Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100818.D
Acq On : 22 Nov 2017 11:30
Operator : SJ/JU
Sample : I6557-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 22 17:25:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	86671	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	337049	20.00	ng		-0.02
38) Acenaphthene-d10	9.92	164	128947	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	136730	20.00	ng		0.02
75) Chrysene-d12	14.05	240	179974	20.00	ng		0.00
86) Perylene-d12	15.52	264	211129	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	638965	118.18	ng		0.00
7) Phenol-d6	6.50	99	795927	119.38	ng		0.00
23) Nitrobenzene-d5	7.44	82	496308	97.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	148878	113.30	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	883881	104.38	ng		0.00
78) Terphenyl-d14	13.00	244	531091	67.80	ng		0.02
Target Compounds							Qvalue
10) Phenol	6.52	94	43951	6.279	ng		99
19) n-Nitroso-di-n-propylamine	7.44	70	66611	14.406	ng	#	80
25) Isophorone	7.44	82	496146	46.312	ng	#	64
26) 2-Nitrophenol	7.86	139	108	5.418	ng	#	1
32) Benzoic acid	8.07	122	718	9.528	ng		90
47) 2-Nitroaniline	9.45	65	2255	3.672	ng	#	49
49) Dimethylphthalate	9.62	163	69158	7.024	ng	#	84
50) 2,6-Dinitrotoluene	9.71	165	4854	2.491	ng	#	32
52) 3-Nitroaniline	9.87	138	7384	3.209	ng	#	35
53) 2,4-Dinitrophenol	9.98	184	108	7.989	ng	#	1
56) 2,4-Dinitrotoluene	10.14	165	4942	2.010	ng	#	45
61) 4-Nitroaniline	10.33	138	11033	5.056	ng		86
64) 4,6-Dinitro-2-methylphenol	10.53	198	2209	11.198	ng	#	1
68) Atrazine	11.12	200	5123	3.560	ng	#	1
70) Phenanthrene	11.45	178	49176	6.831	ng	#	65
71) Anthracene	11.50	178	14937	2.045	ng	#	19
74) Fluoranthene	12.64	202	133305	17.472	ng		94
77) Pyrene	12.87	202	237512	18.513	ng		97
80) Benzo(a)anthracene	14.03	228	147946	13.651	ng		95
82) Chrysene	14.07	228	133273	12.699	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	64084	7.549	ng	#	90
87) Benzo(b)fluoranthene	15.08	252	256489	20.506	ng		97
88) Benzo(k)fluoranthene	15.08	252	256489	21.702	ng		97
89) Benzo(a)pyrene	15.44	252	121177	10.928	ng		97
90) Dibenzo(a,h)anthracene	17.00	278	19231	2.121	ng		97
91) Benzo(g,h,i)perylene	17.43	276	57080	6.430	ng		94

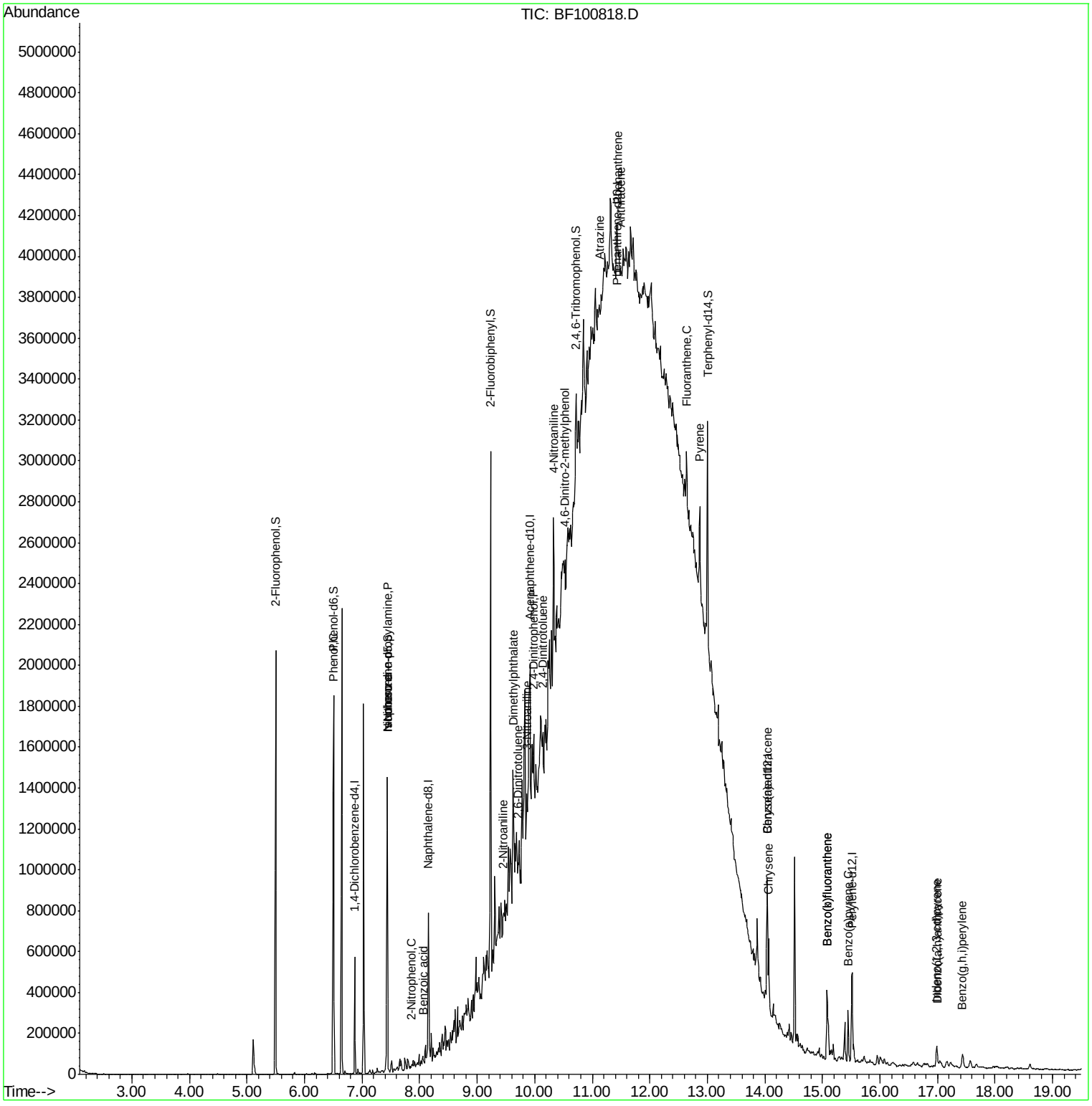
(#) = qualifier out of range (m) = manual integration (+) = signals summed

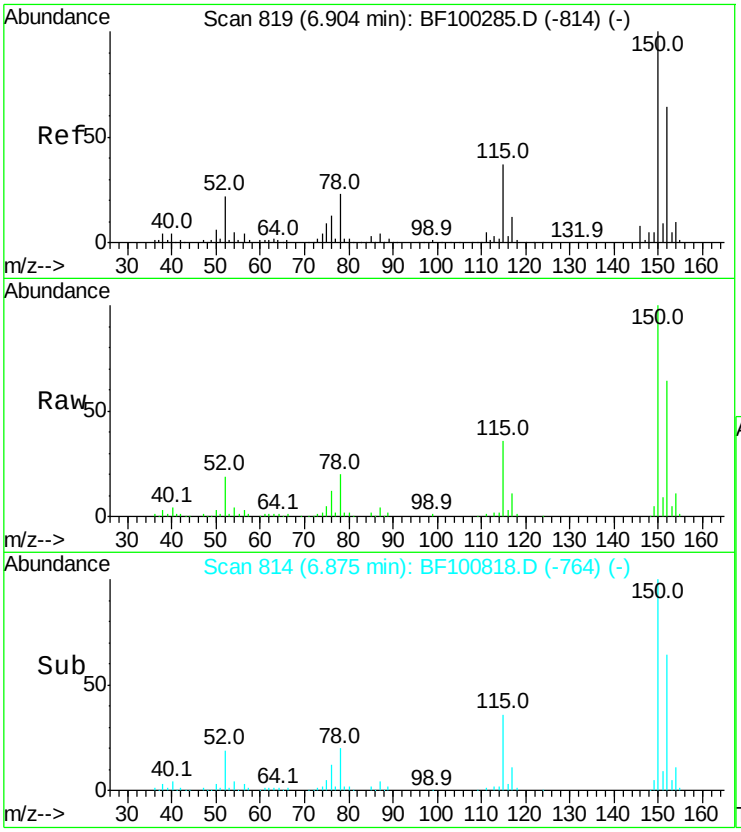
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100818.D
Acq On : 22 Nov 2017 11:30
Operator : SJ/JU
Sample : I6557-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 22 17:25:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration



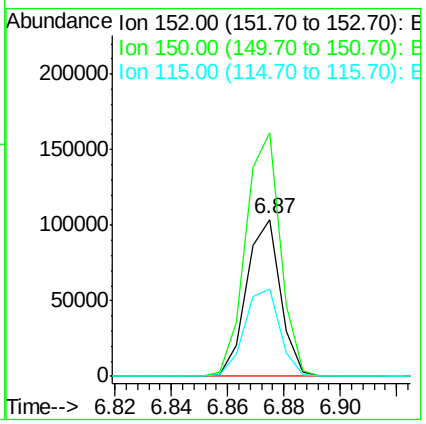


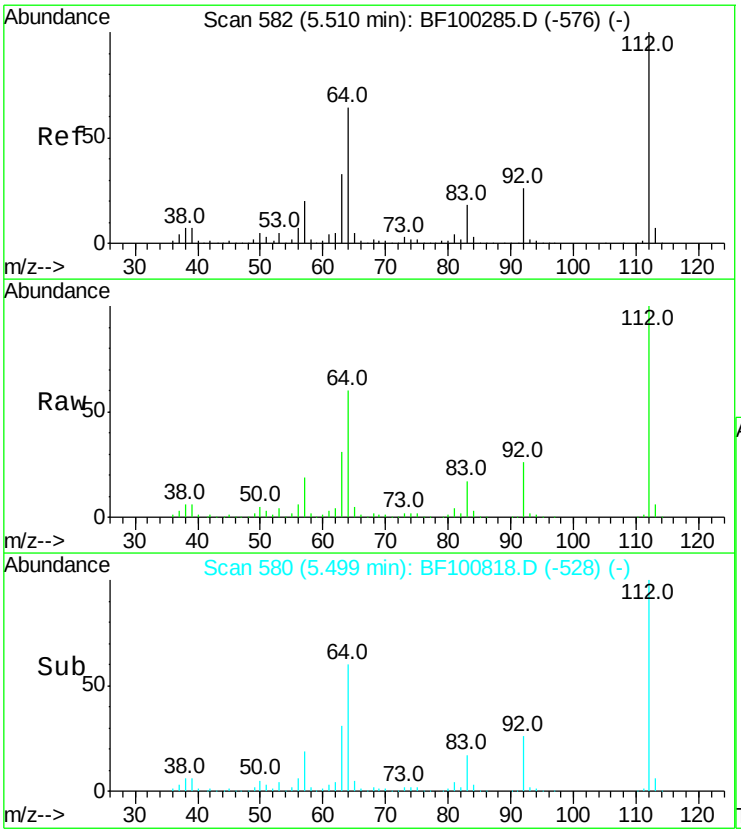
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 86671

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	55.6	50.1	75.1

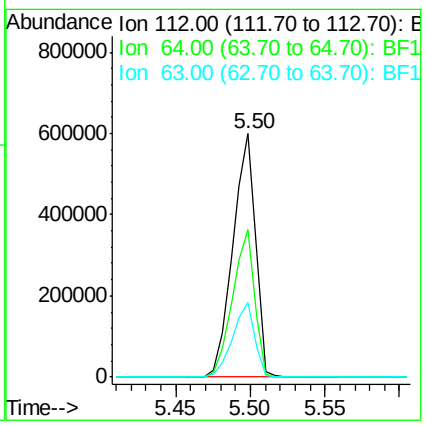


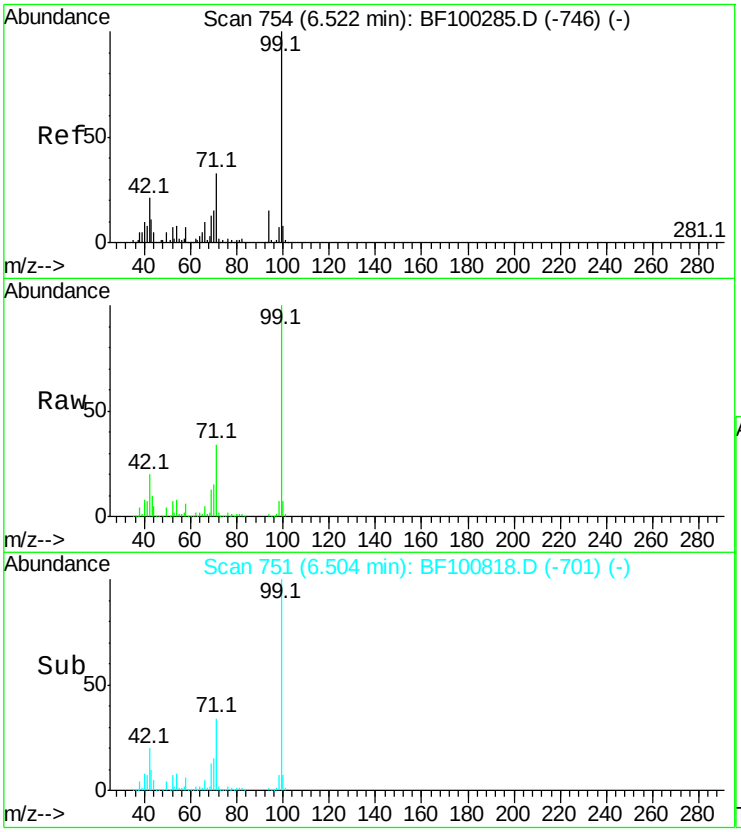


#5
2-Fluorophenol
Concen: 118.177 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:112 Resp: 638965

