Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078531.D
Acq On : 15 Apr 2015 8:41
Operator : TP/IZ
Sample : G1823-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5DL

Quant Time: Apr 15 08:44:26 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	26071	20.00	ng		0.00
21) Naphthalene-d8	8.39	136	114372	20.00	ng		0.00
38) Acenaphthene-d10	10.54	164	60449	20.00	ng		0.00
63) Phenanthrene-d10	12.37	188	126313	20.00	ng		0.00
75) Chrysene-d12	15.62	240	145236	20.00	ng		-0.03
86) Perylene-d12	17.36	264	147892	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	28746	18.18	ng		0.01
7) Phenol-d6	6.41	99	39192	19.78	ng		0.00
23) Nitrobenzene-d5	7.51	82	20466	10.85	ng		0.00
41) 2,4,6-Tribromophenol	11.52	330	9697	19.34	ng		0.00
44) 2-Fluorobiphenyl	9.74	172	49690	11.75	ng		0.00
78) Terphenyl-d14	14.35	244	67666	10.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.60	88	38704	54.13	ng	#	26
55) 4-Nitrophenol	10.80	139	1612	4.75	ng	#	18
70) Phenanthrene	12.39	178	87076	11.92	ng		100
71) Anthracene	12.46	178	25247	3.51	ng		98
74) Fluoranthene	13.85	202	193606	25.13	ng		96
77) Pyrene	14.13	202	175718	19.27	ng	#	92
80) Benzo(a)anthracene	15.61	228	112183	12.98	ng		98
82) Chrysene	15.66	228	88396	10.89	ng		97
87) Benzo(b)fluoranthene	16.91	252	162531	17.78	ng	#	96
88) Benzo(k)fluoranthene	16.91	252	163455	20.12	ng		97
89) Benzo(a)pyrene	17.29	252	82698	10.37	ng	#	95
91) Benzo(g,h,i)perylene	18.95	276	32590	4.07	ng		100

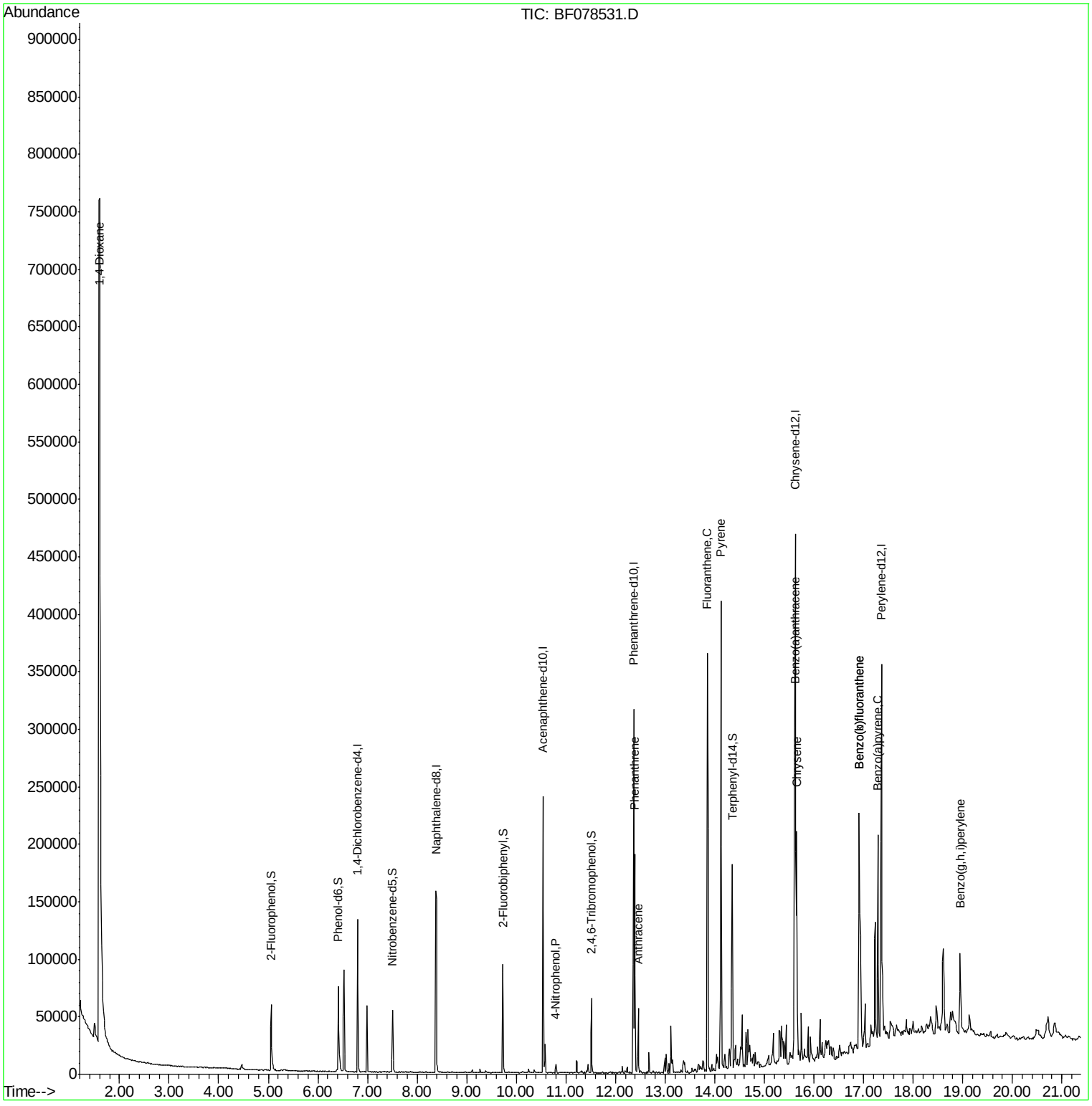
(#) = qualifier out of range (m) = manual integration (+) = signals summed

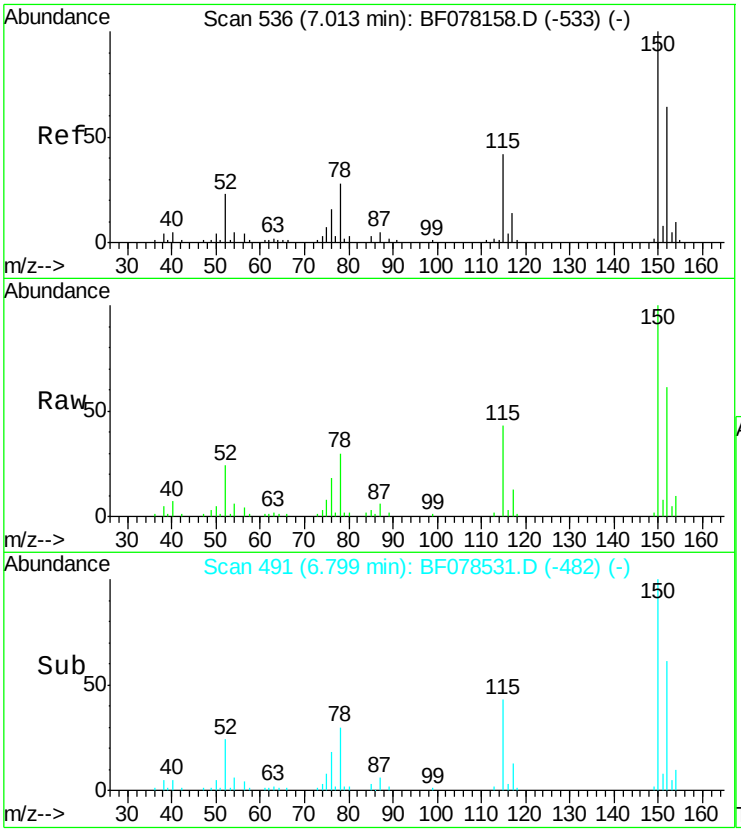
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078531.D
Acq On : 15 Apr 2015 8:41
Operator : TP/IZ
Sample : G1823-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Quant Time: Apr 15 08:44:26 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



