Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078590.D
Acq On : 17 Apr 2015 4:41
Operator : TP/IZ
Sample : G1828-05DL 50X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB03ADL

Quant Time: Apr 17 05:08:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 03:45:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	24040	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	105227	20.00	ng		0.00
38) Acenaphthene-d10	10.42	164	56479	20.00	ng		0.00
63) Phenanthrene-d10	12.24	188	112173	20.00	ng		0.00
75) Chrysene-d12	15.49	240	130600	20.00	ng		-0.01
86) Perylene-d12	17.13	264	134767	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	1309	0.90	ng		0.02
7) Phenol-d6	6.31	99	2311	1.26	ng		0.01
23) Nitrobenzene-d5	7.40	82	1226	0.71	ng		0.01
41) 2,4,6-Tribromophenol	11.40	330	575	1.23	ng		0.01
44) 2-Fluorobiphenyl	9.62	172	3537	0.90	ng		0.00
78) Terphenyl-d14	14.23	244	5190	0.90	ng		0.00
Target Compounds							Qvalue
51) Acenaphthene	10.46	154	11784	3.57	ng		99
55) 4-Nitrophenol	10.67	139	2173	5.64	ng	#	18
57) Fluorene	11.10	166	12919	3.16	ng		96
70) Phenanthrene	12.27	178	172821	26.63	ng		99
71) Anthracene	12.33	178	29119	4.55	ng		97
74) Fluoranthene	13.73	202	280623	41.01	ng		96
77) Pyrene	14.00	202	226125	27.58	ng	#	93
80) Benzo(a)anthracene	15.47	228	90962	11.71	ng		99
82) Chrysene	15.52	228	82978	11.37	ng		97
85) Indeno(1,2,3-cd)pyrene	18.29	276	53620	6.47	ng	#	80
87) Benzo(b)fluoranthene	16.72	252	143835	17.27	ng	#	97
88) Benzo(k)fluoranthene	16.72	252	144144	19.47	ng	#	97
89) Benzo(a)pyrene	17.07	252	78523	10.80	ng		98
91) Benzo(g,h,i)perylene	18.61	276	49803	6.83	ng		98

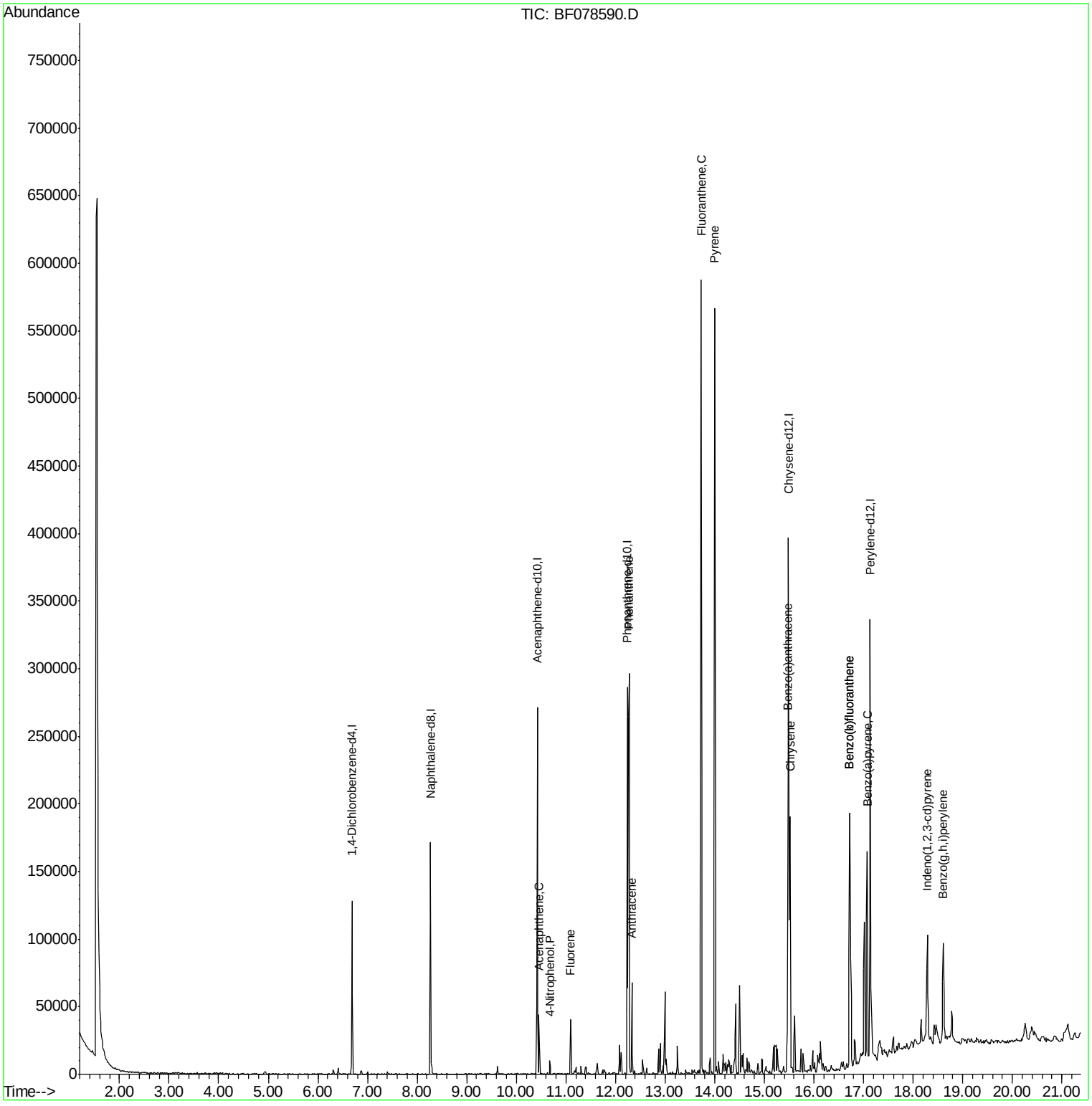
(#) = qualifier out of range (m) = manual integration (+) = signals summed

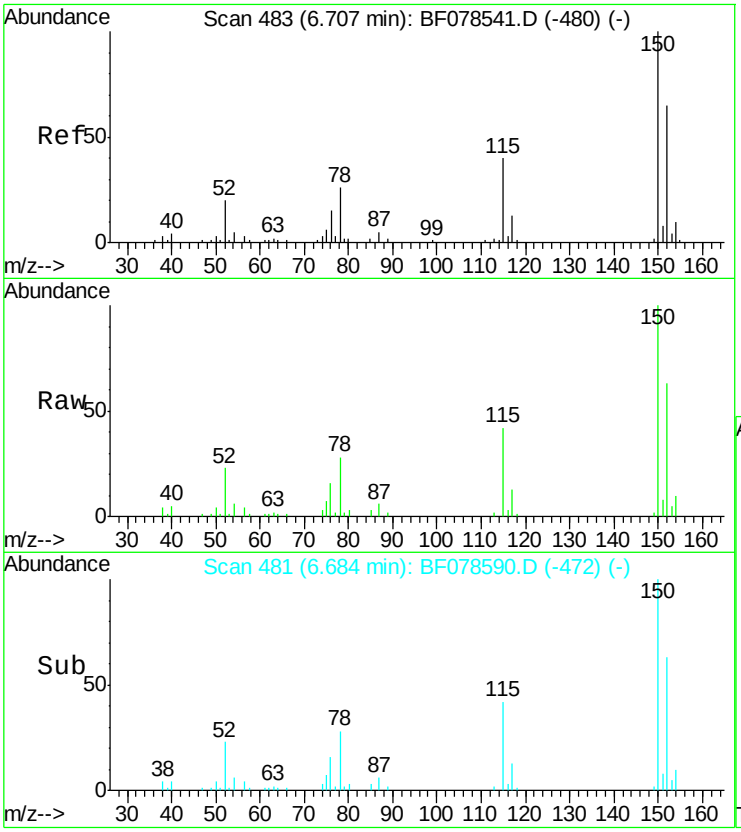
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078590.D
Acq On : 17 Apr 2015 4:41
Operator : TP/IZ
Sample : G1828-05DL 50X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Quant Time: Apr 17 05:08:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 03:45:36 2015
Response via : Initial Calibration



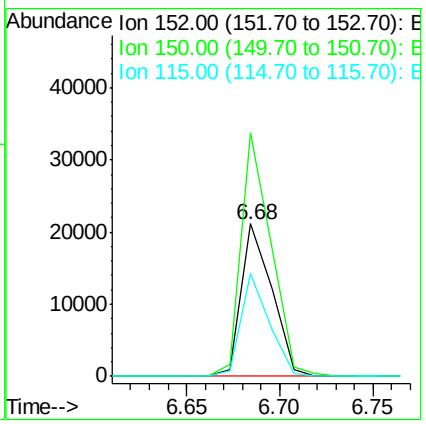


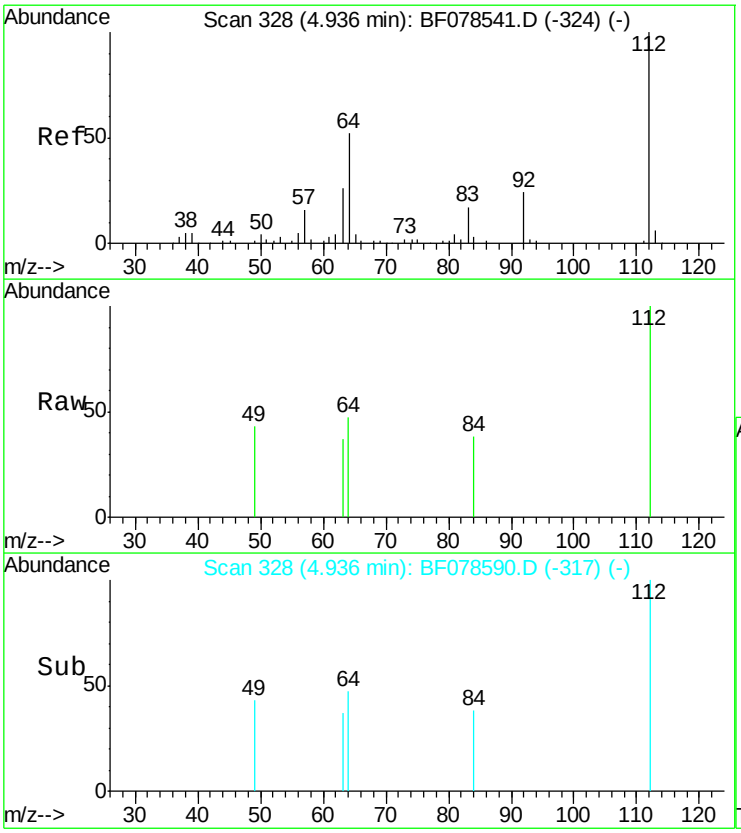
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion:152 Resp: 24040

Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.9	188.9
115	67.1	52.7	79.1

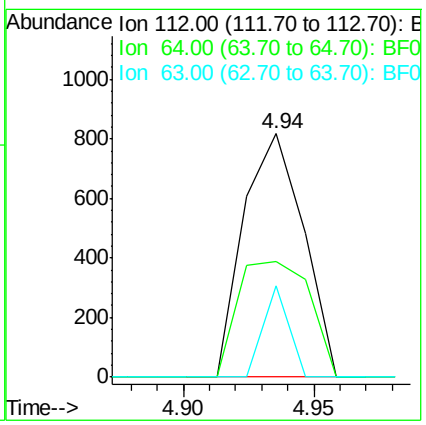


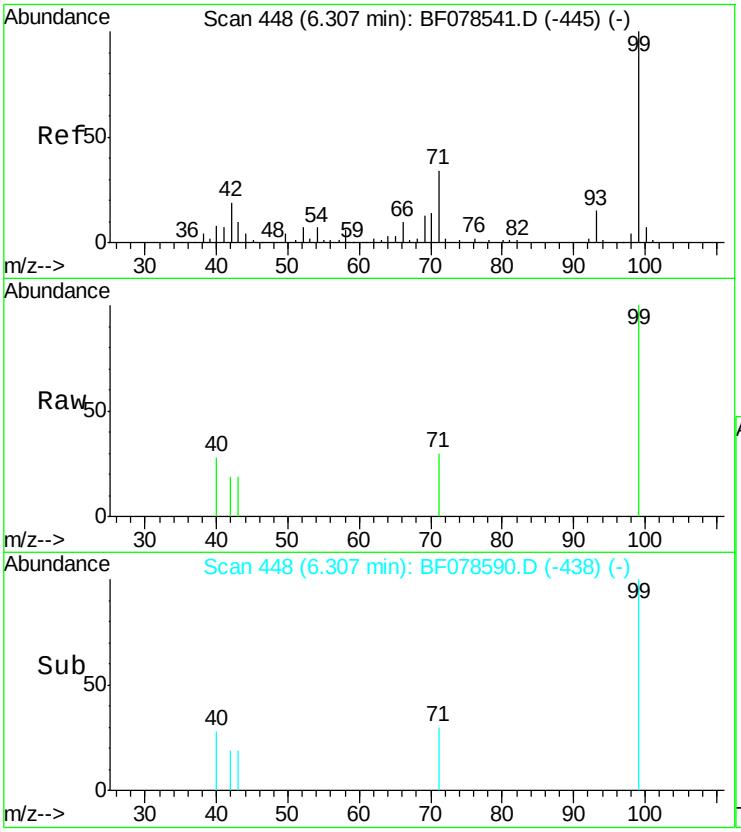


#5
2-Fluorophenol
Concen: 0.90 ng
RT: 4.94 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:112 Resp: 1309

Ion	Ratio	Lower	Upper
112	100		
64	47.3	39.9	59.9
63	37.4	20.2	30.4#



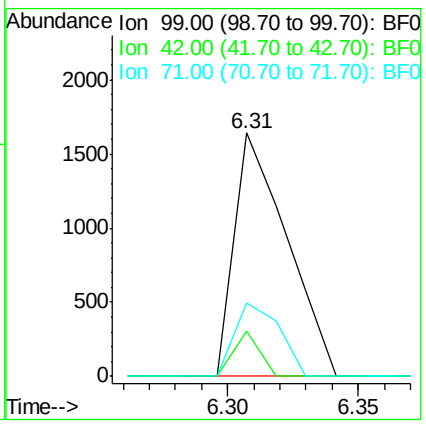


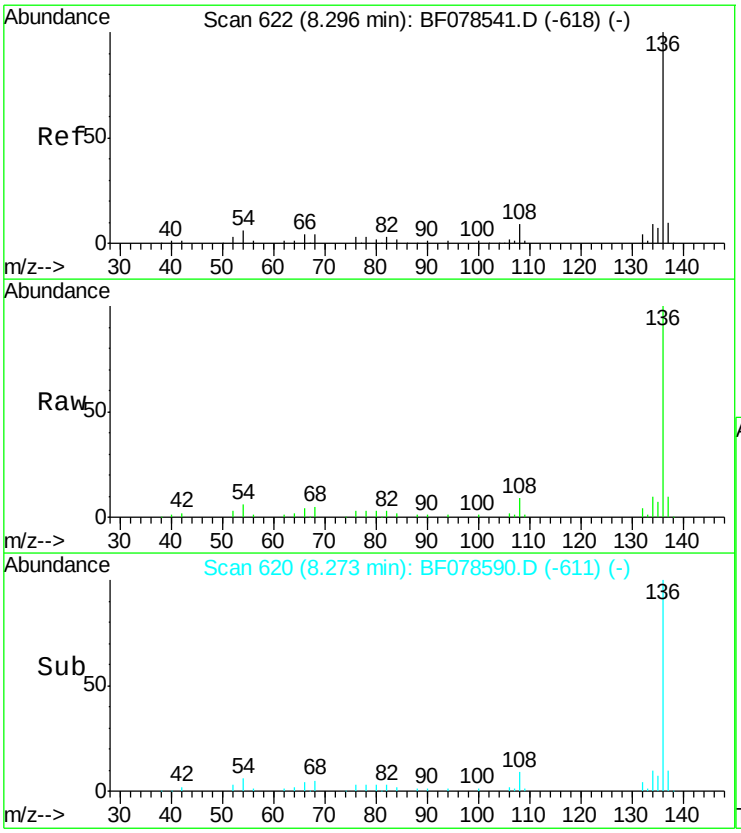
#7
Phenol-d6
Concen: 1.26 ng
RT: 6.31 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion: 99 Resp: 2311

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	30.0	26.6	39.8

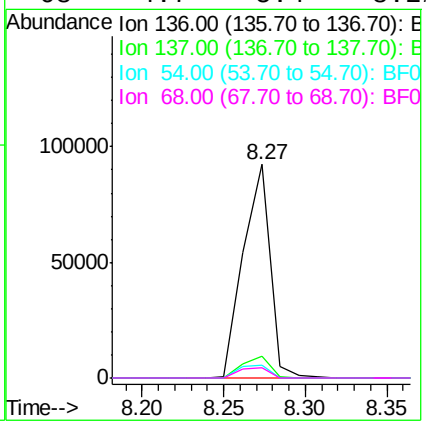


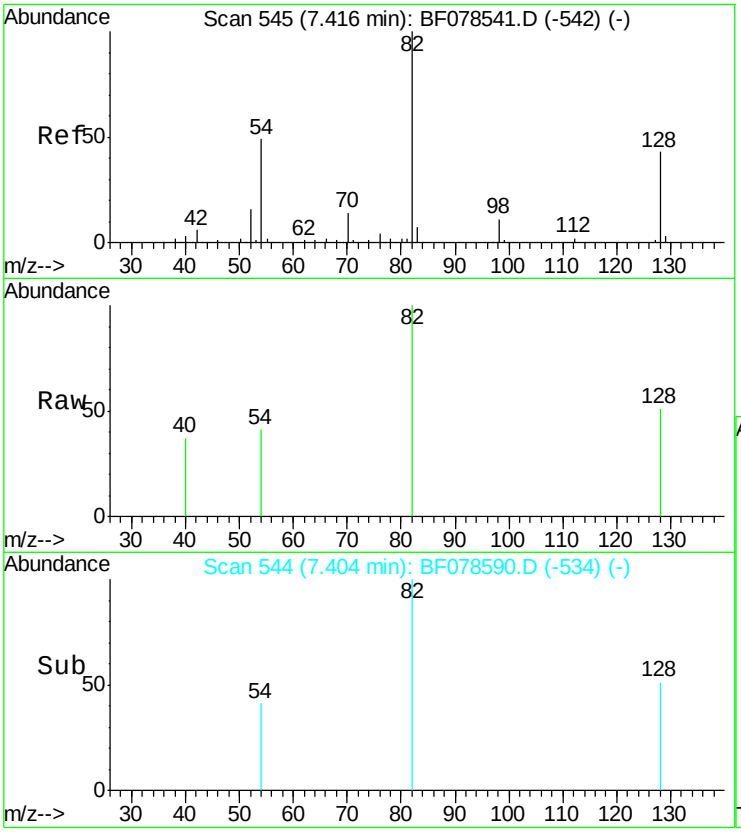


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:136 Resp: 105227

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	6.0	7.0	10.6#
68	4.7	5.4	8.2#



