Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102913.D
Acq On : 12 Feb 2018 11:56
Operator : SJ/JU
Sample : J1512-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 12 12:50:42 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	187075	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	781319	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	346779	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	556365	20.00	ng		0.00
75) Chrysene-d12	14.05	240	353383	20.00	ng		0.00
86) Perylene-d12	15.54	264	359132	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1200858	97.49	ng		0.01
7) Phenol-d6	6.52	99	1425617	96.12	ng		0.01
23) Nitrobenzene-d5	7.45	82	929672	82.54	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	269650	96.61	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1396437	66.82	ng		0.00
78) Terphenyl-d14	13.00	244	1024618	68.65	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	32647	2.054	ng		88
19) n-Nitroso-di-n-propylamine	7.45	70	126461	12.932	ng	#	81
25) Isophorone	7.45	82	929653	35.846	ng	#	64
32) Benzoic acid	8.17	122	109	8.556	ng	#	1
47) 2-Nitroaniline	9.35	65	378	3.522	ng	#	2
49) Dimethylphthalate	9.63	163	105974	3.919	ng		99
50) 2,6-Dinitrotoluene	9.92	165	44713	8.692	ng	#	26
55) 4-Nitrophenol	10.13	139	1581	4.313	ng	#	27
56) 2,4-Dinitrotoluene	9.92	165	44714	9.141	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.72	198	612	9.037	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	17726	3.012	ng	#	1
70) Phenanthrene	11.43	178	63387	2.046	ng		100
74) Fluoranthene	12.62	202	107570	3.450	ng		96
77) Pyrene	12.85	202	97100	3.504	ng		98
80) Benzo(a)anthracene	14.04	228	45738	2.058	ng		97
82) Chrysene	14.07	228	48090	2.147	ng		100
87) Benzo(b)fluoranthene	15.10	252	83638	3.592	ng	#	93
88) Benzo(k)fluoranthene	15.10	252	83638	3.759	ng	#	96
89) Benzo(a)pyrene	15.47	252	42693	2.037	ng	#	95

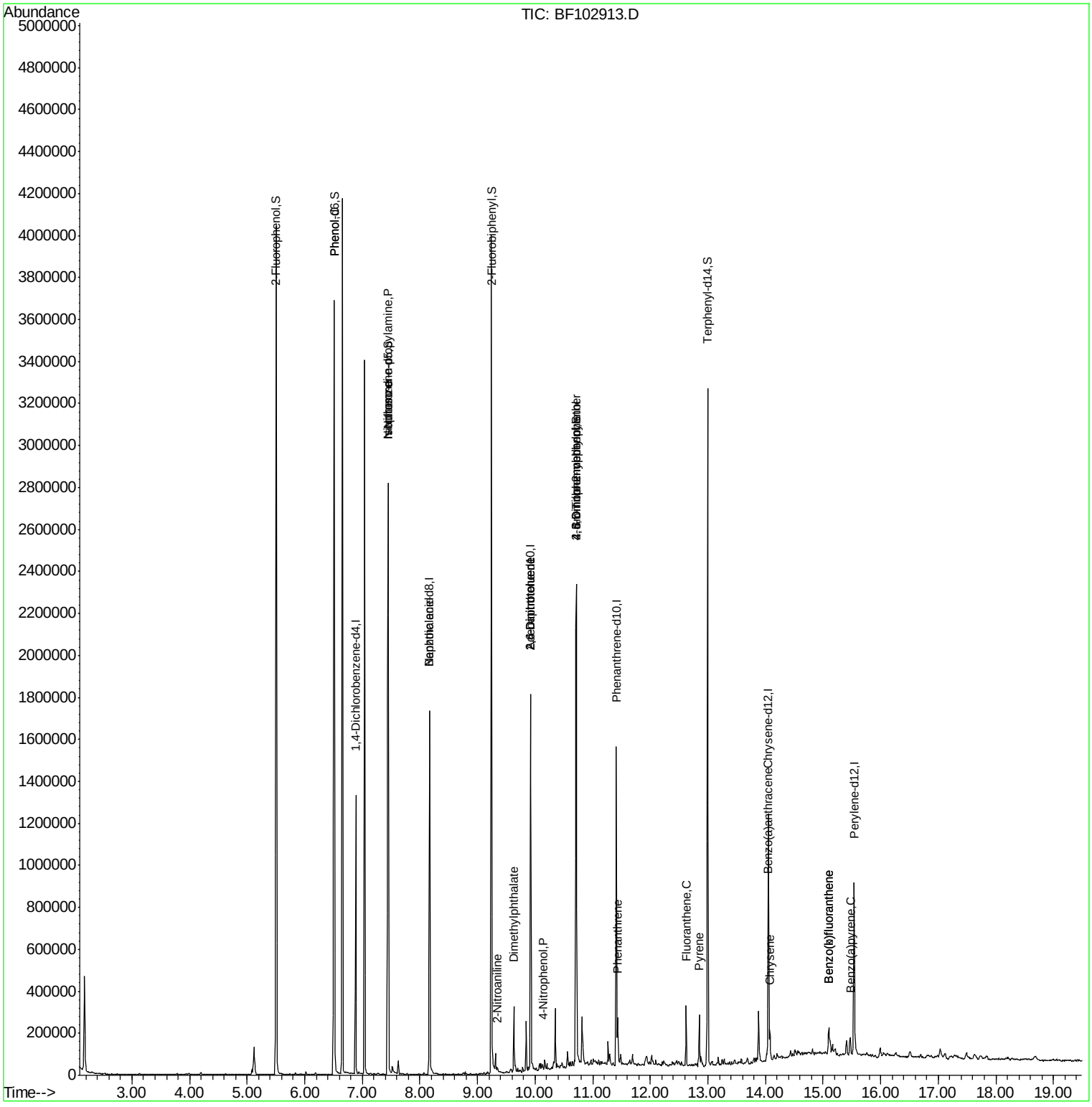
(#) = qualifier out of range (m) = manual integration (+) = signals summed

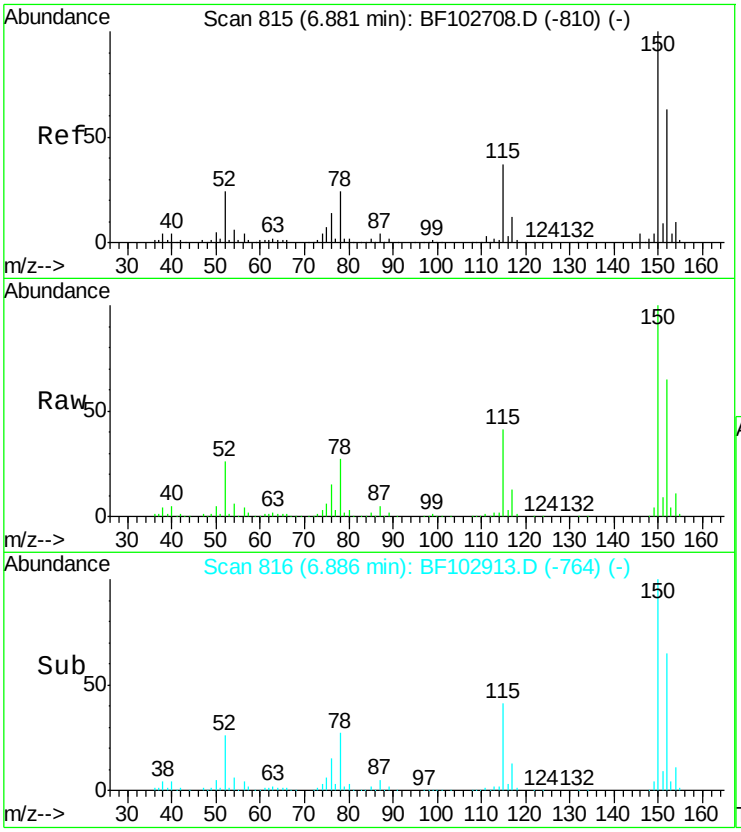
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102913.D
Acq On : 12 Feb 2018 11:56
Operator : SJ/JU
Sample : J1512-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 12 12:50:42 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