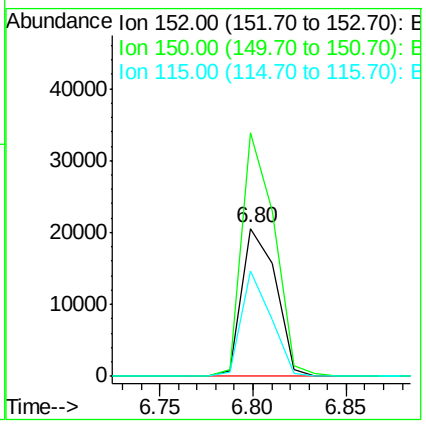


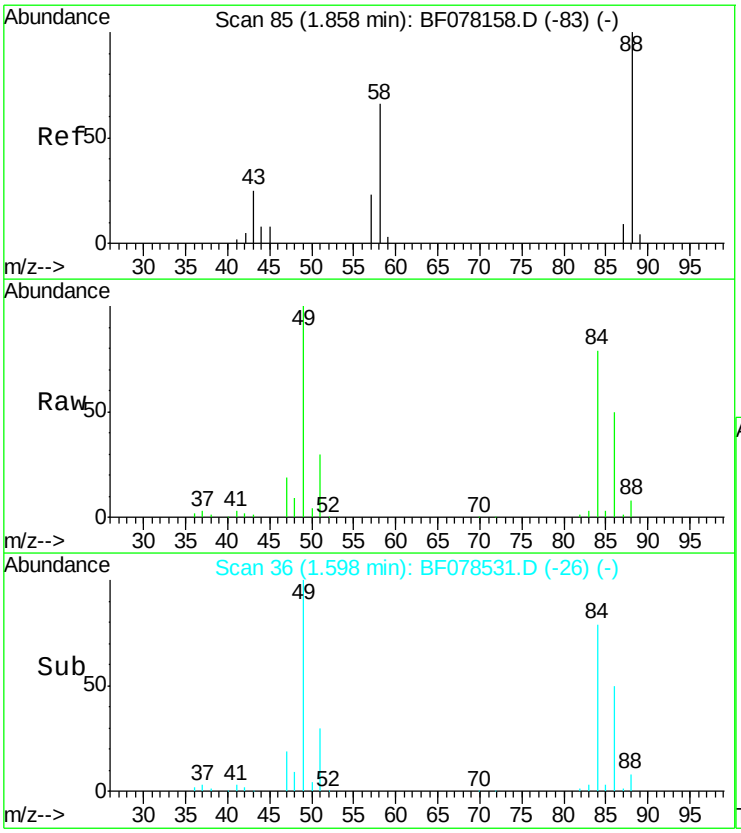
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:152 Resp: 26071

Ion	Ratio	Lower	Upper
152	100		
150	164.3	125.9	188.9
115	71.5	52.7	79.1

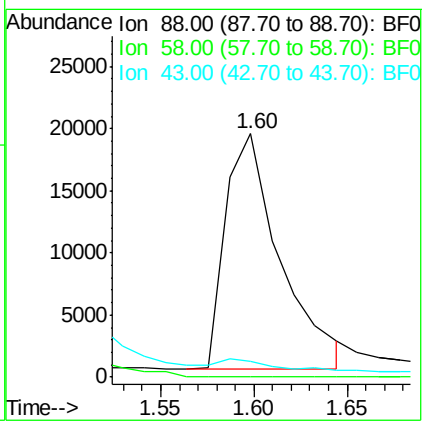


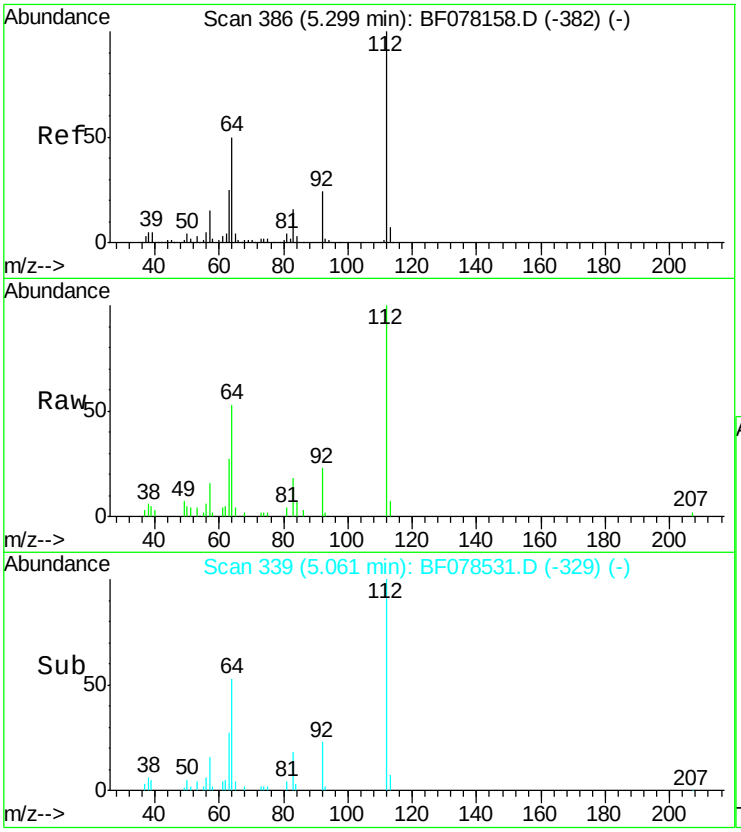


#2
1,4-Dioxane
Concen: 54.13 ng
RT: 1.60 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion: 88 Resp: 38704

Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	4.5	21.4	32.2#



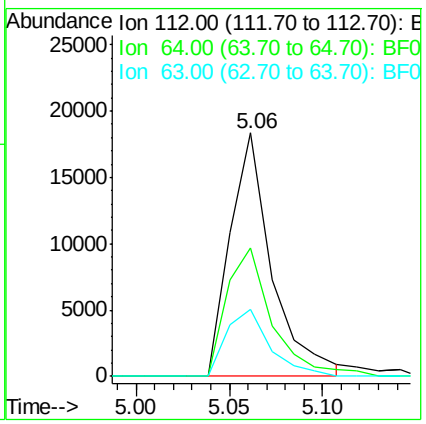


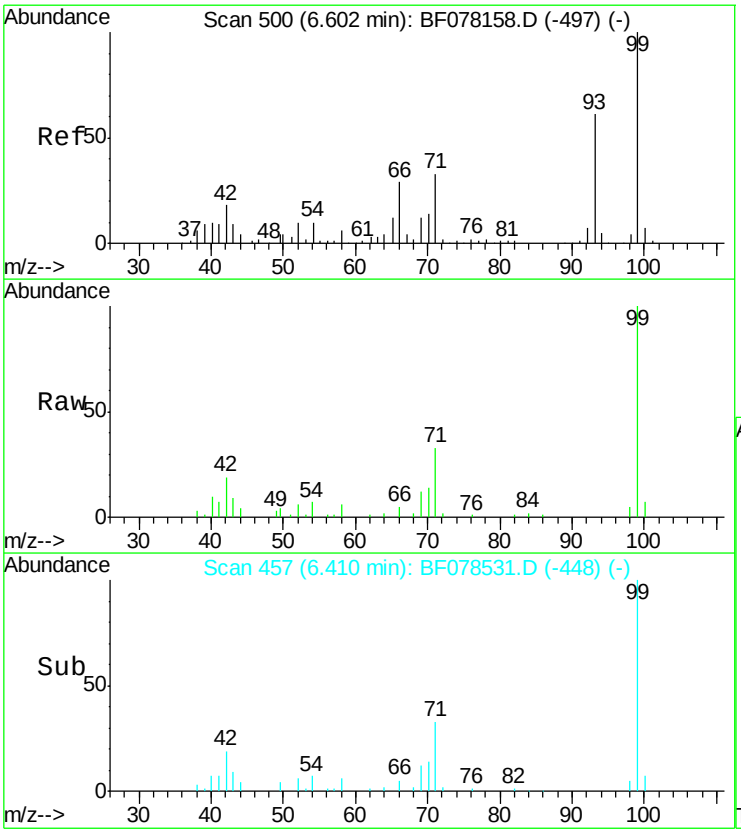
#5
2-Fluorophenol
Concen: 18.18 ng
RT: 5.06 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:112 Resp: 28746

Ion	Ratio	Lower	Upper
112	100		
64	52.9	39.9	59.9
63	27.2	20.2	30.4

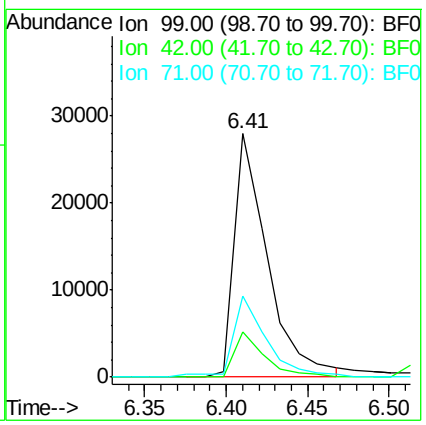


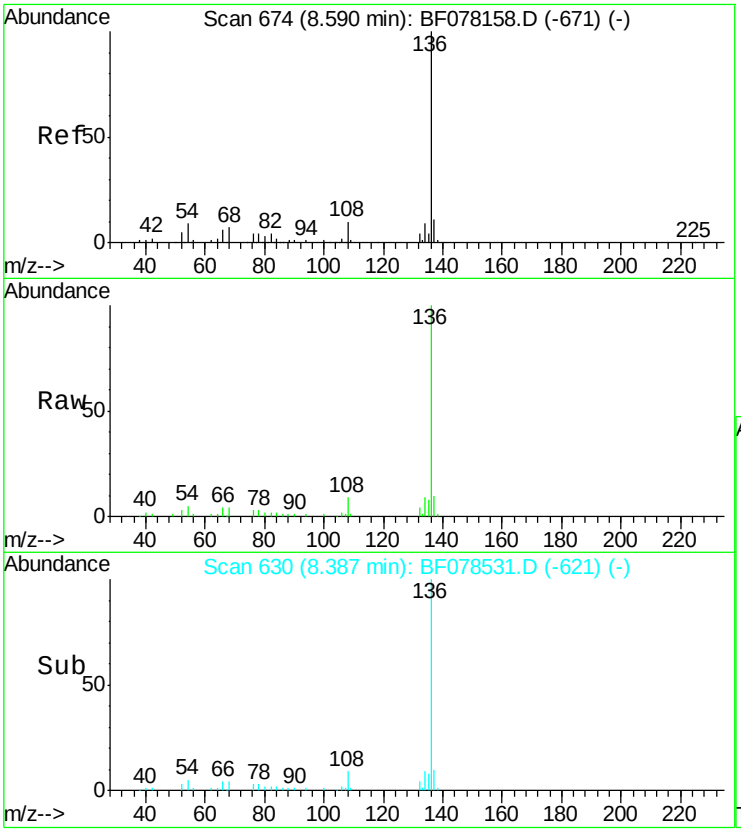


#7
Phenol-d6
Concen: 19.78 ng
RT: 6.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion: 99 Resp: 39192

