Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF103005.D
Acq On : 14 Feb 2018 23:18
Operator : SJ/JU
Sample : J1537-02RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 15 02:10:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	164816	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	682716	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	273359	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	399823	20.00	ng		0.00
75) Chrysene-d12	14.05	240	280758	20.00	ng		0.01
86) Perylene-d12	15.53	264	232181	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1130476	104.17	ng		0.01
7) Phenol-d6	6.51	99	1342097	102.71	ng		0.01
23) Nitrobenzene-d5	7.44	82	821486	83.47	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	211505	96.13	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1248793	75.80	ng		0.00
78) Terphenyl-d14	12.99	244	871780	73.52	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	35679	2.55	ng		94
19) n-Nitroso-di-n-propylamine	7.44	70	110420	12.82	ng	#	80
25) Isophorone	7.44	82	821478	36.25	ng	#	64
32) Benzoic acid	7.88	122	110	8.56	ng	#	19
47) 2-Nitroaniline	9.44	65	744	3.60	ng	#	2
48) Acenaphthylene	9.77	152	181659	6.45	ng		99
49) Dimethylphthalate	9.62	163	82983	3.89	ng		100
51) Acenaphthene	9.95	154	54392	3.23	ng		95
54) Dibenzofuran	10.12	168	60686	2.56	ng	#	94
55) 4-Nitrophenol	10.02	139	1161	4.29	ng	#	44
56) 2,4-Dinitrotoluene	10.07	165	2360	3.48	ng	#	39
57) Fluorene	10.46	166	70826	4.10	ng		98
64) 4,6-Dinitro-2-methylphenol	10.70	198	455	9.05	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	14088	3.33	ng	#	1
70) Phenanthrene	11.43	178	739473	33.21	ng		99
71) Anthracene	11.48	178	253606	11.20	ng		99
74) Fluoranthene	12.63	202	1345682	60.07	ng		98
77) Pyrene	12.86	202	1281979	58.23	ng		99
80) Benzo(a)anthracene	14.07	228	617389	34.97	ng		95
82) Chrysene	14.07	228	617389	34.69	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	271856	18.42	ng		96
87) Benzo(b)fluoranthene	15.10	252	976902	64.90	ng	#	95
88) Benzo(k)fluoranthene	15.10	252	976902	67.92	ng		98
89) Benzo(a)pyrene	15.47	252	484569	35.76	ng		96
90) Dibenzo(a,h)anthracene	17.04	278	68669	6.24	ng	#	88
91) Benzo(g,h,i)perylene	17.50	276	249260	23.16	ng		99

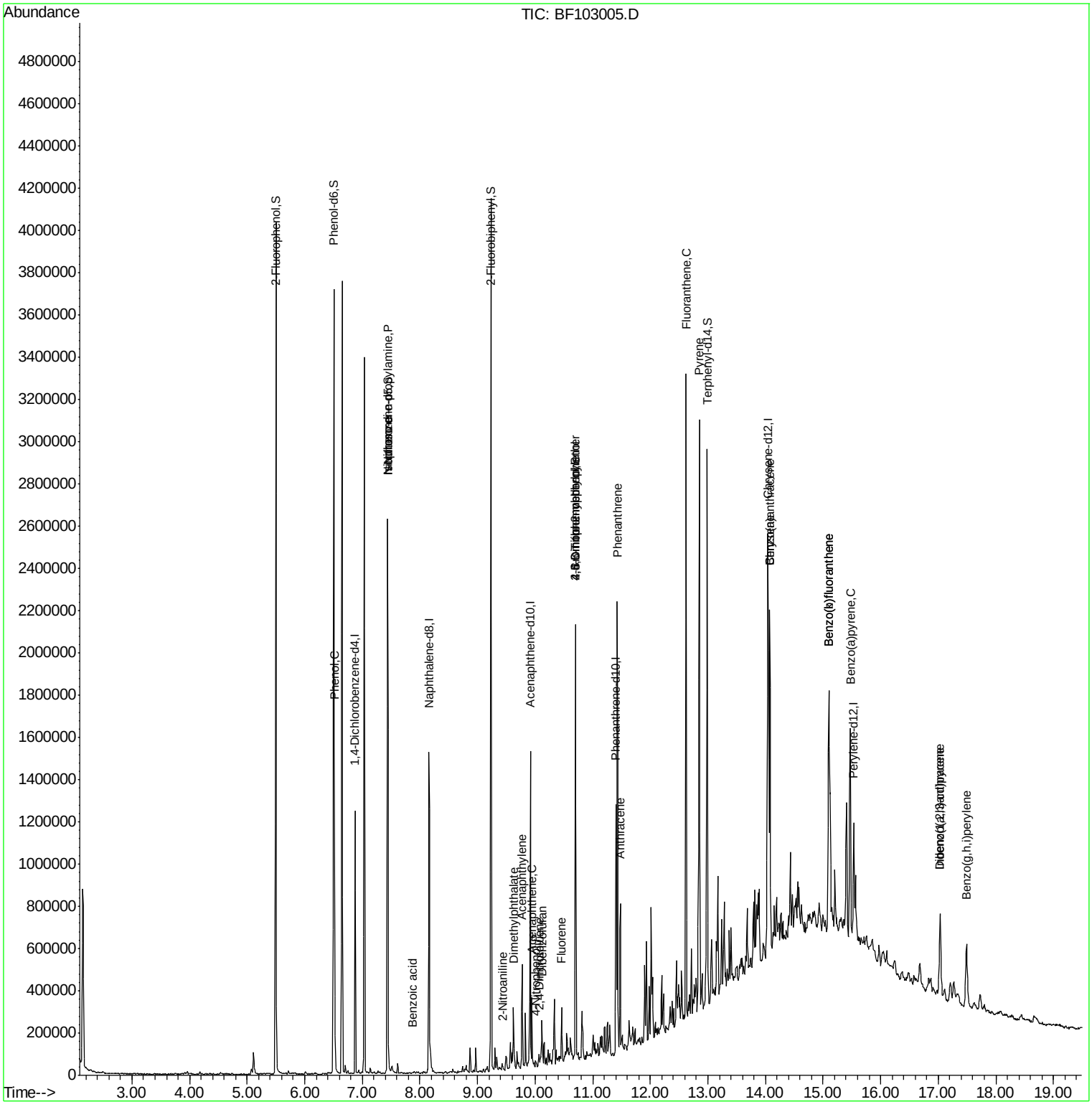
(#) = qualifier out of range (m) = manual integration (+) = signals summed

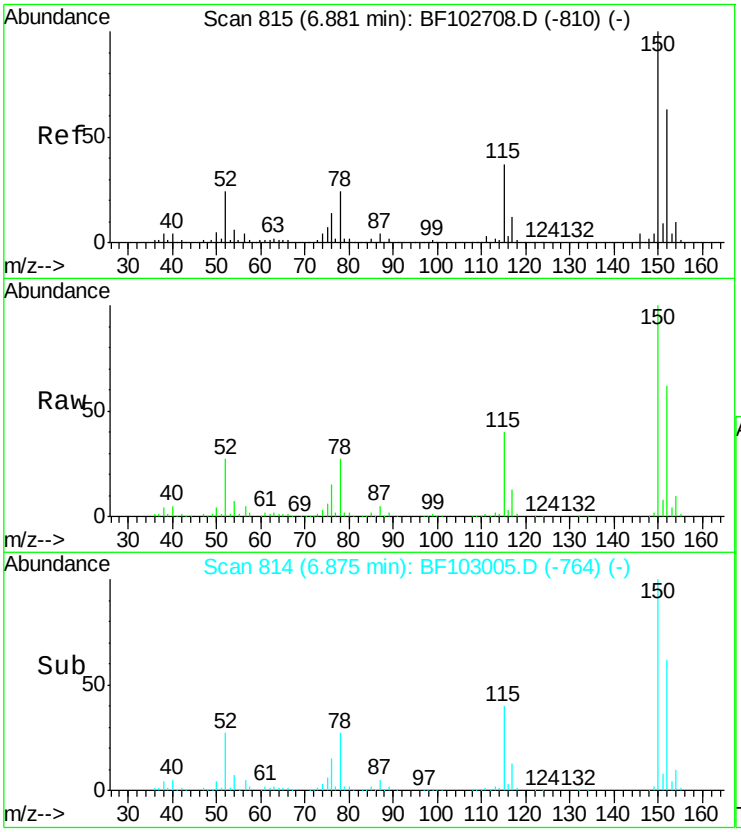
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF103005.D
Acq On : 14 Feb 2018 23:18
Operator : SJ/JU
Sample : J1537-02RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 15 02:10:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

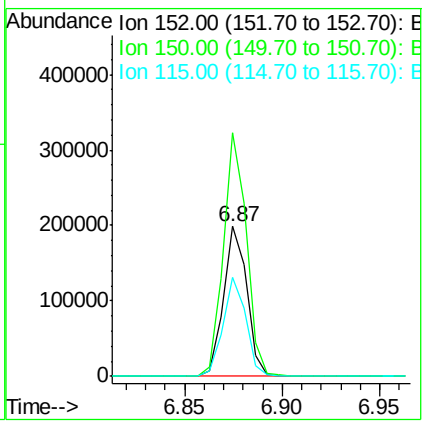




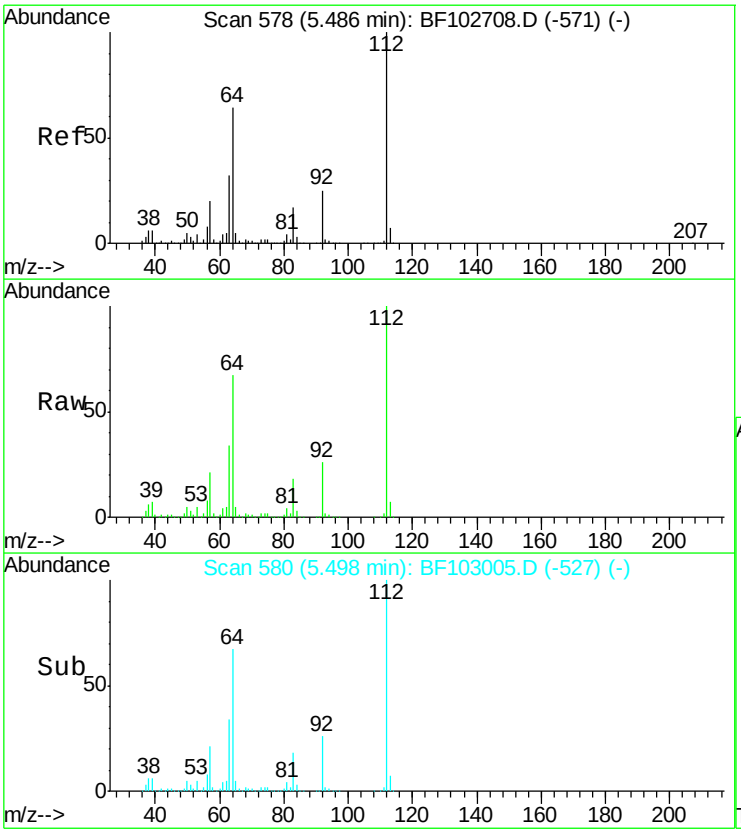
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:152 Resp: 164816

Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.6	186.8
115	65.7	50.1	75.1



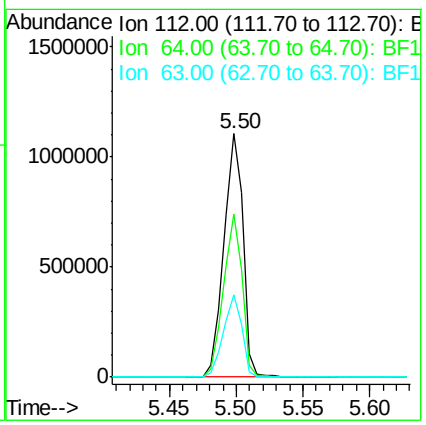
Instrument :
BNA_F
ClientSampleId :

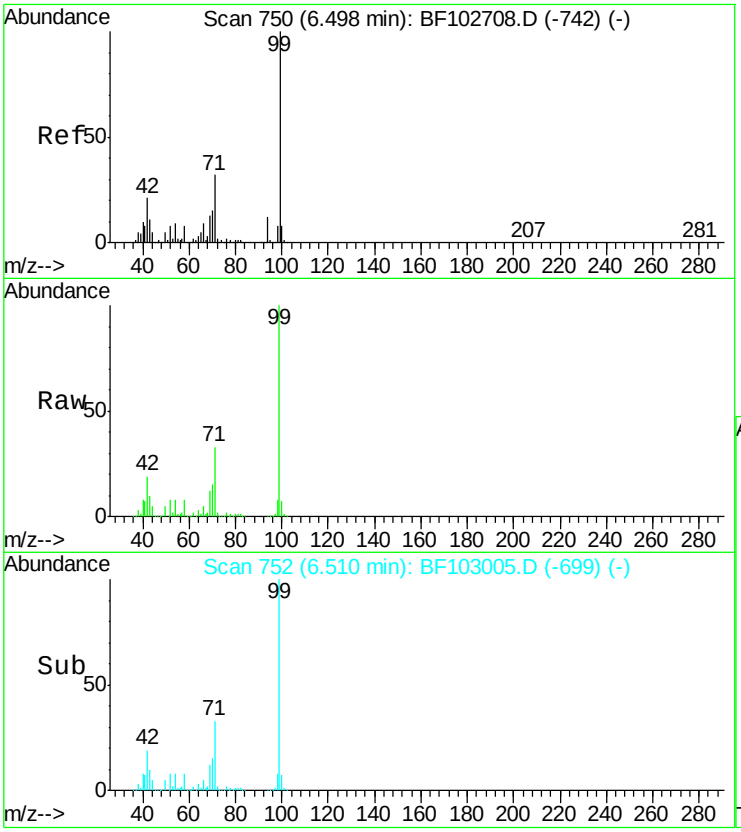


#5
2-Fluorophenol
Concen: 104.17 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:112 Resp: 1130476

