Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078634.D
Acq On : 18 Apr 2015 9:59
Operator : TP/IZ
Sample : G1854-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

Quant Time: Apr 20 00:57:59 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	27095	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	114157	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	58740	20.00	ng		-0.01
63) Phenanthrene-d10	12.22	188	123346	20.00	ng		0.00
75) Chrysene-d12	15.46	240	146377	20.00	ng		0.00
86) Perylene-d12	17.13	264	149168	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	145157	88.33	ng		0.00
7) Phenol-d6	6.30	99	188027	91.30	ng		0.01
23) Nitrobenzene-d5	7.38	82	118542	62.94	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	52516	107.80	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	226040	55.01	ng		0.00
78) Terphenyl-d14	14.21	244	303343	46.83	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.27	128	29241	4.92	ng		99
37) 2-Methylnaphthalene	9.13	142	10572	2.62	ng	#	93
48) Acenaphthylene	10.23	152	37039	6.07	ng		98
49) Dimethylphthalate	10.11	163	38667	8.76	ng		99
54) Dibenzofuran	10.66	168	14858	2.83	ng		99
55) 4-Nitrophenol	10.66	139	5741	10.06	ng	#	18
57) Fluorene	11.07	166	10257	2.41	ng		98
70) Phenanthrene	12.25	178	170857	23.95	ng		100
71) Anthracene	12.31	178	61769	8.79	ng		98
72) Carbazole	12.54	167	20029	3.04	ng		97
74) Fluoranthene	13.71	202	348283	46.29	ng		91
77) Pyrene	13.98	202	317823	34.59	ng	#	92
80) Benzo(a)anthracene	15.50	228	135499	15.56	ng		93
82) Chrysene	15.50	228	190330	23.26	ng		98
83) Bis(2-ethylhexyl)phthalate	15.57	149	15885	2.89	ng	#	95
85) Indeno(1,2,3-cd)pyrene	18.17	276	39861	4.29	ng		95
87) Benzo(b)fluoranthene	16.71	252	423489	45.94	ng	#	95
88) Benzo(k)fluoranthene	16.71	252	424872	51.86	ng		97
89) Benzo(a)pyrene	17.07	252	243675	30.29	ng		95
91) Benzo(g,h,i)perylene	18.62	276	190376	23.57	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078634.D
Acq On : 18 Apr 2015 9:59
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LS-SB102

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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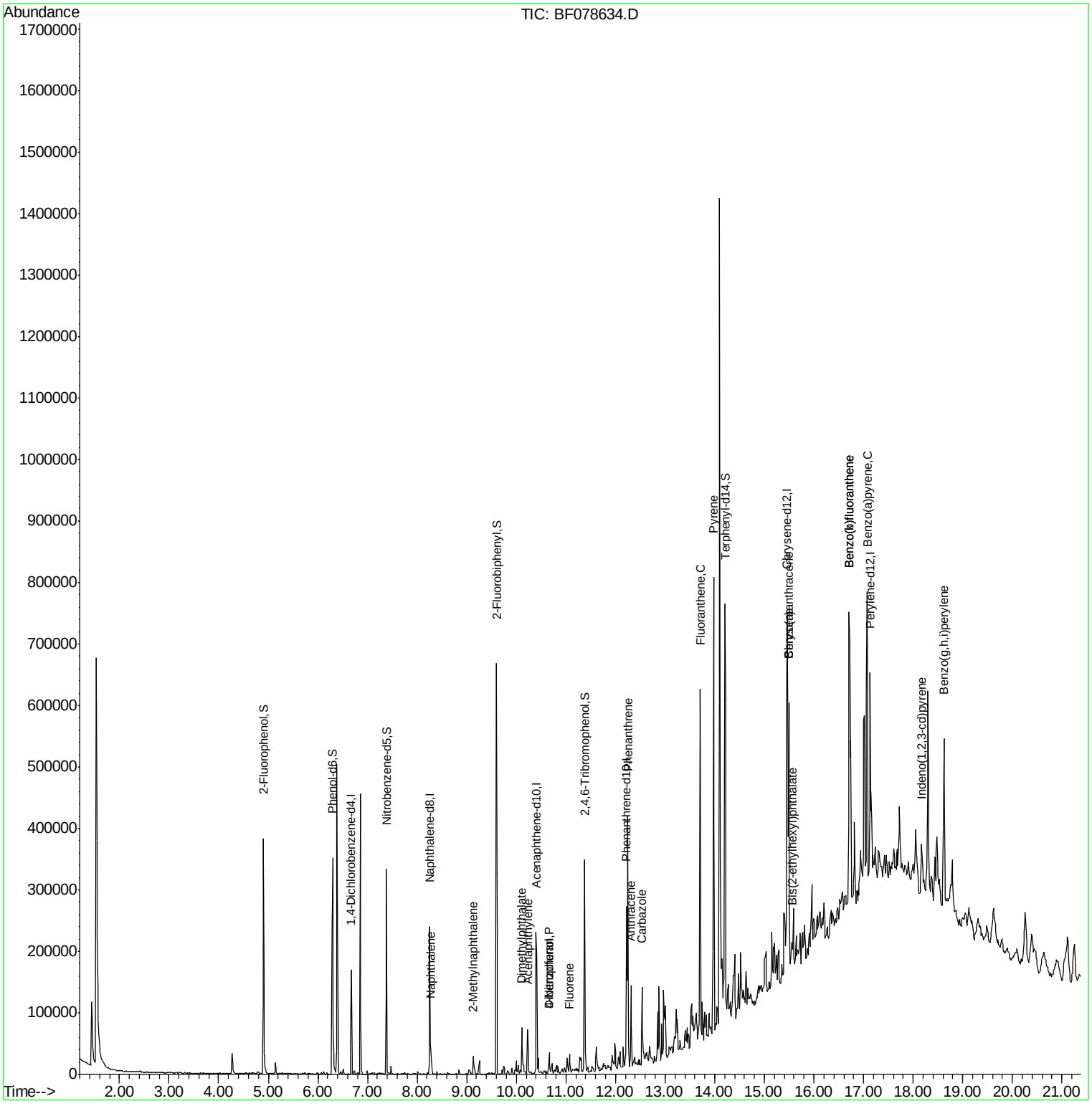
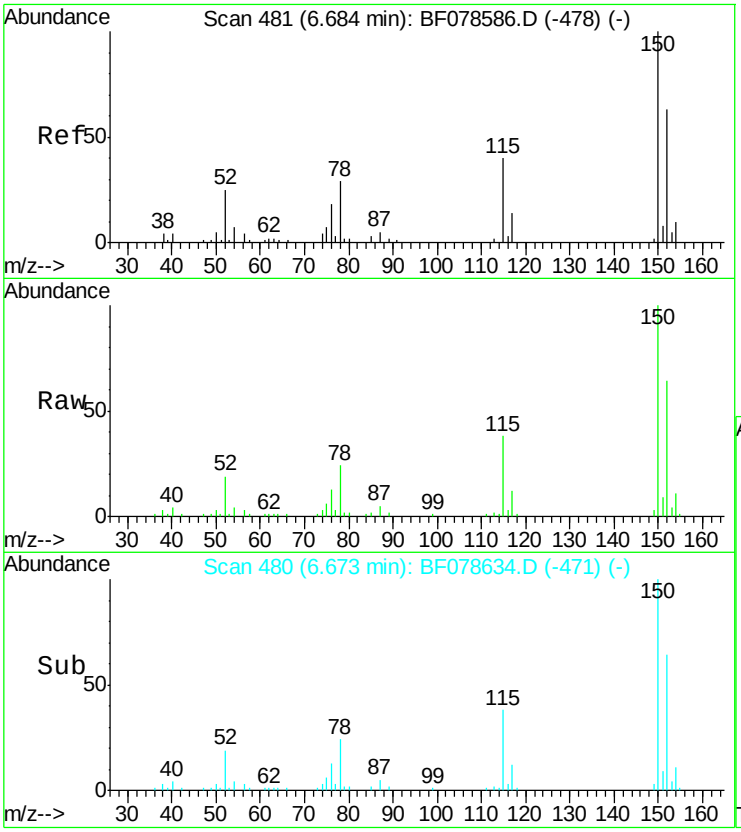


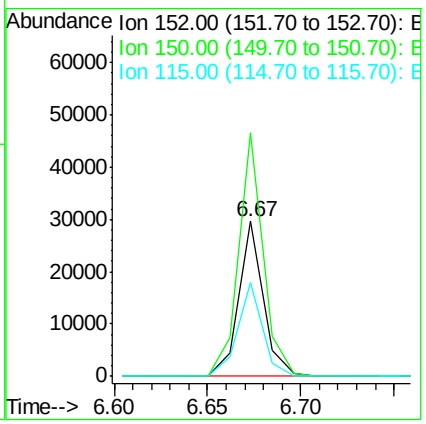


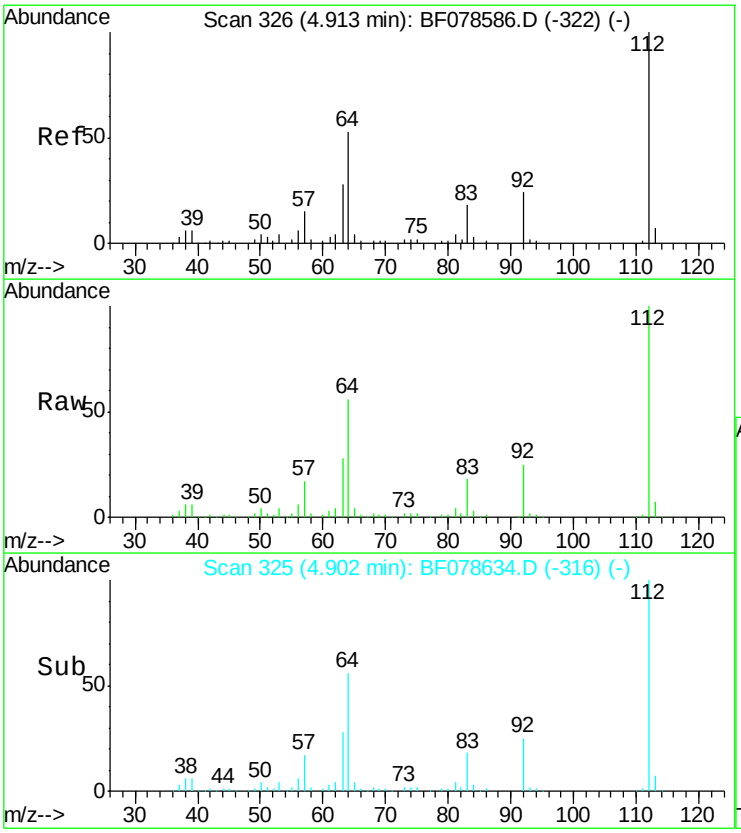
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:152 Resp: 27095

Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.9	188.9
115	60.4	52.7	79.1

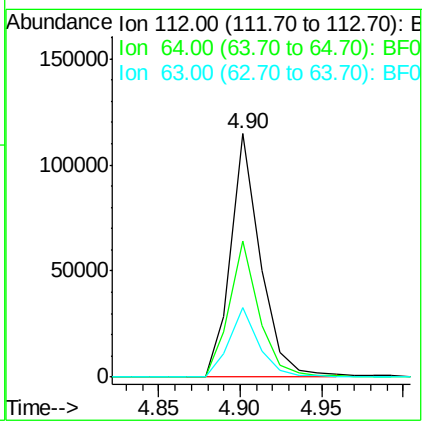


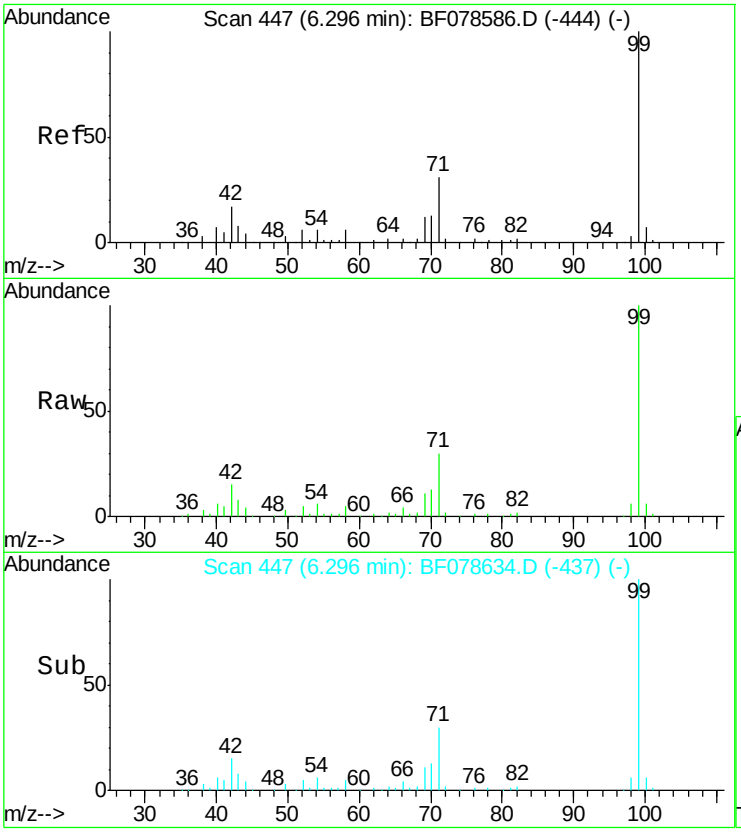


#5
2-Fluorophenol
Concen: 88.33 ng
RT: 4.90 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:112 Resp: 145157

Ion	Ratio	Lower	Upper
112	100		
64	56.0	39.9	59.9
63	28.5	20.2	30.4



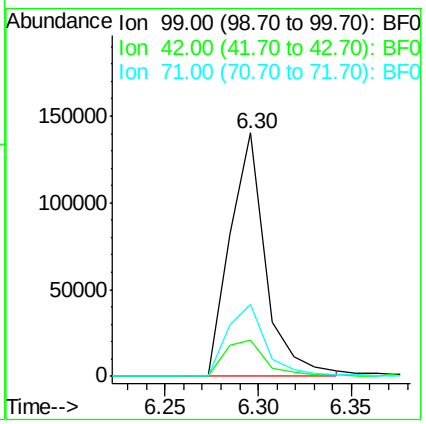


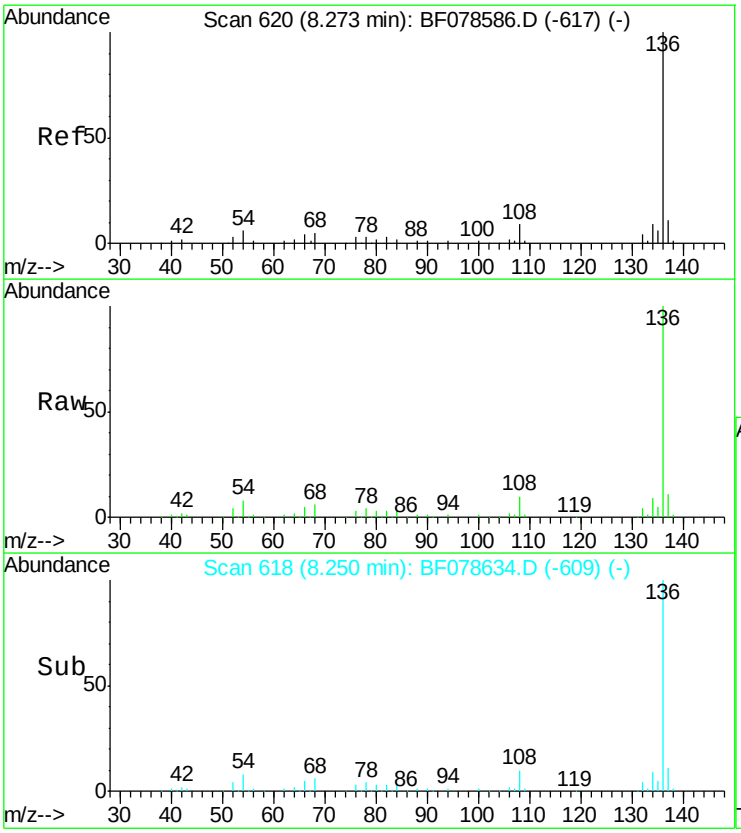
#7
Phenol-d6
Concen: 91.30 ng
RT: 6.30 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion: 99 Resp: 188027

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.8	22.2
71	29.7	26.6	39.8

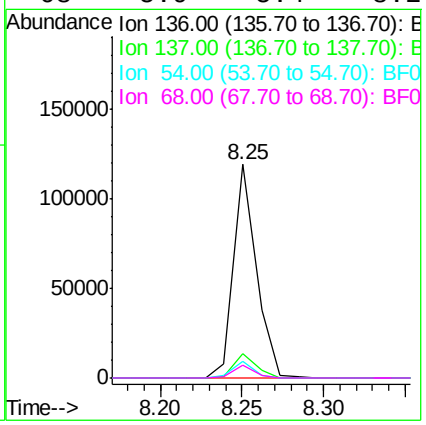


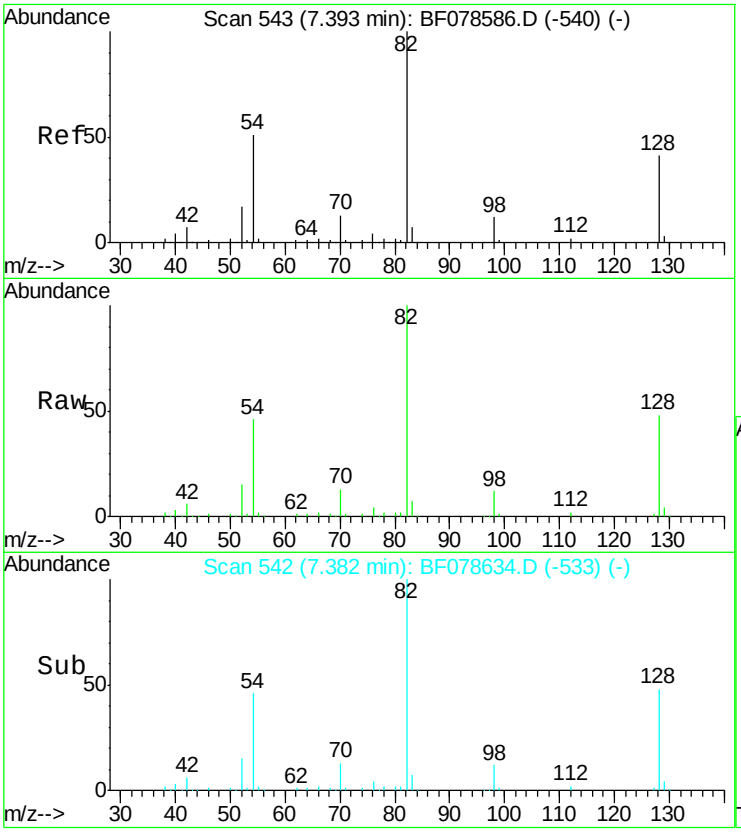


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:136 Resp: 114157

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.5	7.0	10.6
68	5.9	5.4	8.2



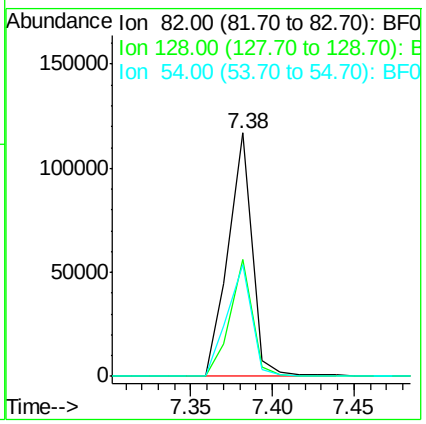


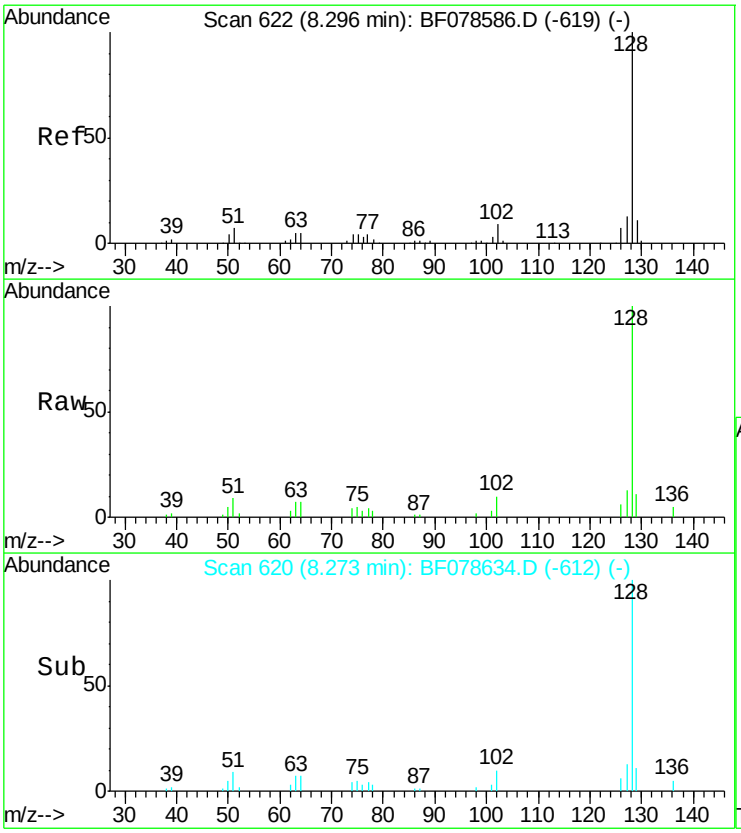
#23
Nitrobenzene-d5
Concen: 62.94 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion: 82 Resp: 118542

Ion	Ratio	Lower	Upper
82	100		
128	48.1	31.8	47.8#
54	46.1	41.5	62.3

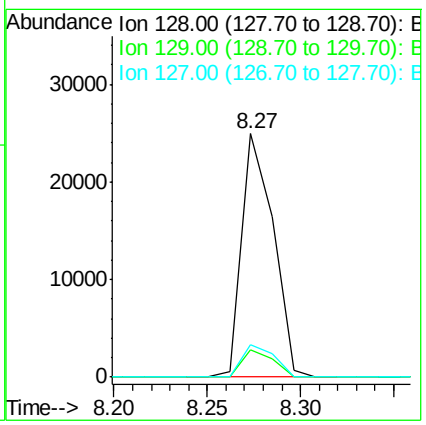


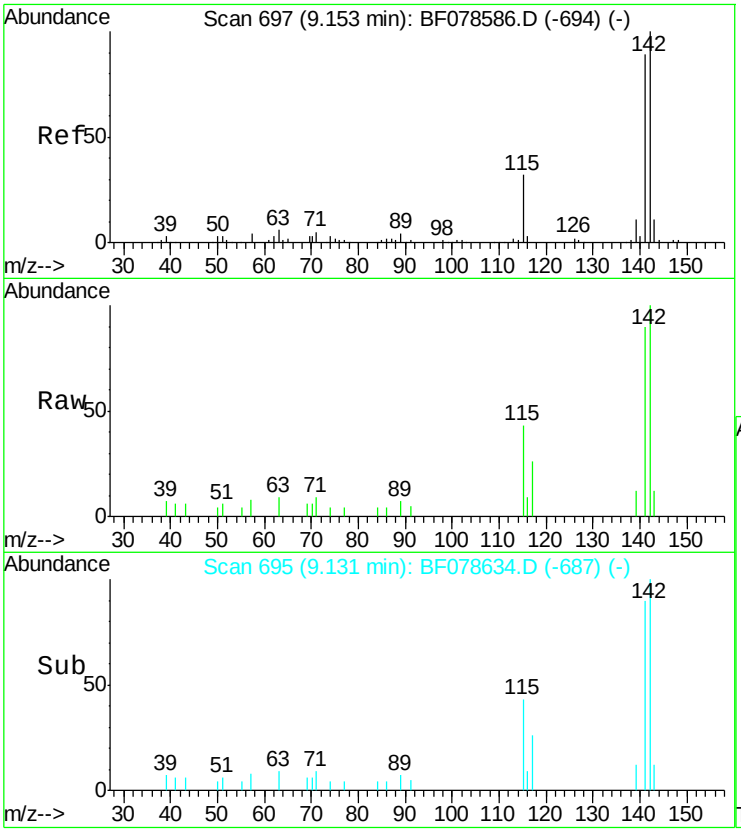


#31
Naphthalene
Concen: 4.92 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:128 Resp: 29241