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.8	22.2
71	33.1	26.6	39.8



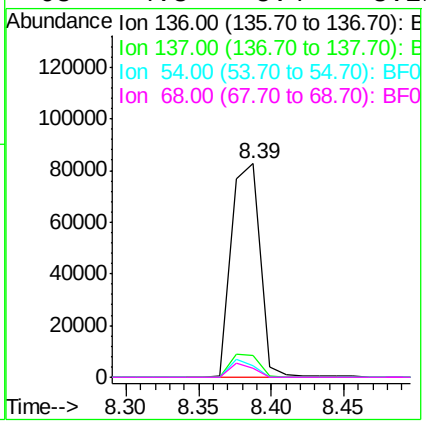


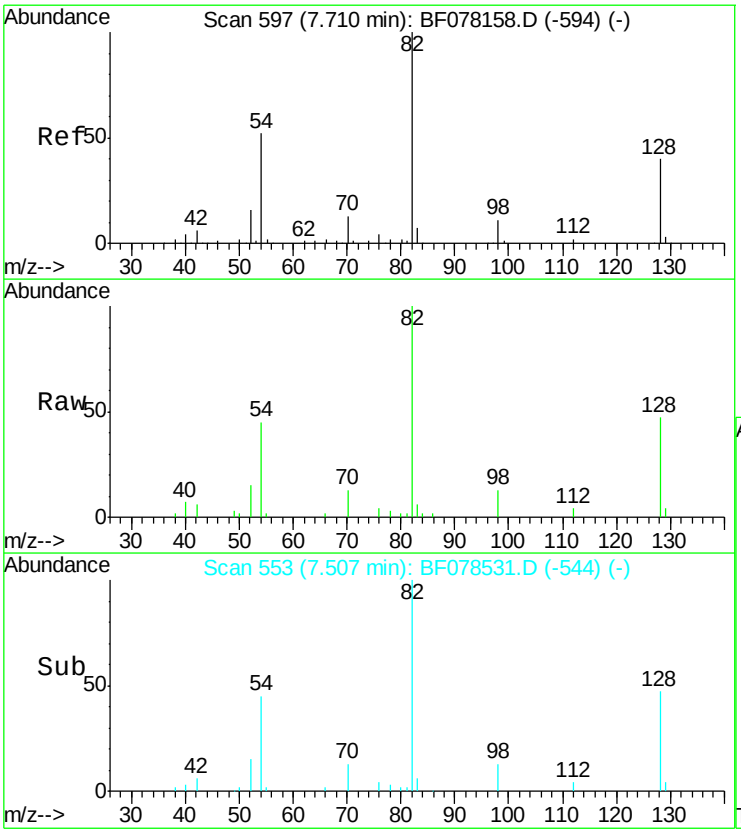
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.39 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:136 Resp: 114372

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	5.2	7.0	10.6#
68	4.3	5.4	8.2#

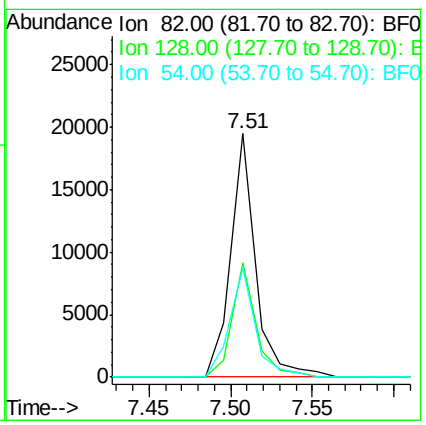


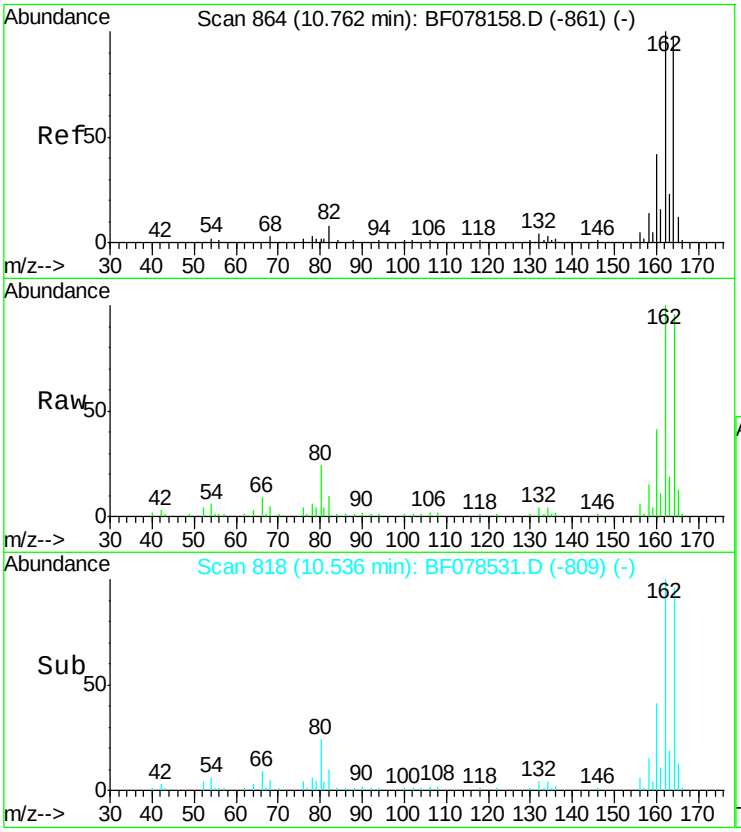


#23
Nitrobenzene-d5
Concen: 10.85 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion: 82 Resp: 20466

Ion	Ratio	Lower	Upper
82	100		
128	47.0	31.8	47.8
54	44.9	41.5	62.3



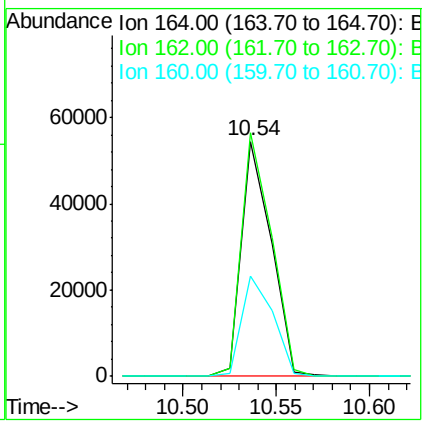


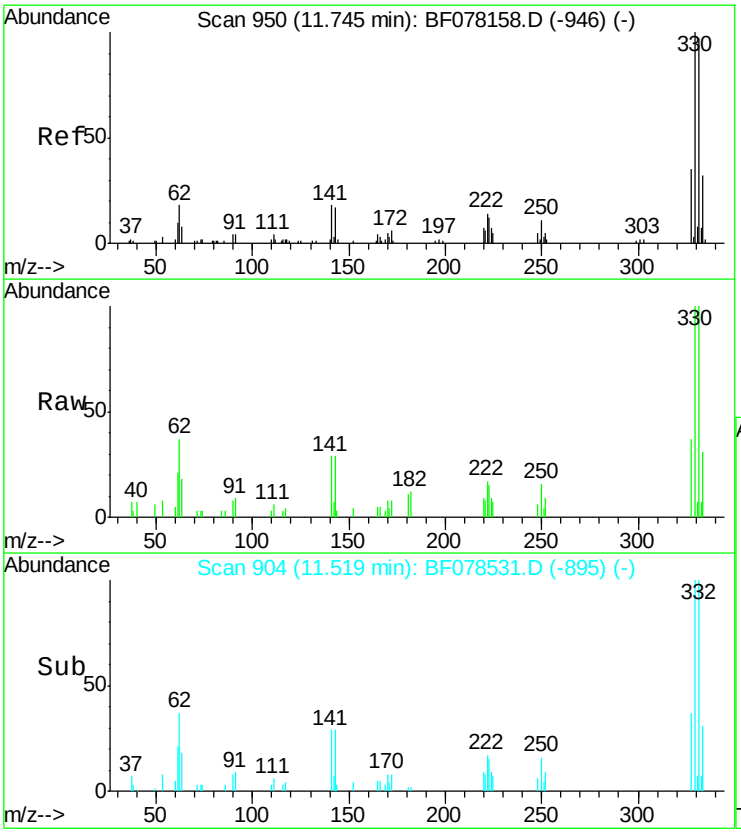
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:164 Resp: 60449