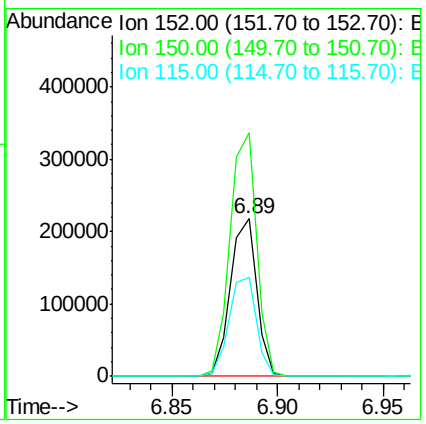


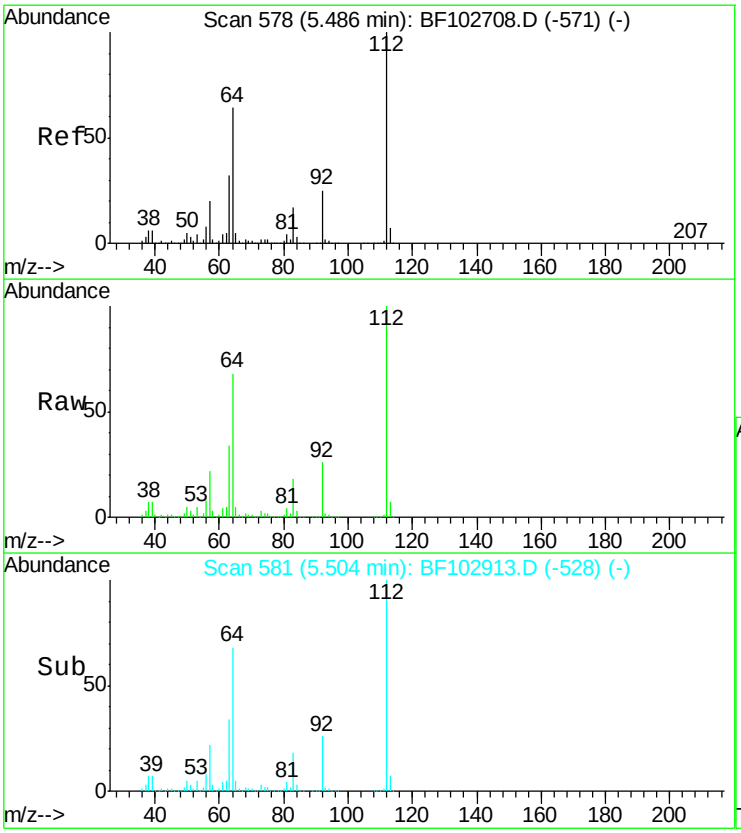
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 187075

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	62.7	50.1	75.1

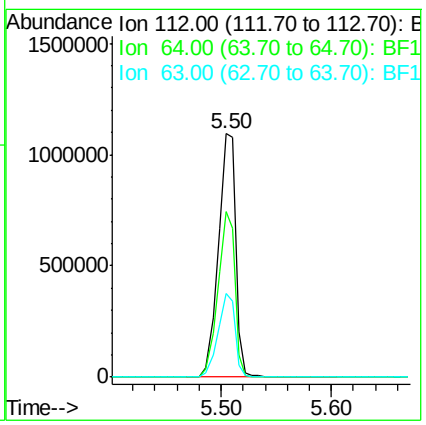


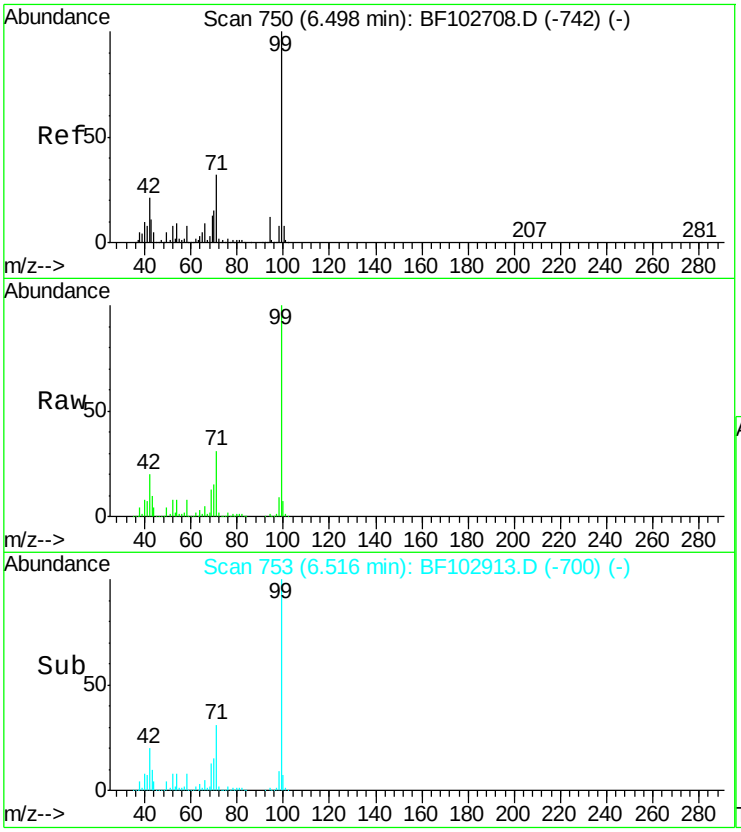


#5
2-Fluorophenol
Concen: 97.485 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:112 Resp: 1200858

