Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
Operator : TP/IZ
Sample : G1902-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB18A

Quant Time: Apr 20 01:00:33 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	30929	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	132052	20.00	ng		0.01
38) Acenaphthene-d10	10.41	164	67707	20.00	ng		0.00
63) Phenanthrene-d10	12.23	188	138460	20.00	ng		0.01
75) Chrysene-d12	15.47	240	159474	20.00	ng		0.01
86) Perylene-d12	17.18	264	167080	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	188954	100.73	ng		0.01
7) Phenol-d6	6.30	99	236246	100.49	ng		0.01
23) Nitrobenzene-d5	7.38	82	137550	63.14	ng		0.00
41) 2,4,6-Tribromophenol	11.39	330	61308	109.18	ng		0.01
44) 2-Fluorobiphenyl	9.61	172	266437	56.25	ng		0.01
78) Terphenyl-d14	14.22	244	322818	45.74	ng		0.01
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.27	107	5061	2.20	ng		98
35) Caprolactam	8.84	113	2914	5.32	ng	#	1
49) Dimethylphthalate	10.12	163	18834	3.70	ng	#	97
55) 4-Nitrophenol	10.66	139	2119	5.10	ng	#	5
65) n-Nitrosodiphenylamine	11.24	169	16539	3.45	ng	#	50
70) Phenanthrene	12.26	178	36990	4.62	ng	#	95
71) Anthracene	12.26	178	33655	4.26	ng		95
74) Fluoranthene	13.71	202	104767	12.40	ng		96
77) Pyrene	13.99	202	146046	14.59	ng		97
80) Benzo(a)anthracene	15.46	228	62233	6.56	ng		93
82) Chrysene	15.51	228	50715	5.69	ng		97
83) Bis(2-ethylhexyl)phthalate	15.57	149	58285	9.74	ng	#	97
85) Indeno(1,2,3-cd)pyrene	18.35	276	31037	3.07	ng	#	84
87) Benzo(b)fluoranthene	16.74	252	88496	8.57	ng	#	85
88) Benzo(k)fluoranthene	16.74	252	89794	9.79	ng	#	89
89) Benzo(a)pyrene	17.11	252	46121	5.12	ng	#	80
91) Benzo(g,h,i)perylene	18.69	276	28229	3.12	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078643.D
Acq On : 18 Apr 2015 14:16
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Sample : G1902-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

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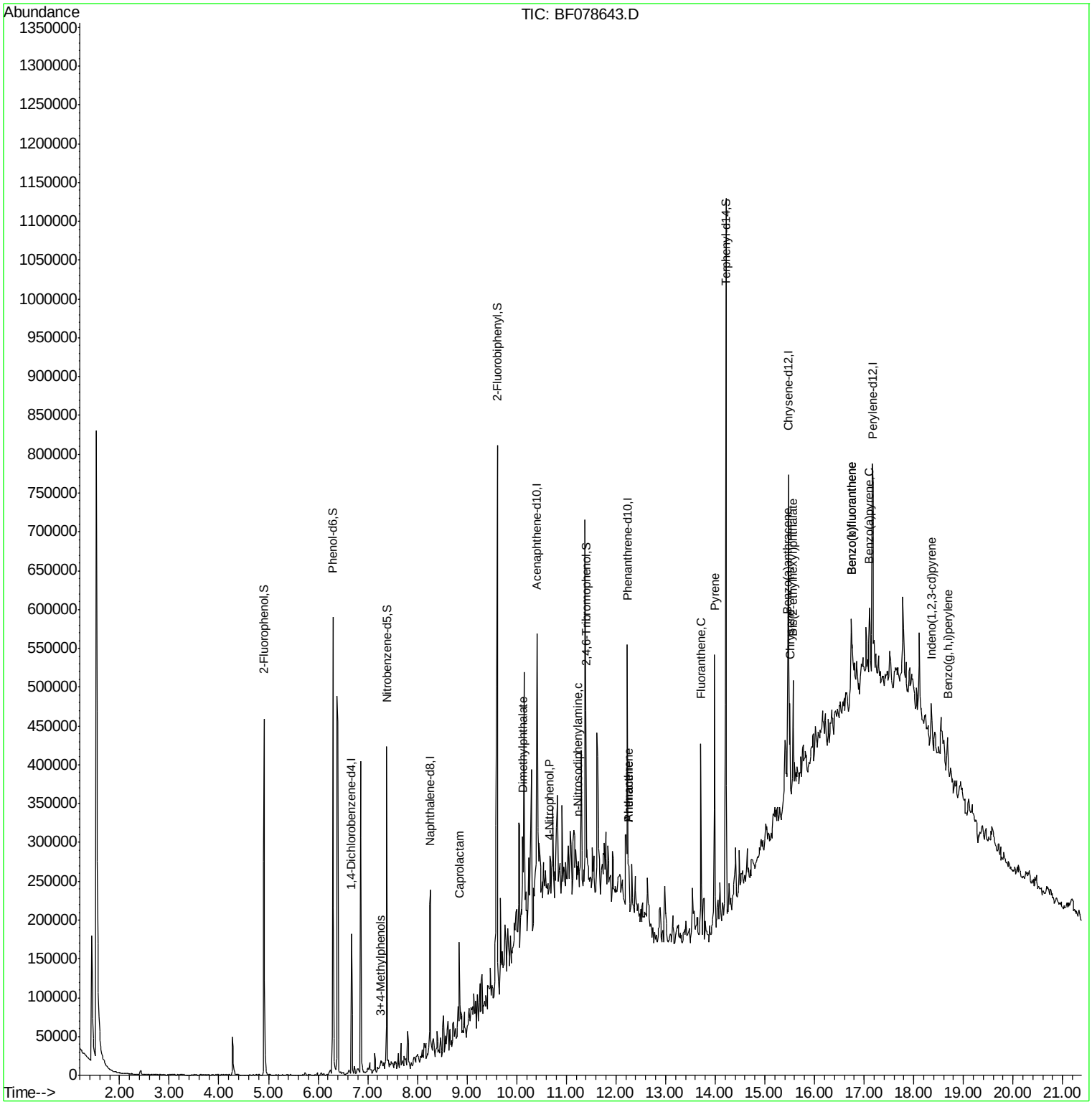
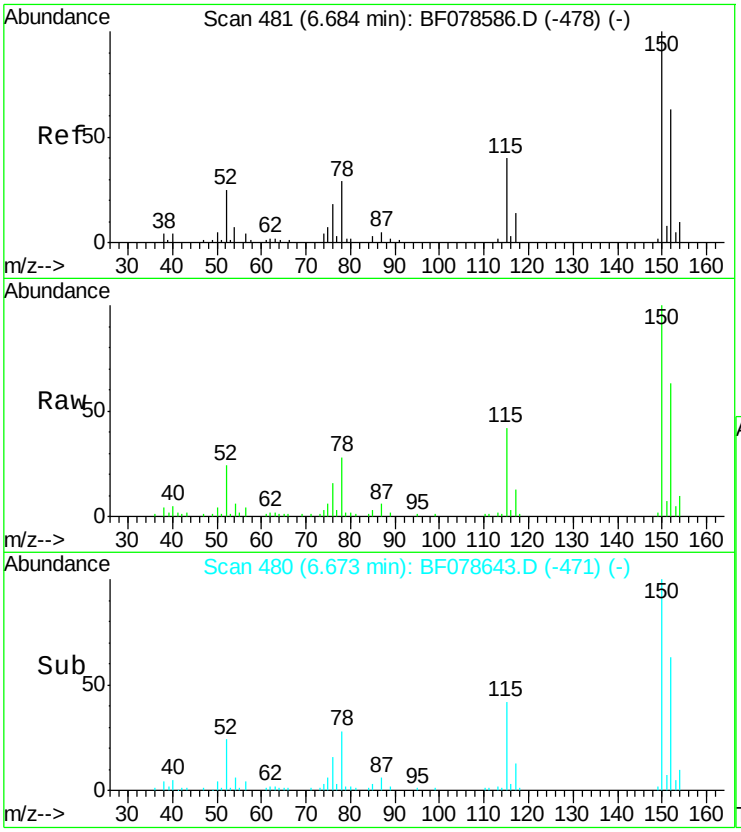
LS-SB18A

Quant Time: Apr 20 01:00:33 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



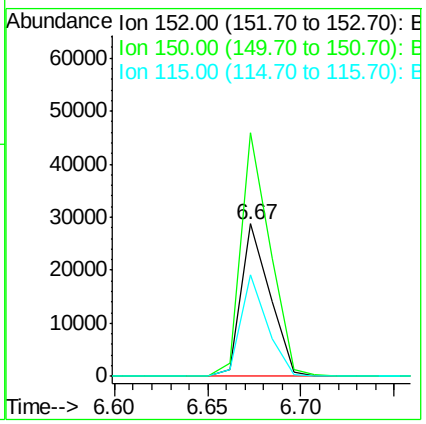


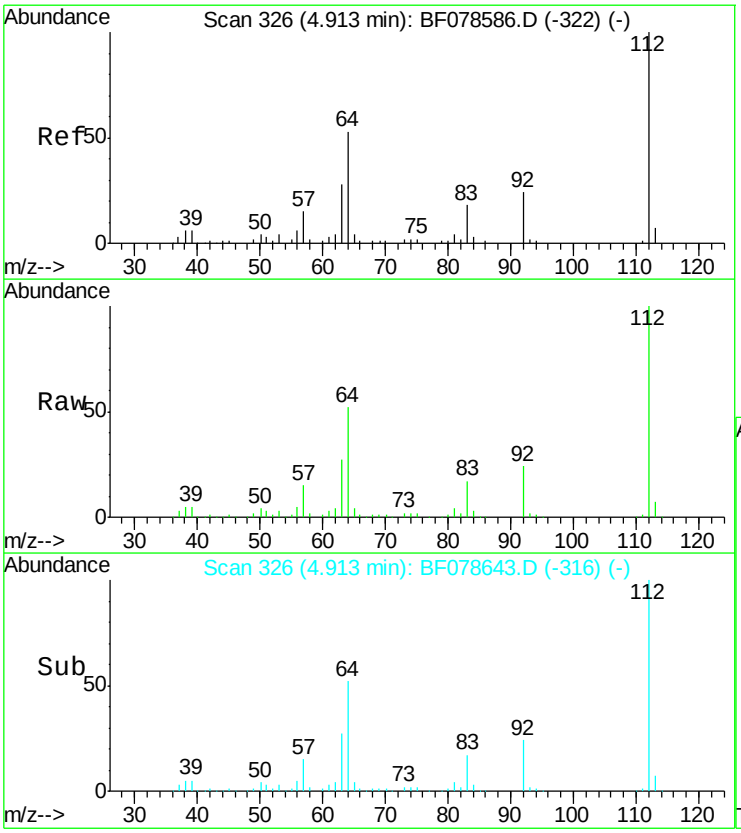
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:152 Resp: 30929

Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.9	188.9
115	66.9	52.7	79.1

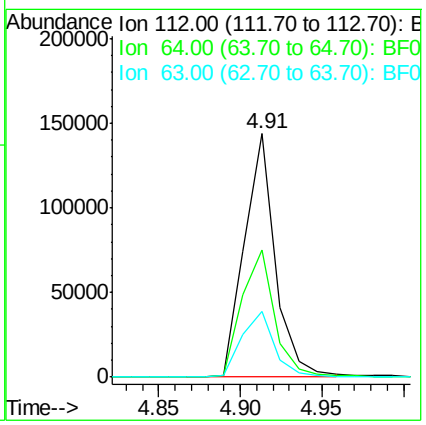


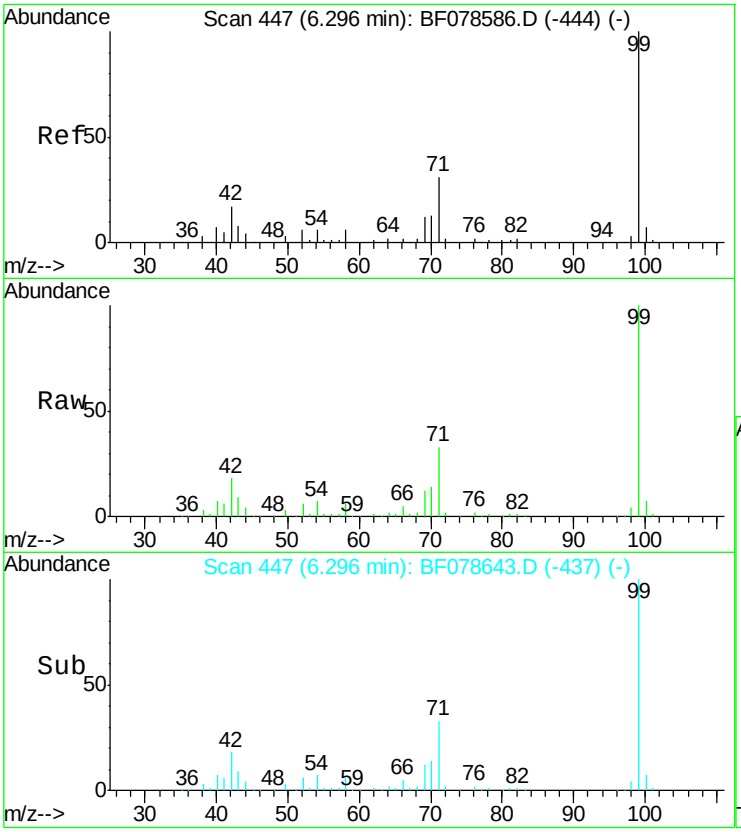


#5
2-Fluorophenol
Concen: 100.73 ng
RT: 4.91 min Scan# 326
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:112 Resp: 188954

Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.9	59.9
63	27.1	20.2	30.4



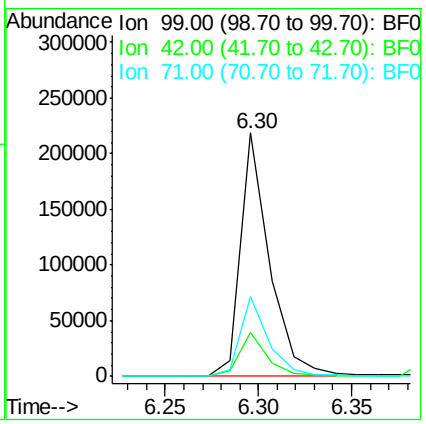


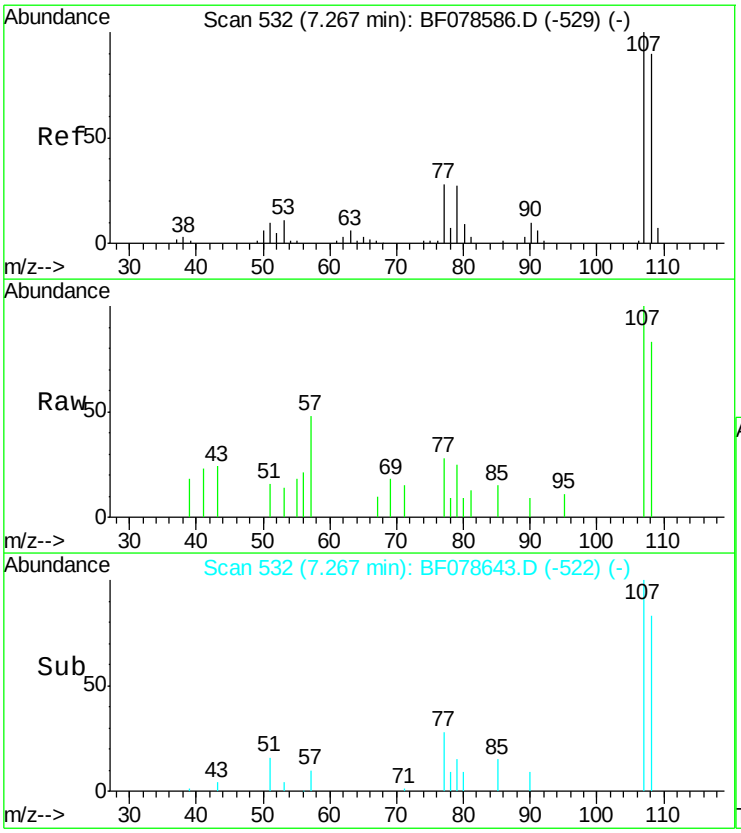
#7
Phenol-d6
Concen: 100.49 ng
RT: 6.30 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion: 99 Resp: 236246

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.8	22.2
71	32.9	26.6	39.8

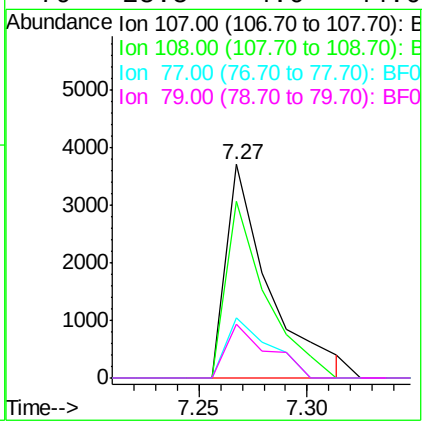


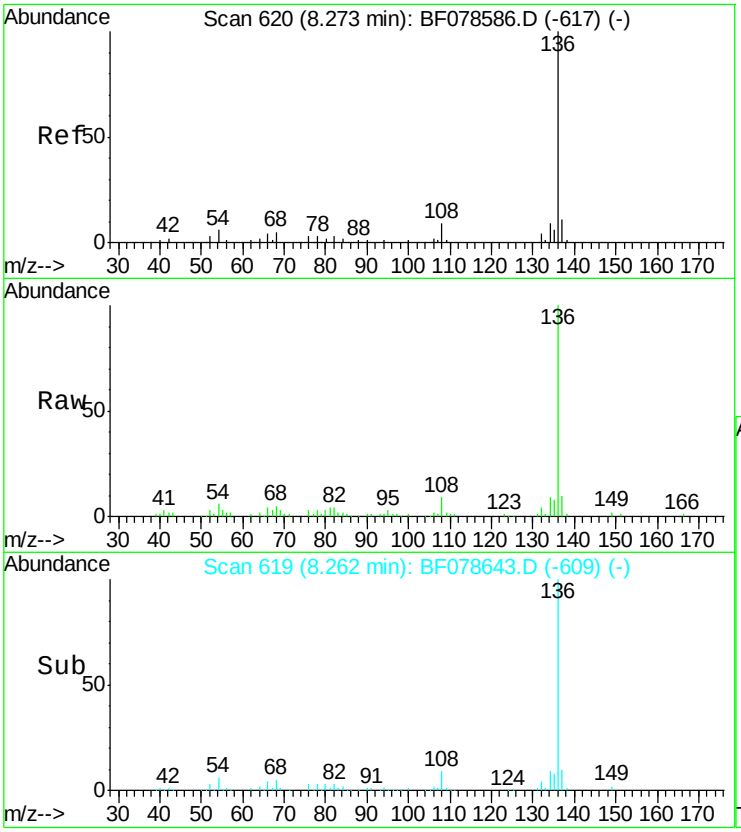


#20
3+4-Methylphenols
Concen: 2.20 ng
RT: 7.27 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:107 Resp: 5061

Ion	Ratio	Lower	Upper
107	100		
108	82.7	64.4	104.4
77	28.0	9.7	49.7
79	25.5	4.0	44.0



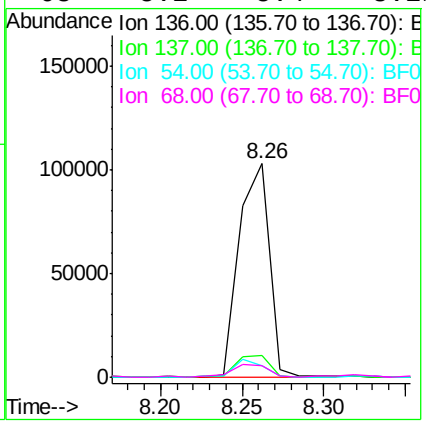


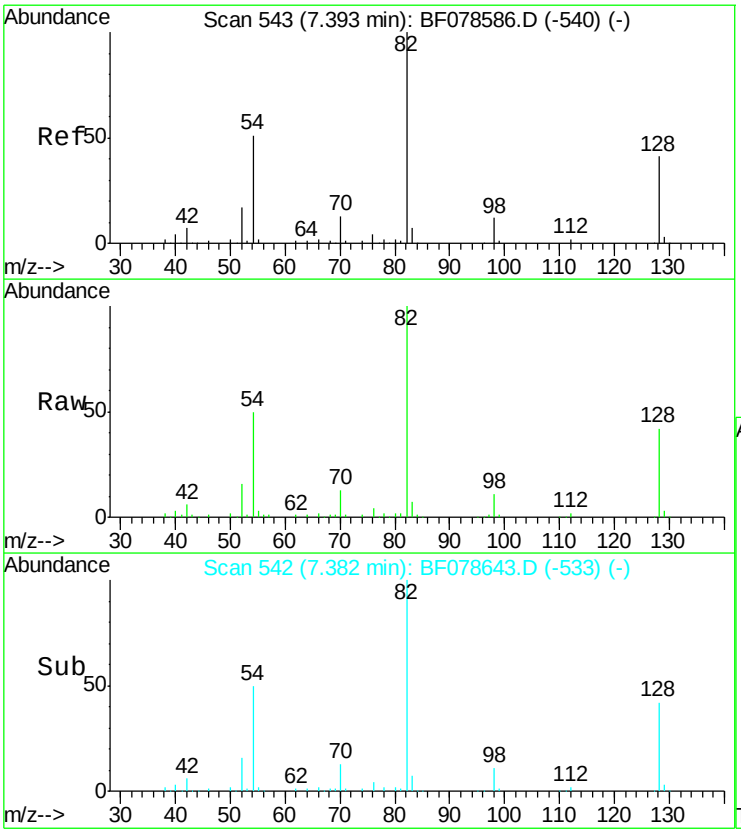
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 619
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:136 Resp: 132052

