Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078637.D
Acq On : 18 Apr 2015 11:25
Operator : TP/IZ
Sample : G1891-14
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-70S

Quant Time: Apr 20 00:58:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 05:04:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	39646	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	158802	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	84274	20.00	ng		0.00
63) Phenanthrene-d10	12.22	188	169417	20.00	ng		0.00
75) Chrysene-d12	15.47	240	187413	20.00	ng		0.01
86) Perylene-d12	17.14	264	195248	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	288752	120.08	ng		0.00
7) Phenol-d6	6.28	99	367394	121.92	ng		0.00
23) Nitrobenzene-d5	7.38	82	219265	83.69	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	104296	149.22	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	488910	82.93	ng		0.01
78) Terphenyl-d14	14.22	244	624892	75.34	ng		0.01
Target Compounds							Qvalue
48) Acenaphthylene	10.23	152	20107	2.30	ng		97
49) Dimethylphthalate	10.11	163	21045	3.32	ng		100
55) 4-Nitrophenol	10.66	139	3608	5.96	ng	#	18
57) Fluorene	11.07	166	13972	2.29	ng		99
70) Phenanthrene	12.25	178	188228	19.21	ng		100
71) Anthracene	12.31	178	59252	6.14	ng		98
74) Fluoranthene	13.71	202	424959	41.12	ng		94
77) Pyrene	13.99	202	411455	34.97	ng		98
80) Benzo(a)anthracene	15.46	228	218736	19.62	ng		97
82) Chrysene	15.50	228	198342	18.93	ng		98
85) Indeno(1,2,3-cd)pyrene	18.31	276	152313	12.81	ng	#	86
87) Benzo(b)fluoranthene	16.72	252	378981	31.41	ng	#	95
88) Benzo(k)fluoranthene	16.72	252	380030	35.44	ng		96
89) Benzo(a)pyrene	17.07	252	228980	21.74	ng	#	92
90) Dibenzo(a,h)anthracene	18.33	278	36429	3.46	ng	#	90
91) Benzo(g,h,i)perylene	18.64	276	151184	14.30	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078637.D
Acq On : 18 Apr 2015 11:25
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SB-70S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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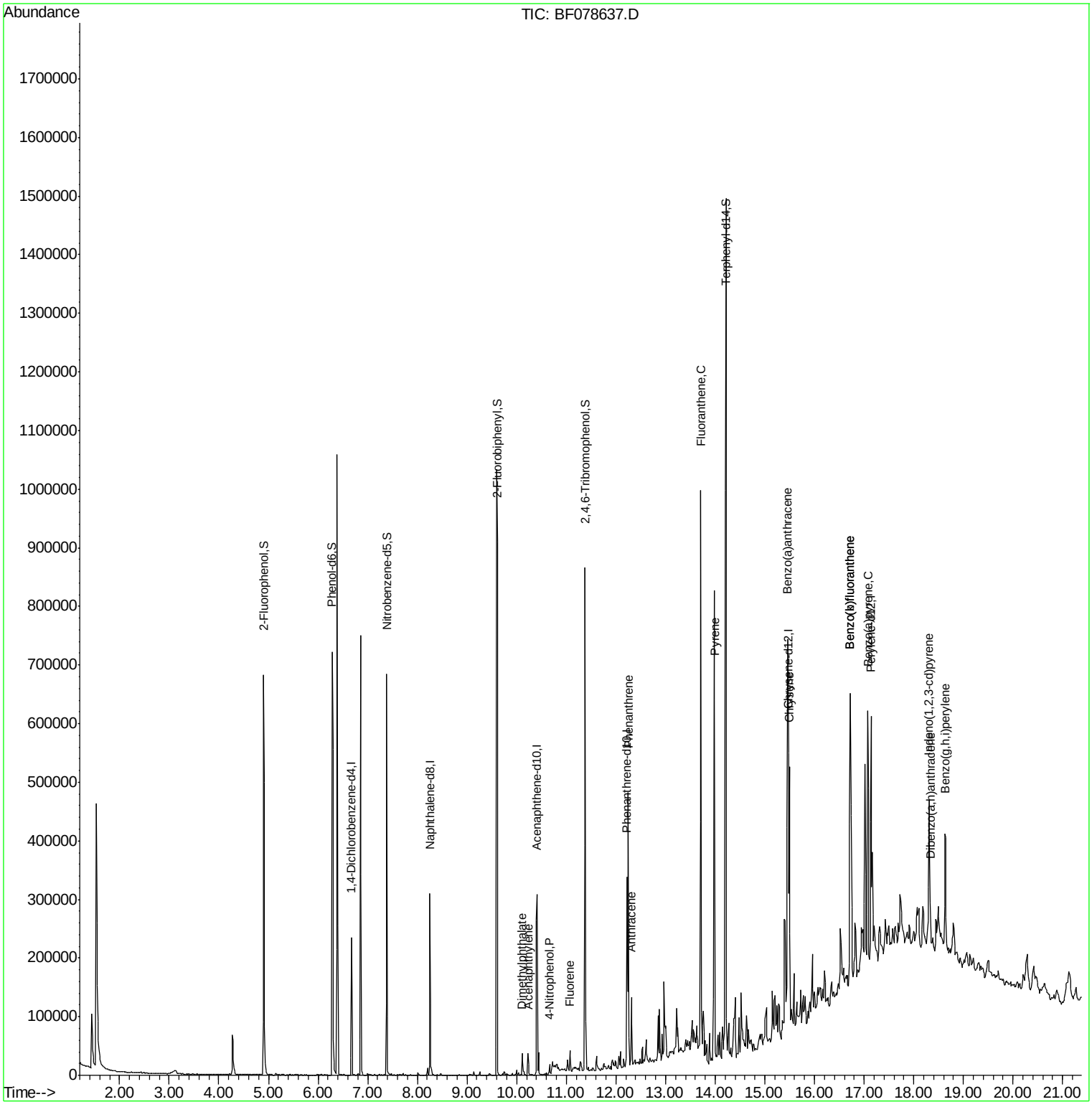
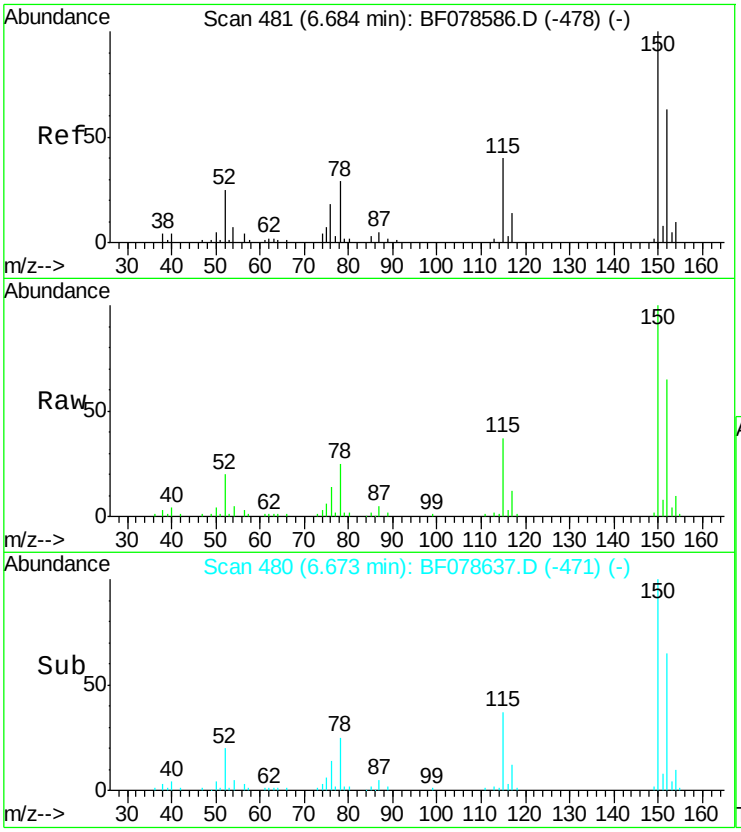


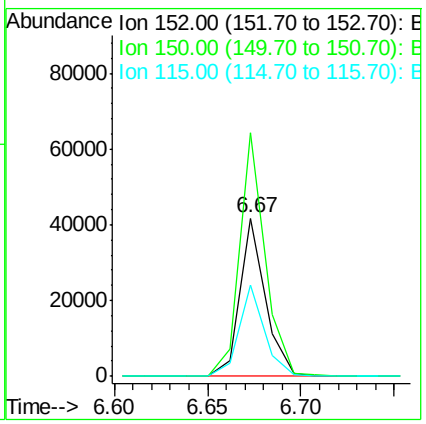


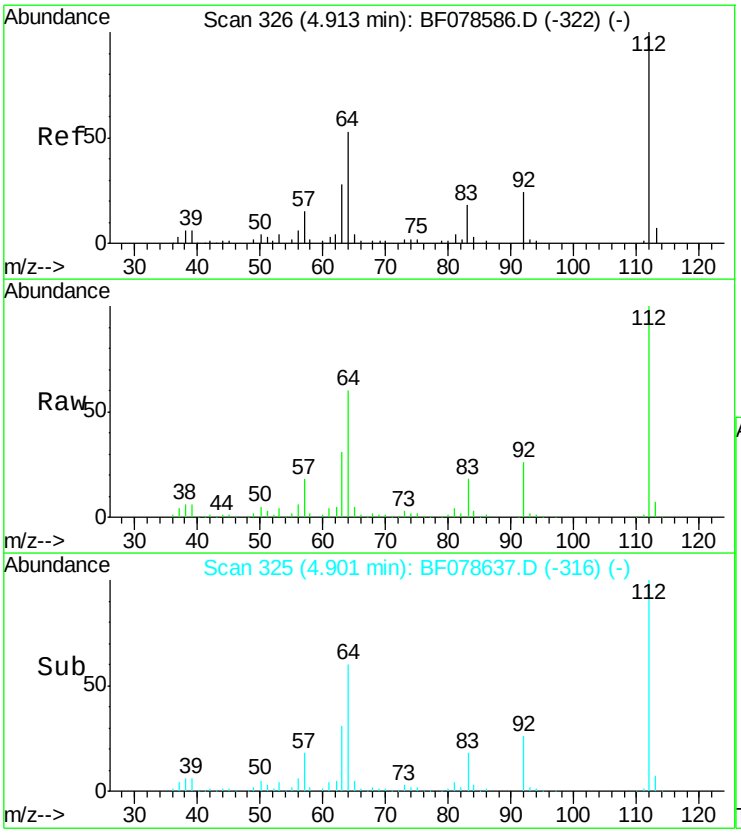
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion:152 Resp: 39646