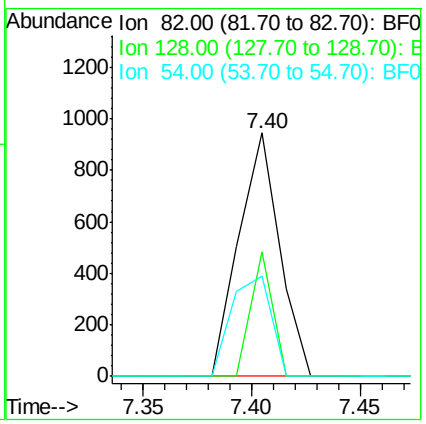


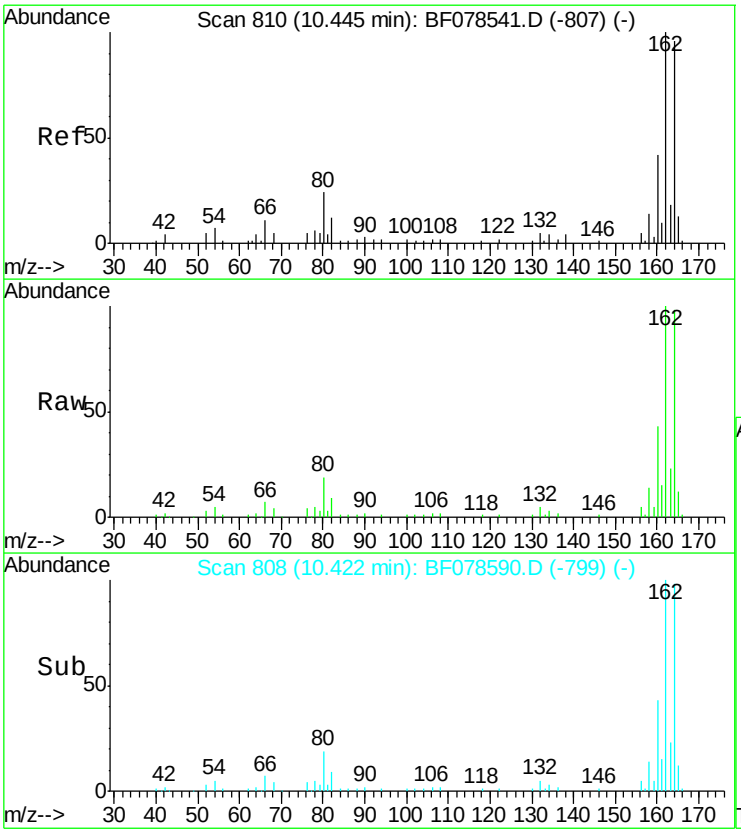
#23
Nitrobenzene-d5
Concen: 0.71 ng
RT: 7.40 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion: 82 Resp: 1226

Ion	Ratio	Lower	Upper
82	100		
128	51.3	31.8	47.8#
54	41.1	41.5	62.3#

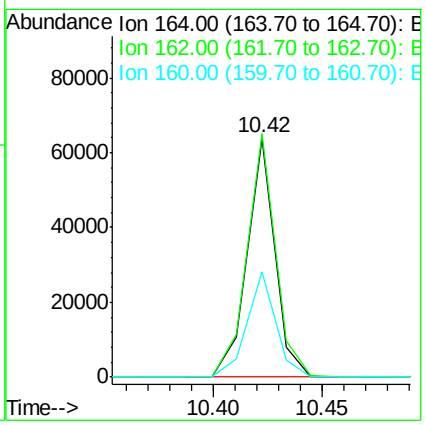


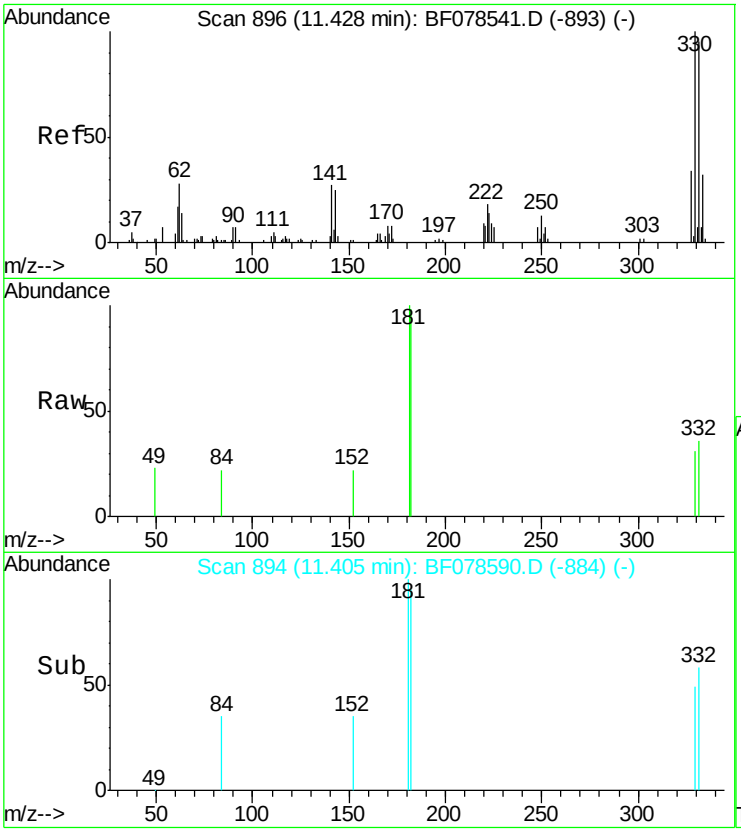


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:164 Resp: 56479

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.2
160	44.0	34.7	52.1



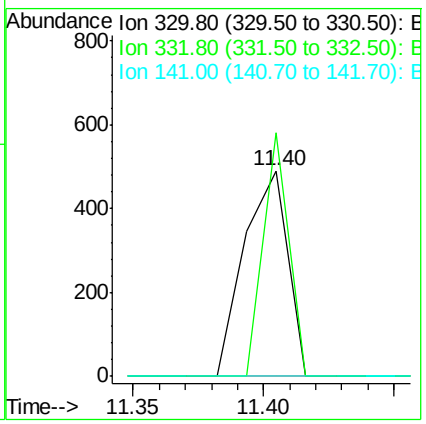


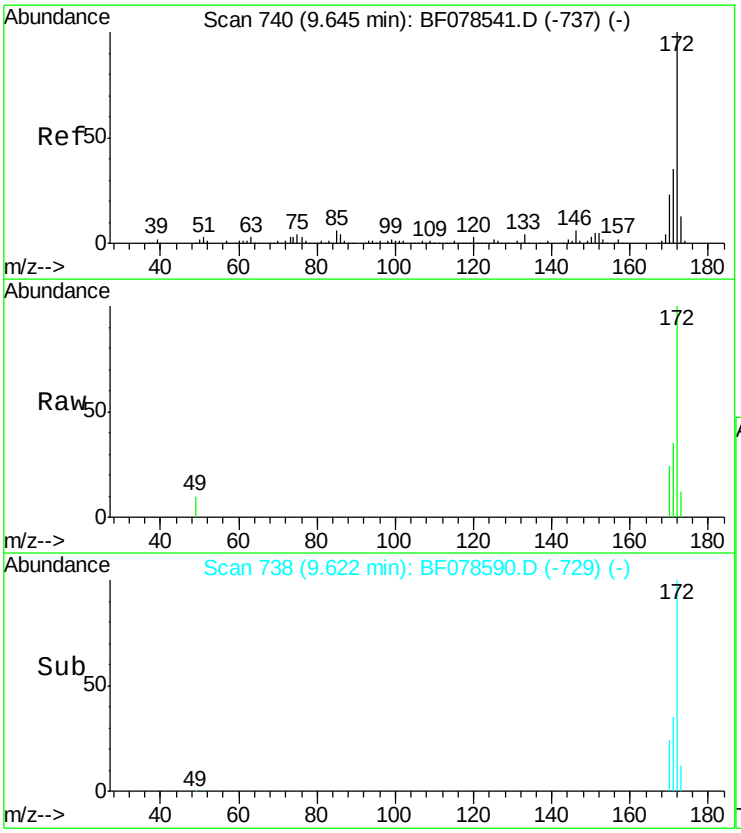
#41
2,4,6-Tribromophenol
Concen: 1.23 ng
RT: 11.40 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion:330 Resp: 575

Ion	Ratio	Lower	Upper
330	100		
332	69.2	78.6	117.8#
141	0.0	31.2	46.8#

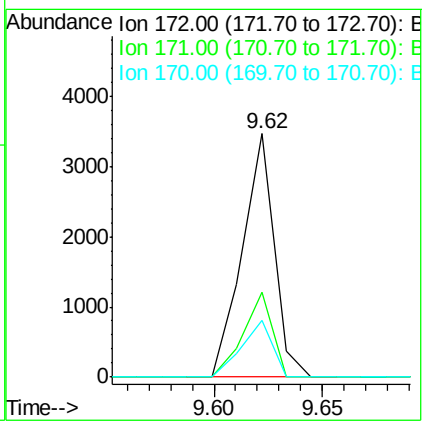


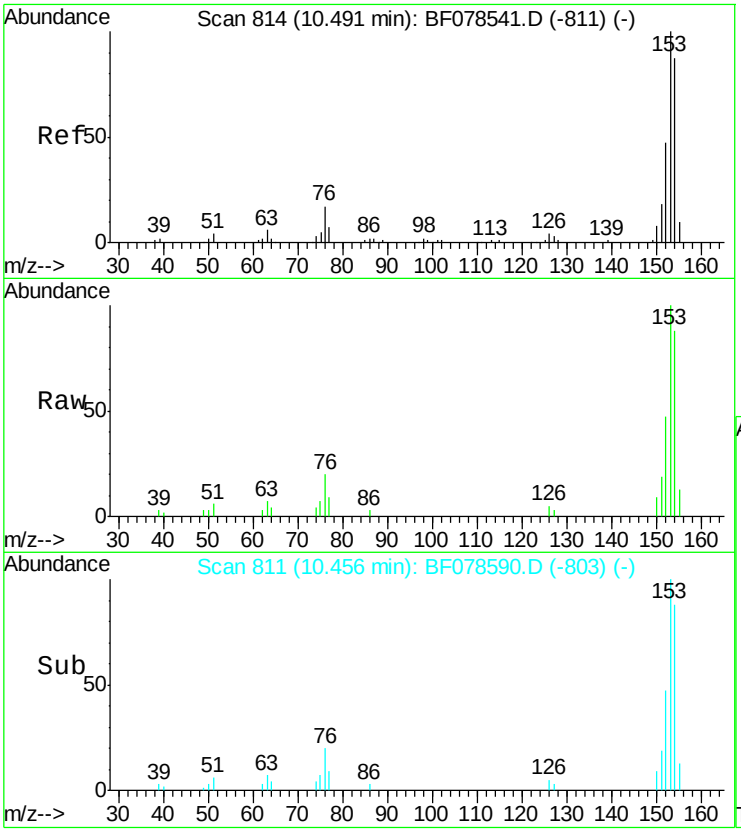


#44
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 9.62 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:172 Resp: 3537