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	30.6	23.7	35.5



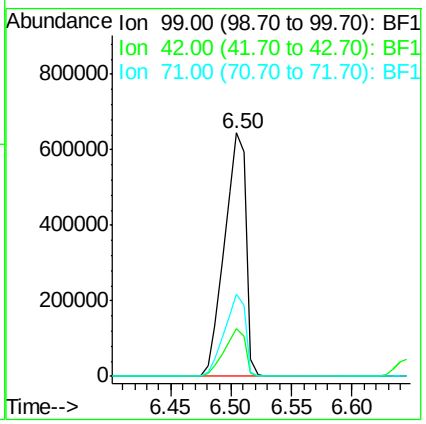


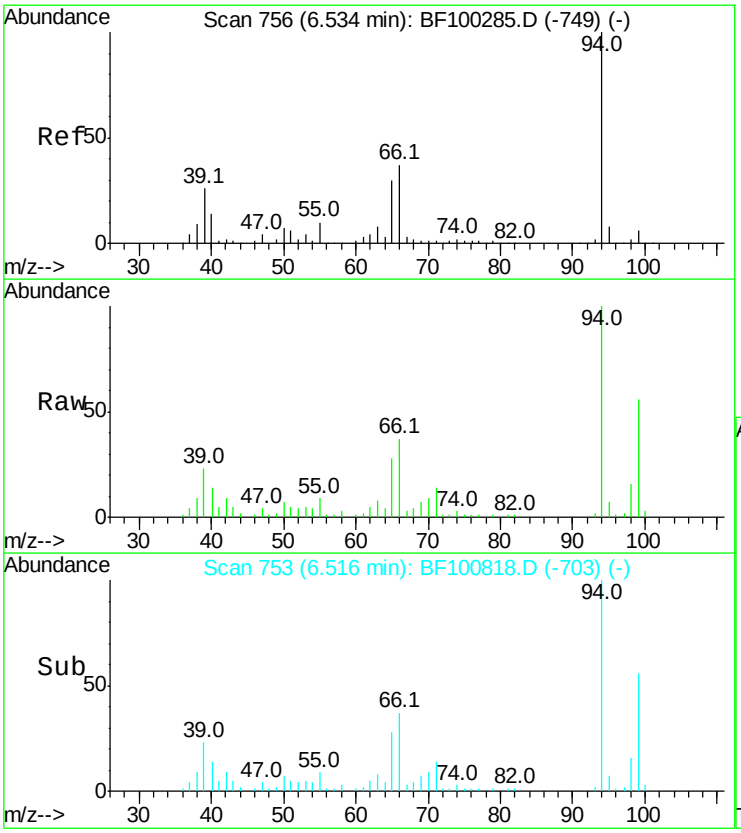
#7
Phenol-d6
Concen: 119.377 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 795927

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	34.1	25.4	38.0

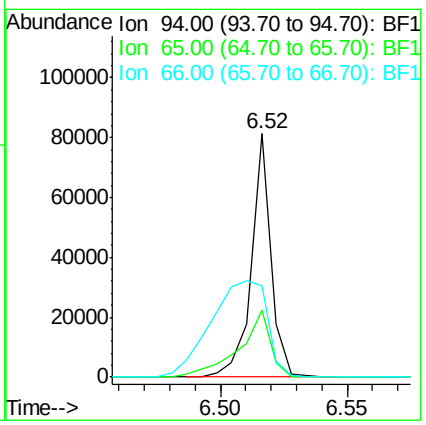


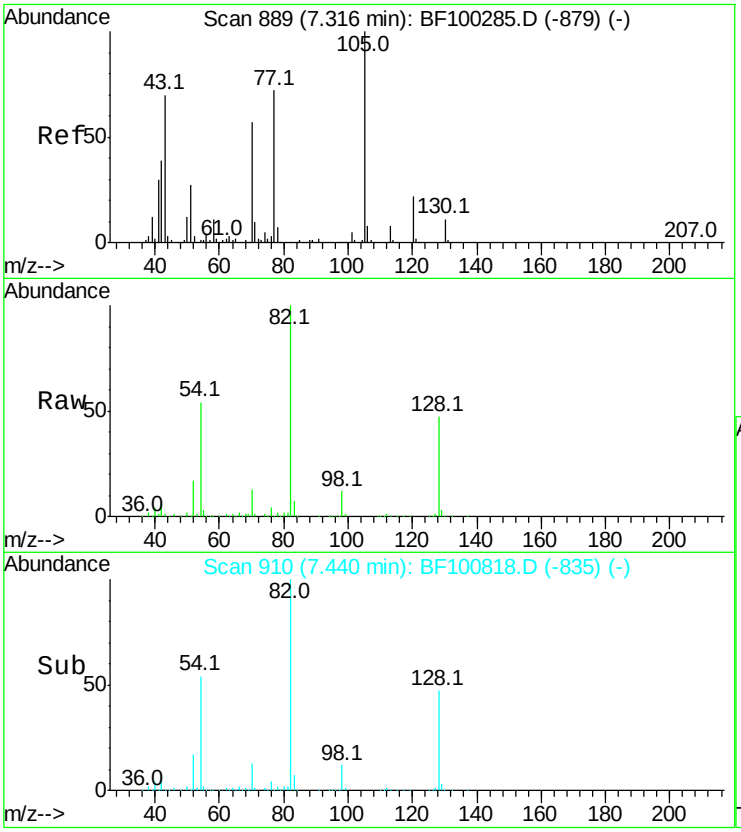


#10
Phenol
Concen: 6.279 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion: 94 Resp: 43951

Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.9	47.9
66	37.2	16.2	56.2



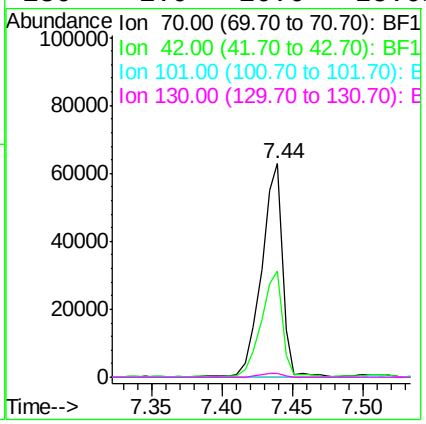


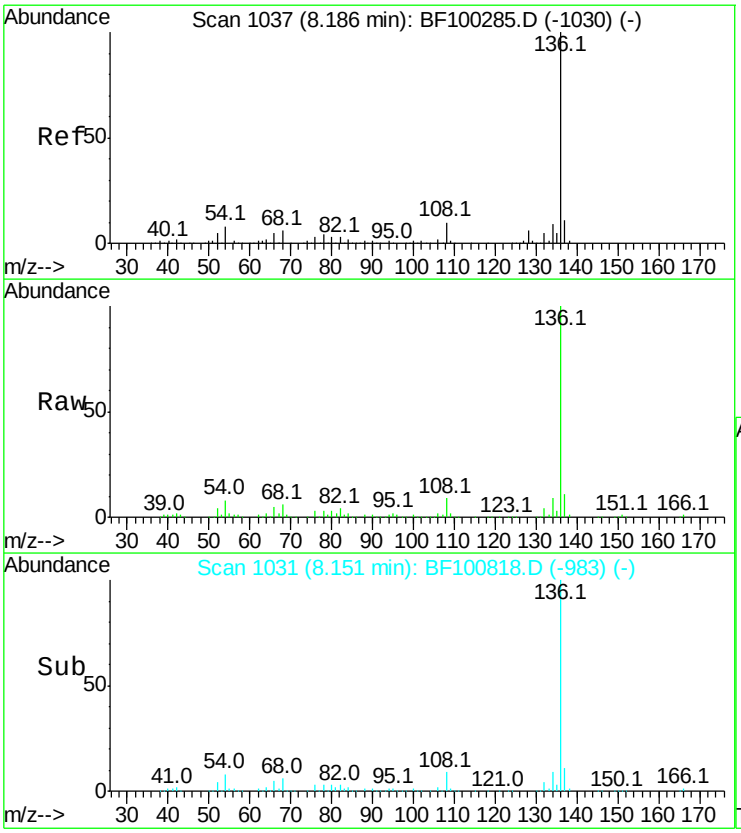
#19
n-Nitroso-di-n-propylamine
Concen: 14.406 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 66611

Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

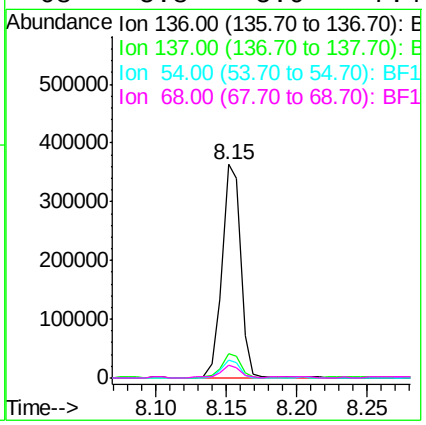


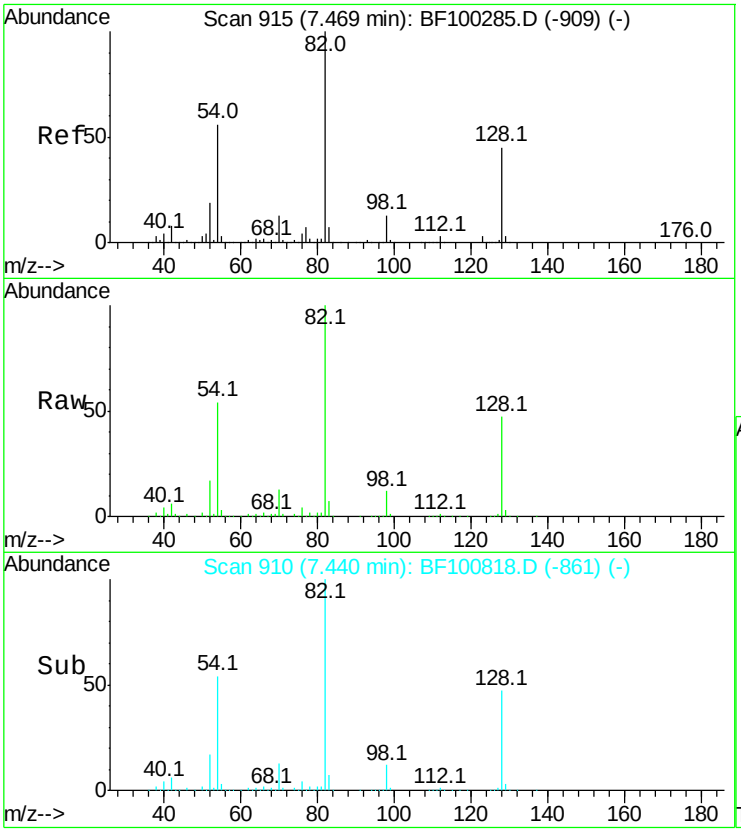


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:136 Resp: 337049

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.3	6.6	9.8
68	5.8	5.0	7.4



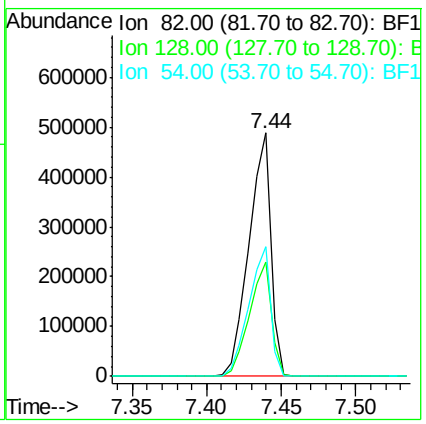


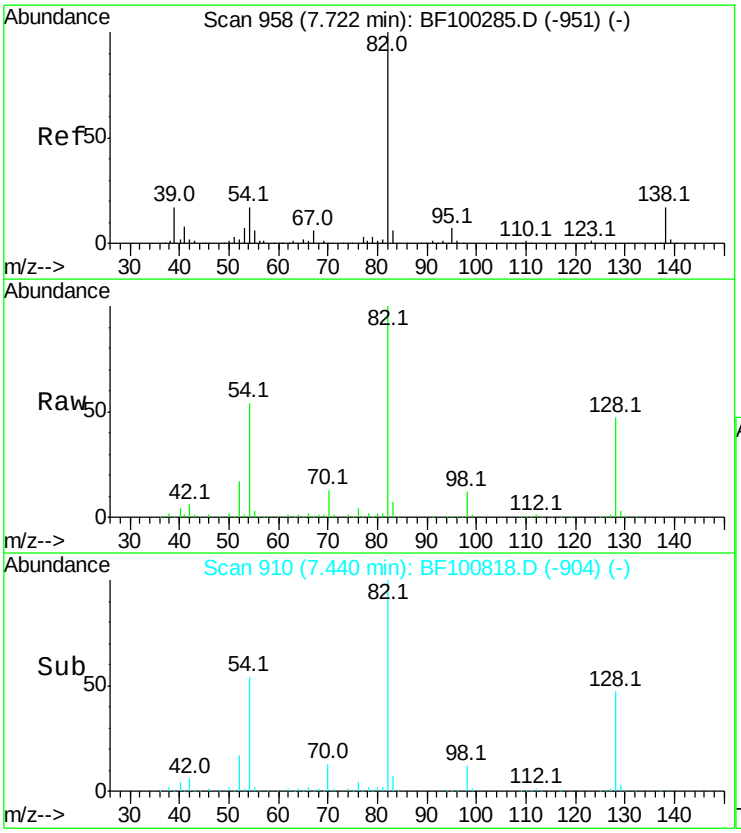
#23
Nitrobenzene-d5
Concen: 97.353 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 496308