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.9	188.9
115	57.7	52.7	79.1

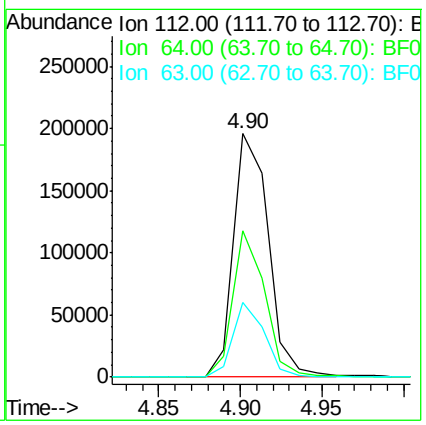


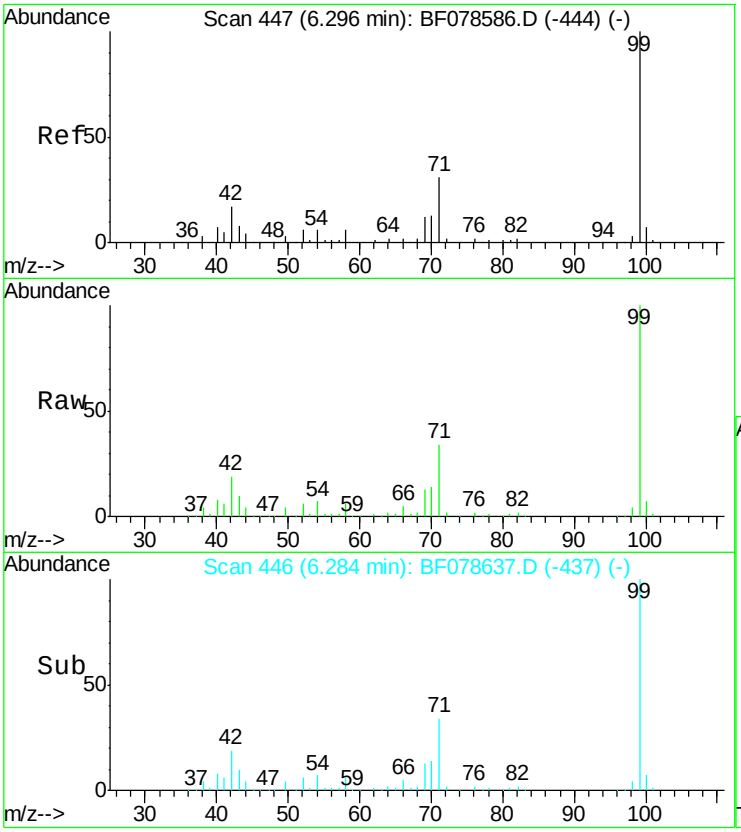


#5
2-Fluorophenol
Concen: 120.08 ng
RT: 4.90 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:112 Resp: 288752

Ion	Ratio	Lower	Upper
112	100		
64	60.0	39.9	59.9#
63	30.8	20.2	30.4#



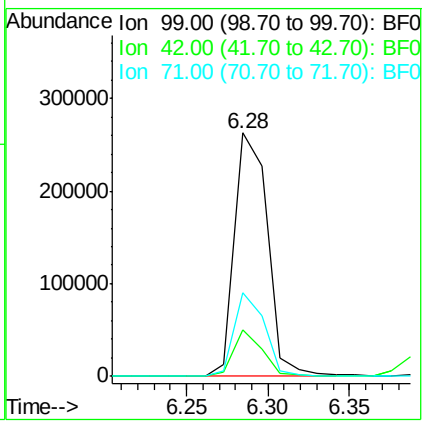


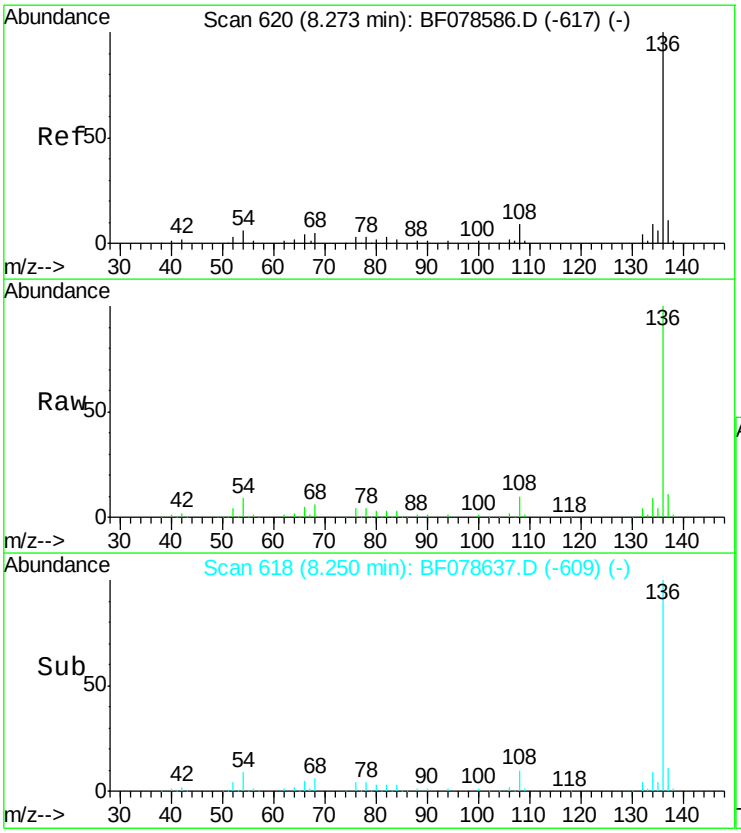
#7
Phenol-d6
Concen: 121.92 ng
RT: 6.28 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion: 99 Resp: 367394

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.8	22.2
71	34.2	26.6	39.8

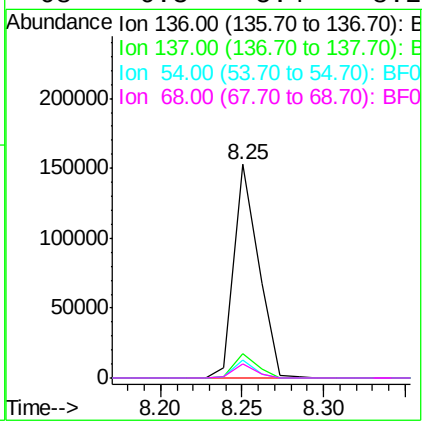


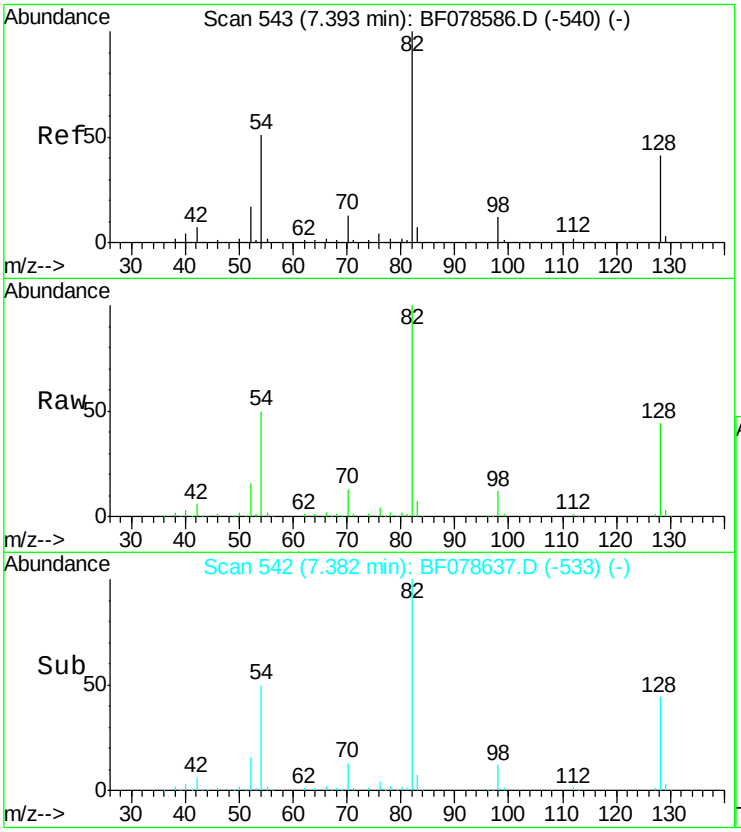


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:136 Resp: 158802

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.5	7.0	10.6
68	6.3	5.4	8.2



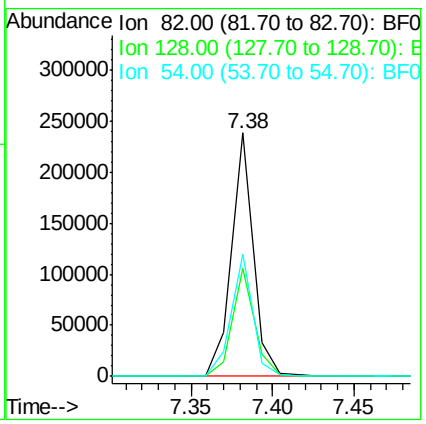


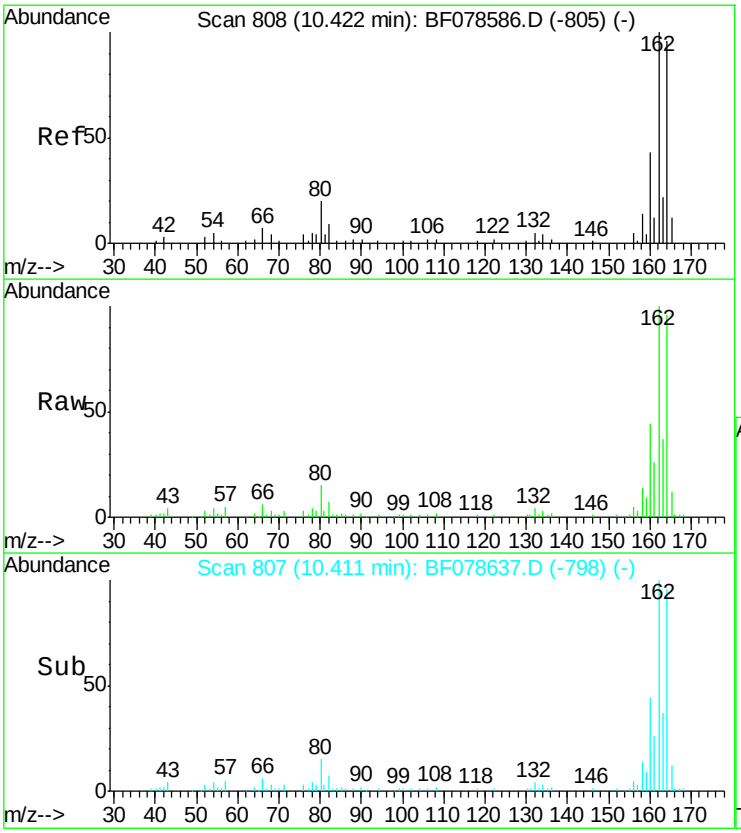
#23
Nitrobenzene-d5
Concen: 83.69 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion: 82 Resp: 219265