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.3	10.7	16.1



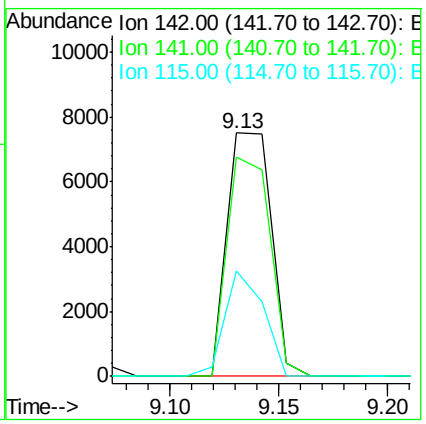


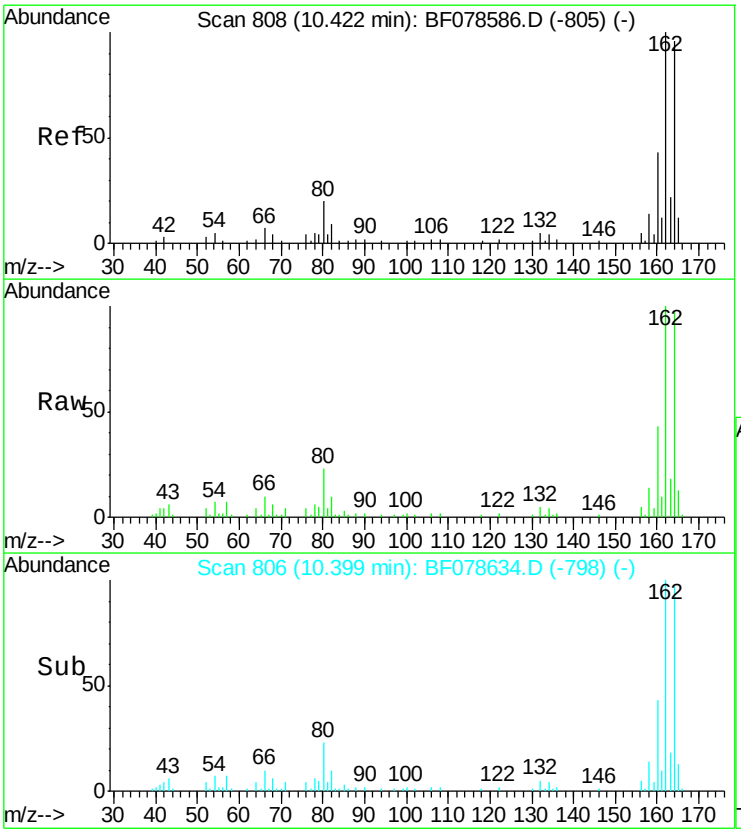
#37
2-Methylnaphthalene
Concen: 2.62 ng
RT: 9.13 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:142 Resp: 10572

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.3	105.5
115	43.3	24.6	37.0#

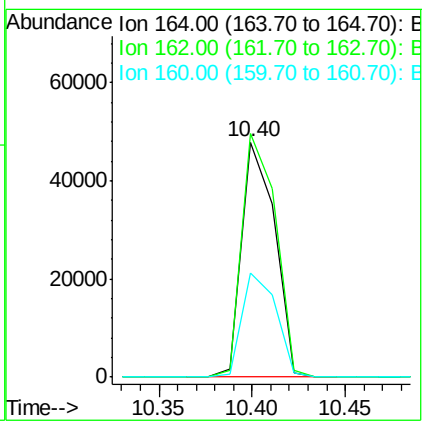


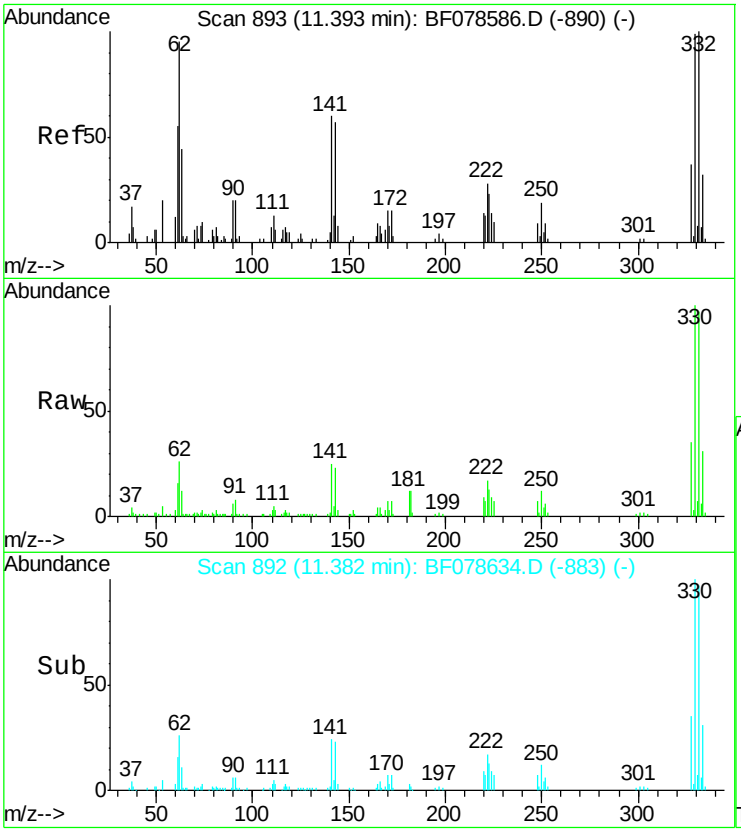


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:164 Resp: 58740

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.2	123.2
160	44.4	34.7	52.1



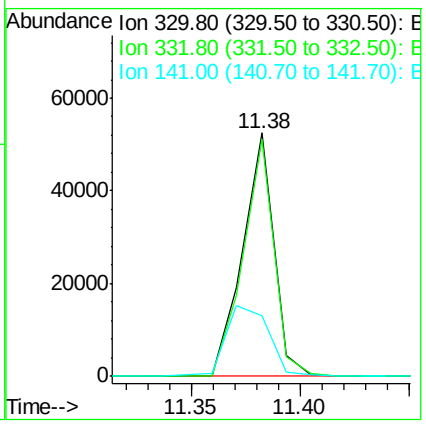


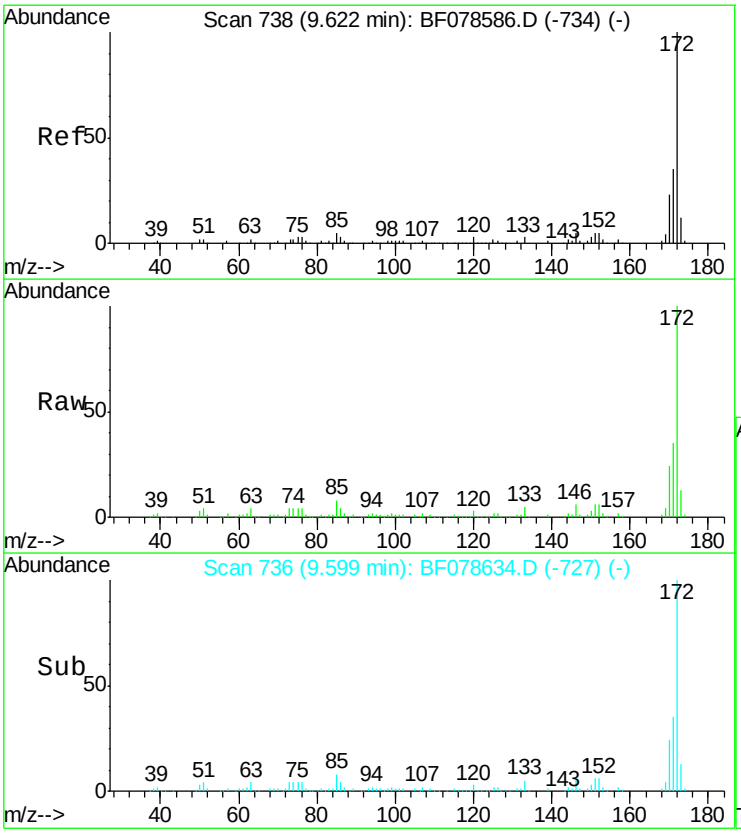
#41
2,4,6-Tribromophenol
Concen: 107.80 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:330 Resp: 52516

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.6	117.8
141	40.2	31.2	46.8

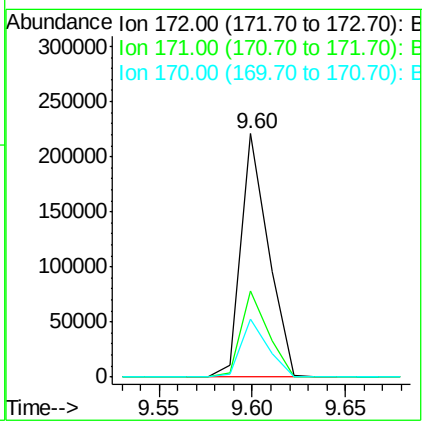


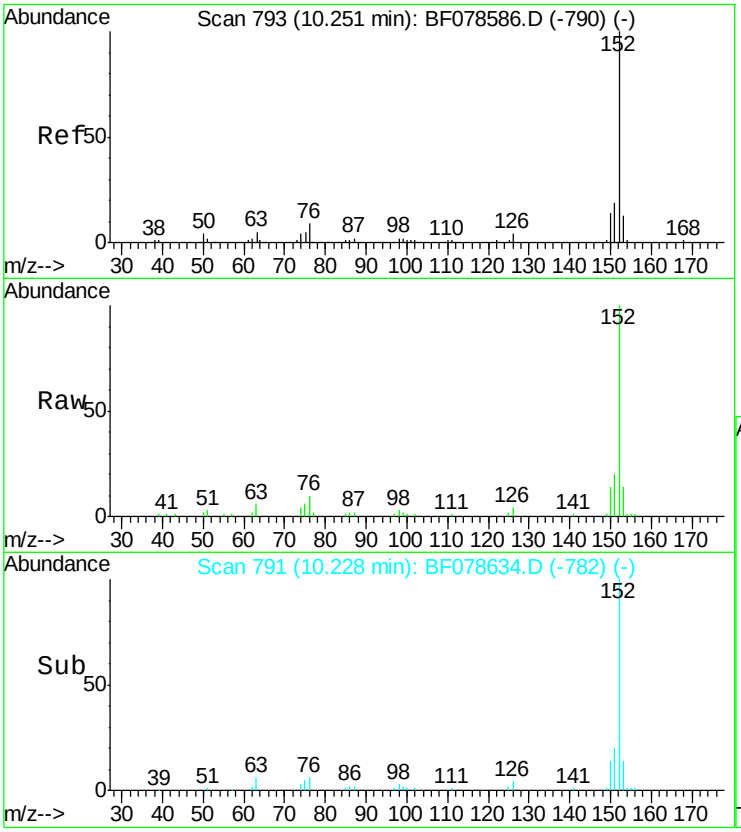


#44
2-Fluorobiphenyl
Concen: 55.01 ng
RT: 9.60 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:172 Resp: 226040