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	53.5	41.4	62.2

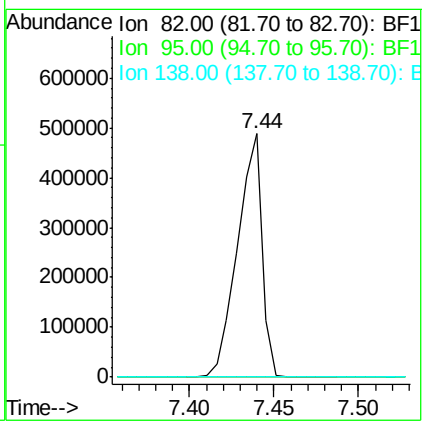


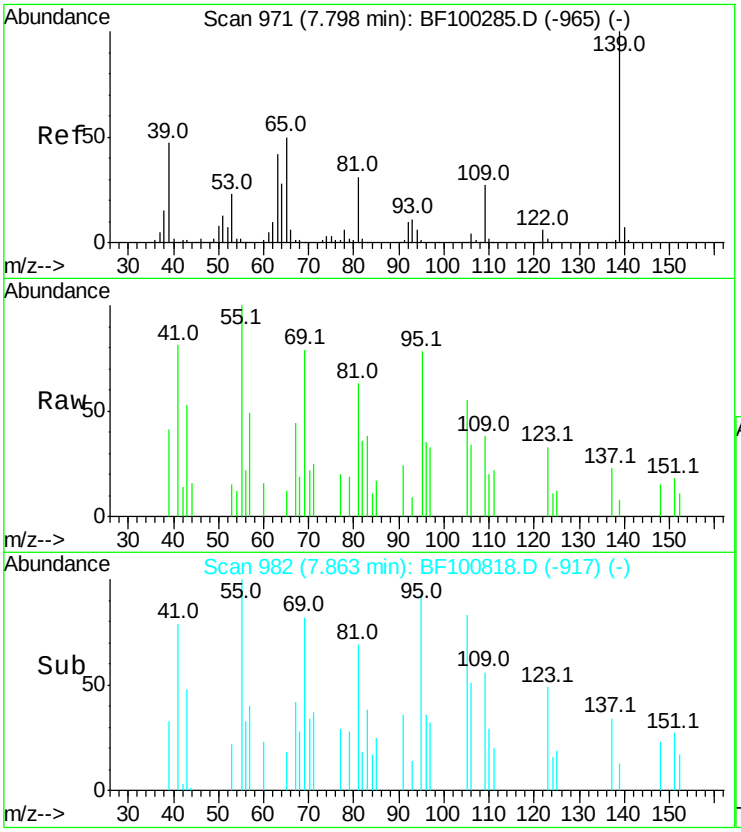


#25
Isophorone
Concen: 46.312 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion: 82 Resp: 496146

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#



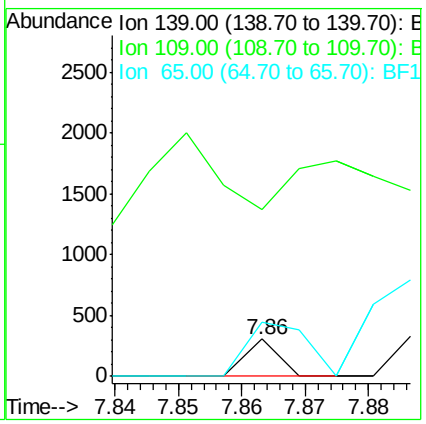


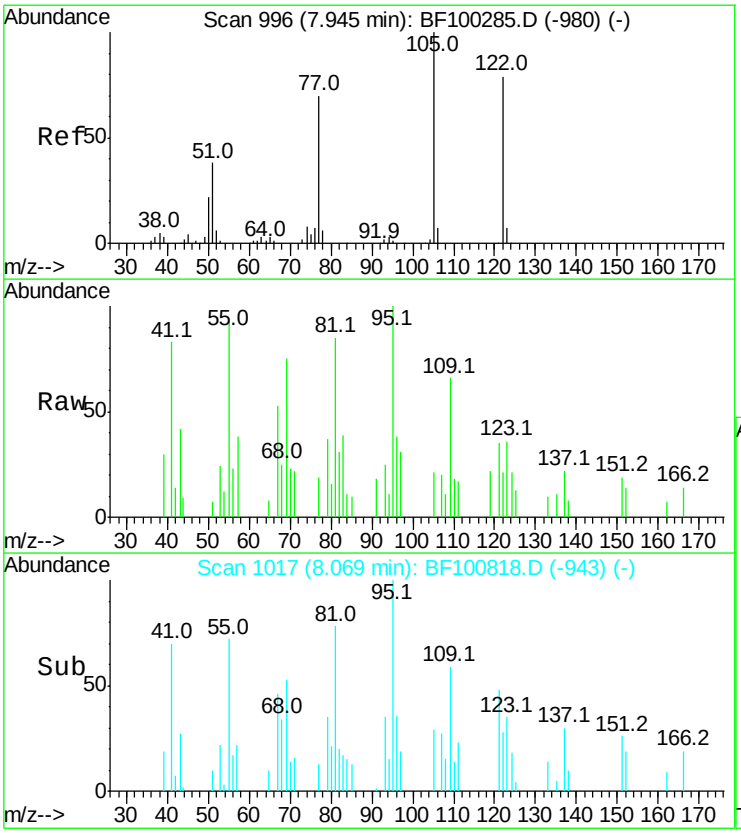
#26
2-Nitrophenol
Concen: 5.418 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.08 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 108

Ion	Ratio	Lower	Upper
139	100		
109	447.9	22.7	34.1#
65	143.6	40.5	60.7#

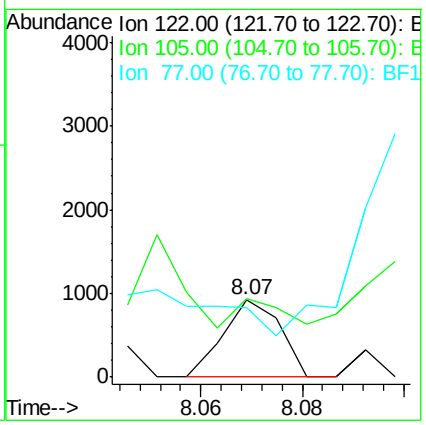


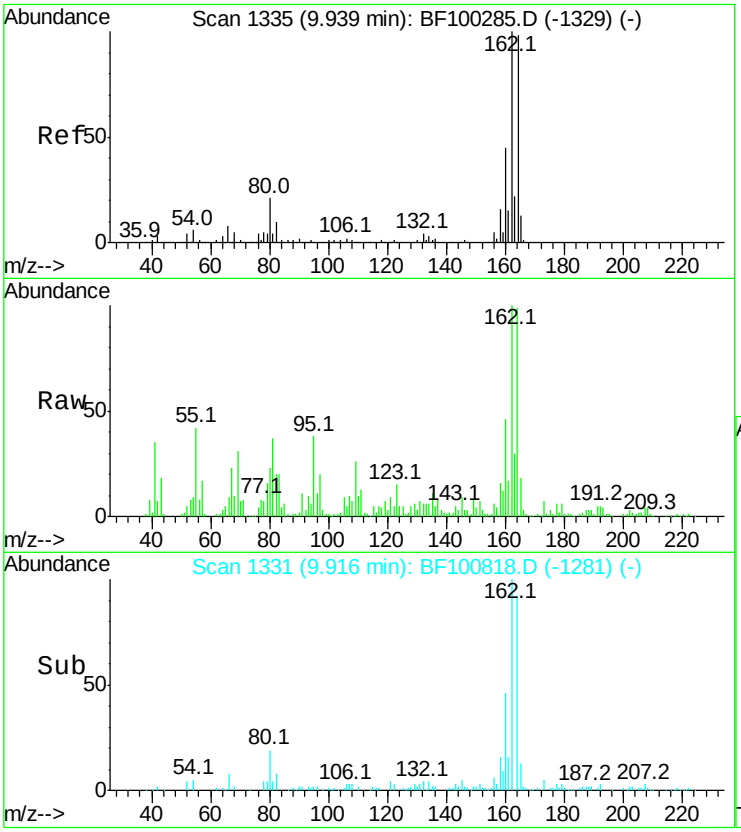


#32
Benzoic acid
Concen: 9.528 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.14 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:122 Resp: 718

Ion	Ratio	Lower	Upper
122	100		
105	102.2	101.1	141.1
77	89.2	70.7	110.7



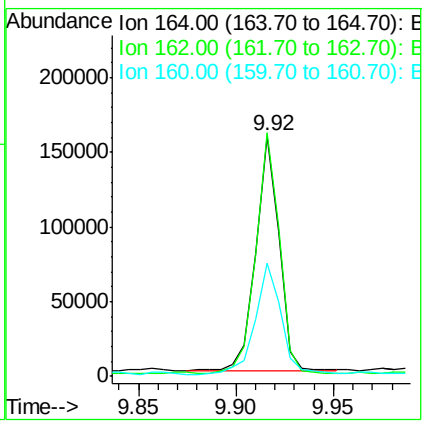


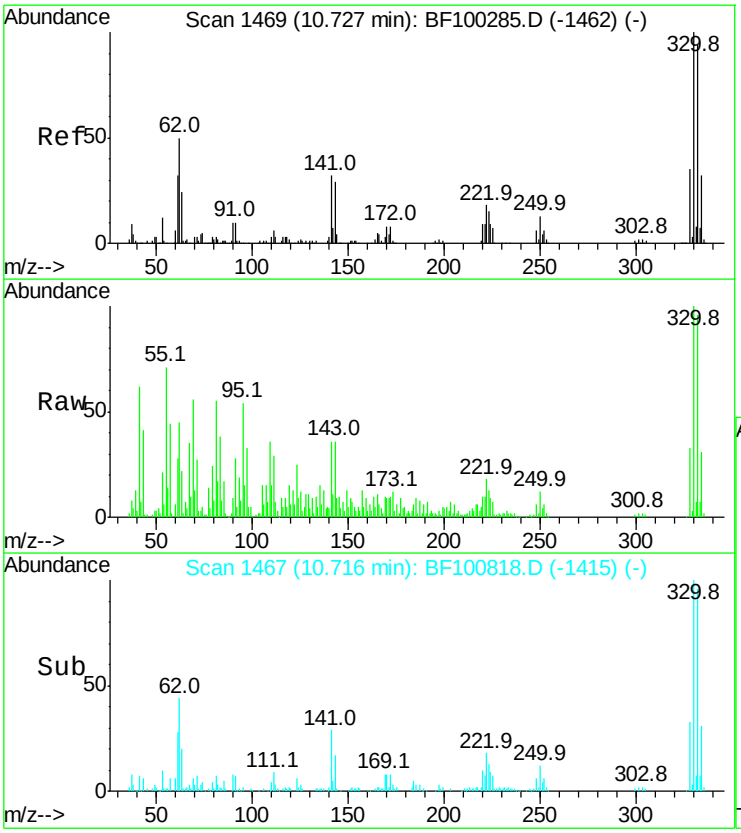
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 128947

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	47.0	38.3	57.5

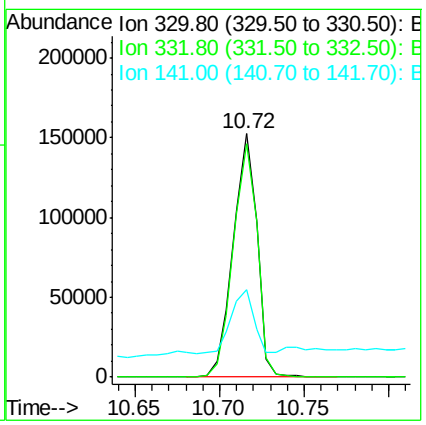


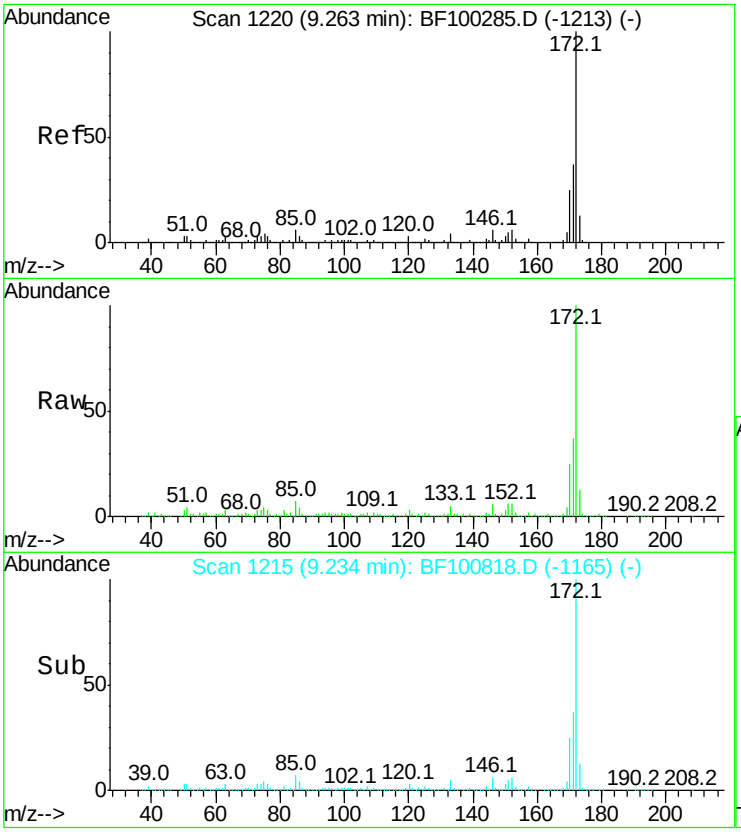


#41
2,4,6-Tribromophenol
Concen: 113.304 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:330 Resp: 148878