Ion	Ratio	Lower	Upper
112	100		
64	67.8	47.9	71.9
63	34.3	23.7	35.5



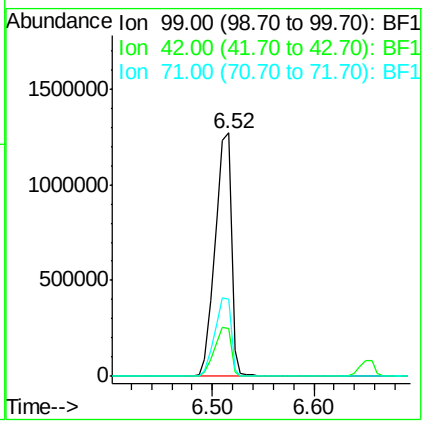


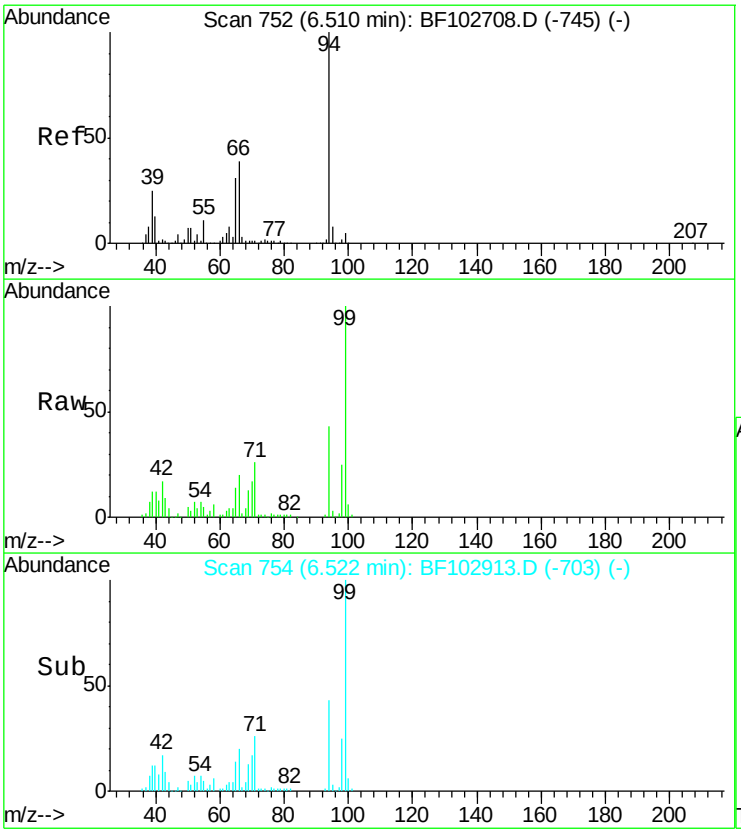
#7
Phenol-d6
Concen: 96.117 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1425617

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	31.5	25.4	38.0

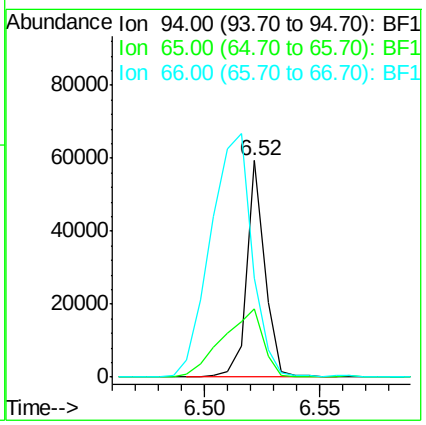


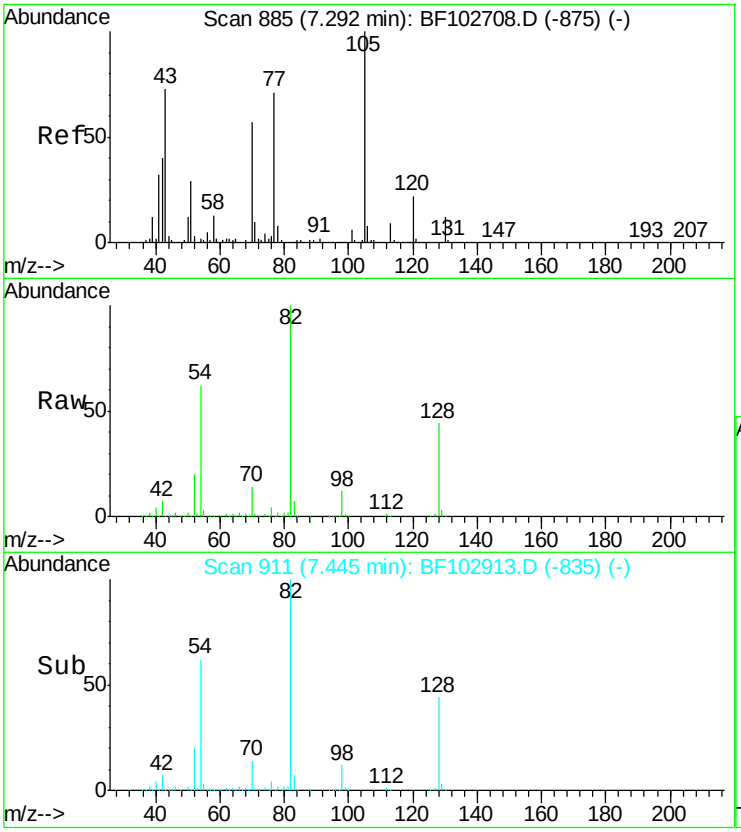


#10
Phenol
Concen: 2.054 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion: 94 Resp: 32647

Ion	Ratio	Lower	Upper
94	100		
65	31.6	7.9	47.9
66	45.8	16.2	56.2



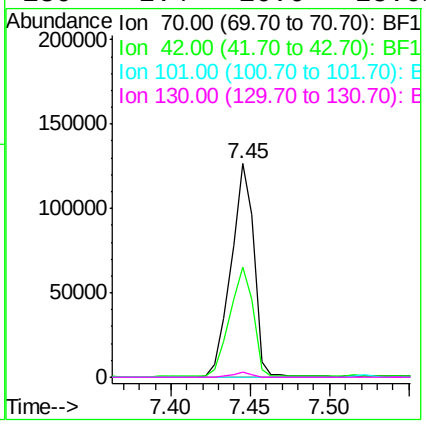


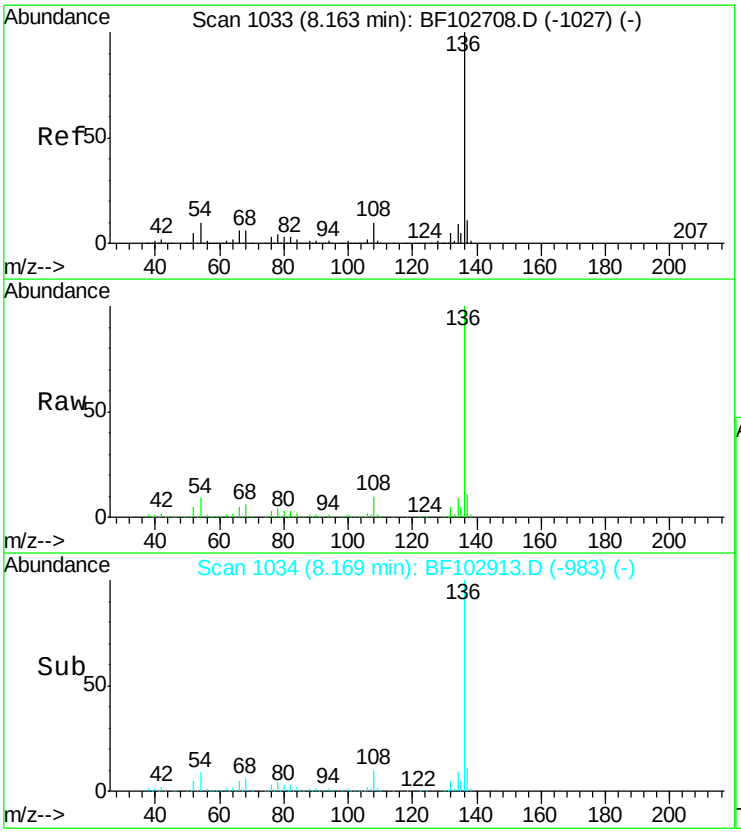
#19
n-Nitroso-di-n-propylamine
Concen: 12.932 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 126461

Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

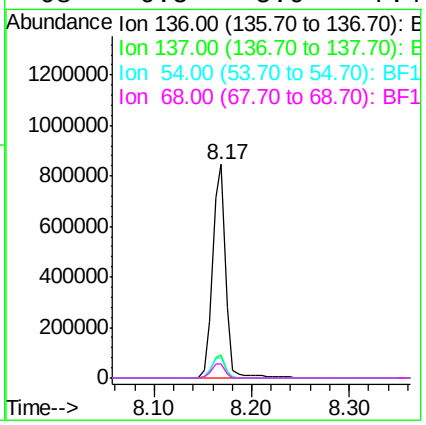


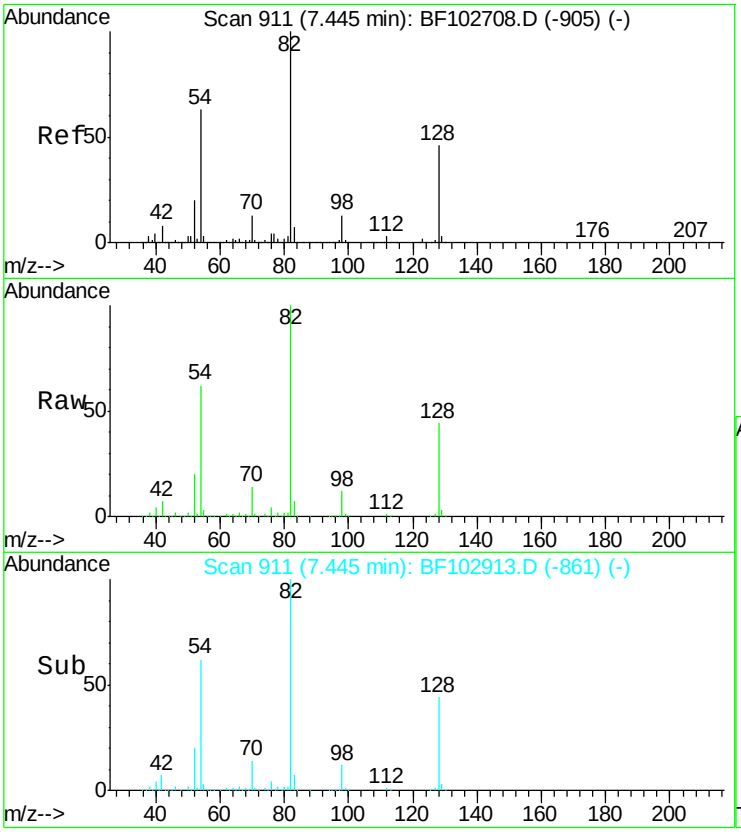


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:136 Resp: 781319

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	6.5	5.0	7.4



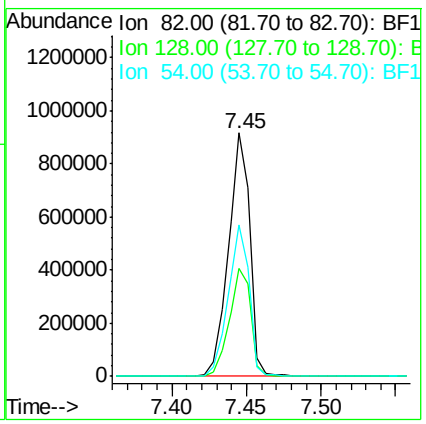


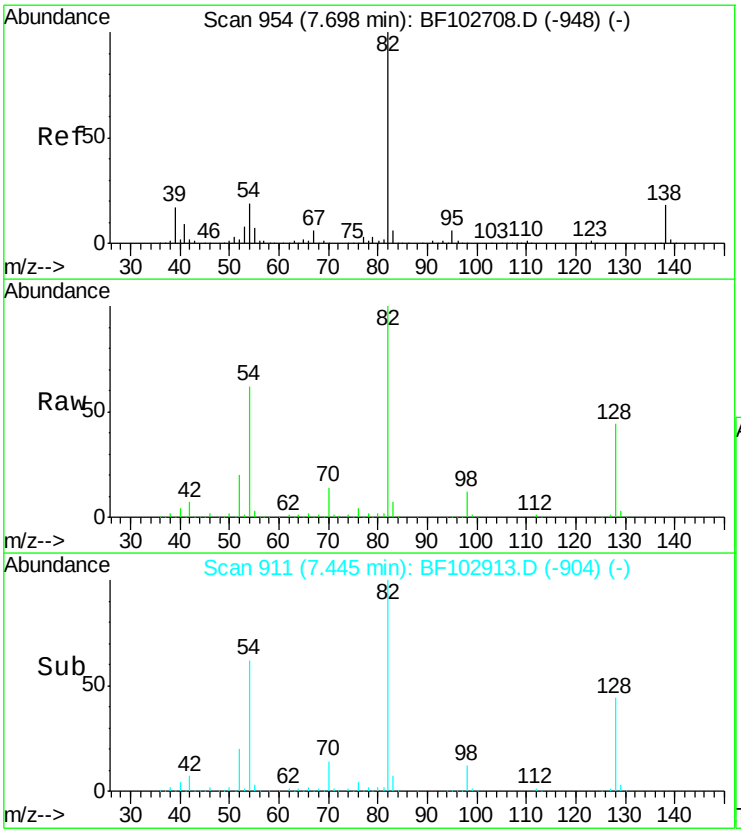
#23
Nitrobenzene-d5
Concen: 82.542 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 929672

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	62.0	41.4	62.2

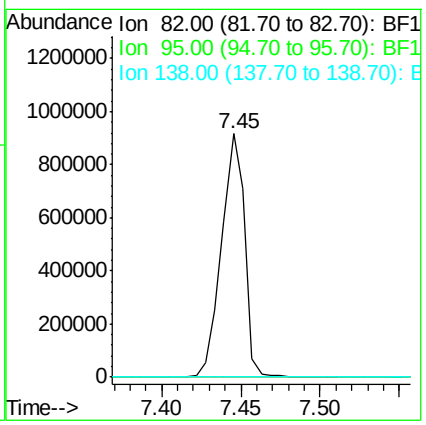


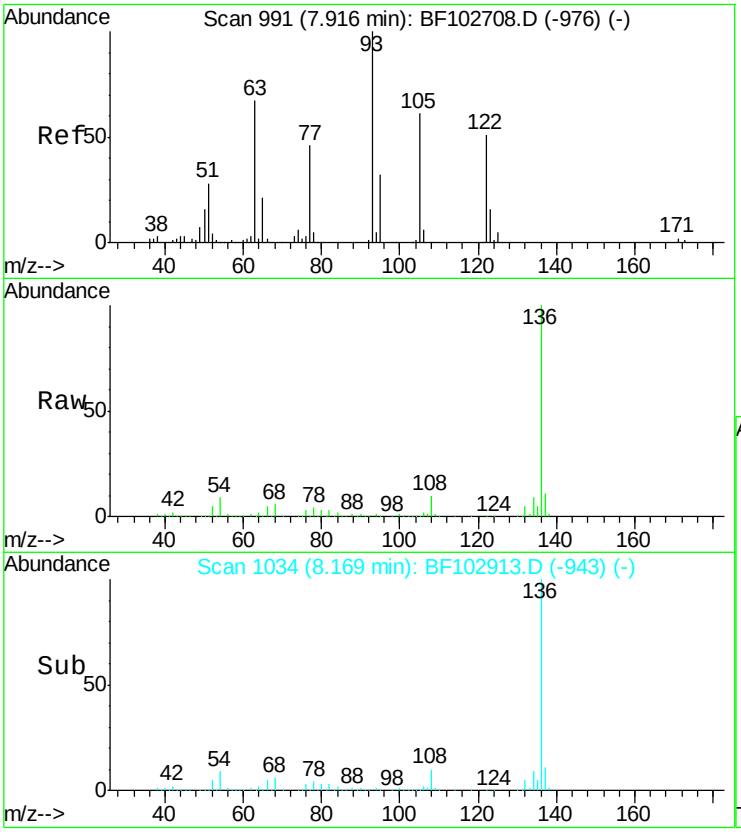


#25
Isophorone
Concen: 35.846 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion: 82 Resp: 929653