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.7	18.5	27.7



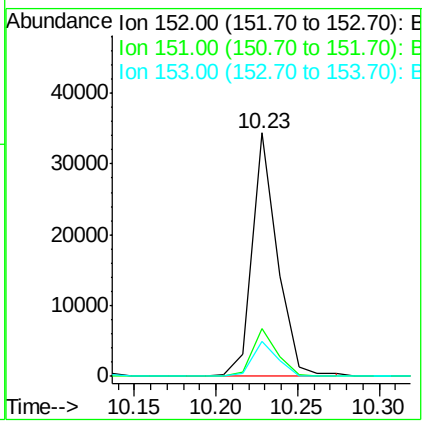


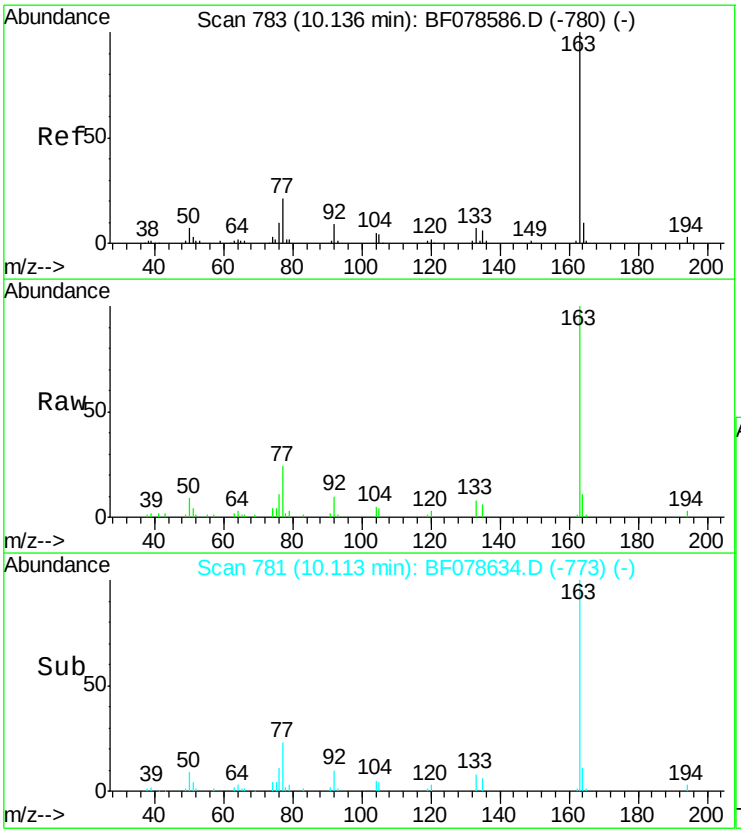
#48
Acenaphthylene
Concen: 6.07 ng
RT: 10.23 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:152 Resp: 37039

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	14.2	10.2	15.2

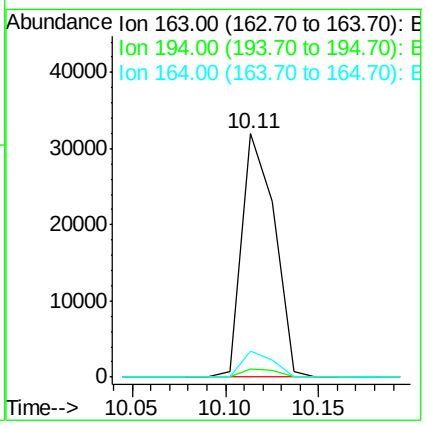


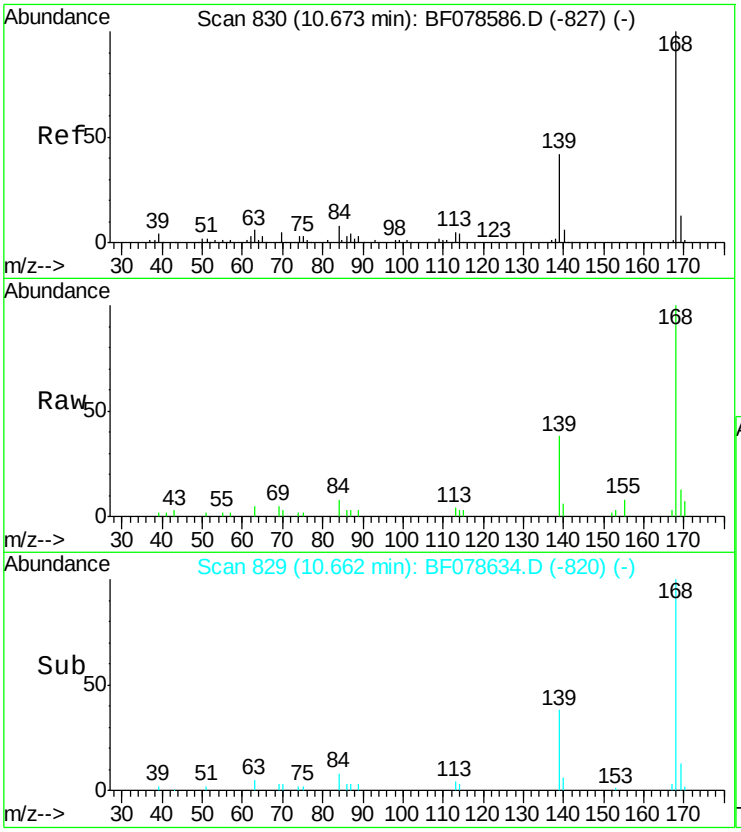


#49
Dimethylphthalate
Concen: 8.76 ng
RT: 10.11 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:163 Resp: 38667

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.3	3.5
164	10.6	8.6	13.0



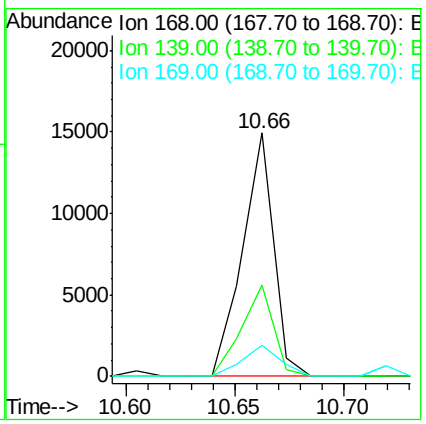


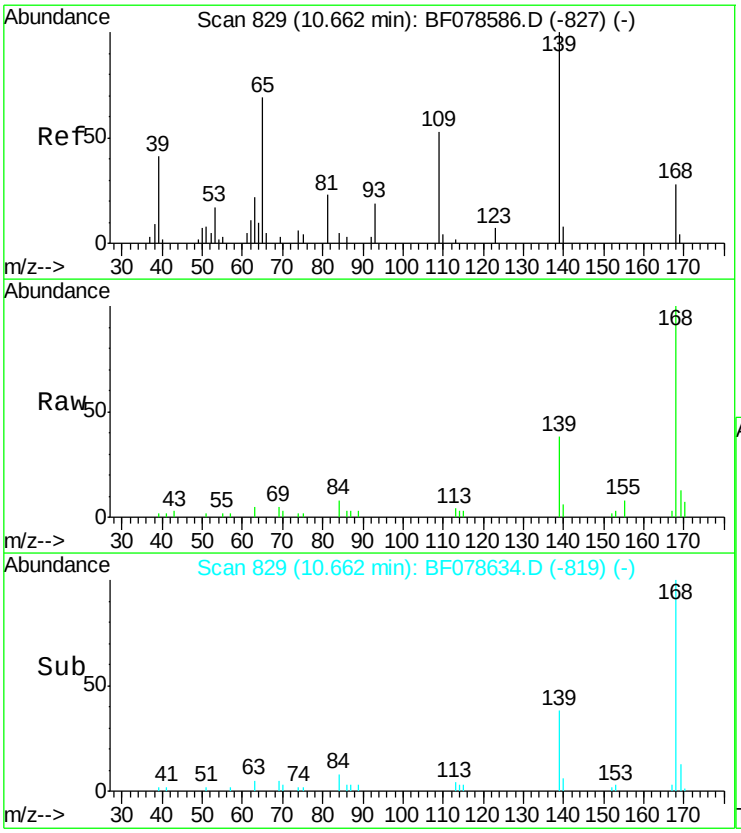
#54
Dibenzofuran
Concen: 2.83 ng
RT: 10.66 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:168 Resp: 14858

Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.0	46.4
169	13.0	10.7	16.1

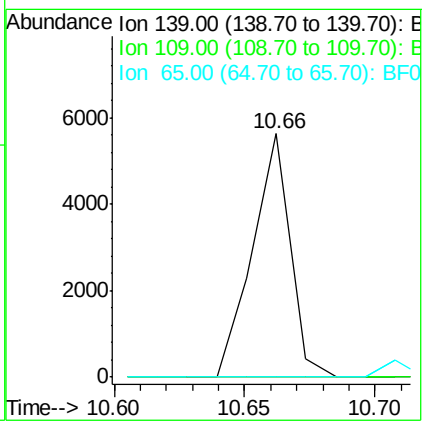


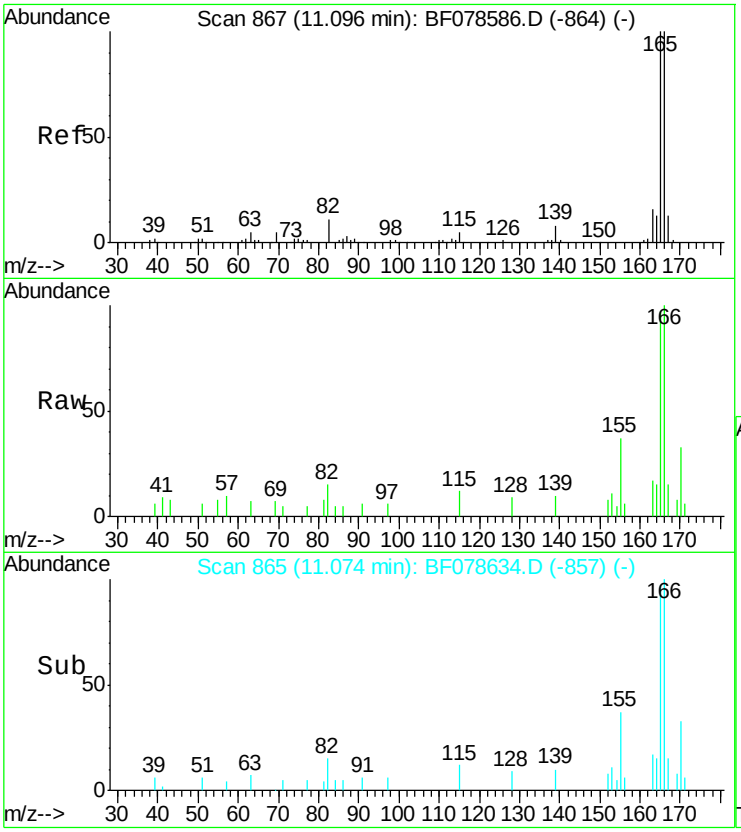


#55
4-Nitrophenol
Concen: 10.06 ng
RT: 10.66 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:139 Resp: 5741

