Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102912.D
Acq On : 12 Feb 2018 11:29
Operator : SJ/JU
Sample : J1512-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 12 12:50:25 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 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	179235	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	741360	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	323431	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	483190	20.00	ng		0.00
75) Chrysene-d12	14.05	240	320685	20.00	ng		0.00
86) Perylene-d12	15.54	264	342088	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1140861	96.67	ng		0.02
7) Phenol-d6	6.51	99	1338649	94.20	ng		0.00
23) Nitrobenzene-d5	7.45	82	881187	82.45	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	243327	93.47	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1343990	68.95	ng		0.00
78) Terphenyl-d14	13.00	244	904939	66.82	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	36293	2.383	ng		91
19) n-Nitroso-di-n-propylamine	7.45	70	119066	12.708	ng	#	83
25) Isophorone	7.45	82	881172	35.808	ng	#	64
32) Benzoic acid	8.16	122	127	8.560	ng	#	1
47) 2-Nitroaniline	9.35	65	137	3.491	ng	#	2
49) Dimethylphthalate	9.63	163	128129	5.081	ng		98
55) 4-Nitrophenol	10.13	139	782	4.177	ng	#	61
56) 2,4-Dinitrotoluene	9.92	165	41379	9.094	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.72	198	580	9.059	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	16719	3.271	ng	#	1
70) Phenanthrene	11.43	178	60666	2.254	ng		99
74) Fluoranthene	12.63	202	105055	3.880	ng		96
77) Pyrene	12.86	202	98522	3.918	ng		99
80) Benzo(a)anthracene	14.04	228	50254	2.492	ng		98
82) Chrysene	14.07	228	53437	2.628	ng		99
87) Benzo(b)fluoranthene	15.10	252	100901	4.549	ng	#	94
88) Benzo(k)fluoranthene	15.10	252	100901	4.761	ng		97
89) Benzo(a)pyrene	15.47	252	48979	2.453	ng		97

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

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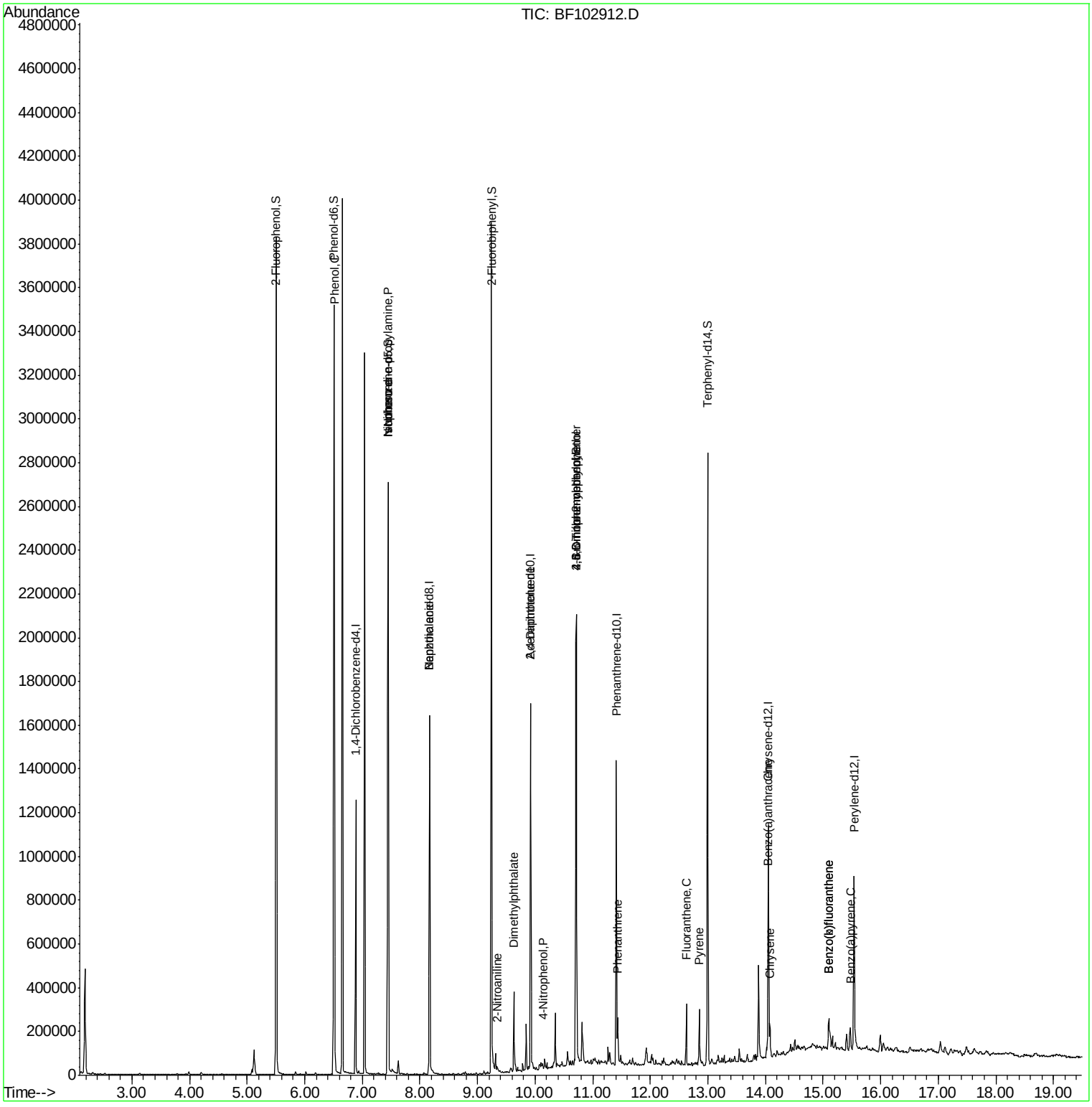
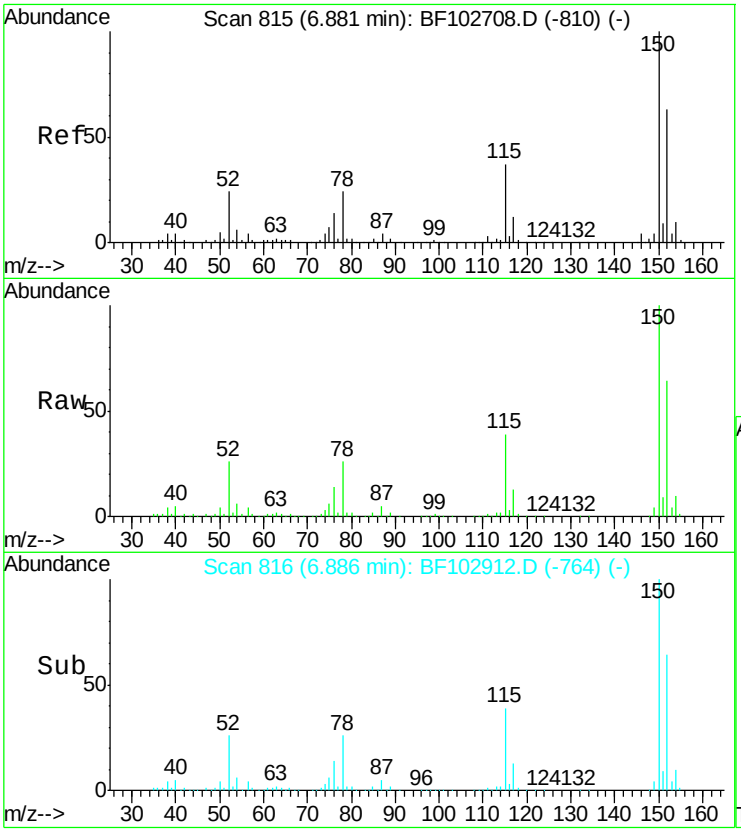


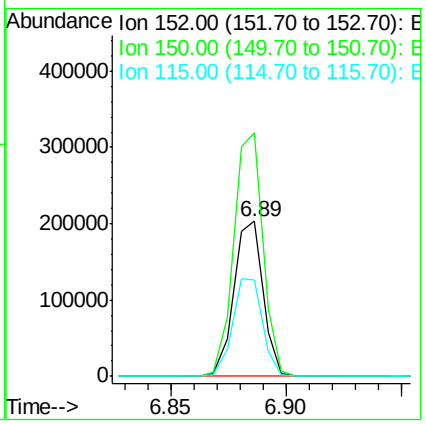


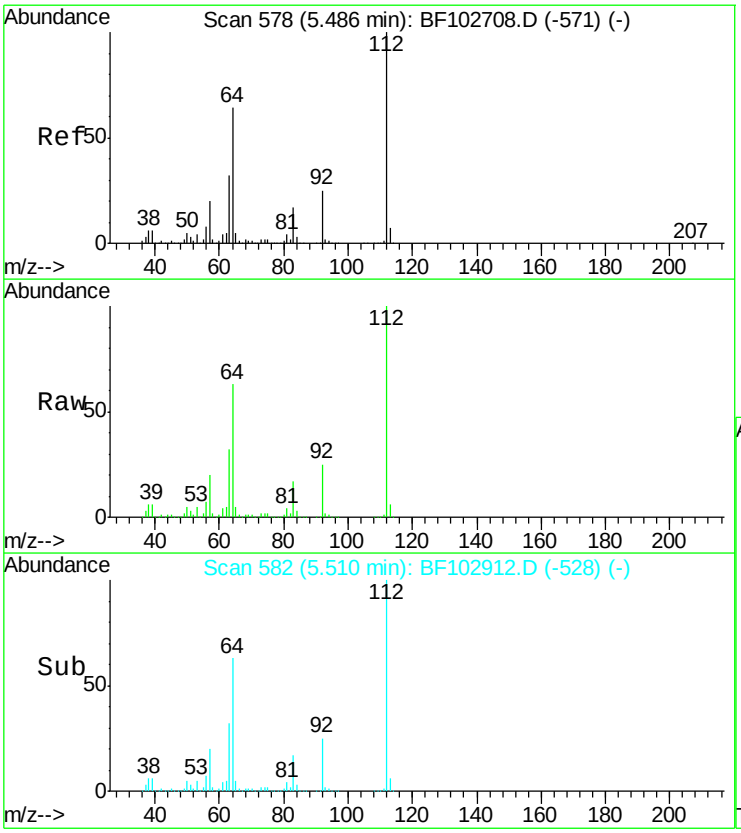
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 179235