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.5	18.5	27.7



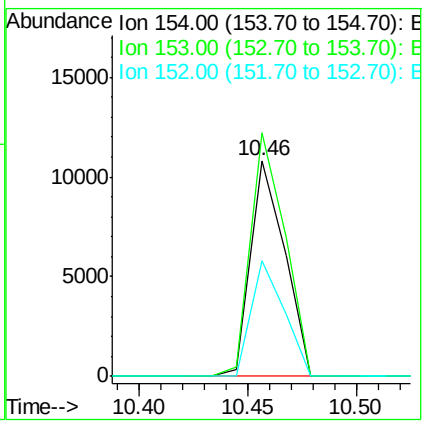


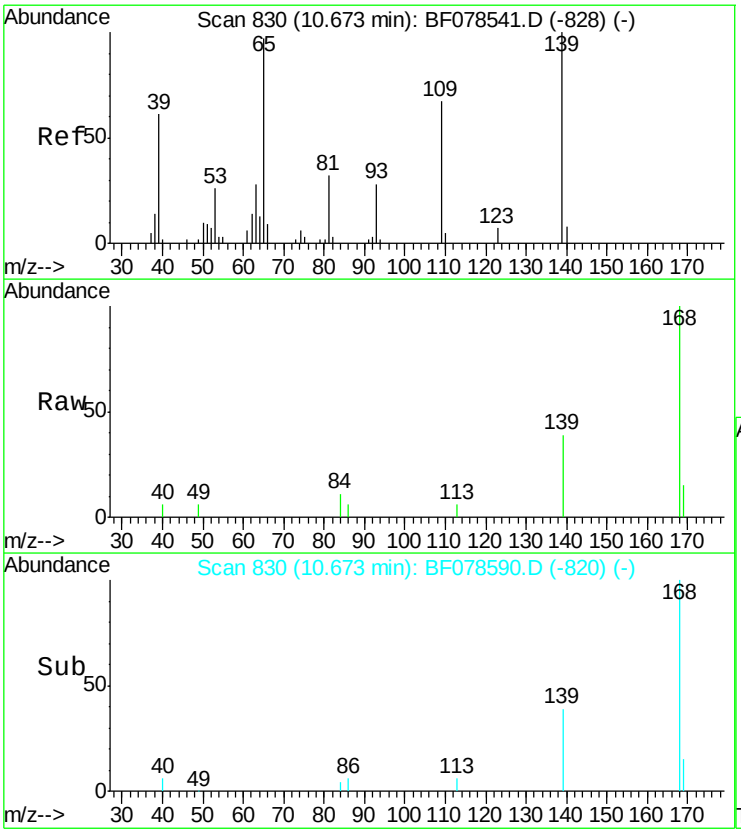
#51
Acenaphthene
Concen: 3.57 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion:154 Resp: 11784

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.4	137.2
152	53.4	43.0	64.6

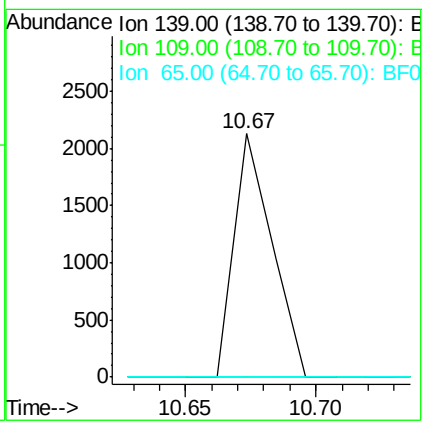


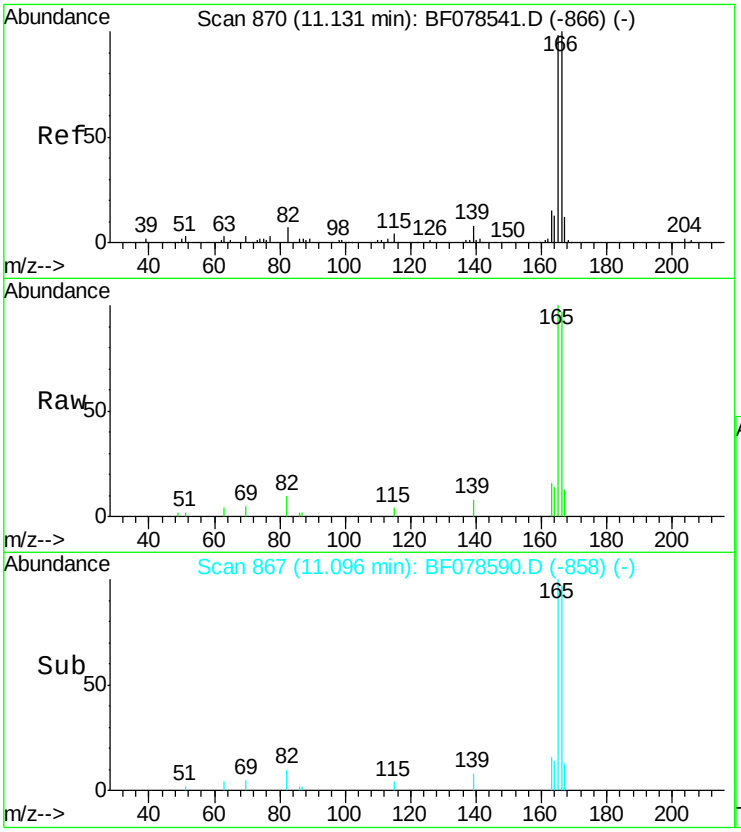


#55
4-Nitrophenol
Concen: 5.64 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:139 Resp: 2173

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



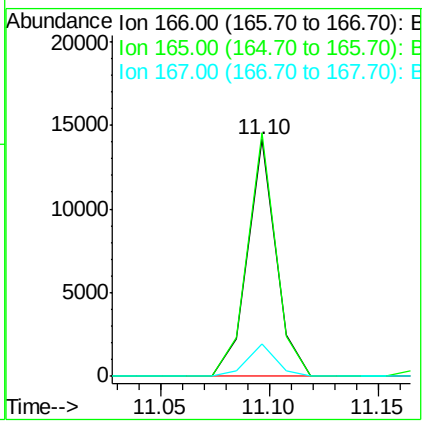


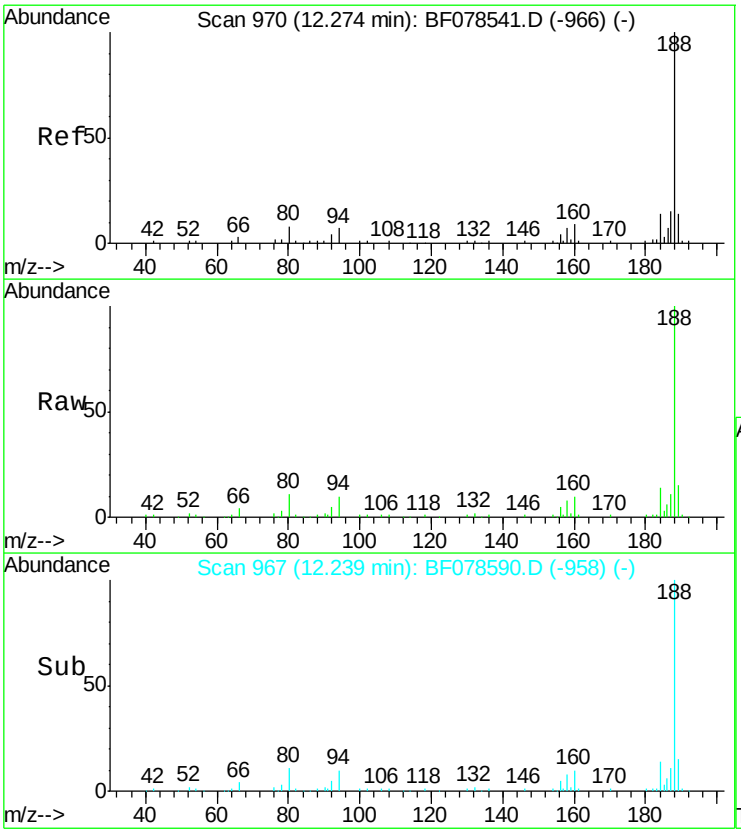
#57
Fluorene
Concen: 3.16 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion:166 Resp: 12919