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	25.1	29.9	44.9#



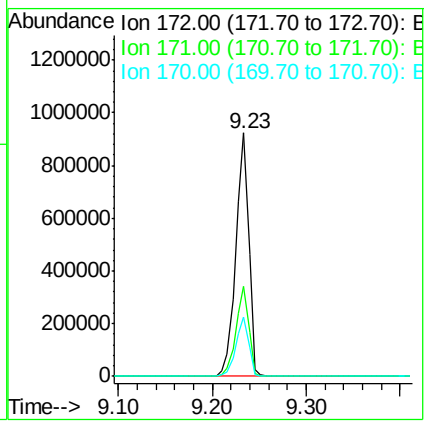


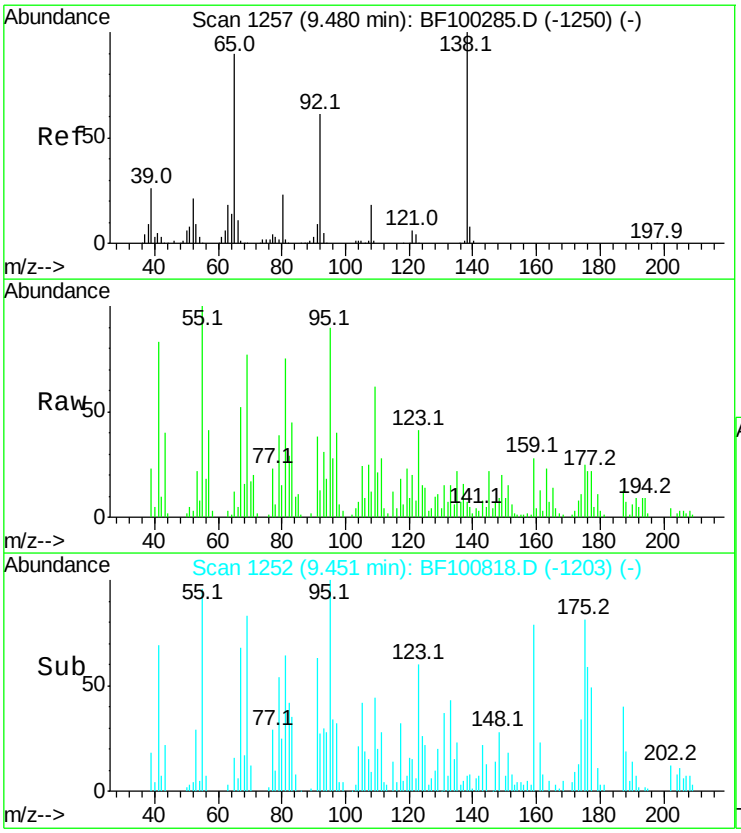
#44
2-Fluorobiphenyl
Concen: 104.376 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 883881

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4

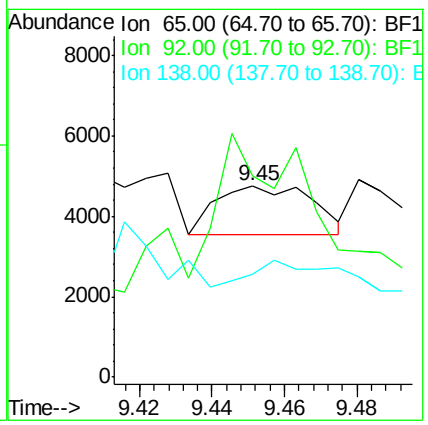


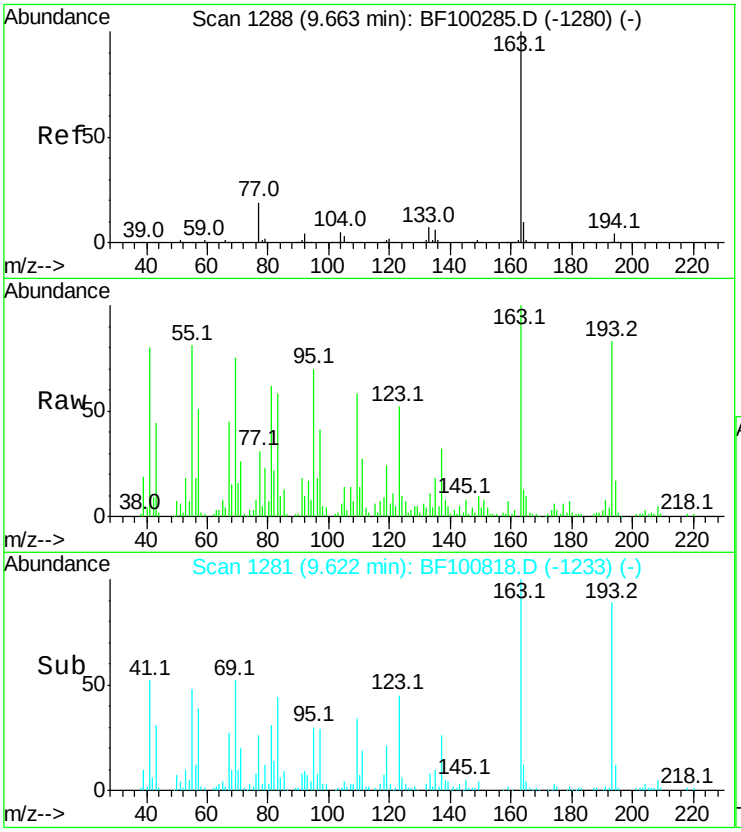


#47
2-Nitroaniline
Concen: 3.672 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion: 65 Resp: 2255

Ion	Ratio	Lower	Upper
65	100		
92	105.1	55.8	83.6#
138	53.9	91.2	136.8#



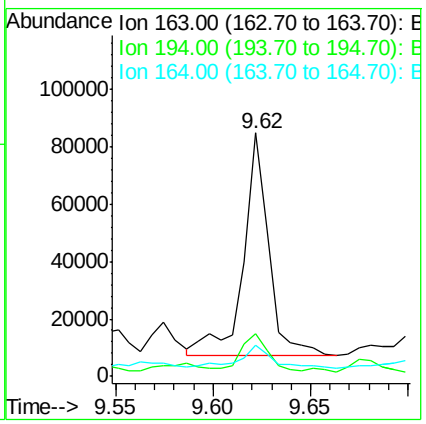


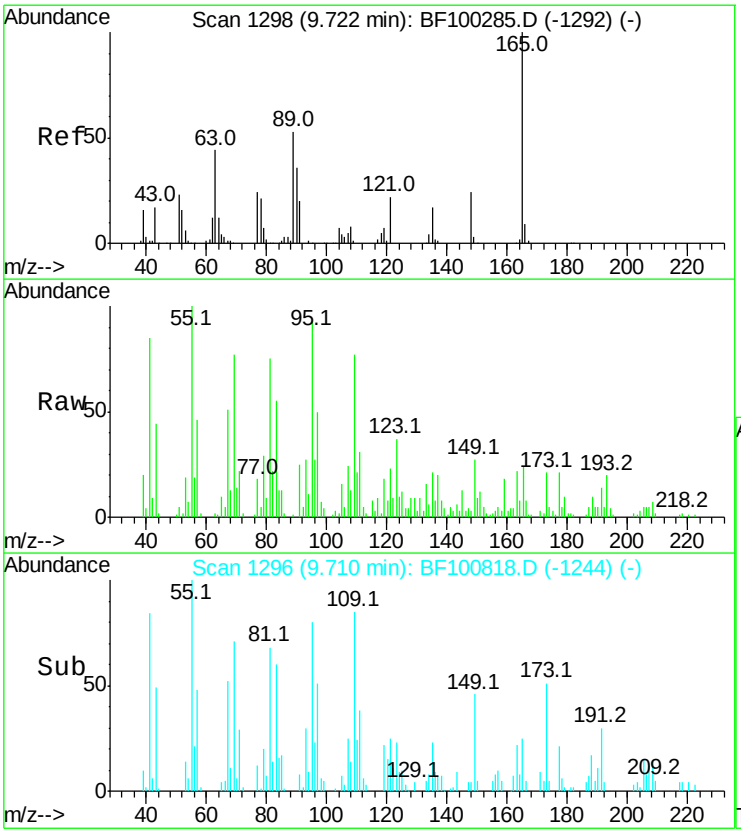
#49
Dimethylphthalate
Concen: 7.024 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 69158

Ion	Ratio	Lower	Upper
163	100		
194	17.3	2.7	4.1#
164	12.8	8.2	12.2#

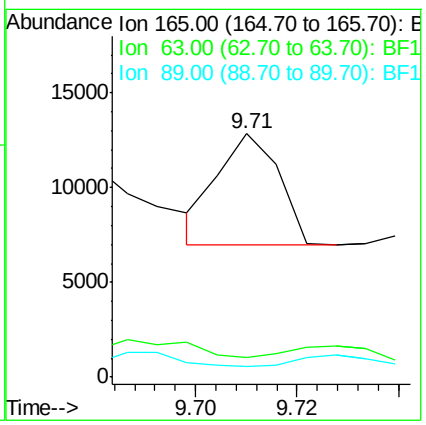


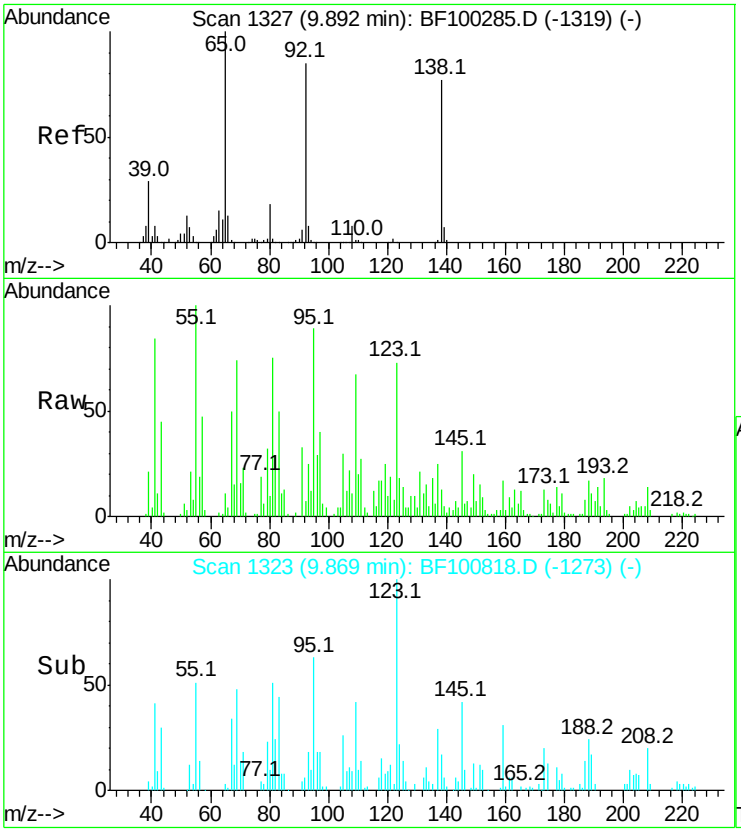


#50
2,6-Dinitrotoluene
Concen: 2.491 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:165 Resp: 4854

Ion	Ratio	Lower	Upper
165	100		
63	8.0	44.7	67.1#
89	4.5	44.0	66.0#



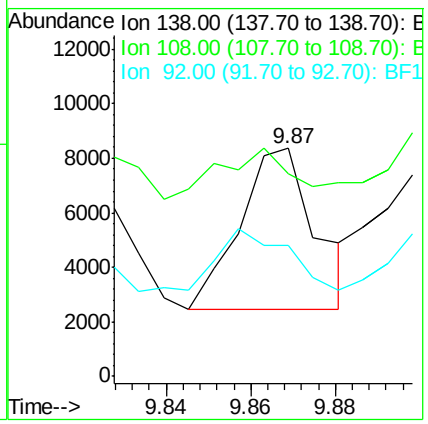


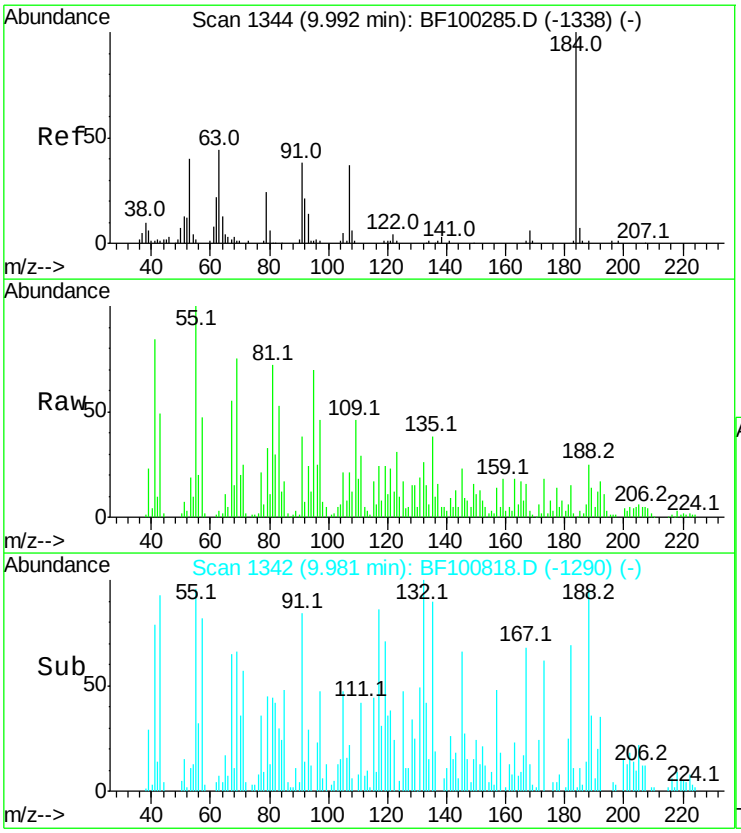
#52
3-Nitroaniline
Concen: 3.209 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 7384