Ion	Ratio	Lower	Upper
82	100		
128	44.1	31.8	47.8
54	50.1	41.5	62.3

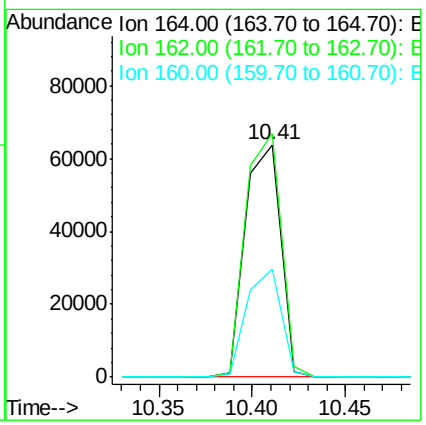


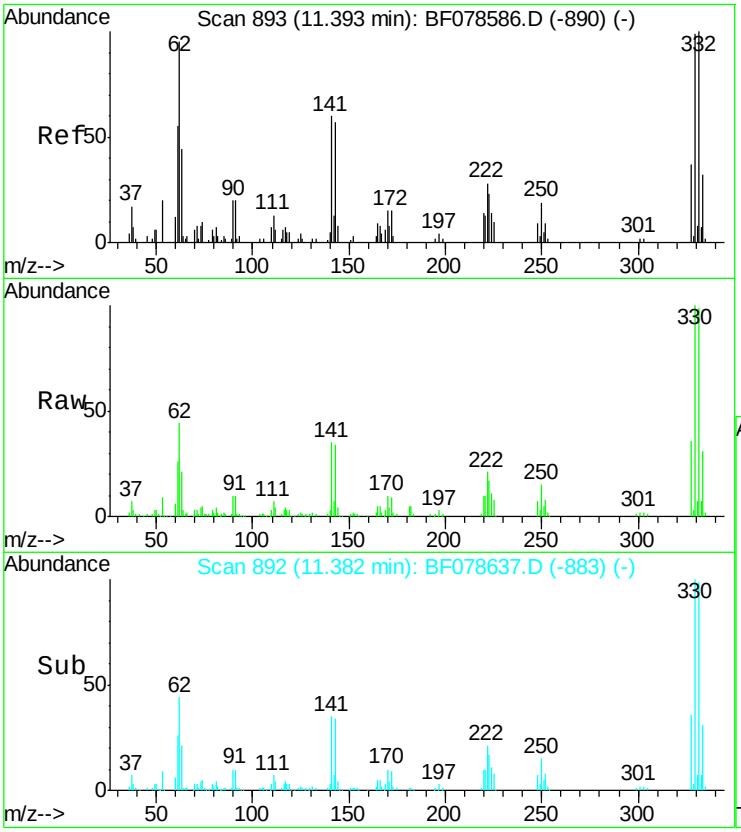


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:164 Resp: 84274

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.2	123.2
160	46.1	34.7	52.1



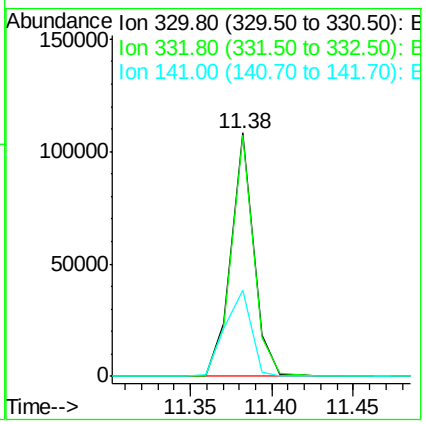


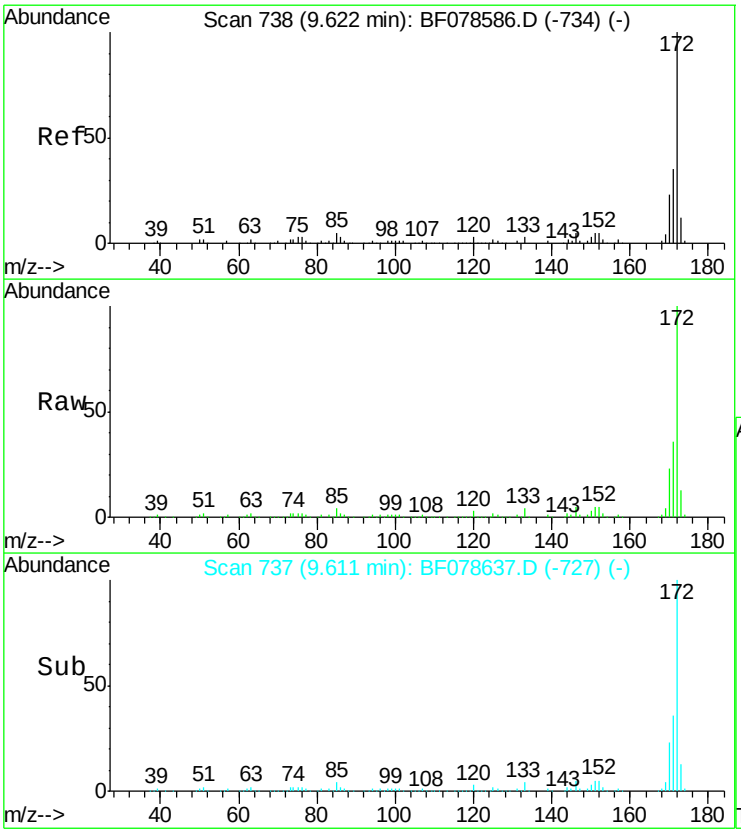
#41
2,4,6-Tribromophenol
Concen: 149.22 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion:330 Resp: 104296

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.6	117.8
141	41.3	31.2	46.8

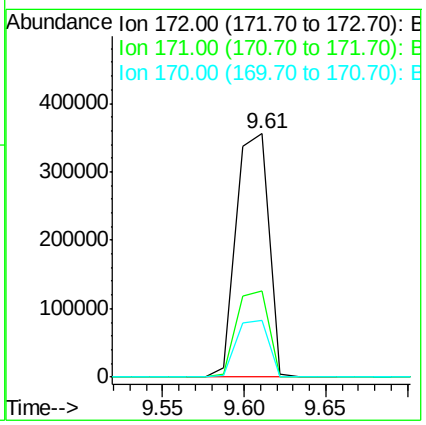


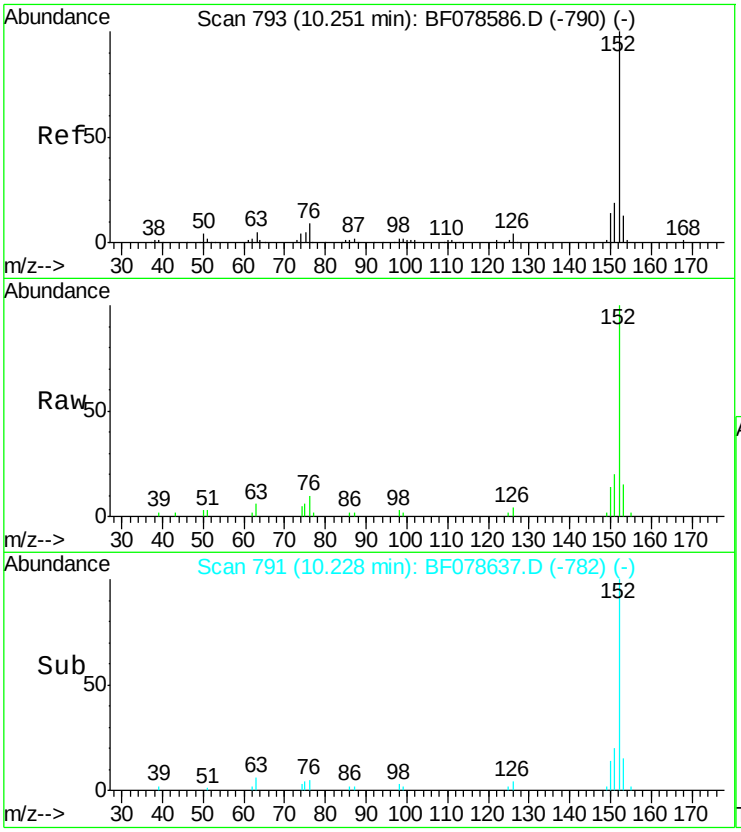


#44
2-Fluorobiphenyl
Concen: 82.93 ng
RT: 9.61 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:172 Resp: 488910