Ion	Ratio	Lower	Upper
112	100		
64	66.9	47.9	71.9
63	33.9	23.7	35.5



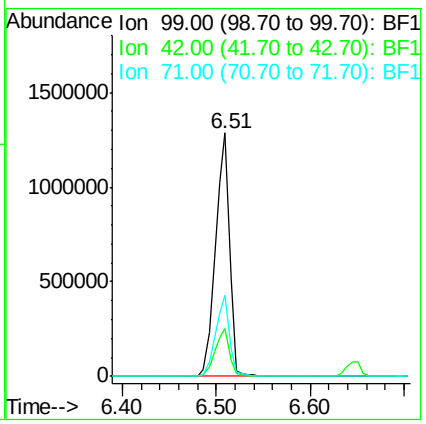


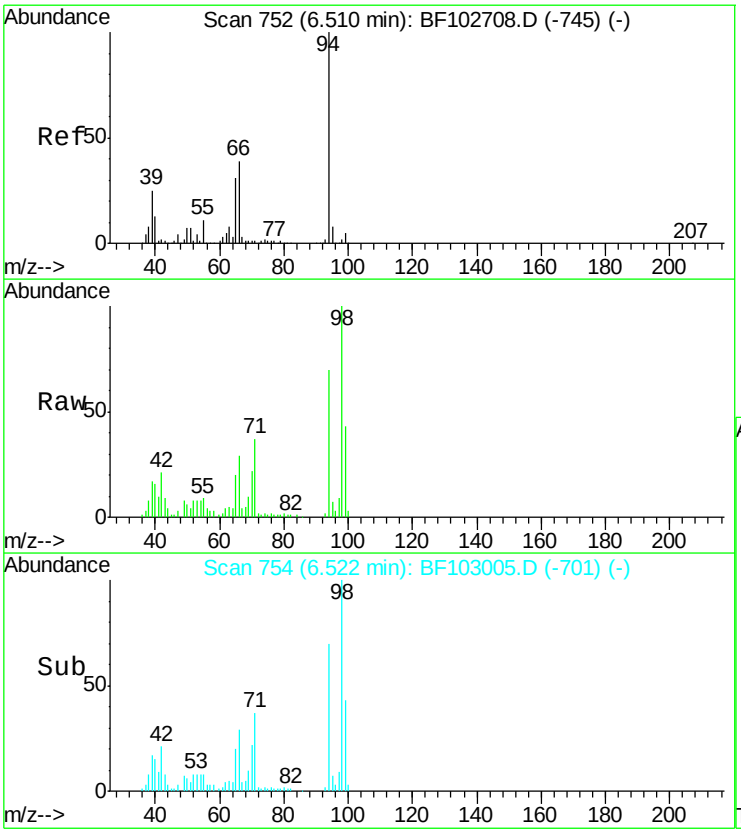
#7
Phenol-d6
Concen: 102.71 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1342097

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.4	25.4	38.0

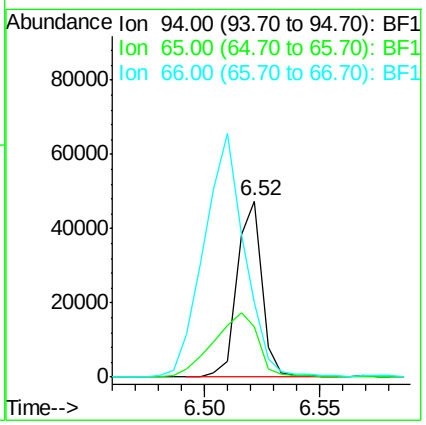


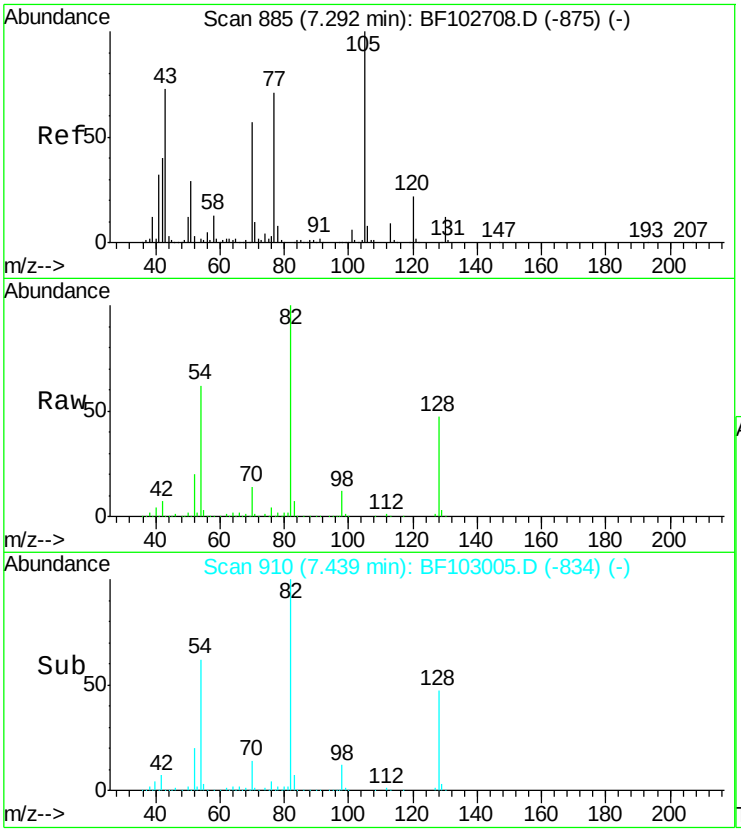


#10
Phenol
Concen: 2.55 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion: 94 Resp: 35679

Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.9	47.9
66	42.1	16.2	56.2



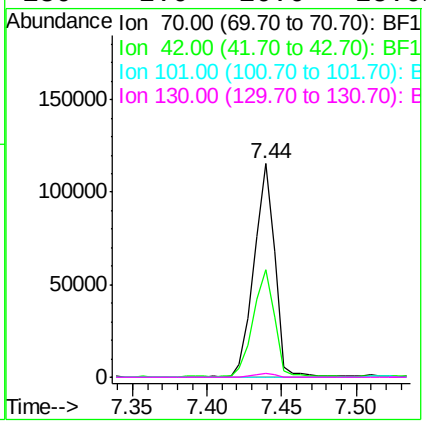


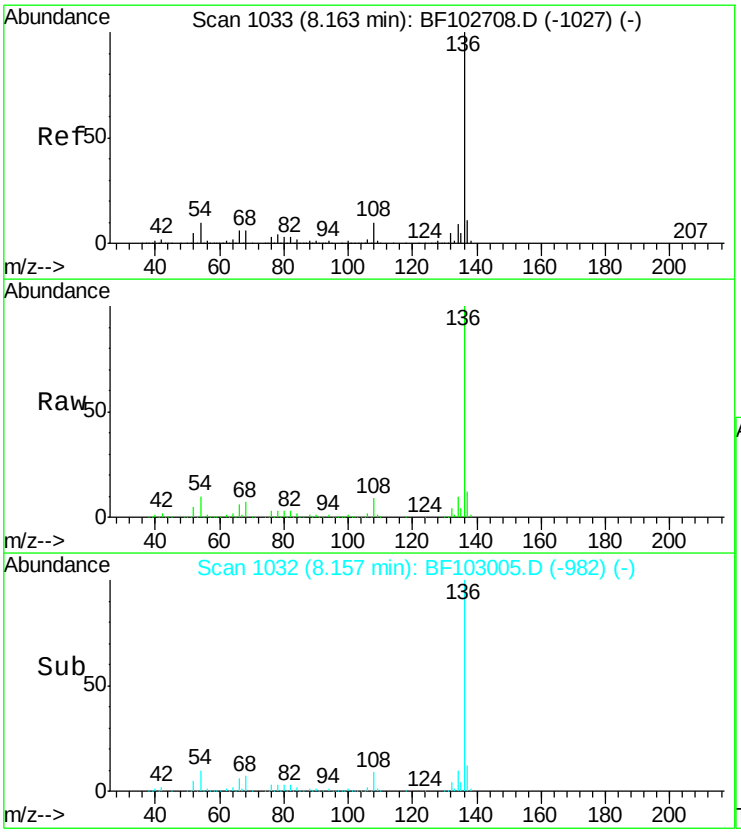
#19
n-Nitroso-di-n-propylamine
Concen: 12.82 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 110420

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

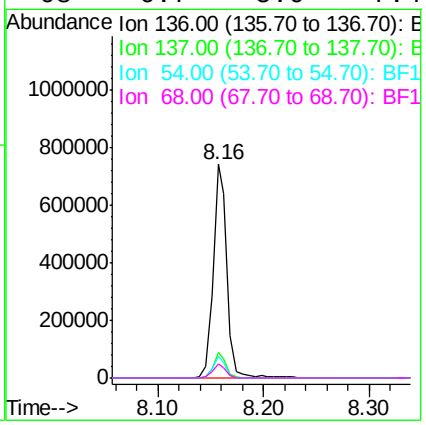


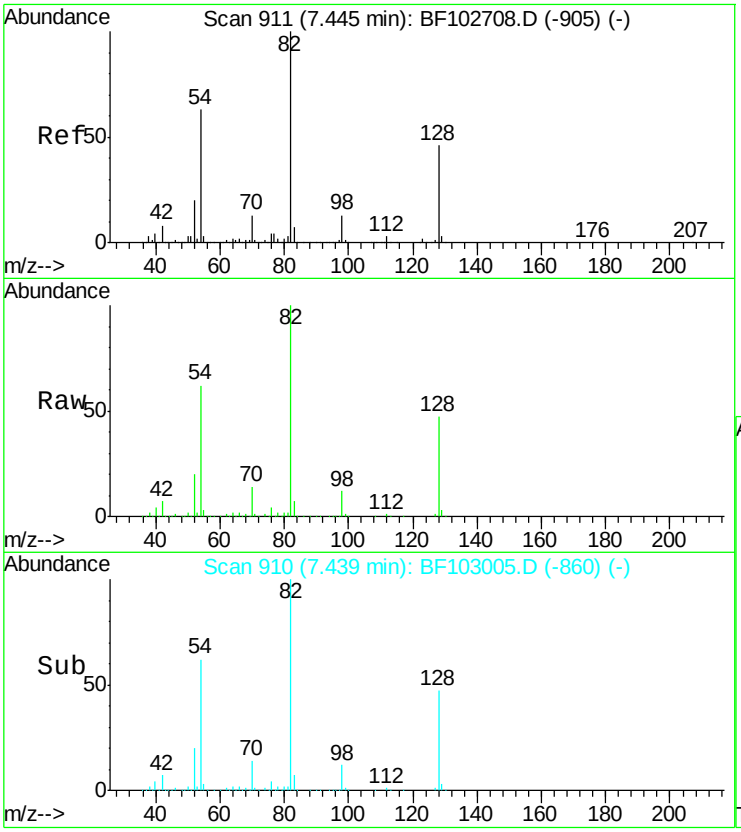


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:136 Resp: 682716

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	10.5	6.6	9.8#
68	6.7	5.0	7.4



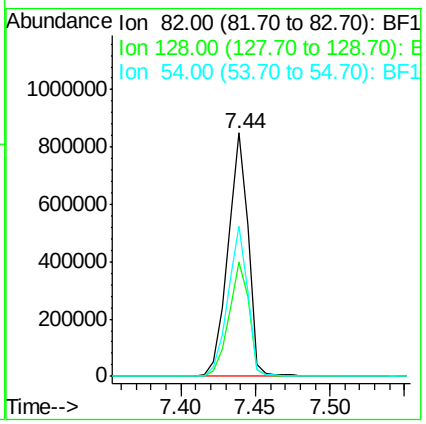


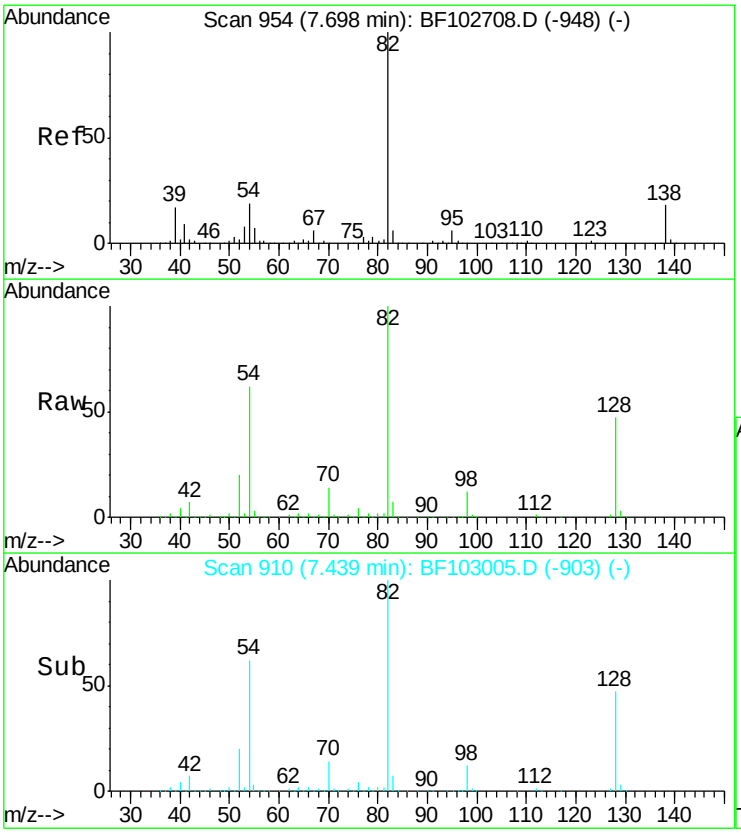
#23
Nitrobenzene-d5
Concen: 83.47 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 821486