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



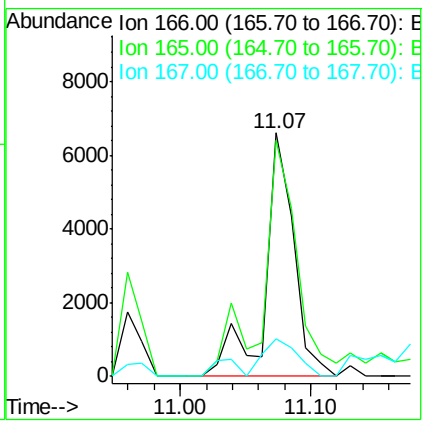


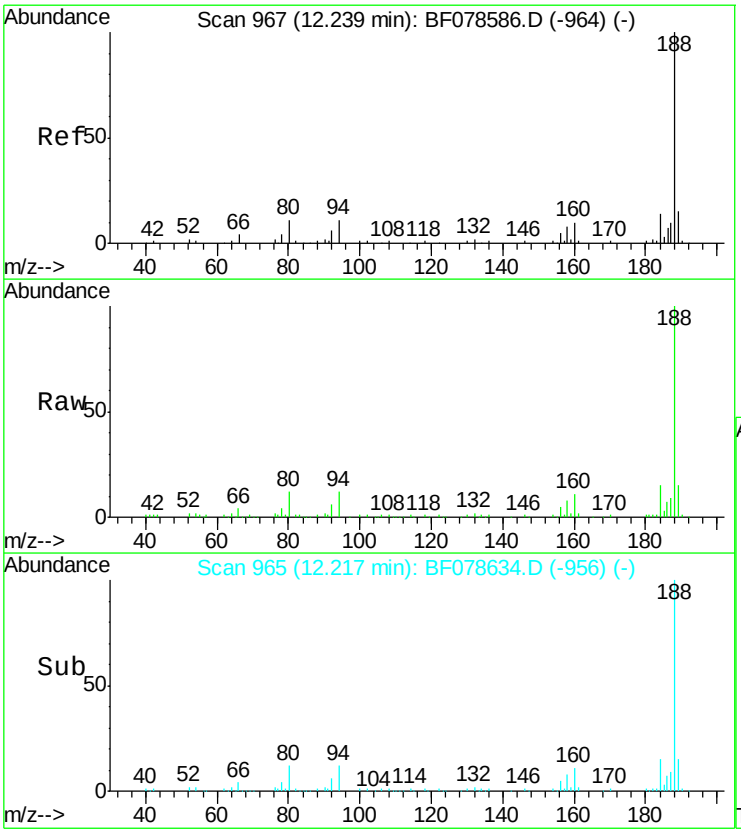
#57
Fluorene
Concen: 2.41 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:166 Resp: 10257

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.9	118.3
167	15.2	10.7	16.1

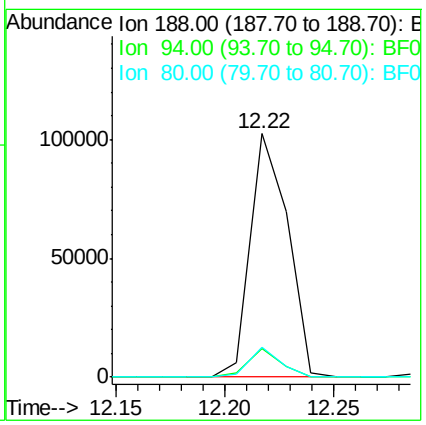


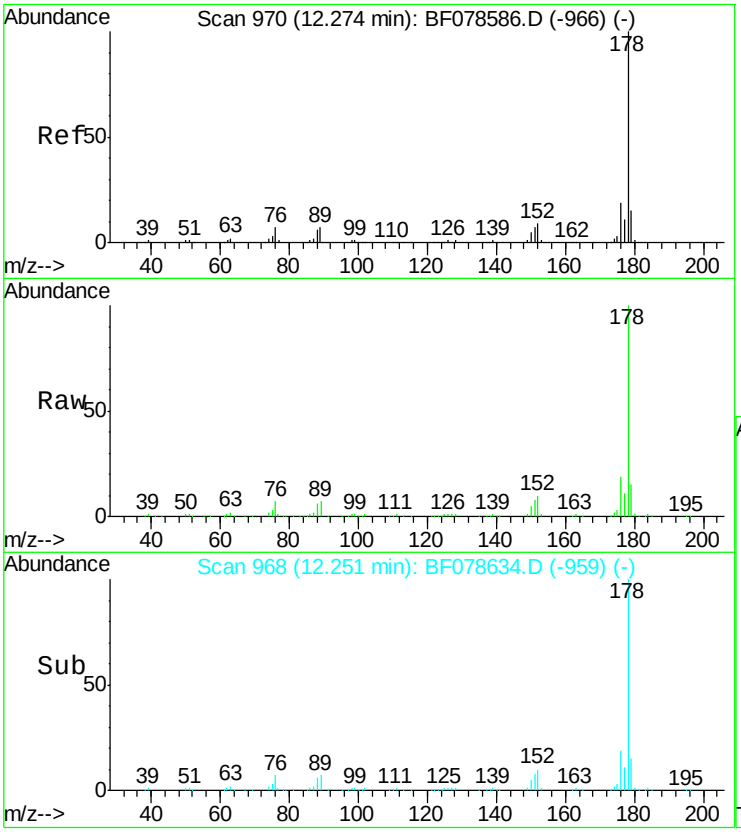


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:188 Resp: 123346

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.0	13.4
80	12.4	9.5	14.3



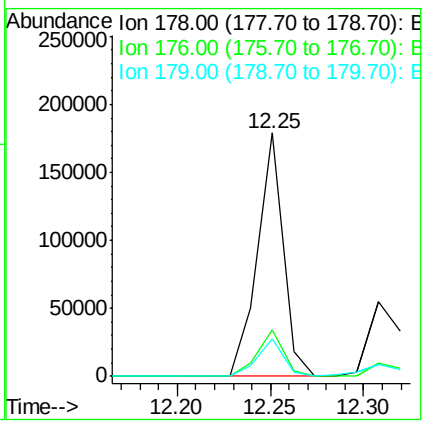


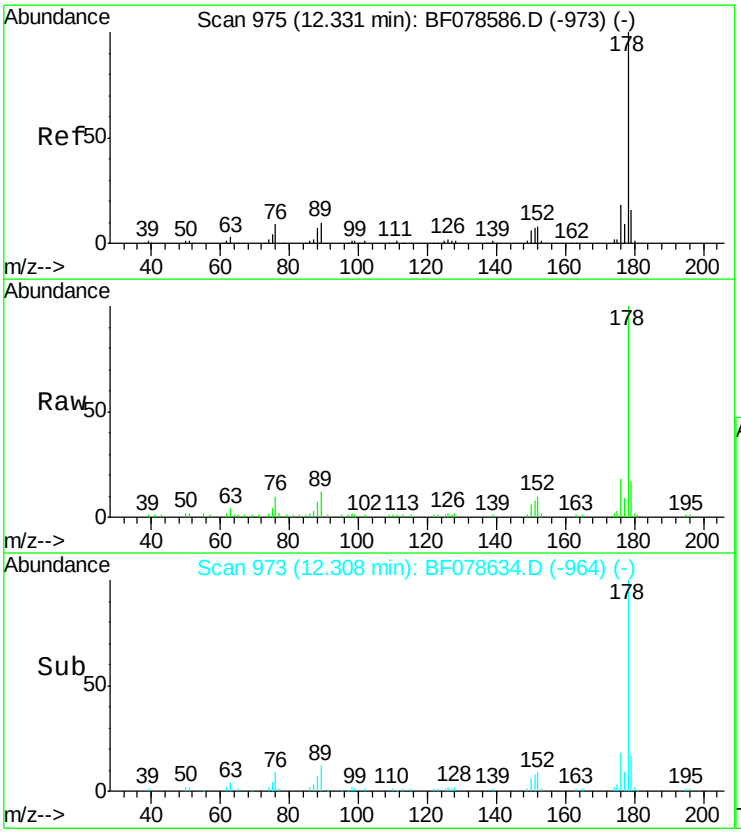
#70
Phenanthrene
Concen: 23.95 ng
RT: 12.25 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:178 Resp: 170857

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.2	12.2	18.2

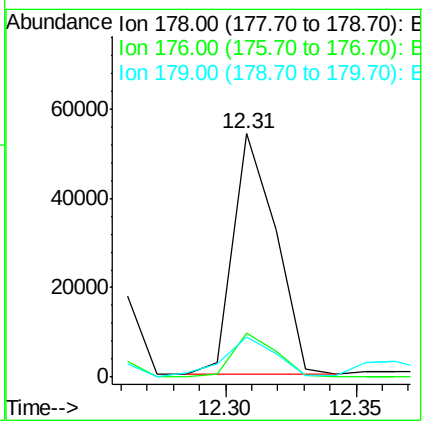


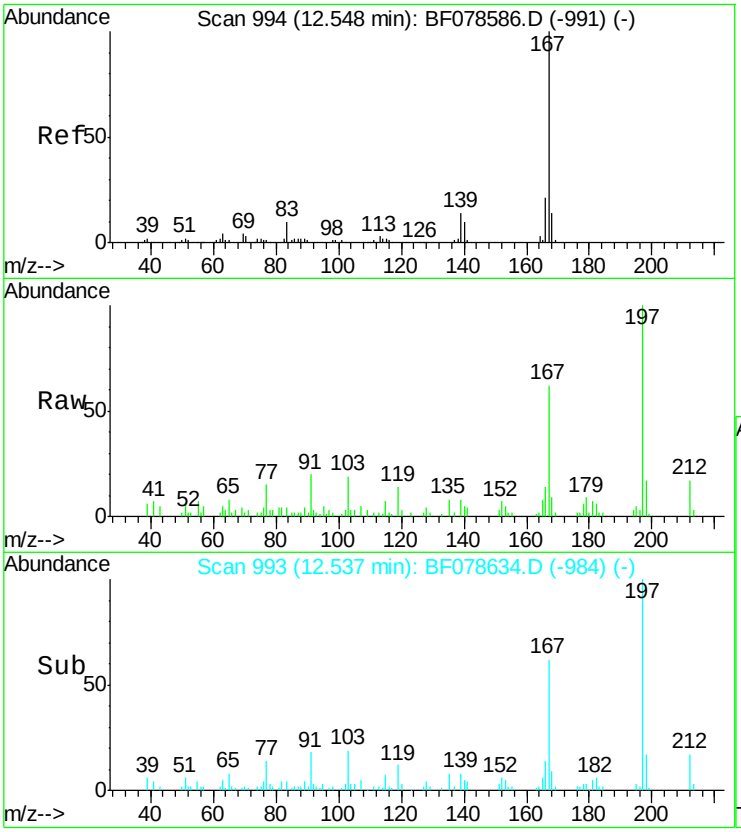


#71
Anthracene
Concen: 8.79 ng
RT: 12.31 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:178 Resp: 61769