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.3	18.5	27.7



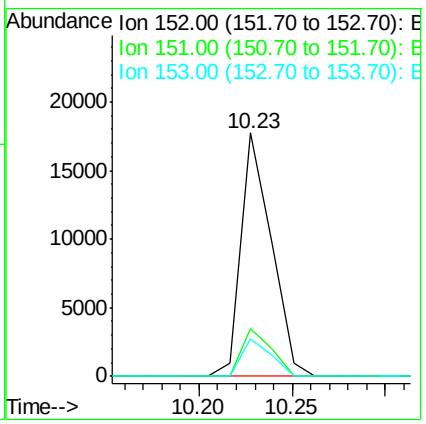


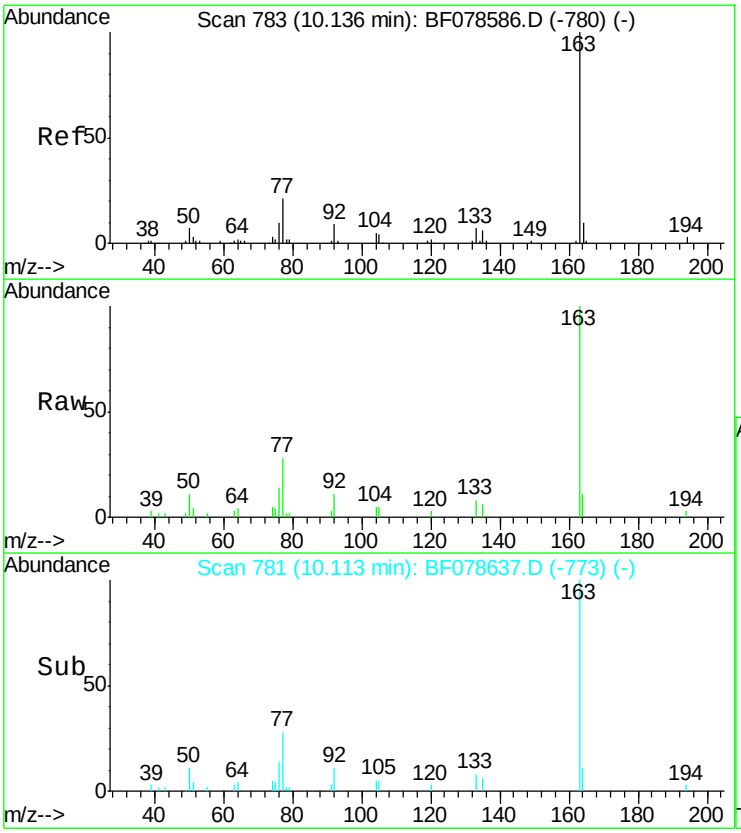
#48
Acenaphthylene
Concen: 2.30 ng
RT: 10.23 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion:152 Resp: 20107

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	15.2	10.2	15.2

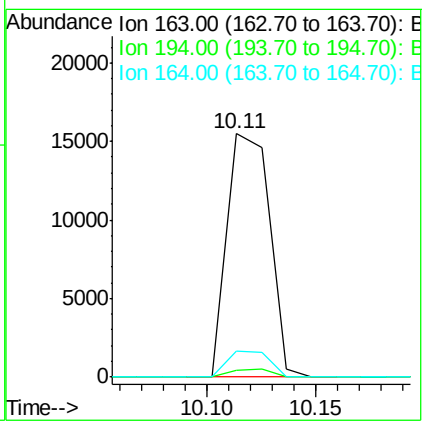


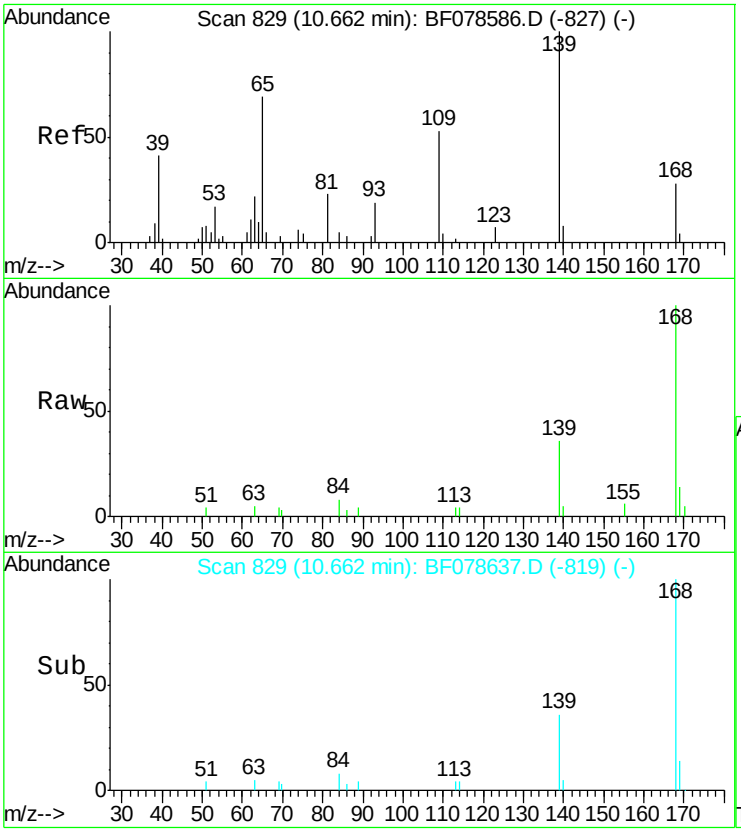


#49
Dimethylphthalate
Concen: 3.32 ng
RT: 10.11 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:163 Resp: 21045

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.3	3.5
164	10.7	8.6	13.0



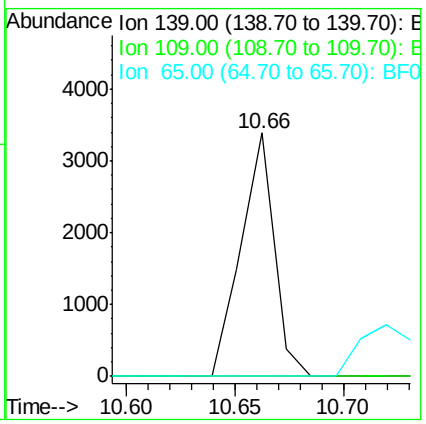


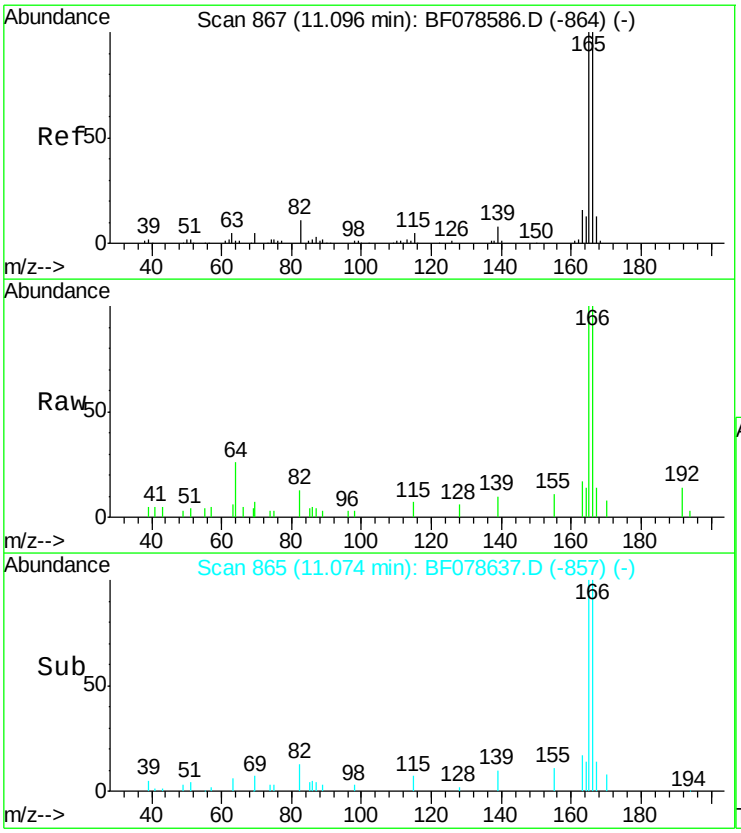
#55
4-Nitrophenol
Concen: 5.96 ng
RT: 10.66 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion:139 Resp: 3608

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

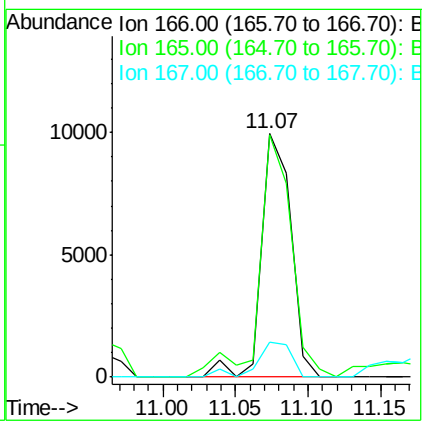


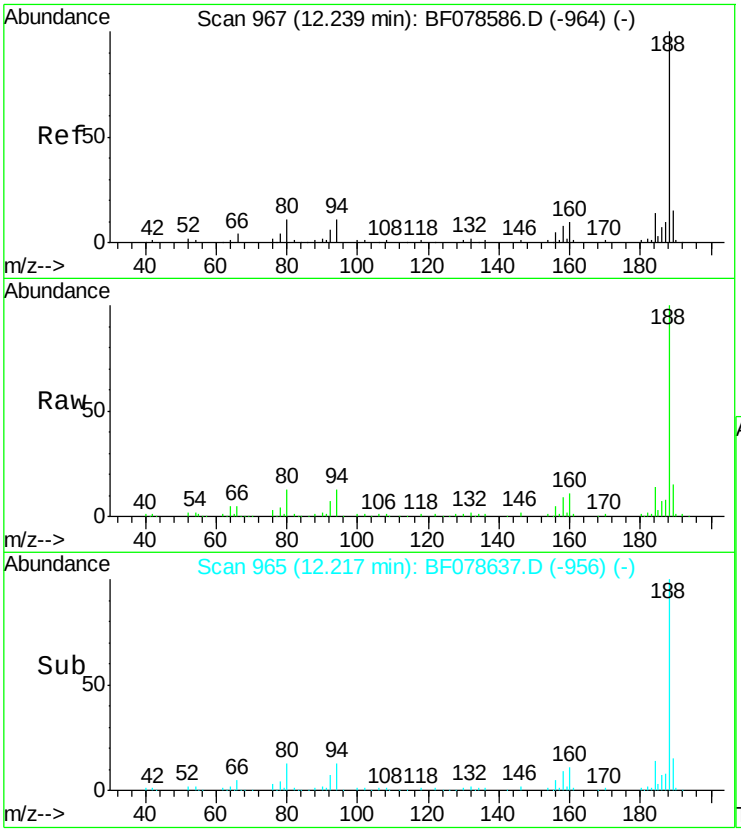


#57
Fluorene
Concen: 2.29 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:166 Resp: 13972