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	62.0	50.1	75.1

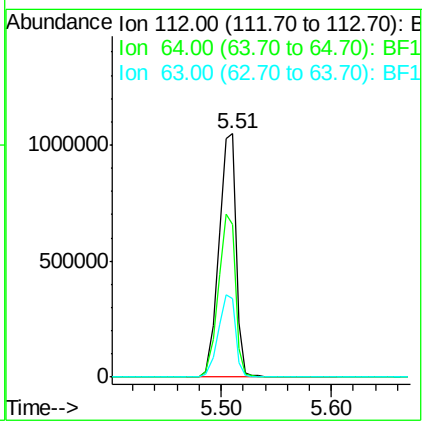


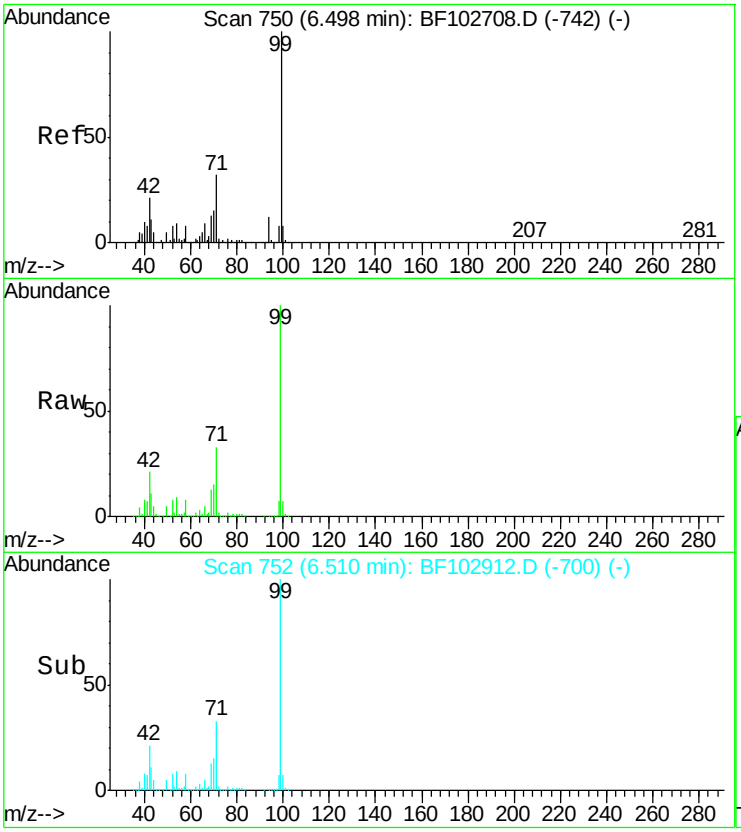


#5
2-Fluorophenol
Concen: 96.666 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:112 Resp: 1140861

Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	32.4	23.7	35.5



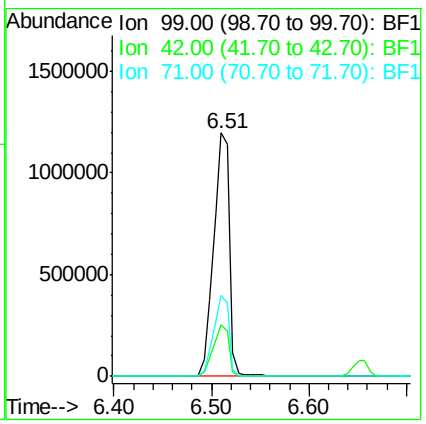


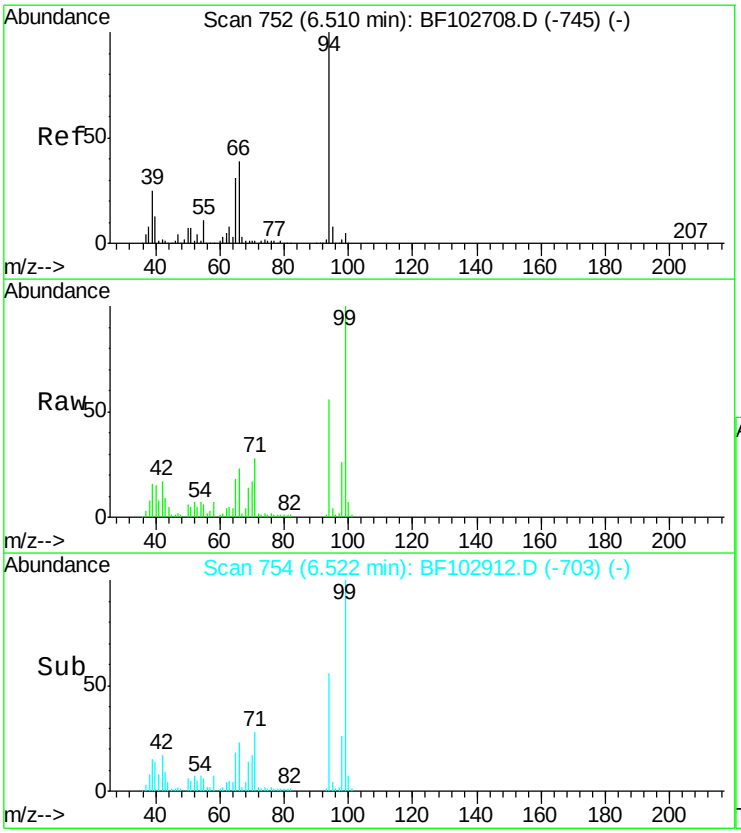
#7
Phenol-d6
Concen: 94.201 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1338649

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	33.1	25.4	38.0

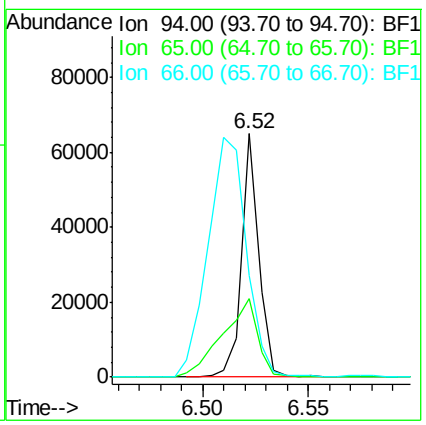


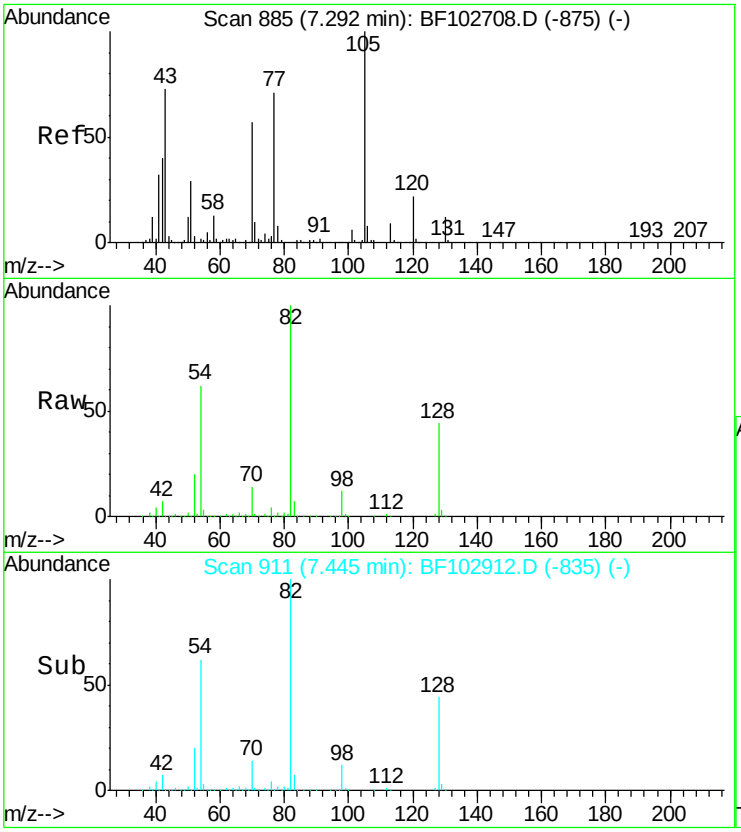


#10
Phenol
Concen: 2.383 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion: 94 Resp: 36293

Ion	Ratio	Lower	Upper
94	100		
65	32.5	7.9	47.9
66	41.8	16.2	56.2



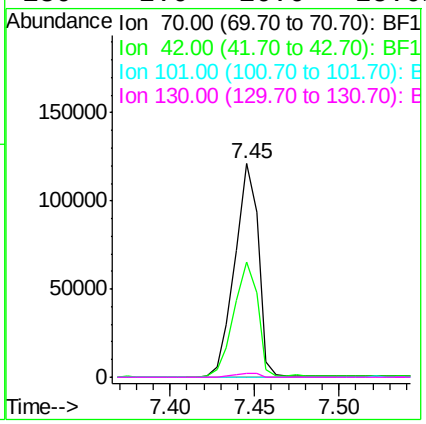


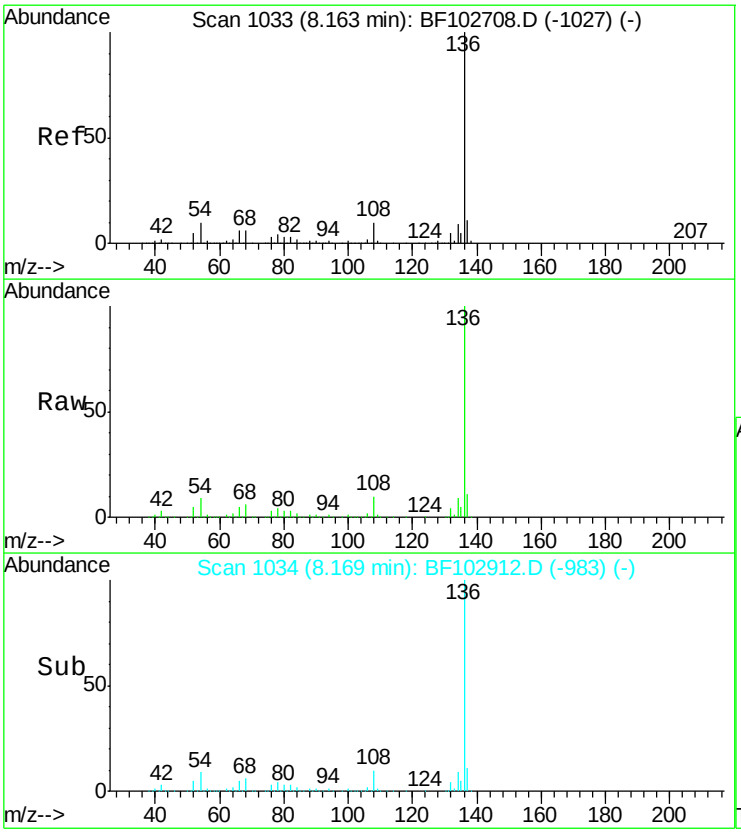
#19
n-Nitroso-di-n-propylamine
Concen: 12.708 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 119066