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.2
160	42.7	34.7	52.1

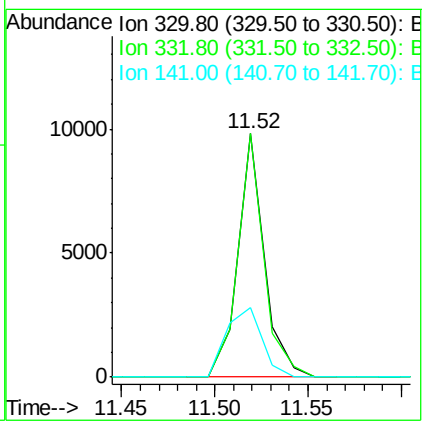


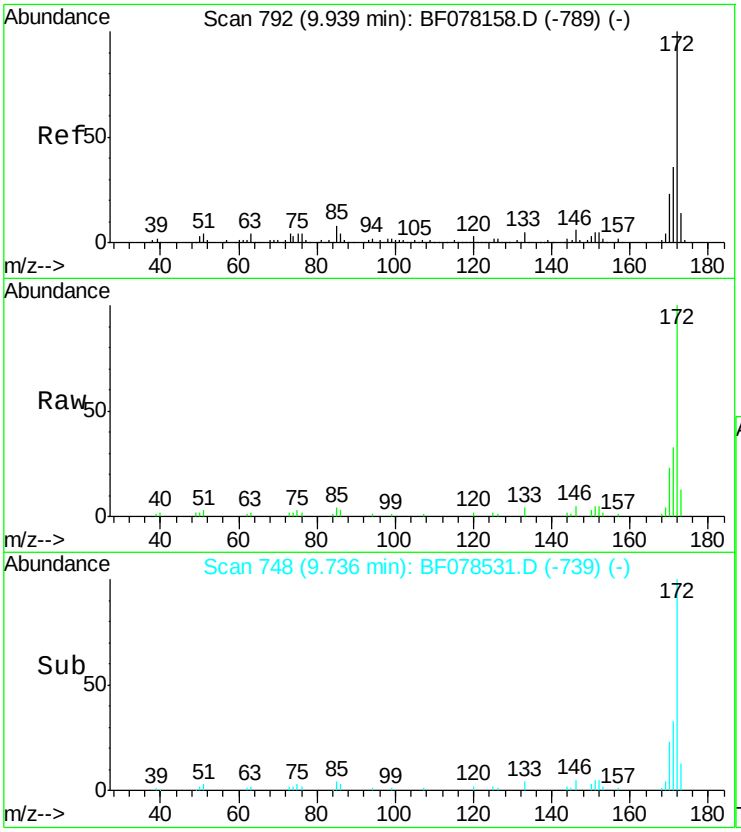


#41
2,4,6-Tribromophenol
Concen: 19.34 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:330 Resp: 9697

Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.6	117.8
141	38.9	31.2	46.8



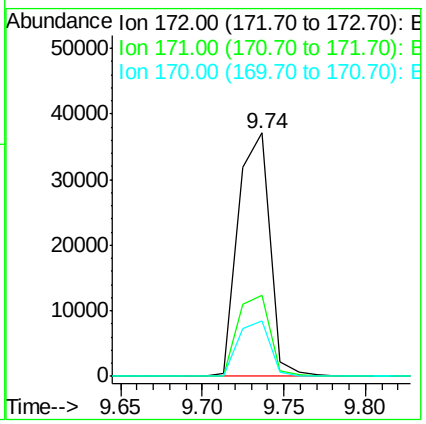


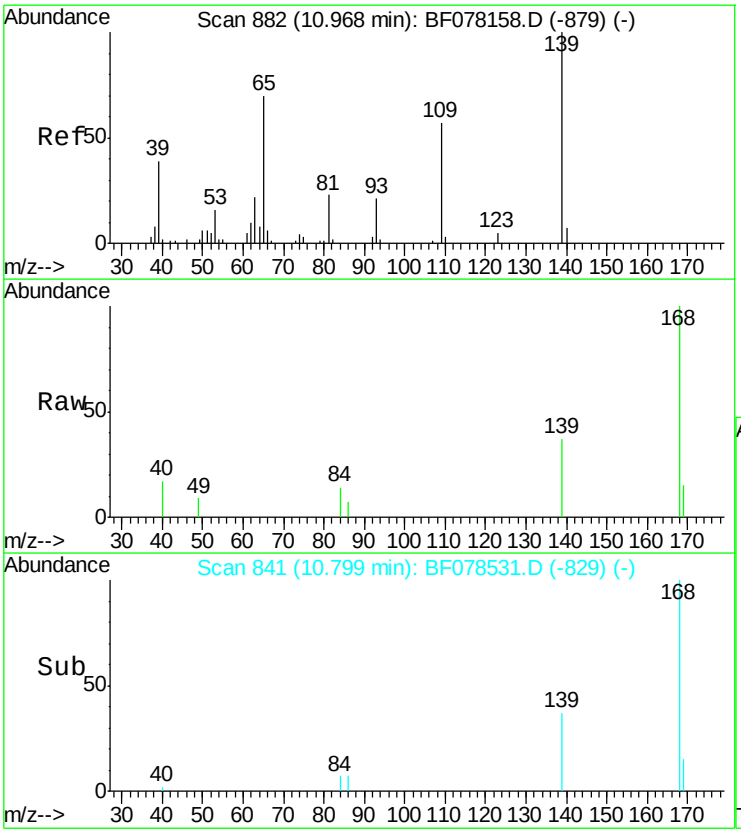
#44
2-Fluorobiphenyl
Concen: 11.75 ng
RT: 9.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:172 Resp: 49690

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.6	42.8
170	23.0	18.5	27.7

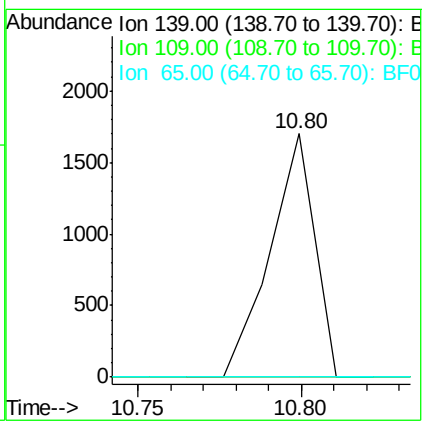


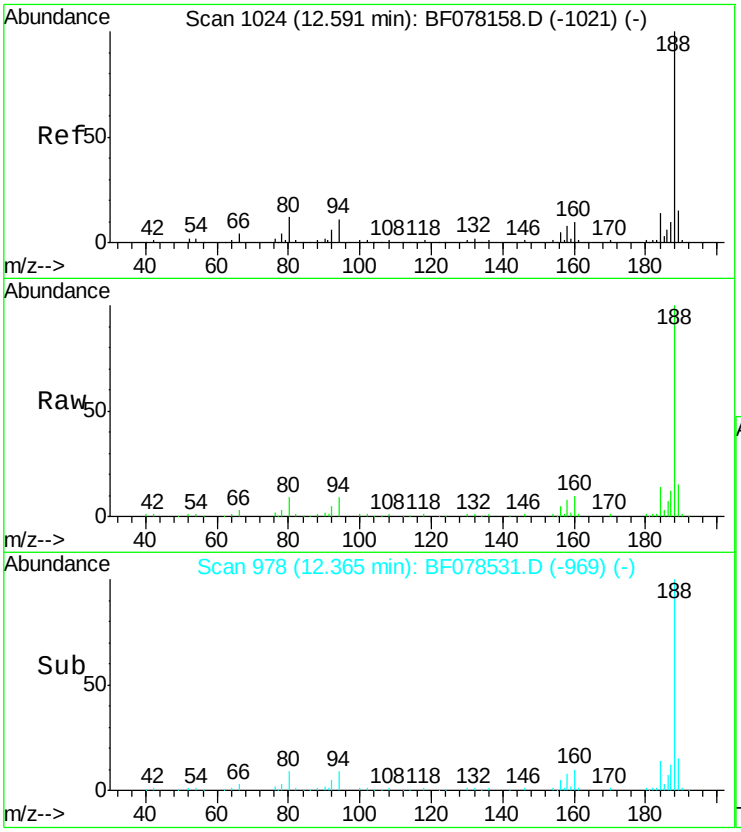


#55
4-Nitrophenol
Concen: 4.75 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.03 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:139 Resp: 1612