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	5.7	7.0	10.6#
68	5.2	5.4	8.2#

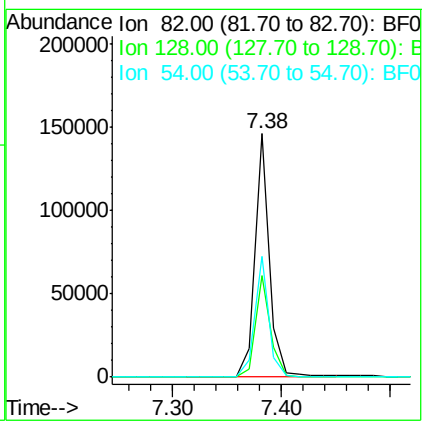


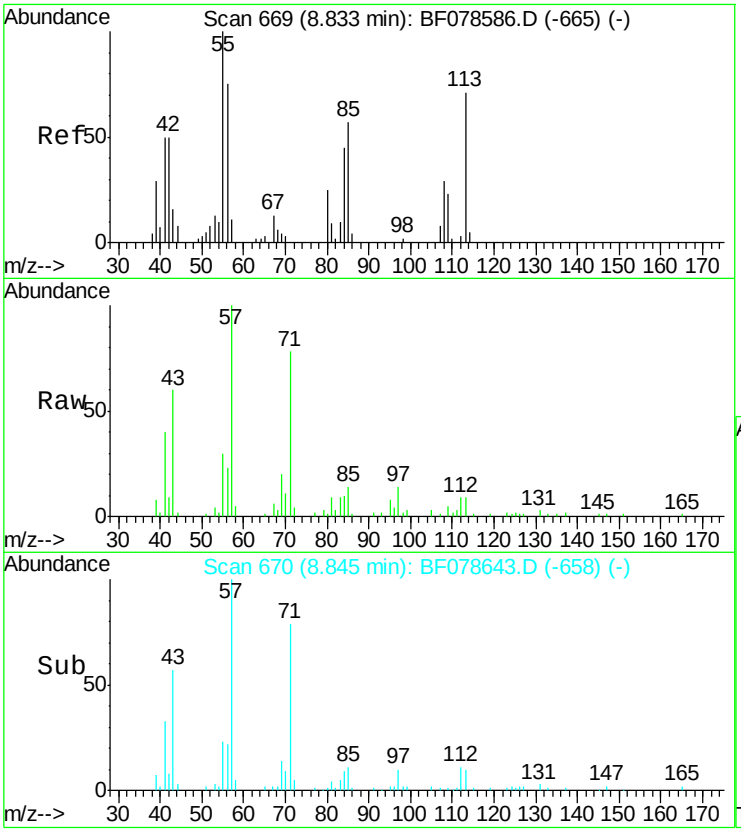


#23
Nitrobenzene-d5
Concen: 63.14 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion: 82 Resp: 137550

Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.8	47.8
54	49.5	41.5	62.3



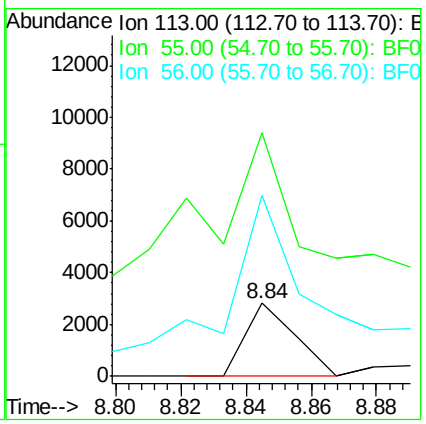


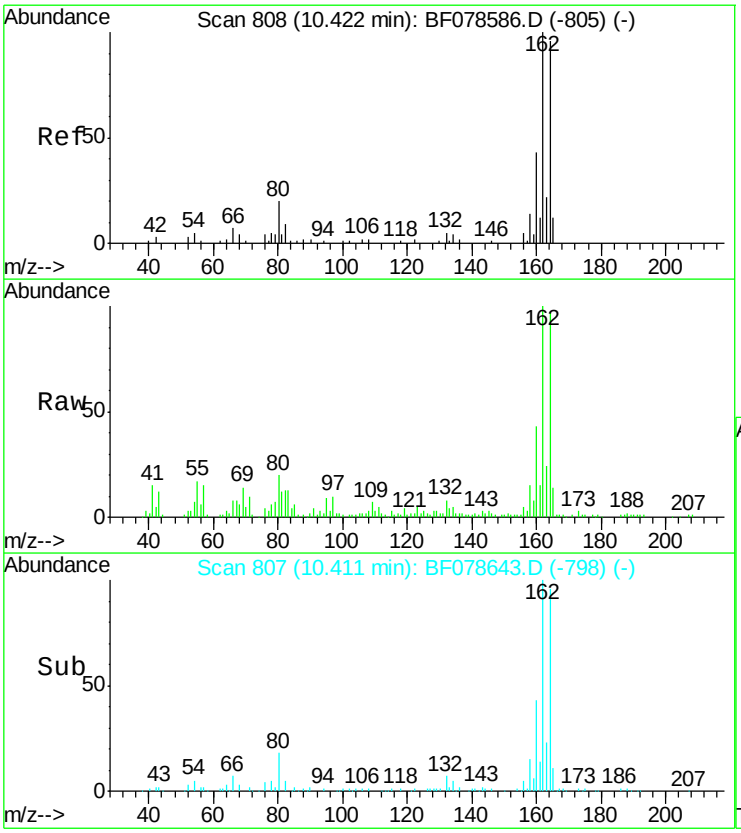
#35
Caprolactam
Concen: 5.32 ng
RT: 8.84 min Scan# 670
Delta R.T. 0.03 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:113 Resp: 2914

Ion	Ratio	Lower	Upper
113	100		
55	334.3	151.9	191.9#
56	248.4	106.1	146.1#

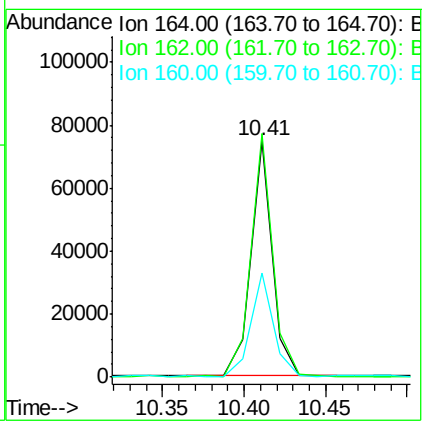


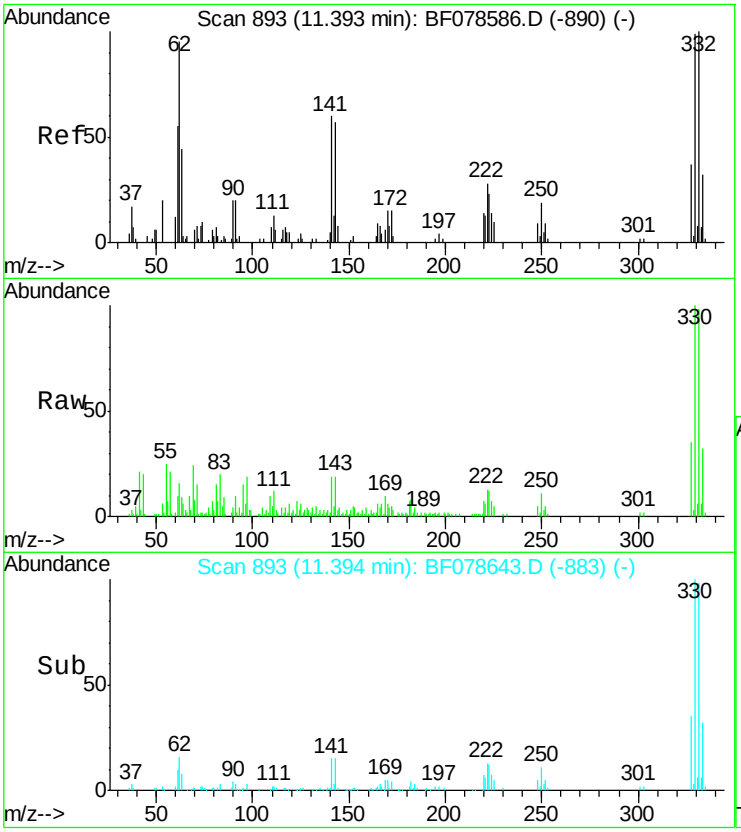


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:164 Resp: 67707

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.2	123.2
160	44.1	34.7	52.1



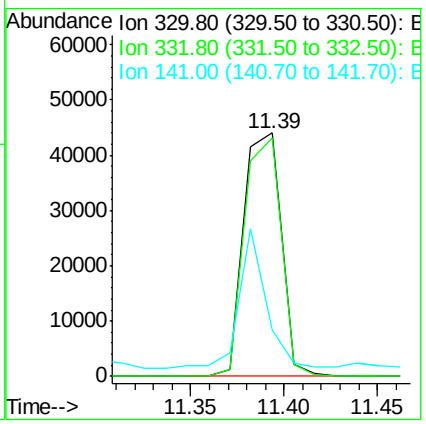


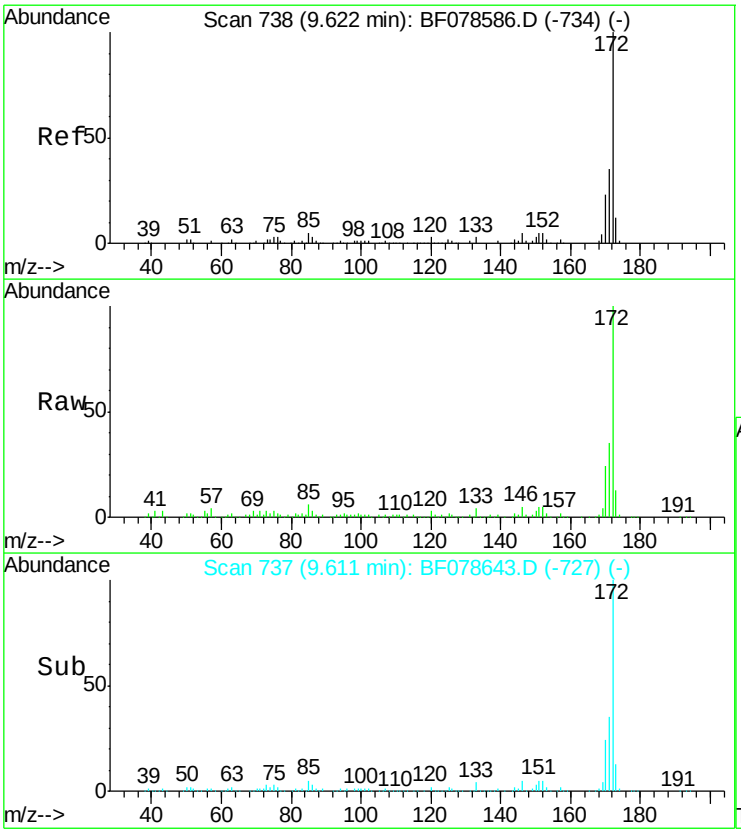
#41
2,4,6-Tribromophenol
Concen: 109.18 ng
RT: 11.39 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:330 Resp: 61308