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

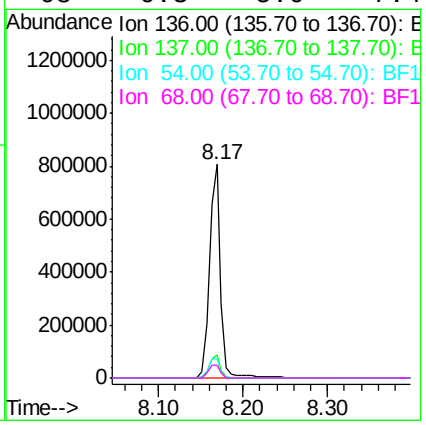


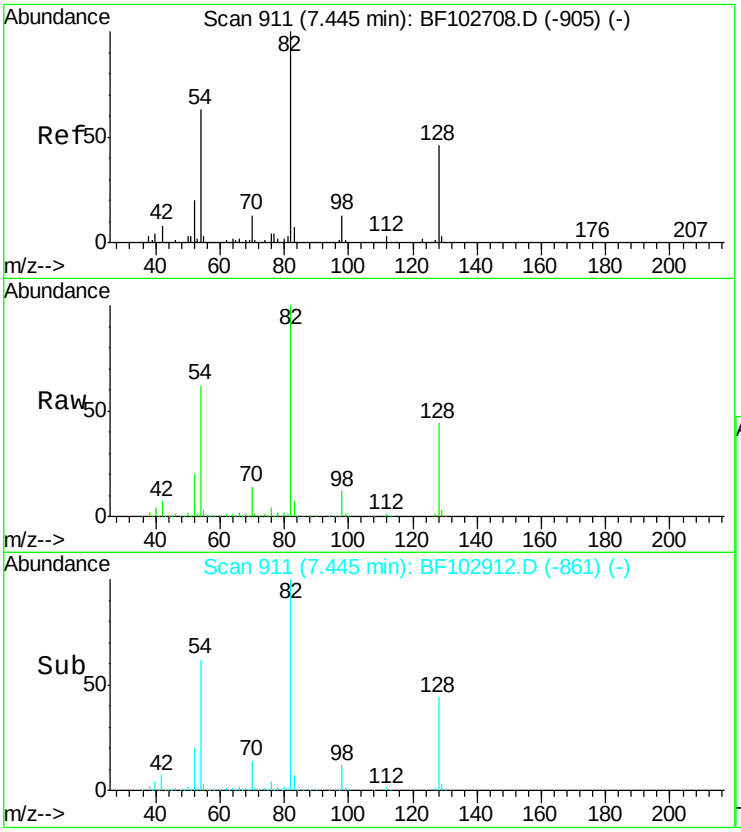


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:136 Resp: 741360

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.2	6.6	9.8
68	6.3	5.0	7.4



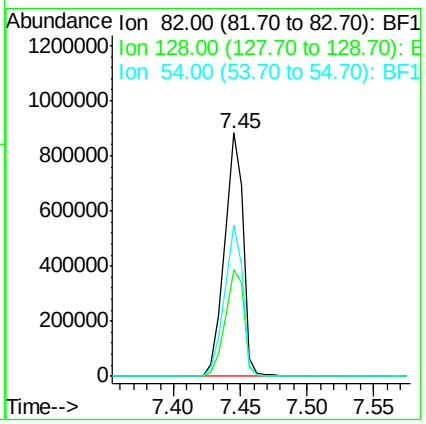


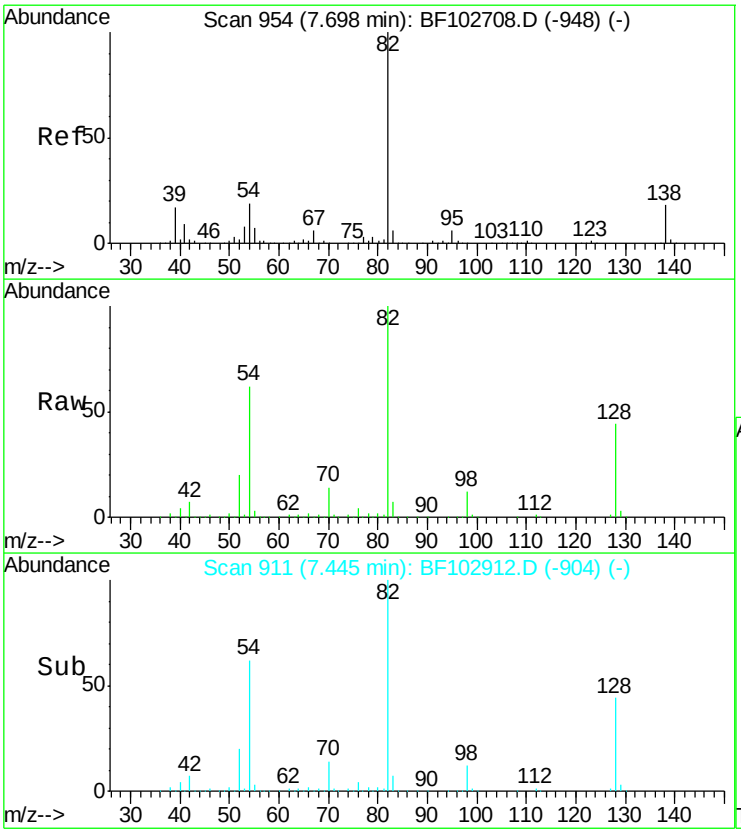
#23
Nitrobenzene-d5
Concen: 82.454 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 881187

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	62.0	41.4	62.2

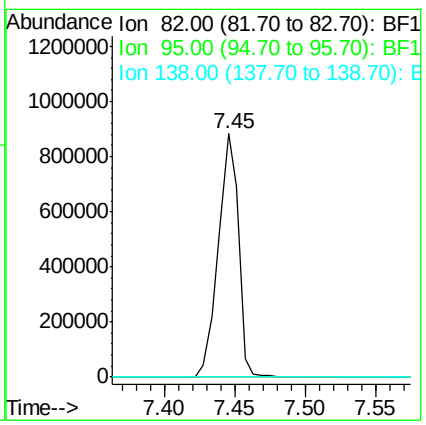


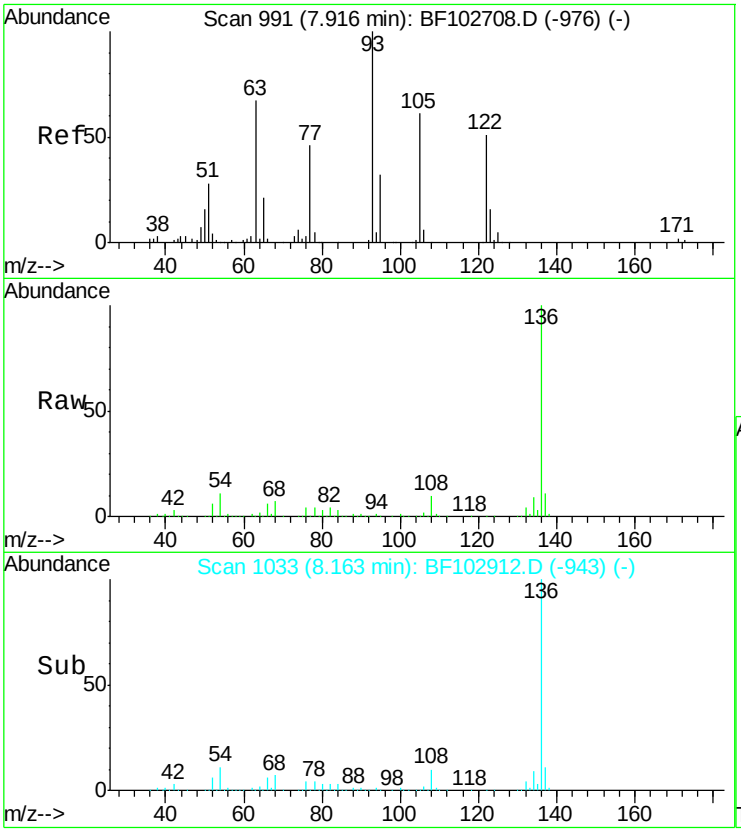


#25
Isophorone
Concen: 35.808 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion: 82 Resp: 881172

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



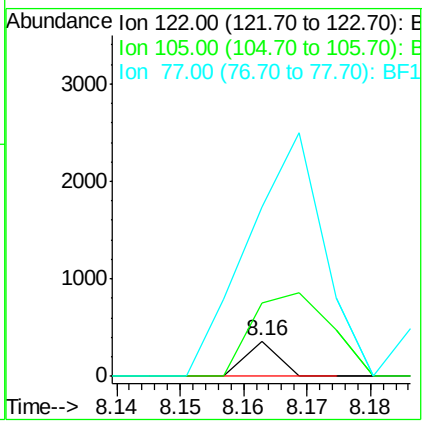


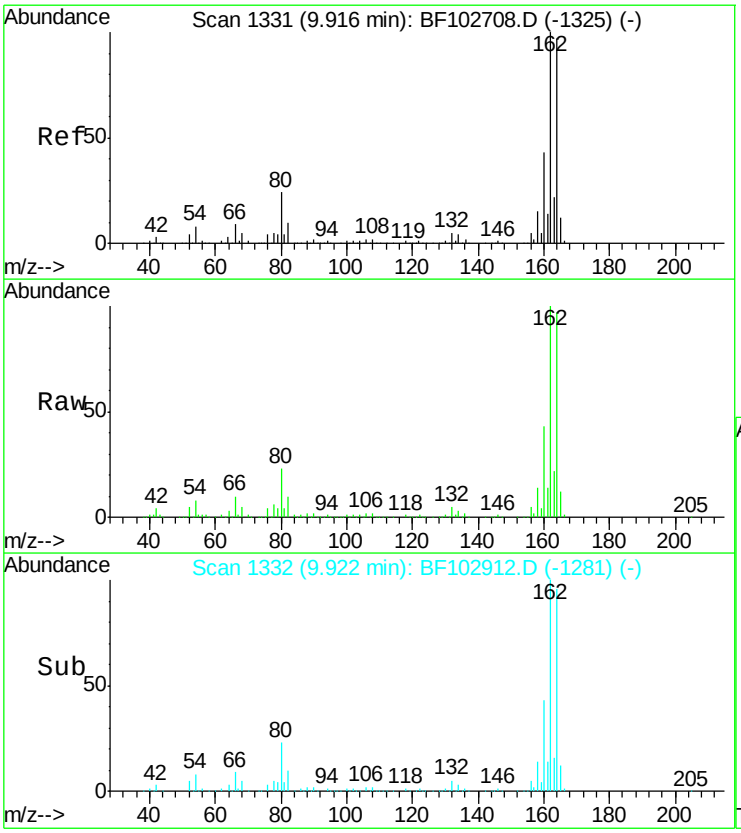
#32
Benzoic acid
Concen: 8.560 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.23 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 127