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



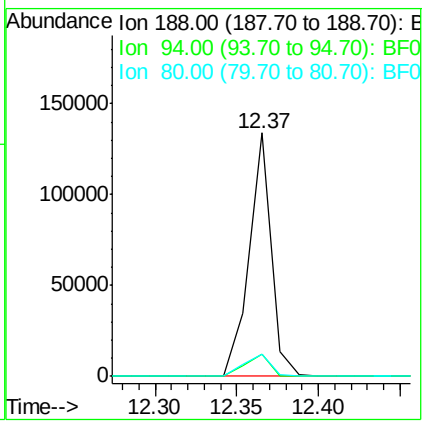


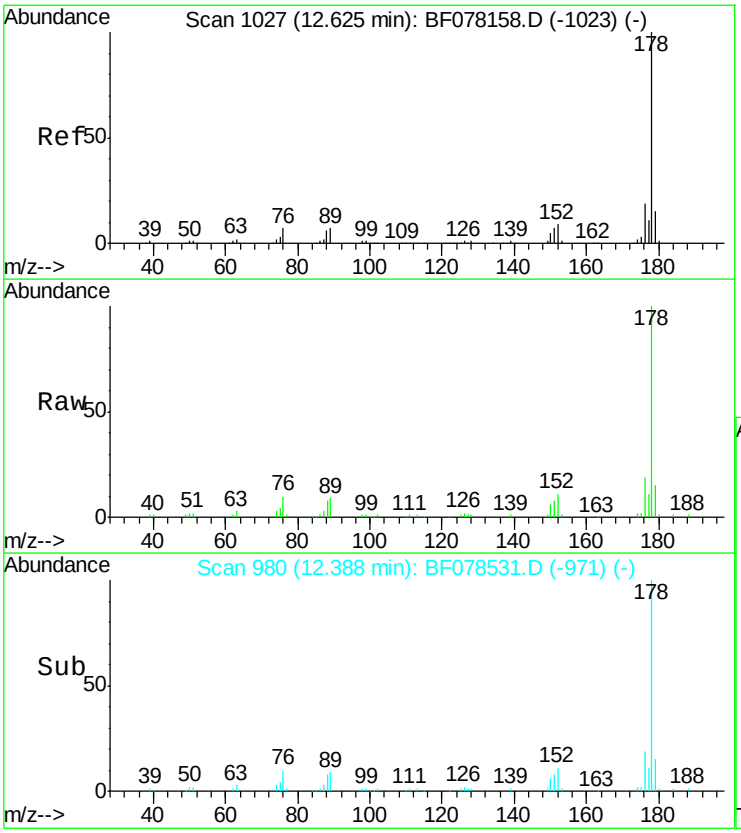
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:188 Resp: 126313

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.4	9.5	14.3#

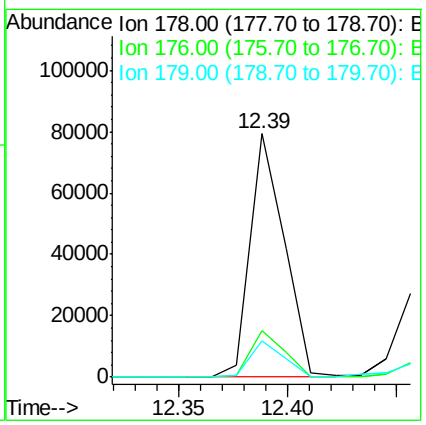


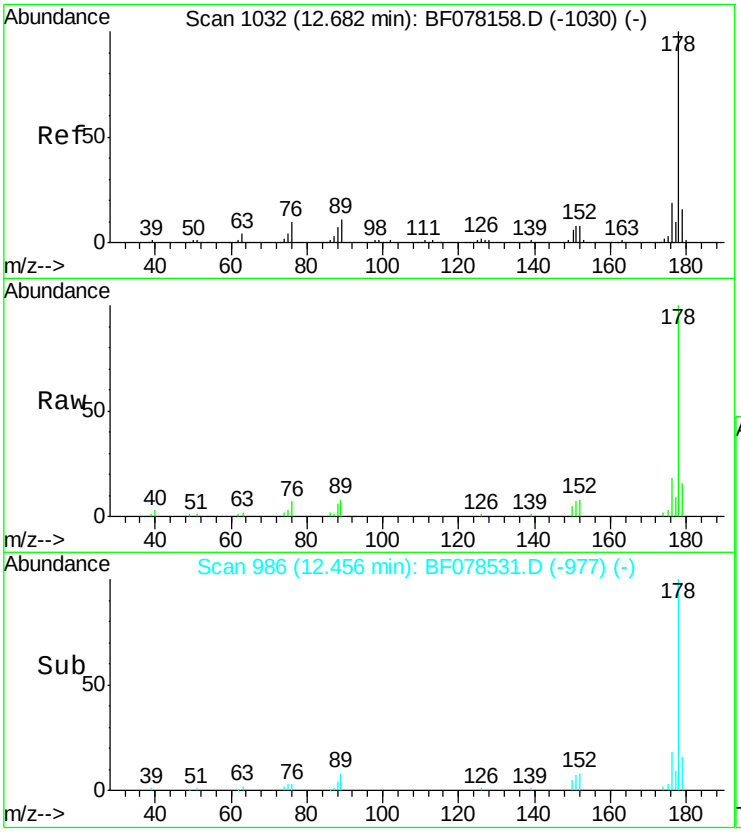


#70
Phenanthrene
Concen: 11.92 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:178 Resp: 87076

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



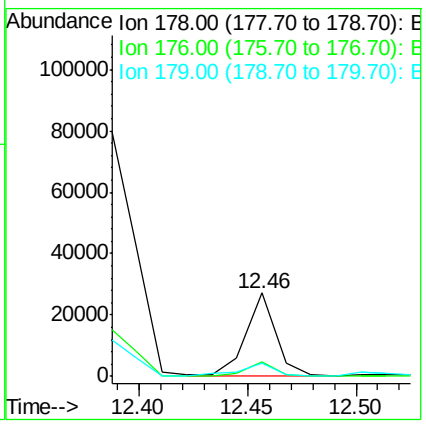


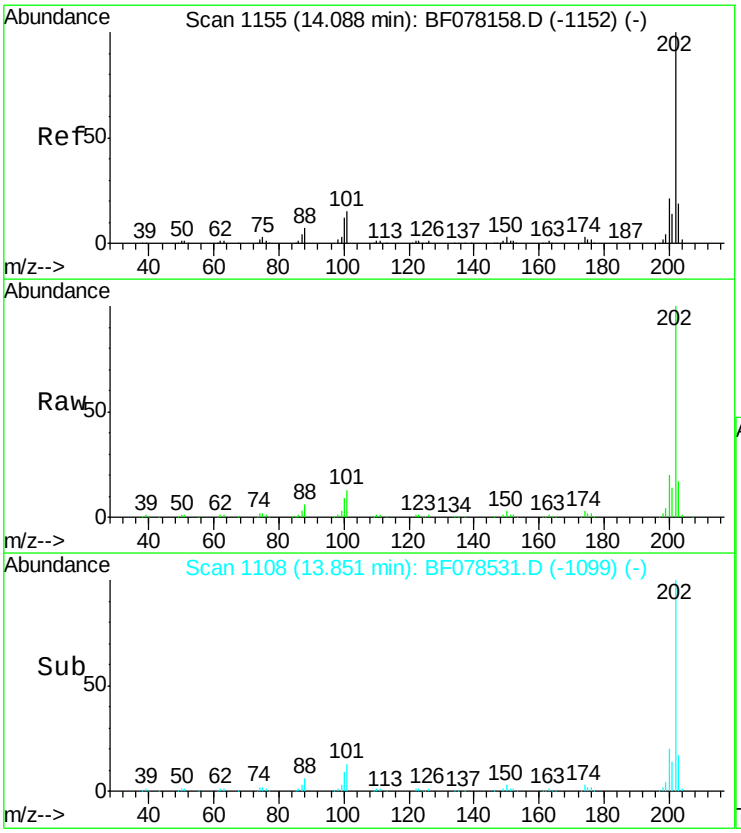
#71
Anthracene
Concen: 3.51 ng
RT: 12.46 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:178 Resp: 25247