Ion	Ratio	Lower	Upper
166	100		
165	102.8	78.9	118.3
167	13.8	10.7	16.1

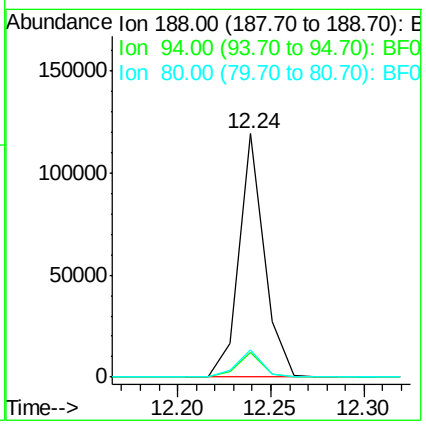


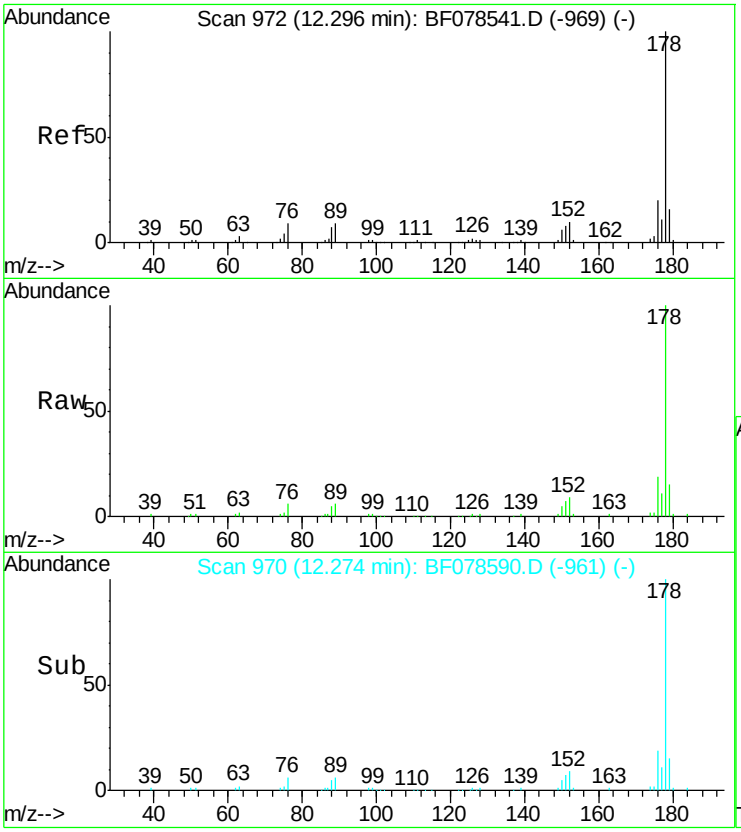


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:188 Resp: 112173

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.4
80	11.1	9.5	14.3



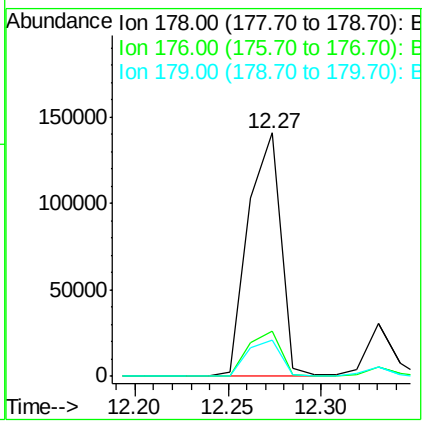


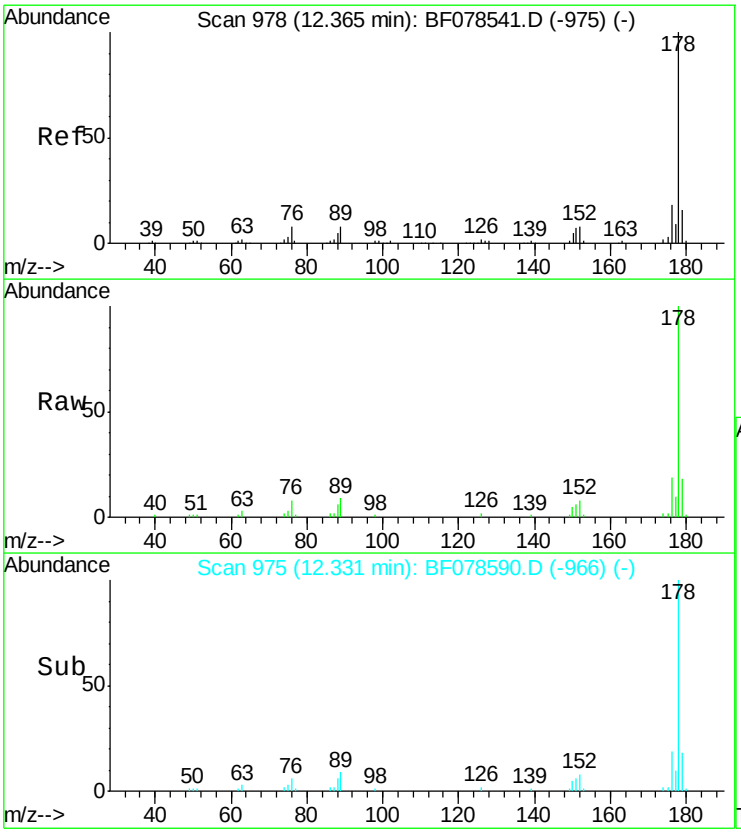
#70
Phenanthrene
Concen: 26.63 ng
RT: 12.27 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion:178 Resp: 172821

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	14.9	12.2	18.2

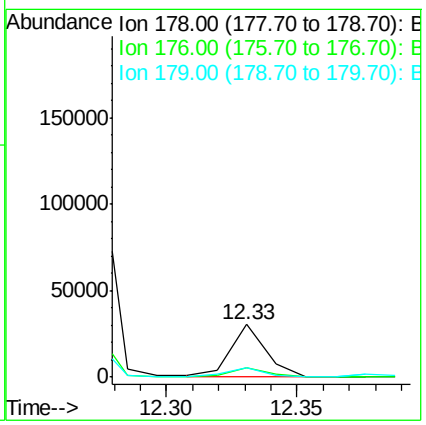


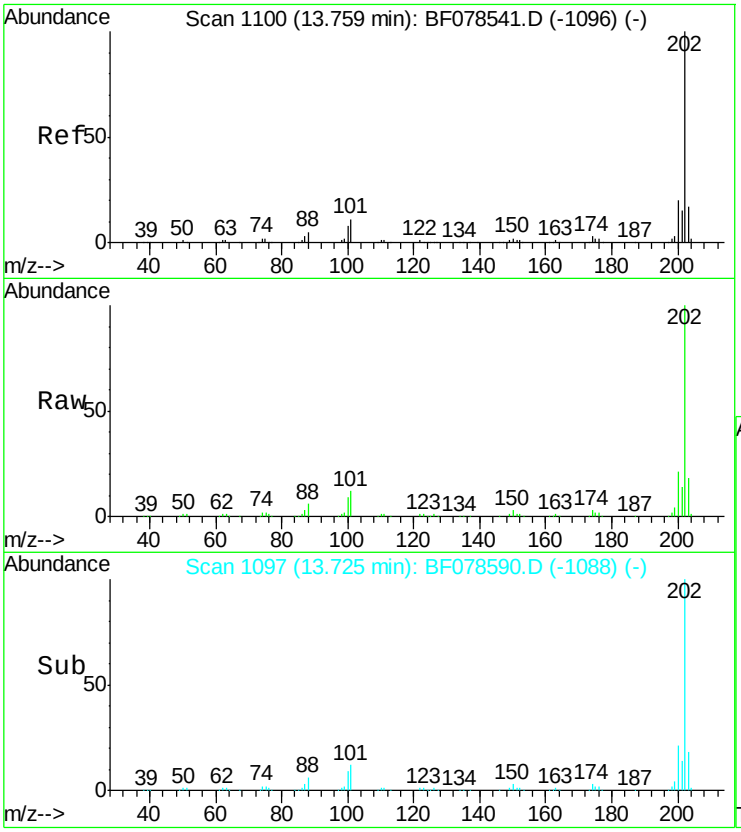


#71
Anthracene
Concen: 4.55 ng
RT: 12.33 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:178 Resp: 29119

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	17.6	12.4	18.6



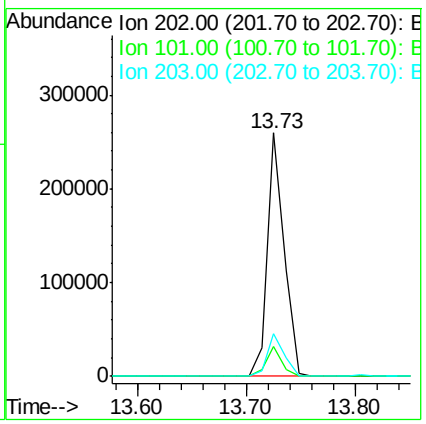


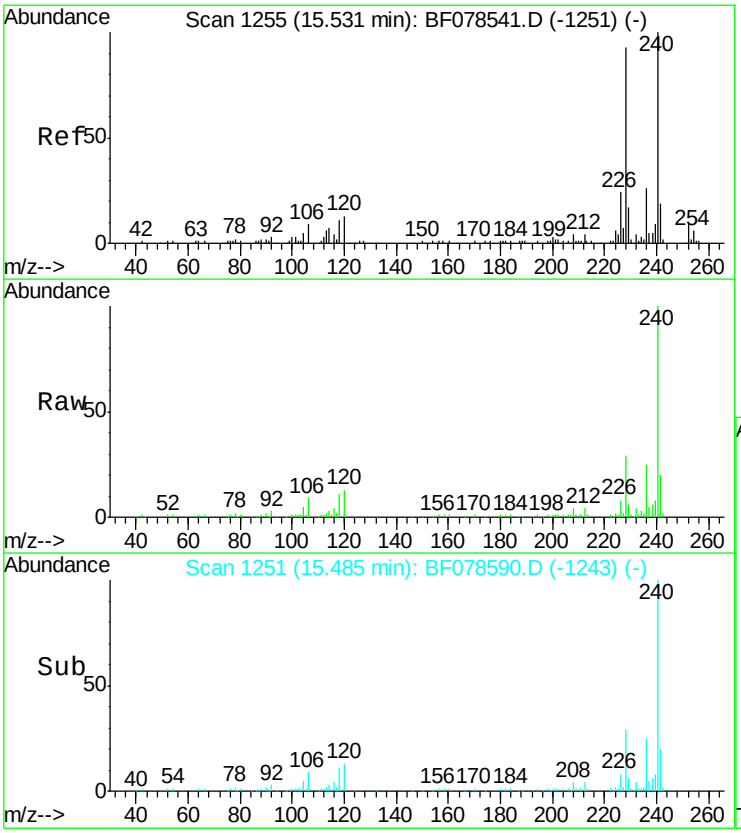
#74
Fluoranthene
Concen: 41.01 ng
RT: 13.73 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion:202 Resp: 280623

