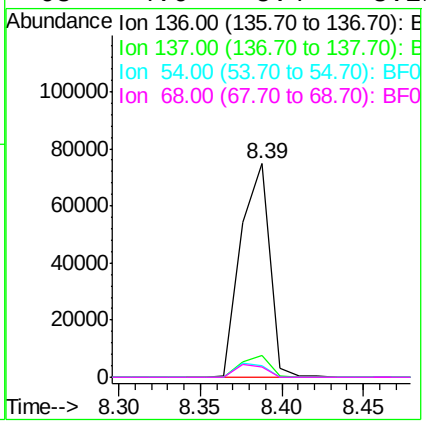


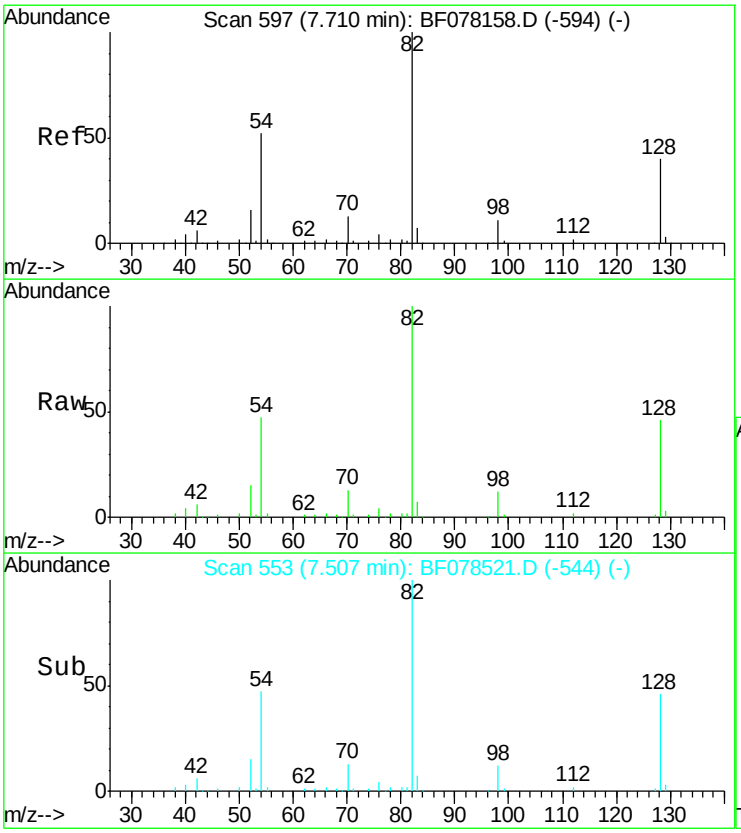
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.39 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:136 Resp: 91812

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	5.4	7.0	10.6#
68	4.6	5.4	8.2#

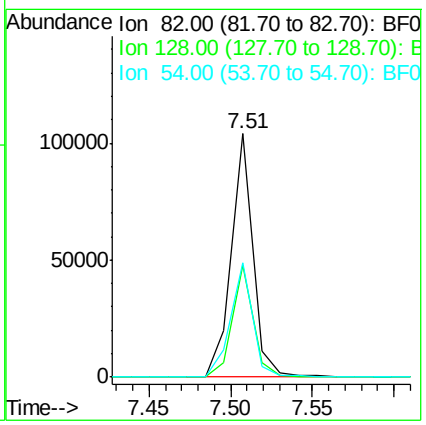


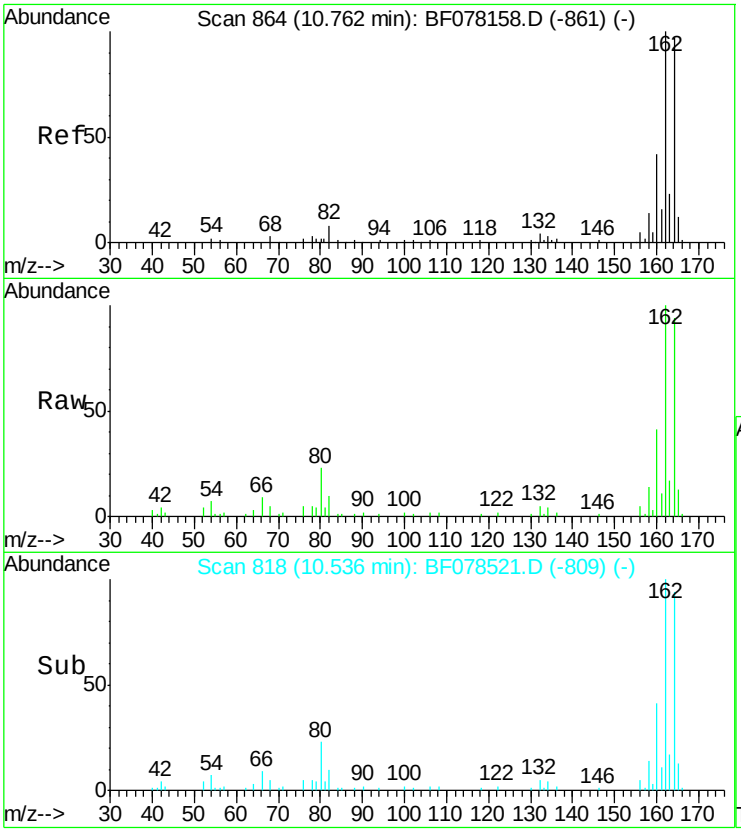


#23
Nitrobenzene-d5
Concen: 62.73 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion: 82 Resp: 95013

Ion	Ratio	Lower	Upper
82	100		
128	46.2	31.8	47.8
54	47.0	41.5	62.3



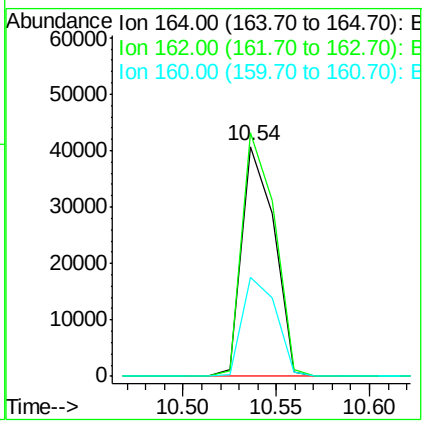


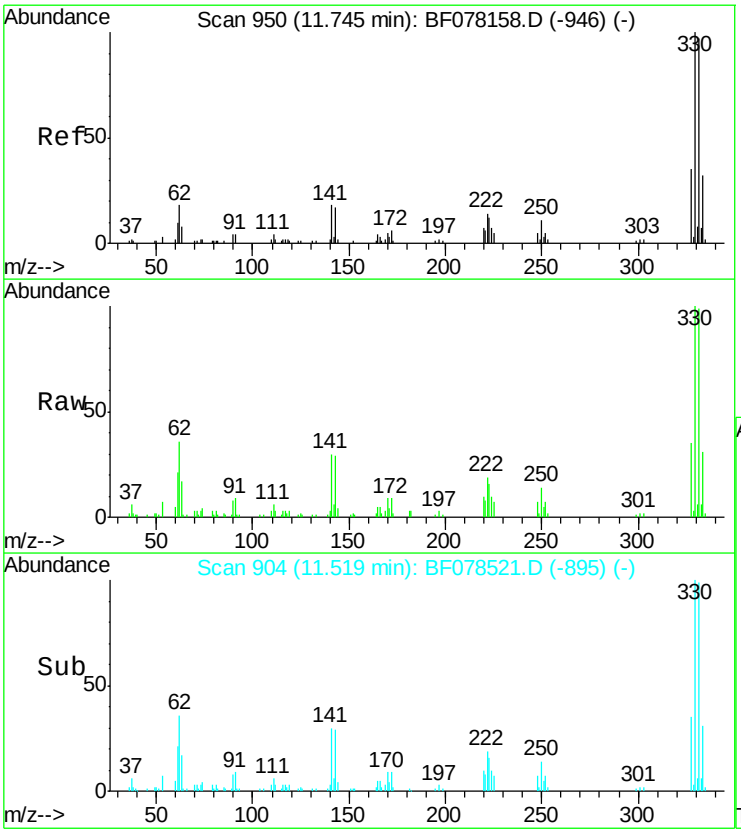
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:164 Resp: 48973