Ion	Ratio	Lower	Upper
122	100		
105	210.0	101.1	141.1#
77	482.8	70.7	110.7#

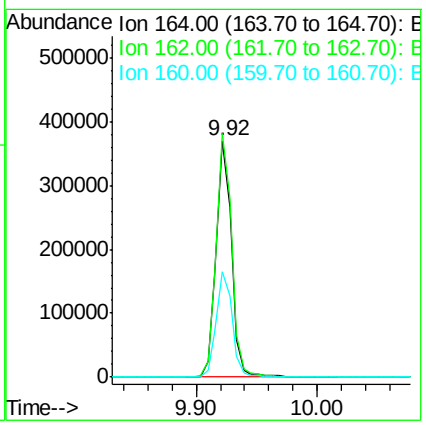


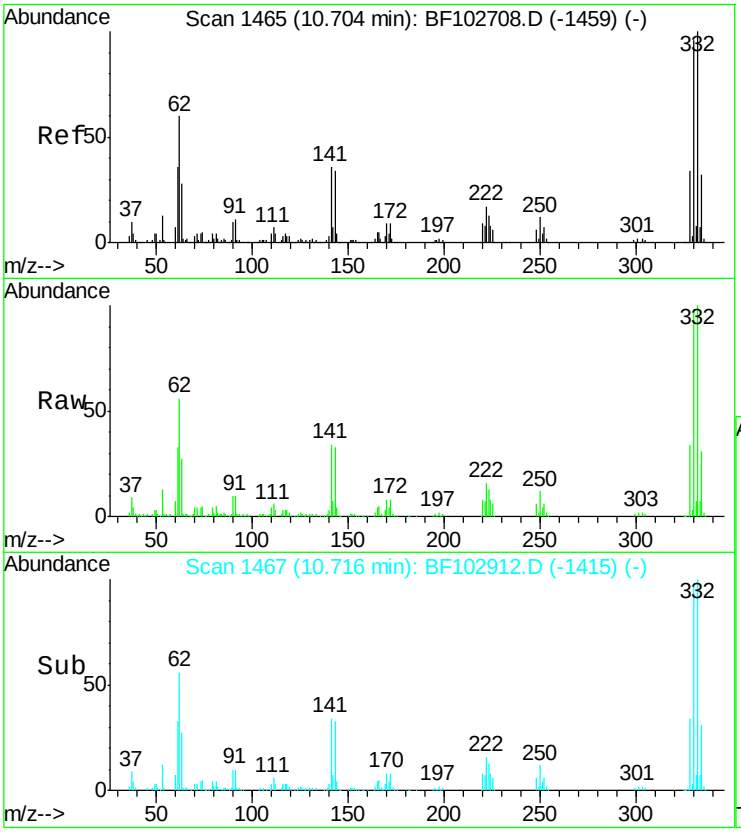


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:164 Resp: 323431

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	44.5	38.3	57.5



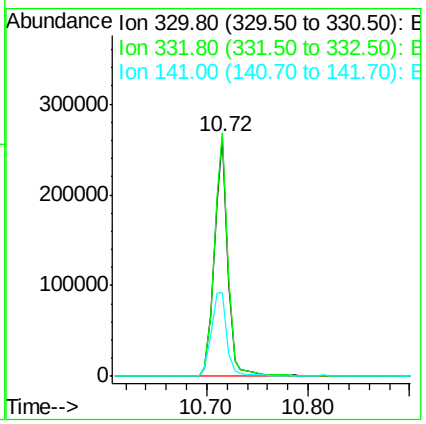


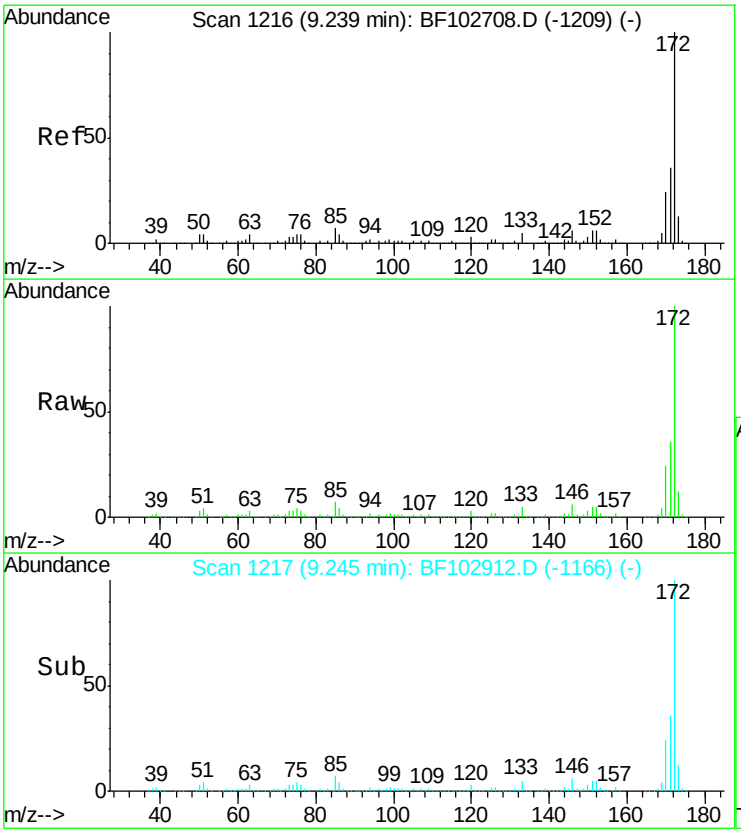
#41
2,4,6-Tribromophenol
Concen: 93.471 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 243327

Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	41.5	29.9	44.9

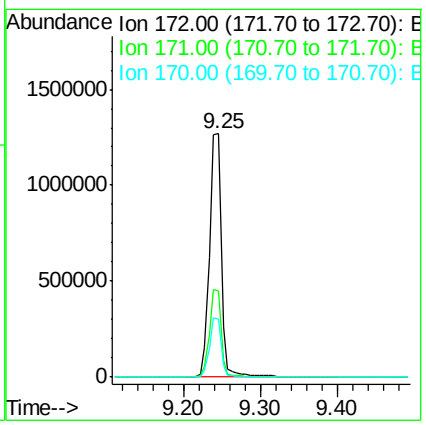


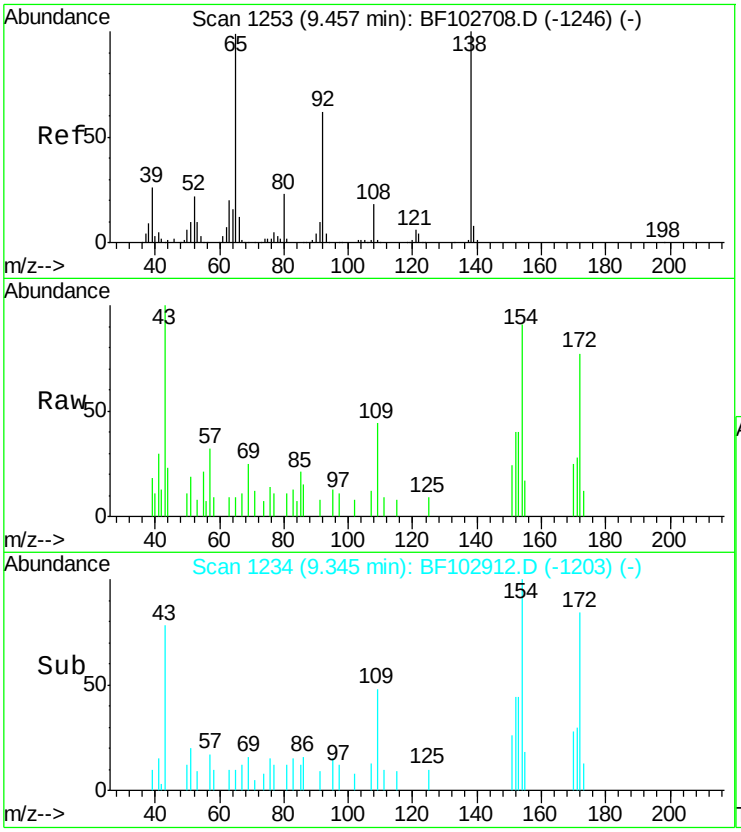


#44
2-Fluorobiphenyl
Concen: 68.953 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:172 Resp: 1343990

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.8	19.6	29.4



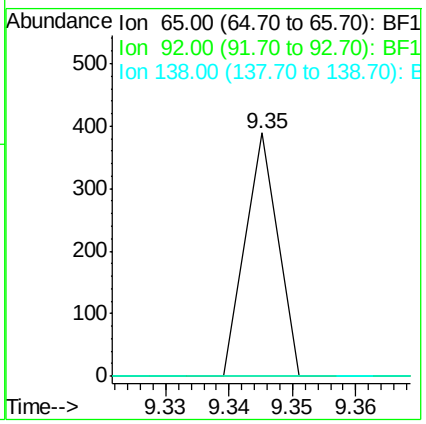


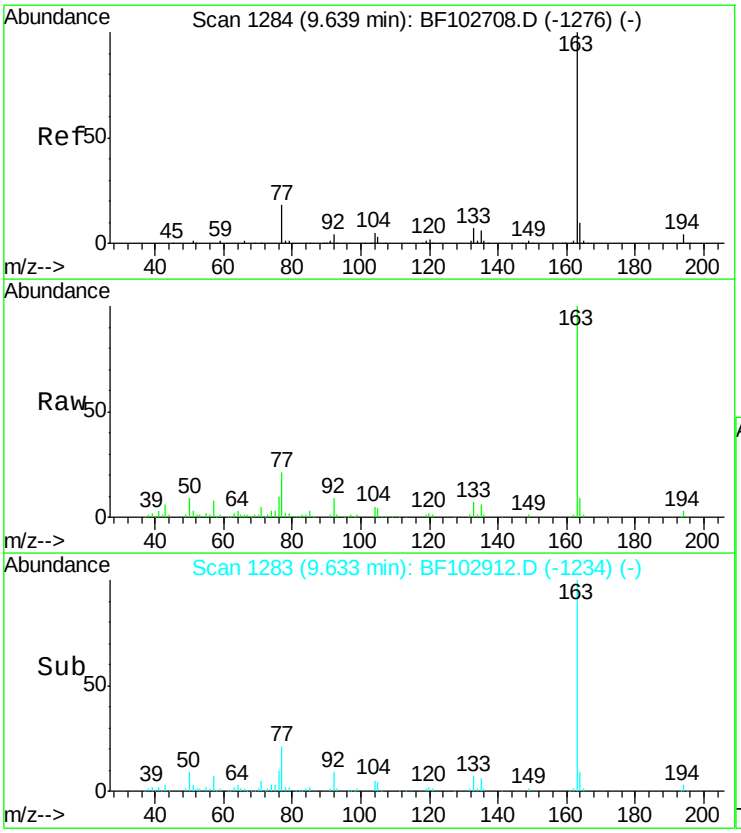
#47
2-Nitroaniline
Concen: 3.491 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.12 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 137