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.6	117.8
141	41.9	31.2	46.8

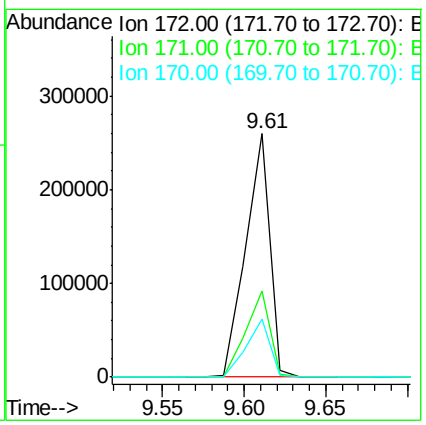


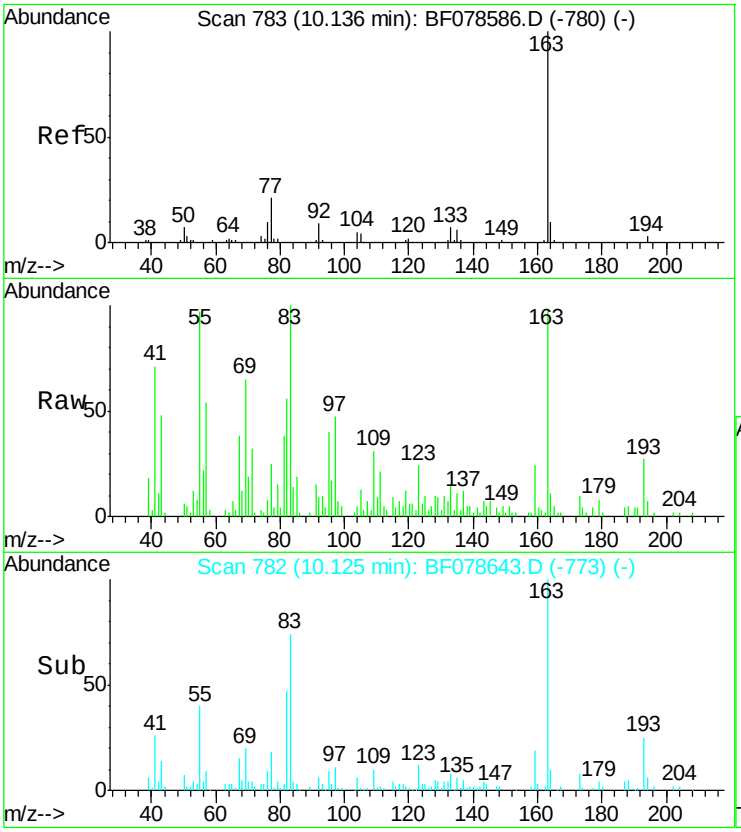


#44
2-Fluorobiphenyl
Concen: 56.25 ng
RT: 9.61 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:172 Resp: 266437

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.8	18.5	27.7



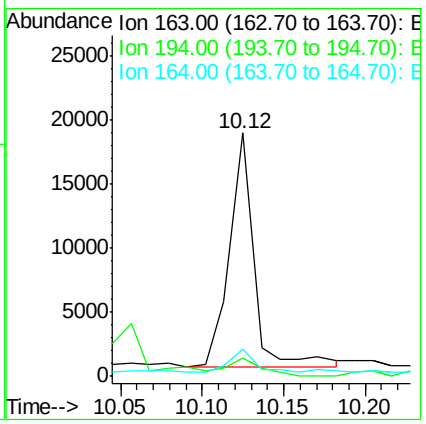


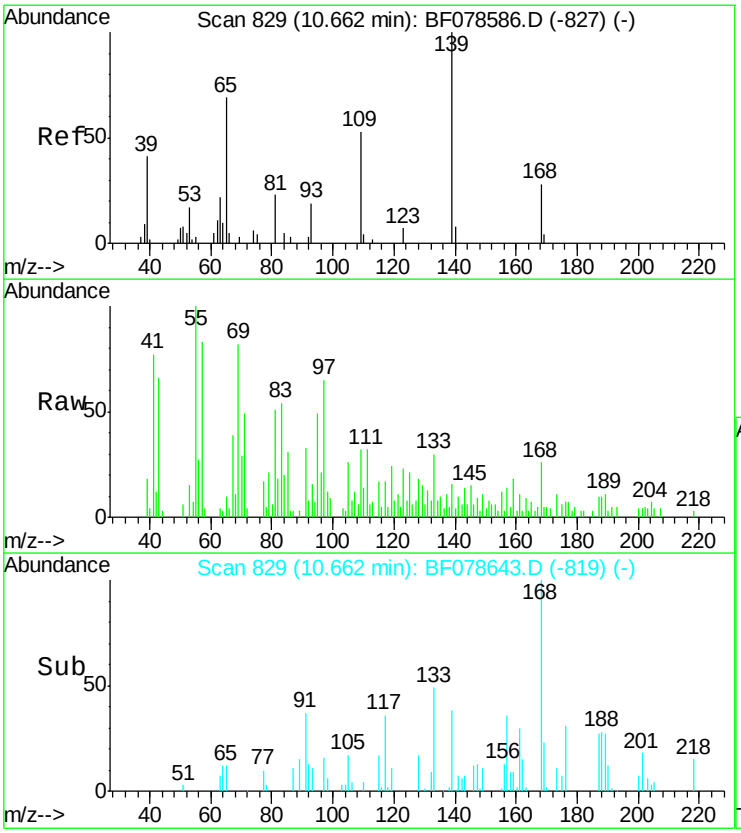
#49
Dimethylphthalate
Concen: 3.70 ng
RT: 10.12 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:163 Resp: 18834

Ion	Ratio	Lower	Upper
163	100		
194	7.5	2.3	3.5#
164	10.9	8.6	13.0

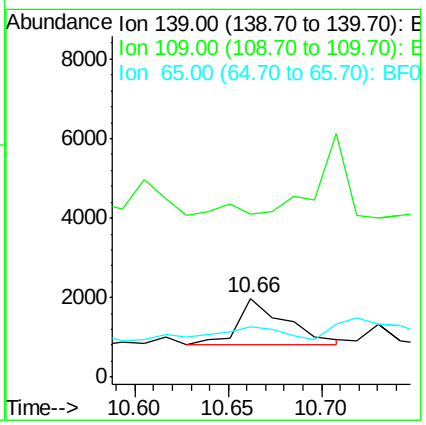


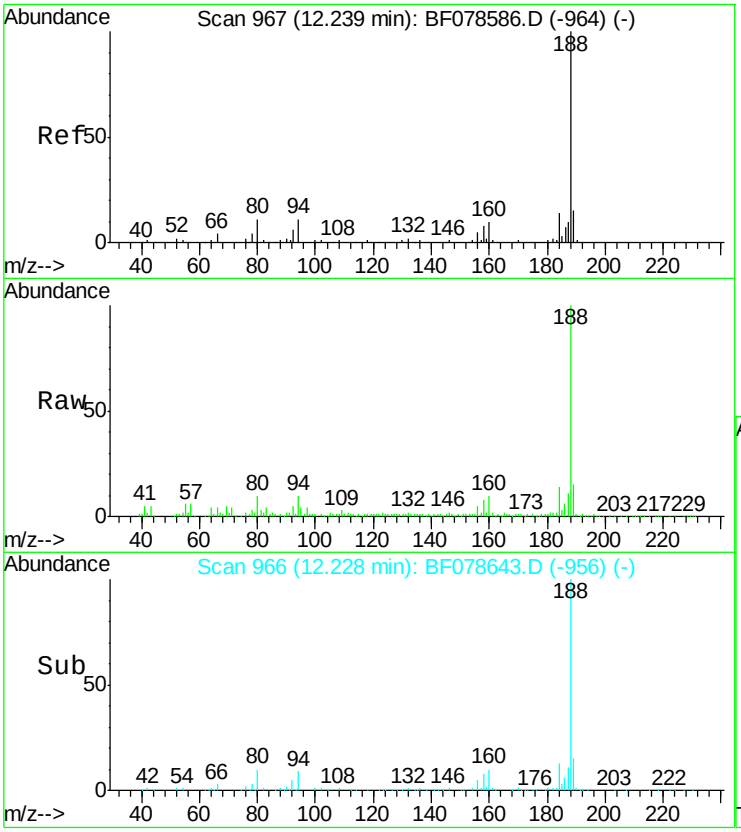


#55
4-Nitrophenol
Concen: 5.10 ng
RT: 10.66 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:139 Resp: 2119

Ion	Ratio	Lower	Upper
139	100		
109	206.7	36.7	76.7#
65	64.1	49.9	89.9



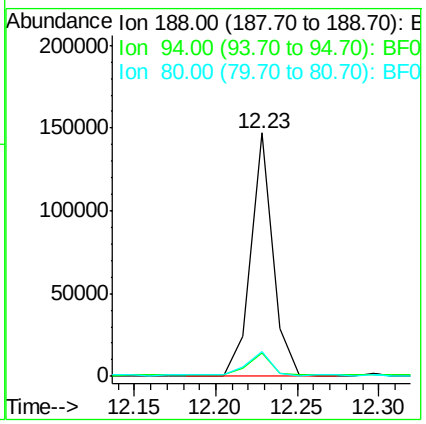


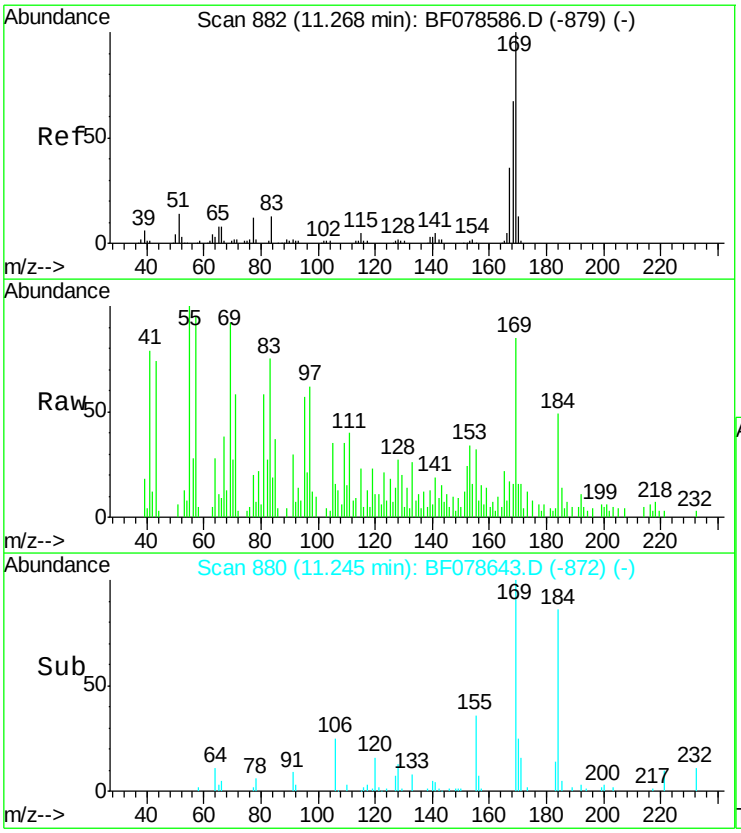
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:188 Resp: 138460