Ion	Ratio	Lower	Upper
164	100		
162	106.1	82.2	123.2
160	43.1	34.7	52.1

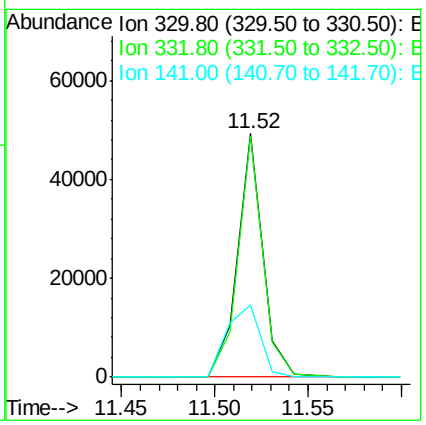


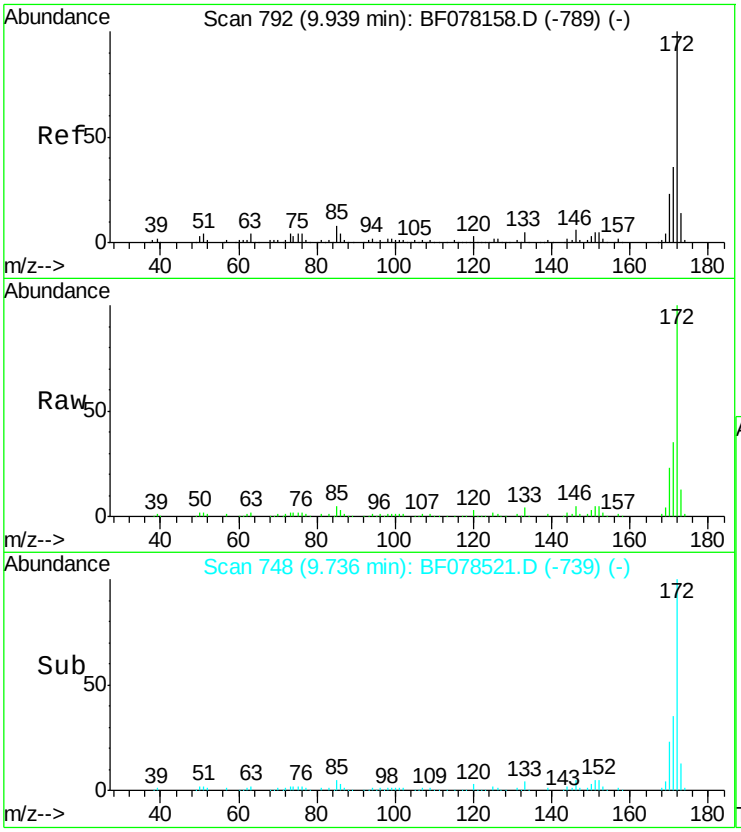


#41
2,4,6-Tribromophenol
Concen: 114.80 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion:330 Resp: 46626

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.6	117.8
141	39.2	31.2	46.8



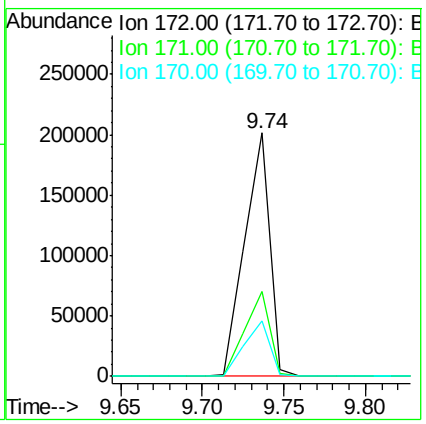


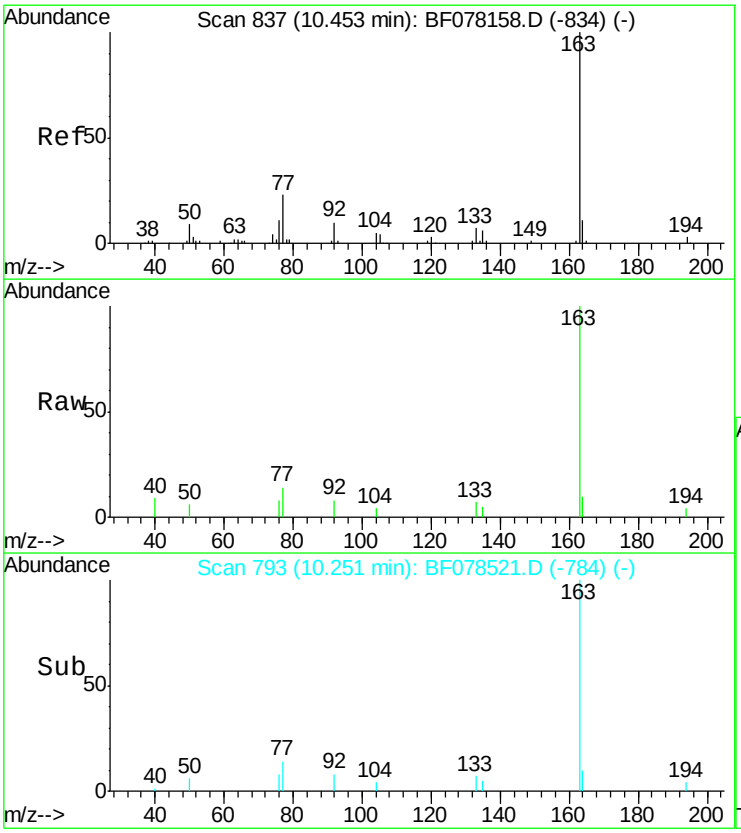
#44
2-Fluorobiphenyl
Concen: 62.63 ng
RT: 9.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:172 Resp: 214590

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	22.9	18.5	27.7

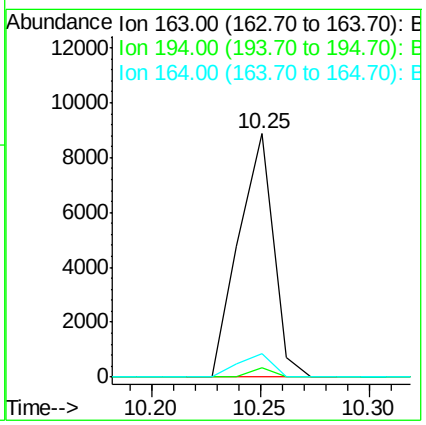


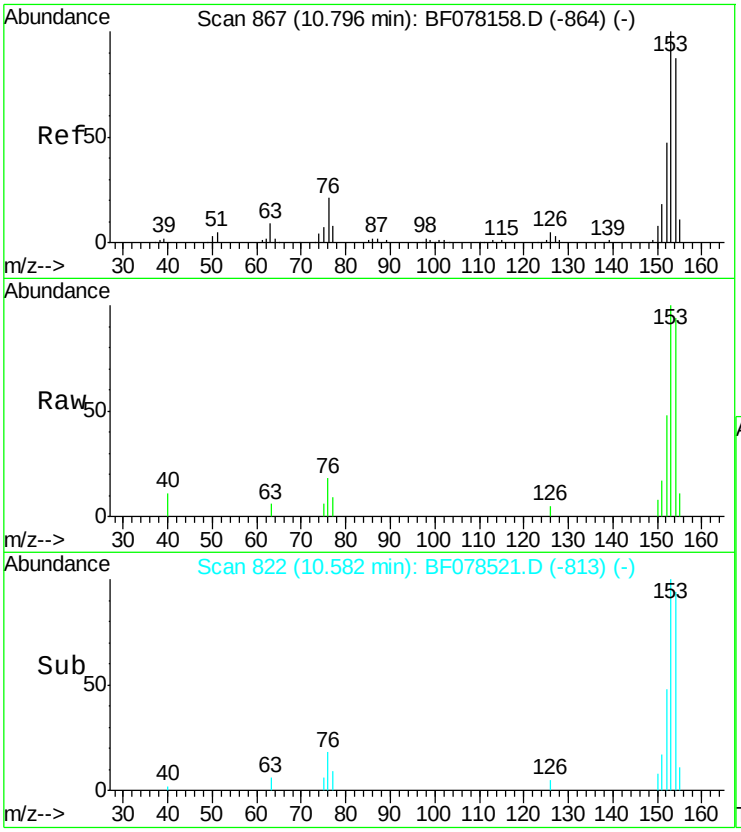


#49
Dimethylphthalate
Concen: 2.67 ng
RT: 10.25 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion:163 Resp: 9830