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	16.7	12.4	18.6



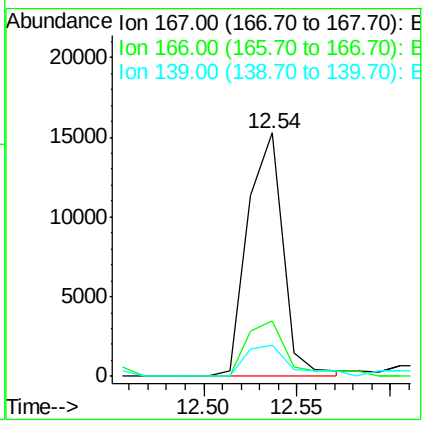


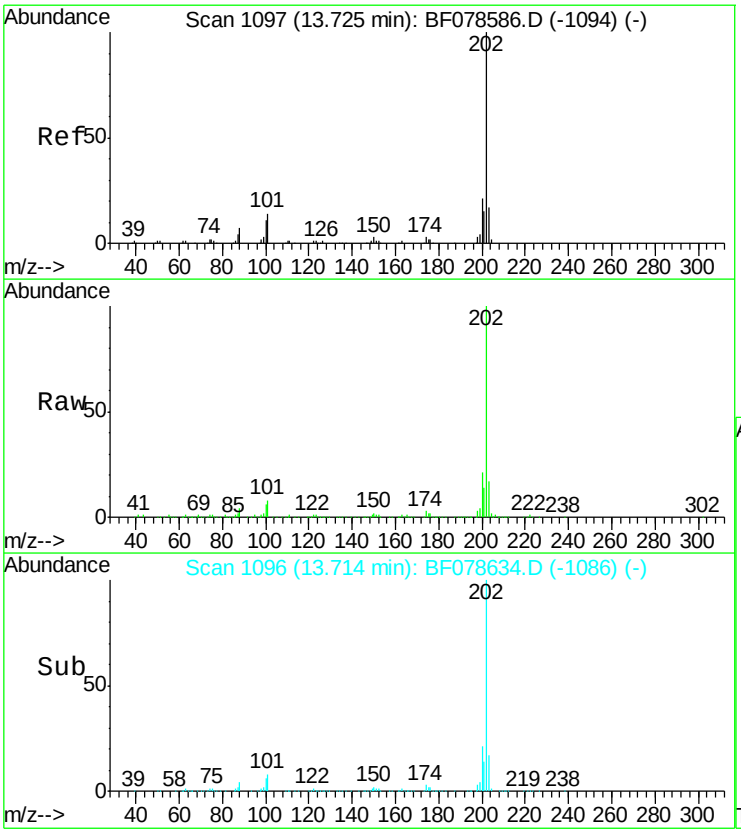
#72
Carbazole
Concen: 3.04 ng
RT: 12.54 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:167 Resp: 20029

Ion	Ratio	Lower	Upper
167	100		
166	22.8	16.8	25.2
139	12.6	10.0	15.0

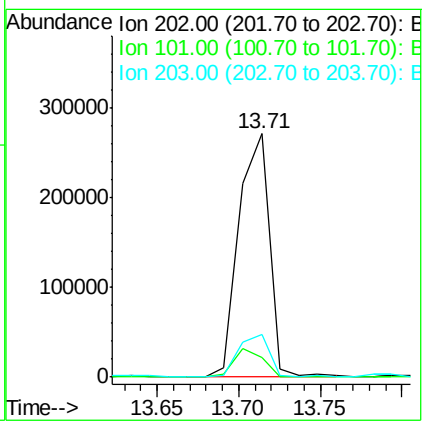


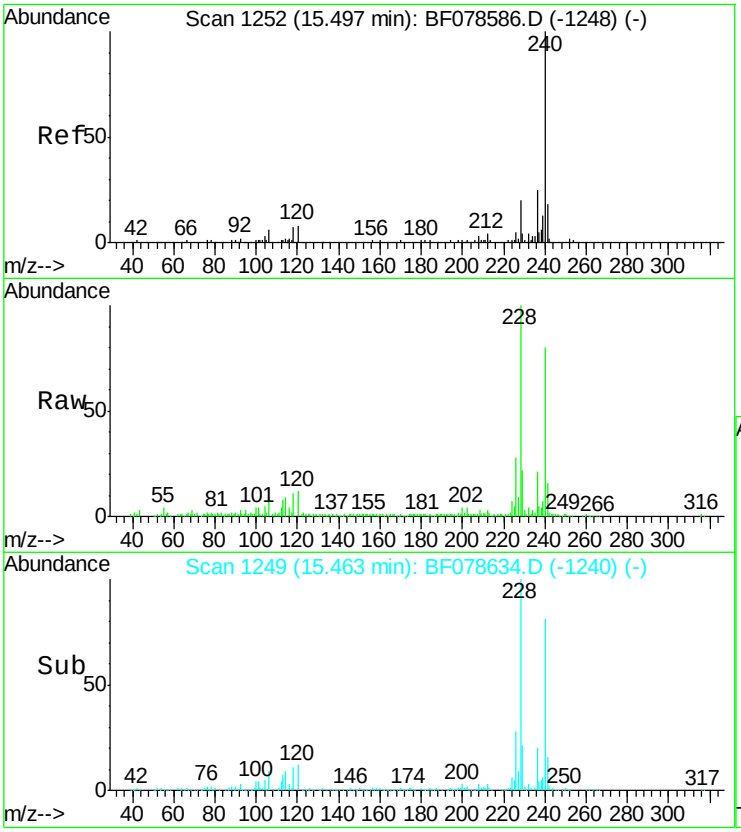


#74
Fluoranthene
Concen: 46.29 ng
RT: 13.71 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:202 Resp: 348283

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	35.2
203	17.4	0.0	38.5



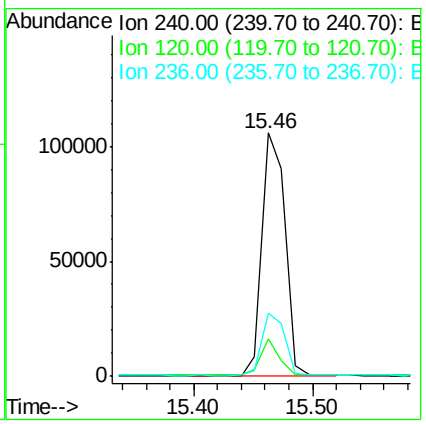


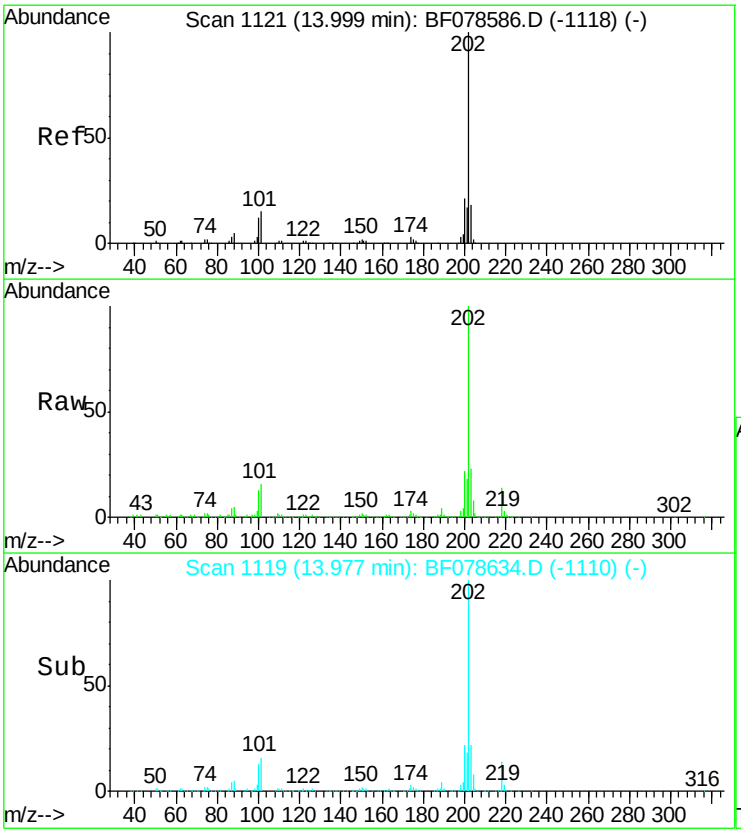
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:240 Resp: 146377

Ion	Ratio	Lower	Upper
240	100		
120	15.5	7.1	10.7#
236	25.9	21.4	32.2

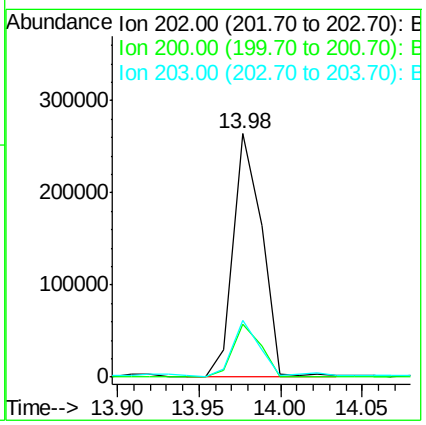


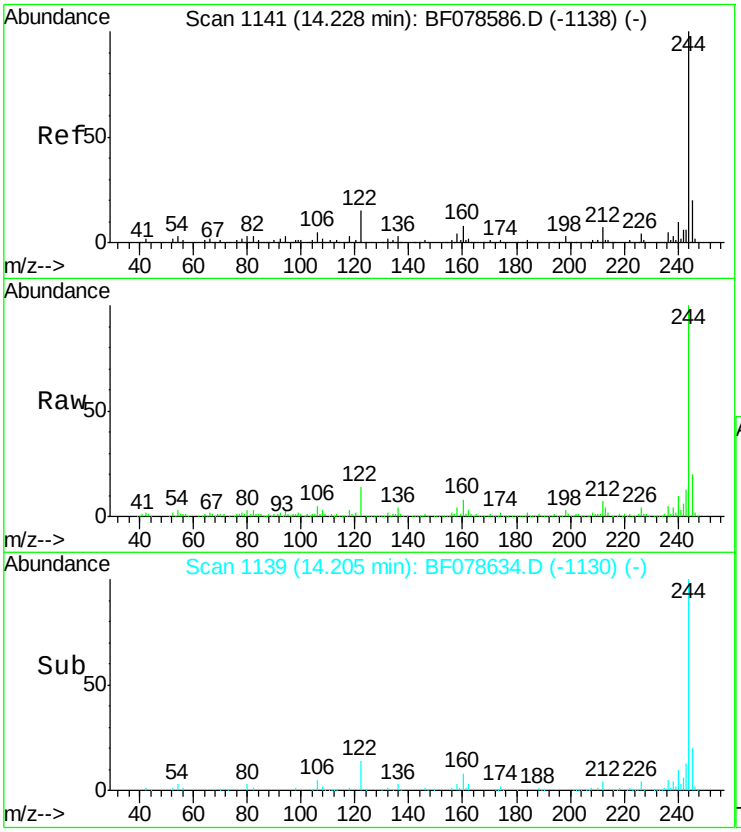


#77
Pyrene
Concen: 34.59 ng
RT: 13.98 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:202 Resp: 317823

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.3	24.5
203	23.1	13.8	20.6#



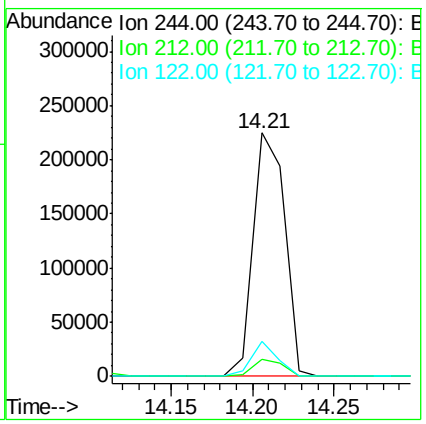


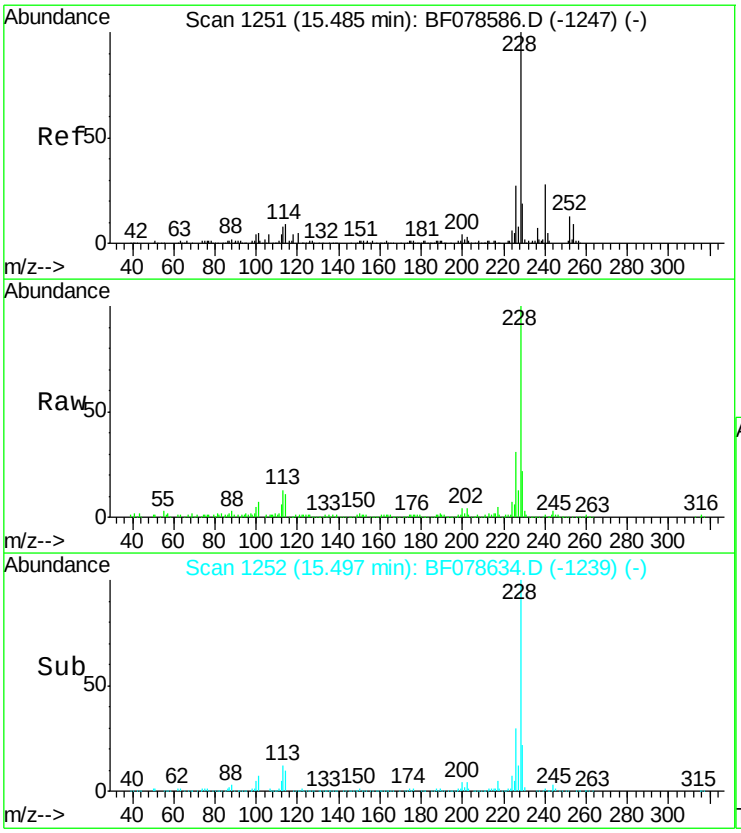
#78
Terphenyl-d14
Concen: 46.83 ng
RT: 14.21 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:244 Resp: 303343