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	10.1	9.5	14.3

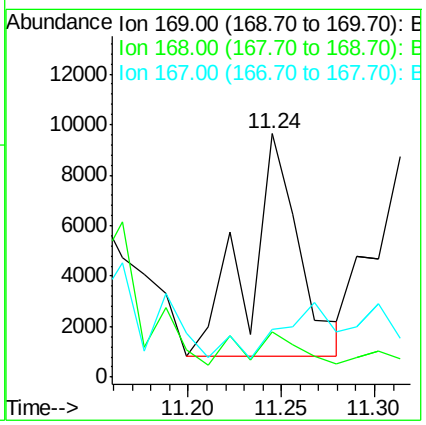


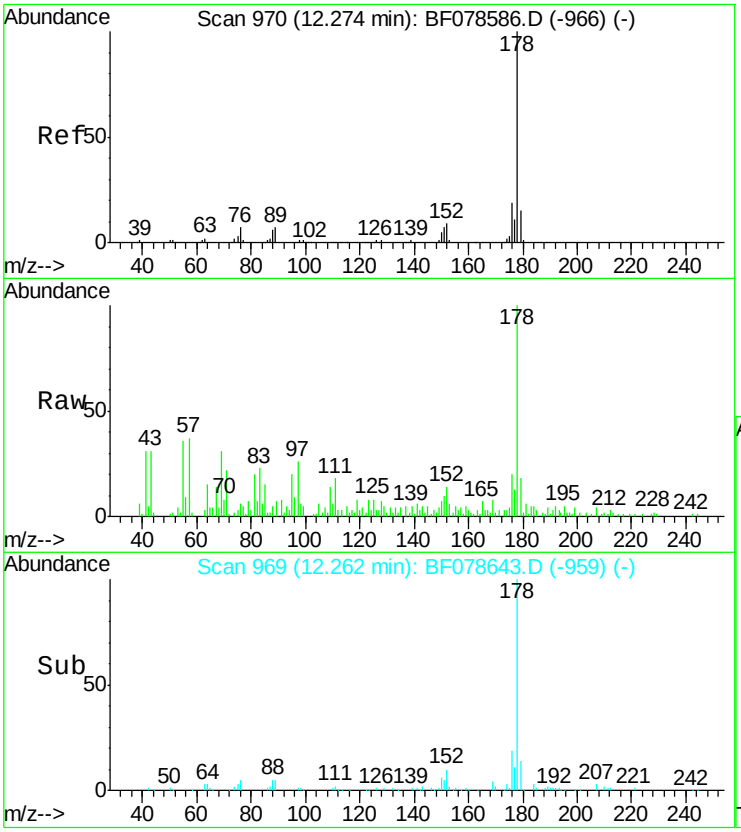


#65
n-Nitrosodiphenylamine
Concen: 3.45 ng
RT: 11.24 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:169 Resp: 16539

Ion	Ratio	Lower	Upper
169	100		
168	18.5	55.0	82.4#
167	19.9	29.3	43.9#



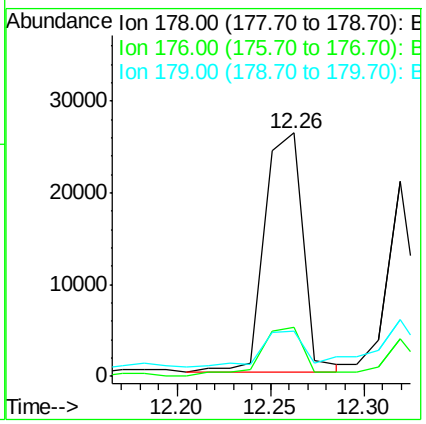


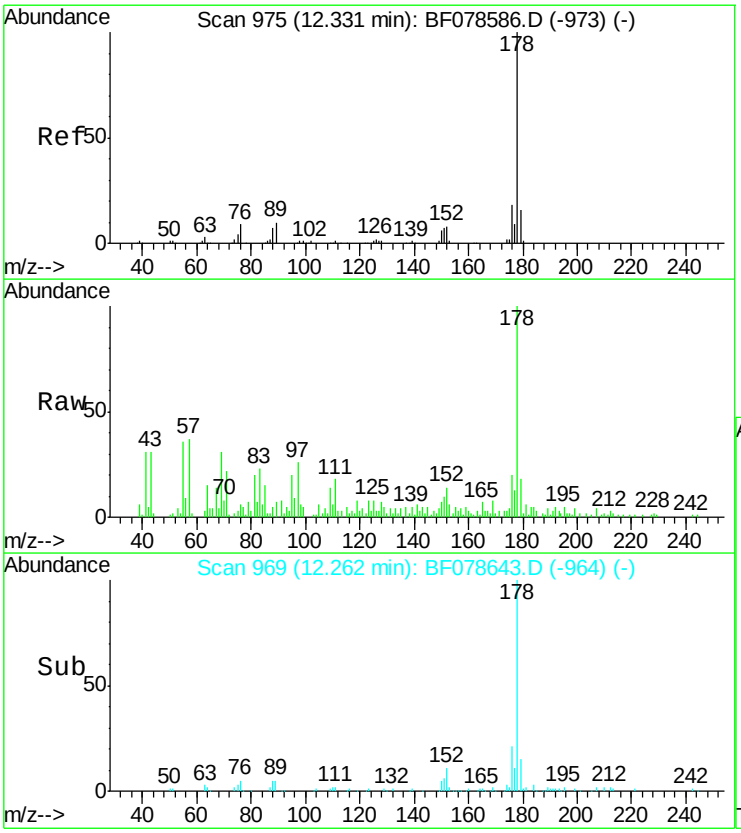
#70
Phenanthrene
Concen: 4.62 ng
RT: 12.26 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:178 Resp: 36990

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	18.4	12.2	18.2#

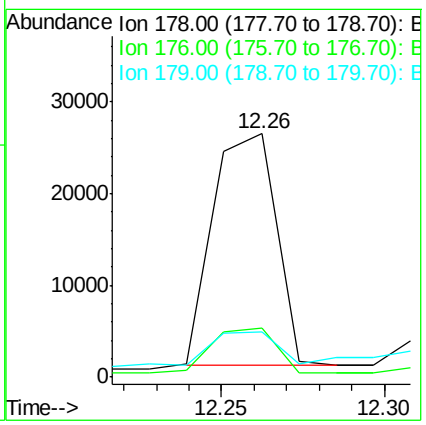


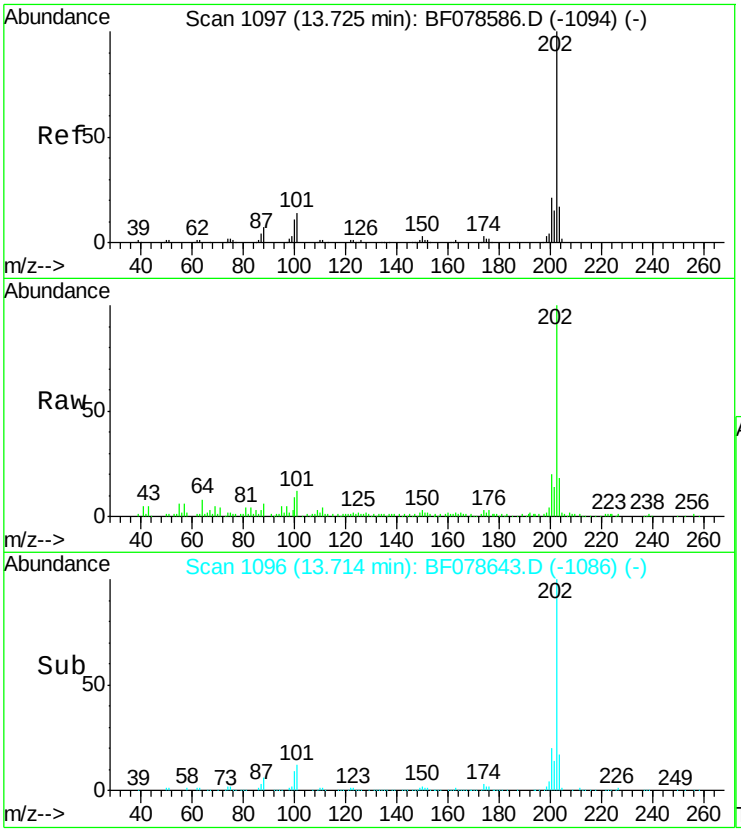


#71
Anthracene
Concen: 4.26 ng
RT: 12.26 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:178 Resp: 33655