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.3	3.5#
164	9.8	8.6	13.0



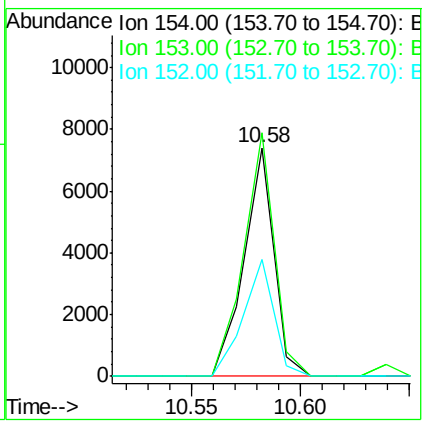


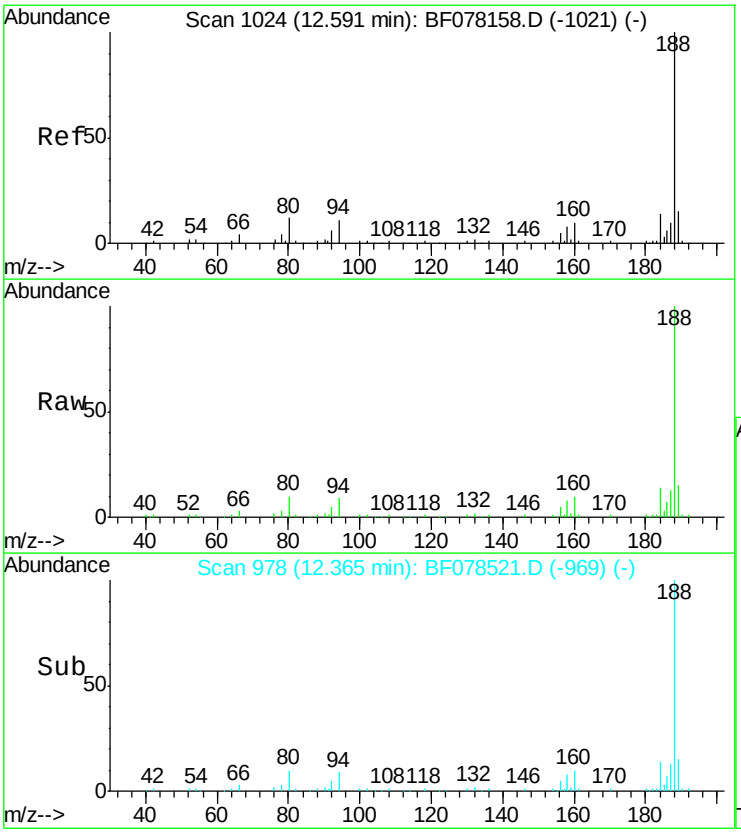
#51
Acenaphthene
Concen: 2.47 ng
RT: 10.58 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:154 Resp: 7078

Ion	Ratio	Lower	Upper
154	100		
153	106.4	91.4	137.2
152	50.9	43.0	64.6

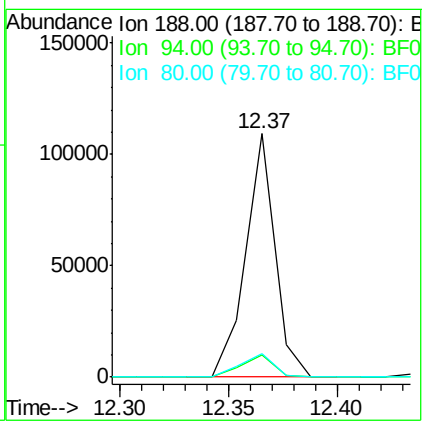


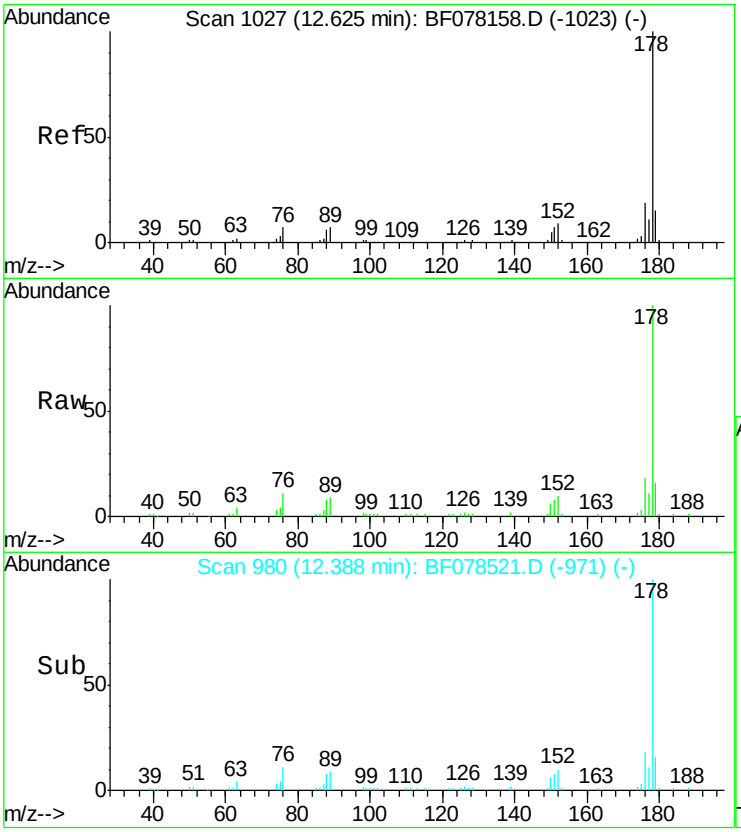


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion:188 Resp: 102870

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.7	9.5	14.3



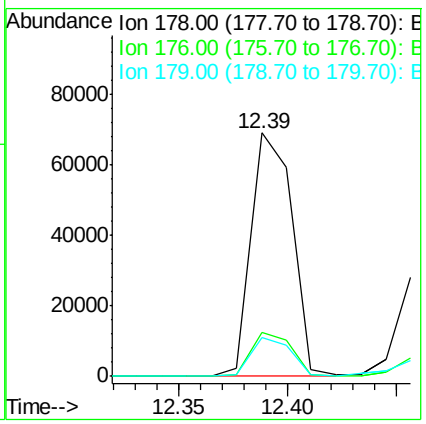


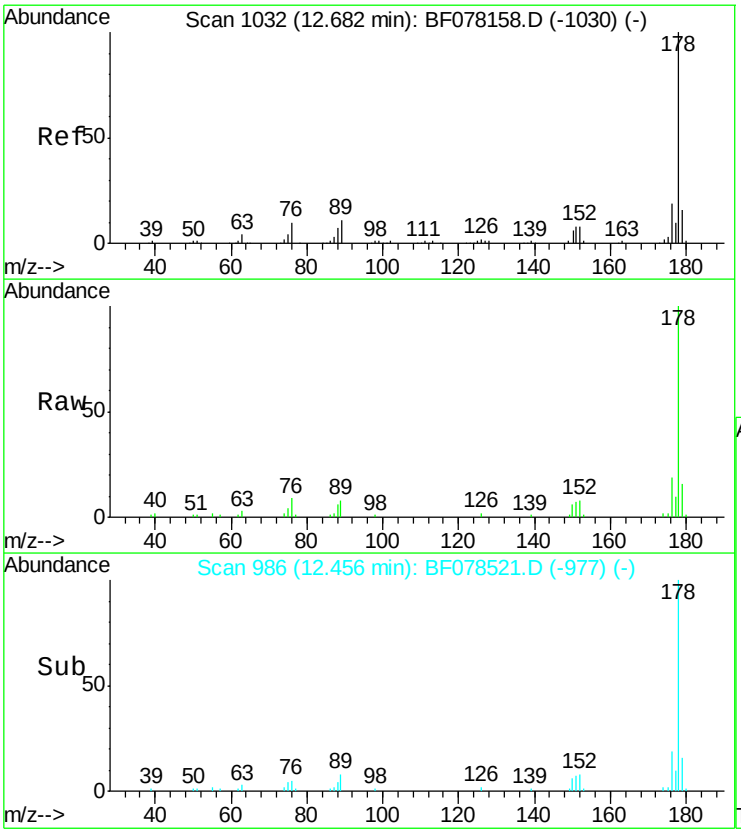
#70
Phenanthrene
Concen: 15.31 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:178 Resp: 91096