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	61.6	41.4	62.2

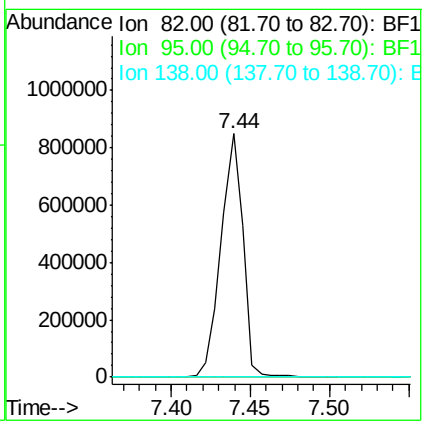


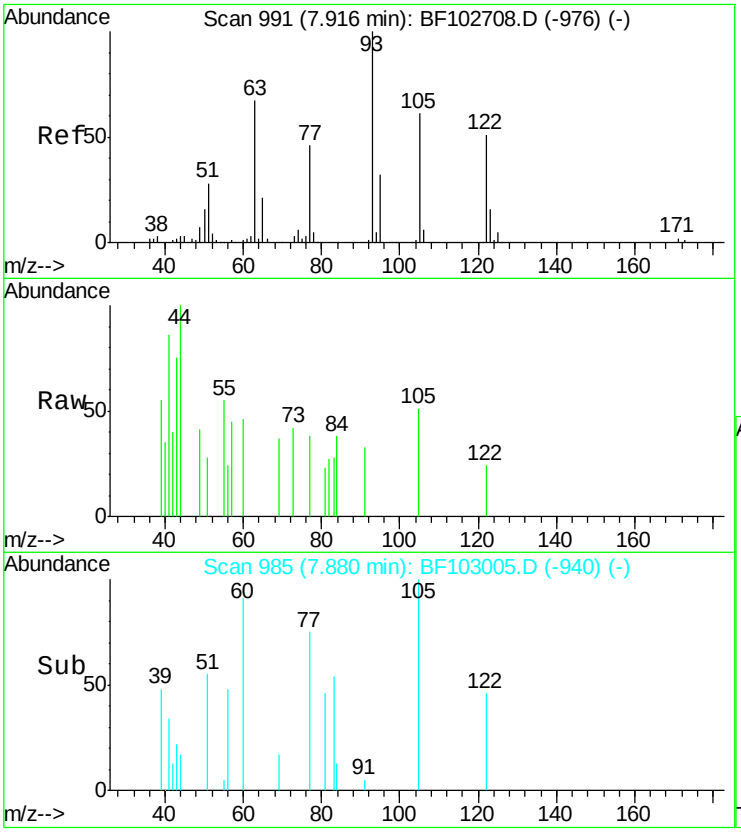


#25
Isophorone
Concen: 36.25 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion: 82 Resp: 821478

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



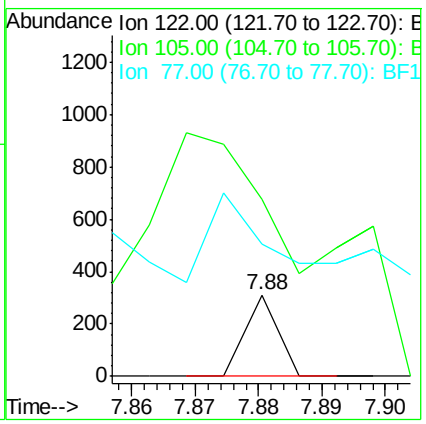


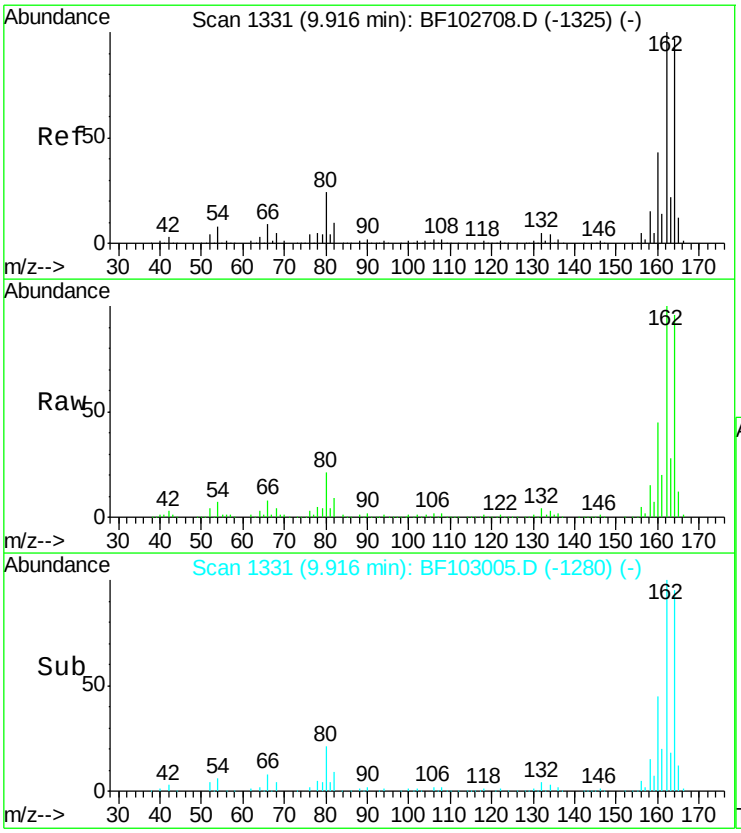
#32
Benzoic acid
Concen: 8.56 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
105	216.7	101.1	141.1#
77	162.4	70.7	110.7#

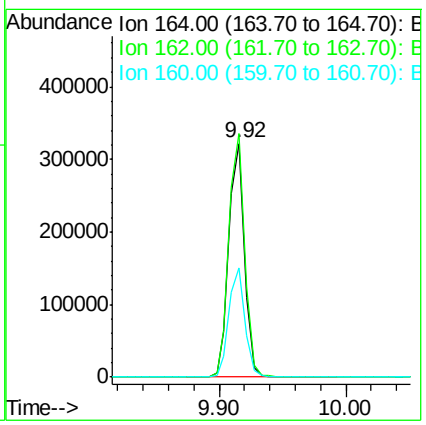


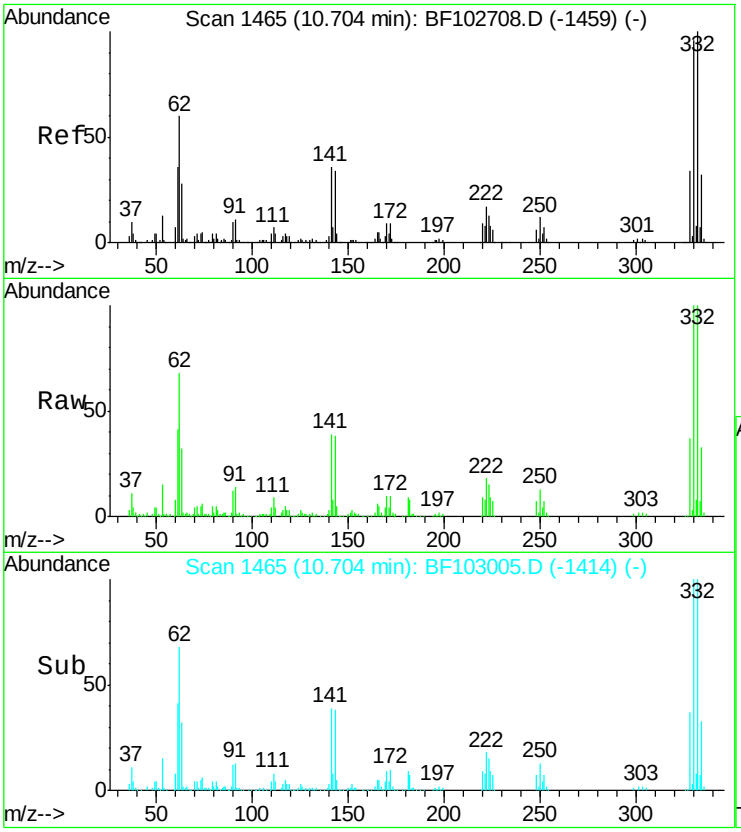


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:164 Resp: 273359

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.6	38.3	57.5



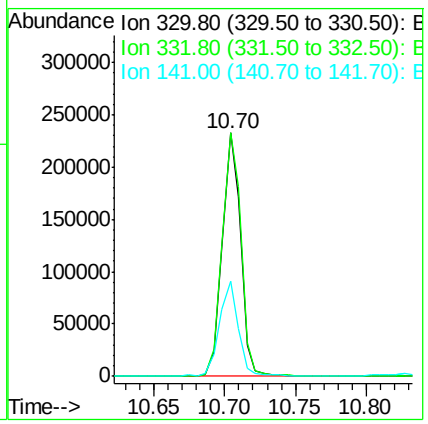


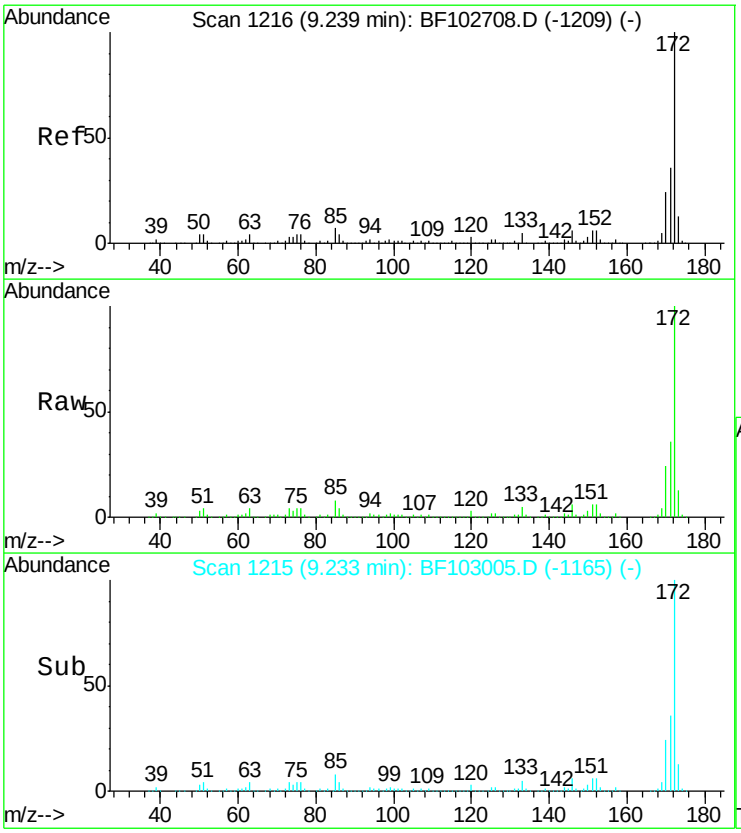
#41
2,4,6-Tribromophenol
Concen: 96.13 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 211505

Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	39.5	29.9	44.9

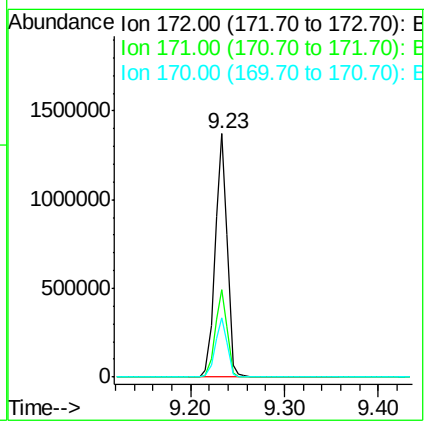


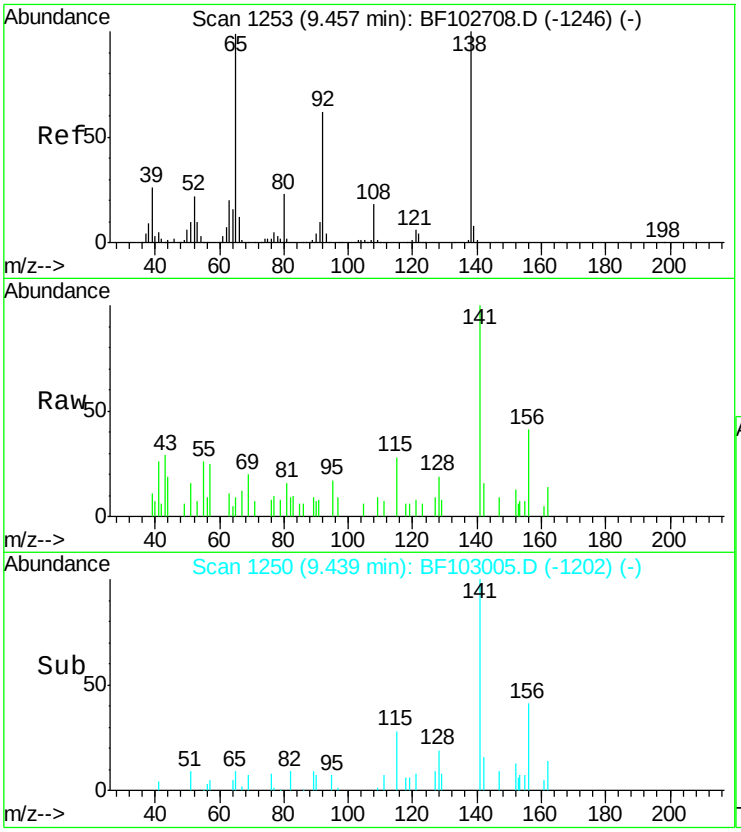


#44
2-Fluorobiphenyl
Concen: 75.80 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:172 Resp: 1248793