Ion	Ratio	Lower	Upper
138	100		
108	89.0	9.4	14.0#
92	57.3	89.4	134.2#

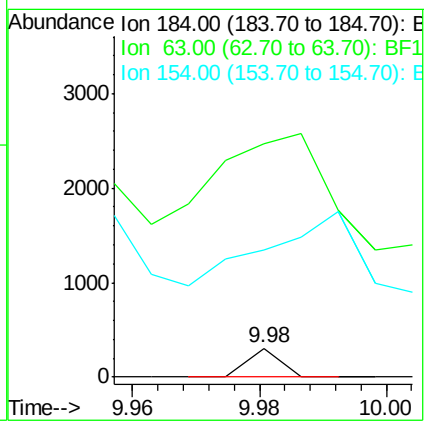


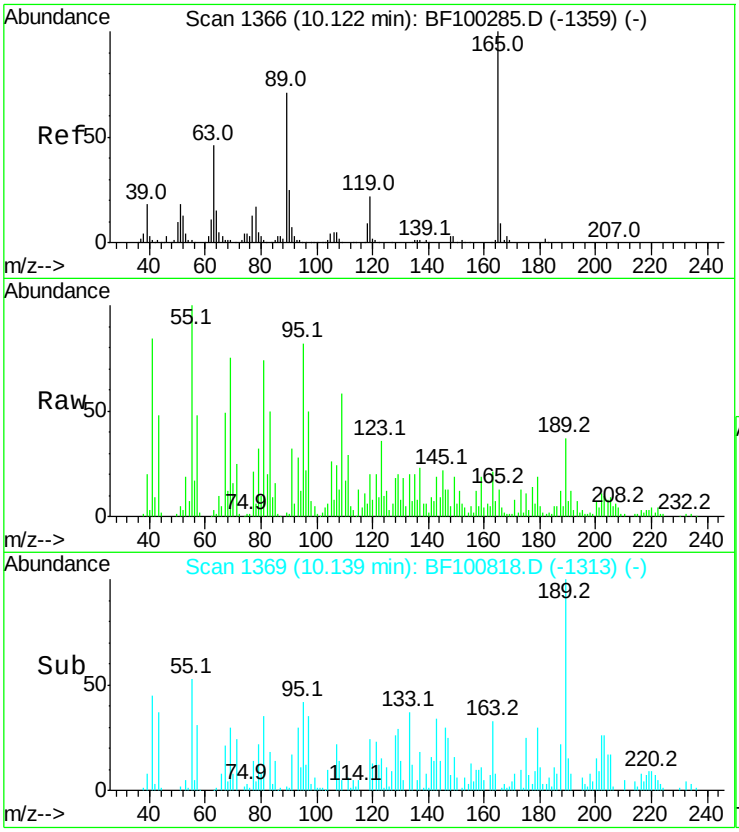


#53
2,4-Dinitrophenol
Concen: 7.989 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:184 Resp: 108

Ion	Ratio	Lower	Upper
184	100		
63	808.5	54.2	81.2#
154	441.6	184.0	276.0#



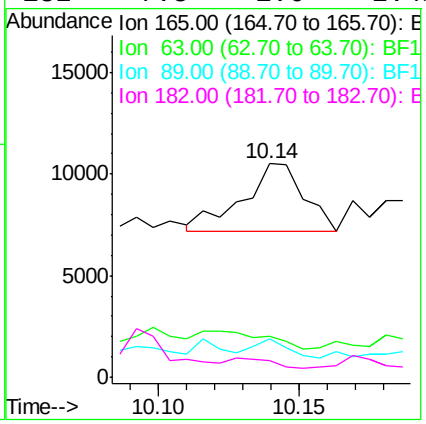


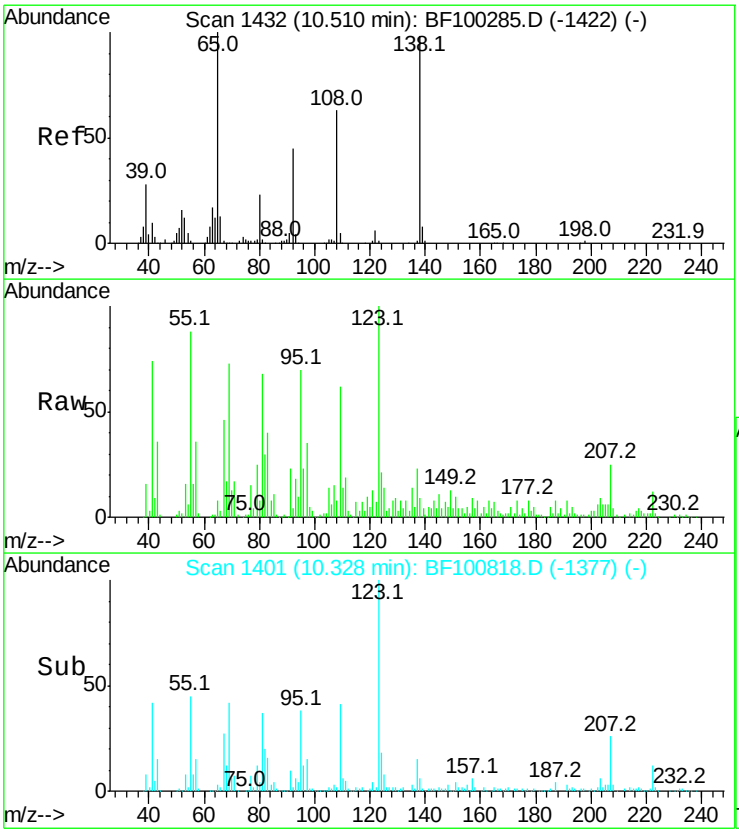
#56
2,4-Dinitrotoluene
Concen: 2.010 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.03 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 4942

Ion	Ratio	Lower	Upper
165	100		
63	19.1	36.4	54.6#
89	17.8	57.8	86.6#
182	7.8	1.6	2.4#

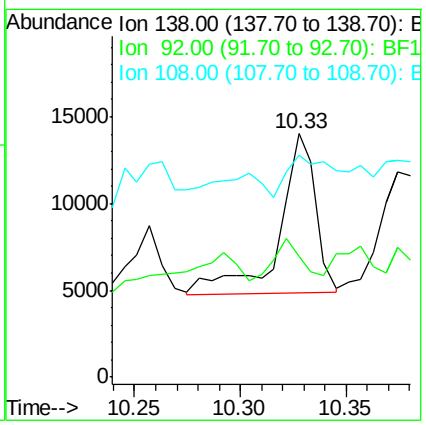


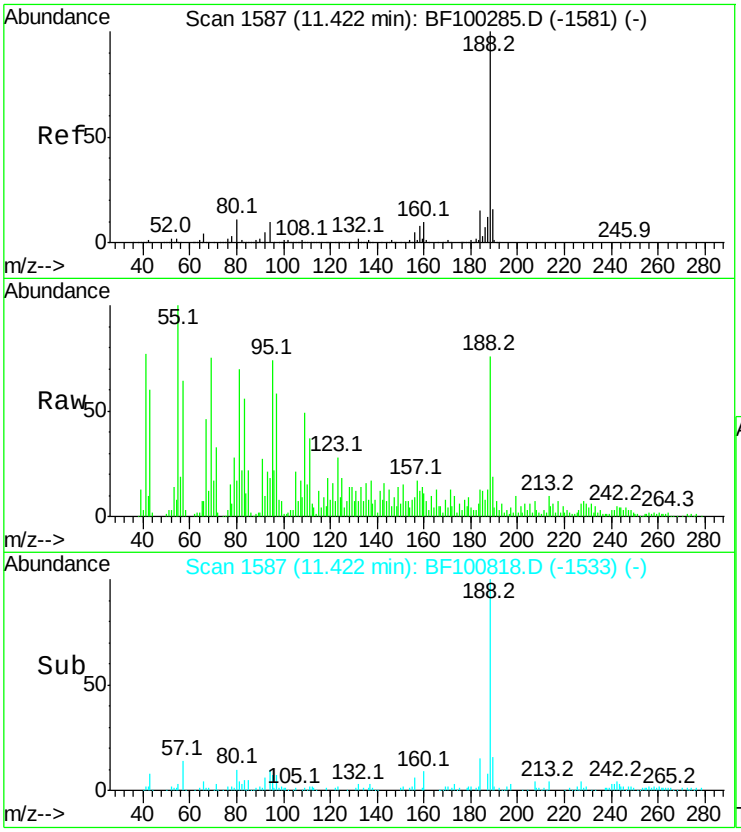


#61
4-Nitroaniline
Concen: 5.056 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.16 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:138 Resp: 11033

Ion	Ratio	Lower	Upper
138	100		
92	49.8	30.2	70.2
108	91.3	52.5	92.5



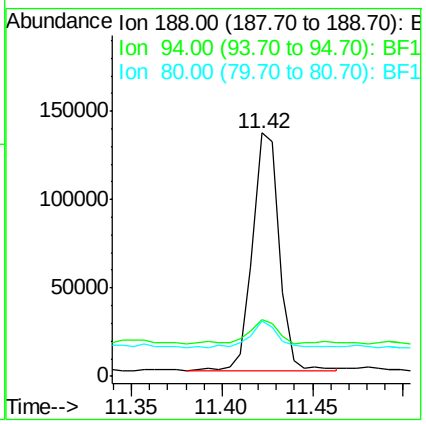


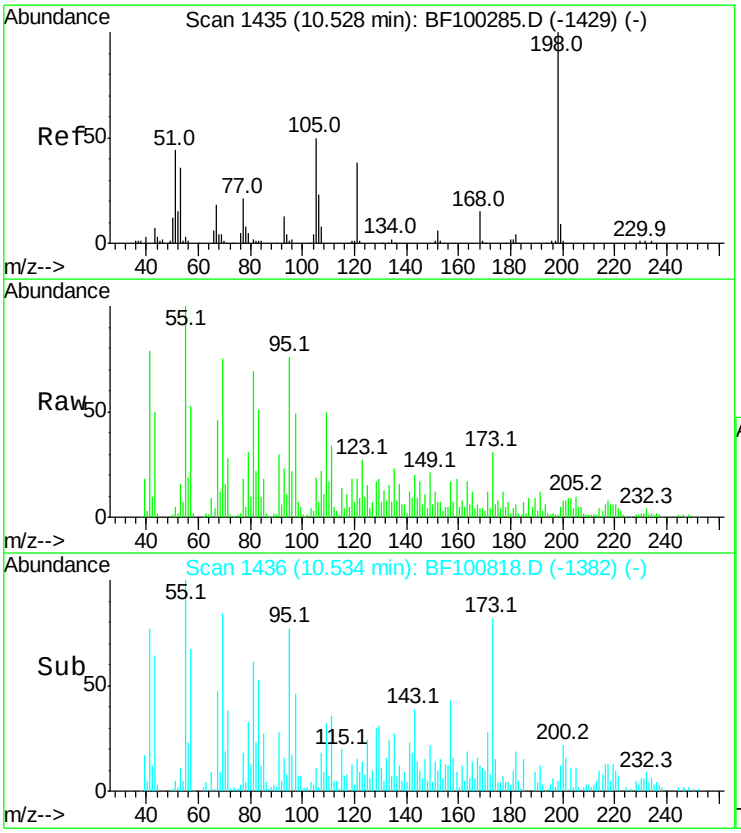
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 136730

Ion	Ratio	Lower	Upper
188	100		
94	23.3	8.5	12.7#
80	22.6	9.2	13.8#

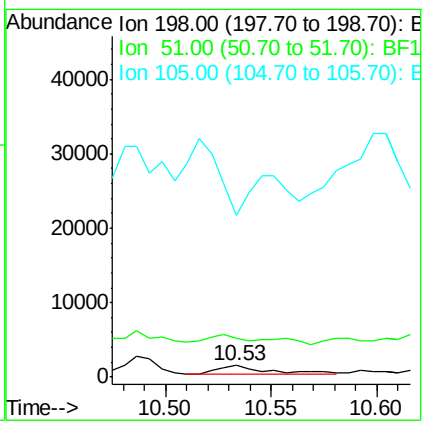


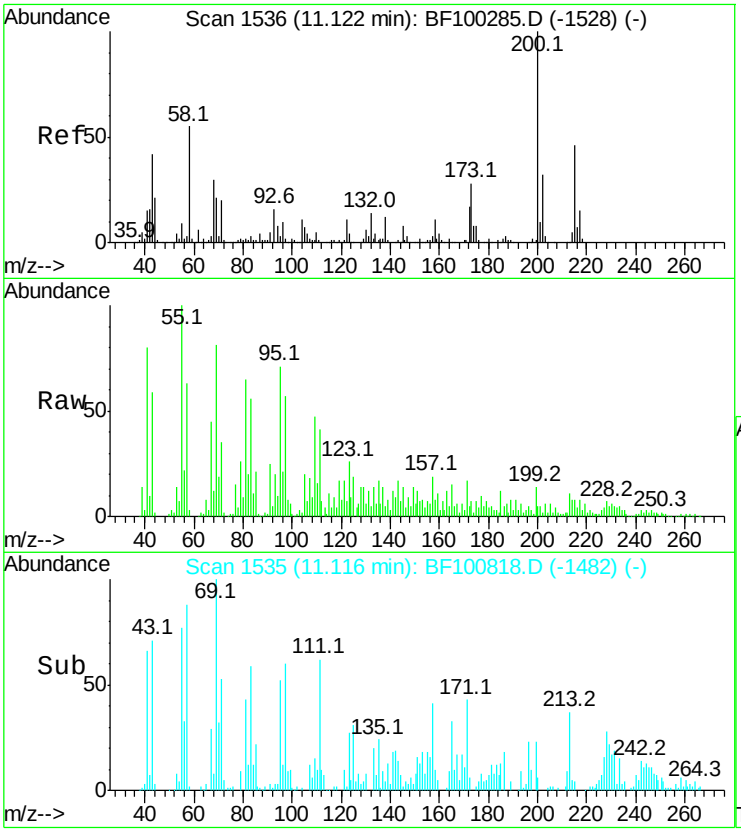


#64
4,6-Dinitro-2-methylphenol
Concen: 11.198 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:198 Resp: 2209