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

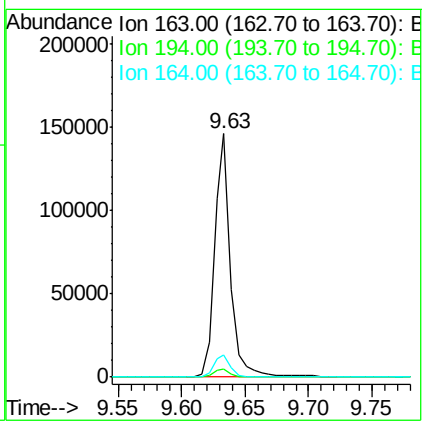


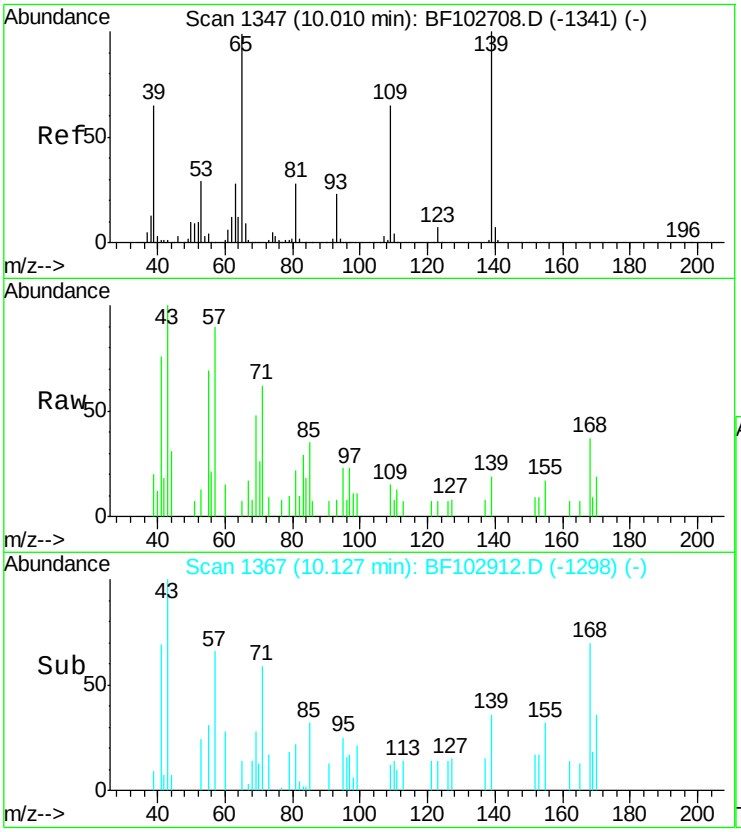


#49
Dimethylphthalate
Concen: 5.081 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:163 Resp: 128129

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.3	8.2	12.2



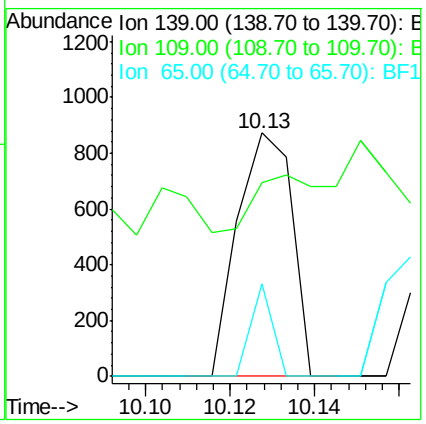


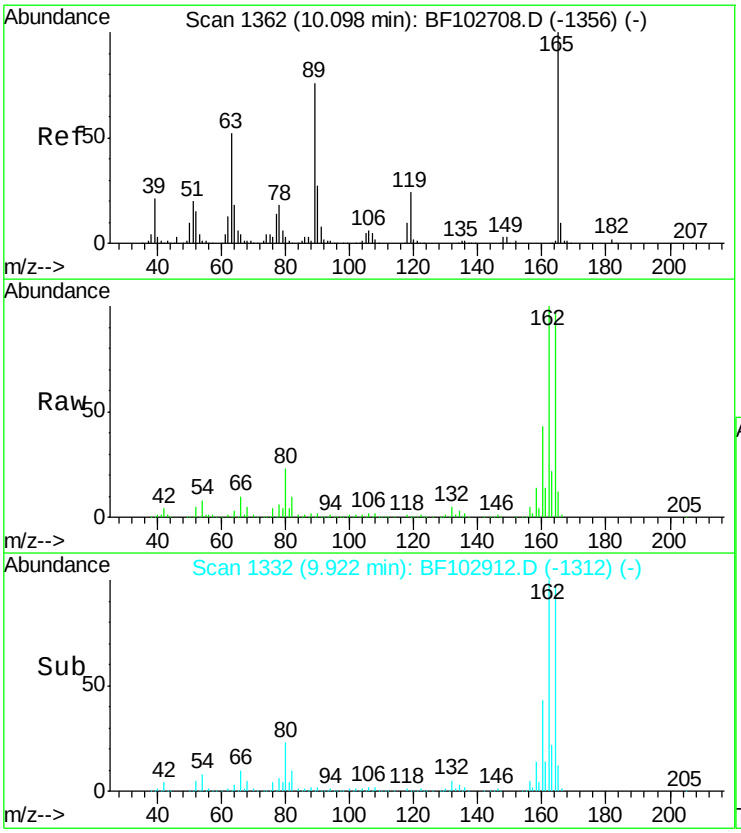
#55
4-Nitrophenol
Concen: 4.177 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 782

Ion	Ratio	Lower	Upper
139	100		
109	79.5	48.4	88.4
65	37.9	72.6	112.6#

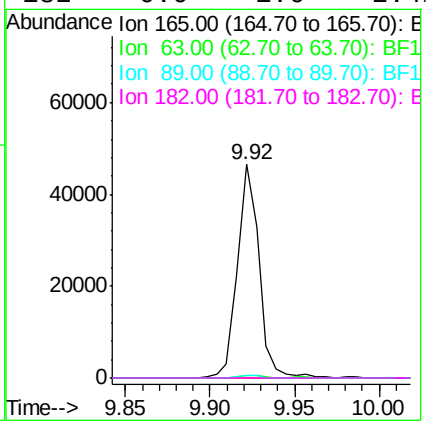


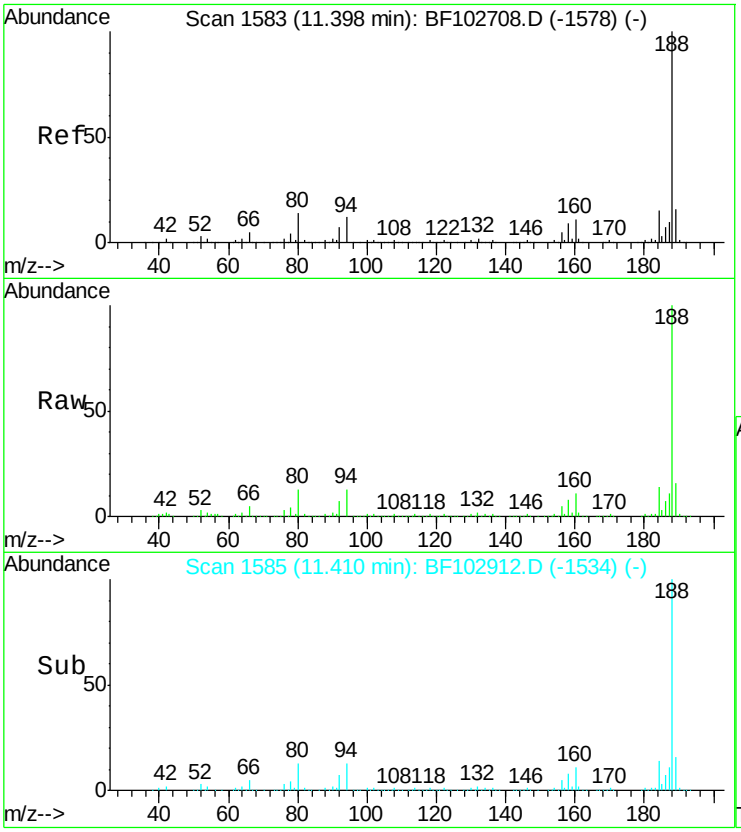


#56
2,4-Dinitrotoluene
Concen: 9.094 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:165 Resp: 41379

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



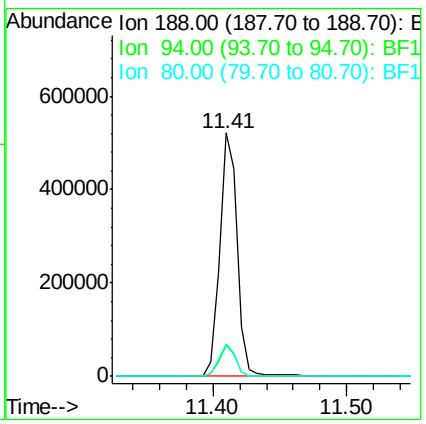


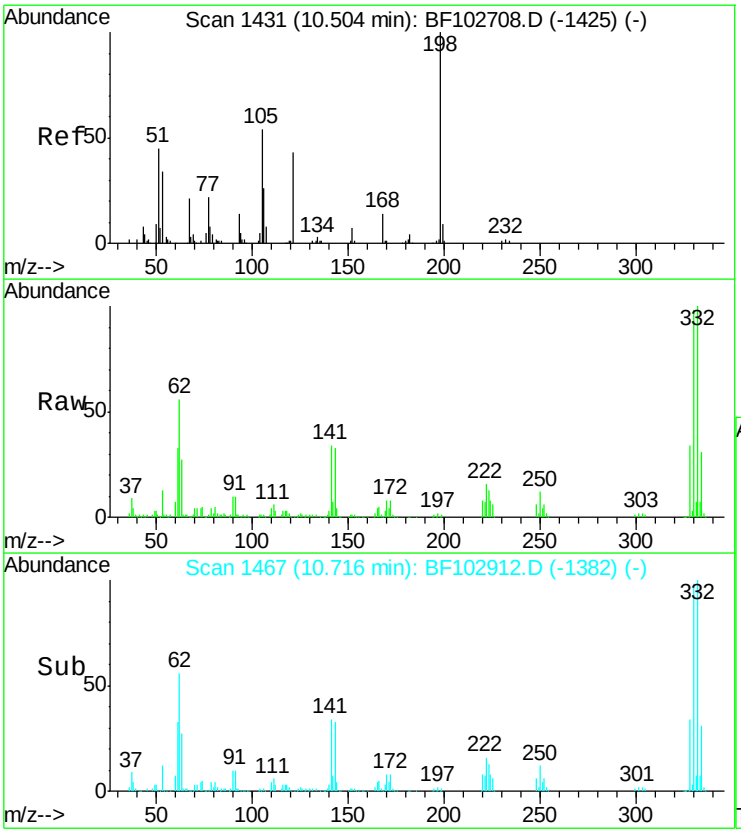
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 483190