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4



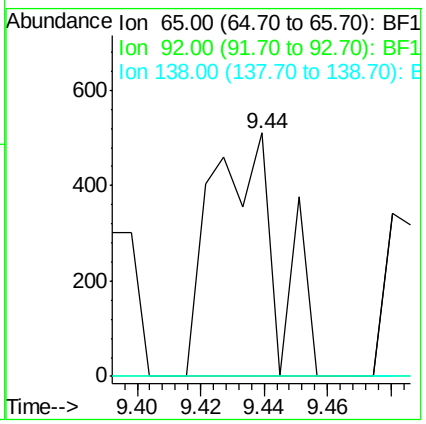


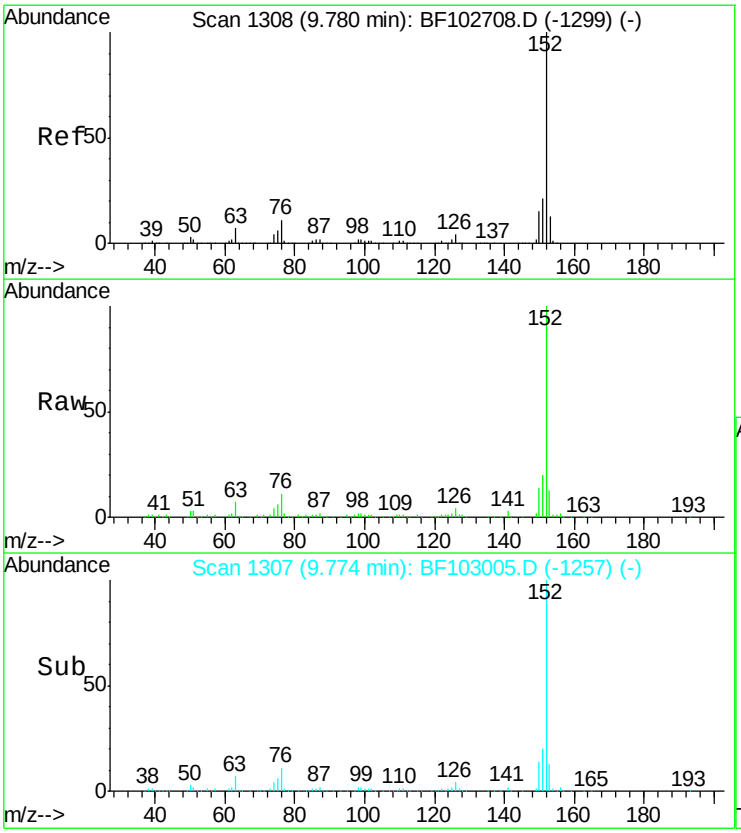
#47
2-Nitroaniline
Concen: 3.60 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 744

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

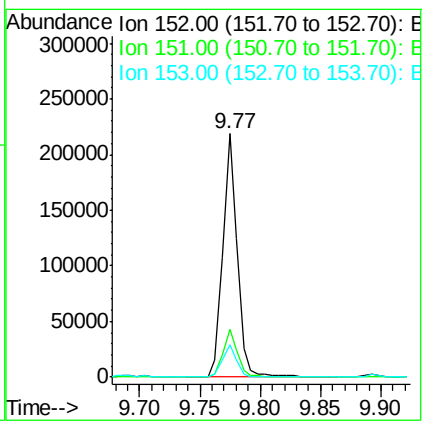


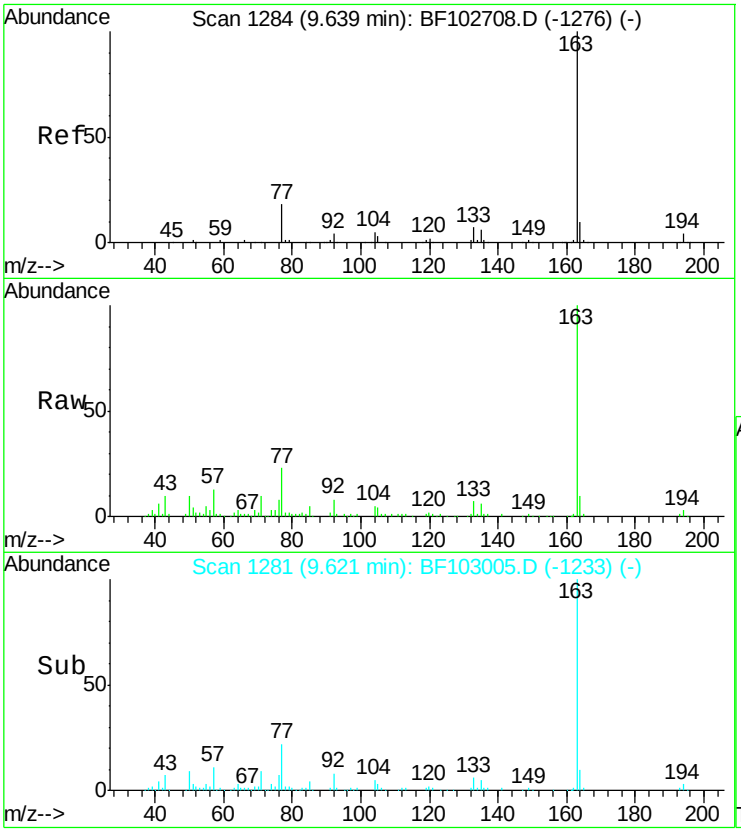


#48
Acenaphthylene
Concen: 6.45 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:152 Resp: 181659

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.2	10.7	16.1

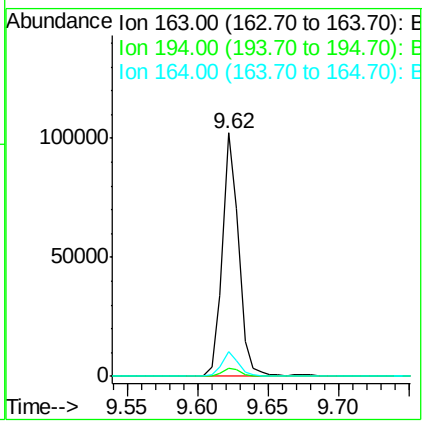




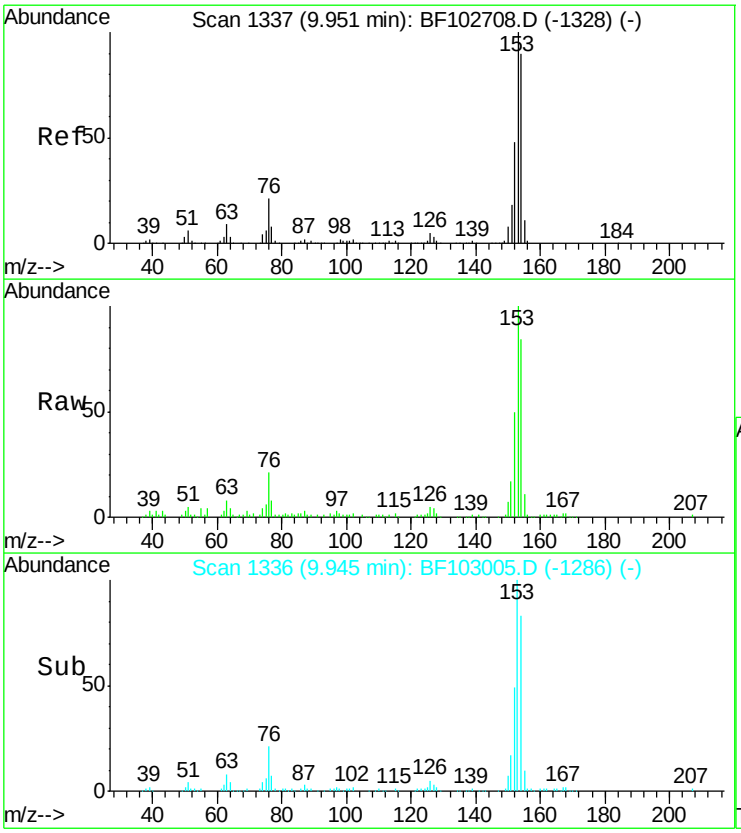
#49
Dimethylphthalate
Concen: 3.89 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:163 Resp: 82983

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2



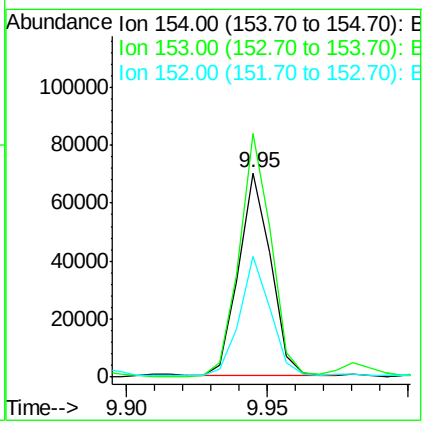
Instrument :
BNA_F
ClientSampleId :

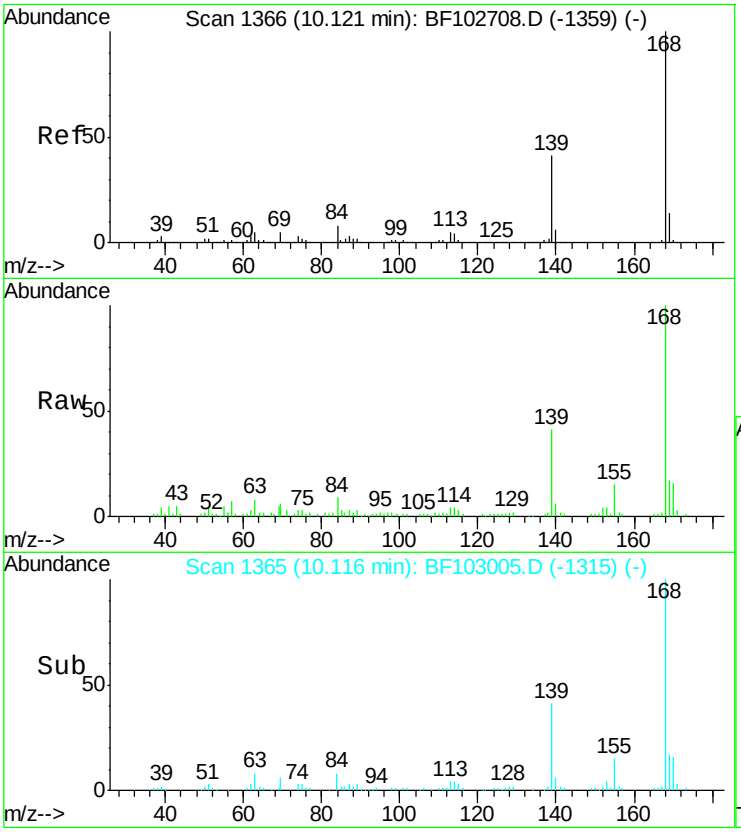


#51
Acenaphthene
Concen: 3.23 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:154 Resp: 54392

Ion	Ratio	Lower	Upper
154	100		
153	119.2	91.2	136.8
152	59.0	43.8	65.8



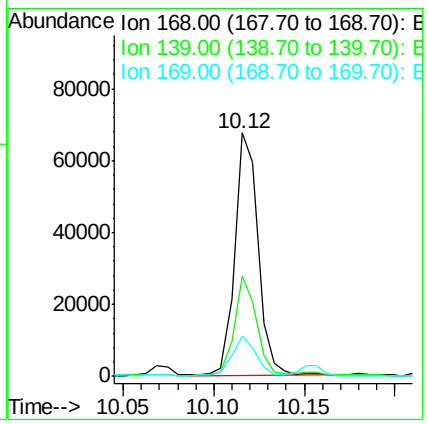


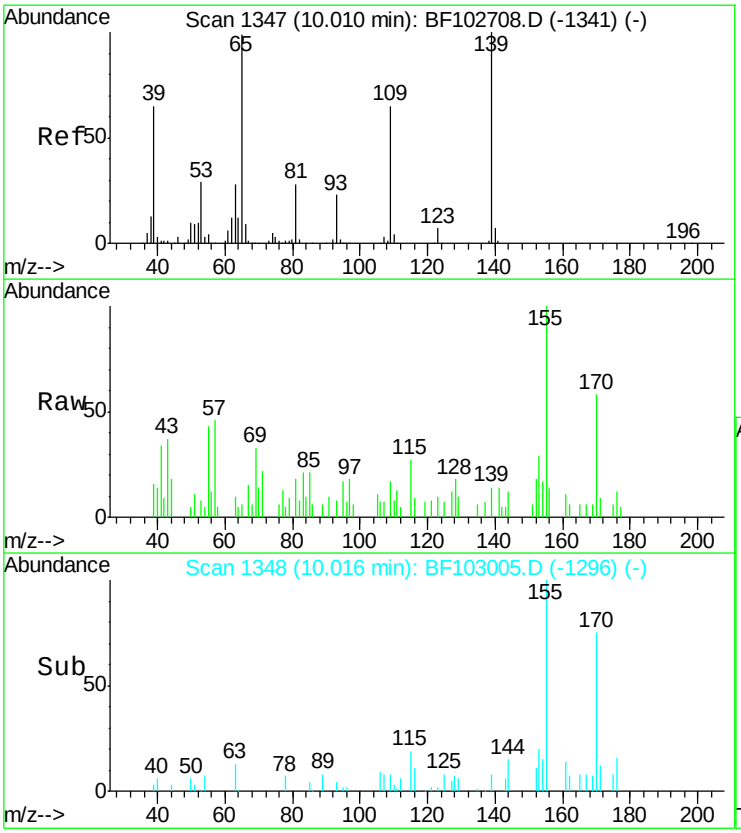
#54
Dibenzofuran
Concen: 2.56 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 60686