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.8	22.2
179	16.0	12.4	18.6

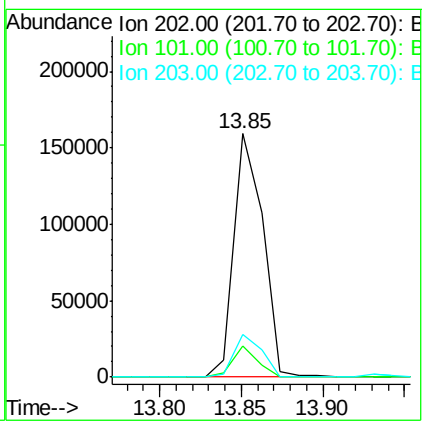


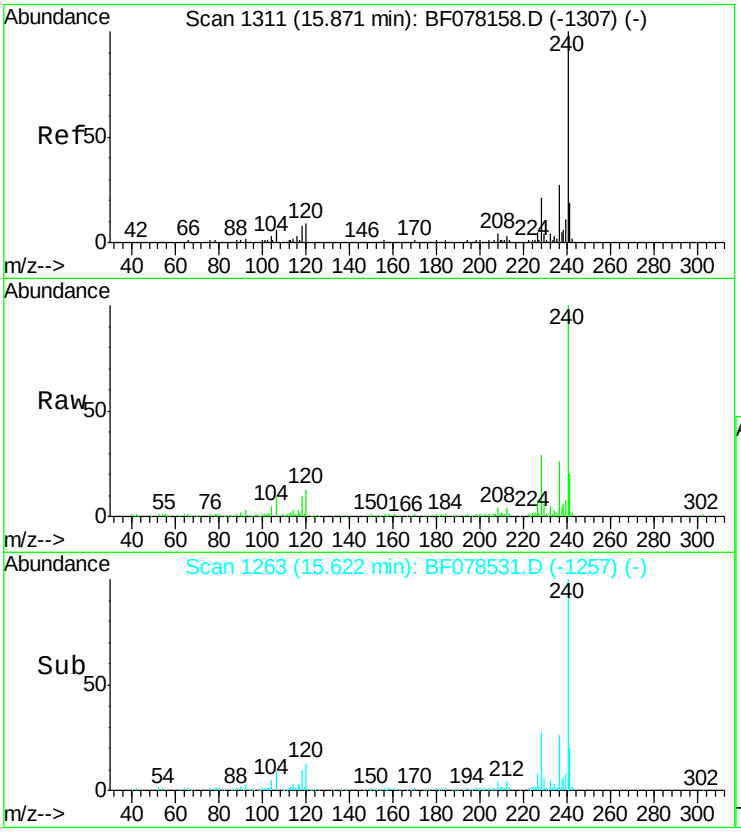


#74
Fluoranthene
Concen: 25.13 ng
RT: 13.85 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:202 Resp: 193606

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	35.2
203	17.4	0.0	38.5



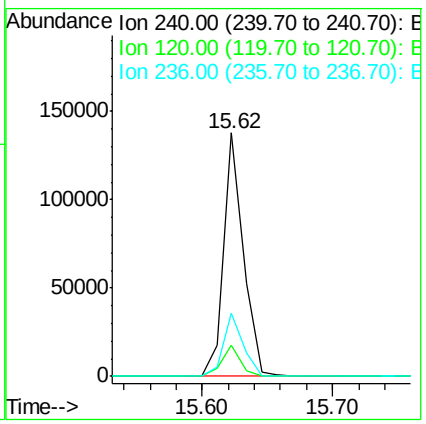


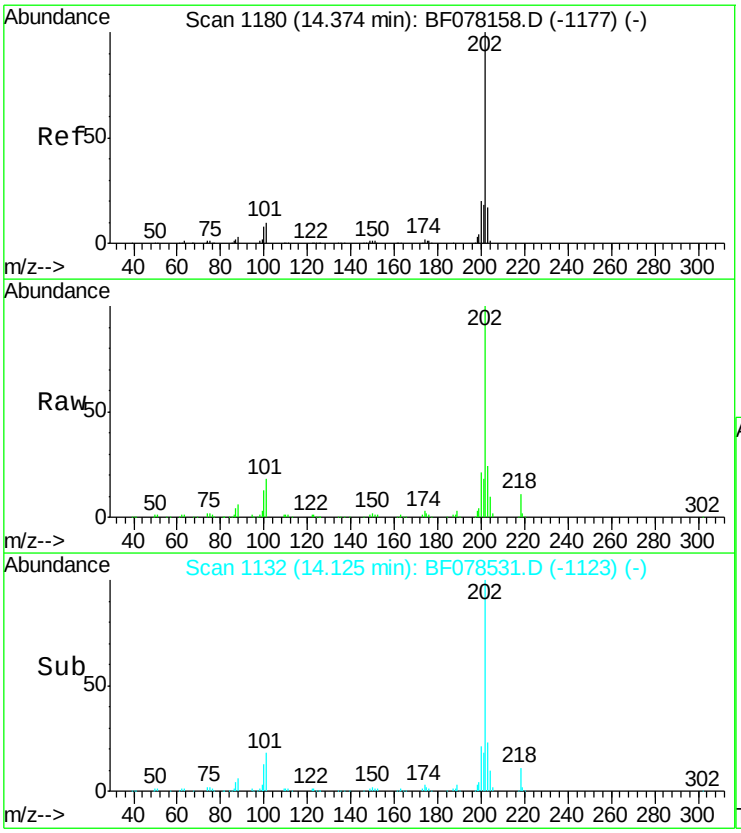
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:240 Resp: 145236

Ion	Ratio	Lower	Upper
240	100		
120	12.6	7.1	10.7#
236	25.7	21.4	32.2

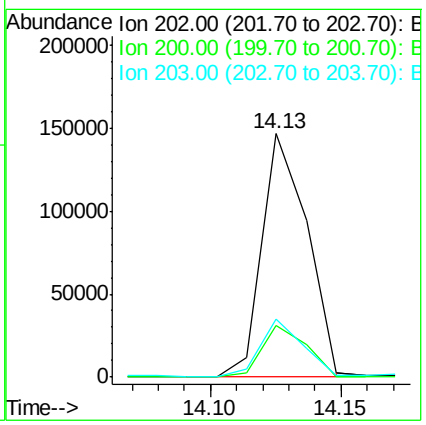


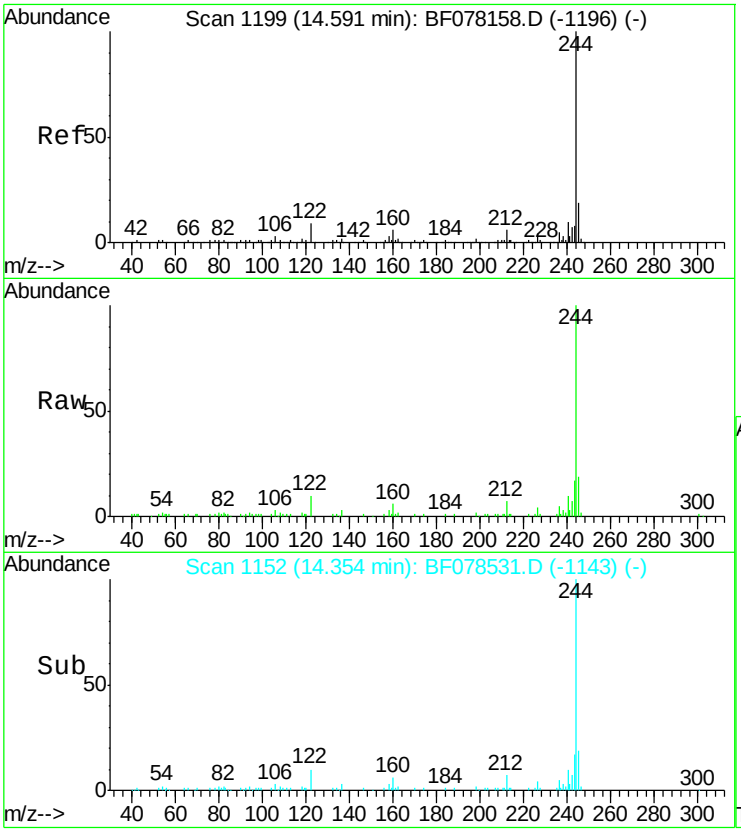


#77
Pyrene
Concen: 19.27 ng
RT: 14.13 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:202 Resp: 175718

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	23.6	13.8	20.6#



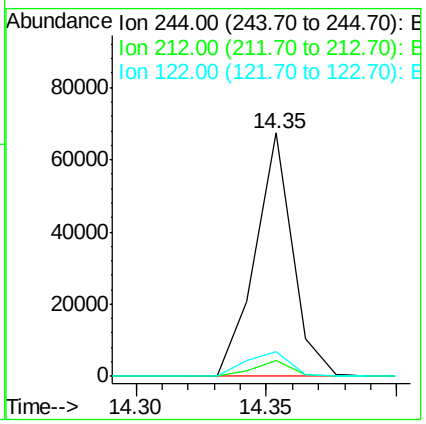


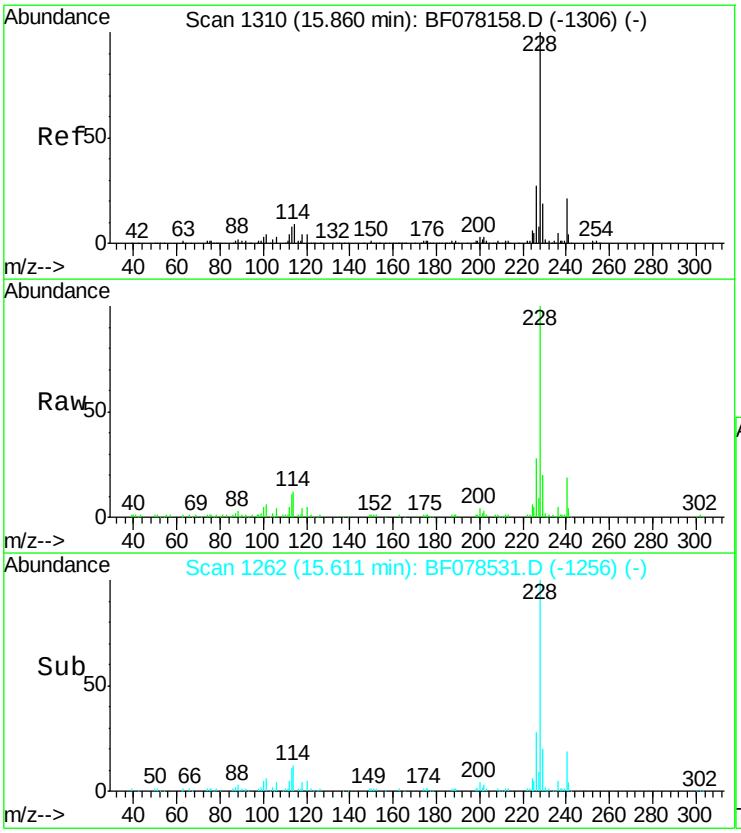
#78
Terphenyl-d14
Concen: 10.53 ng
RT: 14.35 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:244 Resp: 67666