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	35.2
203	17.5	0.0	38.5

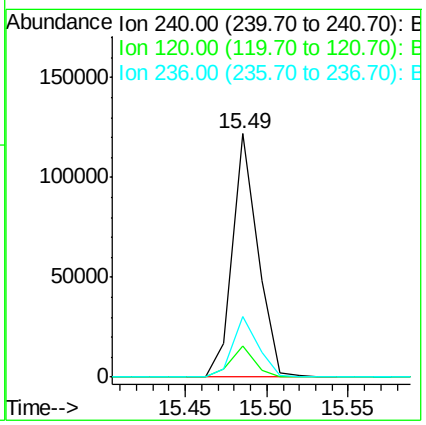


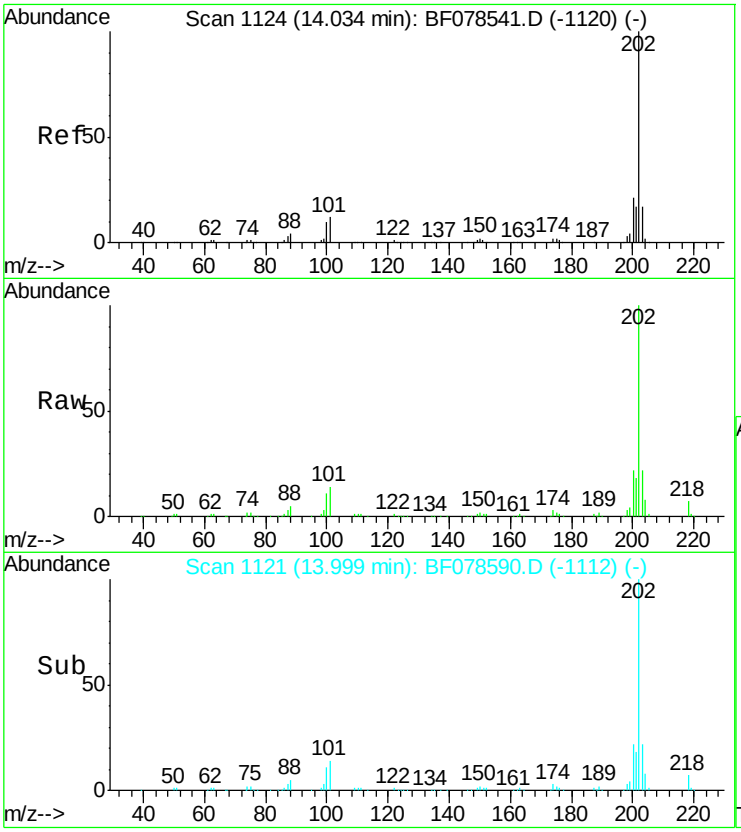


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:240 Resp: 130600

Ion	Ratio	Lower	Upper
240	100		
120	12.9	7.1	10.7#
236	24.7	21.4	32.2



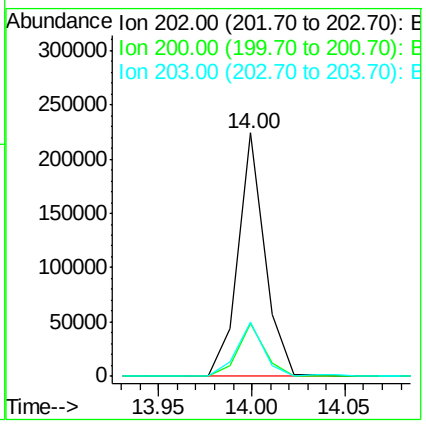


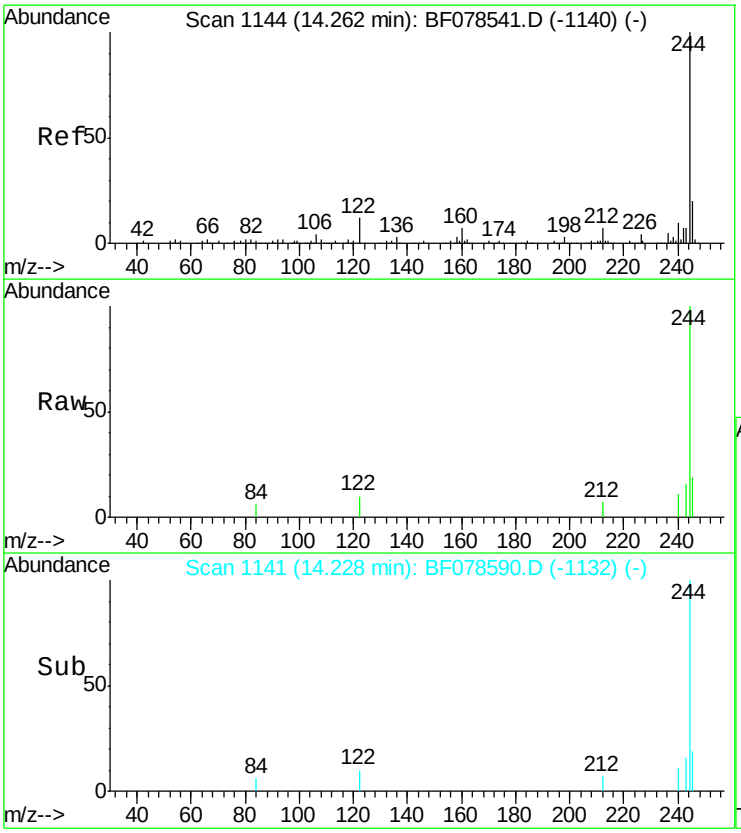
#77
Pyrene
Concen: 27.58 ng
RT: 14.00 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion:202 Resp: 226125

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.3	24.5
203	22.2	13.8	20.6#

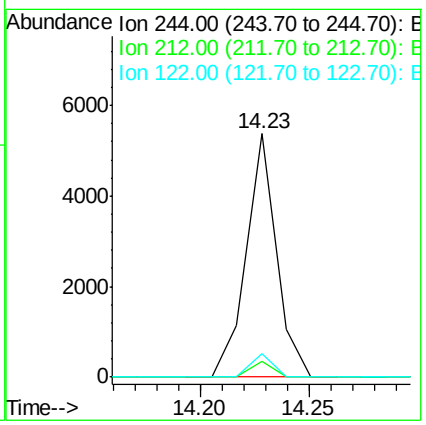


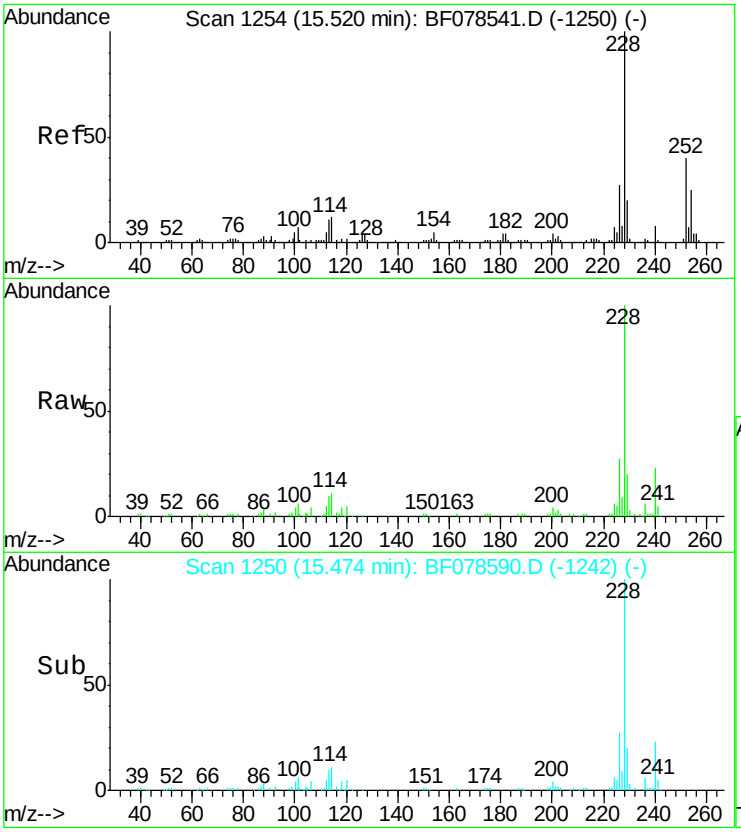


#78
Terphenyl-d14
Concen: 0.90 ng
RT: 14.23 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:244 Resp: 5190

