Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078530.D
Acq On : 15 Apr 2015 8:13
Operator : TP/IZ
Sample : G1823-05DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3DL

Quant Time: Apr 15 11:49:20 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	24310	20.00	ng		0.00
21) Naphthalene-d8	8.39	136	104184	20.00	ng		0.00
38) Acenaphthene-d10	10.54	164	55442	20.00	ng		0.00
63) Phenanthrene-d10	12.37	188	116704	20.00	ng		0.00
75) Chrysene-d12	15.62	240	137776	20.00	ng		-0.03
86) Perylene-d12	17.37	264	139597	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	13612	9.23	ng		0.01
7) Phenol-d6	6.42	99	18694	10.12	ng		0.01
23) Nitrobenzene-d5	7.51	82	10644	6.19	ng		0.00
41) 2,4,6-Tribromophenol	11.52	330	5040	10.96	ng		0.00
44) 2-Fluorobiphenyl	9.74	172	27318	7.04	ng		0.00
78) Terphenyl-d14	14.35	244	37468	6.15	ng		0.00
Target Compounds							Qvalue
51) Acenaphthene	10.58	154	12813	3.95	ng		97
57) Fluorene	11.21	166	10119	2.52	ng		99
70) Phenanthrene	12.39	178	170195	25.21	ng		99
71) Anthracene	12.46	178	47833	7.19	ng		100
72) Carbazole	12.67	167	18092	2.90	ng		97
74) Fluoranthene	13.86	202	349586	49.10	ng		92
77) Pyrene	14.14	202	330208	38.18	ng		98
80) Benzo(a)anthracene	15.61	228	194947	23.78	ng		98
82) Chrysene	15.66	228	166278	21.59	ng		99
85) Indeno(1,2,3-cd)pyrene	18.62	276	94616m	10.83	ng		
87) Benzo(b)fluoranthene	16.93	252	207672m	24.07	ng		
88) Benzo(k)fluoranthene	16.94	252	91988m	12.00	ng		
89) Benzo(a)pyrene	17.30	252	149703	19.88	ng	#	94
90) Dibenzo(a,h)anthracene	18.64	278	24625m	3.27	ng		
91) Benzo(g,h,i)perylene	18.97	276	88493m	11.71	ng		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078530.D
Acq On : 15 Apr 2015 8:13
Operator : TP/IZ
Sample : G1823-05DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
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SP-3DL

Quant Time: Apr 15 11:49:20 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
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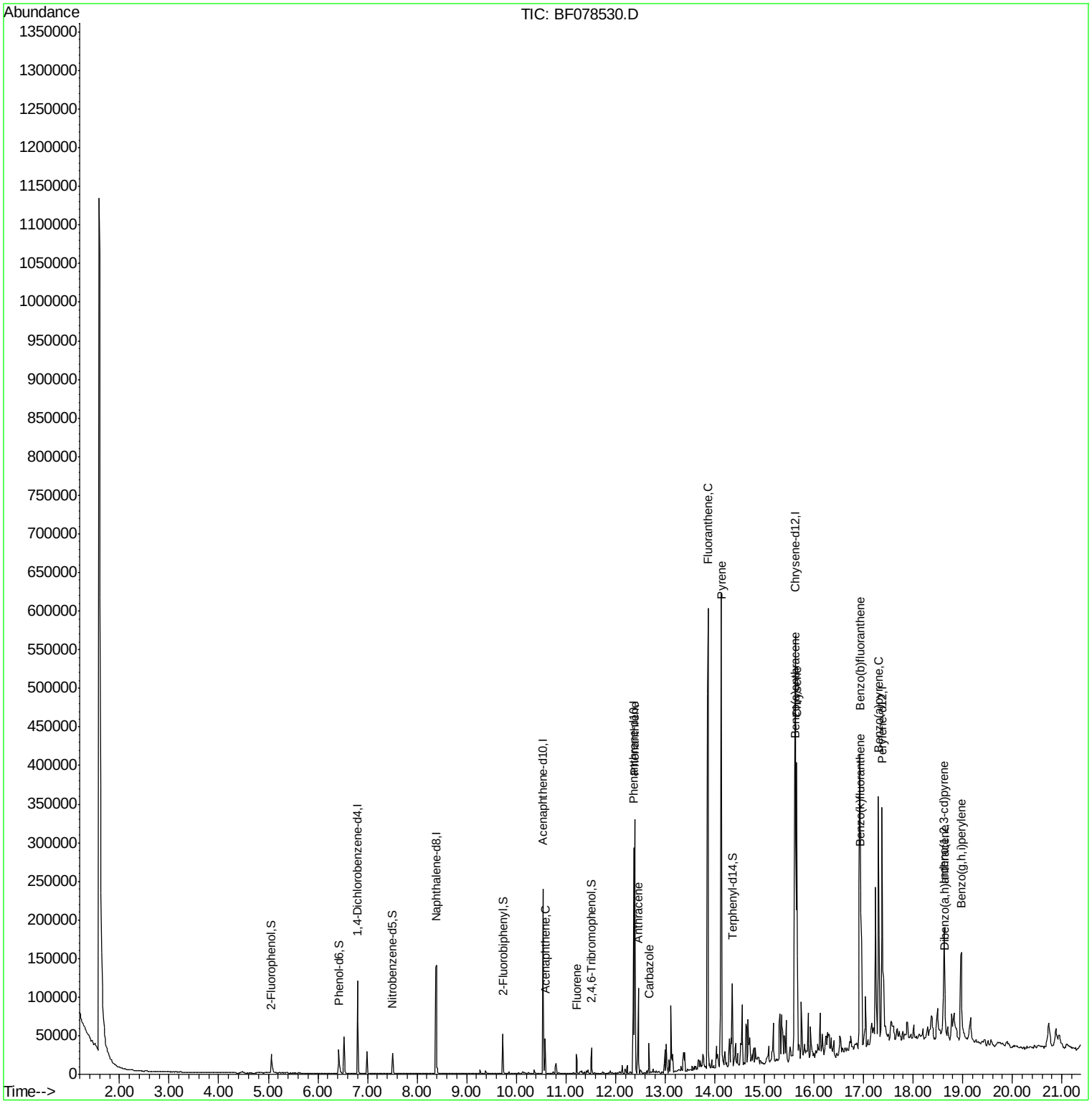
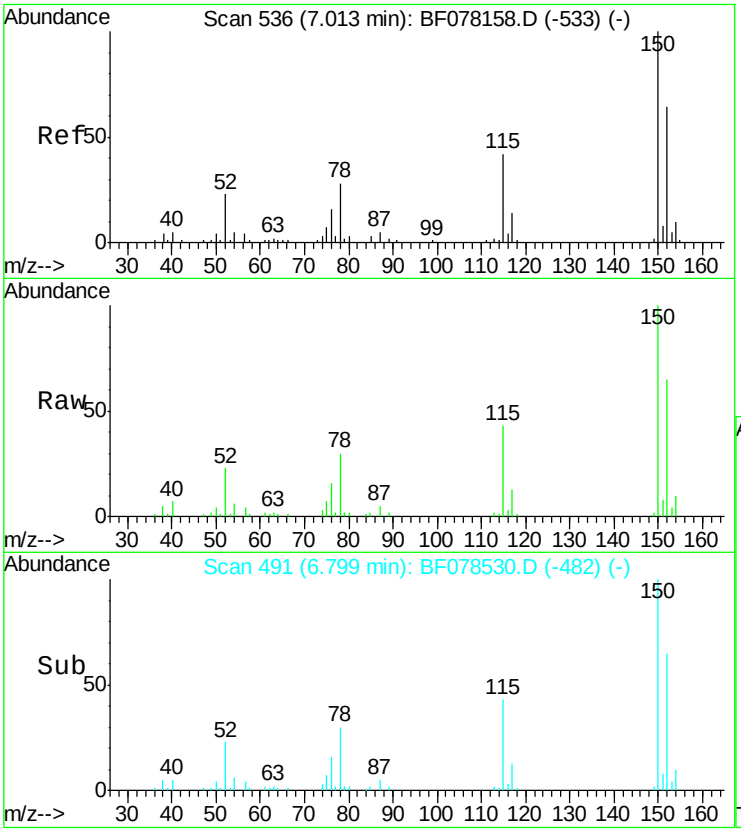


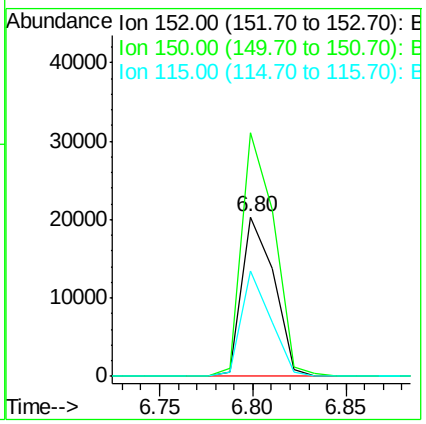


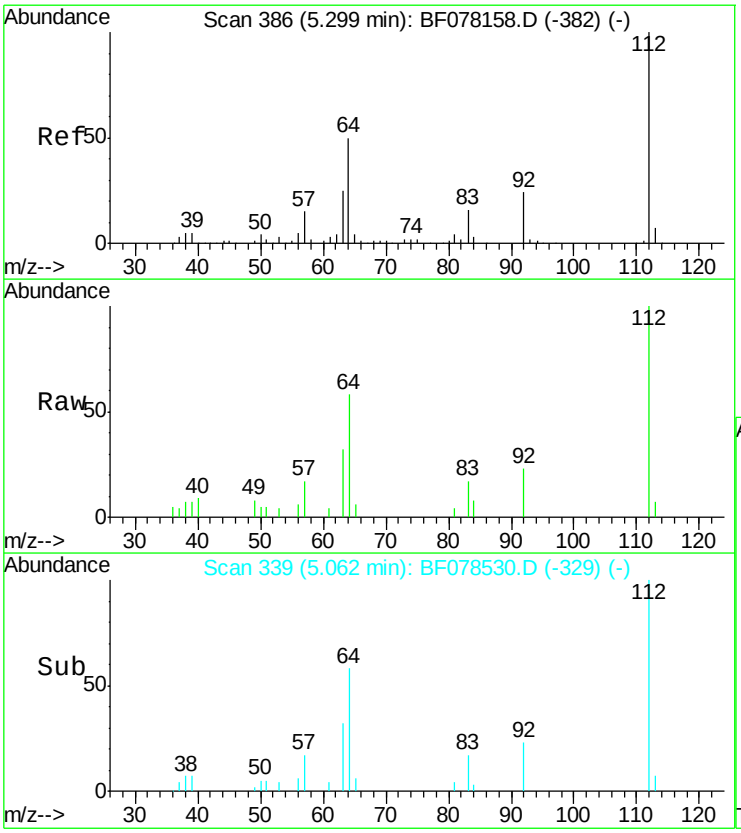
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion:152 Resp: 24310

Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.9	188.9
115	66.4	52.7	79.1

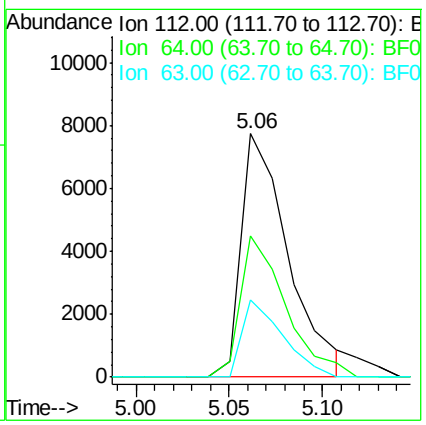


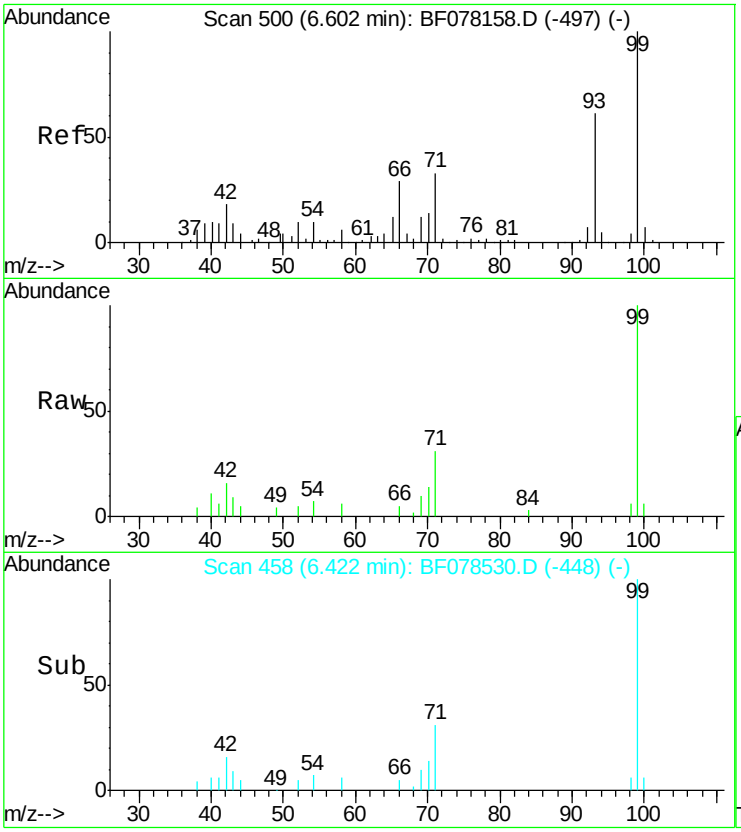


#5
2-Fluorophenol
Concen: 9.23 ng
RT: 5.06 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:112 Resp: 13612

Ion	Ratio	Lower	Upper
112	100		
64	58.2	39.9	59.9
63	31.9	20.2	30.4#



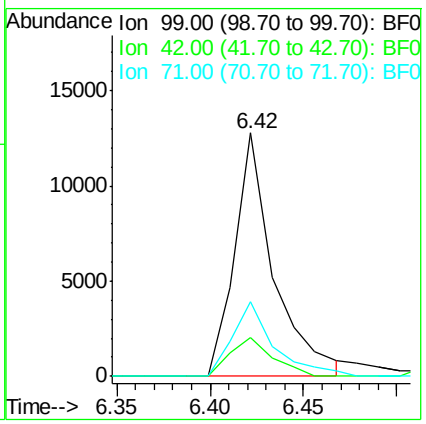


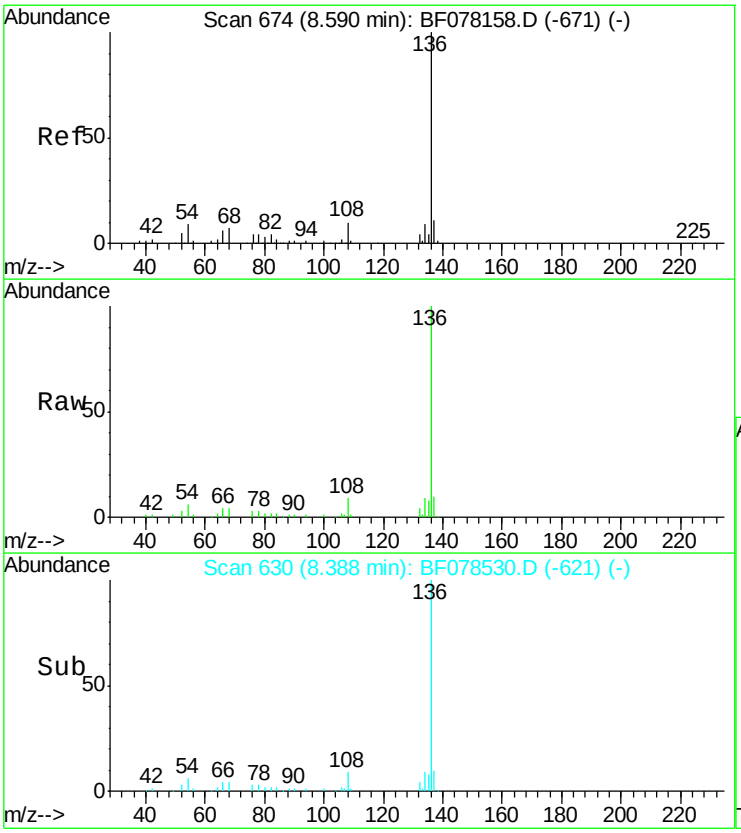
#7
Phenol-d6
Concen: 10.12 ng
RT: 6.42 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion: 99 Resp: 18694

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.8	22.2
71	30.8	26.6	39.8

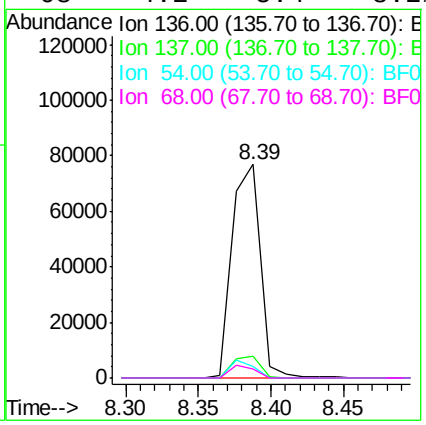


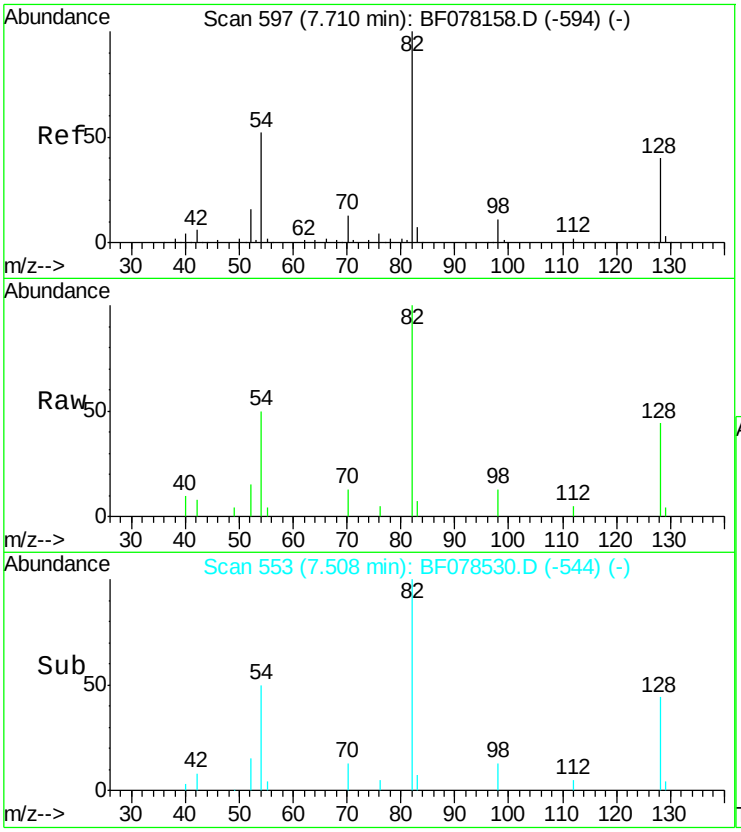


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.39 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:136 Resp: 104184

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	5.5	7.0	10.6#
68	4.2	5.4	8.2#