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.0	7.4
122	14.2	7.1	10.7#

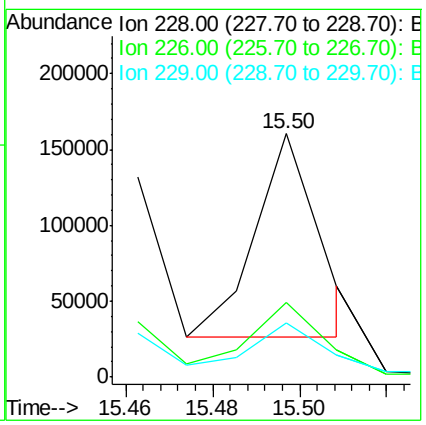


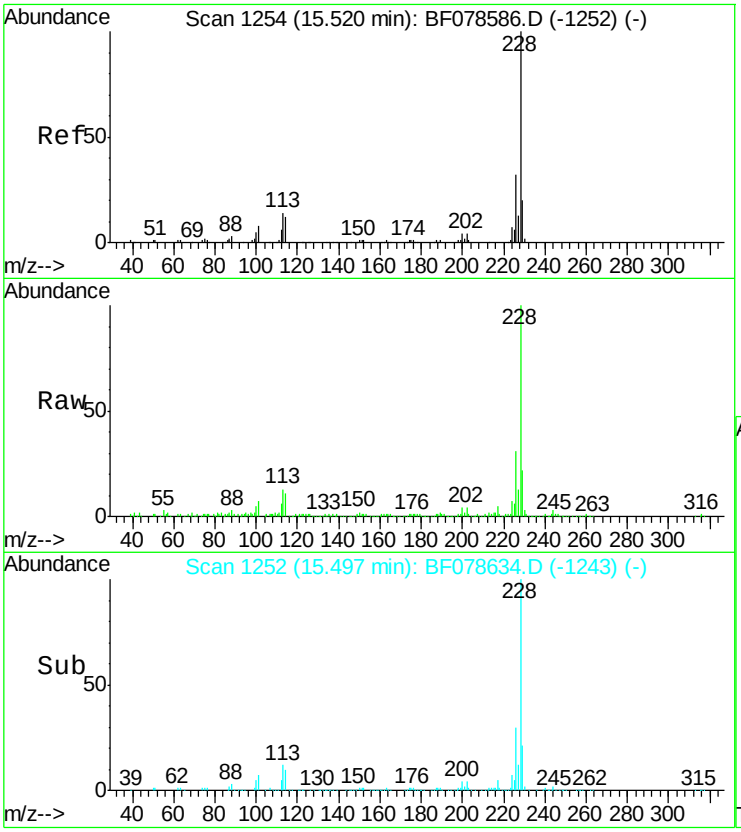


#80
Benzo(a)anthracene
Concen: 15.56 ng
RT: 15.50 min Scan# 1252
Delta R.T. 0.05 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:228 Resp: 135499

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.3	31.9
229	22.3	15.4	23.2



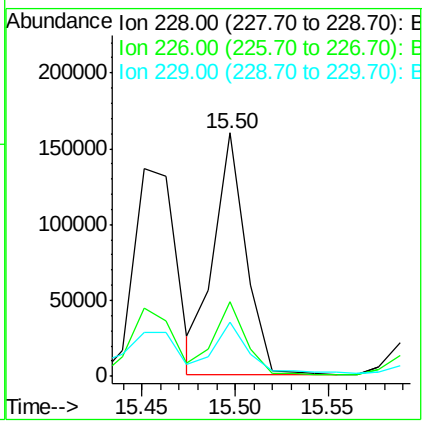


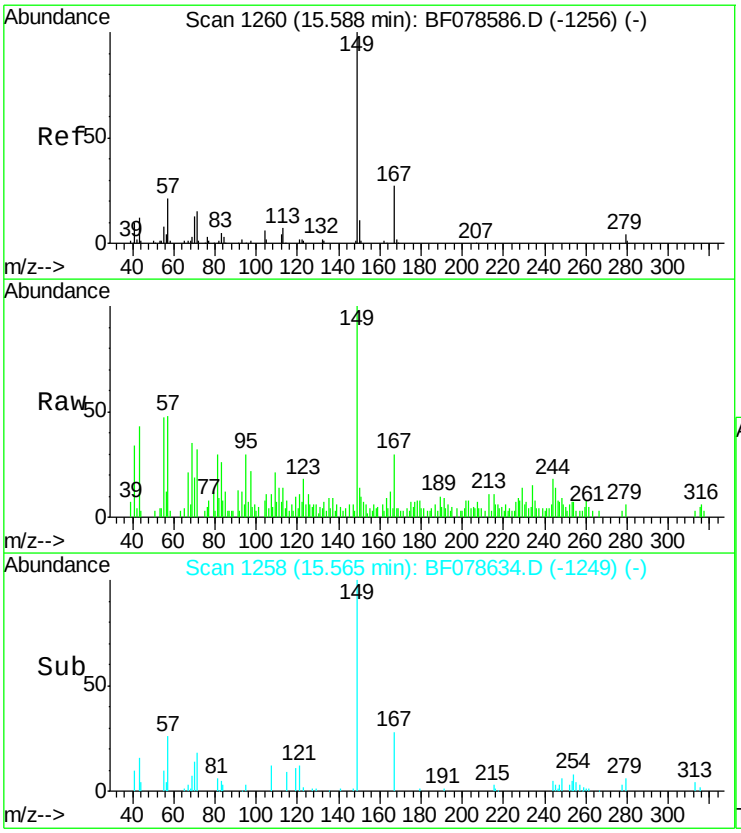
#82
Chrysene
Concen: 23.26 ng
RT: 15.50 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:228 Resp: 190330

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	22.3	15.8	23.8

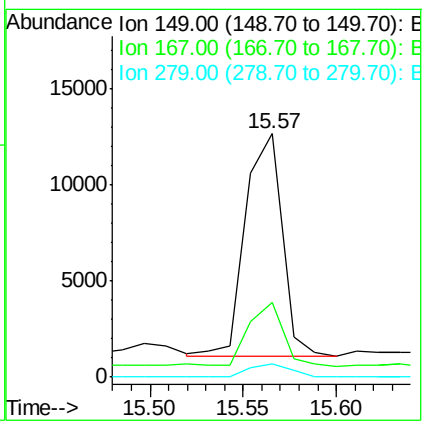


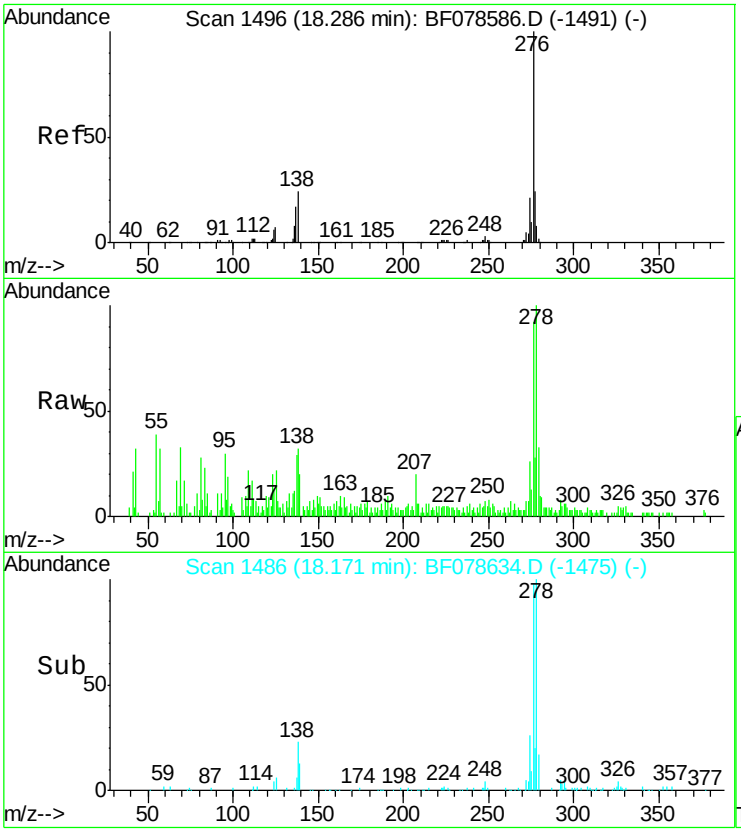


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.89 ng
RT: 15.57 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:149 Resp: 15885

Ion	Ratio	Lower	Upper
149	100		
167	30.5	22.2	33.2
279	5.6	3.2	4.8#



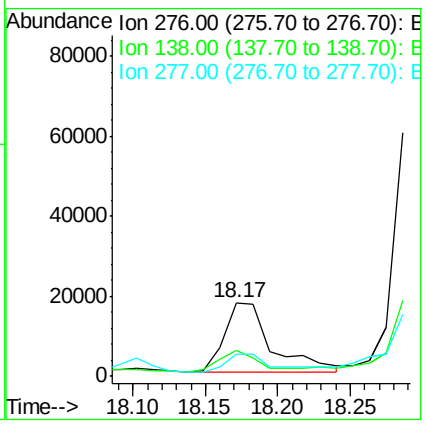


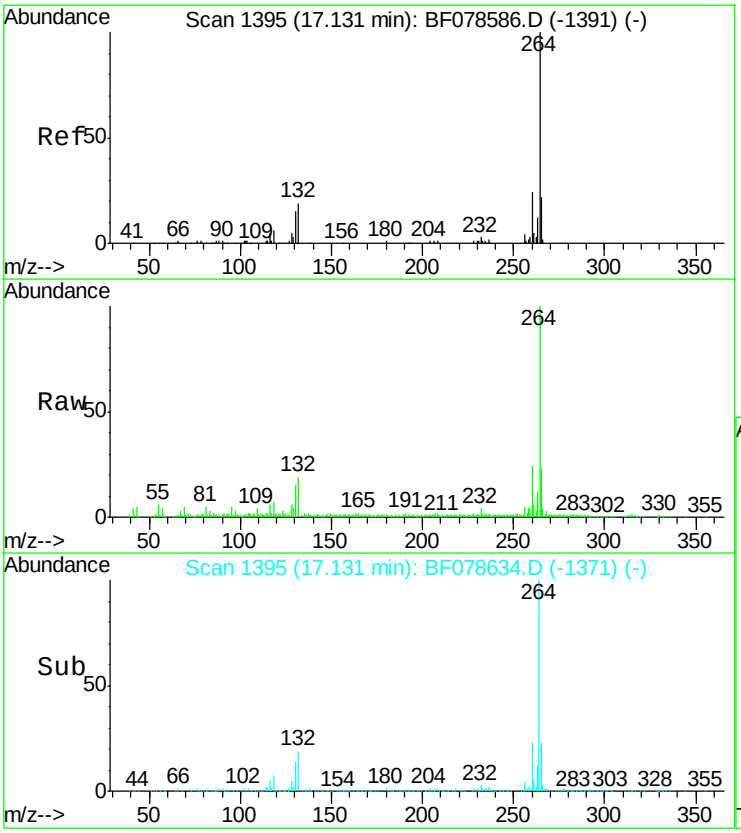
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.29 ng
RT: 18.17 min Scan# 1486
Delta R.T. -0.17 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:276 Resp: 39861