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	9.6	7.1	10.7



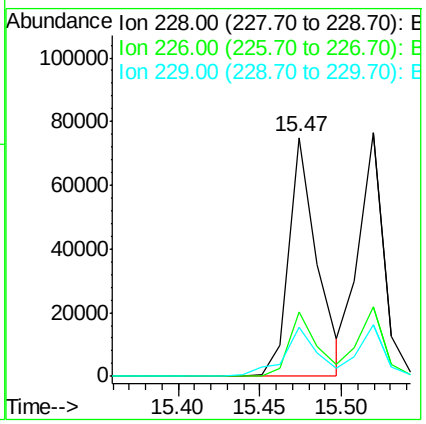


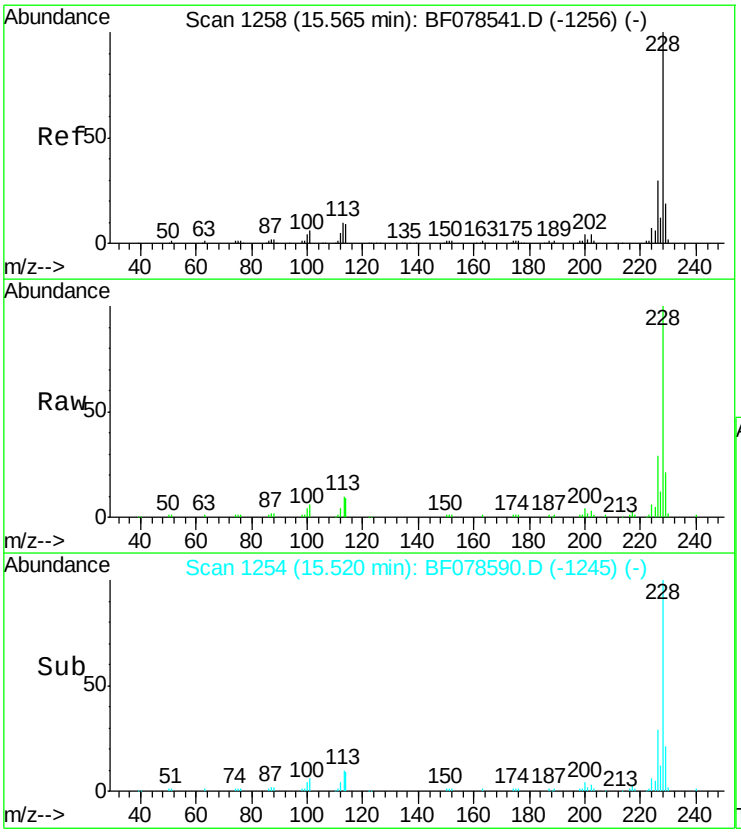
#80
Benzo(a)anthracene
Concen: 11.71 ng
RT: 15.47 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion:228 Resp: 90962

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	20.3	15.4	23.2

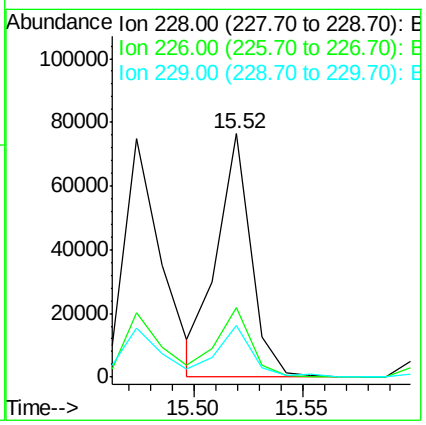


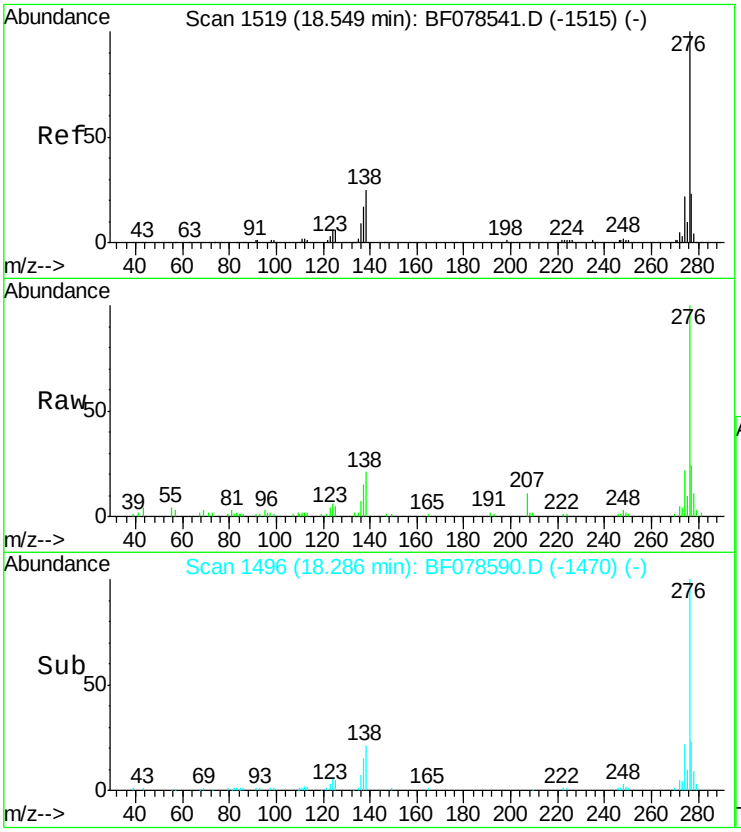


#82
Chrysene
Concen: 11.37 ng
RT: 15.52 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:228 Resp: 82978

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.2	36.4
229	21.0	15.8	23.8



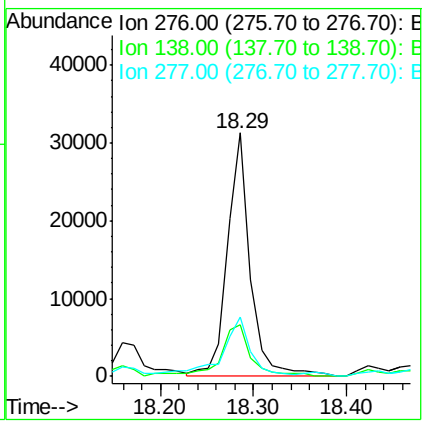


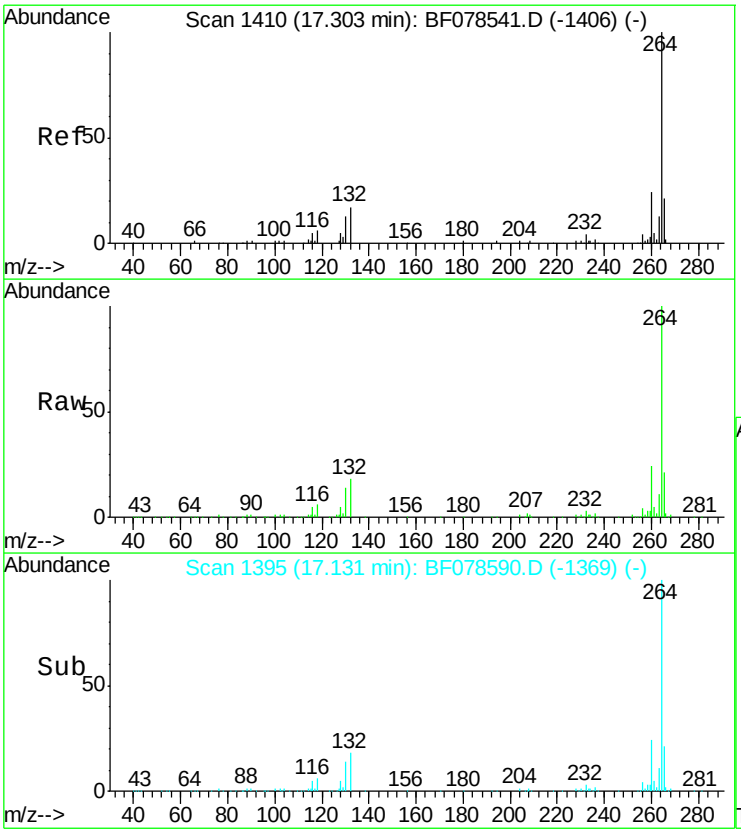
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.47 ng
RT: 18.29 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion:276 Resp: 53620

Ion	Ratio	Lower	Upper
276	100		
138	28.4	16.9	25.3#
277	31.1	15.8	23.6#

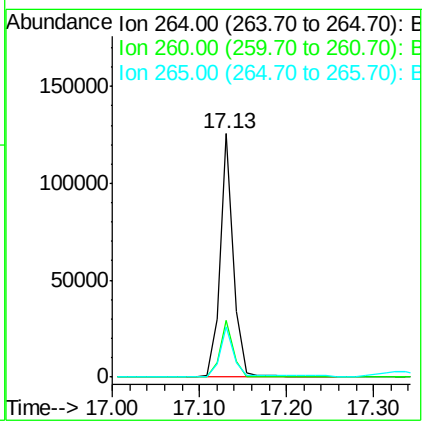


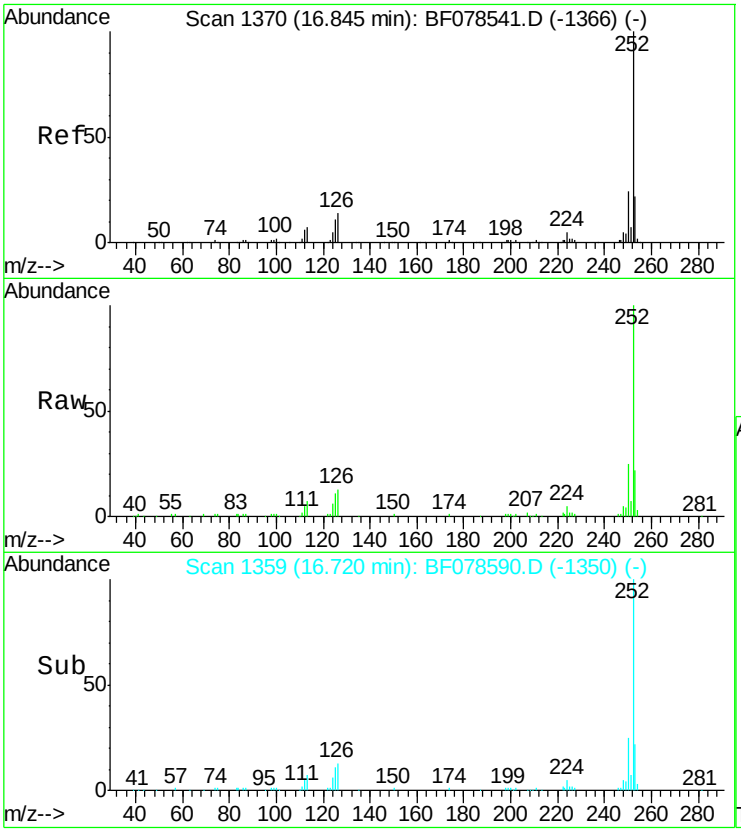


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.13 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:264 Resp: 134767