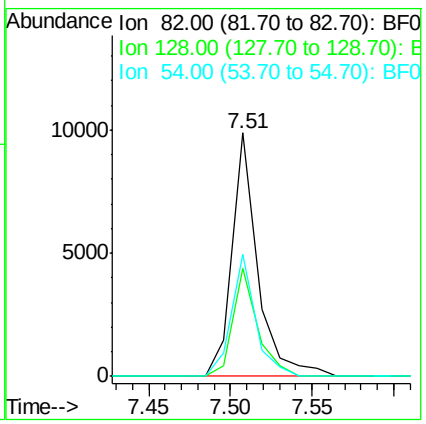


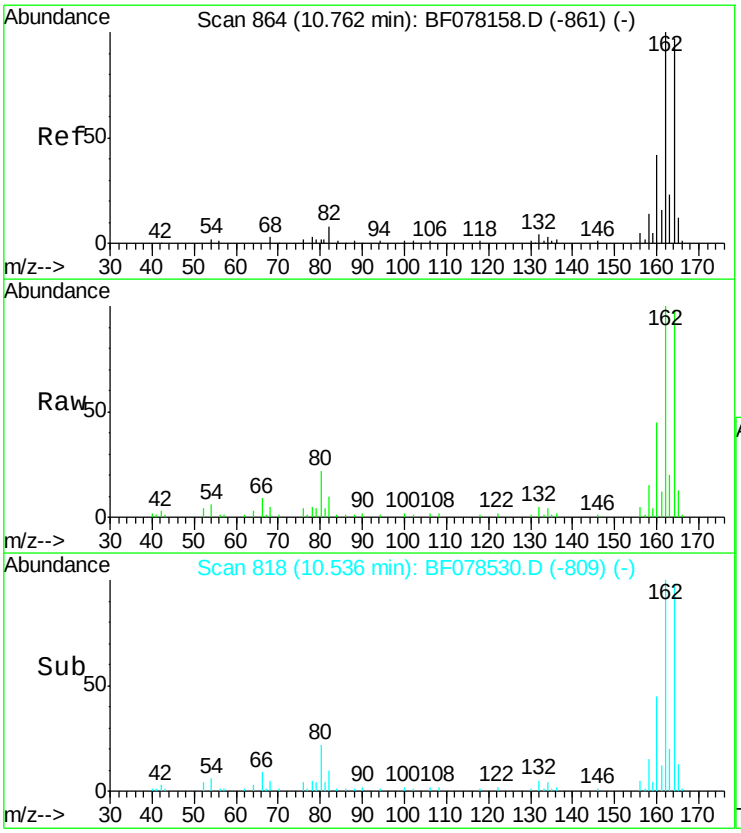
#23
Nitrobenzene-d5
Concen: 6.19 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion: 82 Resp: 10644

Ion	Ratio	Lower	Upper
82	100		
128	44.2	31.8	47.8
54	49.9	41.5	62.3

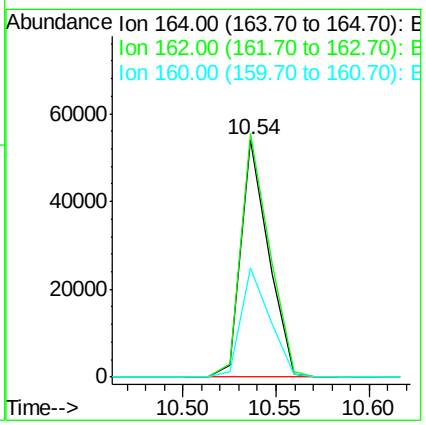


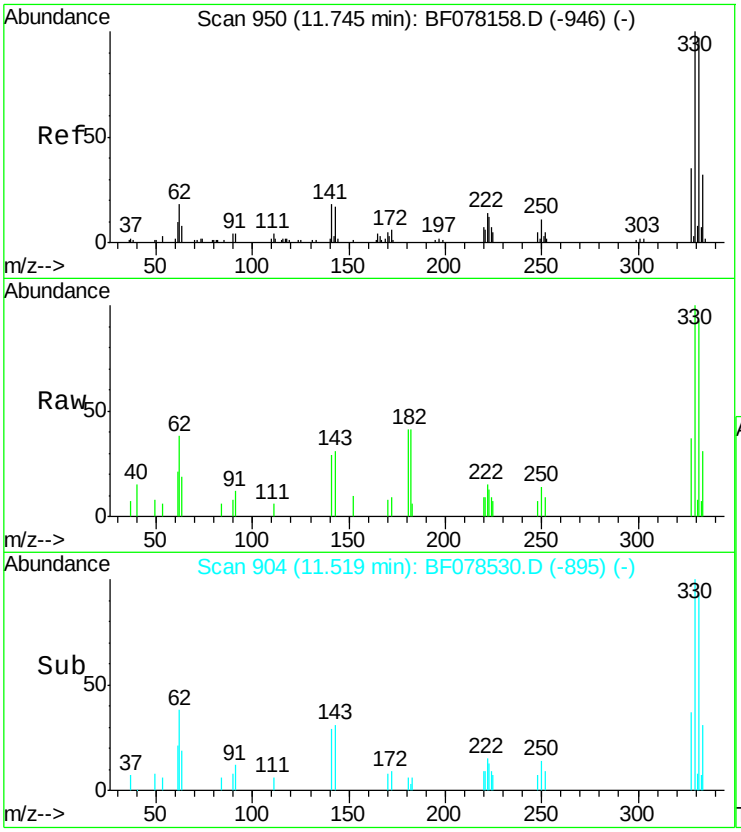


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:164 Resp: 55442

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.2	123.2
160	45.9	34.7	52.1



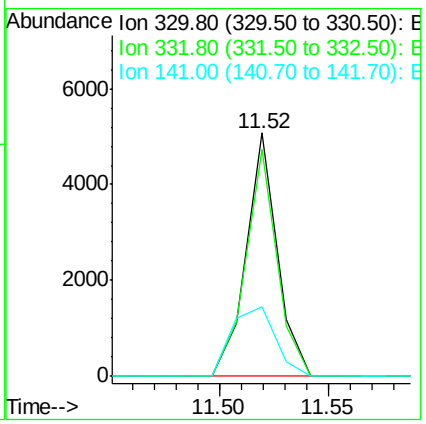


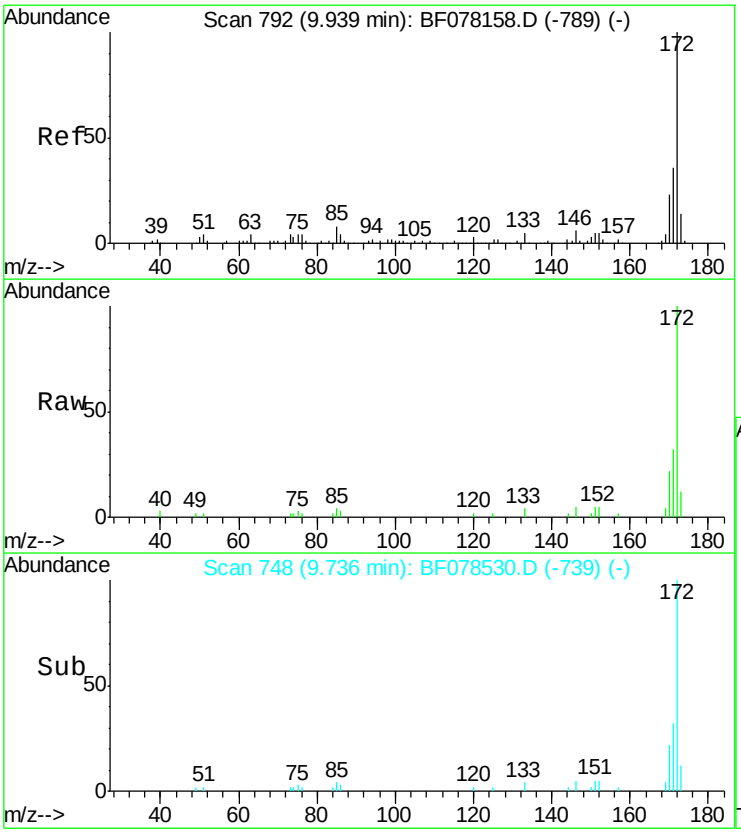
#41
2,4,6-Tribromophenol
Concen: 10.96 ng
RT: 11.52 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion:330 Resp: 5040

Ion	Ratio	Lower	Upper
330	100		
332	93.8	78.6	117.8
141	40.6	31.2	46.8

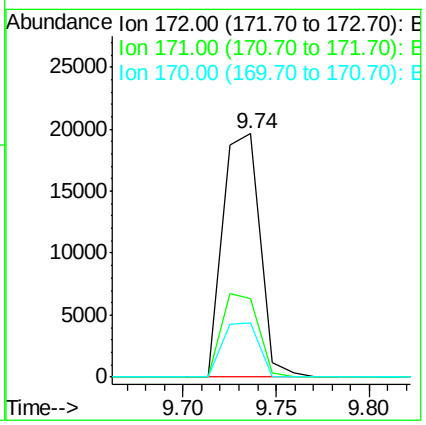


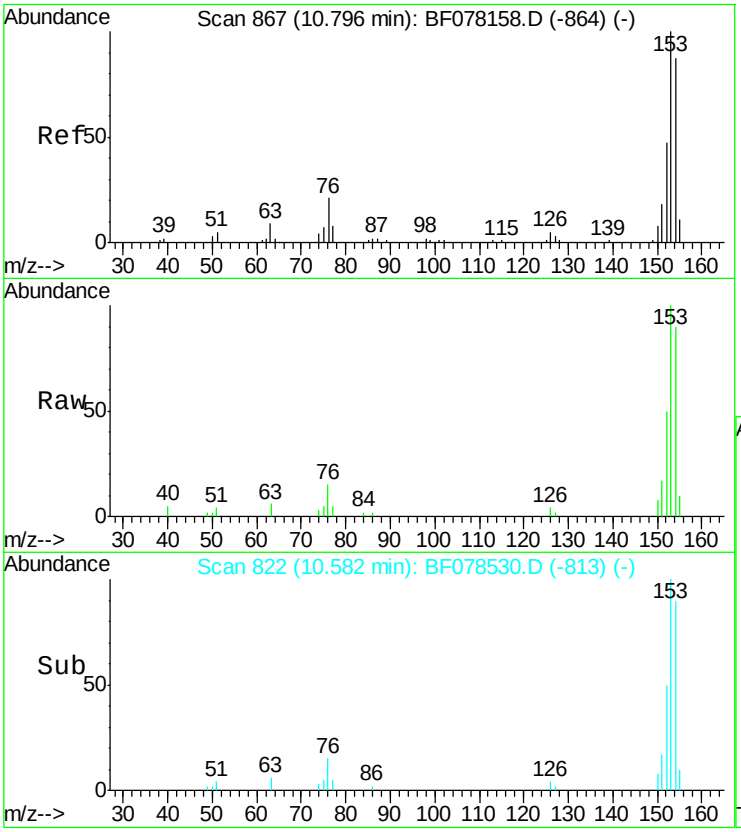


#44
2-Fluorobiphenyl
Concen: 7.04 ng
RT: 9.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:172 Resp: 27318