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	16.0	12.2	18.2

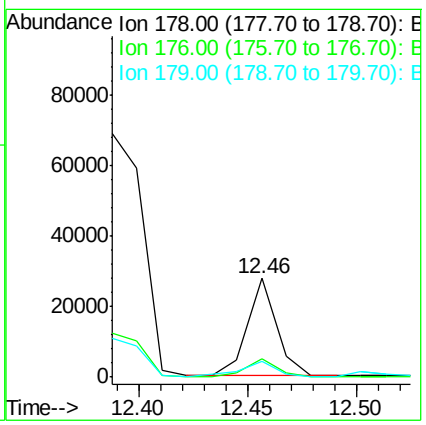


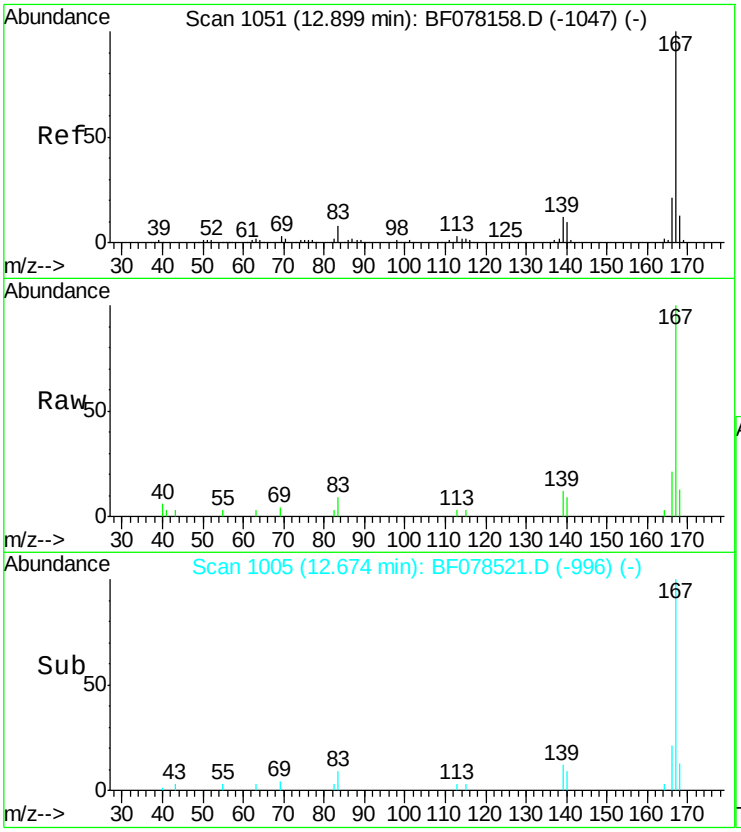


#71
Anthracene
Concen: 4.46 ng
RT: 12.46 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion:178 Resp: 26143

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	16.0	12.4	18.6



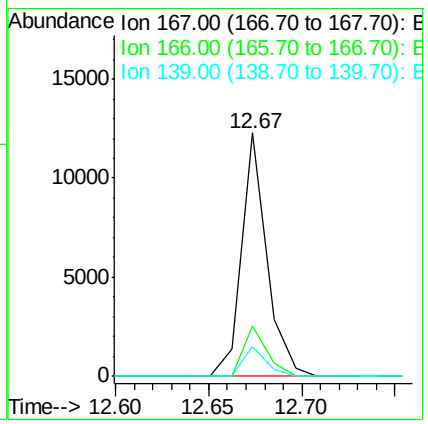


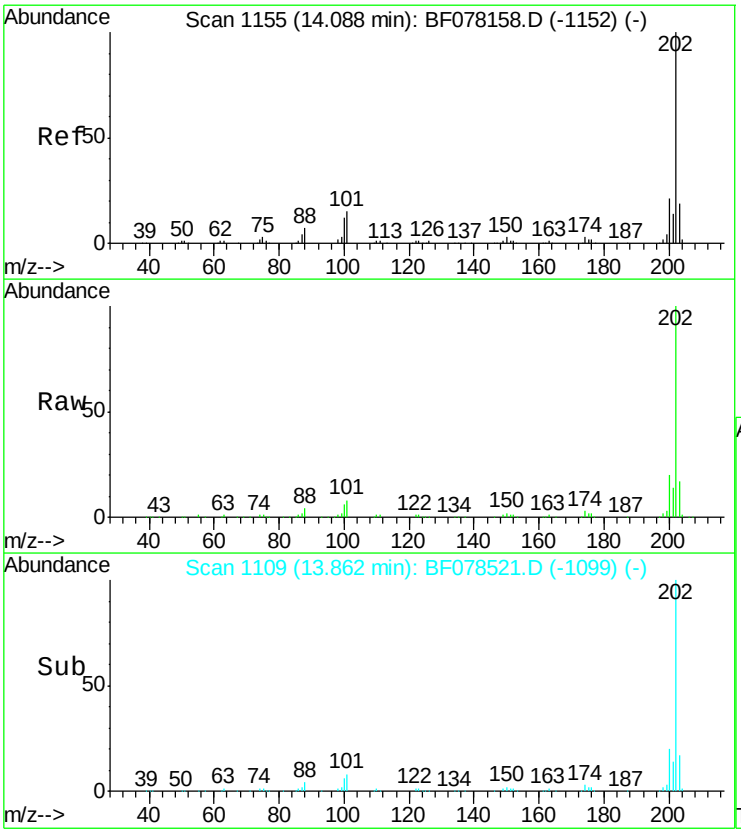
#72
Carbazole
Concen: 2.11 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:167 Resp: 11605

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.8	25.2
139	12.3	10.0	15.0

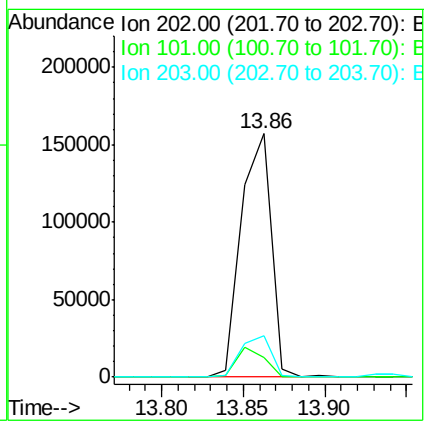


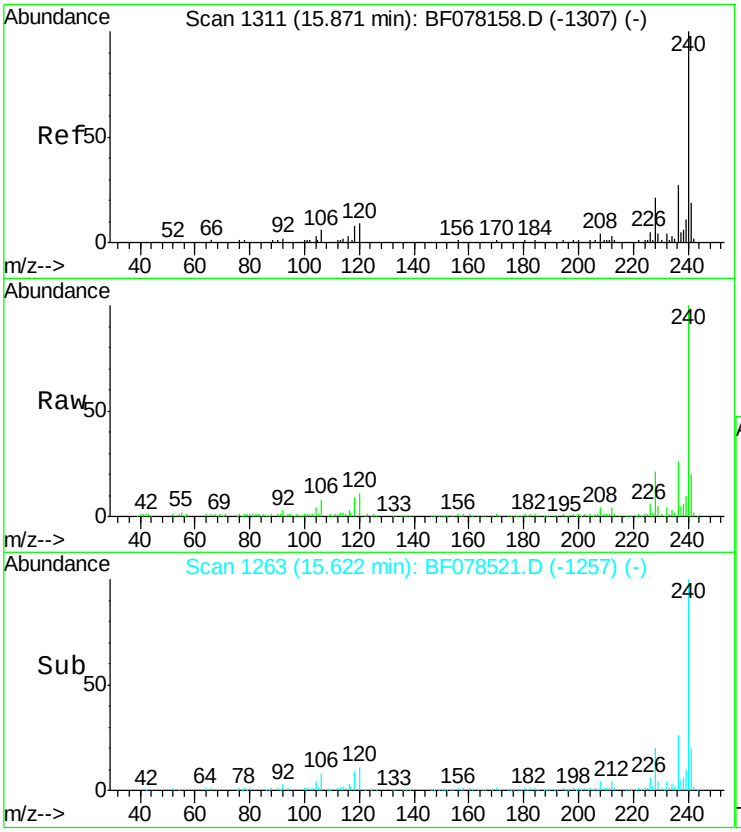


#74
Fluoranthene
Concen: 32.05 ng
RT: 13.86 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion:202 Resp: 201126