Ion	Ratio	Lower	Upper
198	100		
51	335.6	37.7	77.7#
105	1410.2	36.3	76.3#



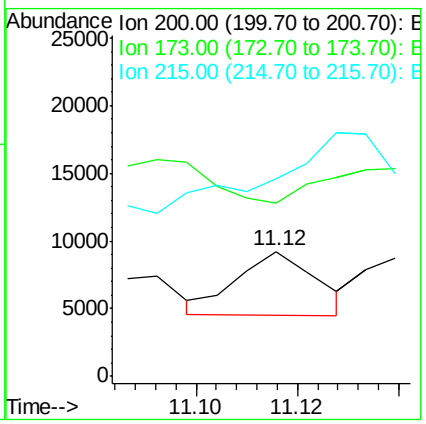


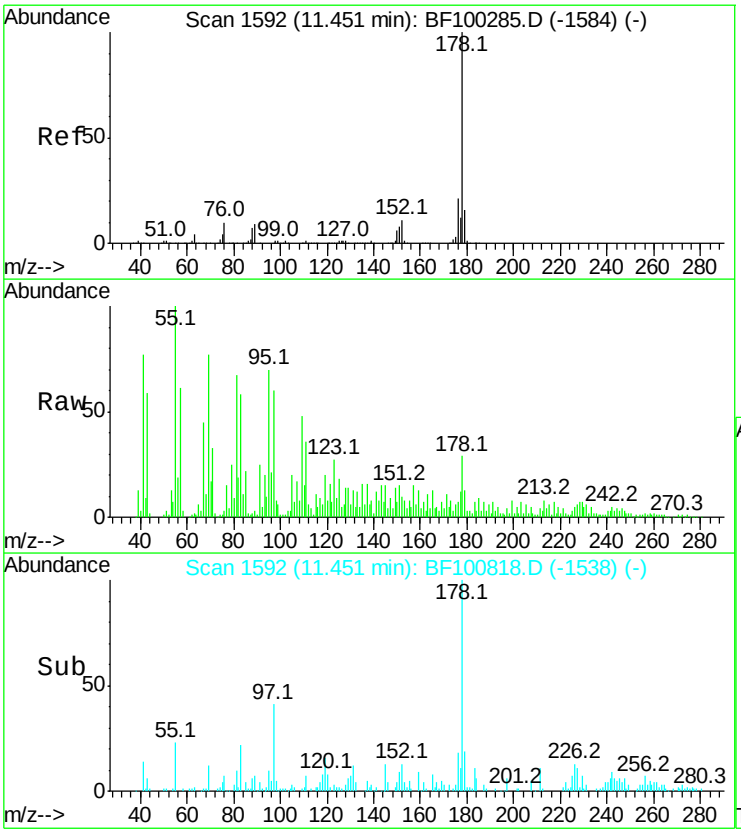
#68
Atrazine
Concen: 3.560 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 5123

Ion	Ratio	Lower	Upper
200	100		
173	137.9	8.6	48.6#
215	157.8	25.1	65.1#

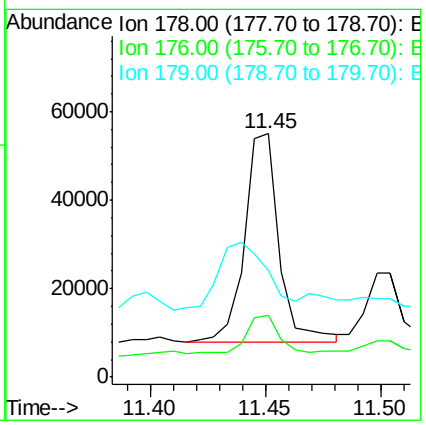


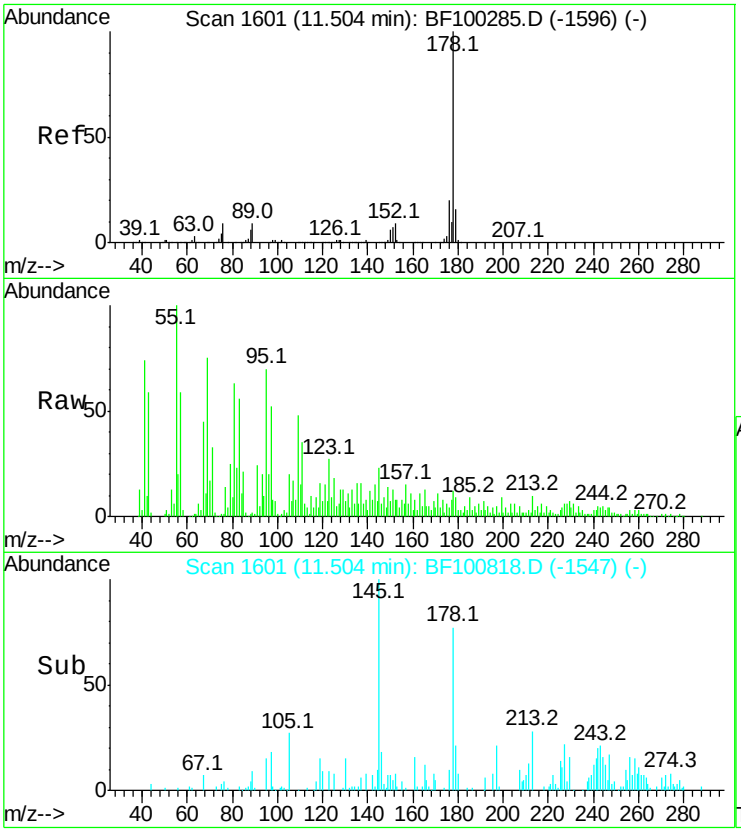


#70
Phenanthrene
Concen: 6.831 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:178 Resp: 49176

Ion	Ratio	Lower	Upper
178	100		
176	25.3	15.8	23.8#
179	43.6	13.0	19.6#



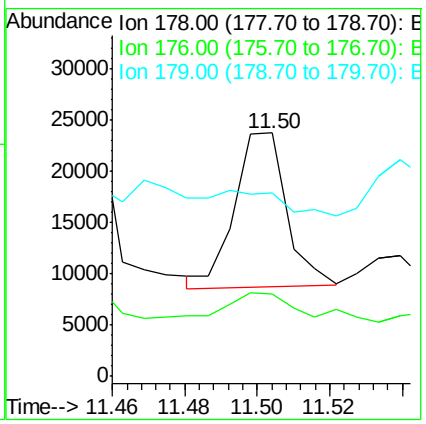


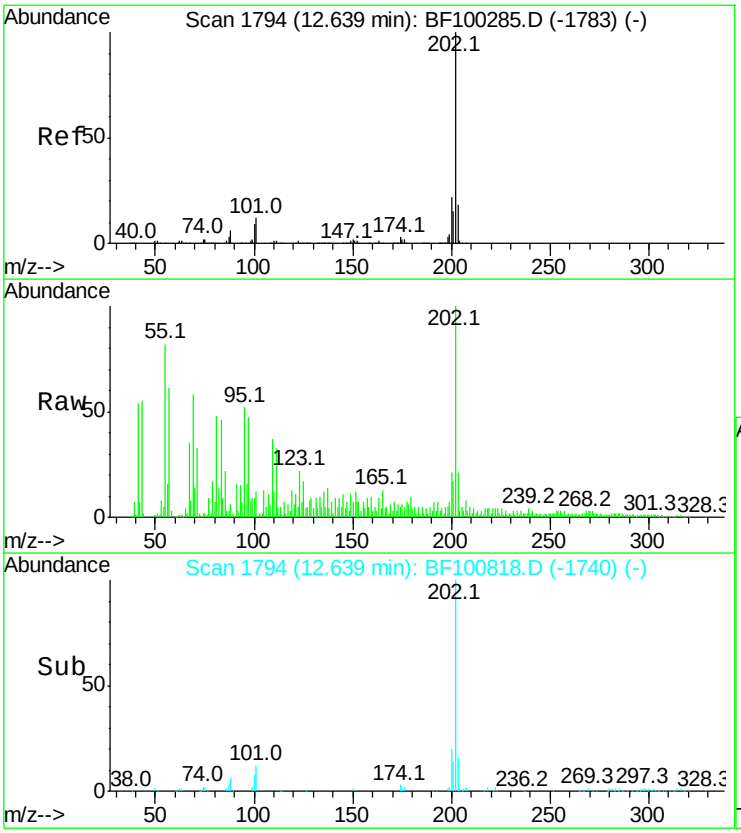
#71
Anthracene
Concen: 2.045 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 14937

Ion	Ratio	Lower	Upper
178	100		
176	34.1	15.4	23.2#
179	75.4	12.6	19.0#

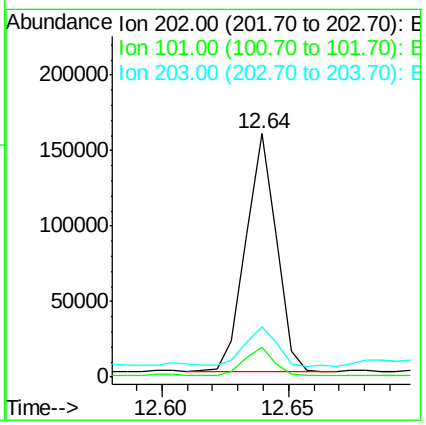


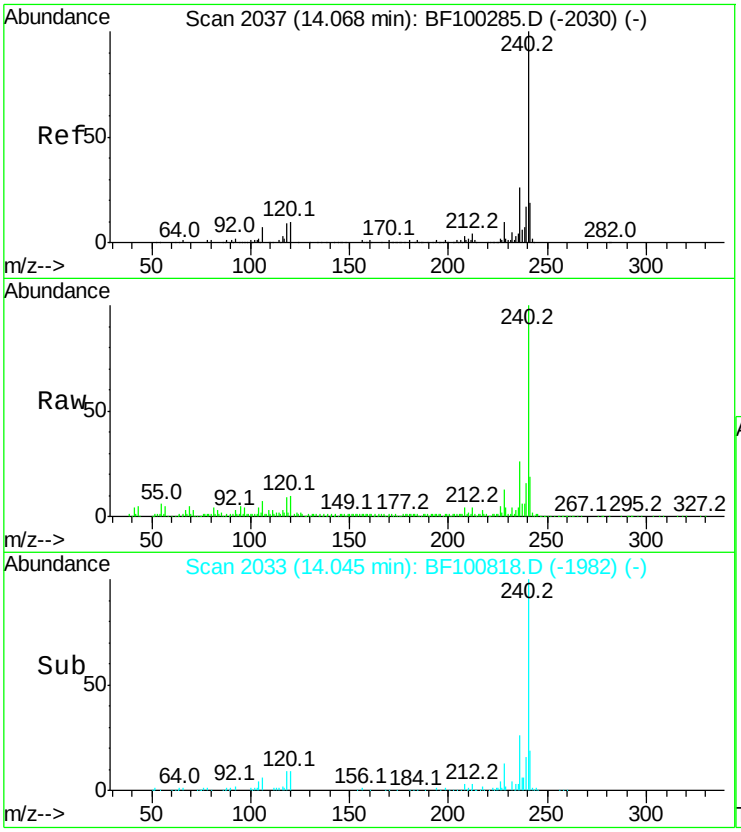


#74
Fluoranthene
Concen: 17.472 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:202 Resp: 133305

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	20.7	0.0	38.1



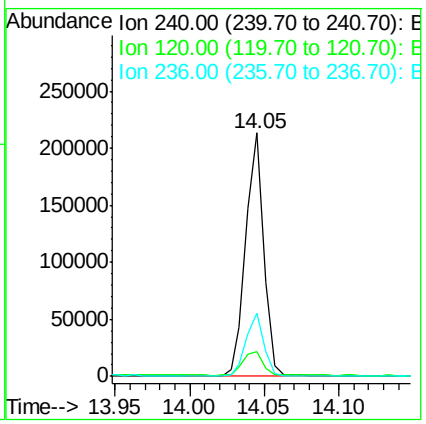


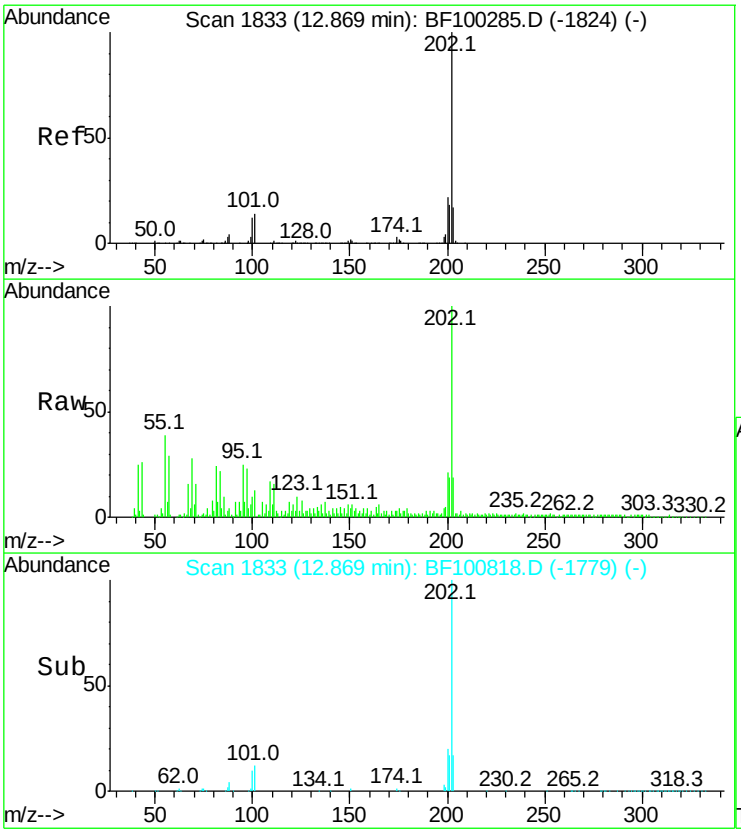
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 179974