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.9	118.3
167	14.3	10.7	16.1



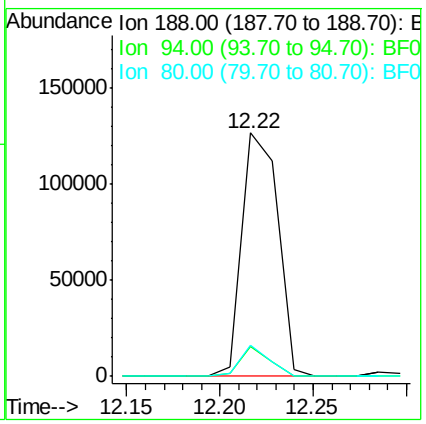


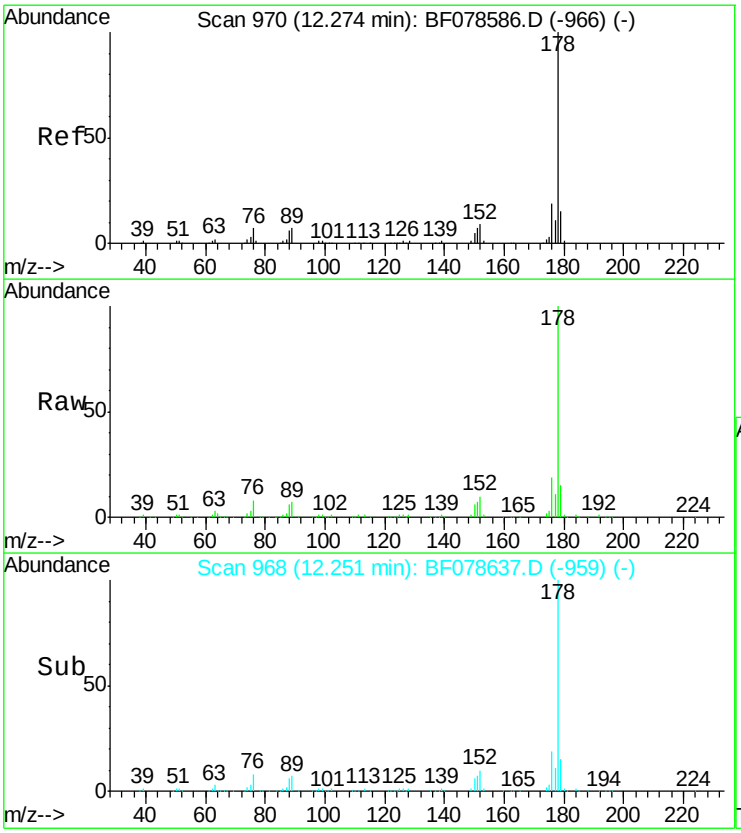
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion:188 Resp: 169417

Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.0	13.4
80	13.0	9.5	14.3

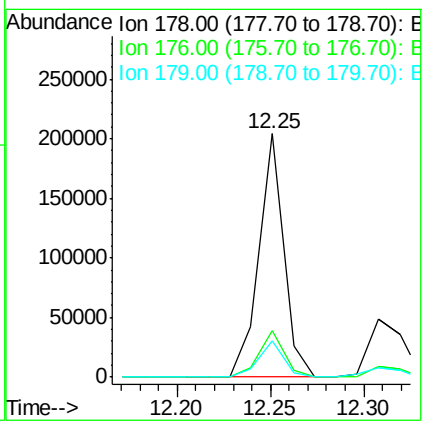


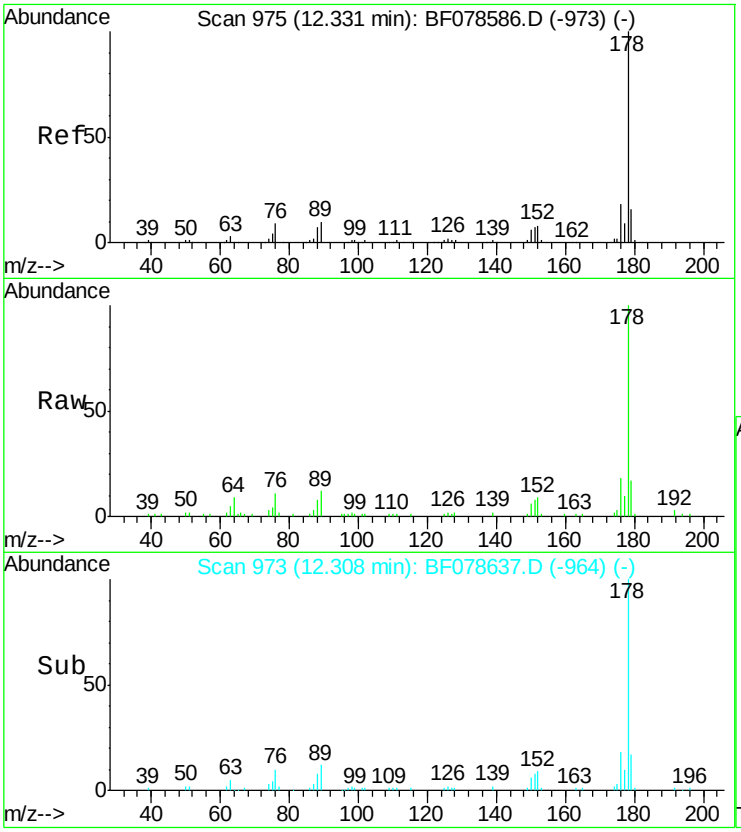


#70
Phenanthrene
Concen: 19.21 ng
RT: 12.25 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:178 Resp: 188228

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.0	12.2	18.2



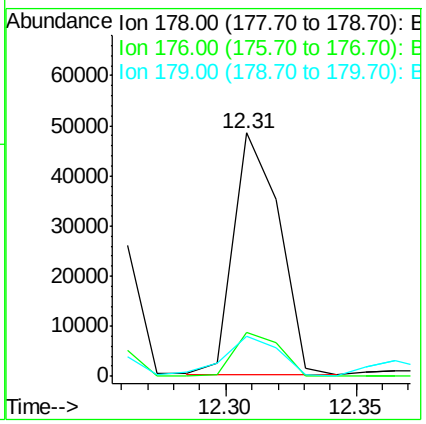


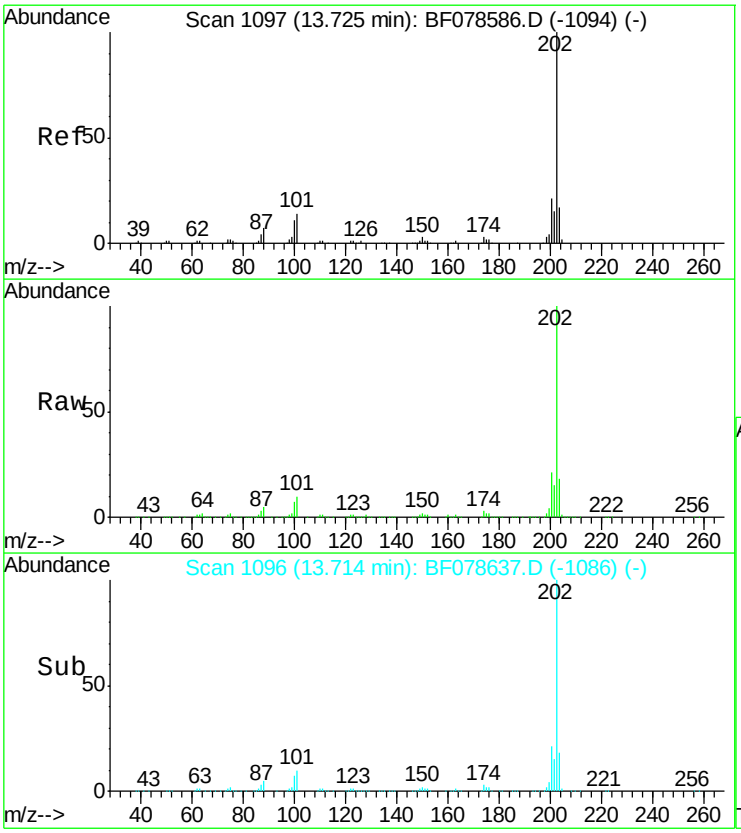
#71
Anthracene
Concen: 6.14 ng
RT: 12.31 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion:178 Resp: 59252

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.8	22.2
179	16.7	12.4	18.6

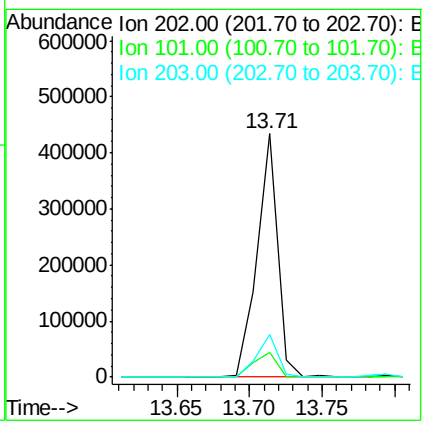


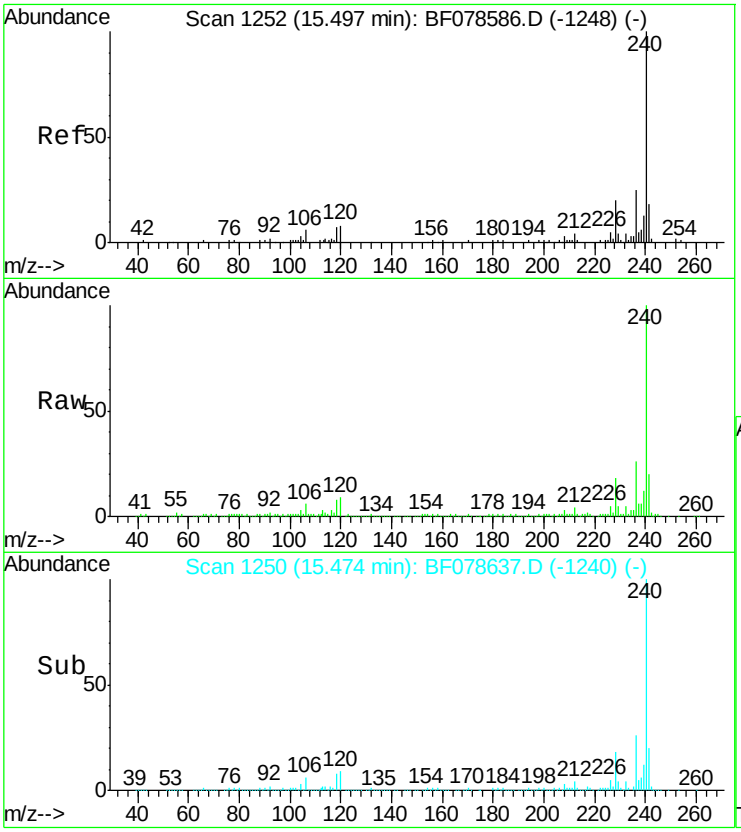


#74
Fluoranthene
Concen: 41.12 ng
RT: 13.71 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:202 Resp: 424959