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	35.2
203	17.0	0.0	38.5



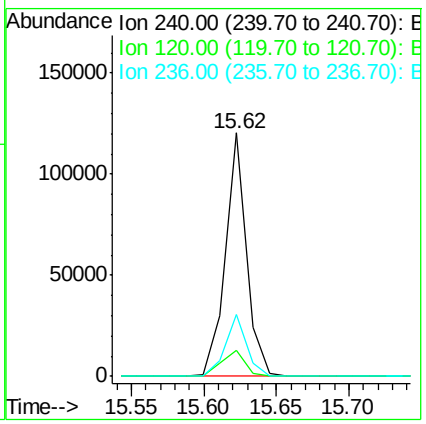


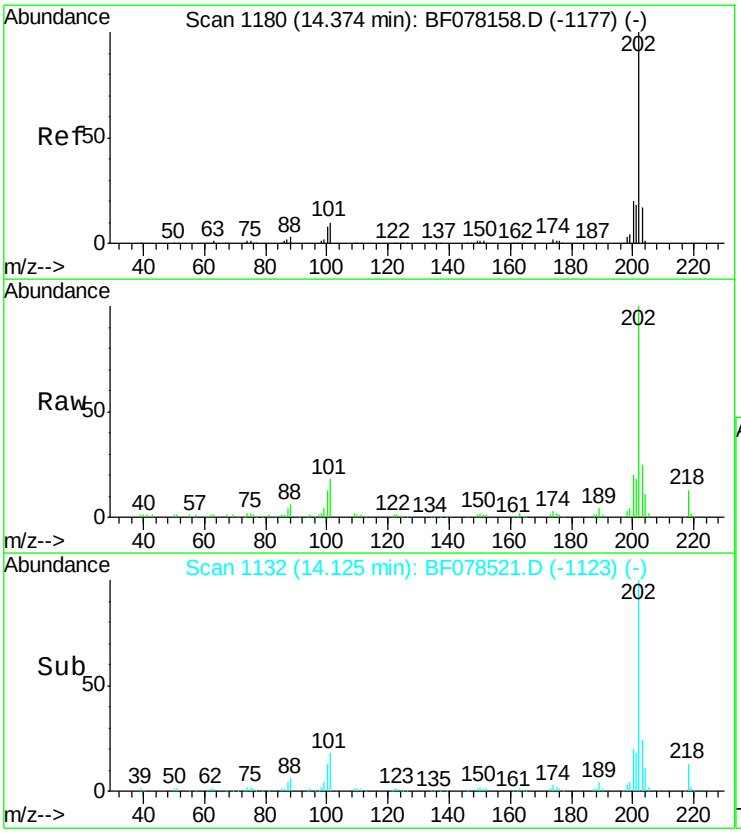
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:240 Resp: 121827

Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.1	10.7#
236	25.6	21.4	32.2

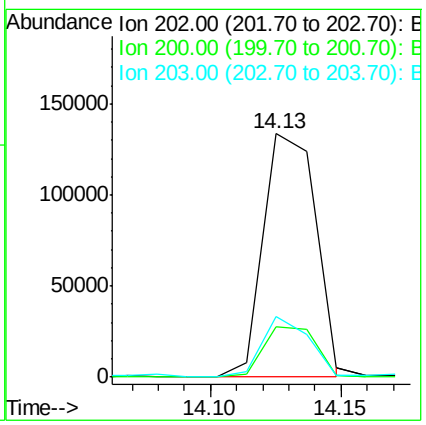


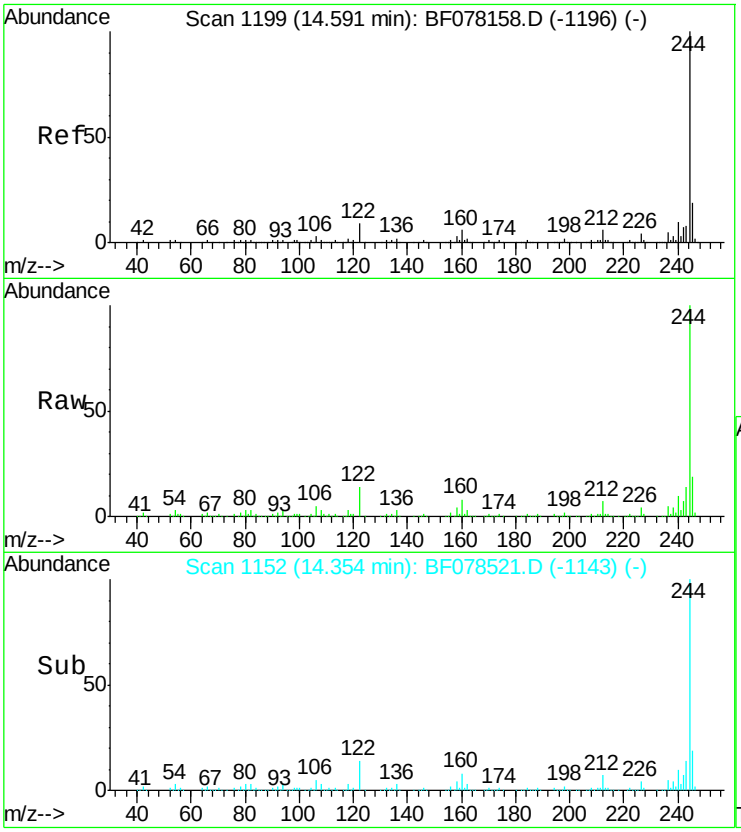


#77
Pyrene
Concen: 24.24 ng
RT: 14.13 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion:202 Resp: 185406