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.0	20.7	31.1

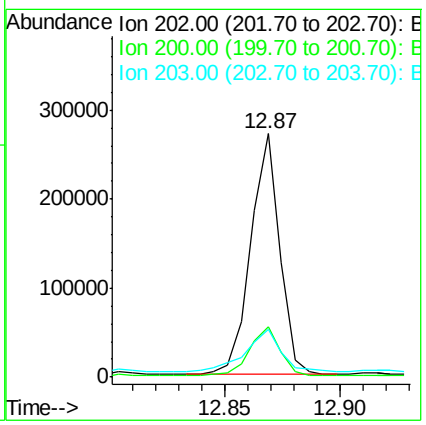


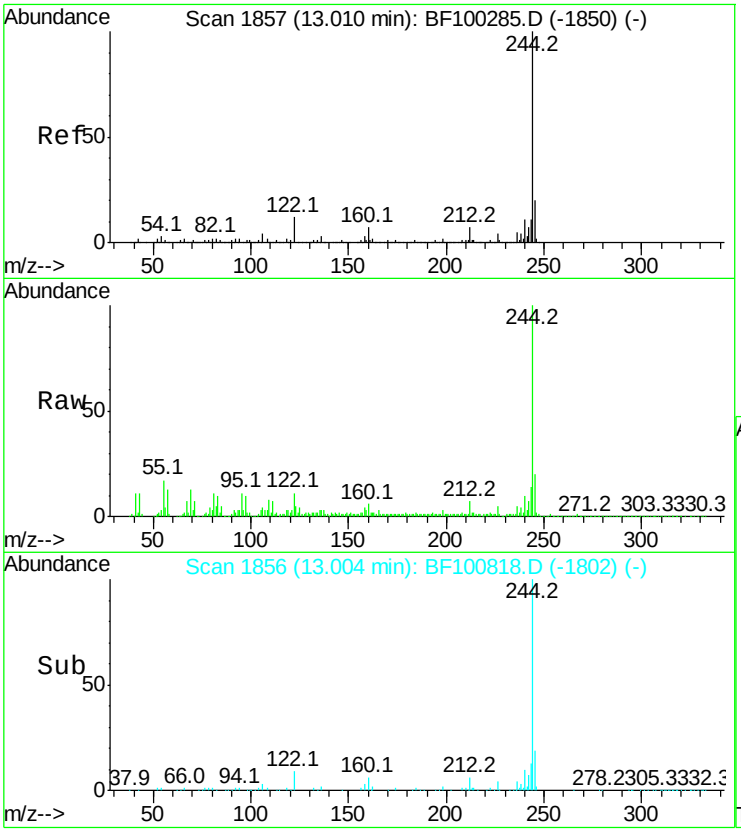


#77
Pyrene
Concen: 18.513 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:202 Resp: 237512

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	19.4	14.3	21.5



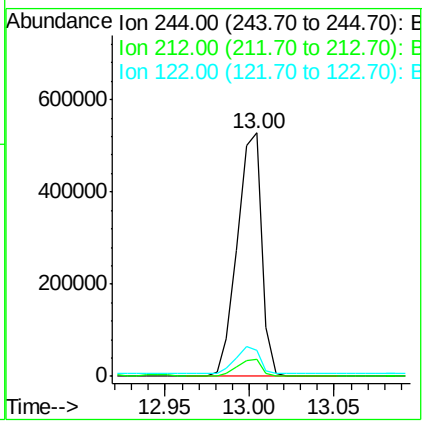


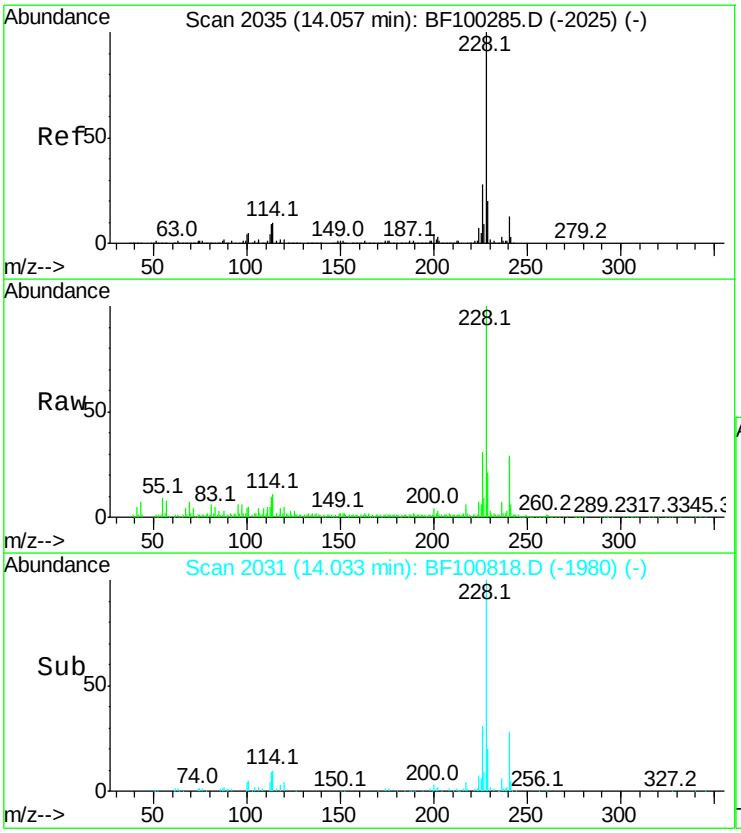
#78
Terphenyl-d14
Concen: 67.804 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 531091

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.7	11.0	16.4#

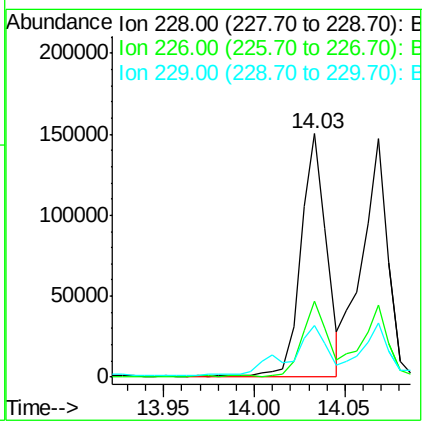


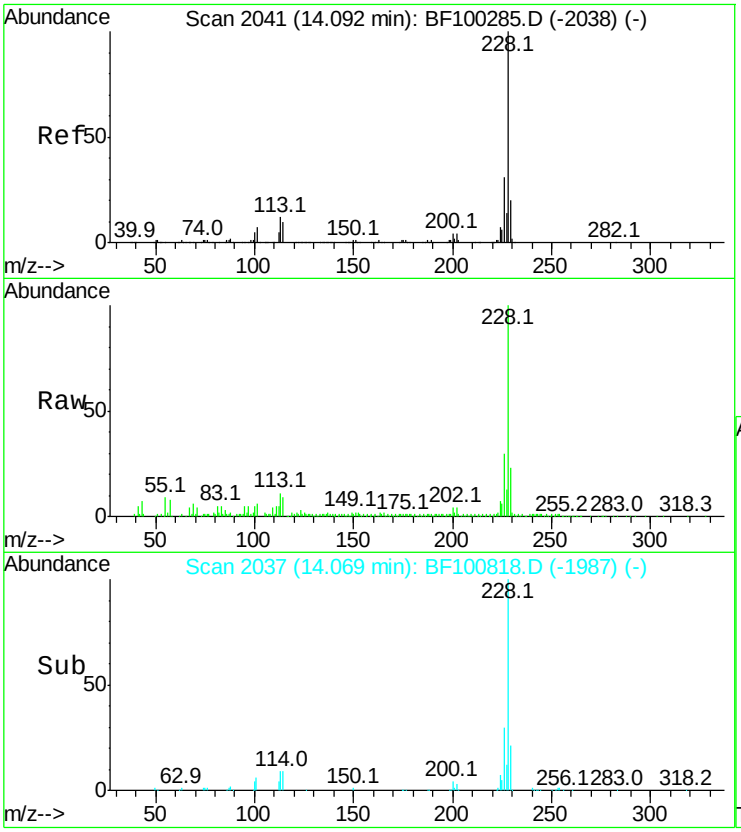


#80
Benzo(a)anthracene
Concen: 13.651 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:228 Resp: 147946

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	21.1	15.8	23.6



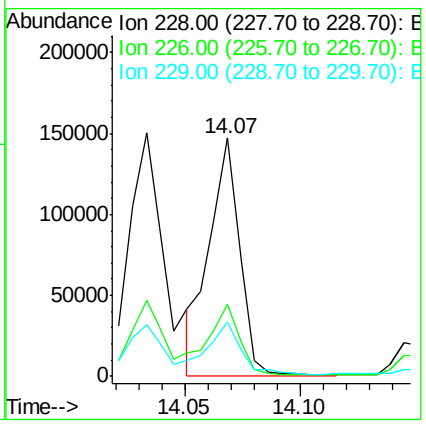


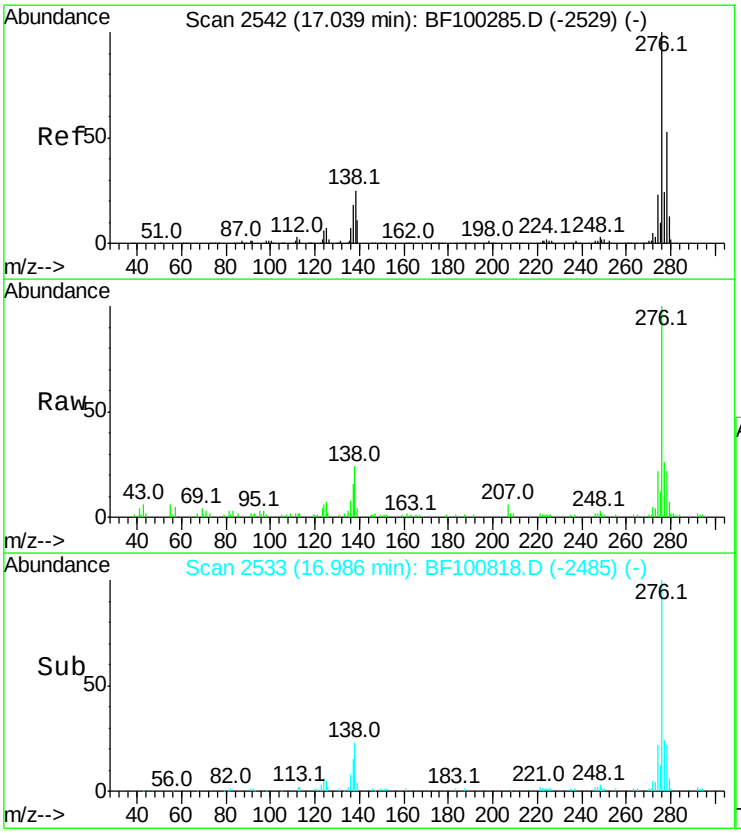
#82
Chrysene
Concen: 12.699 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 133273

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	22.6	16.2	24.4

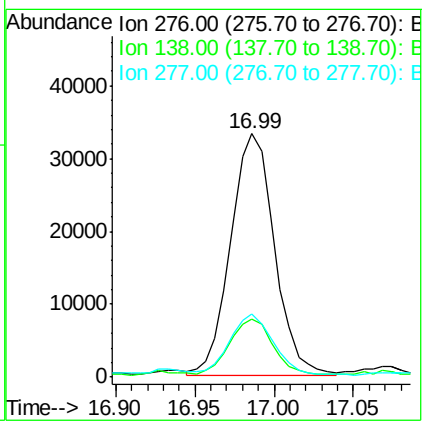


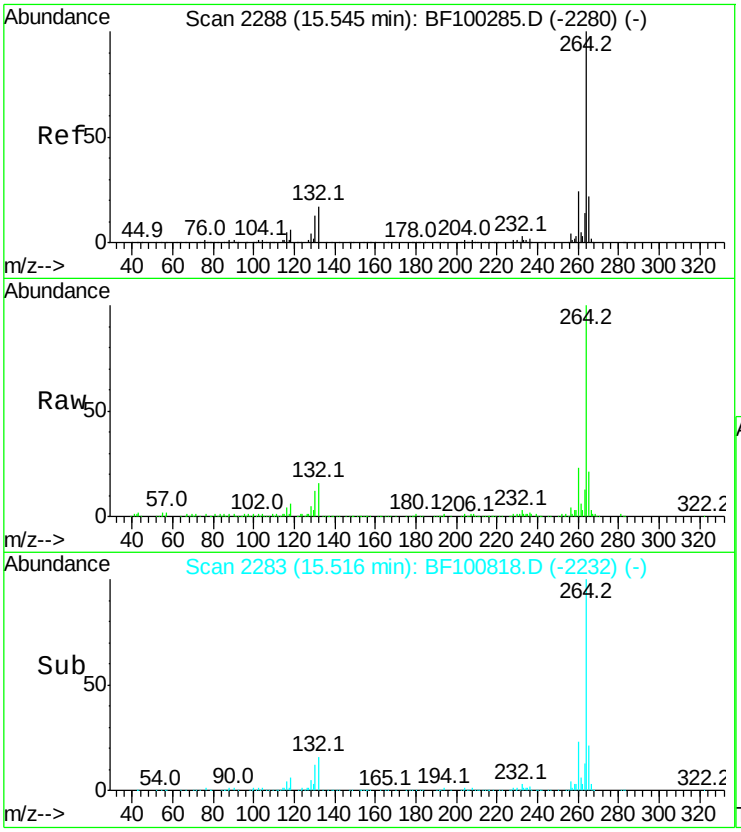


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.549 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:276 Resp: 64084

Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.0	37.6#
277	26.7	20.1	30.1



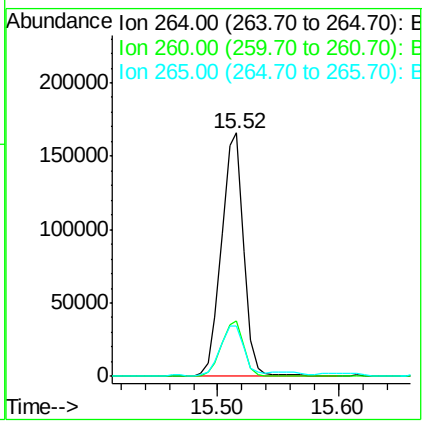


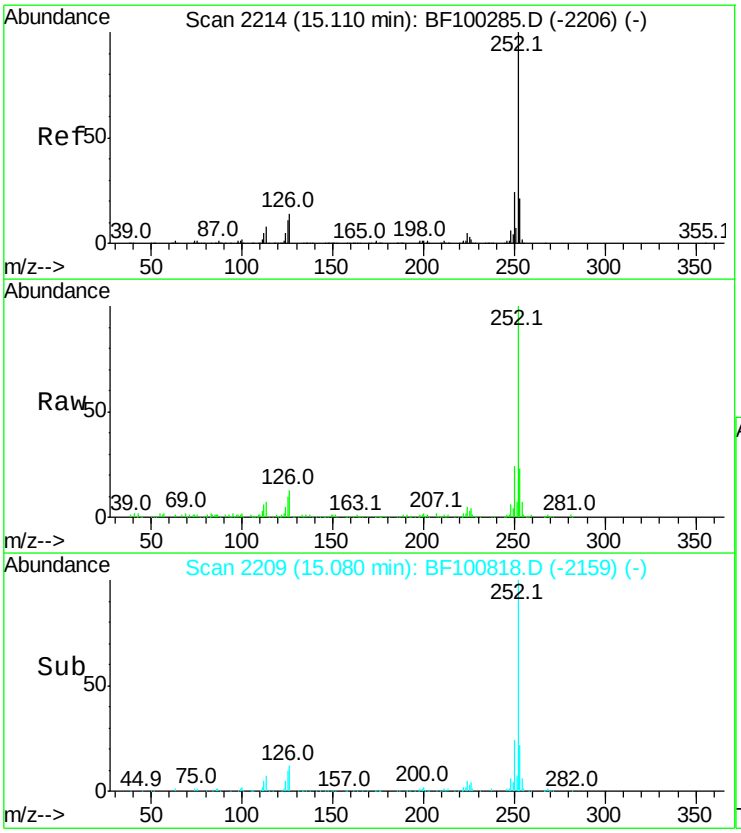
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 211129

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.9	17.5	26.3

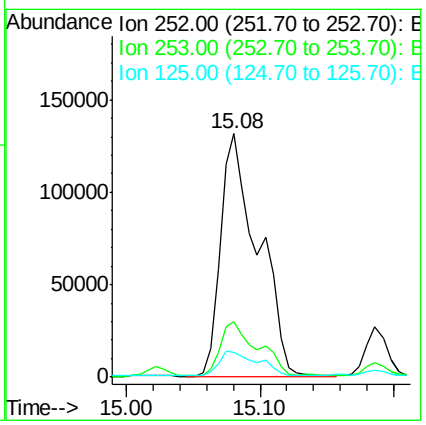


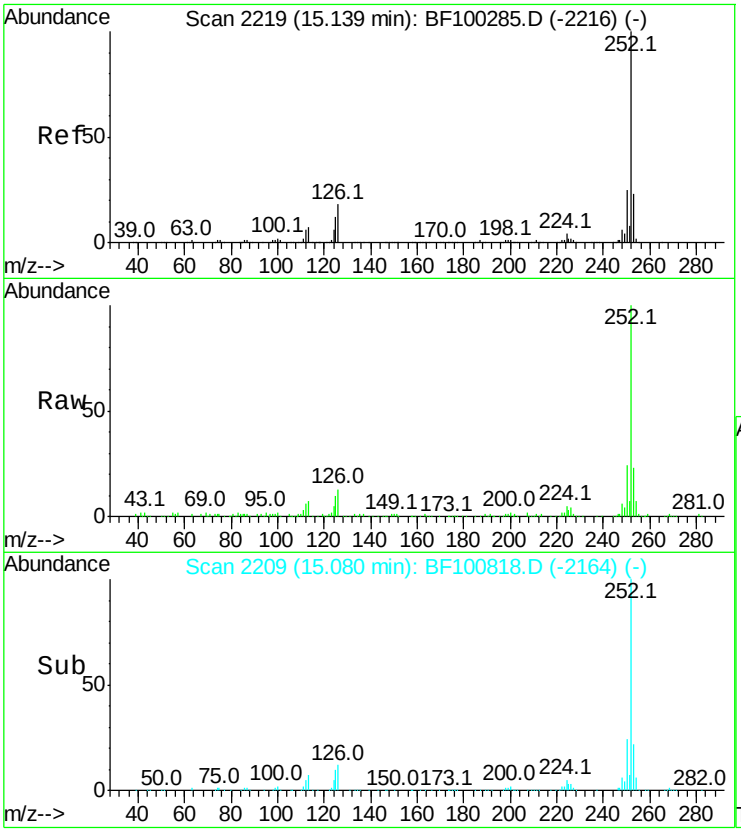


#87
Benzo(b)fluoranthene
Concen: 20.506 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:252 Resp: 256489

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.4	9.0	13.6



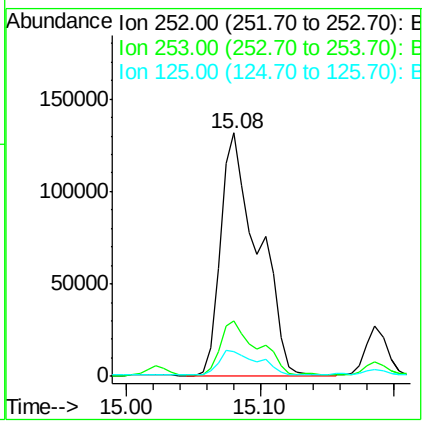


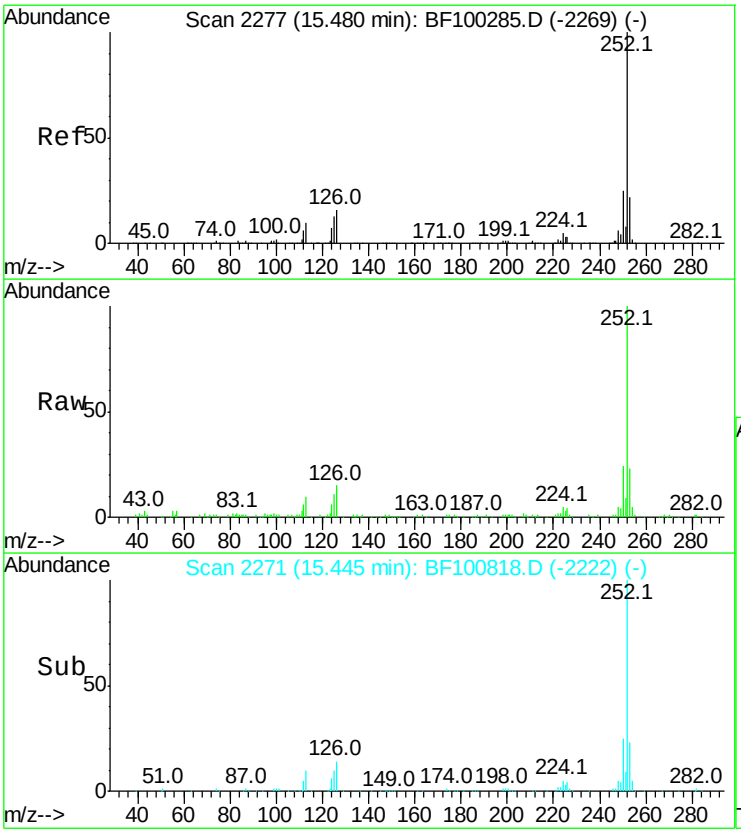
#88
Benzo(k)fluoranthene
Concen: 21.702 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 256489

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	10.4	10.2	15.2

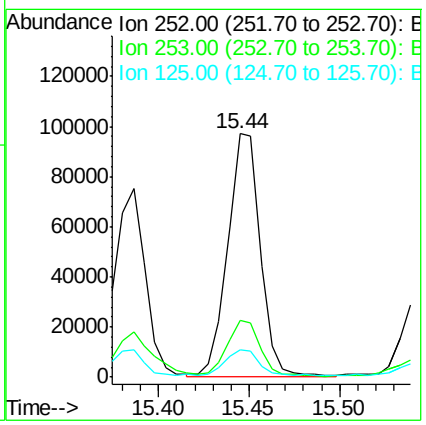


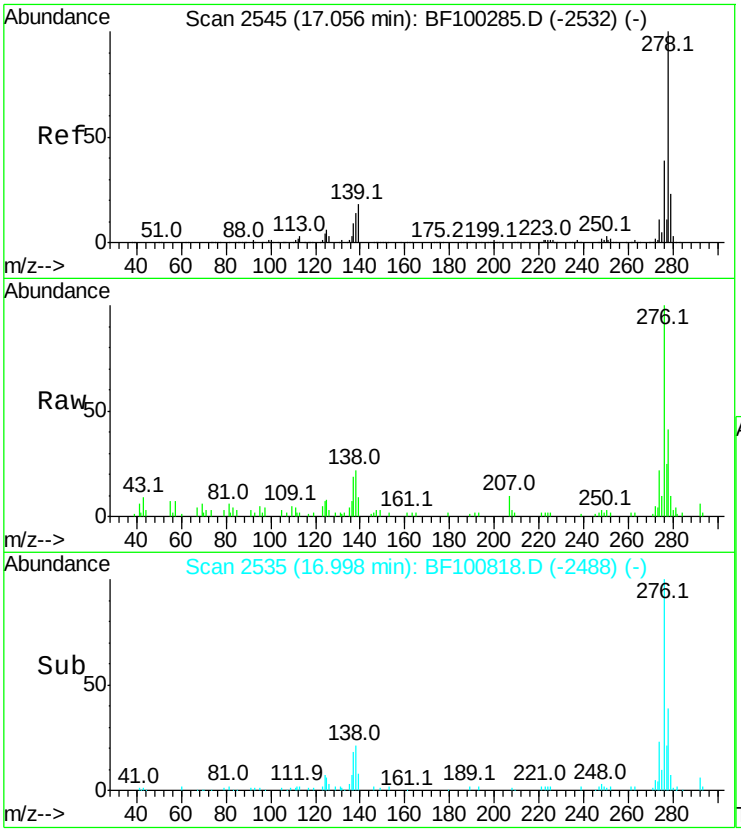


#89
Benzo(a)pyrene
Concen: 10.928 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:252 Resp: 121177

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	11.3	9.8	14.6



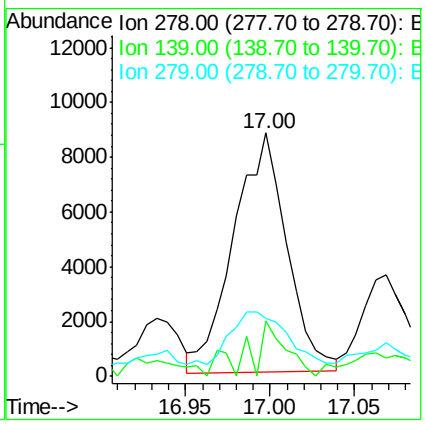


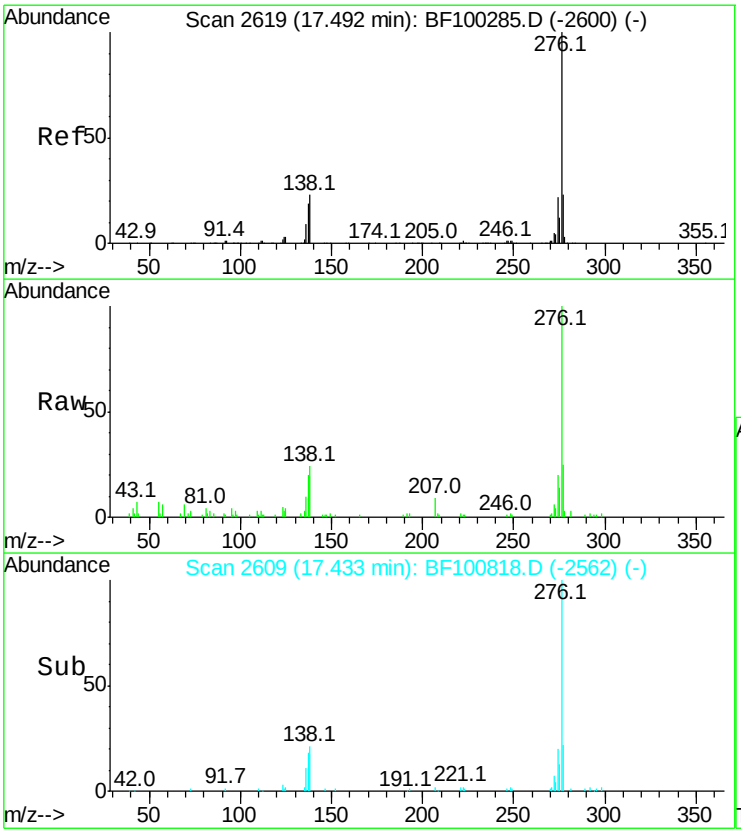
#90
Dibenzo(a,h)anthracene
Concen: 2.121 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 19231

Ion	Ratio	Lower	Upper
278	100		
139	22.9	15.9	23.9
279	23.8	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 6.430 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion:276 Resp: 57080

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	23.5	21.8	32.8