Ion	Ratio	Lower	Upper
168	100		
139	41.2	30.1	45.1
169	16.7	10.9	16.3#

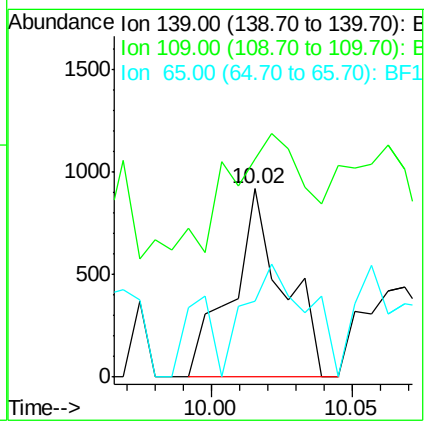


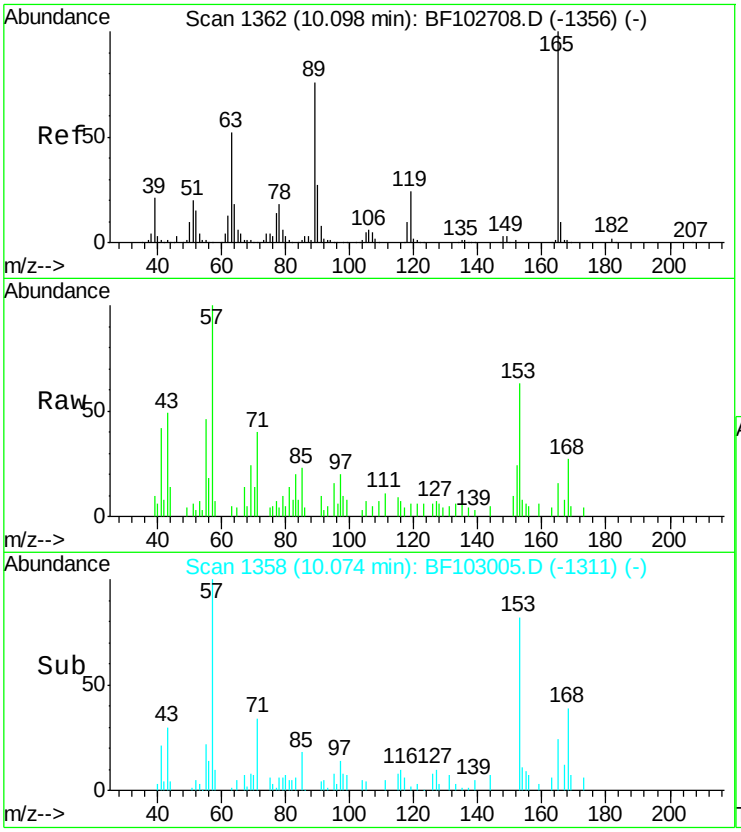


#55
4-Nitrophenol
Concen: 4.29 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:139 Resp: 1161

Ion	Ratio	Lower	Upper
139	100		
109	116.0	48.4	88.4#
65	40.3	72.6	112.6#



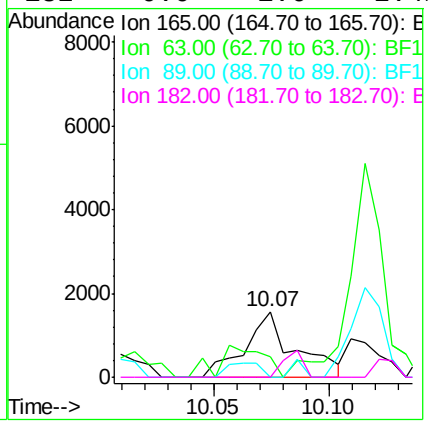


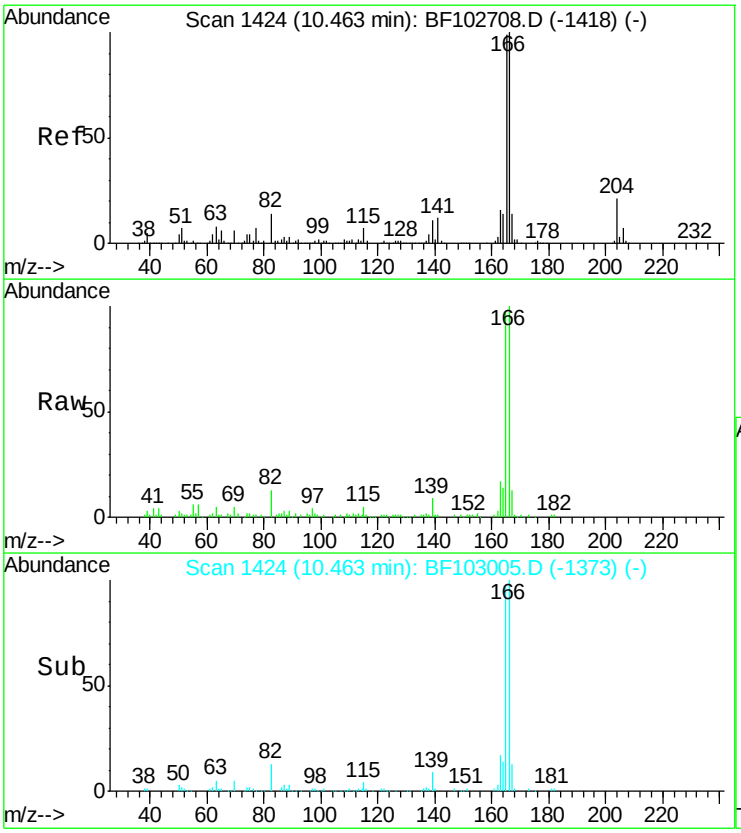
#56
2,4-Dinitrotoluene
Concen: 3.48 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 2360

Ion	Ratio	Lower	Upper
165	100		
63	30.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

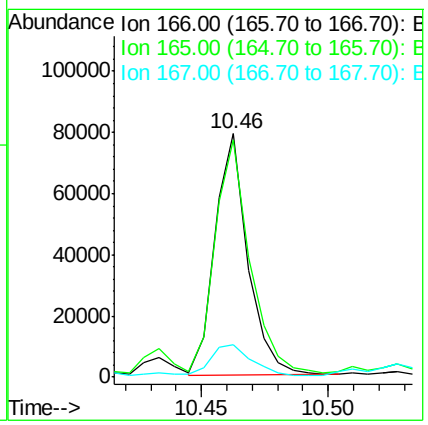


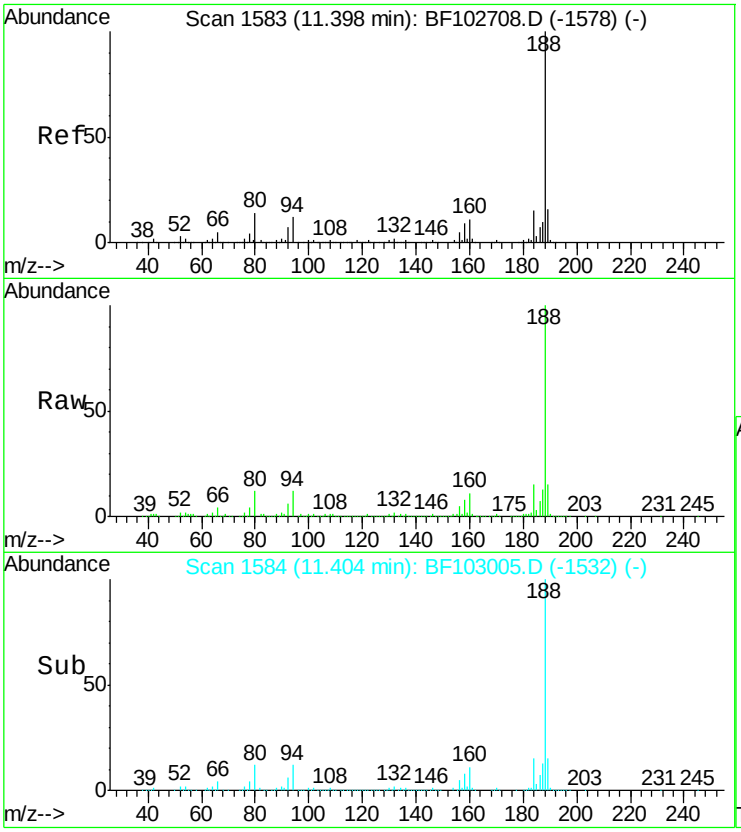


#57
Fluorene
Concen: 4.10 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:166 Resp: 70826

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	13.5	10.6	16.0



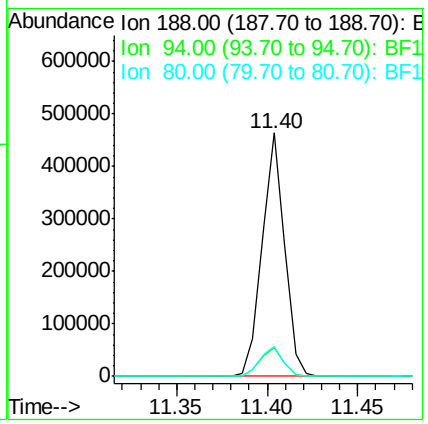


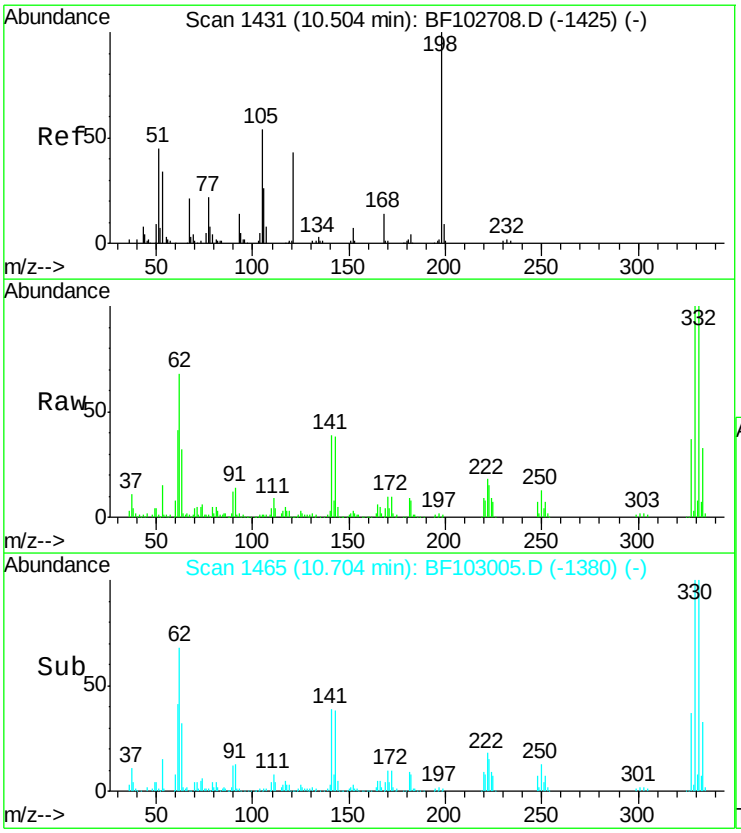
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 399823

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.3	9.2	13.8

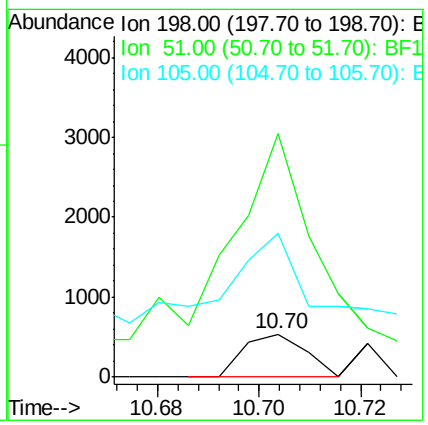


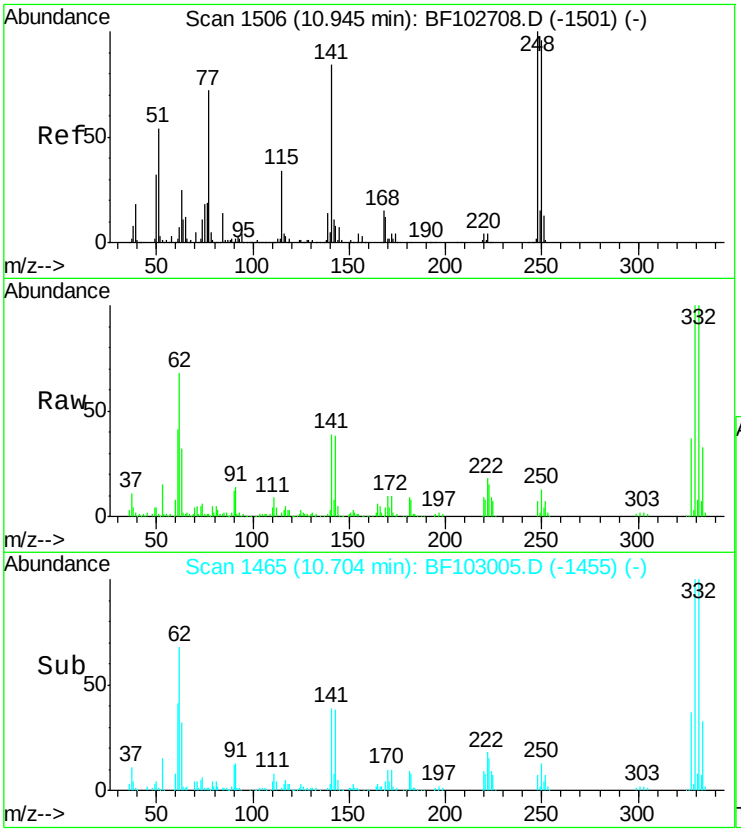


#64
4,6-Dinitro-2-methylphenol
Concen: 9.05 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.20 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:198 Resp: 455