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	10.4	7.1	10.7

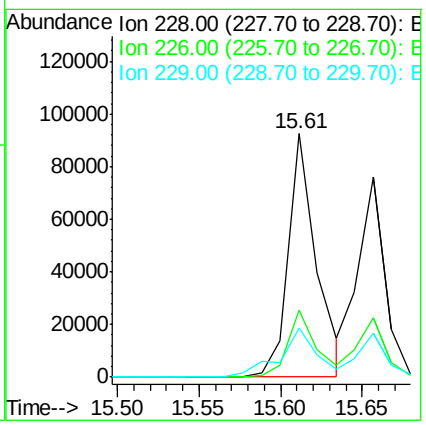


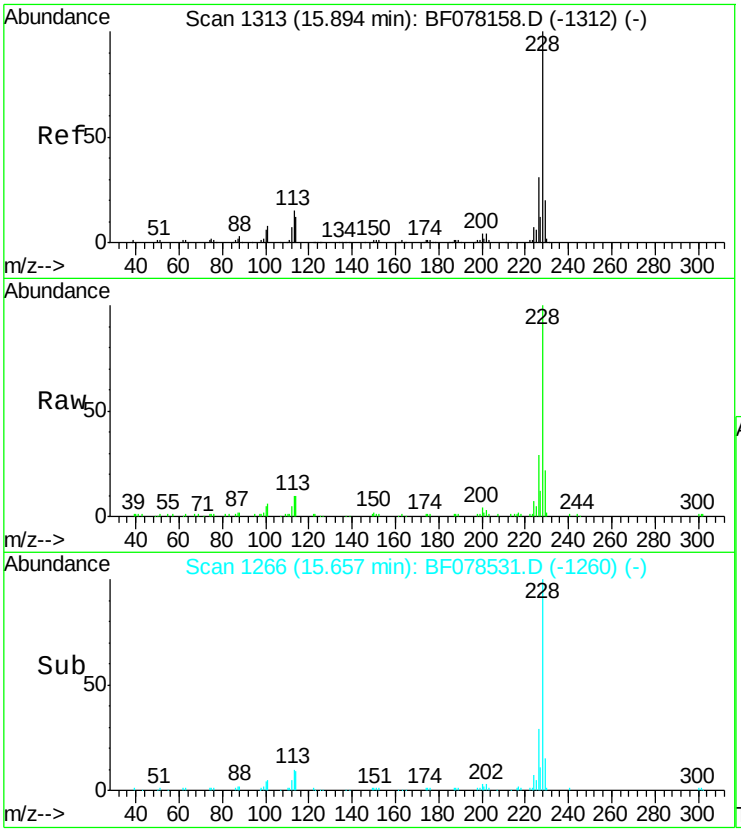


#80
Benzo(a)anthracene
Concen: 12.98 ng
RT: 15.61 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:228 Resp: 112183

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.3	31.9
229	20.2	15.4	23.2



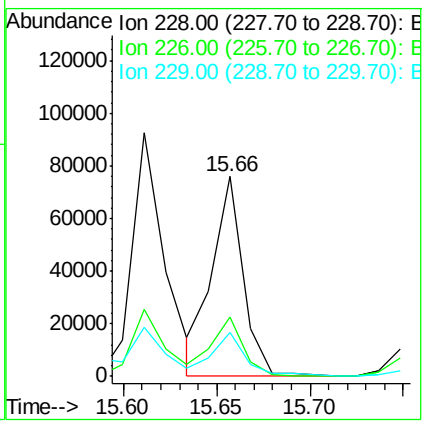


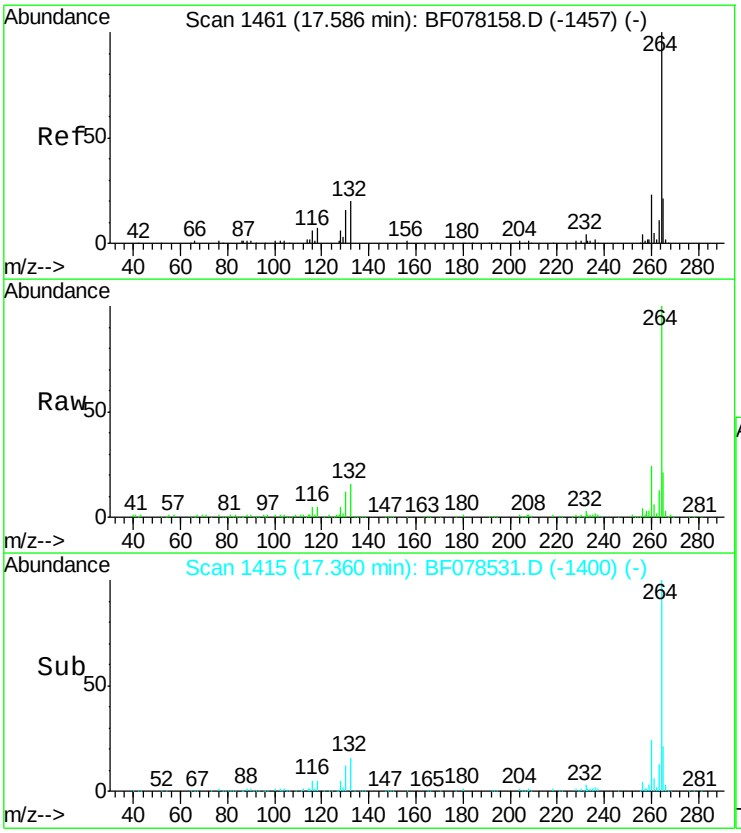
#82
Chrysene
Concen: 10.89 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:228 Resp: 88396

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.4
229	22.2	15.8	23.8

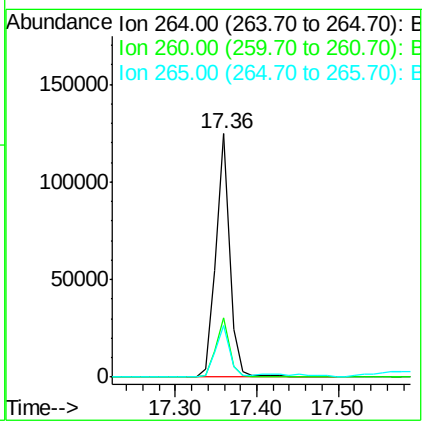


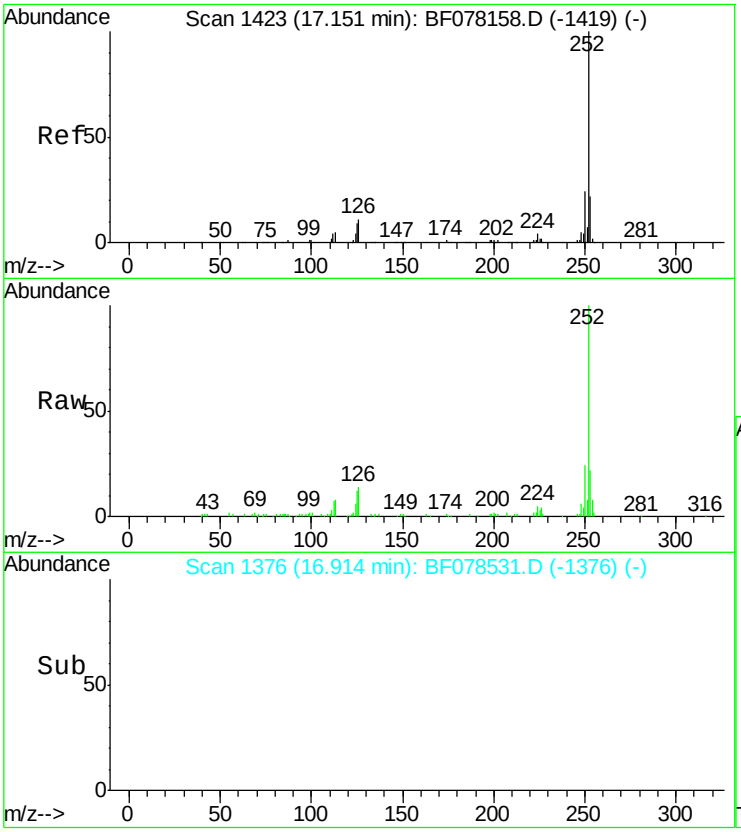


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.36 min Scan# 1415
Delta R.T. -0.13 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:264 Resp: 147892