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



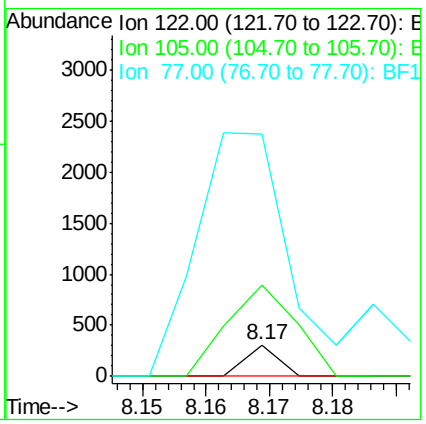


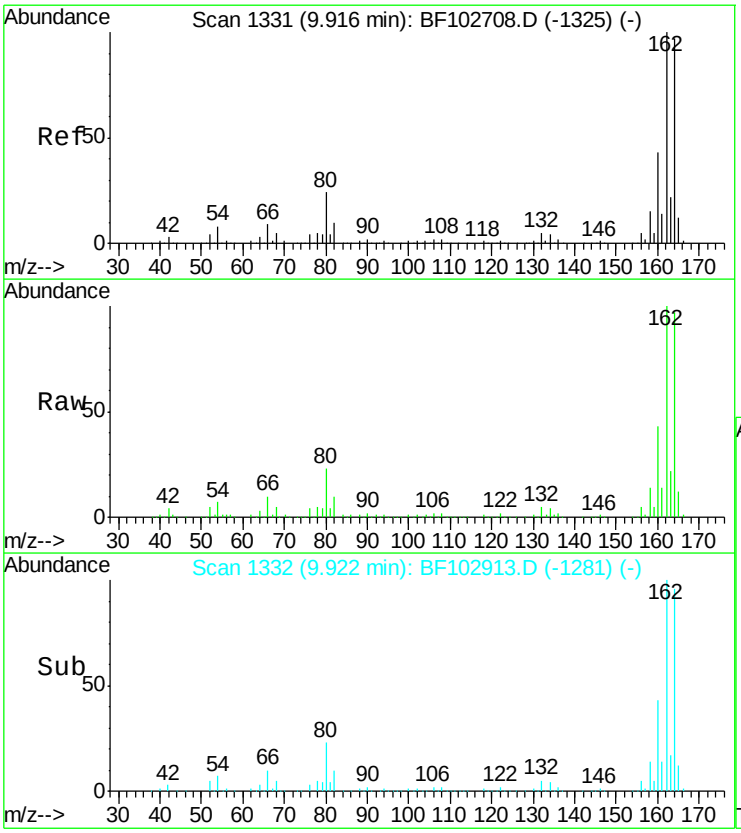
#32
Benzoic acid
Concen: 8.556 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.24 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	290.3	101.1	141.1#
77	768.6	70.7	110.7#