Ion	Ratio	Lower	Upper
188	100		
94	12.9	8.5	12.7#
80	13.5	9.2	13.8

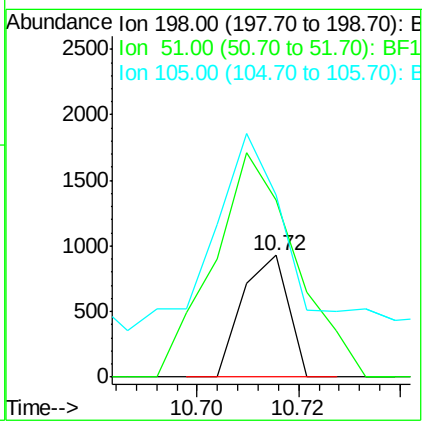


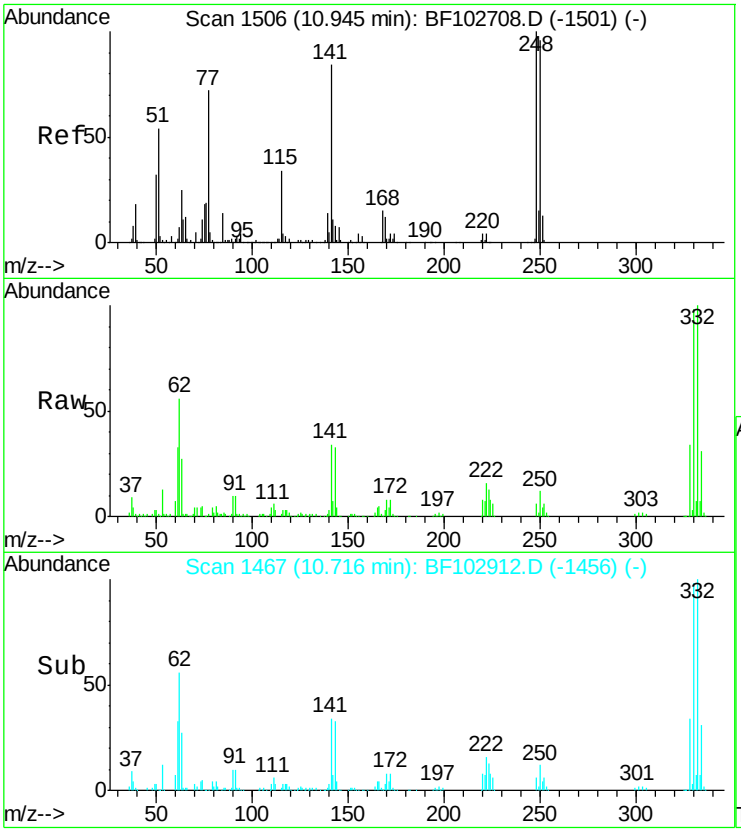


#64
4,6-Dinitro-2-methylphenol
Concen: 9.059 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:198 Resp: 580

Ion	Ratio	Lower	Upper
198	100		
51	145.5	37.7	77.7#
105	149.9	36.3	76.3#



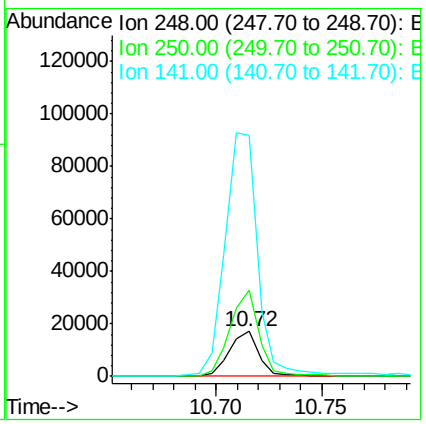


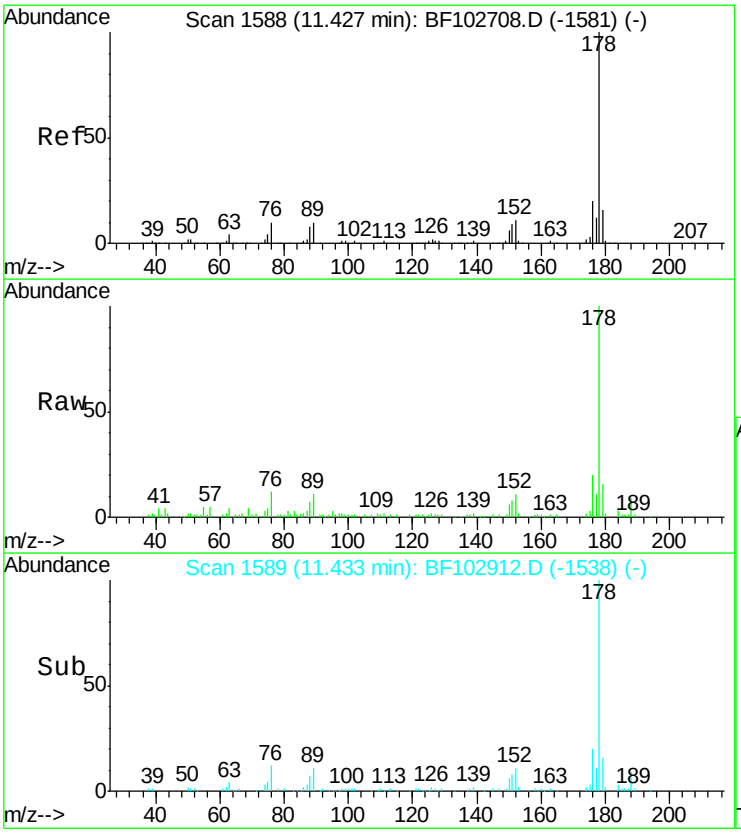
#66
4-Bromophenyl-phenylether
Concen: 3.271 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16719

Ion	Ratio	Lower	Upper
248	100		
250	191.8	76.9	115.3#
141	534.6	74.4	111.6#

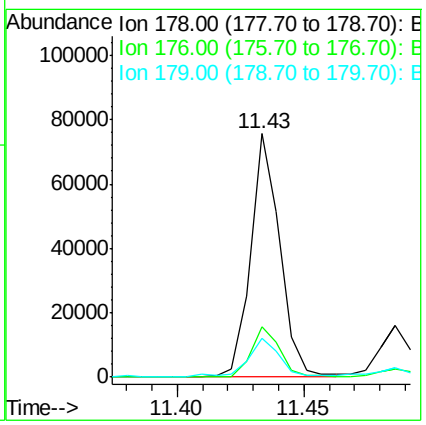


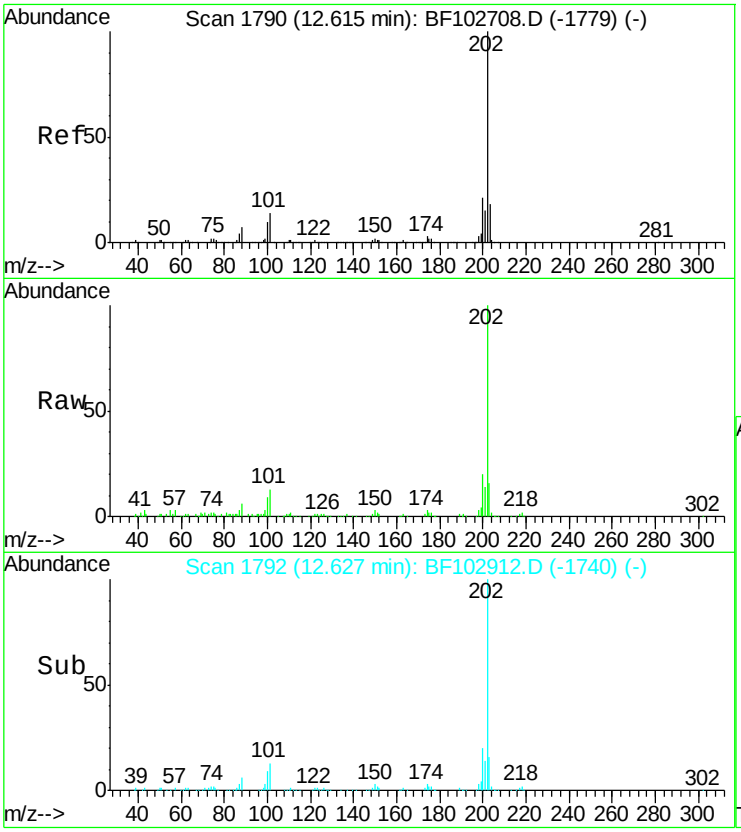


#70
Phenanthrene
Concen: 2.254 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:178 Resp: 60666

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.1	13.0	19.6



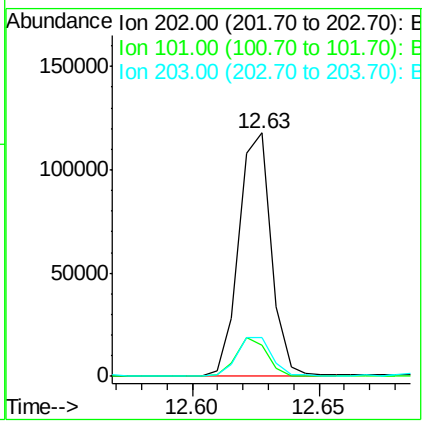


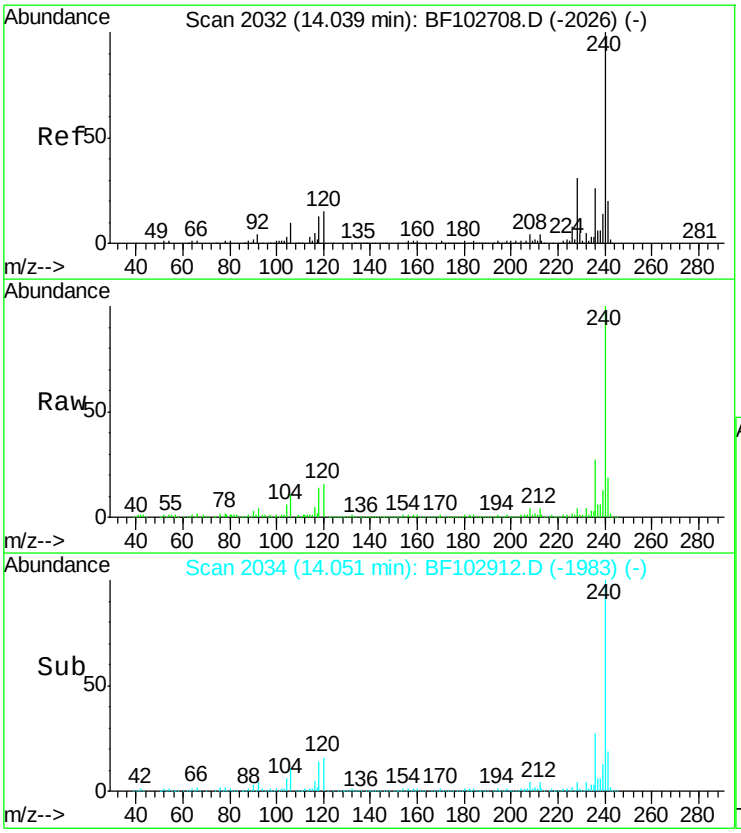
#74
Fluoranthene
Concen: 3.880 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 105055