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.8	22.2
179	18.4	12.4	18.6



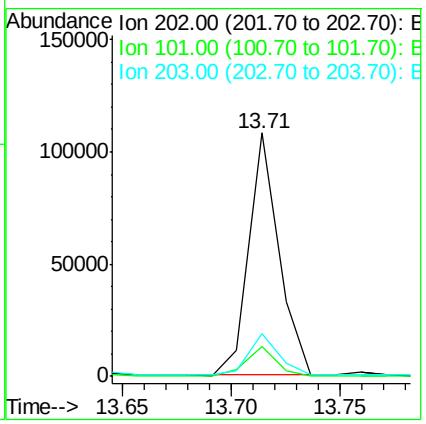


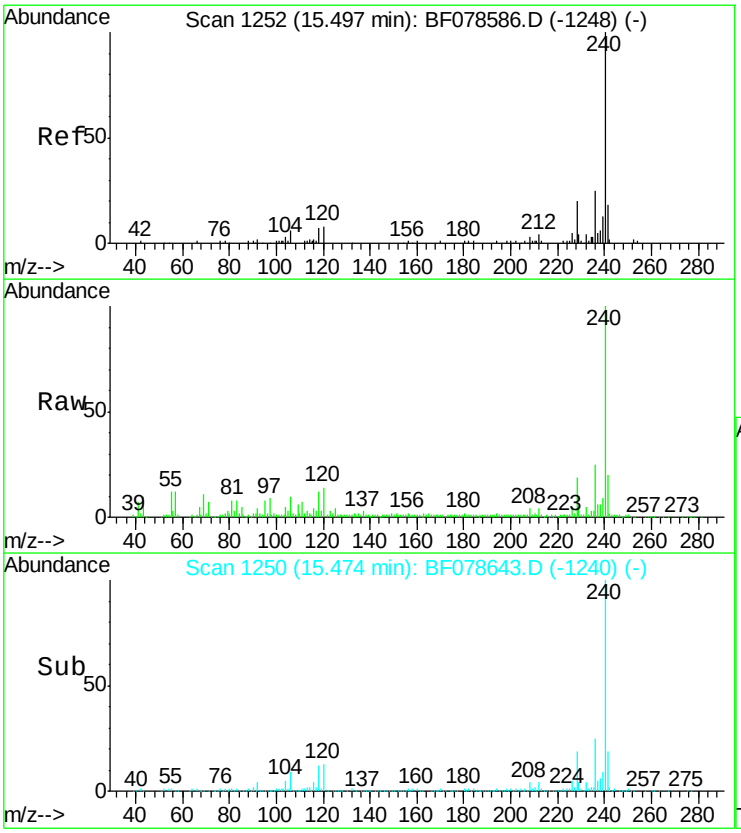
#74
Fluoranthene
Concen: 12.40 ng
RT: 13.71 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:202 Resp: 104767

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	35.2
203	17.6	0.0	38.5

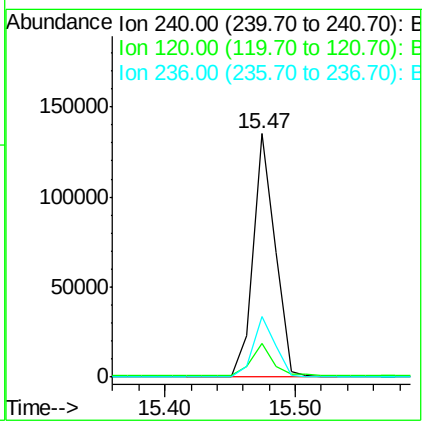


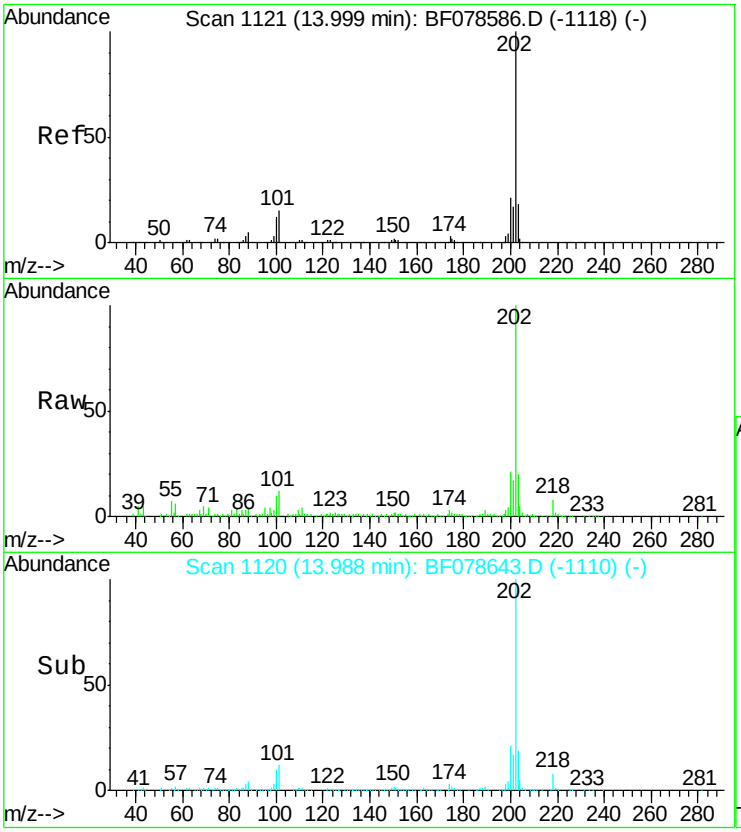


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:240 Resp: 159474

Ion	Ratio	Lower	Upper
240	100		
120	14.1	7.1	10.7#
236	25.0	21.4	32.2



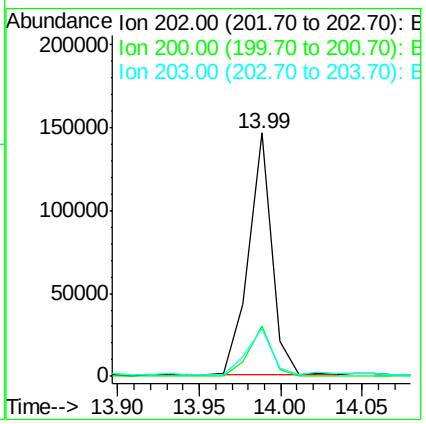


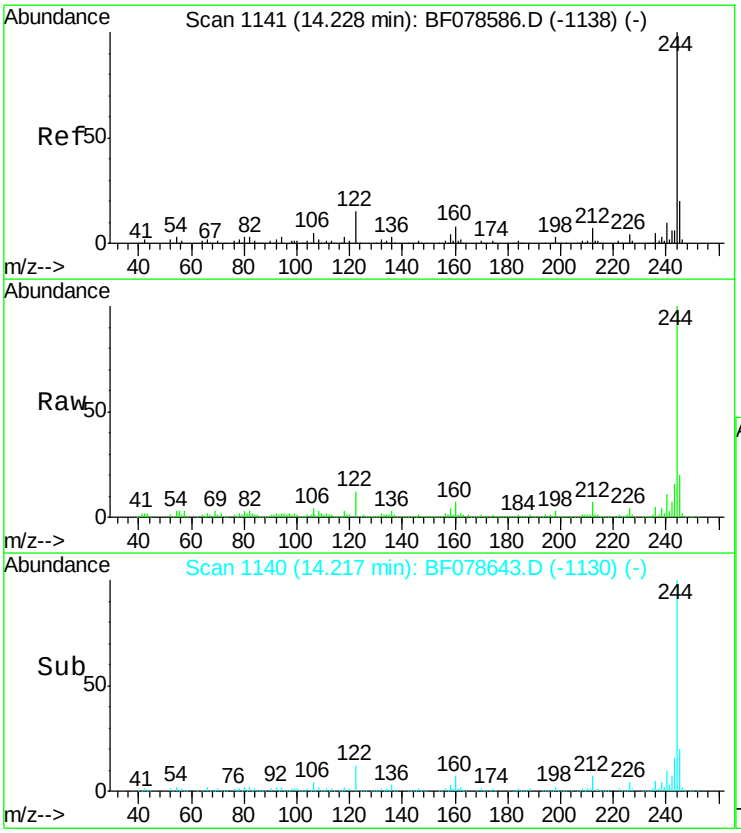
#77
Pyrene
Concen: 14.59 ng
RT: 13.99 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:202 Resp: 146046

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	19.7	13.8	20.6

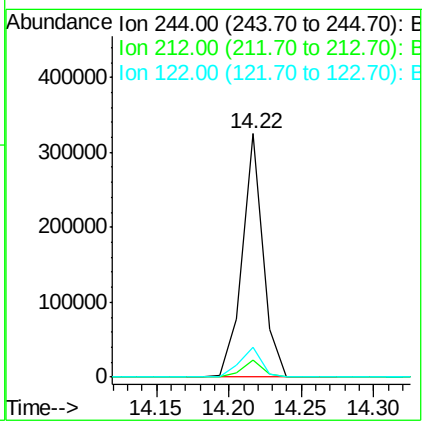


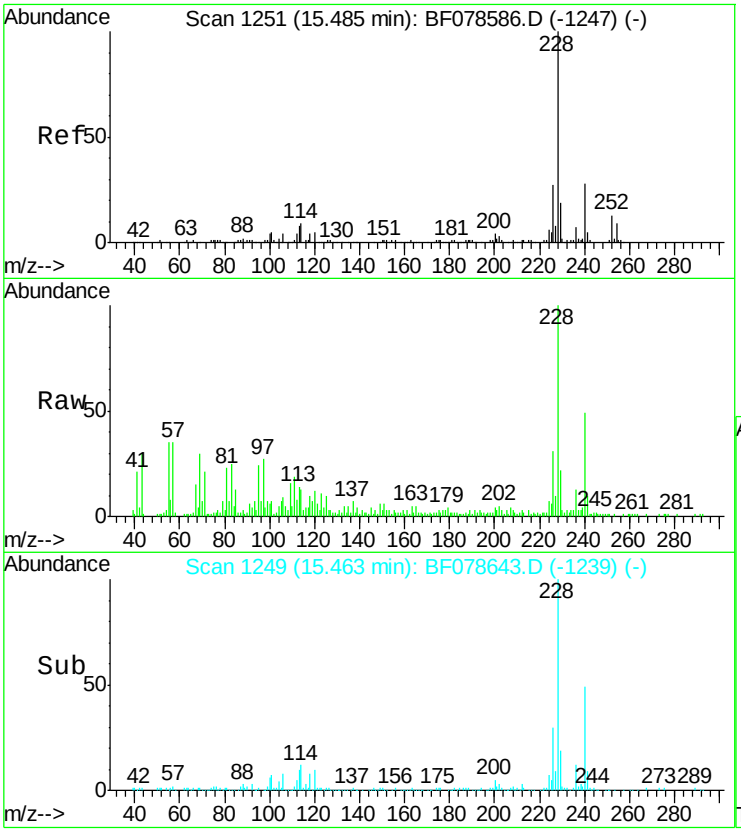


#78
Terphenyl-d14
Concen: 45.74 ng
RT: 14.22 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:244 Resp: 322818