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	25.0	13.8	20.6#



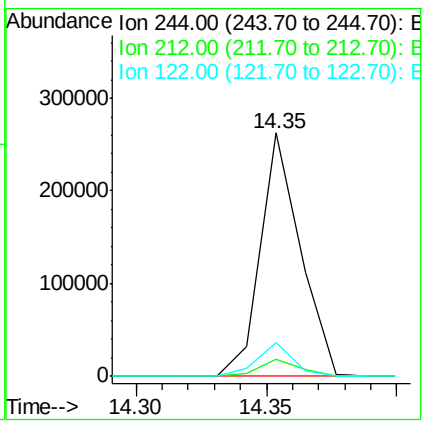


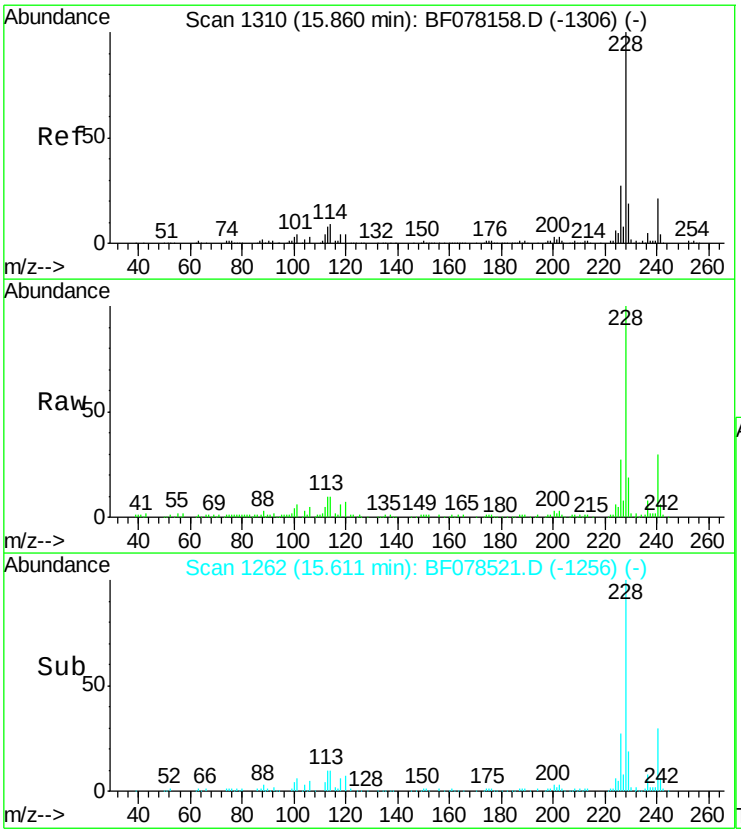
#78
Terphenyl-d14
Concen: 52.10 ng
RT: 14.35 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:244 Resp: 280909

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.4
122	13.8	7.1	10.7#

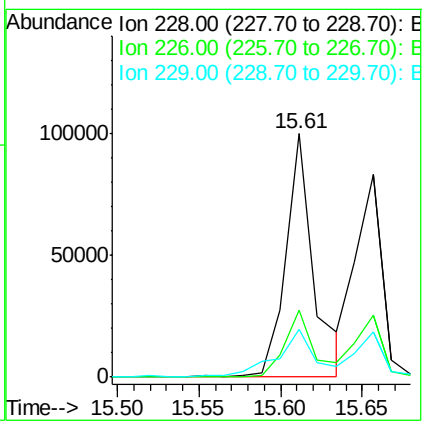


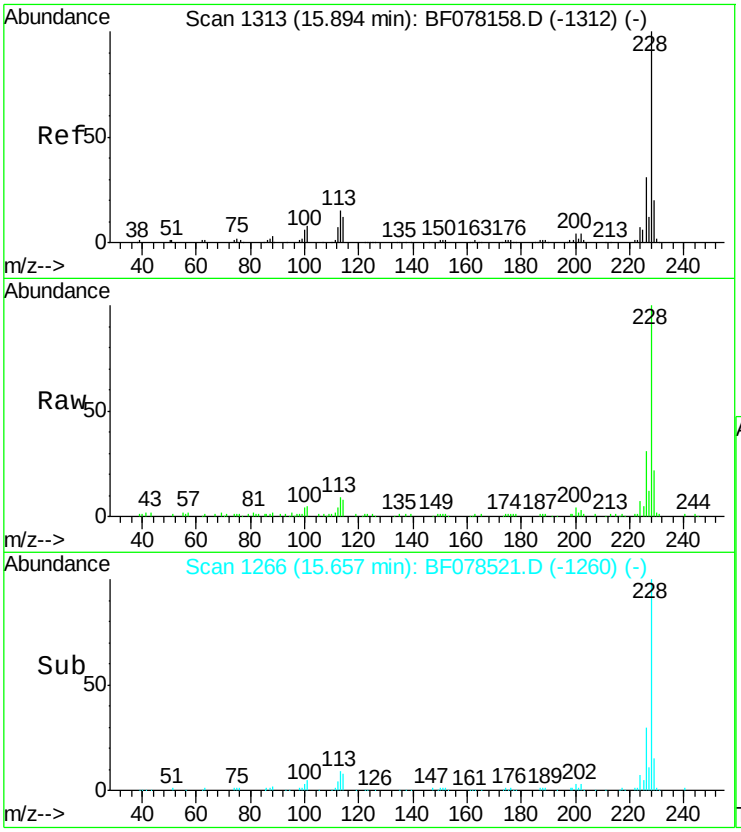


#80
Benzo(a)anthracene
Concen: 16.49 ng
RT: 15.61 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion:228 Resp: 119557

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.3	31.9
229	19.5	15.4	23.2



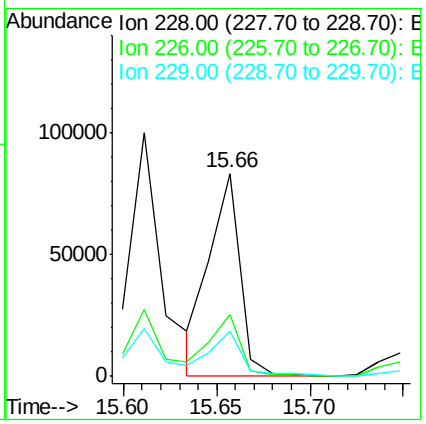


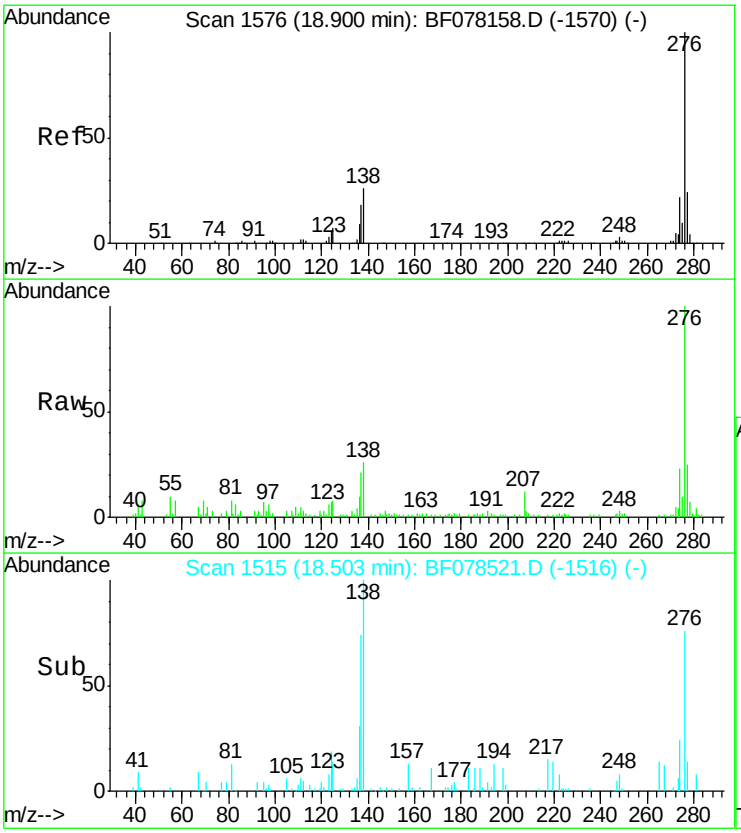
#82
Chrysene
Concen: 13.94 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:228 Resp: 94914