Ion	Ratio	Lower	Upper
198	100		
51	563.2	37.7	77.7#
105	334.0	36.3	76.3#



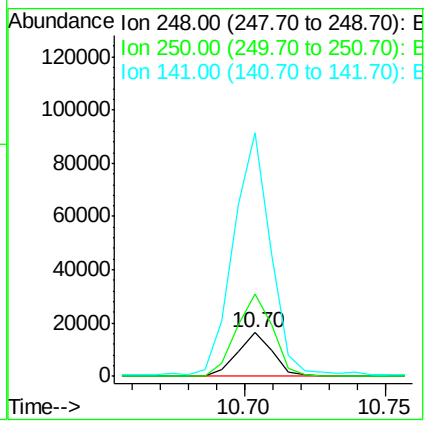


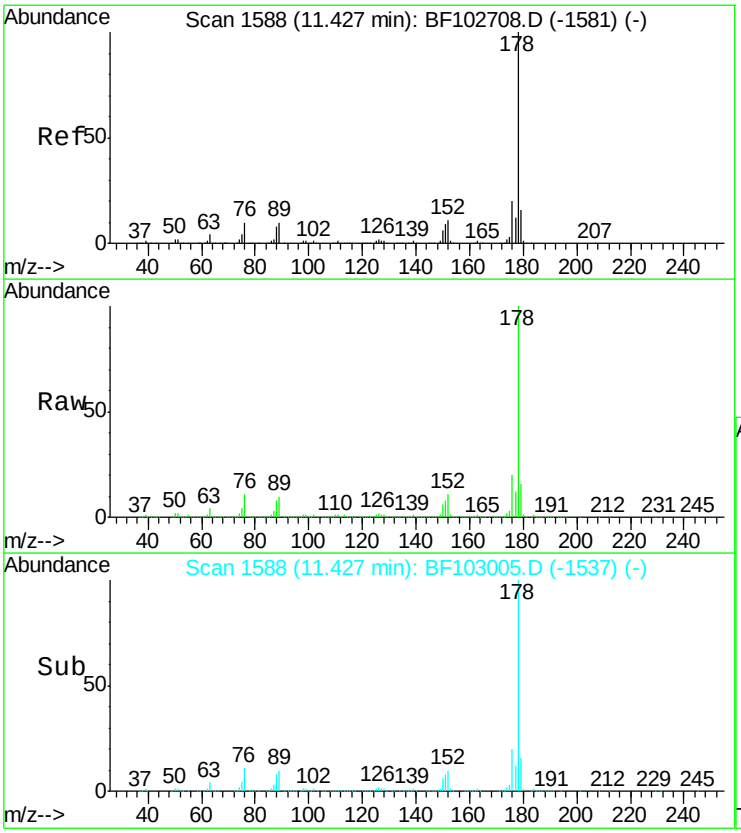
#66
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14088

Ion	Ratio	Lower	Upper
248	100		
250	189.5	76.9	115.3#
141	559.9	74.4	111.6#

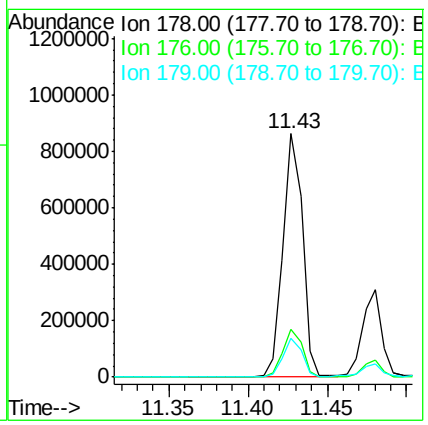


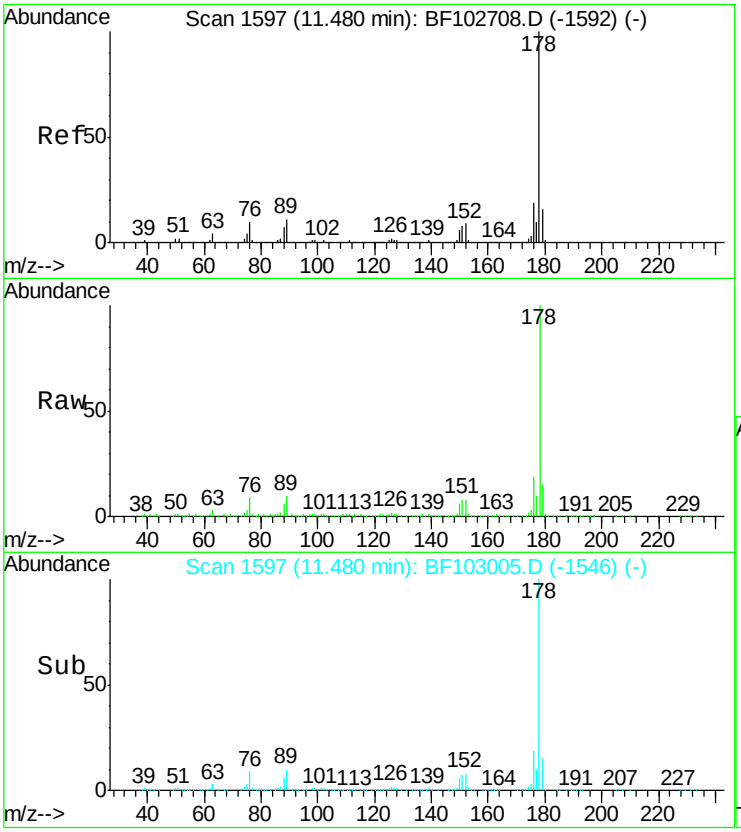


#70
Phenanthrene
Concen: 33.21 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:178 Resp: 739473

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.9	13.0	19.6



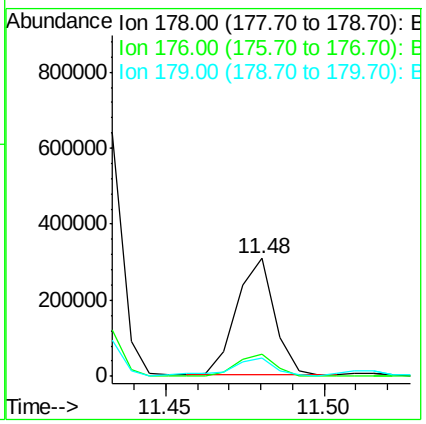


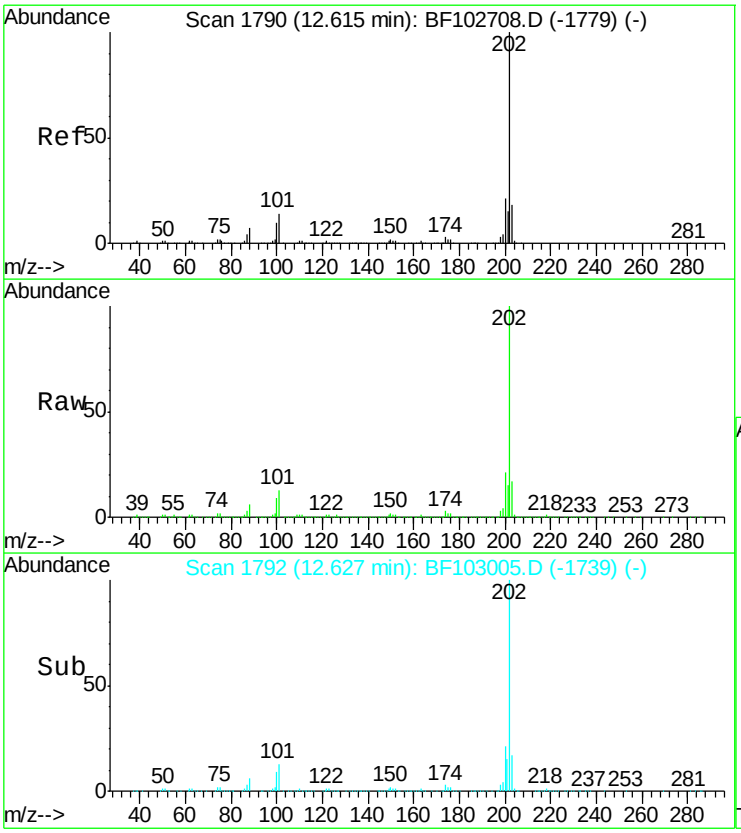
#71
Anthracene
Concen: 11.20 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.00 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 253606

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.3	12.6	19.0

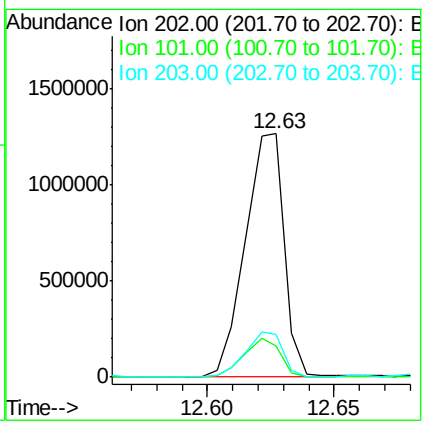


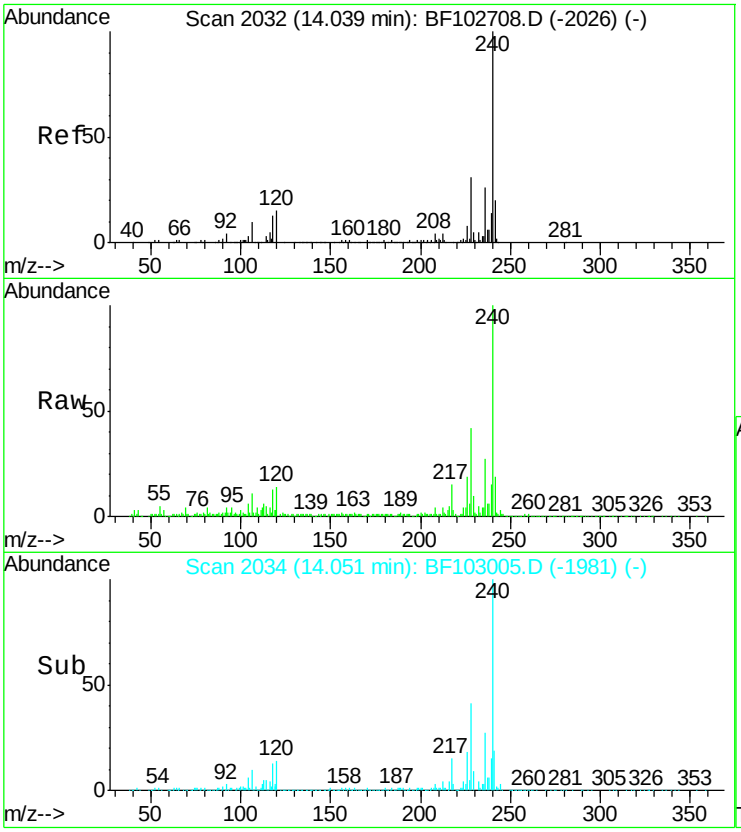


#74
Fluoranthene
Concen: 60.07 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:202 Resp: 1345682

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.3	0.0	38.1



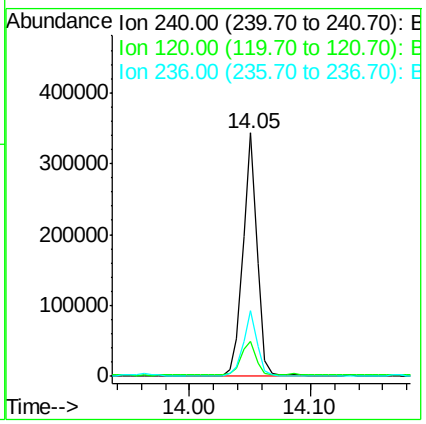


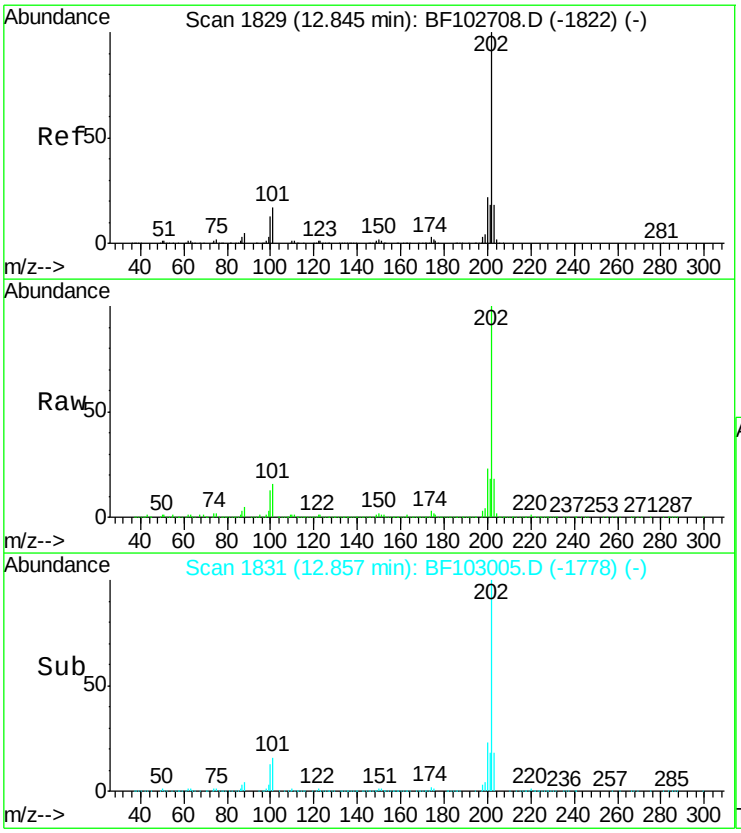
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 280758