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	35.2
203	17.7	0.0	38.5



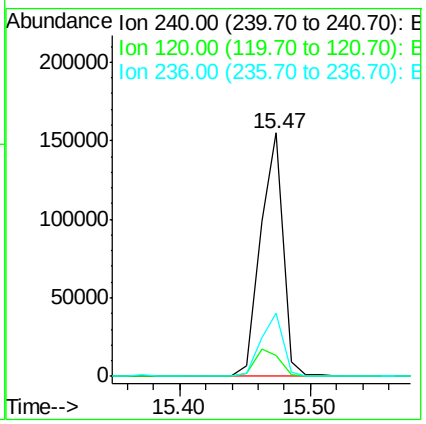


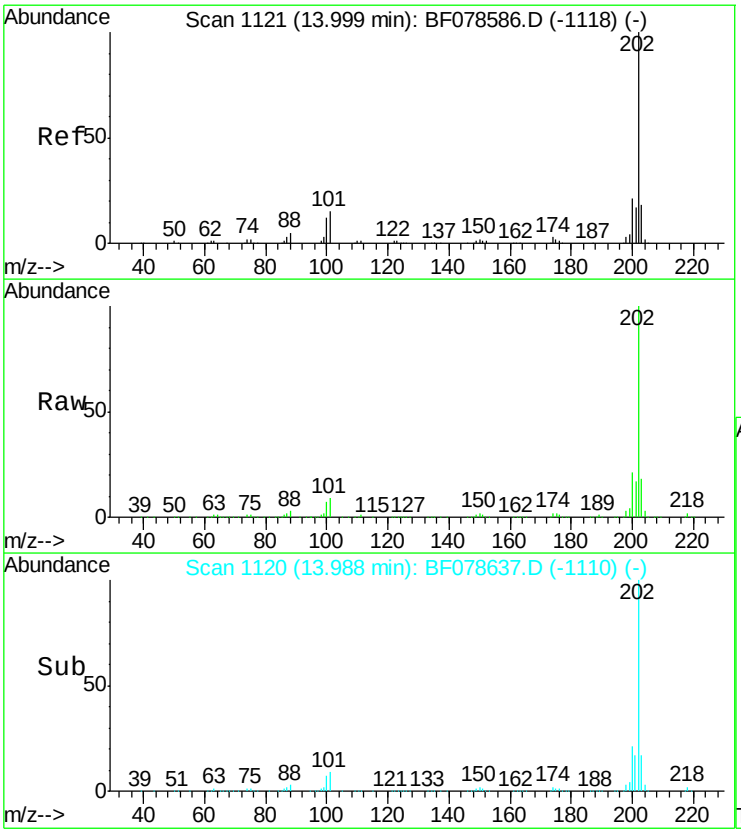
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion:240 Resp: 187413

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.1	10.7
236	26.0	21.4	32.2

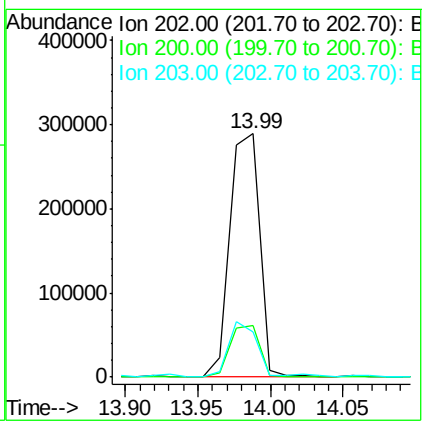


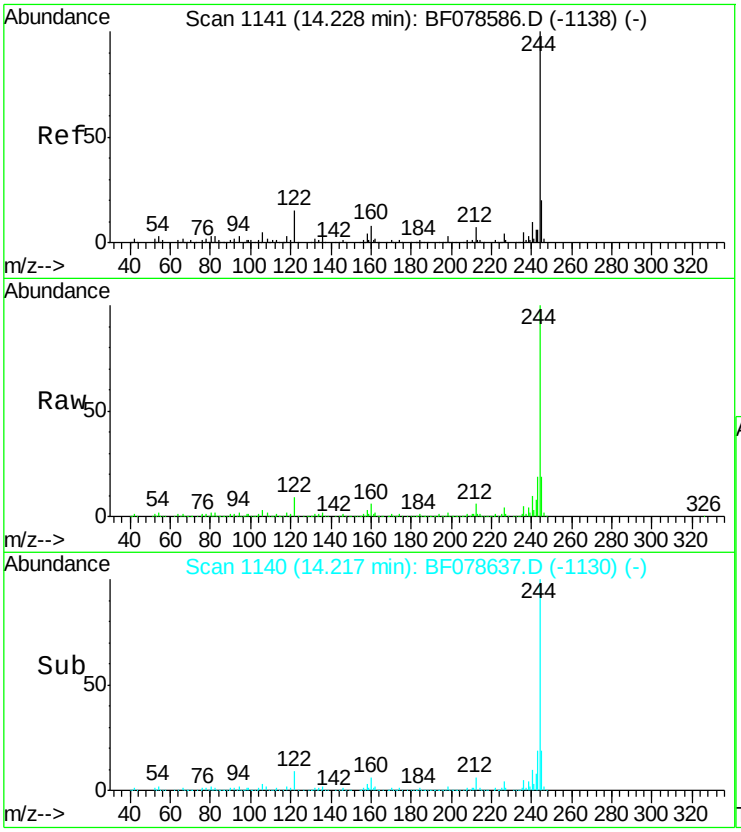


#77
Pyrene
Concen: 34.97 ng
RT: 13.99 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:202 Resp: 411455

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	18.3	13.8	20.6



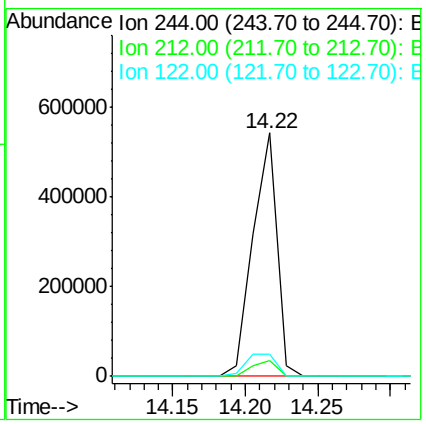


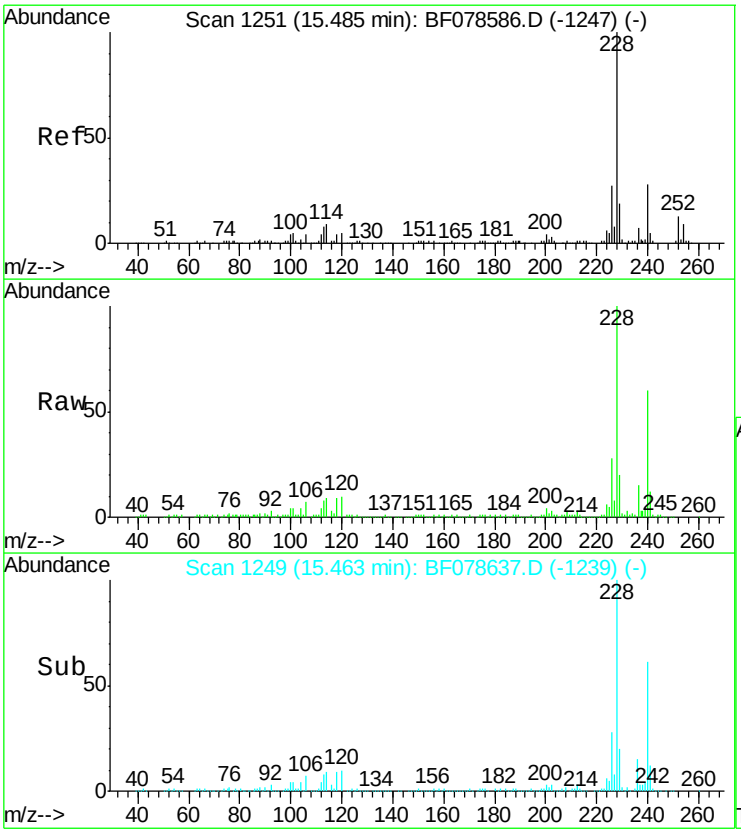
#78
Terphenyl-d14
Concen: 75.34 ng
RT: 14.22 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion:244 Resp: 624892

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	9.3	7.1	10.7

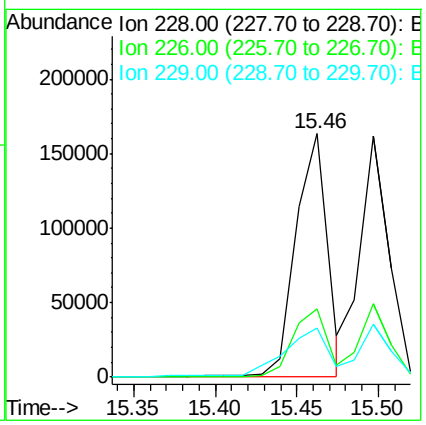


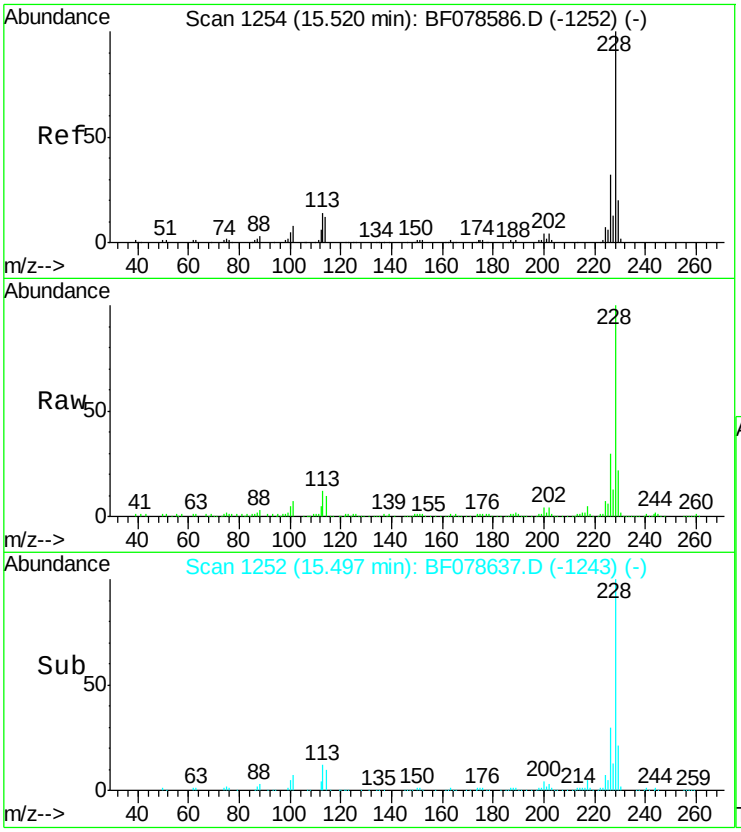


#80
Benzo(a)anthracene
Concen: 19.62 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:228 Resp: 218736