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	22.0	15.8	23.8

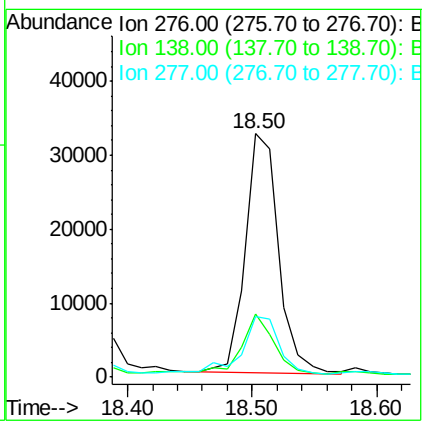


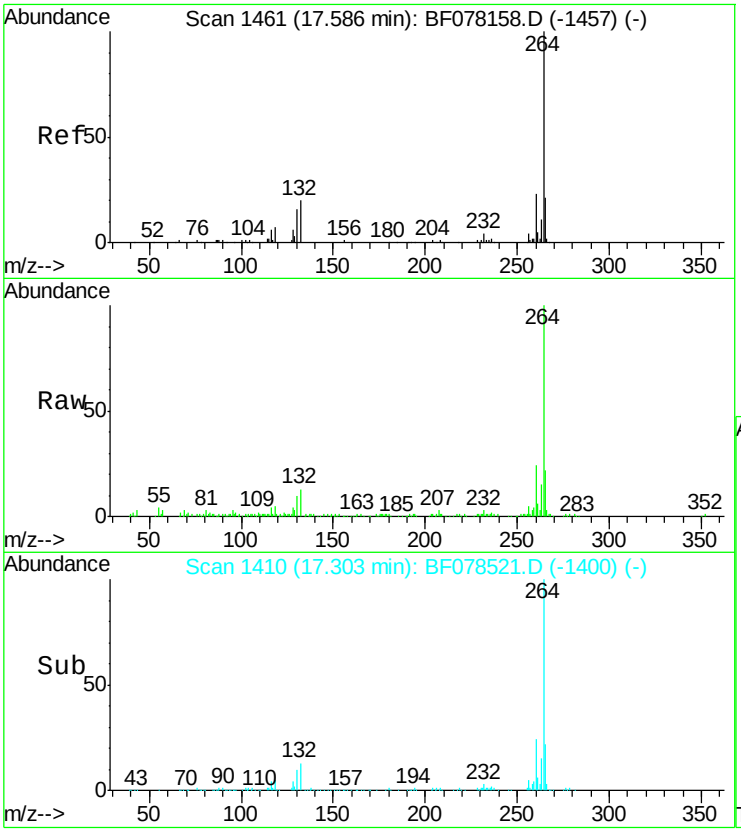


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.85 ng m
RT: 18.50 min Scan# 1515
Delta R.T. -0.31 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion:276 Resp: 60664

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.9	25.3#
277	8.0	15.8	23.6#



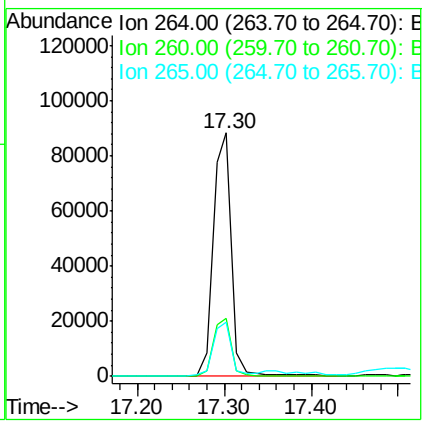


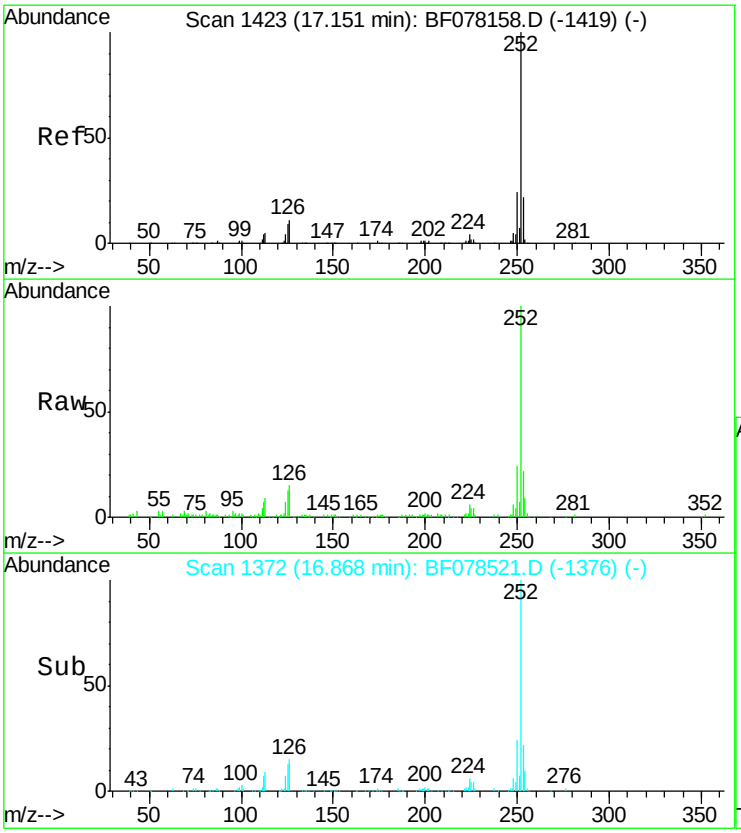
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.30 min Scan# 1410
Delta R.T. -0.18 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:264 Resp: 129175

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.3	17.0	25.6

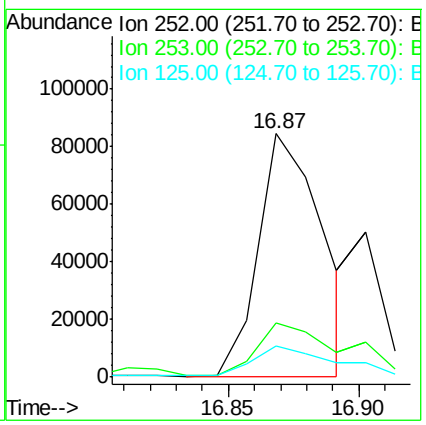


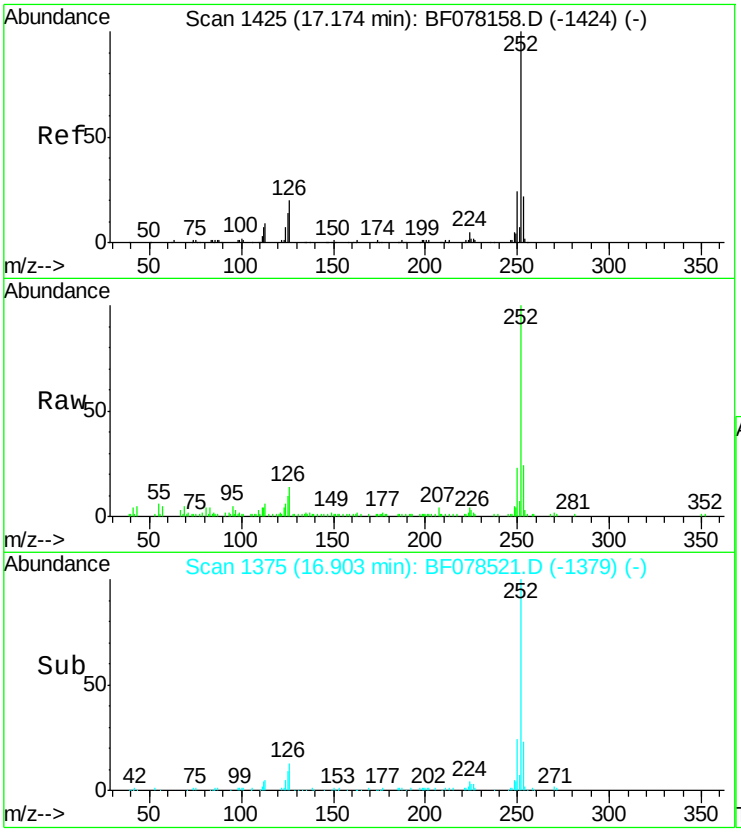


#87
Benzo(b)fluoranthene
Concen: 18.17 ng
RT: 16.87 min Scan# 1372
Delta R.T. -0.15 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion:252 Resp: 145095