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.4
122	12.2	7.1	10.7#



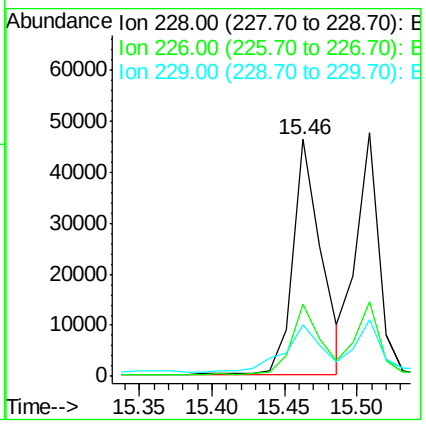


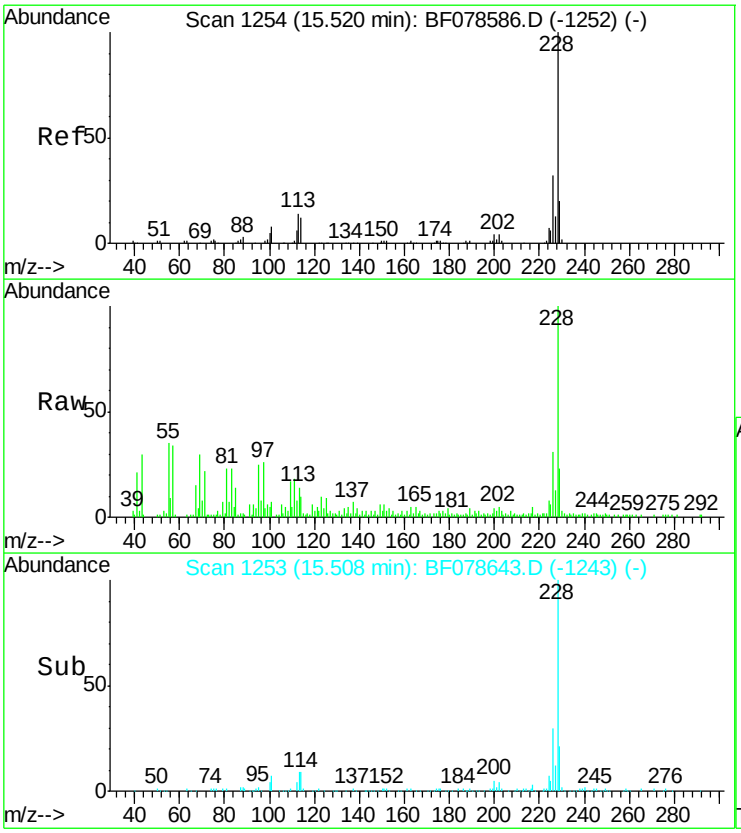
#80
Benzo(a)anthracene
Concen: 6.56 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:228 Resp: 62233

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.3	31.9
229	21.6	15.4	23.2

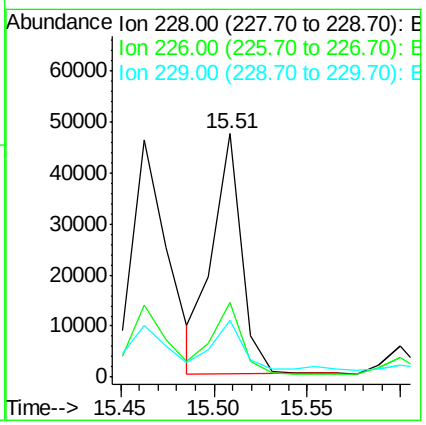


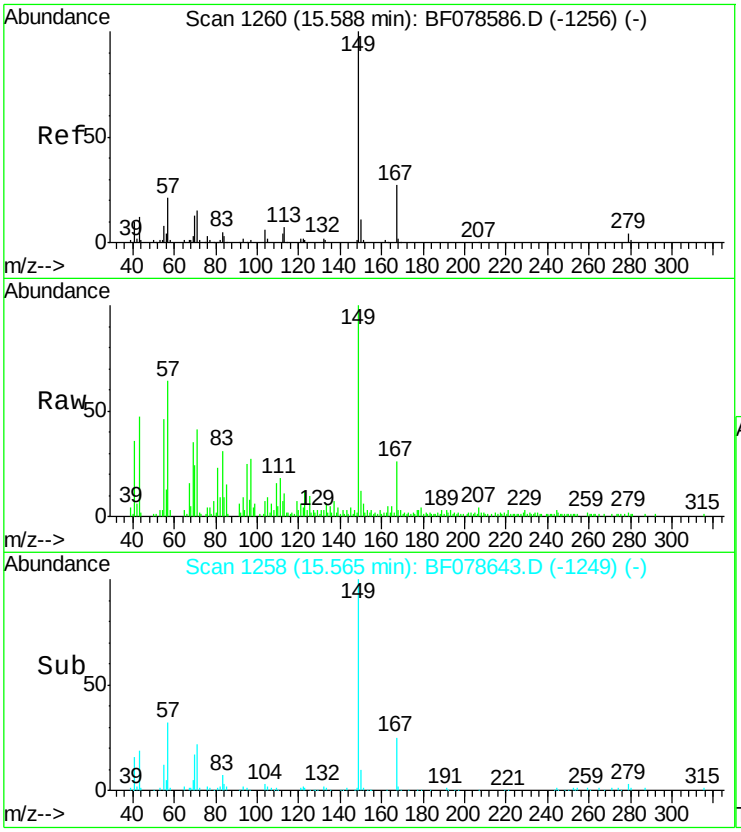


#82
Chrysene
Concen: 5.69 ng
RT: 15.51 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:228 Resp: 50715

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	23.2	15.8	23.8



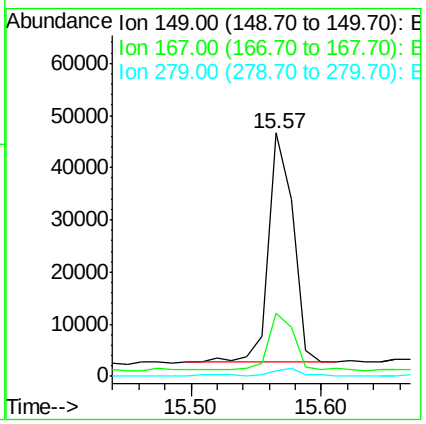


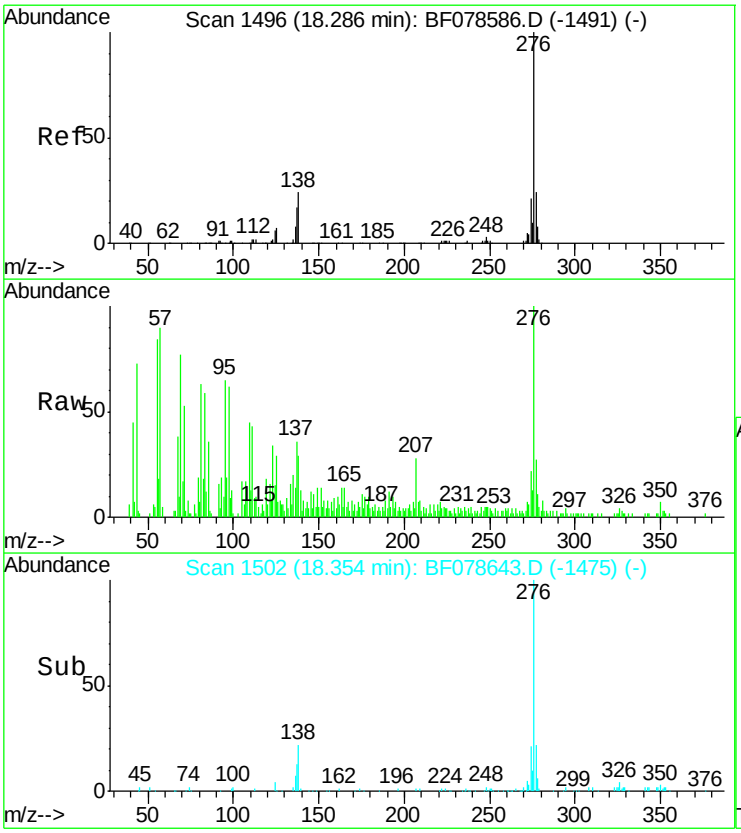
#83
Bis(2-ethylhexyl)phthalate
Concen: 9.74 ng
RT: 15.57 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:149 Resp: 58285

Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.2	33.2
279	2.4	3.2	4.8#

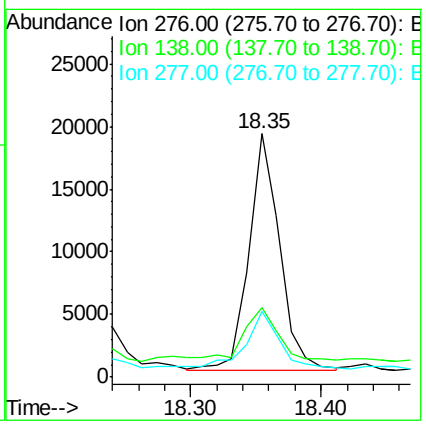


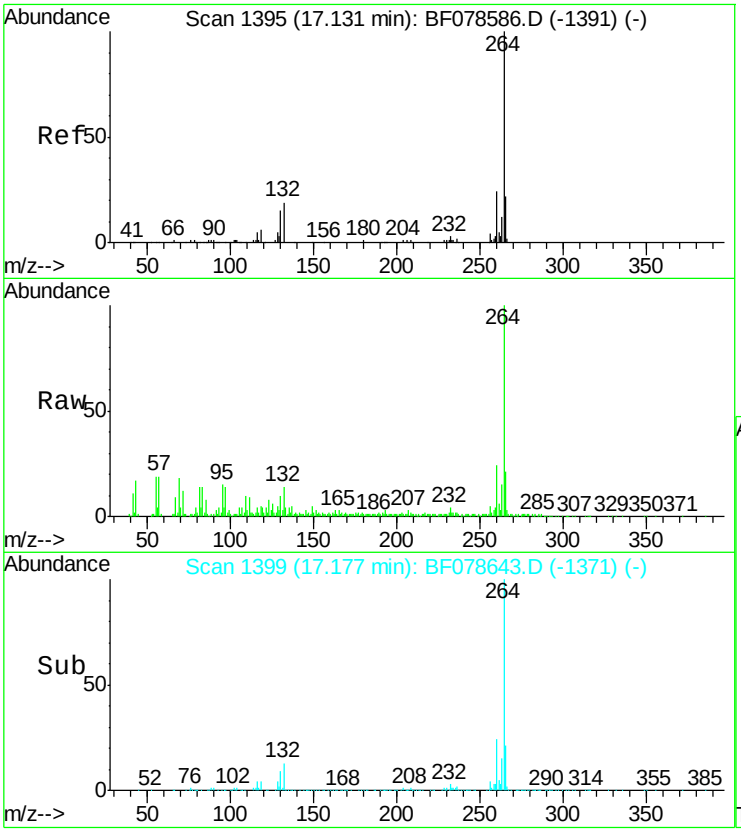


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.07 ng
RT: 18.35 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:276 Resp: 31037