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.3	31.9
229	20.3	15.4	23.2



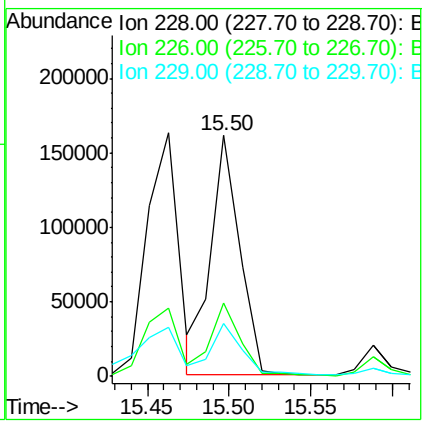


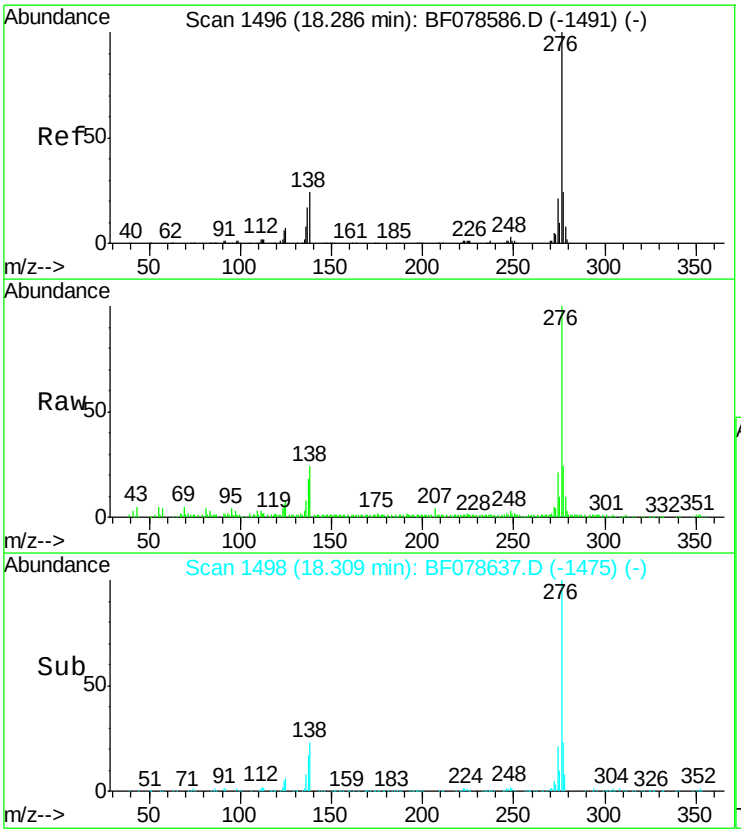
#82
Chrysene
Concen: 18.93 ng
RT: 15.50 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion:228 Resp: 198342

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	21.8	15.8	23.8

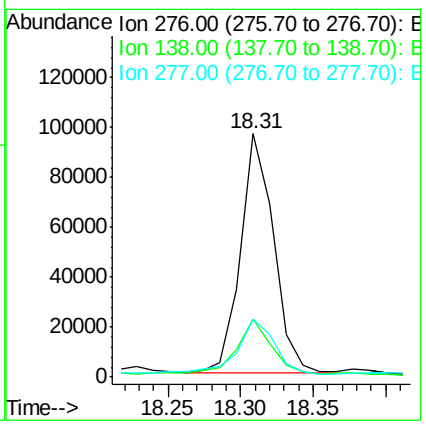


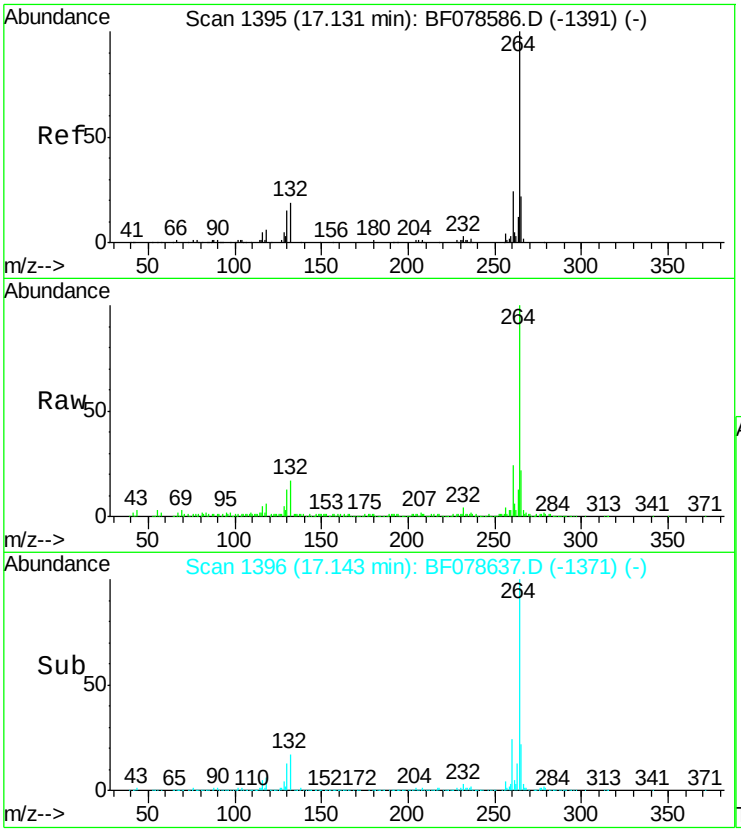


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.81 ng
RT: 18.31 min Scan# 1498
Delta R.T. -0.03 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:276 Resp: 152313

Ion	Ratio	Lower	Upper
276	100		
138	25.7	16.9	25.3#
277	28.1	15.8	23.6#



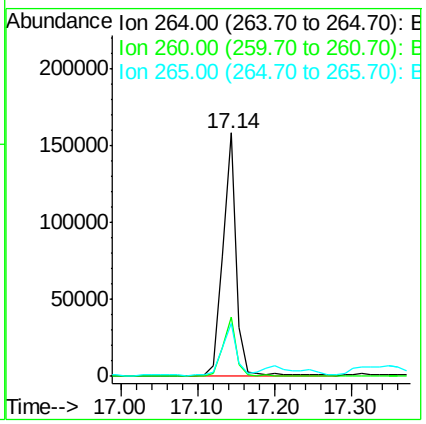


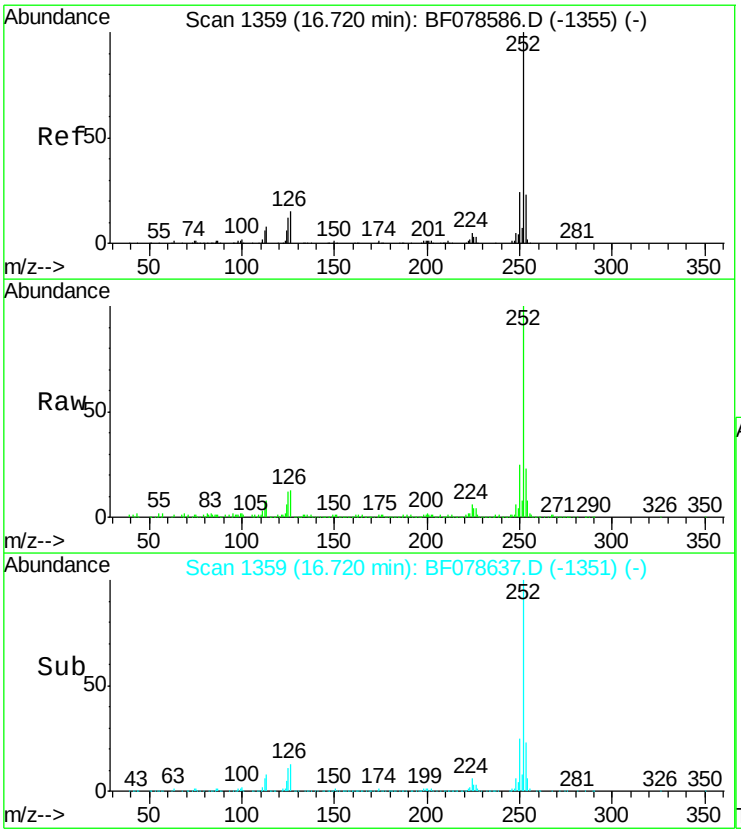
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.14 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion:264 Resp: 195248