Ion	Ratio	Lower	Upper
172	100		
171	32.4	28.6	42.8
170	22.4	18.5	27.7



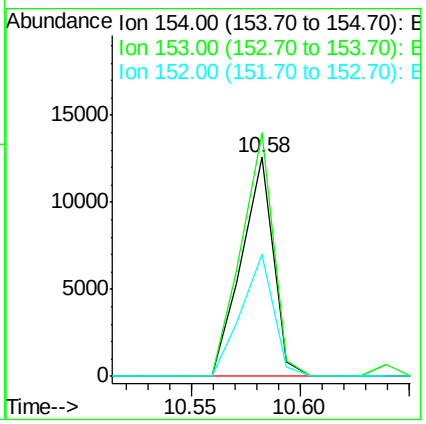


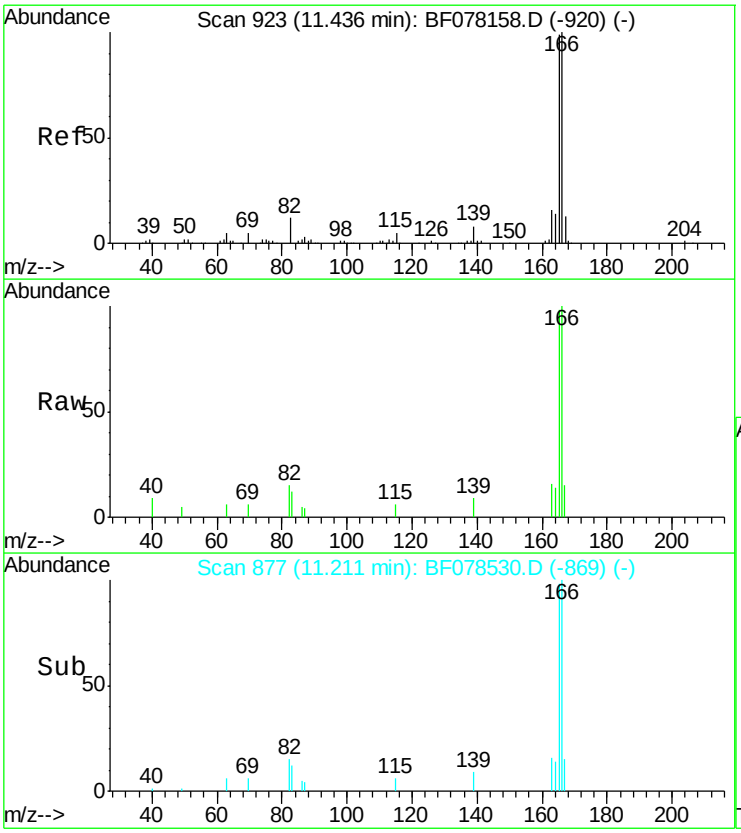
#51
Acenaphthene
Concen: 3.95 ng
RT: 10.58 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion:154 Resp: 12813

Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.4	137.2
152	55.6	43.0	64.6

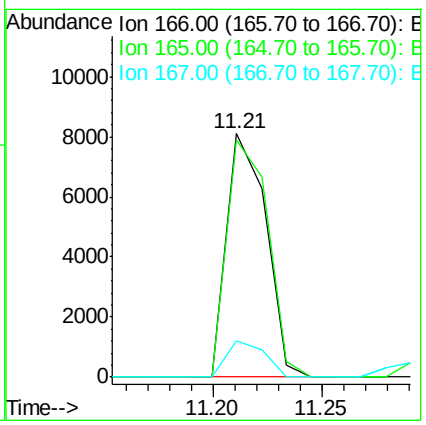


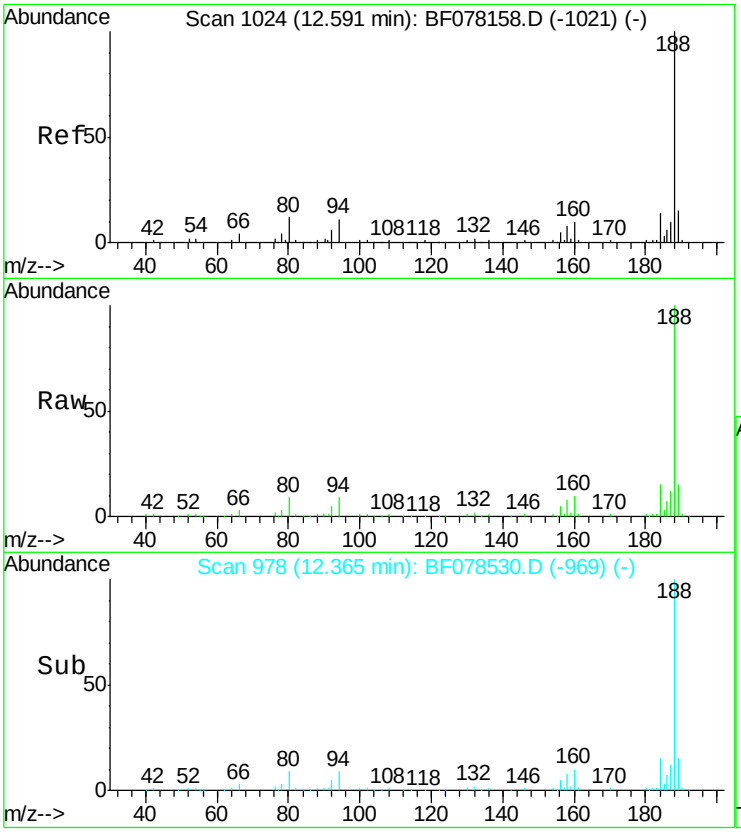


#57
Fluorene
Concen: 2.52 ng
RT: 11.21 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:166 Resp: 10119

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.9	118.3
167	14.6	10.7	16.1



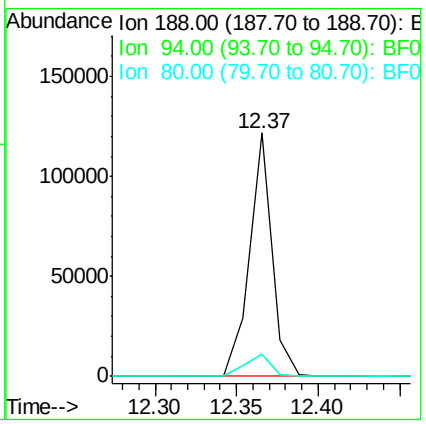


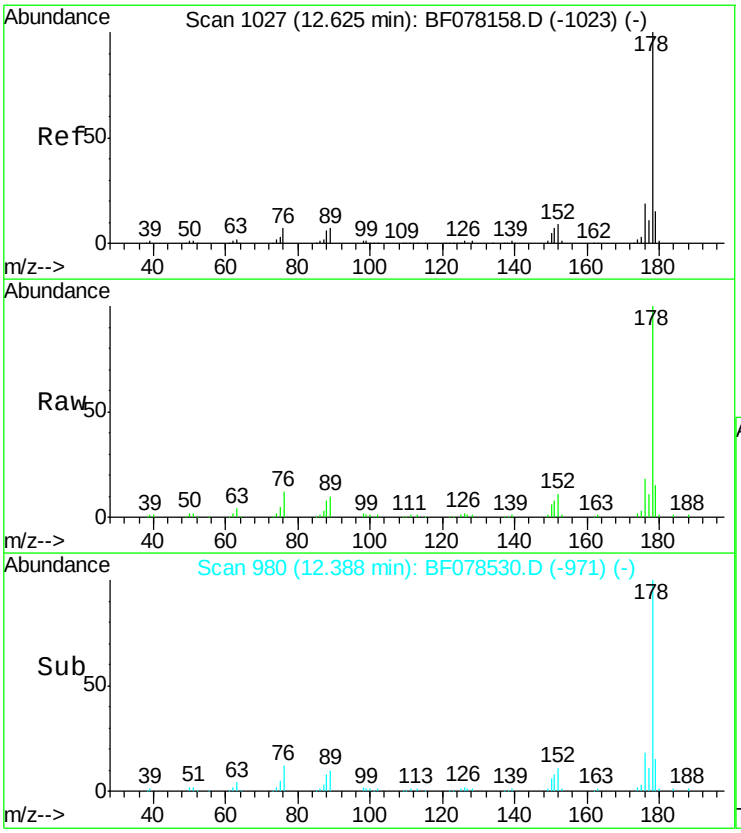
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion:188 Resp: 116704

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.3	9.5	14.3#

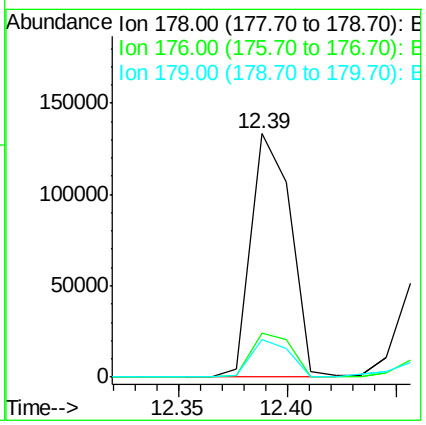


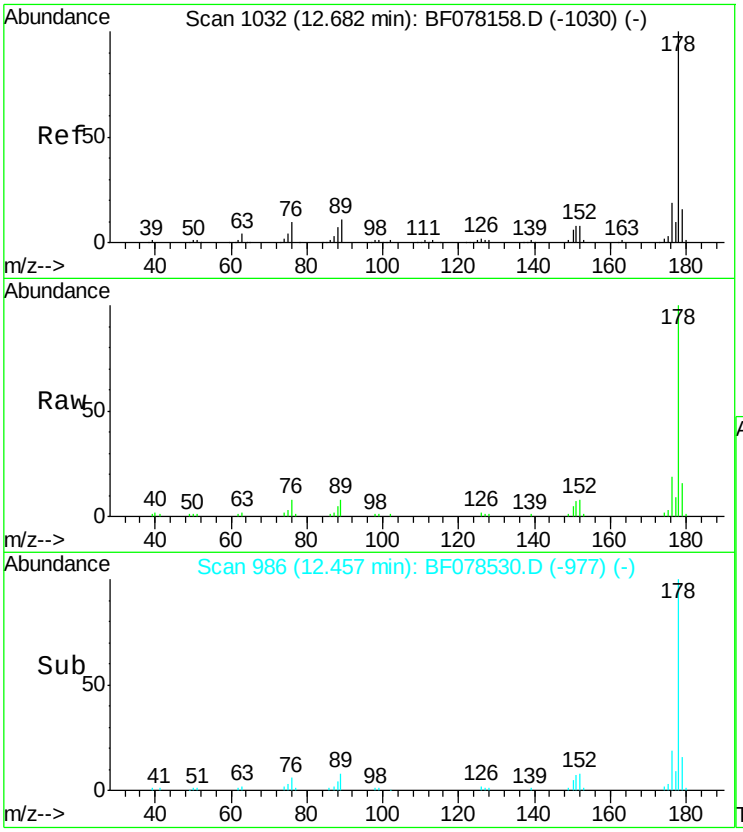


#70
Phenanthrene
Concen: 25.21 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:178 Resp: 170195