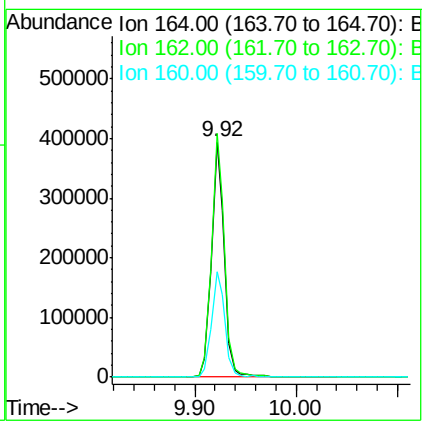


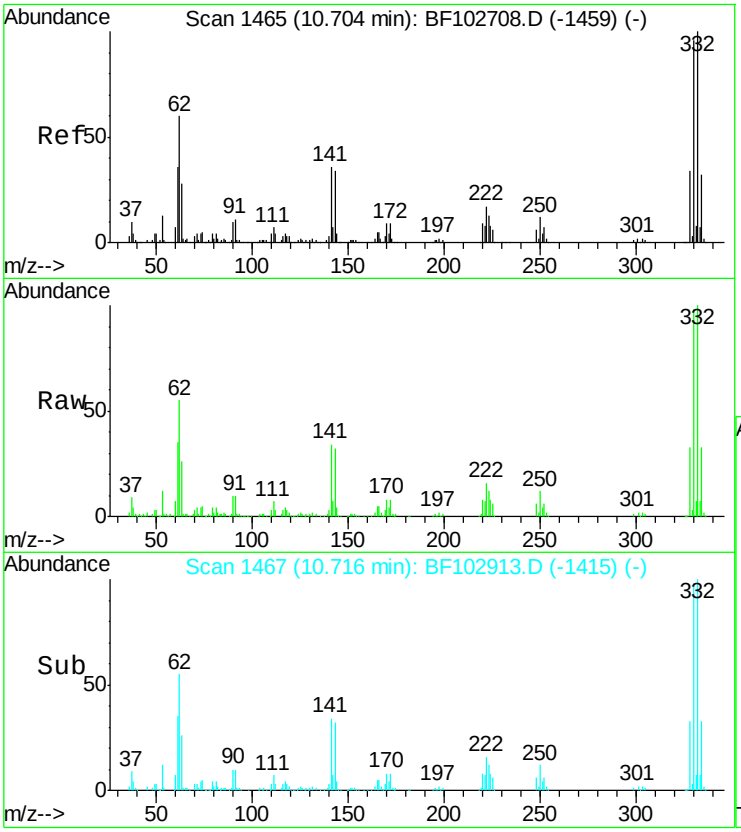


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:164 Resp: 346779

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	44.7	38.3	57.5



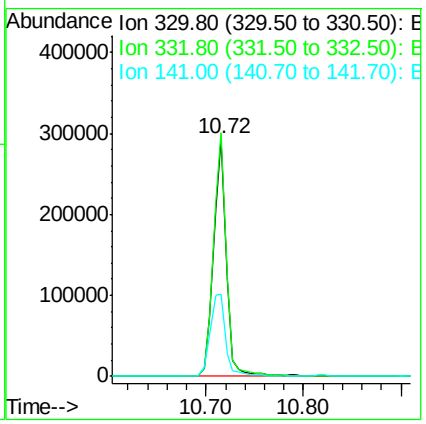


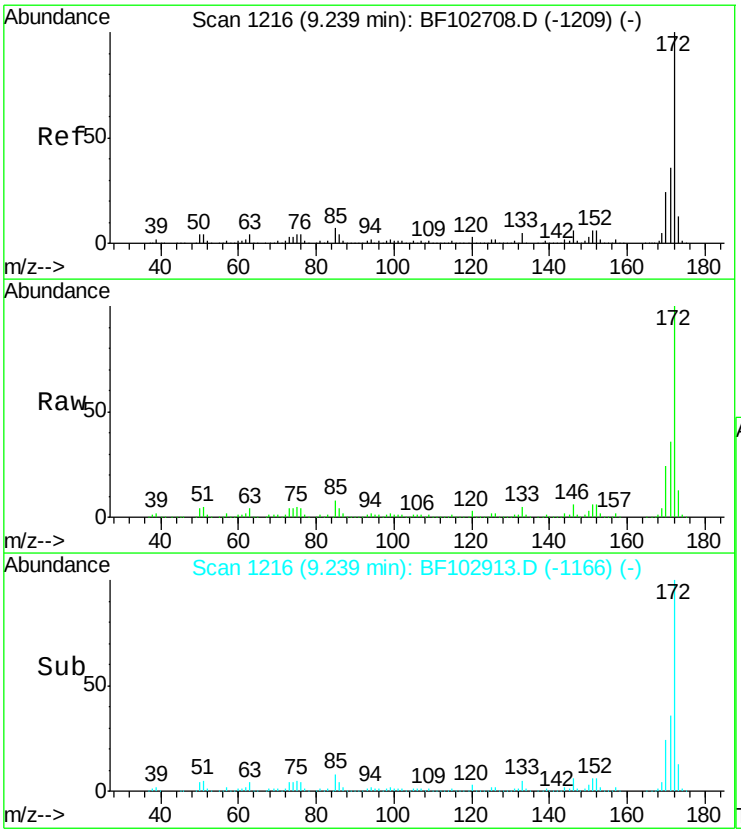
#41
2,4,6-Tribromophenol
Concen: 96.608 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 269650

Ion	Ratio	Lower	Upper
330	100		
332	103.2	77.0	115.6
141	41.9	29.9	44.9

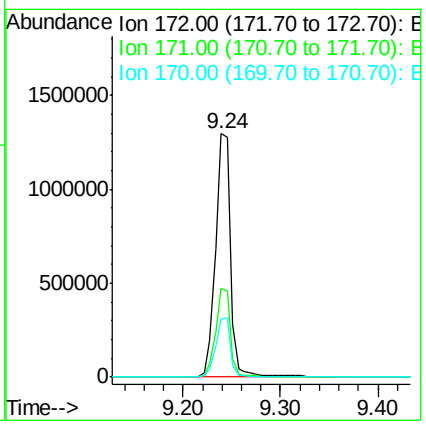


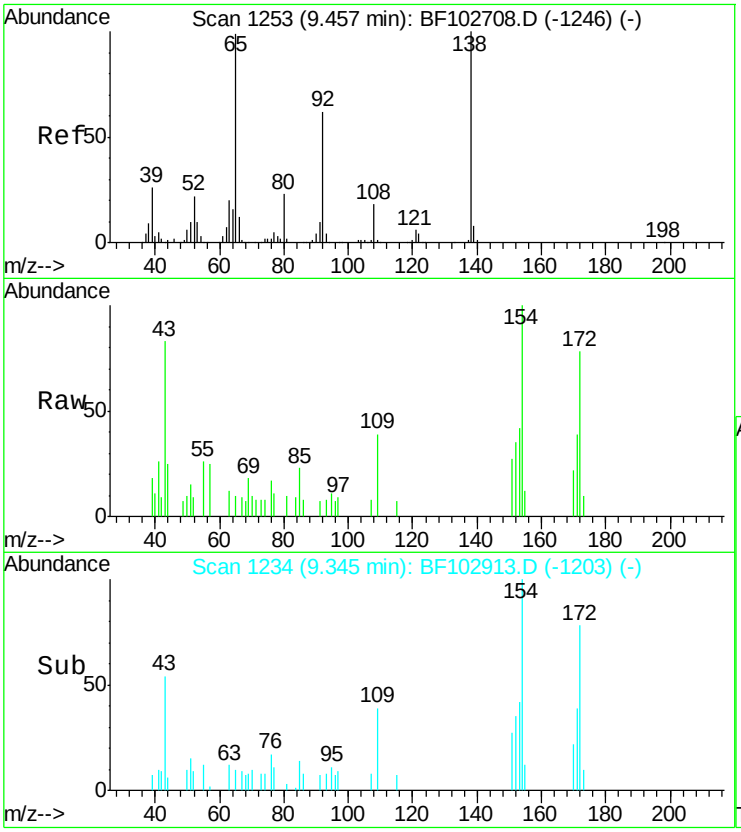


#44
2-Fluorobiphenyl
Concen: 66.820 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:172 Resp: 1396437

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4



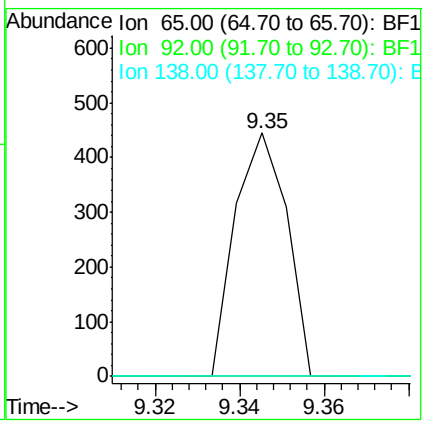


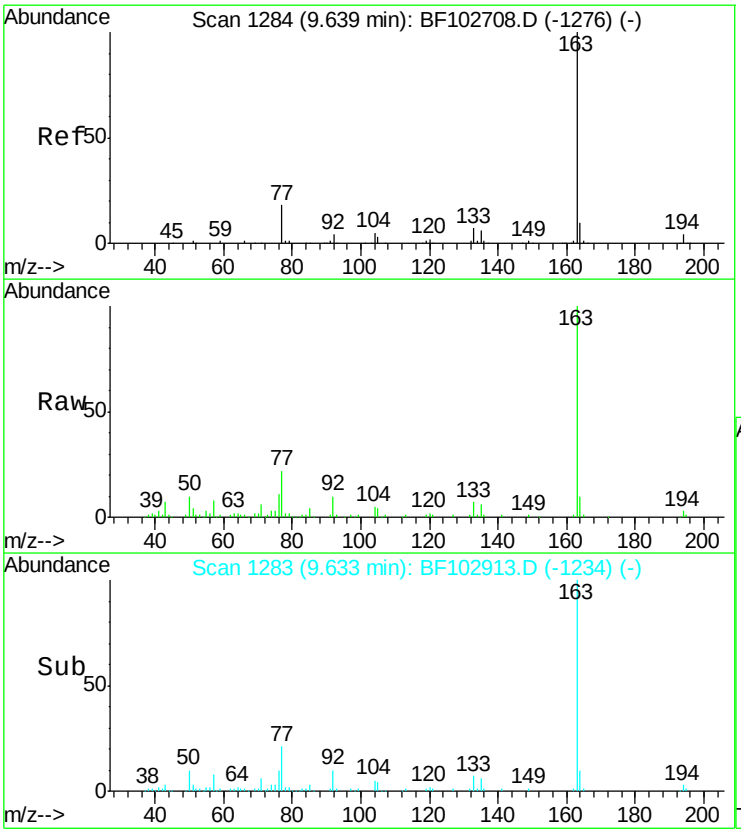
#47
2-Nitroaniline
Concen: 3.522 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.12 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 378