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.3	17.0	25.6



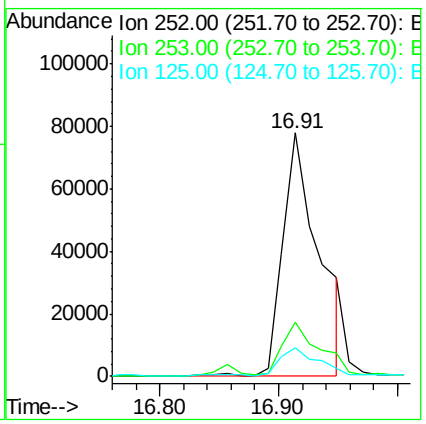


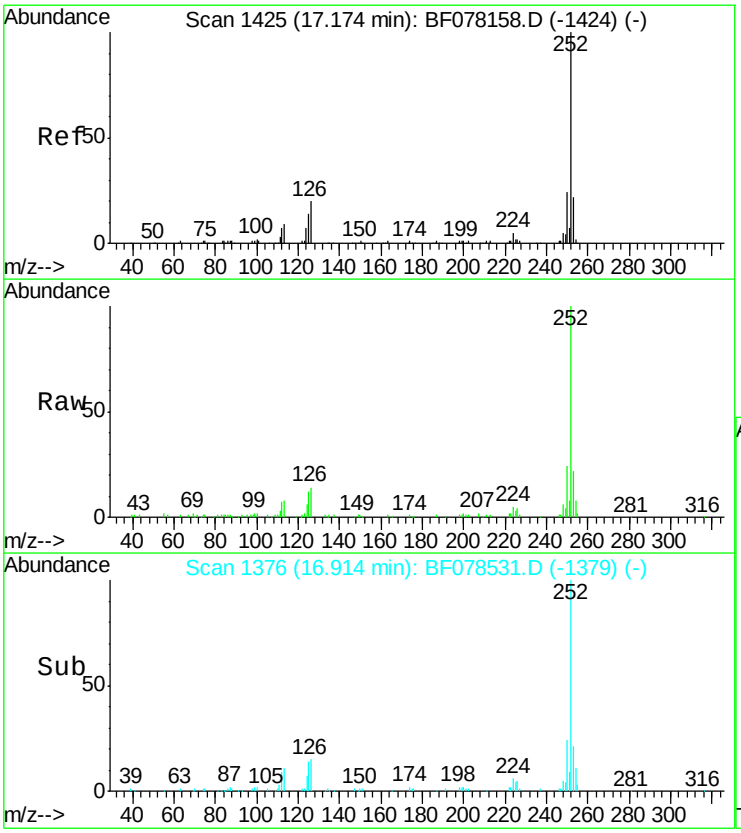
#87
Benzo(b)fluoranthene
Concen: 17.78 ng
RT: 16.91 min Scan# 1376
Delta R.T. -0.10 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:252 Resp: 162531

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.9	7.0	10.4#

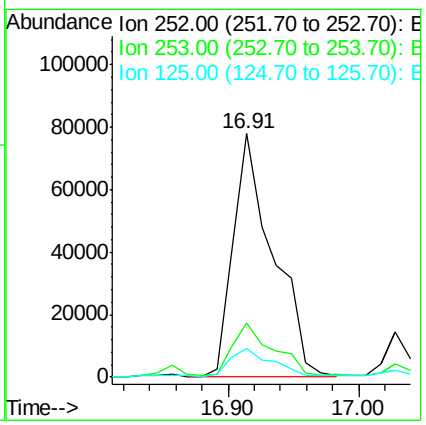


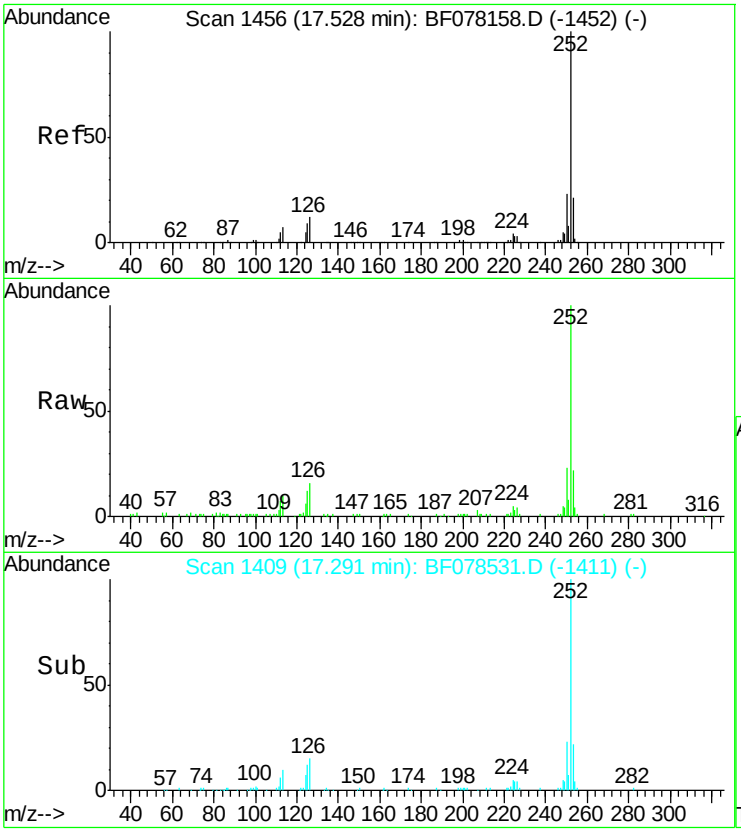


#88
Benzo(k)fluoranthene
Concen: 20.12 ng
RT: 16.91 min Scan# 1376
Delta R.T. -0.14 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:252 Resp: 163455

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.9	11.6	17.4



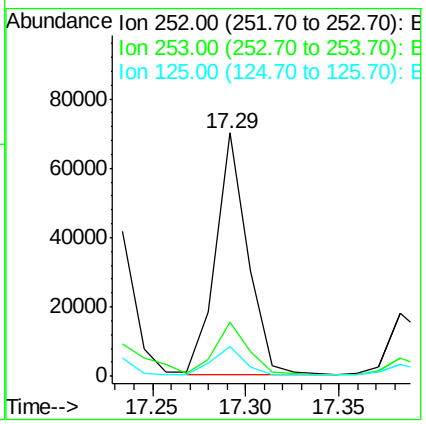


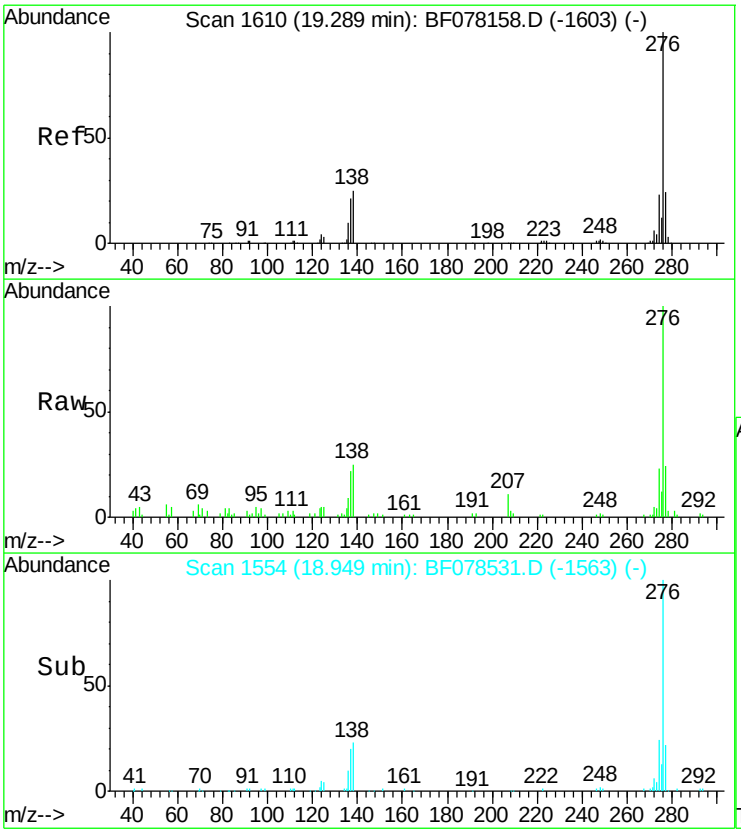
#89
Benzo(a)pyrene
Concen: 10.37 ng
RT: 17.29 min Scan# 1409
Delta R.T. -0.13 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:252 Resp: 82698

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.8	25.2
125	12.1	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 4.07 ng
RT: 18.95 min Scan# 1554
Delta R.T. -0.21 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:276 Resp: 32590

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	24.8	19.9	29.9