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	15.2	12.2	18.2



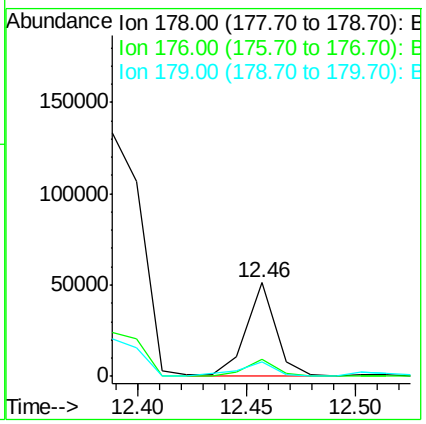


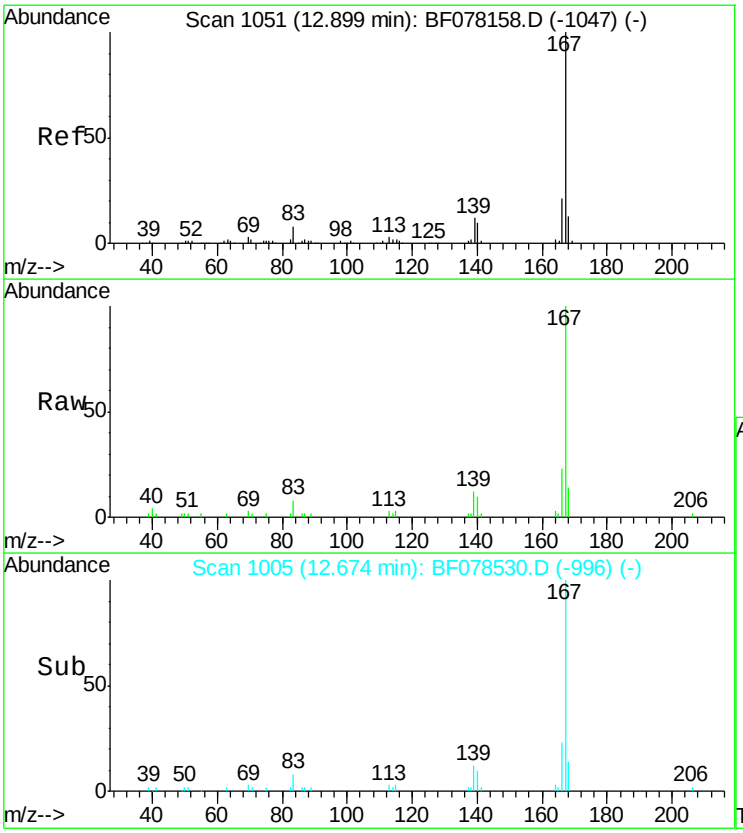
#71
Anthracene
Concen: 7.19 ng
RT: 12.46 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion:178 Resp: 47833

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.5	12.4	18.6

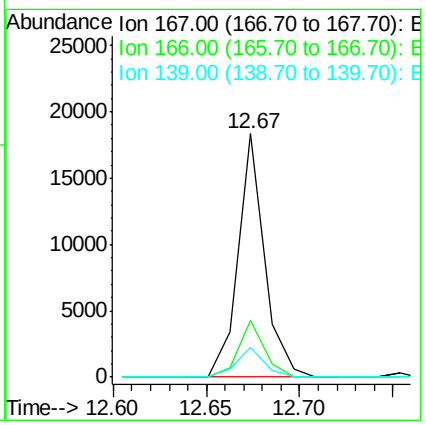


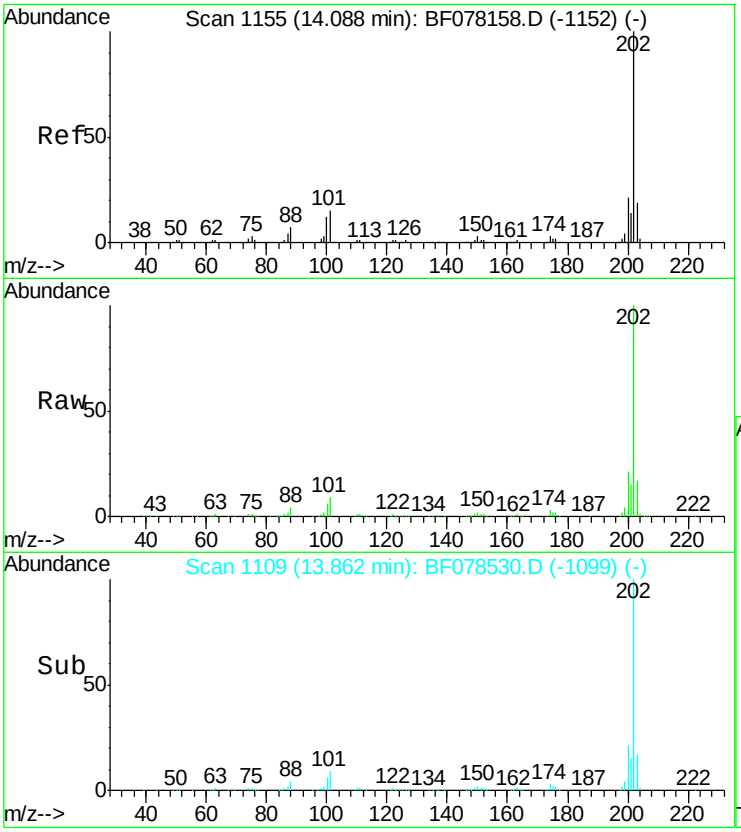


#72
Carbazole
Concen: 2.90 ng
RT: 12.67 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:167 Resp: 18092

Ion	Ratio	Lower	Upper
167	100		
166	23.5	16.8	25.2
139	12.3	10.0	15.0



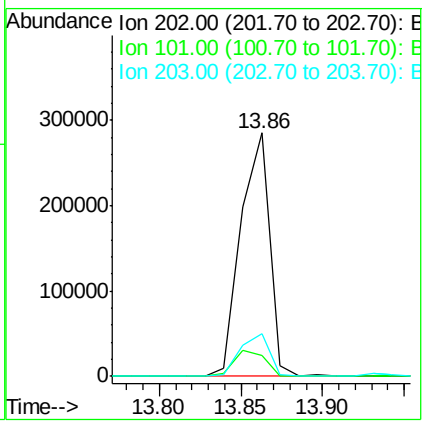


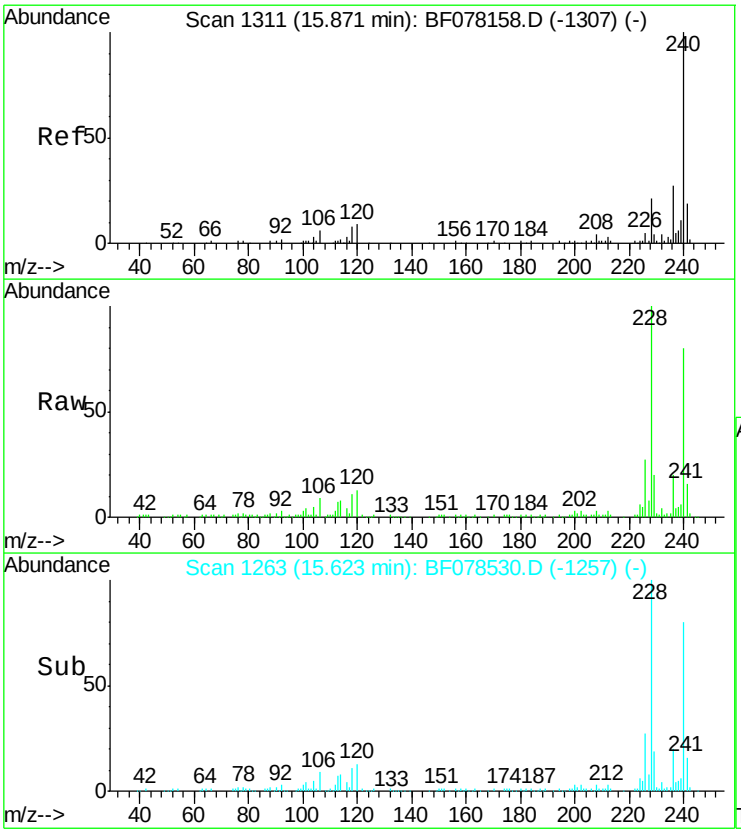
#74
Fluoranthene
Concen: 49.10 ng
RT: 13.86 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion:202 Resp: 349586