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

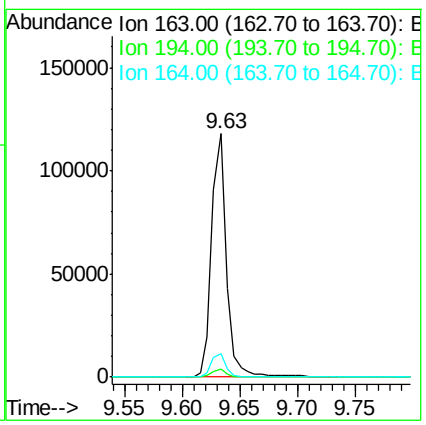


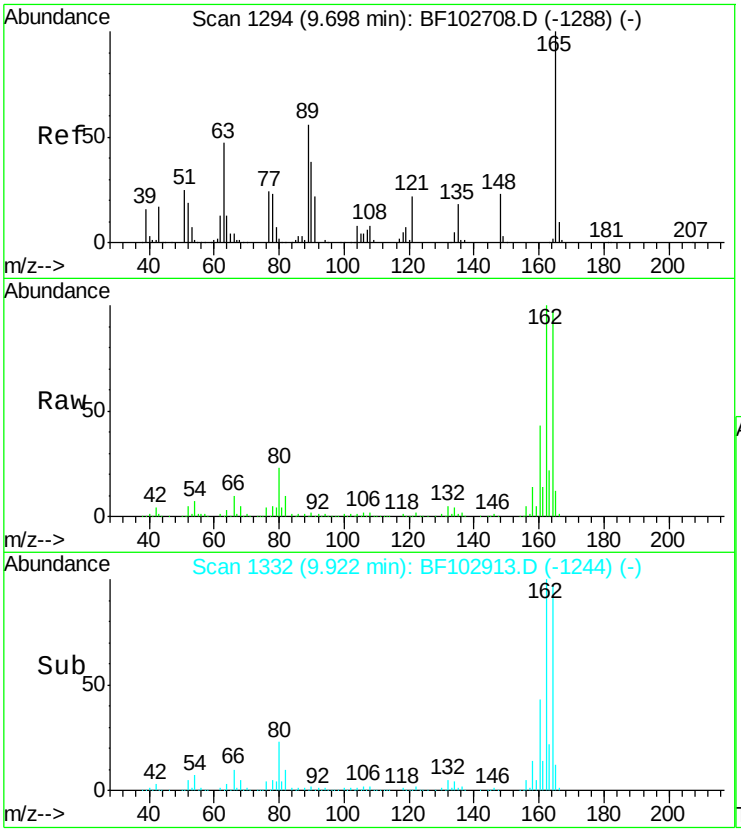


#49
Dimethylphthalate
Concen: 3.919 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:163 Resp: 105974

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.7	8.2	12.2



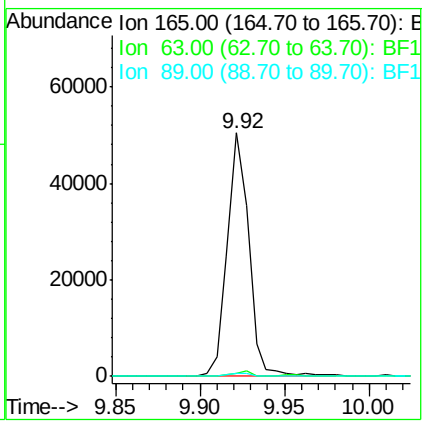


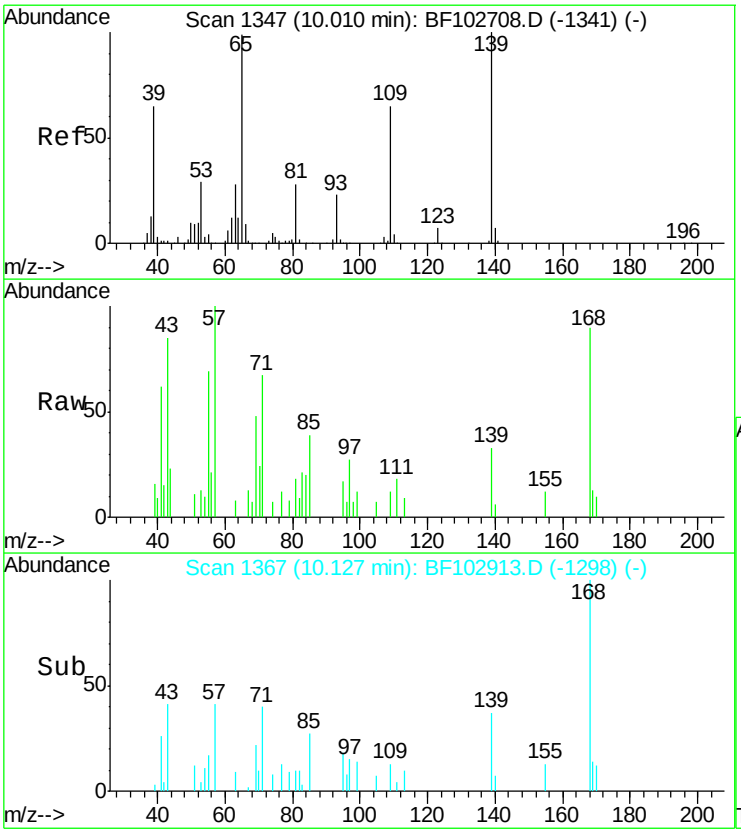
#50
2,6-Dinitrotoluene
Concen: 8.692 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44713