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	16.0	0.0	38.1

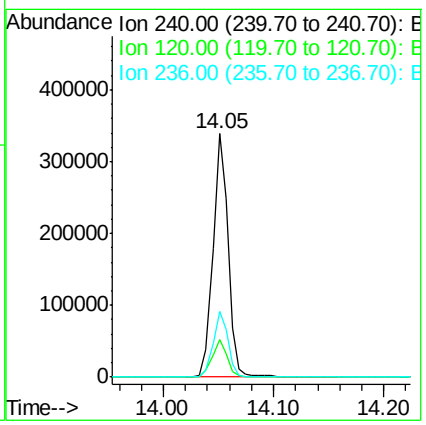


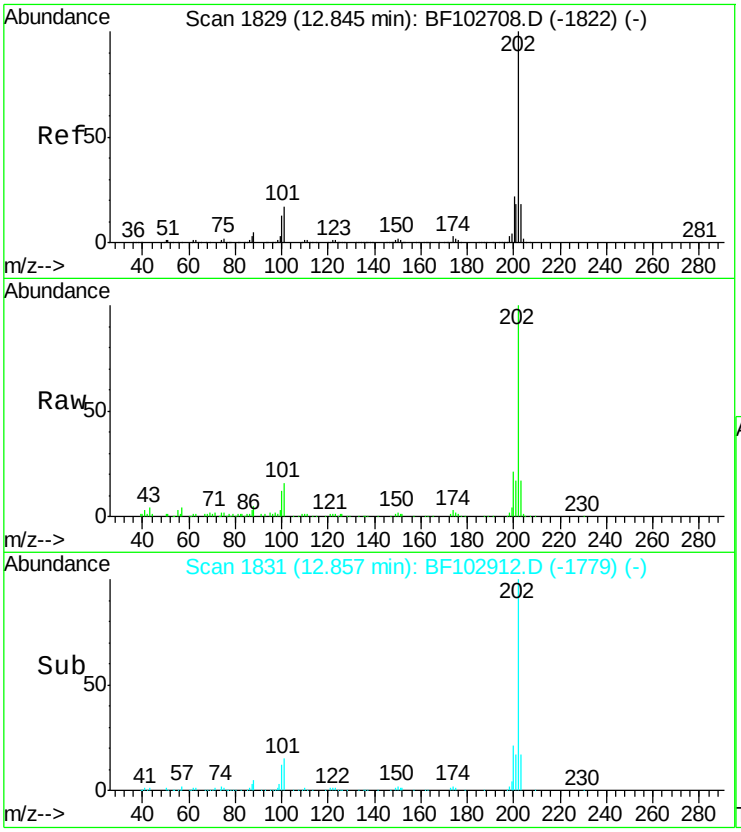


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:240 Resp: 320685

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	27.0	20.7	31.1



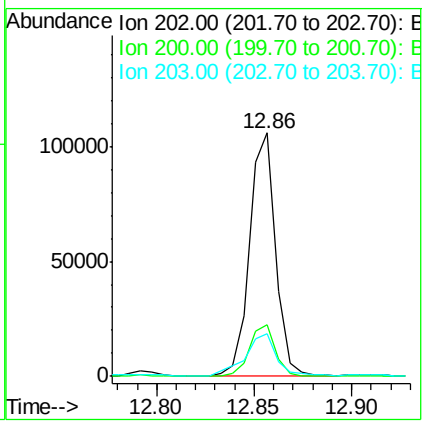


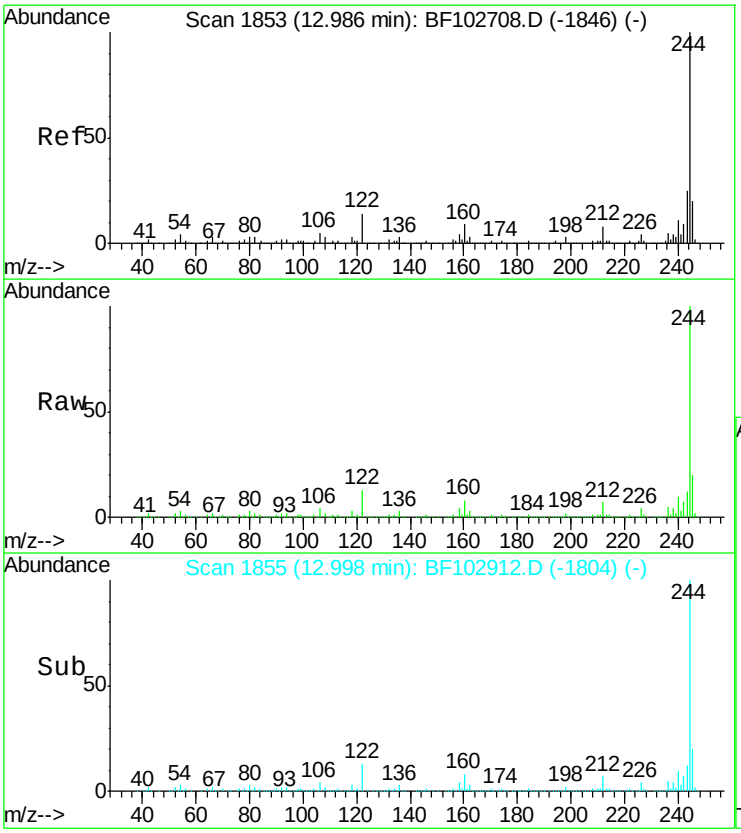
#77
Pyrene
Concen: 3.918 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 98522

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.5	14.3	21.5

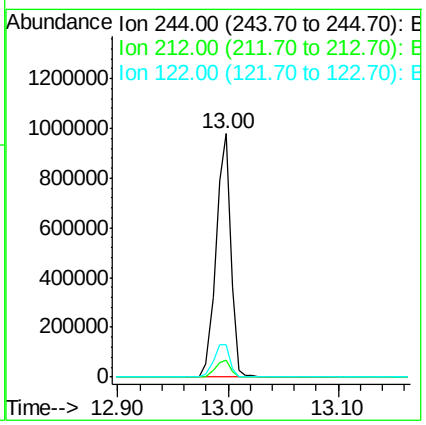


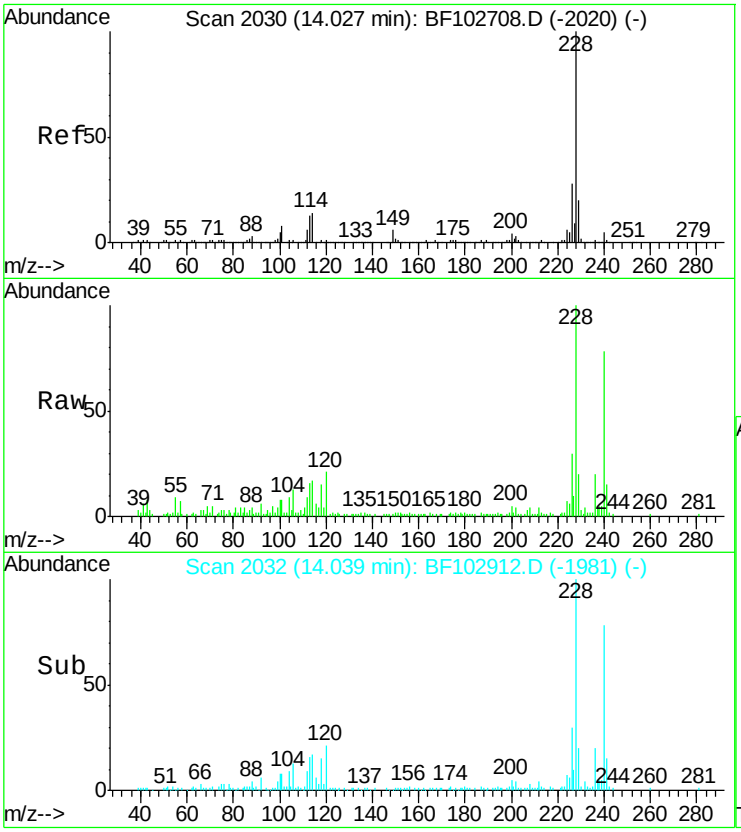


#78
Terphenyl-d14
Concen: 66.816 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:244 Resp: 904939

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.2	11.0	16.4



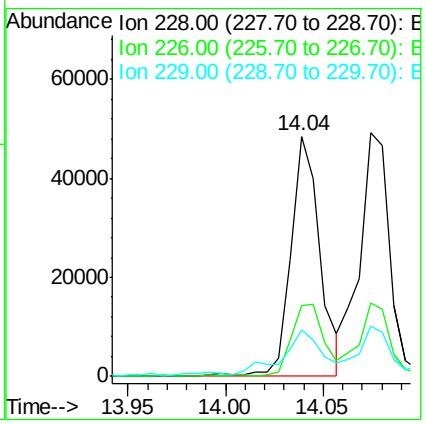


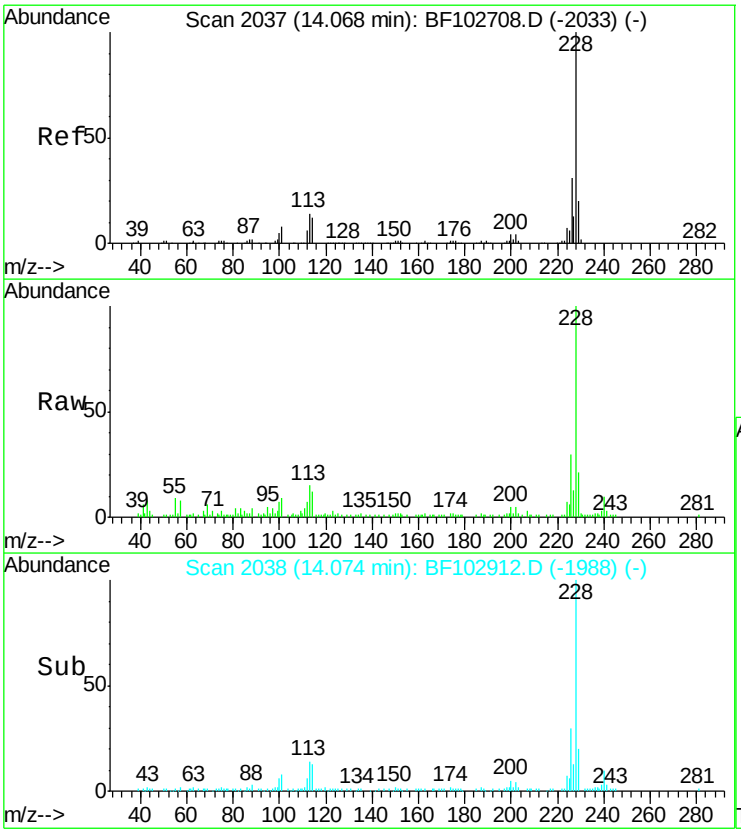
#80
Benzo(a)anthracene
Concen: 2.492 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 50254