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	35.2
203	17.5	0.0	38.5

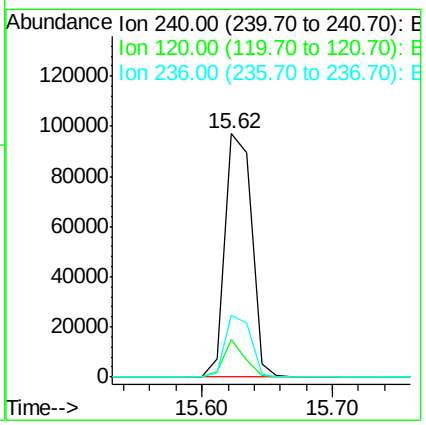


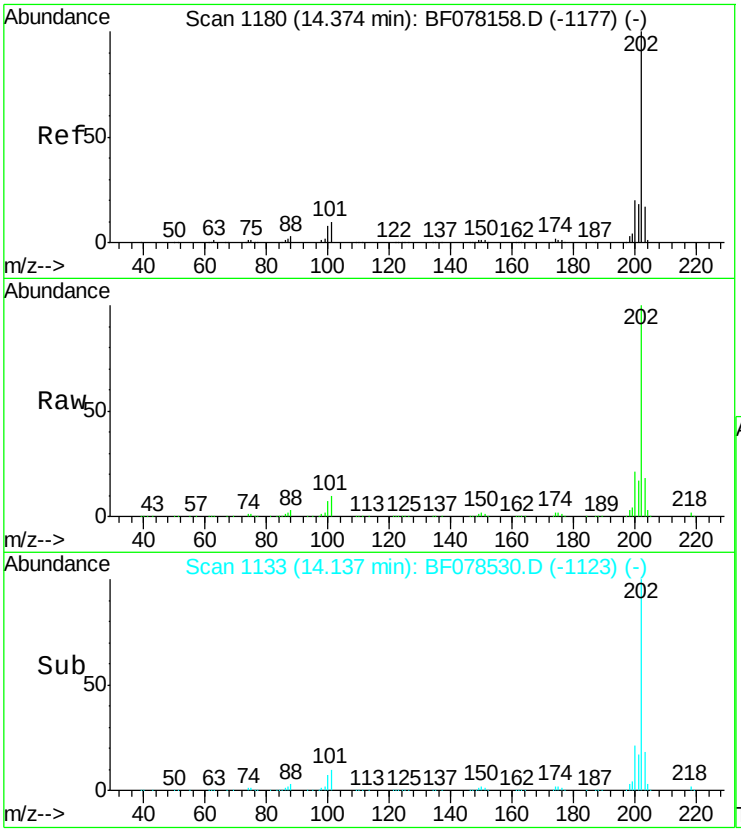


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:240 Resp: 137776

Ion	Ratio	Lower	Upper
240	100		
120	15.7	7.1	10.7#
236	25.2	21.4	32.2



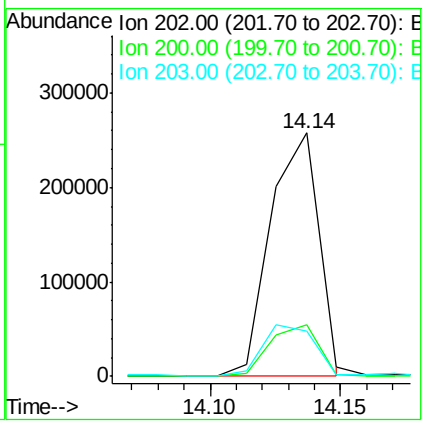


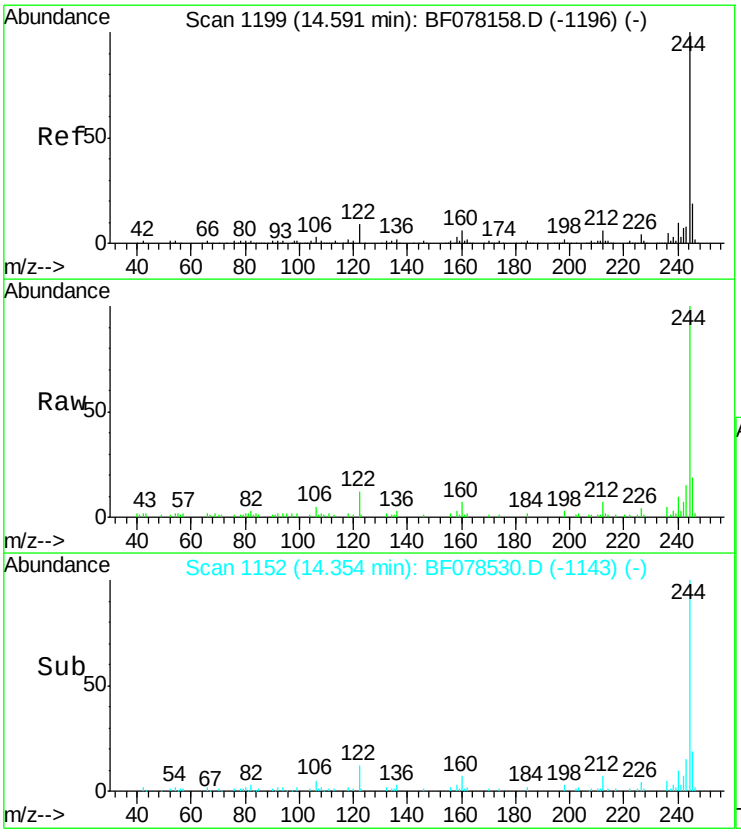
#77
Pyrene
Concen: 38.18 ng
RT: 14.14 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion:202 Resp: 330208

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	18.4	13.8	20.6

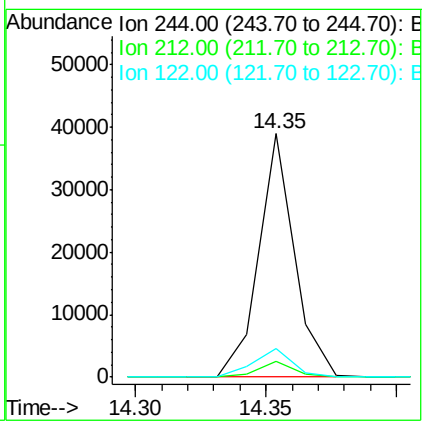


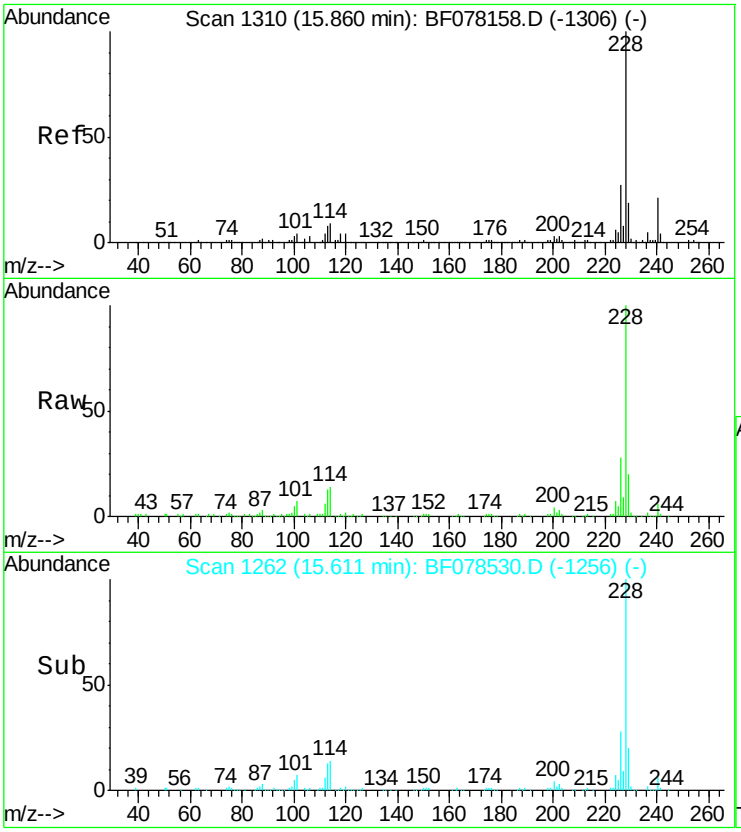


#78
Terphenyl-d14
Concen: 6.15 ng
RT: 14.35 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:244 Resp: 37468

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	11.9	7.1	10.7#



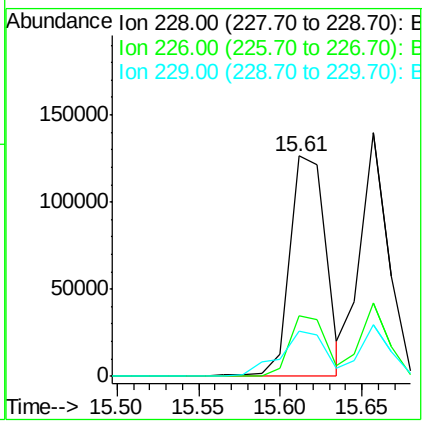


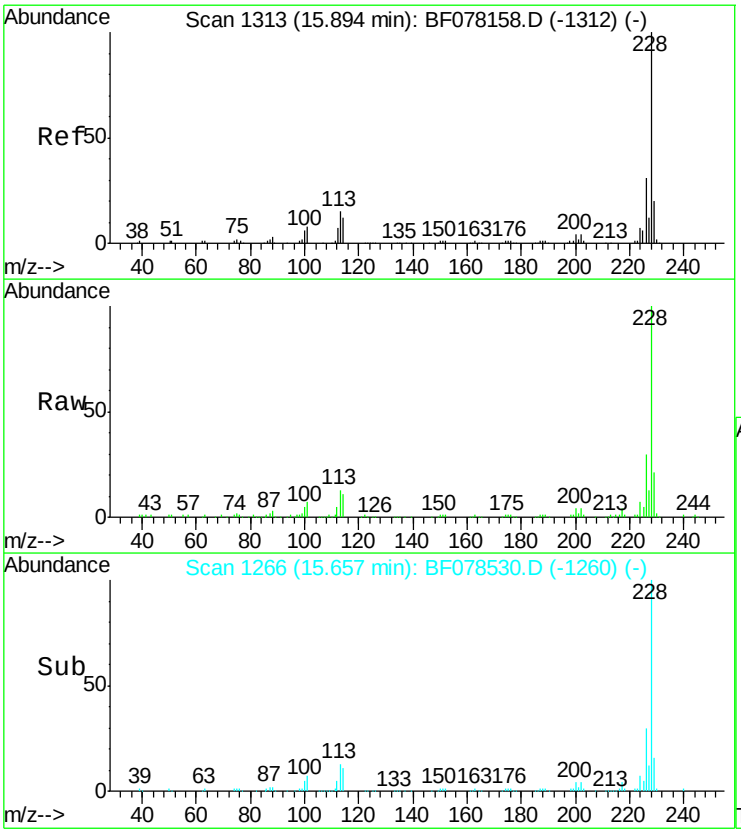
#80
Benzo(a)anthracene
Concen: 23.78 ng
RT: 15.61 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion:228 Resp: 194947