Ion	Ratio	Lower	Upper
276	100		
138	23.7	16.9	25.3
277	21.4	15.8	23.6

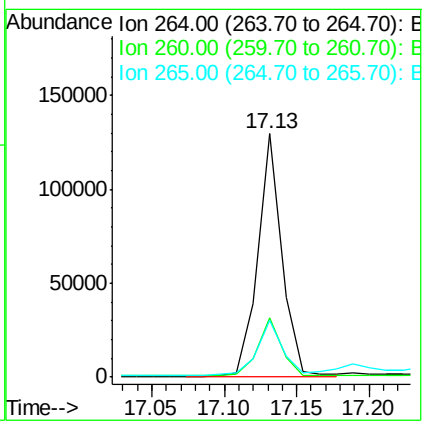


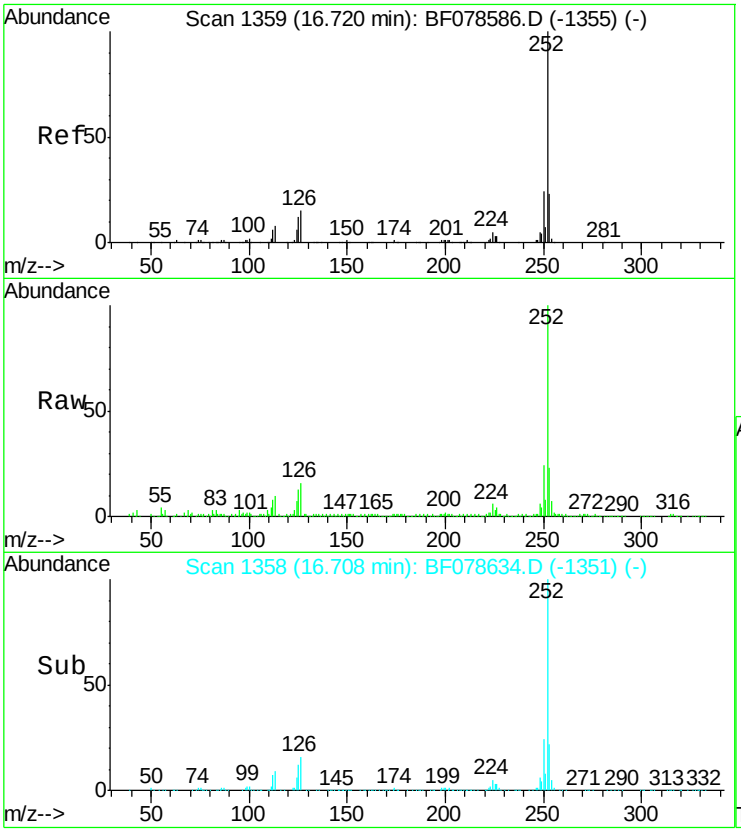


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.13 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:264 Resp: 149168

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	23.1	17.0	25.6



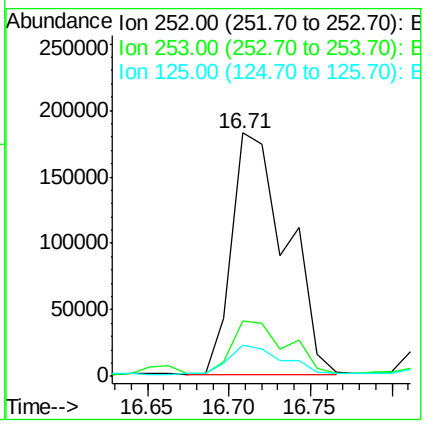


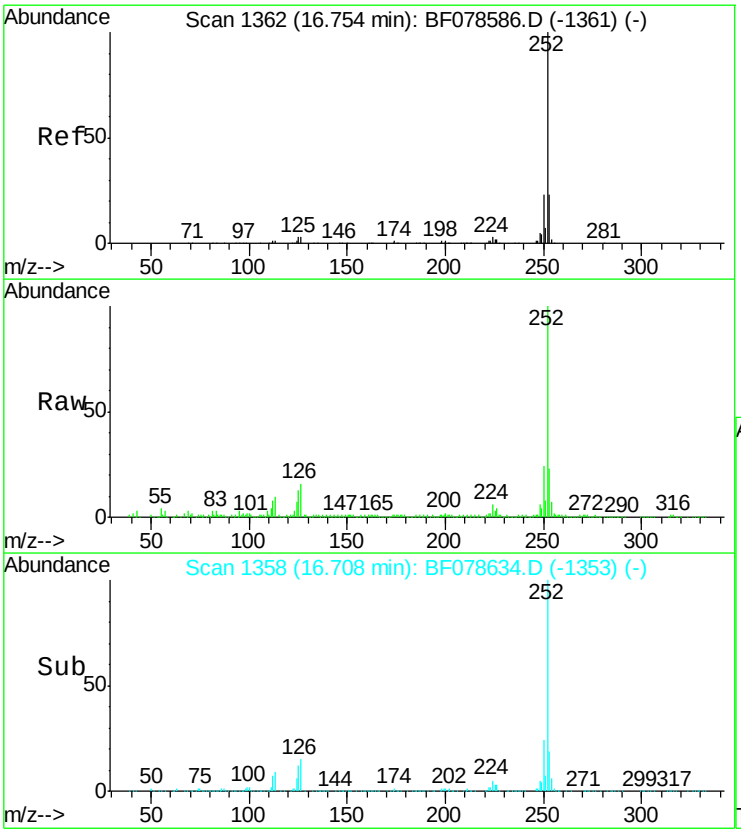
#87
Benzo(b)fluoranthene
Concen: 45.94 ng
RT: 16.71 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:252 Resp: 423489

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.8	7.0	10.4#

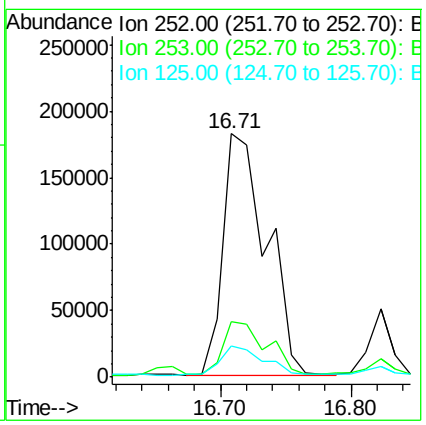


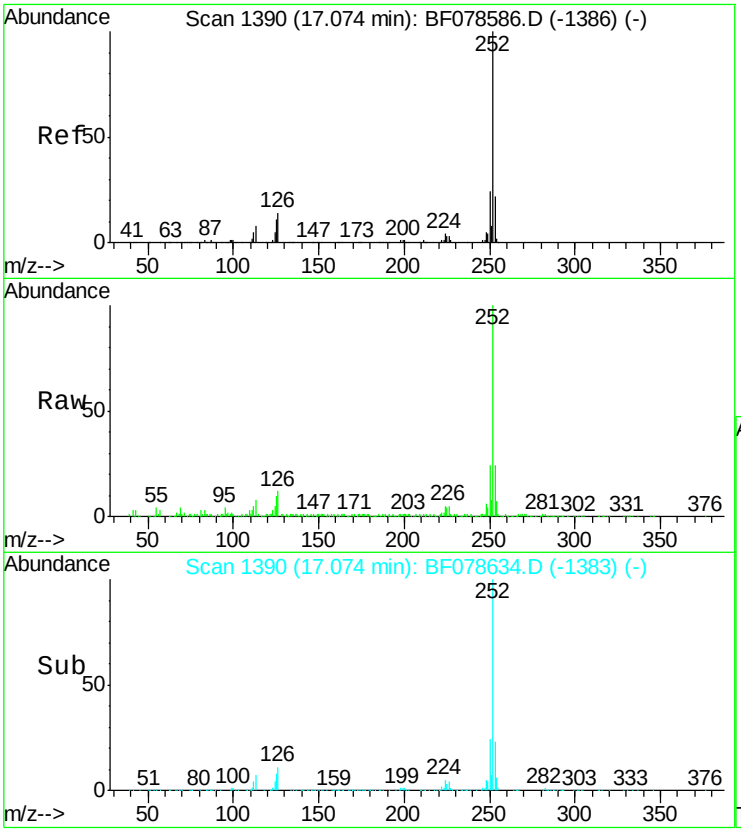


#88
Benzo(k)fluoranthene
Concen: 51.86 ng
RT: 16.71 min Scan# 1358
Delta R.T. -0.05 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:252 Resp: 424872

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	12.8	11.6	17.4



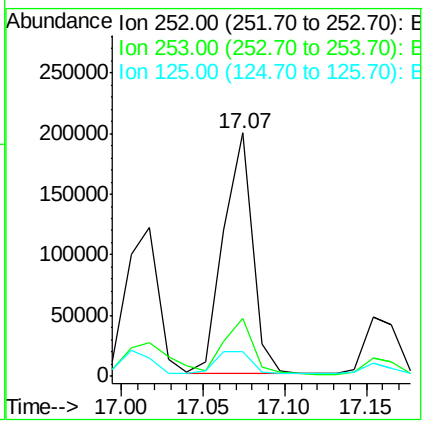


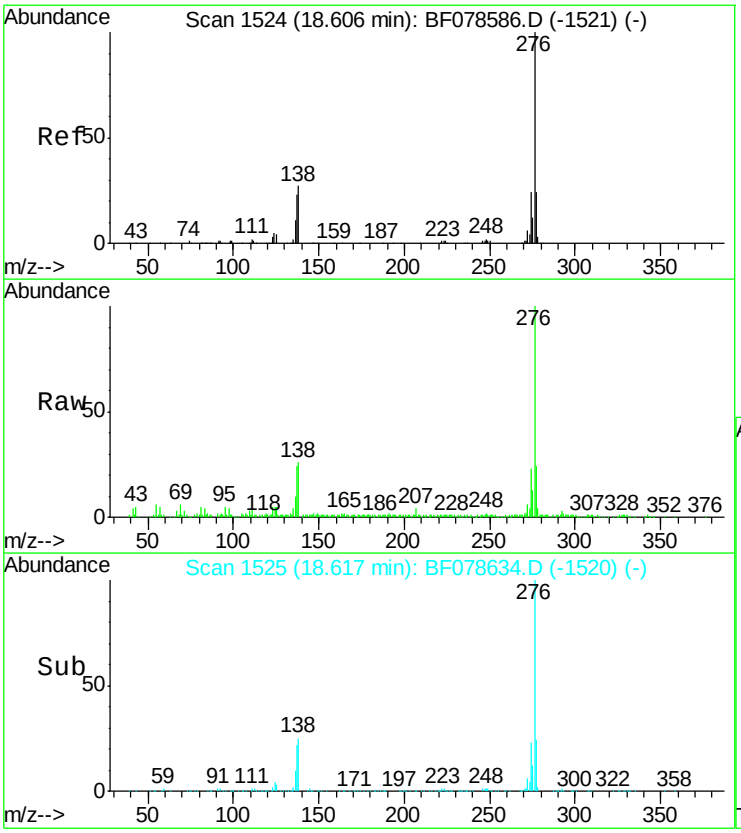
#89
Benzo(a)pyrene
Concen: 30.29 ng
RT: 17.07 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:252 Resp: 243675

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.8	25.2
125	10.0	7.4	11.0





#91
Benzo(g,h,i)perylene
Concen: 23.57 ng
RT: 18.62 min Scan# 1525
Delta R.T. -0.05 min
Lab File: BF078634.D
Acq: 18 Apr 2015 9:59

Tgt Ion:276 Resp: 190376

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.4
138	26.3	19.9	29.9