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	27.0	20.7	31.1

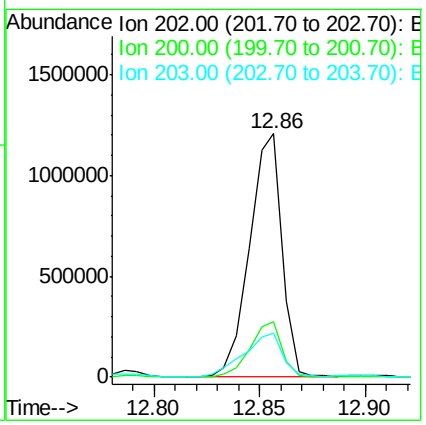


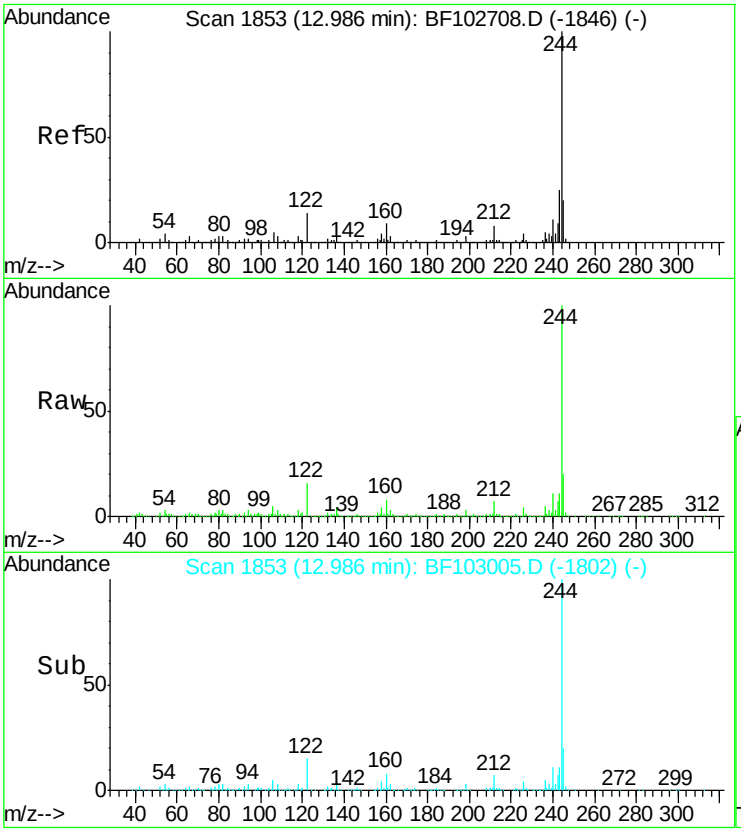


#77
Pyrene
Concen: 58.23 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:202 Resp: 1281979

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.0	14.3	21.5



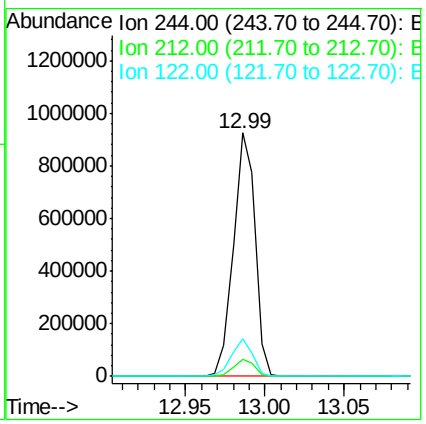


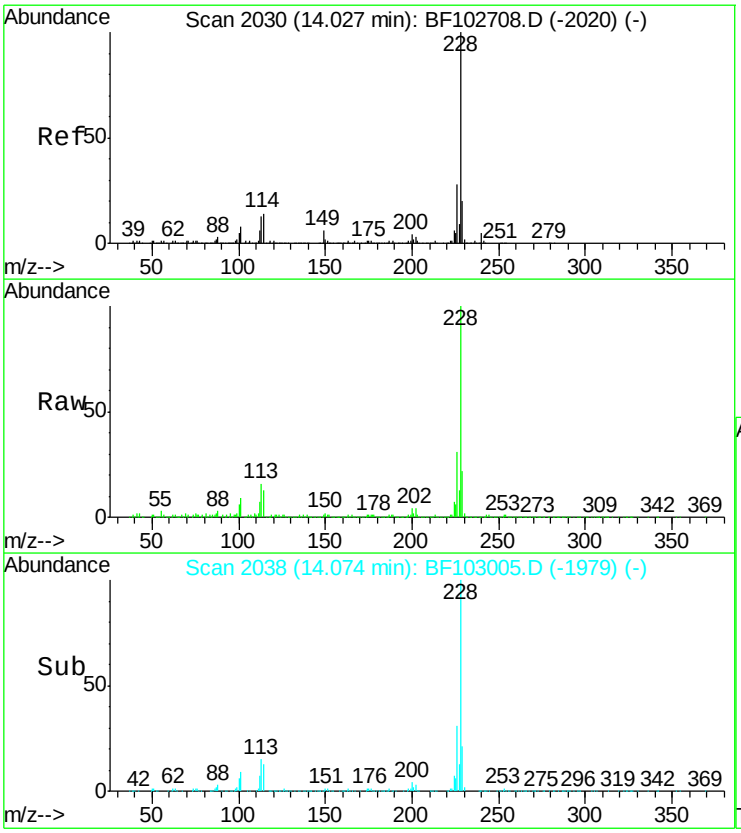
#78
Terphenyl-d14
Concen: 73.52 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 871780

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.6	11.0	16.4

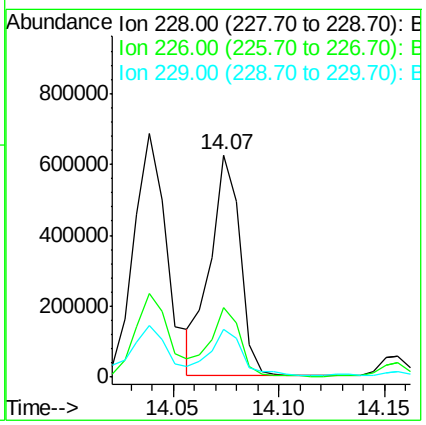


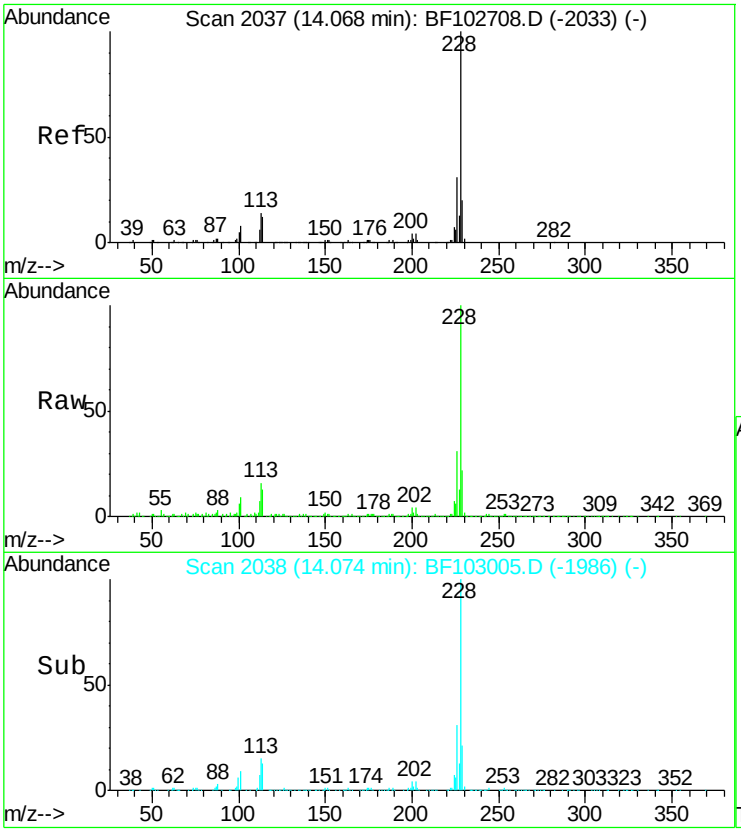


#80
Benzo(a)anthracene
Concen: 34.97 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.05 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:228 Resp: 617389

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	21.8	15.8	23.6



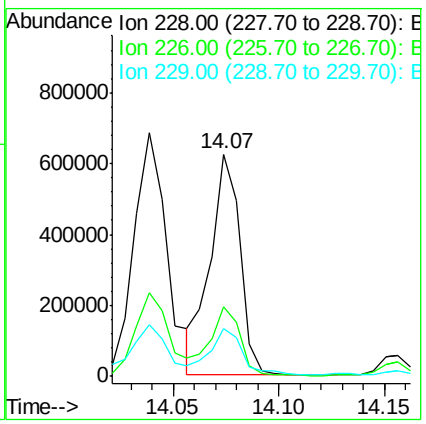


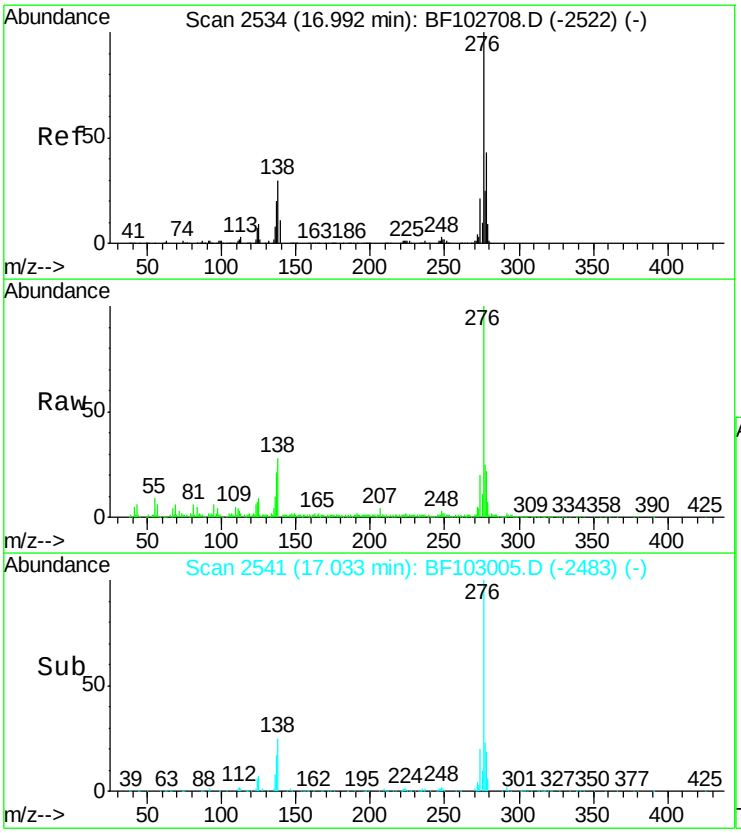
#82
Chrysene
Concen: 34.69 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 617389

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.8	16.2	24.4

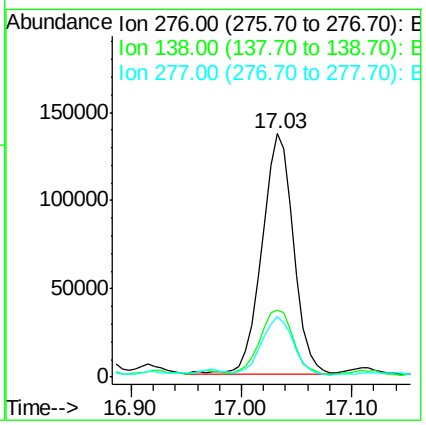


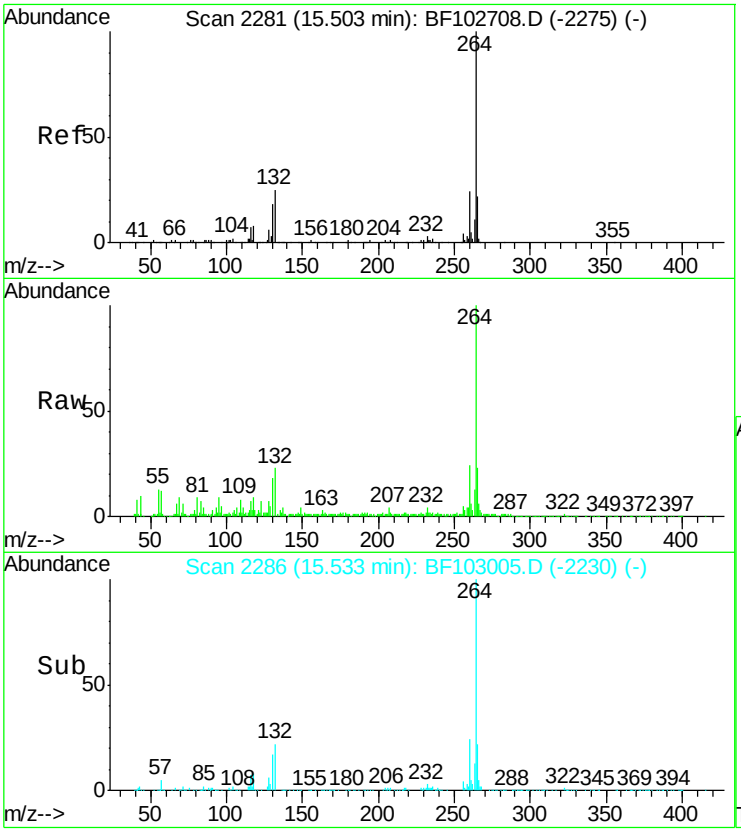


#85
Indeno(1,2,3-cd)pyrene
Concen: 18.42 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.04 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:276 Resp: 271856

Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	24.2	20.1	30.1



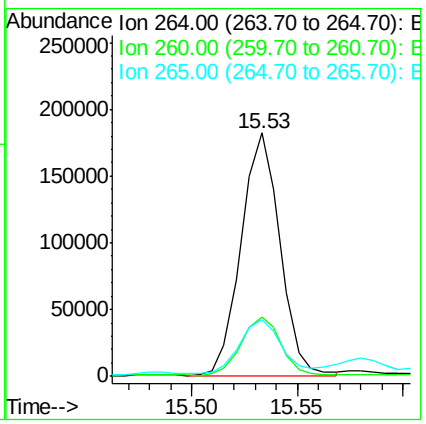


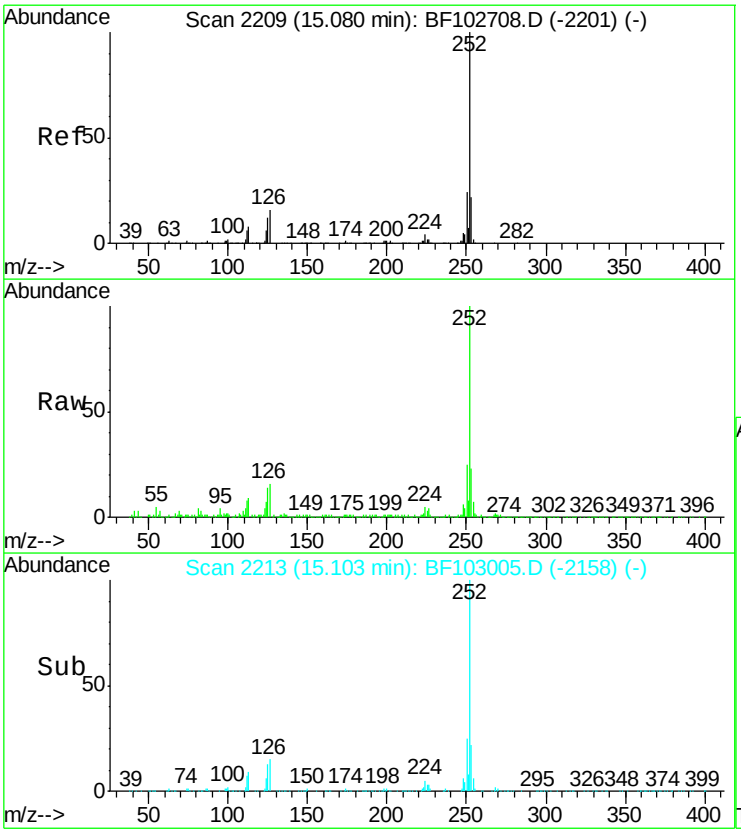
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.03 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 232181

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	23.1	17.5	26.3

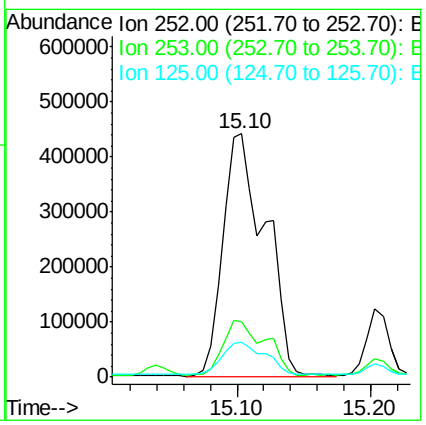


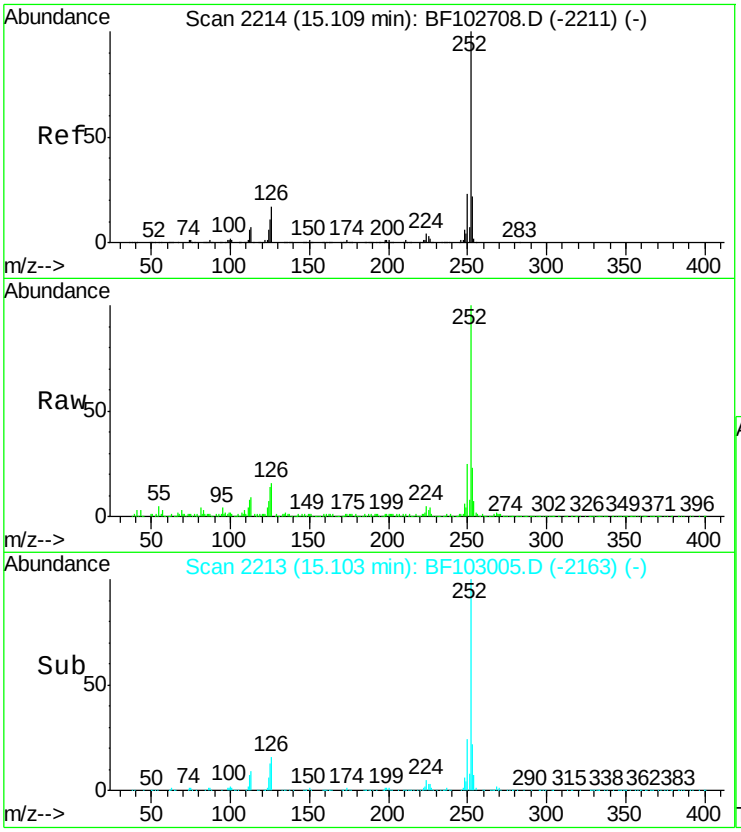


#87
Benzo(b)fluoranthene
Concen: 64.90 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:252 Resp: 976902

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	14.4	9.0	13.6#



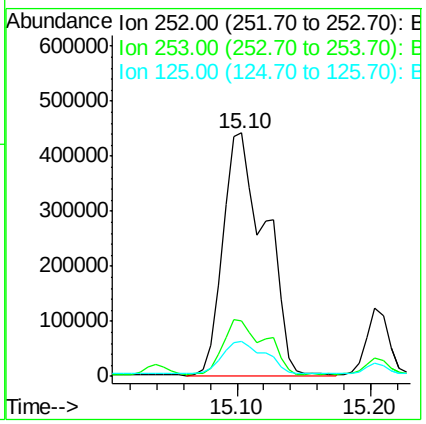


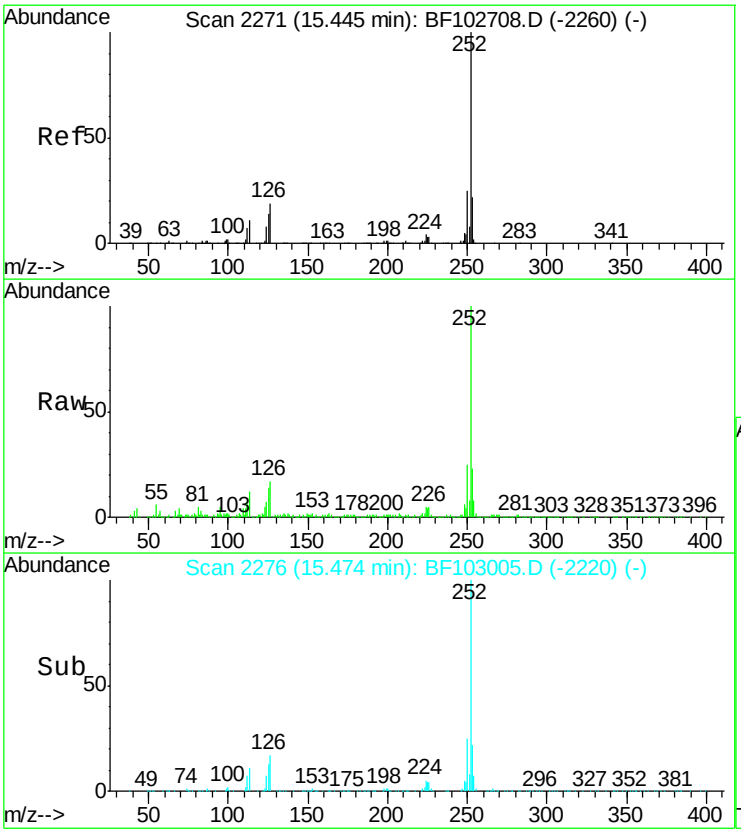
#88
Benzo(k)fluoranthene
Concen: 67.92 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 976902

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	14.4	10.2	15.2

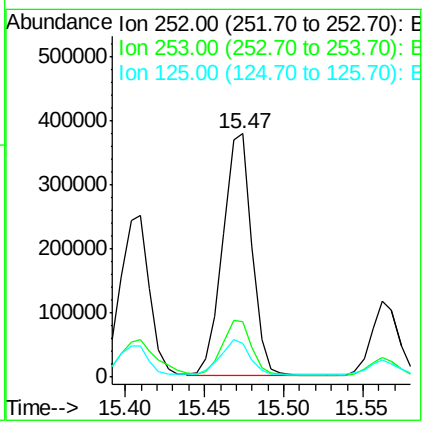


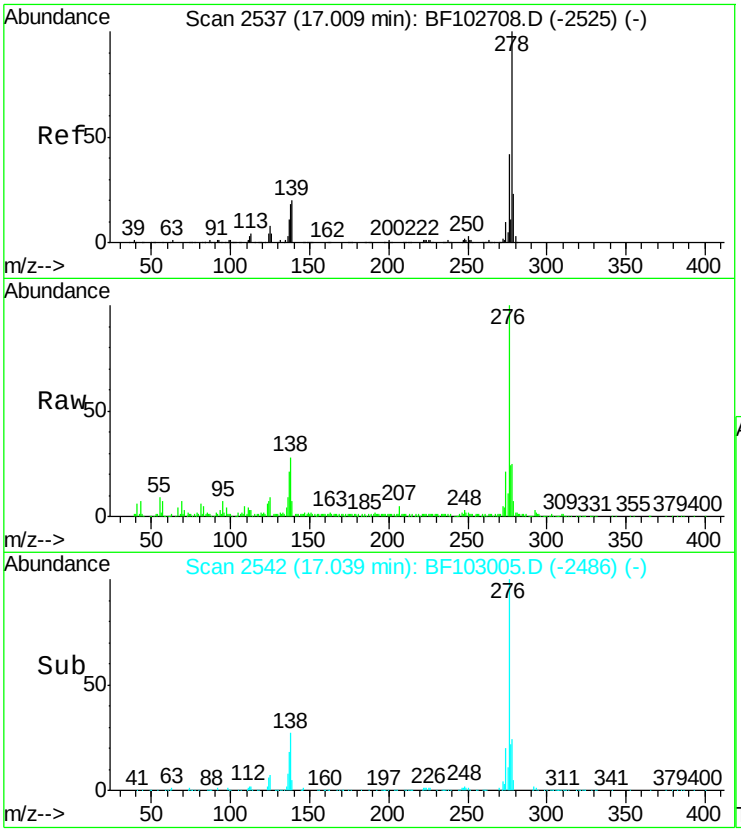


#89
Benzo(a)pyrene
Concen: 35.76 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.03 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:252 Resp: 484569

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	13.8	9.8	14.6



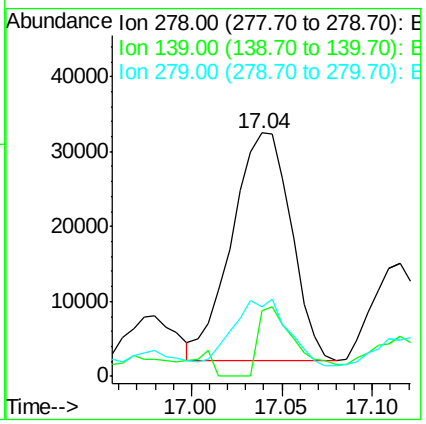


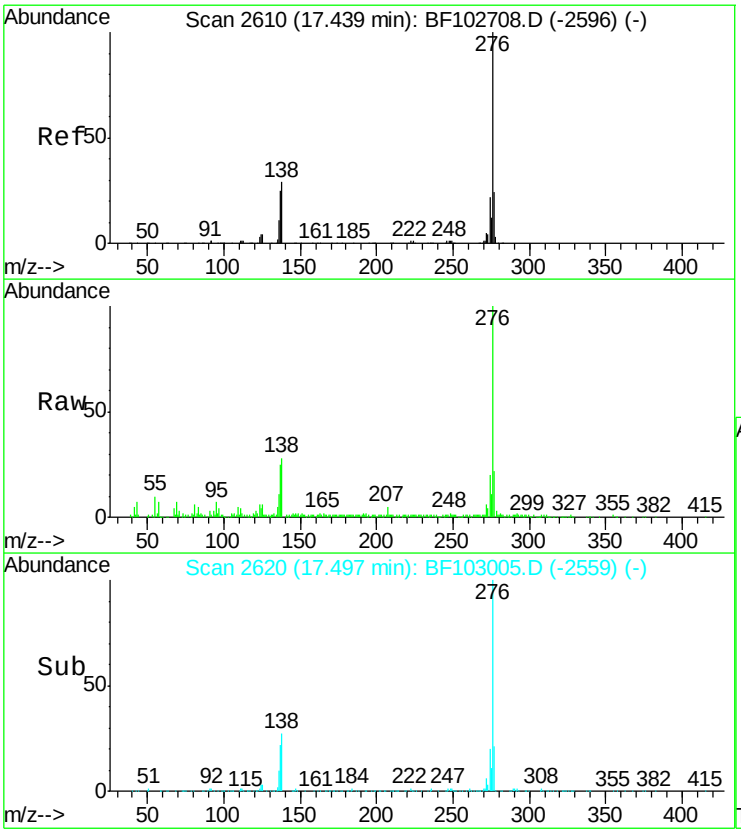
#90
Dibenzo(a,h)anthracene
Concen: 6.24 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.03 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 68669

Ion	Ratio	Lower	Upper
278	100		
139	26.9	15.9	23.9#
279	28.6	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 23.16 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.06 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:276 Resp: 249260

Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	28.0	21.8	32.8