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.3	31.9
229	20.2	15.4	23.2

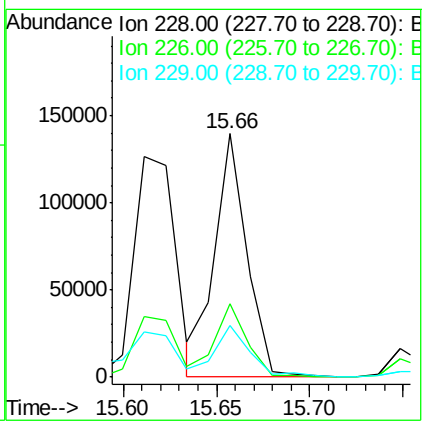


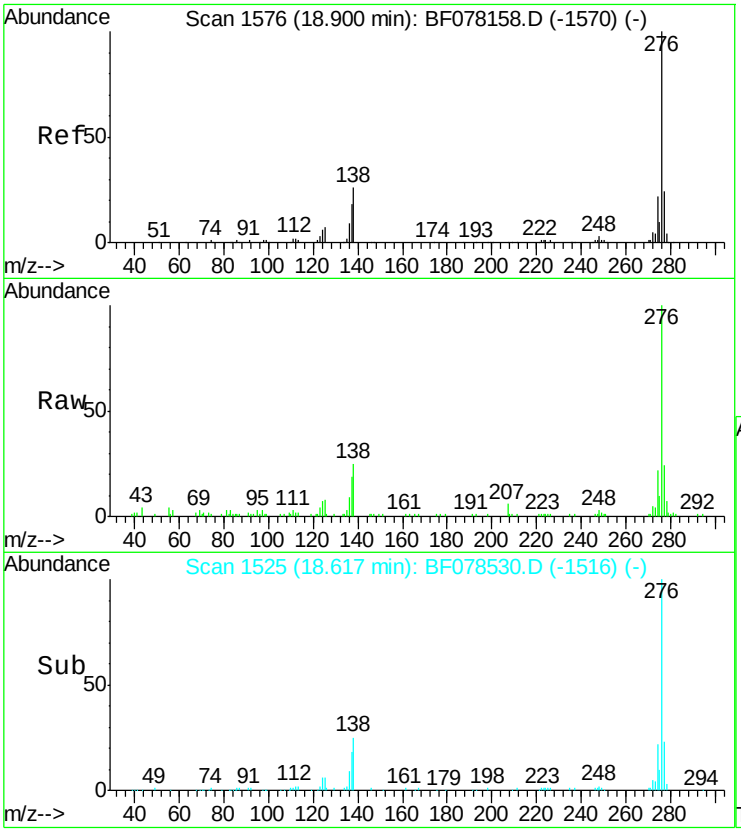


#82
Chrysene
Concen: 21.59 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:228 Resp: 166278

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	21.4	15.8	23.8



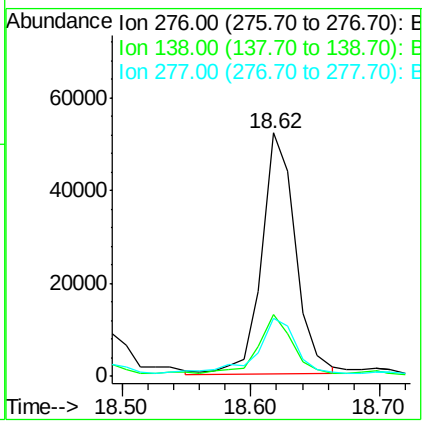


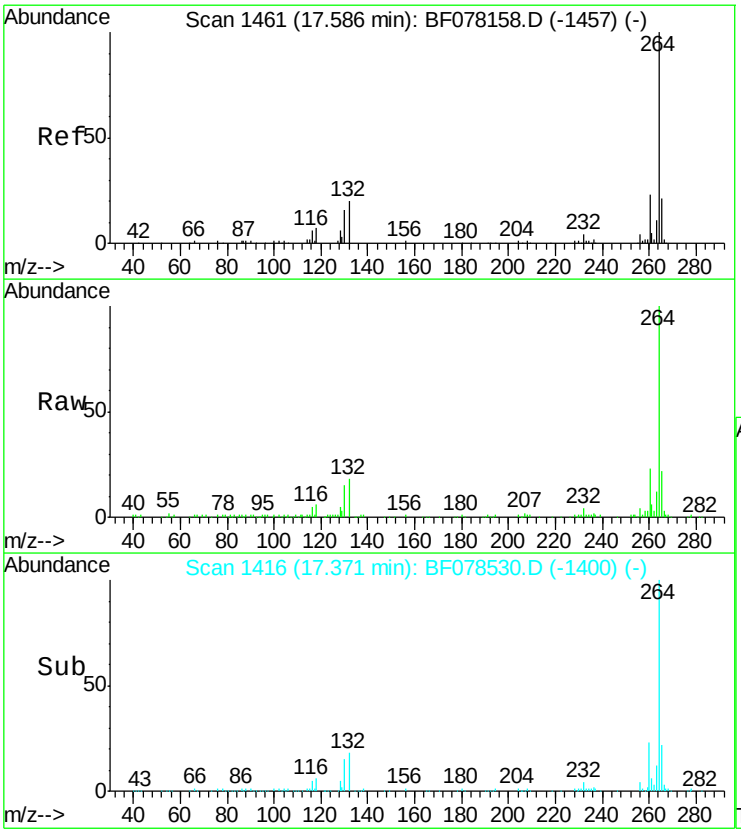
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.83 ng m
RT: 18.62 min Scan# 1525
Delta R.T. -0.19 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion:276 Resp: 94616

Ion	Ratio	Lower	Upper
276	100		
138	3.1	16.9	25.3#
277	1.7	15.8	23.6#

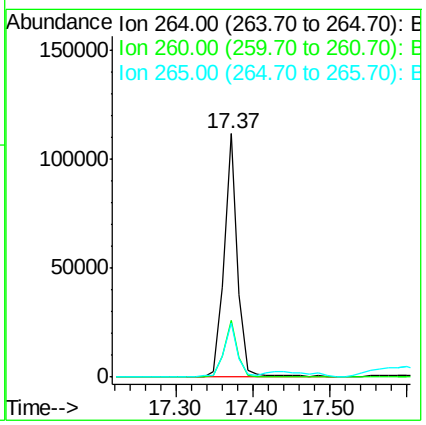


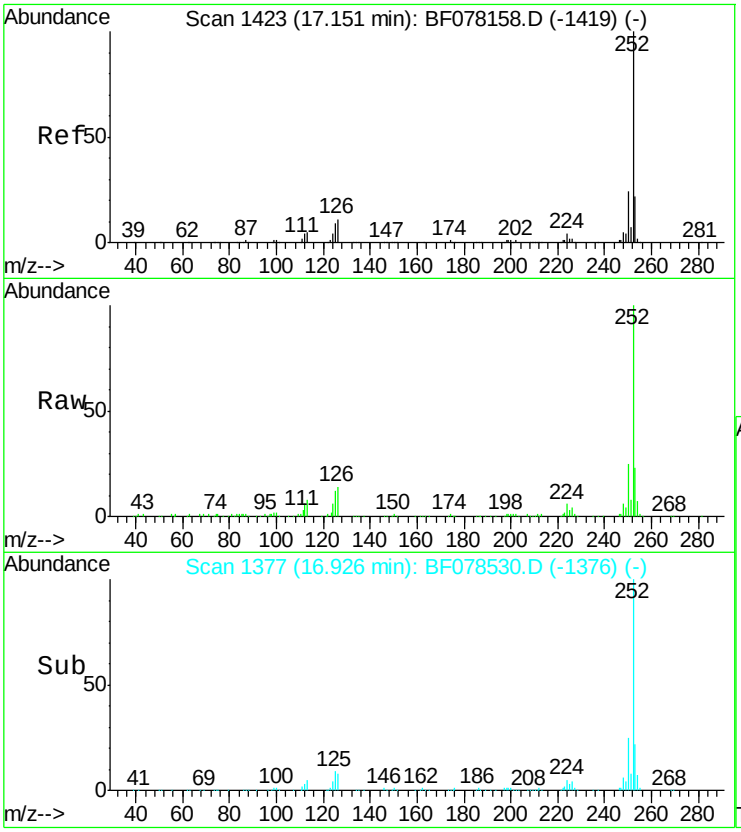


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.37 min Scan# 1416
Delta R.T. -0.11 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:264 Resp: 139597

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.2	17.0	25.6



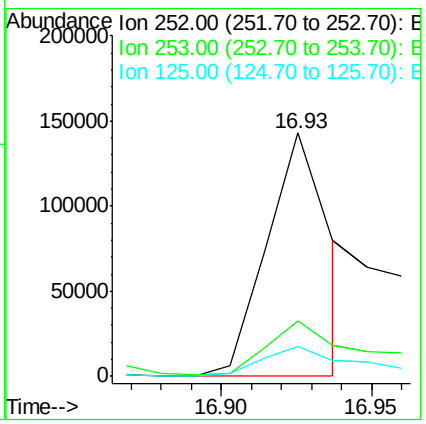


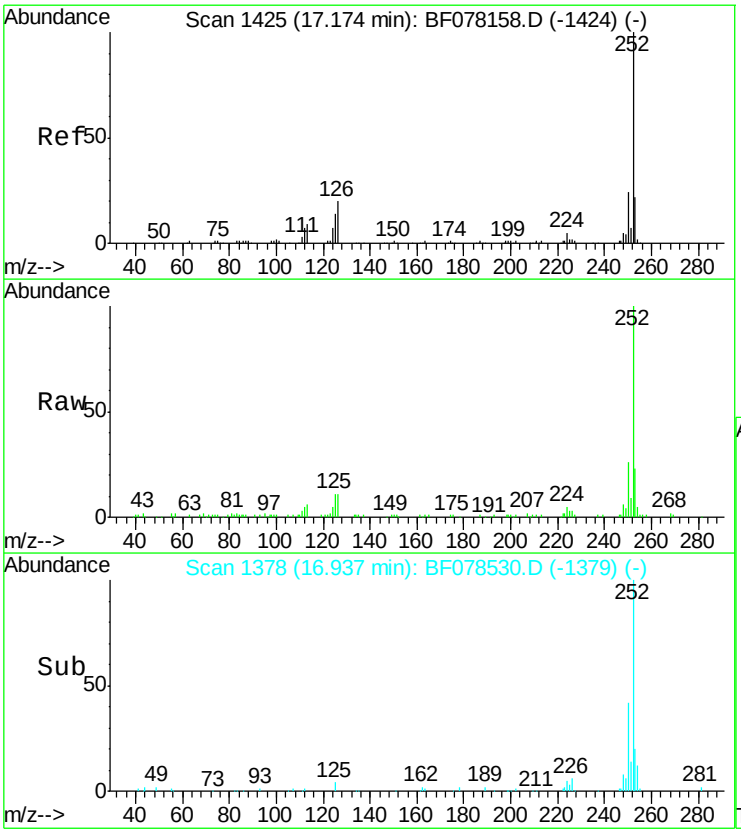
#87
Benzo(b)fluoranthene
Concen: 24.07 ng m
RT: 16.93 min Scan# 1377
Delta R.T. -0.09 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion:252 Resp: 207672