Ion	Ratio	Lower	Upper
276	100		
138	25.3	16.9	25.3#
277	30.8	15.8	23.6#



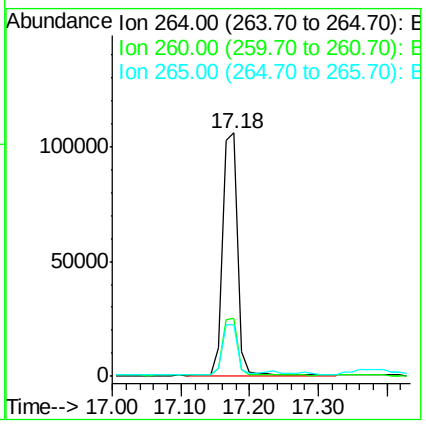


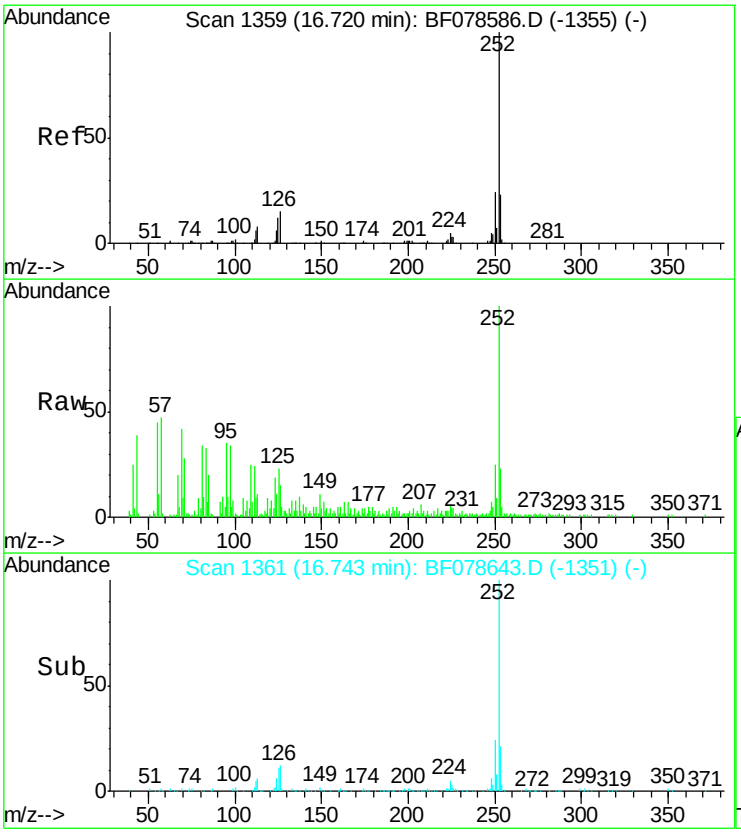
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.18 min Scan# 1399
Delta R.T. 0.02 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:264 Resp: 167080

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.4	17.0	25.6

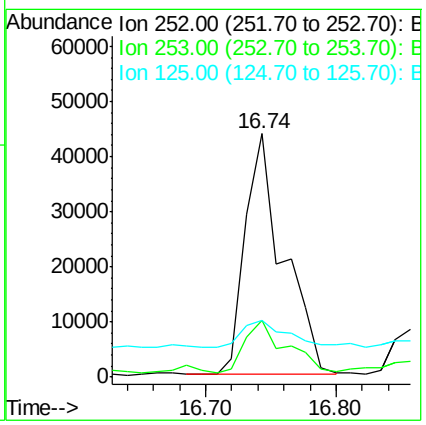


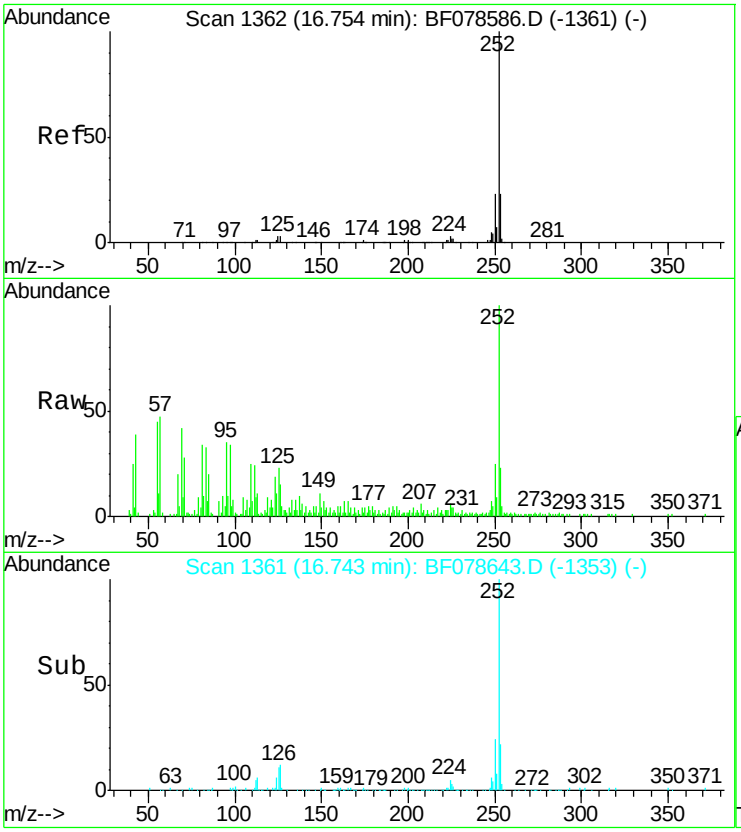


#87
Benzo(b)fluoranthene
Concen: 8.57 ng
RT: 16.74 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:252 Resp: 88496

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	23.4	7.0	10.4#



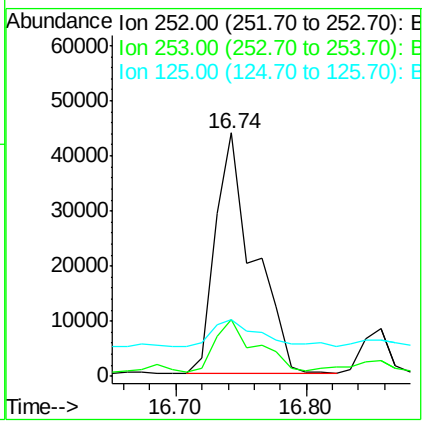


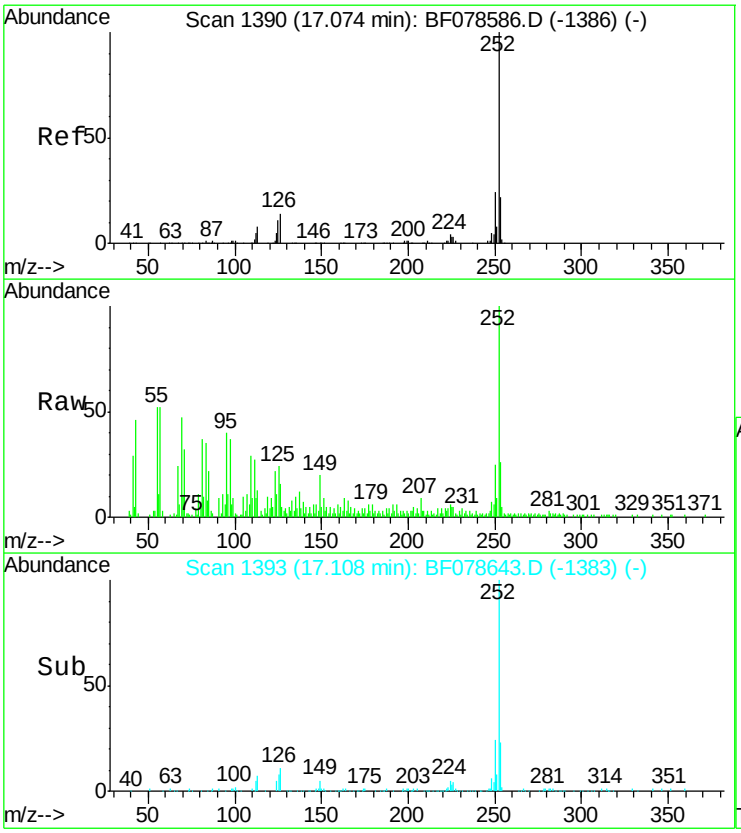
#88
Benzo(k)fluoranthene
Concen: 9.79 ng
RT: 16.74 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:252 Resp: 89794

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	23.4	11.6	17.4#

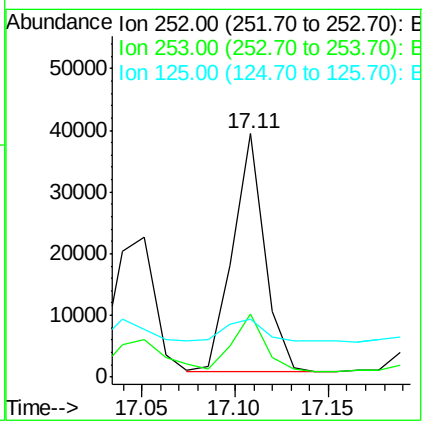


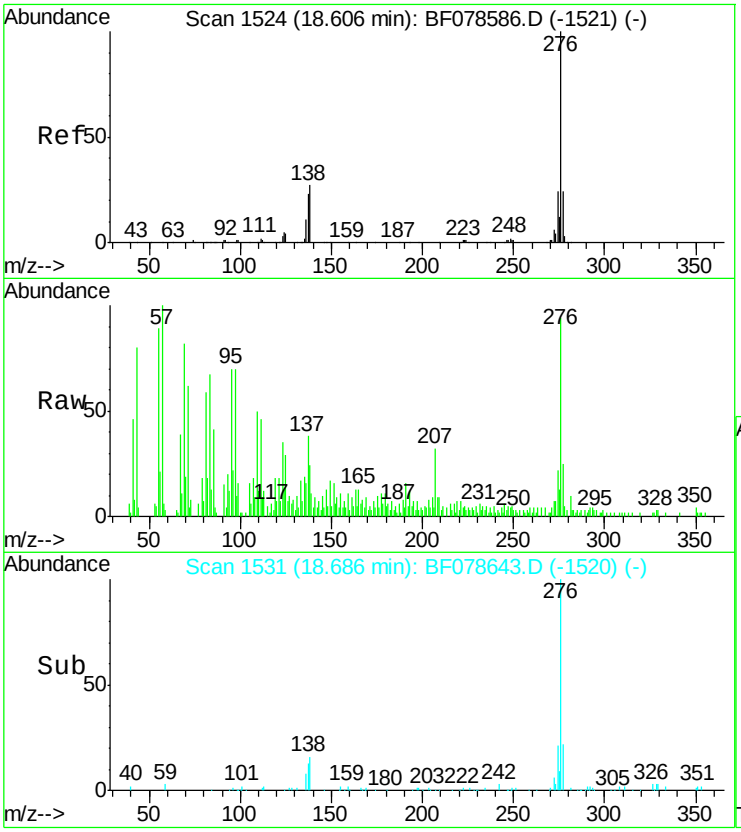


#89
Benzo(a)pyrene
Concen: 5.12 ng
RT: 17.11 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Tgt Ion:252 Resp: 46121

Ion	Ratio	Lower	Upper
252	100		
253	25.9	16.8	25.2#
125	24.0	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 3.12 ng
RT: 18.69 min Scan# 1531
Delta R.T. 0.02 min
Lab File: BF078643.D
Acq: 18 Apr 2015 14:16

Instrument :
BNA_F
ClientSampleId :
LS-SB18A

Tgt Ion:276 Resp: 28229

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.0	28.4
138	25.2	19.9	29.9