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	12.6	7.0	10.4#



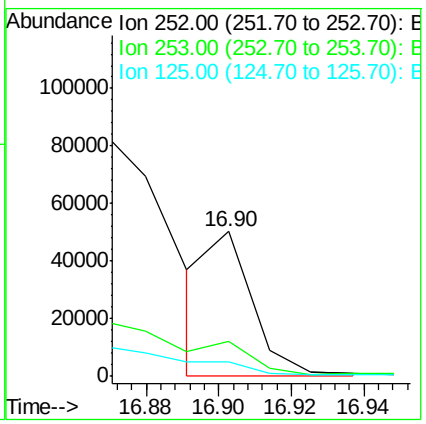


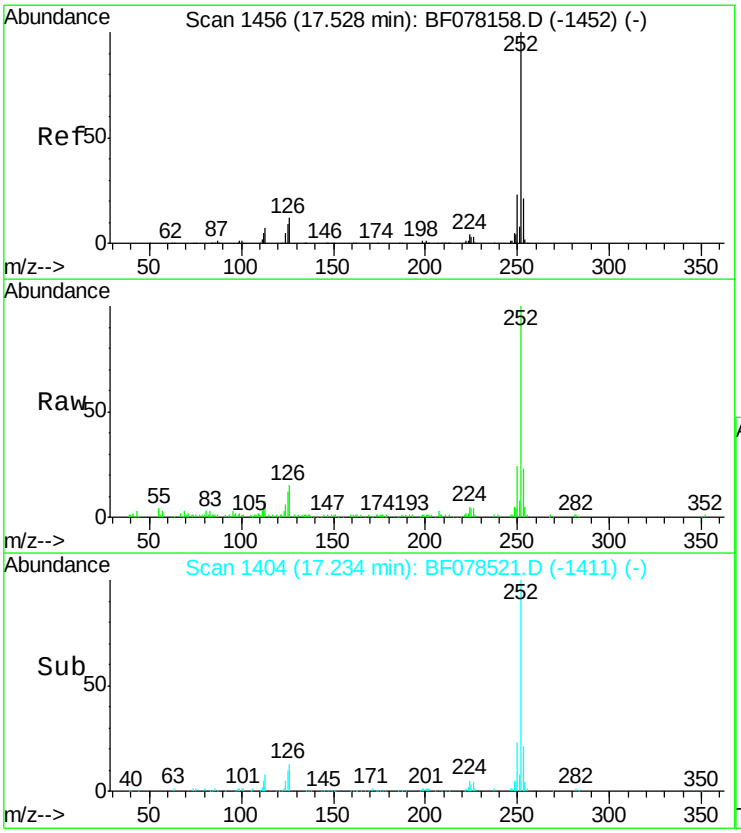
#88
Benzo(k)fluoranthene
Concen: 5.93 ng m
RT: 16.90 min Scan# 1375
Delta R.T. -0.15 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:252 Resp: 42103

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	10.3	11.6	17.4#

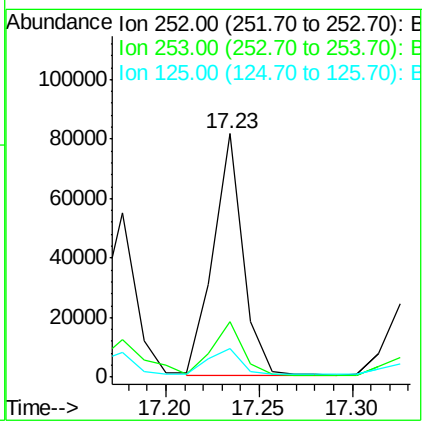


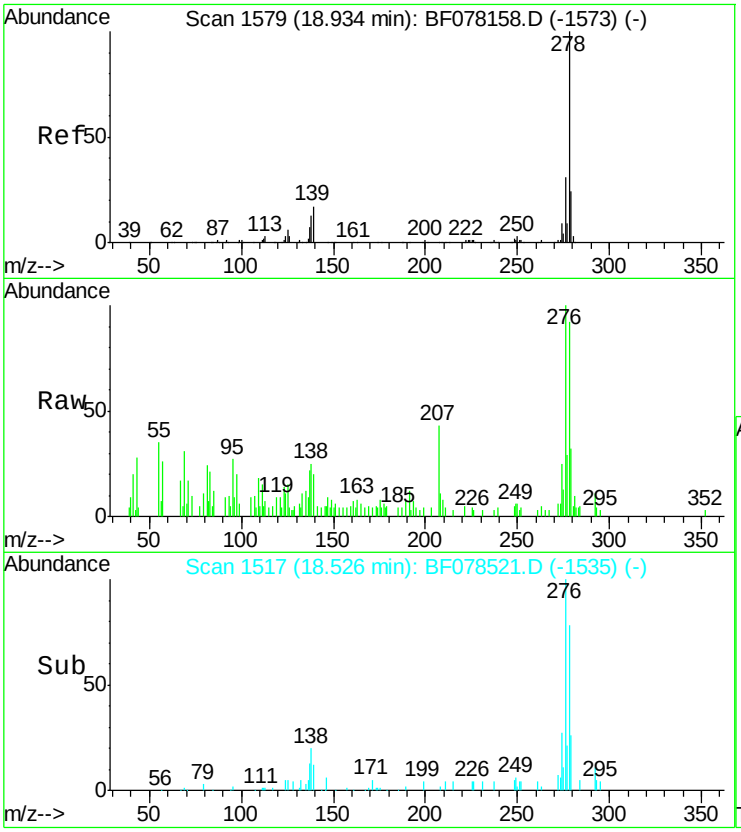


#89
Benzo(a)pyrene
Concen: 12.90 ng
RT: 17.23 min Scan# 1404
Delta R.T. -0.18 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion:252 Resp: 89882

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.8	25.2
125	11.9	7.4	11.0#



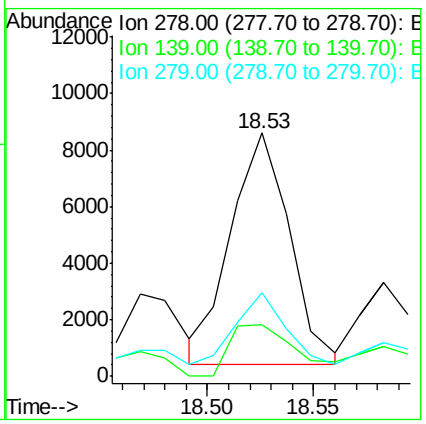


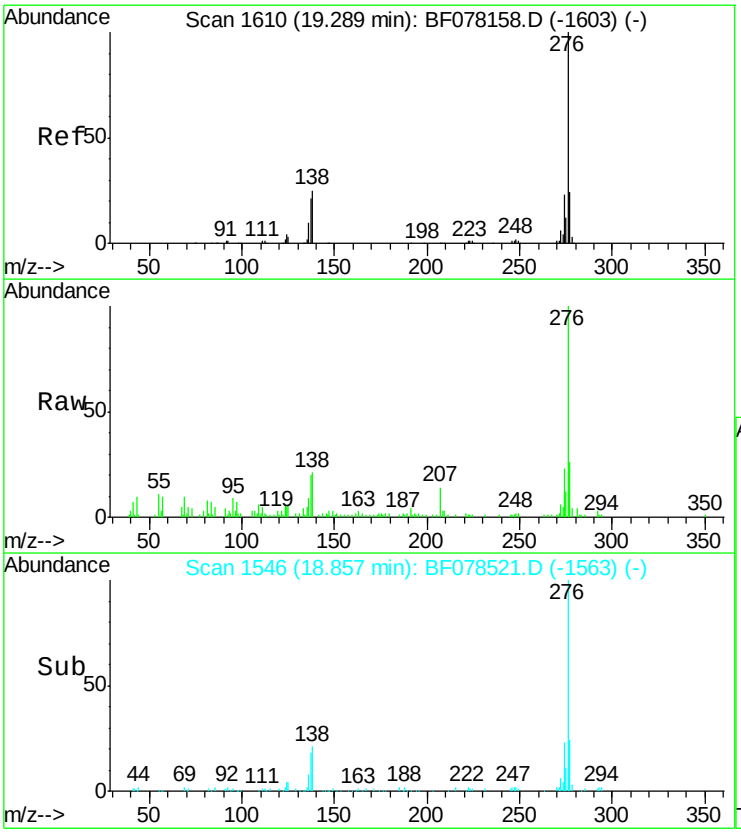
#90
Dibenzo(a,h)anthracene
Concen: 2.25 ng m
RT: 18.53 min Scan# 1517
Delta R.T. -0.31 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:278 Resp: 15681

Ion	Ratio	Lower	Upper
278	100		
139	21.5	13.6	20.4#
279	34.5	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 7.83 ng m
RT: 18.86 min Scan# 1546
Delta R.T. -0.30 min
Lab File: BF078521.D
Acq: 15 Apr 2015 1:44

Tgt Ion:276 Resp: 54792

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.0	28.4
138	21.4	19.9	29.9