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	20.7	17.0	25.6



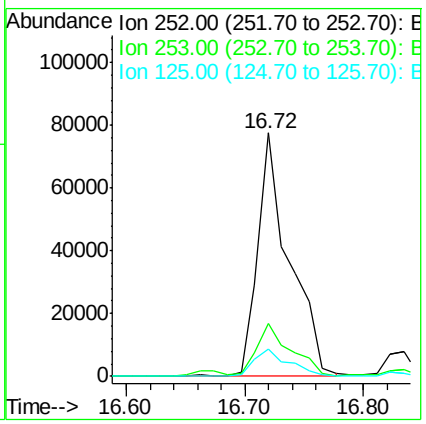


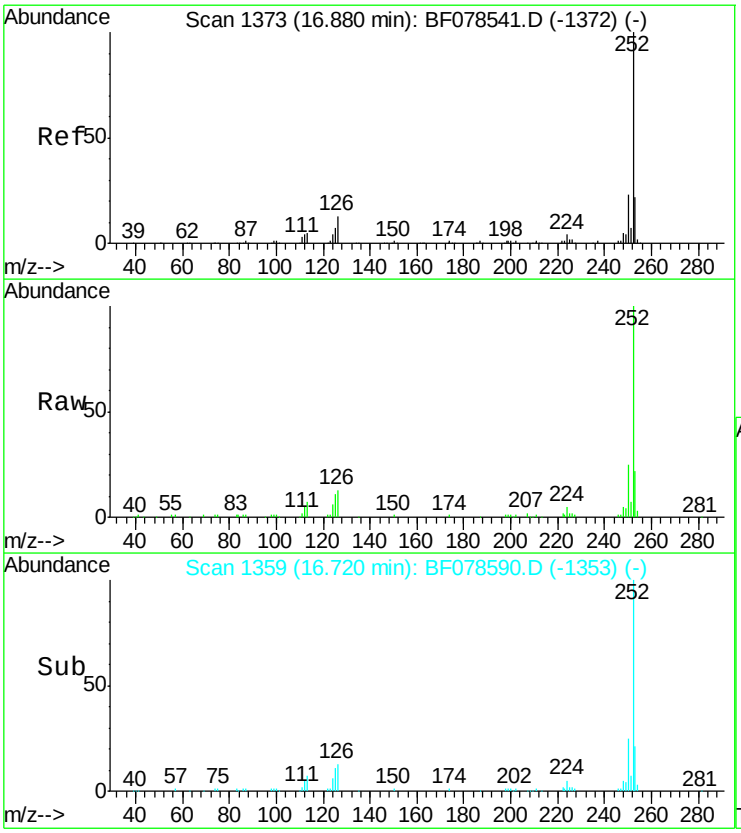
#87
Benzo(b)fluoranthene
Concen: 17.27 ng
RT: 16.72 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion:252 Resp: 143835

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.3	7.0	10.4#

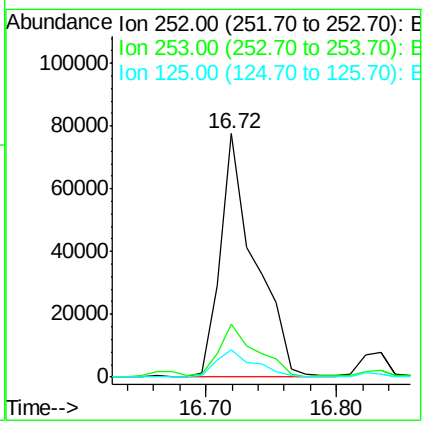


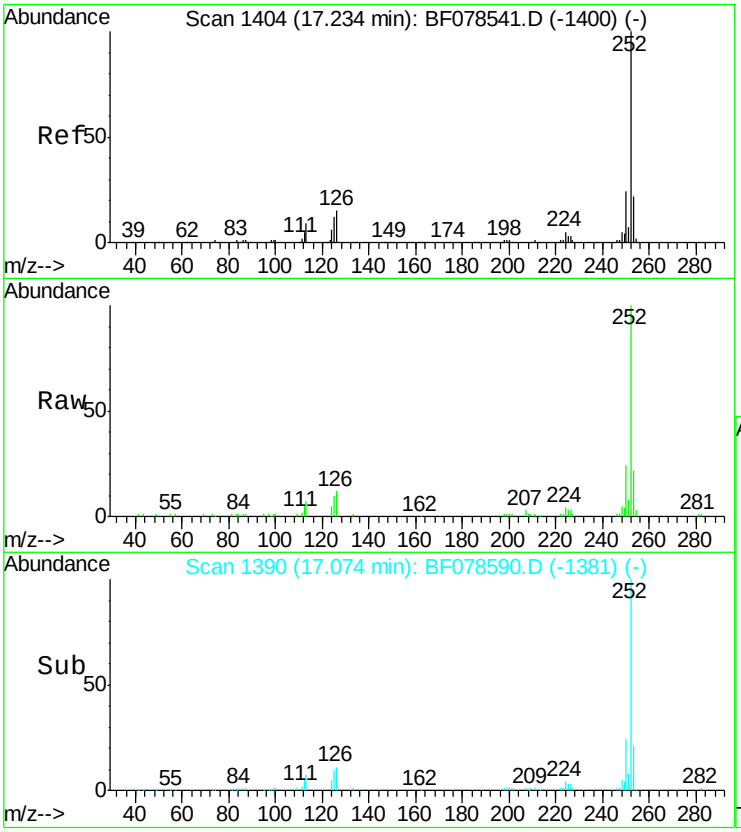


#88
Benzo(k)fluoranthene
Concen: 19.47 ng
RT: 16.72 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:252 Resp: 144144

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.3	11.6	17.4#



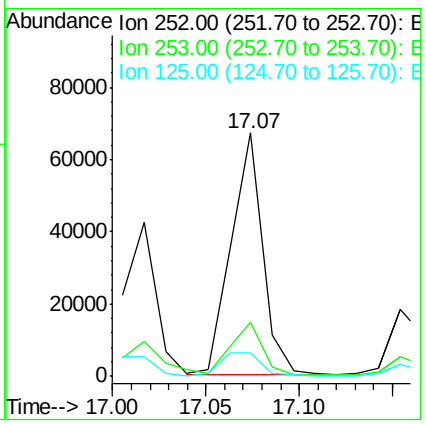


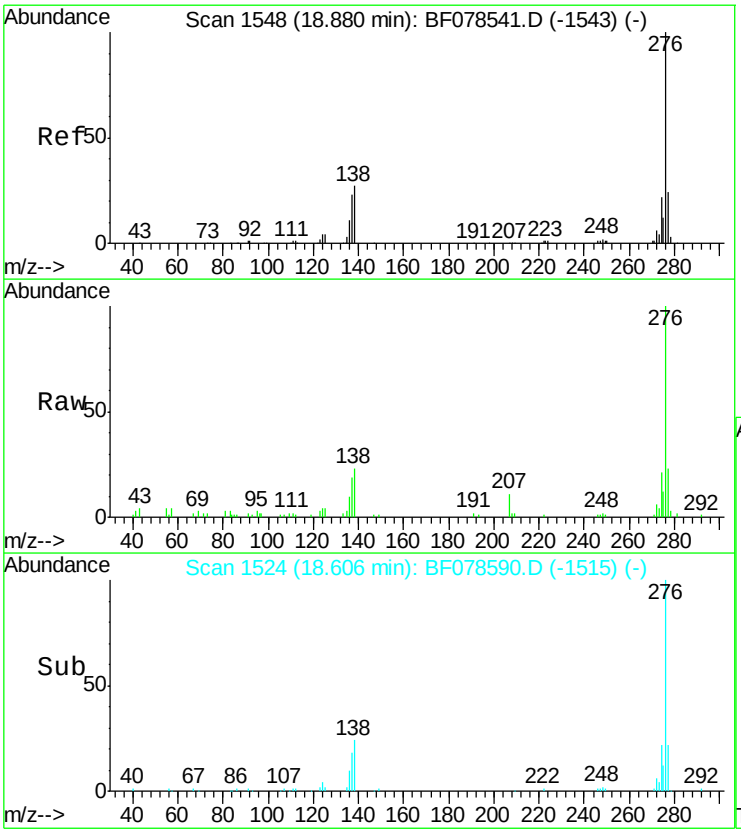
#89
Benzo(a)pyrene
Concen: 10.80 ng
RT: 17.07 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
HS-SB03ADL

Tgt Ion:252 Resp: 78523

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.8	25.2
125	9.9	7.4	11.0





#91
Benzo(g,h,i)perylene
Concen: 6.83 ng
RT: 18.61 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF078590.D
Acq: 17 Apr 2015 4:41

Tgt Ion:276 Resp: 49803

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.4
138	23.5	19.9	29.9