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.0	17.0	25.6

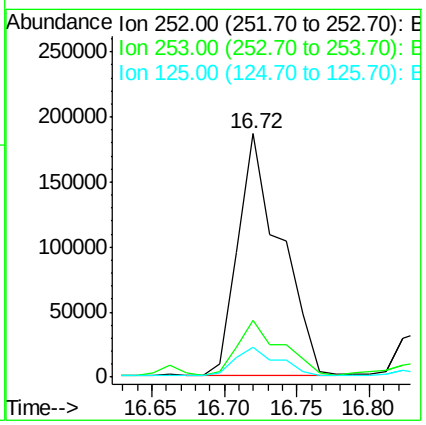


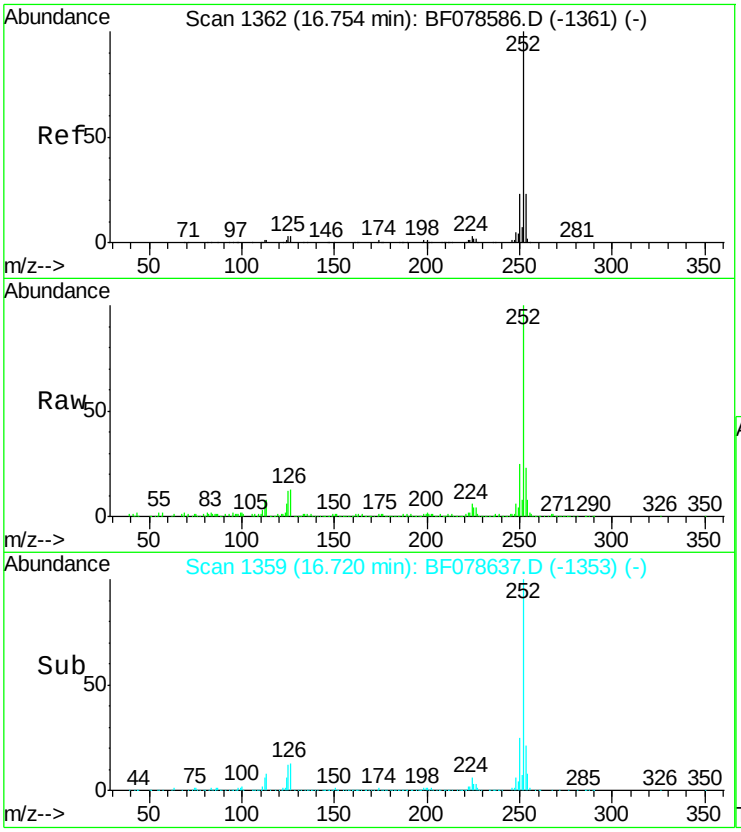


#87
Benzo(b)fluoranthene
Concen: 31.41 ng
RT: 16.72 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:252 Resp: 378981

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	12.0	7.0	10.4#



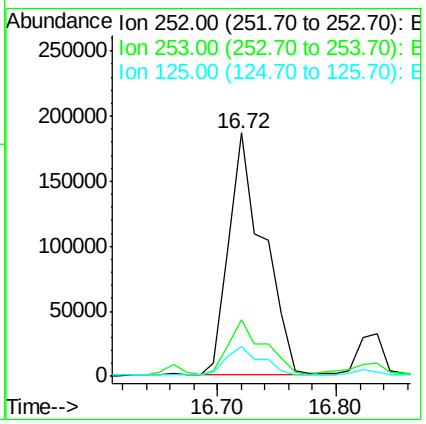


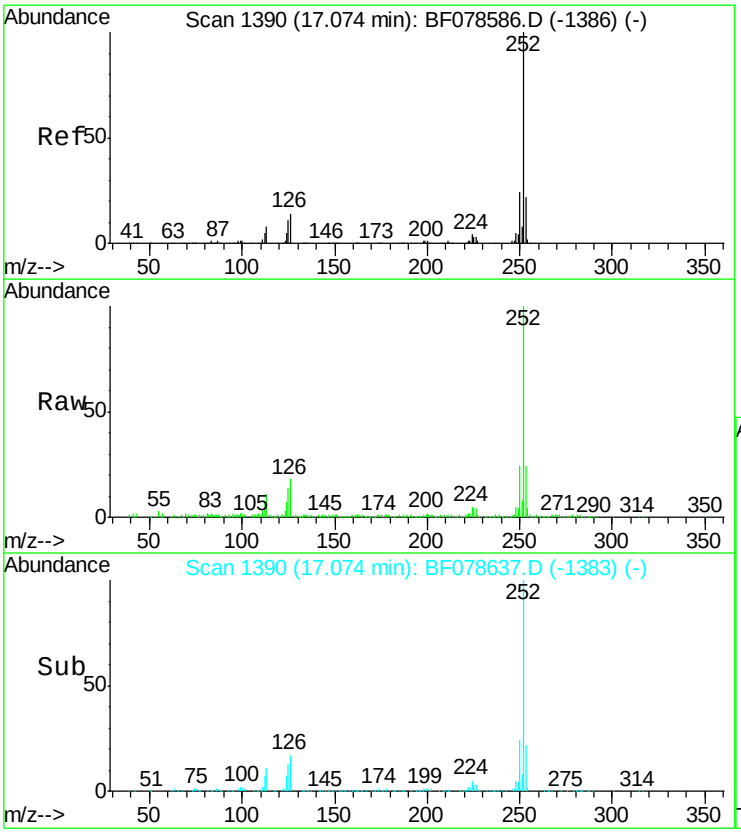
#88
Benzo(k)fluoranthene
Concen: 35.44 ng
RT: 16.72 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion:252 Resp: 380030

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.0	11.6	17.4

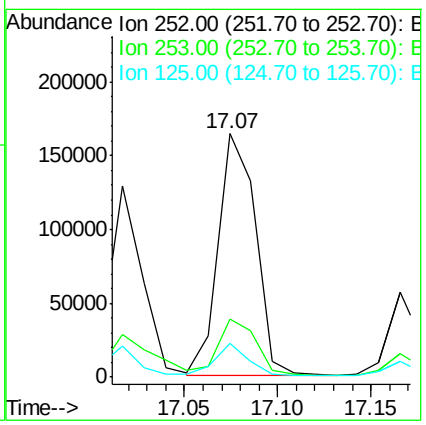


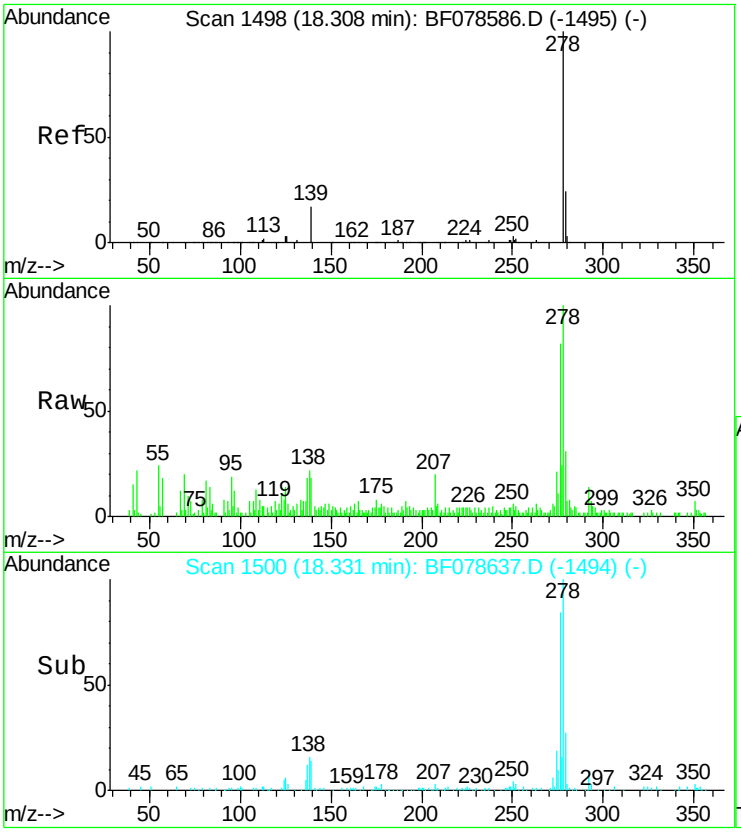


#89
Benzo(a)pyrene
Concen: 21.74 ng
RT: 17.07 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:252 Resp: 228980

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.8	25.2
125	13.8	7.4	11.0#



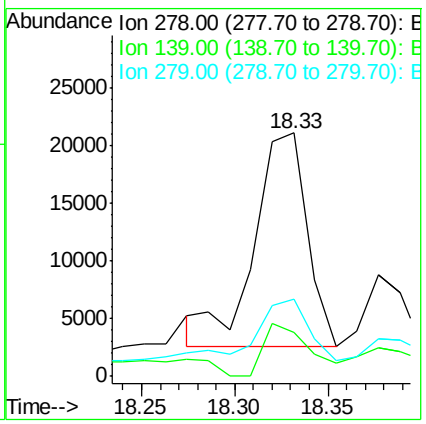


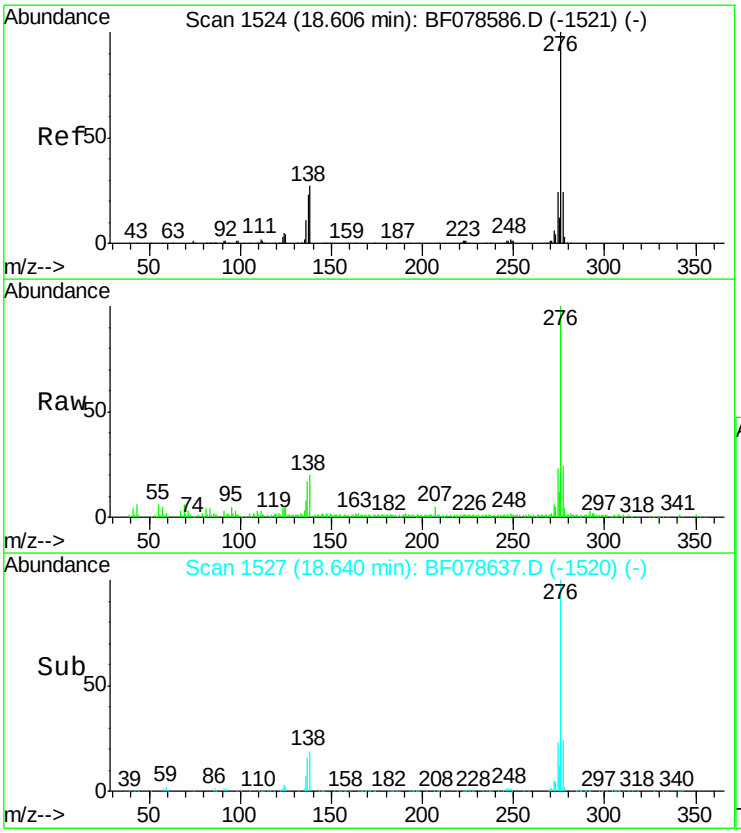
#90
Dibenzo(a,h)anthracene
Concen: 3.46 ng
RT: 18.33 min Scan# 1500
Delta R.T. -0.03 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Instrument :
BNA_F
ClientSampleId :
SB-70S

Tgt Ion:278 Resp: 36429

Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.6	20.4
279	31.5	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 14.30 ng
RT: 18.64 min Scan# 1527
Delta R.T. -0.02 min
Lab File: BF078637.D
Acq: 18 Apr 2015 11:25

Tgt Ion:276 Resp: 151184

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	19.6	19.9	29.9#