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.2	7.0	10.4#

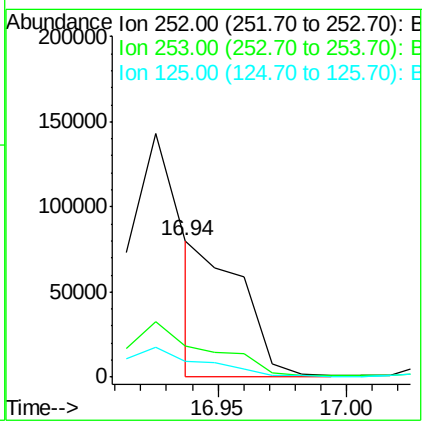


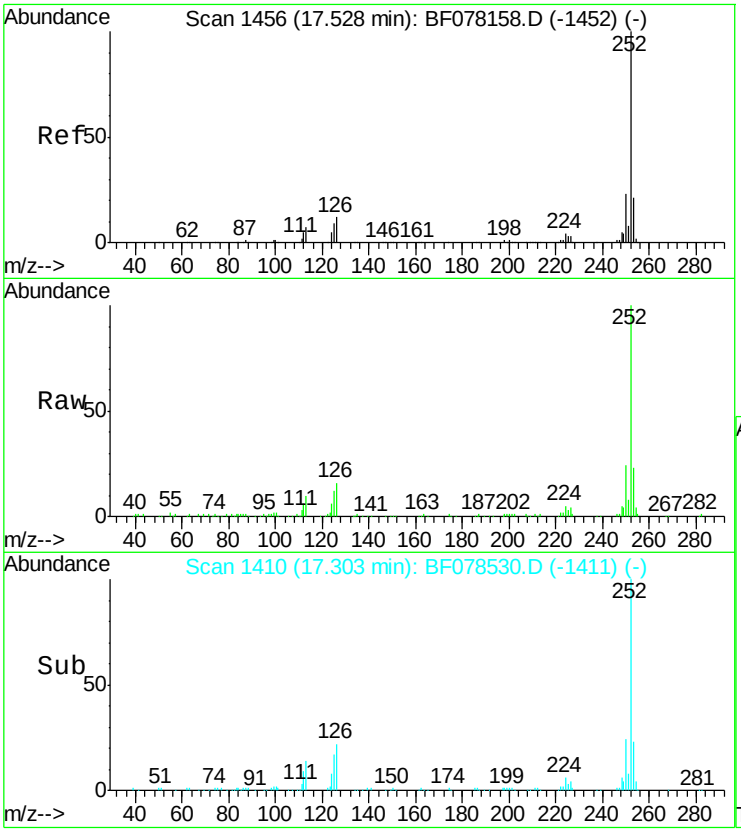


#88
Benzo(k)fluoranthene
Concen: 12.00 ng m
RT: 16.94 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:252 Resp: 91988

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.4	11.6	17.4#



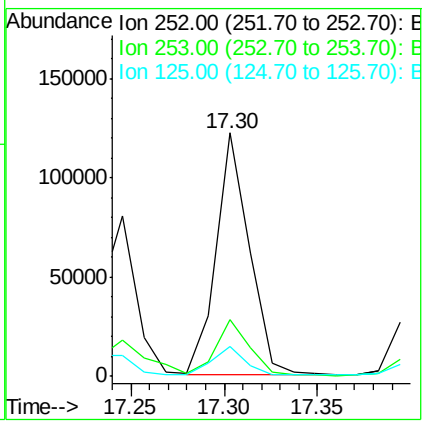


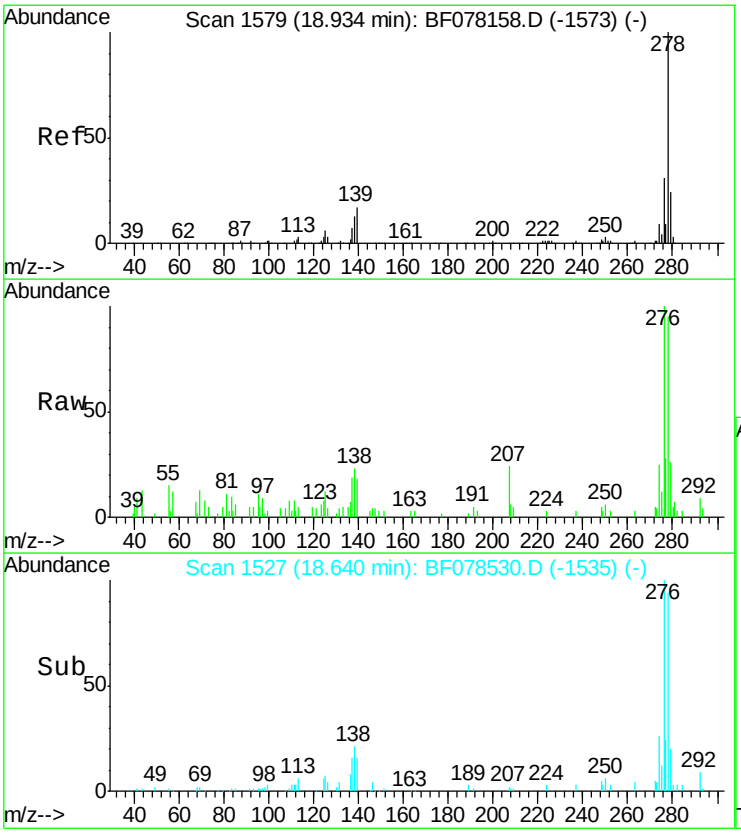
#89
Benzo(a)pyrene
Concen: 19.88 ng
RT: 17.30 min Scan# 1410
Delta R.T. -0.11 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion:252 Resp: 149703

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.8	25.2
125	12.4	7.4	11.0#

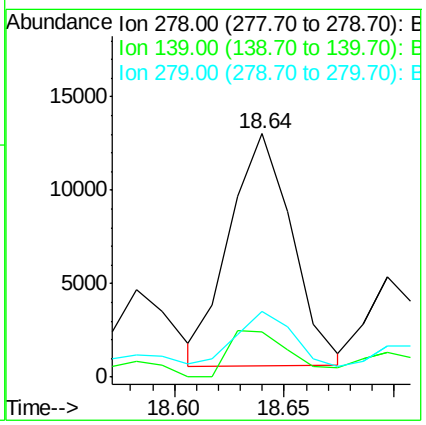


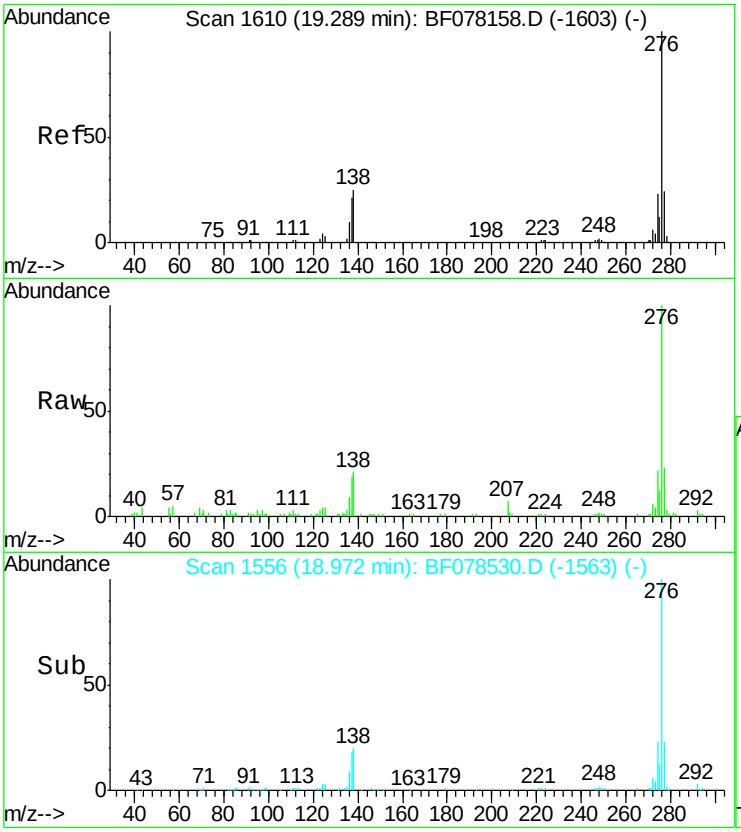


#90
Dibenzo(a,h)anthracene
Concen: 3.27 ng m
RT: 18.64 min Scan# 1527
Delta R.T. -0.19 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Tgt Ion:278 Resp: 24625

Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.6	20.4
279	26.8	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 11.71 ng m
RT: 18.97 min Scan# 1556
Delta R.T. -0.18 min
Lab File: BF078530.D
Acq: 15 Apr 2015 8:13

Instrument :
BNA_F
ClientSampleId :
SP-3DL

Tgt Ion:276 Resp: 88493

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.8	19.9	29.9