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	19.5	15.8	23.6

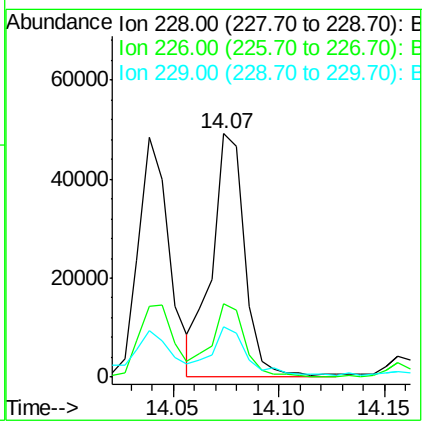


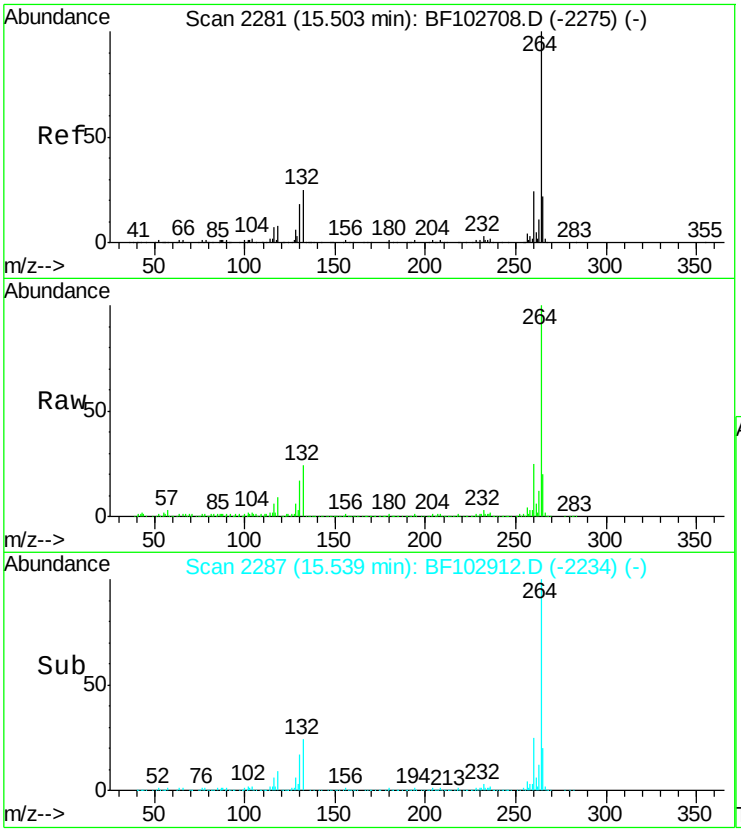


#82
Chrysene
Concen: 2.628 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:228 Resp: 53437

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.8	16.2	24.4



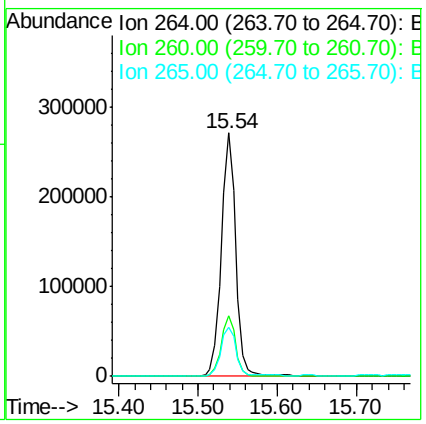


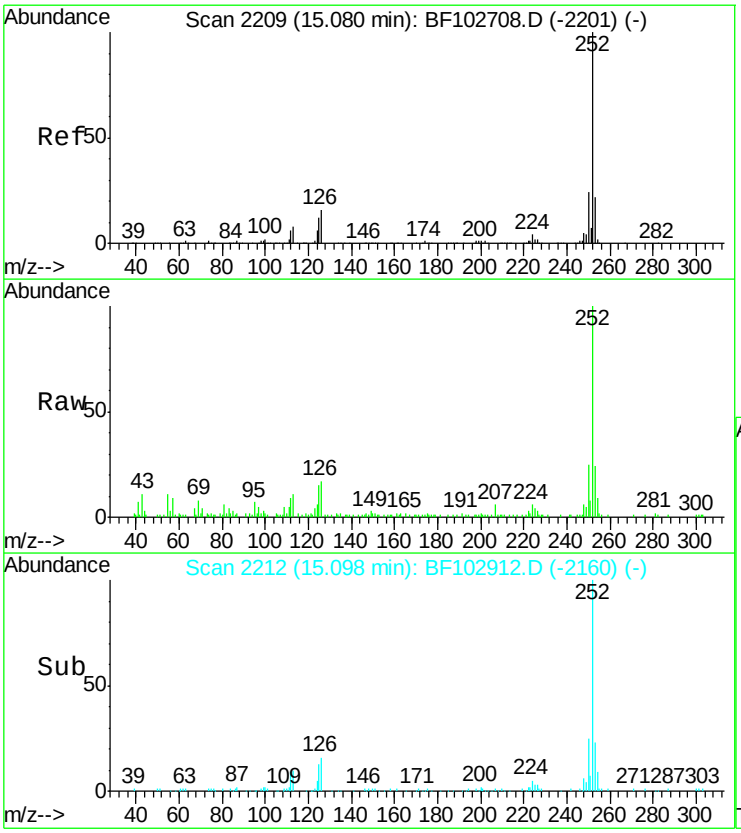
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 342088

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	20.4	17.5	26.3

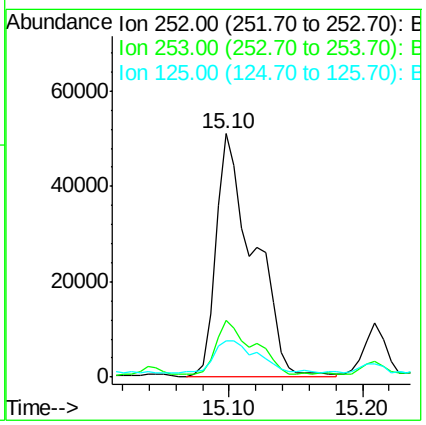


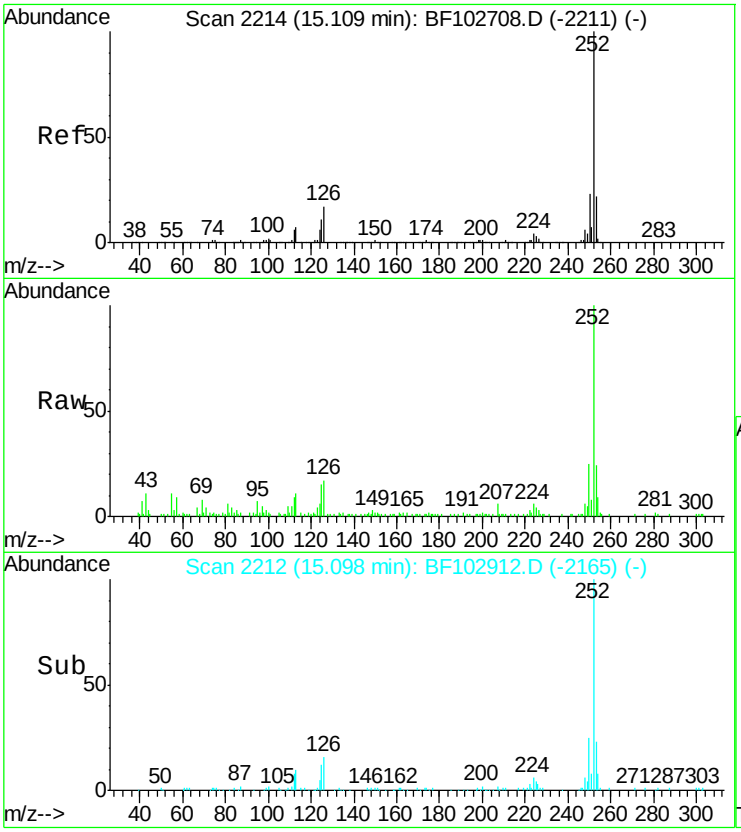


#87
Benzo(b)fluoranthene
Concen: 4.549 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:252 Resp: 100901

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	14.7	9.0	13.6#



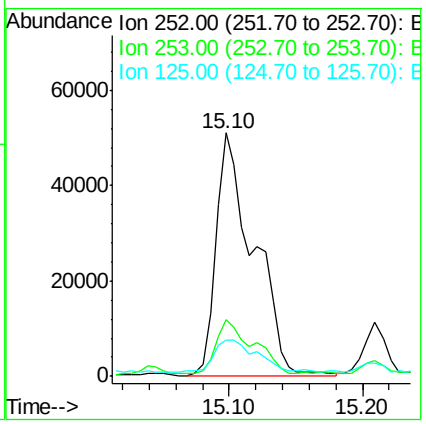


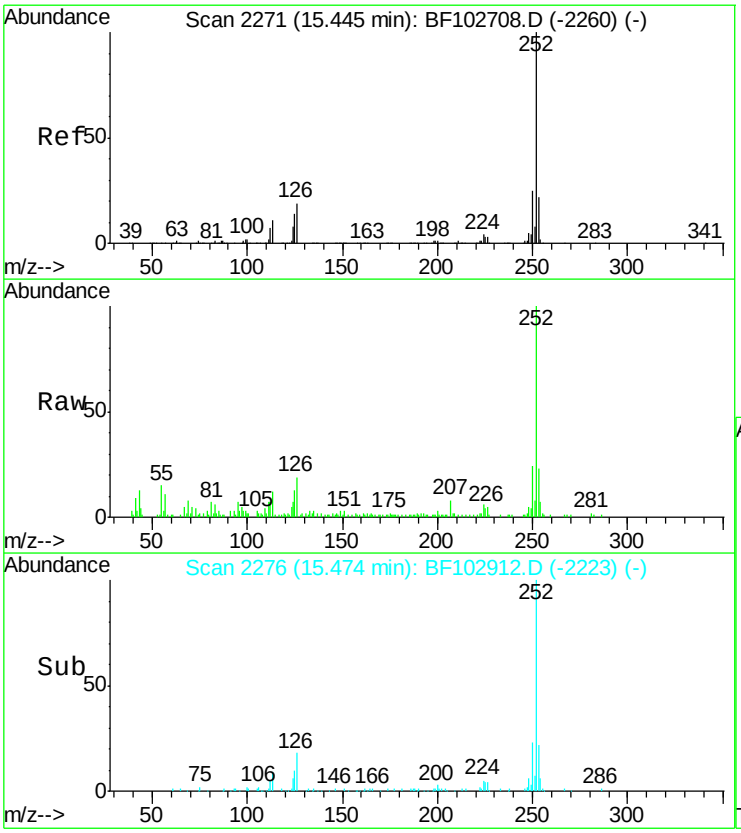
#88
Benzo(k)fluoranthene
Concen: 4.761 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :

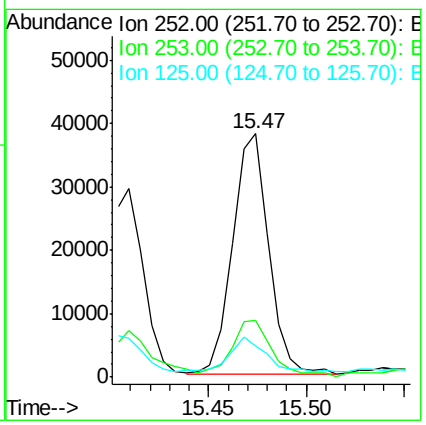
Tgt Ion:252 Resp: 100901

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	14.7	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.453 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion:252 Resp: 48979

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	13.0	9.8	14.6