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.3	44.0	66.0#

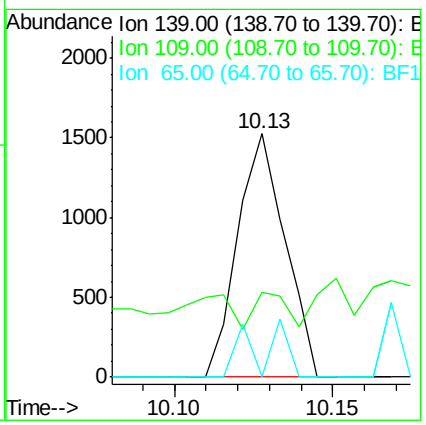


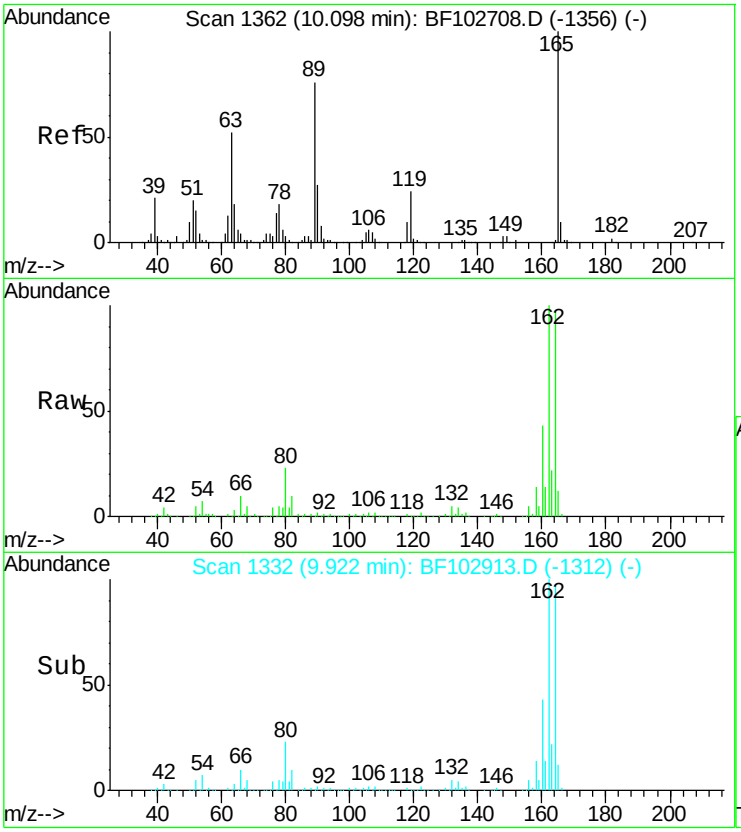


#55
4-Nitrophenol
Concen: 4.313 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:139 Resp: 1581

Ion	Ratio	Lower	Upper
139	100		
109	35.1	48.4	88.4#
65	0.0	72.6	112.6#



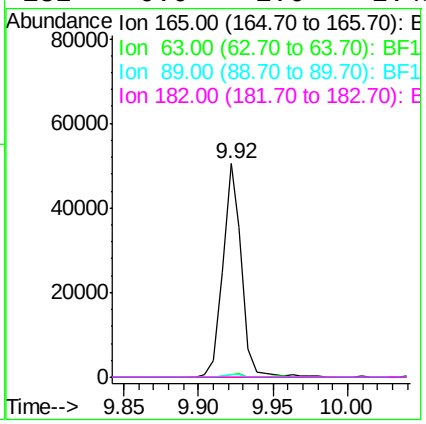


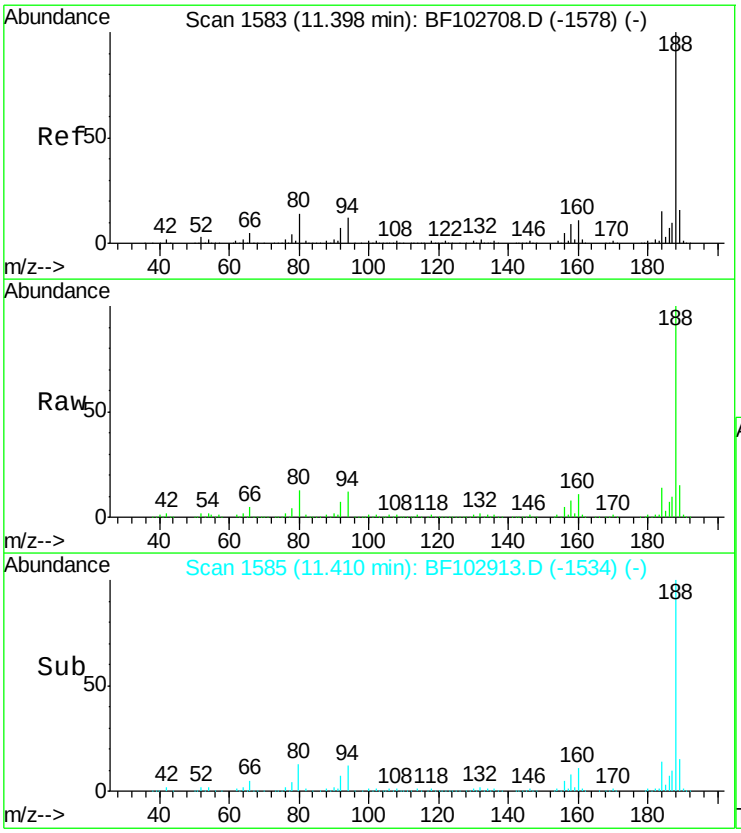
#56
2,4-Dinitrotoluene
Concen: 9.141 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44714

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

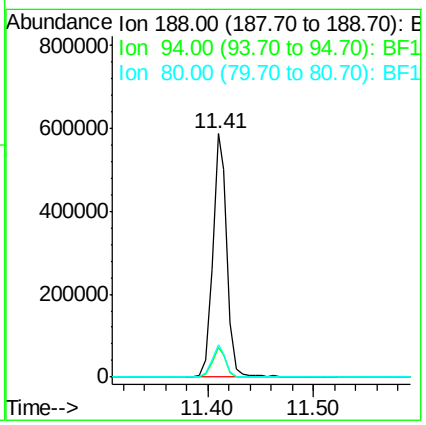


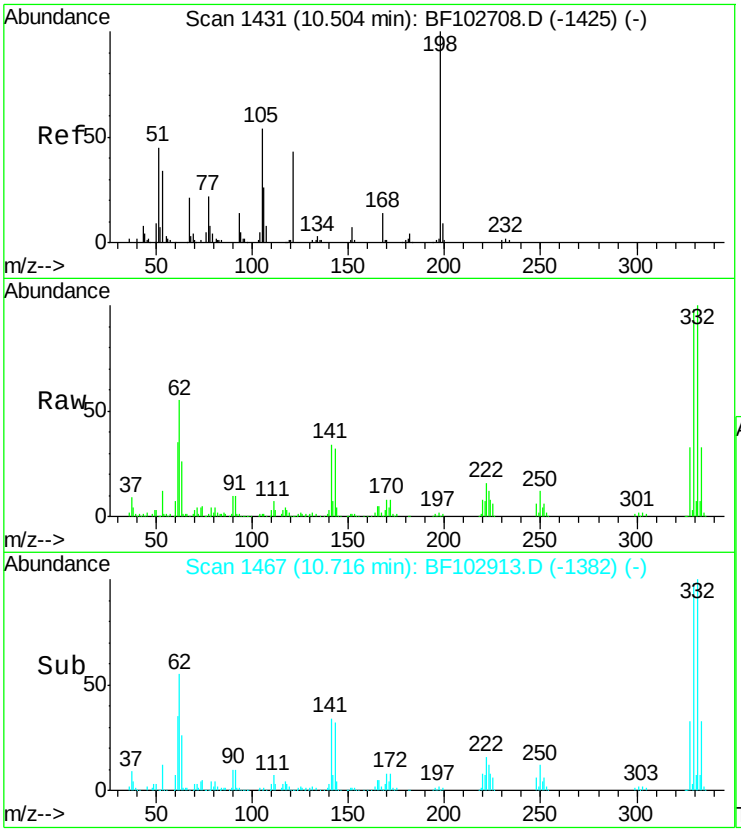


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:188 Resp: 556365

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	13.2	9.2	13.8



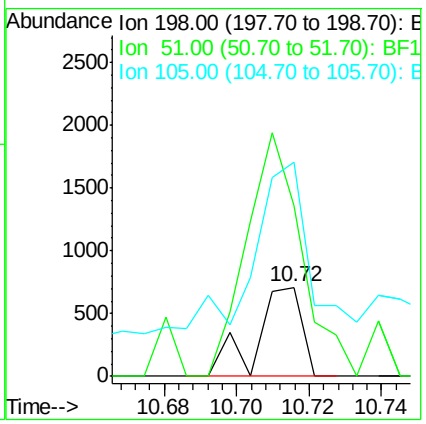


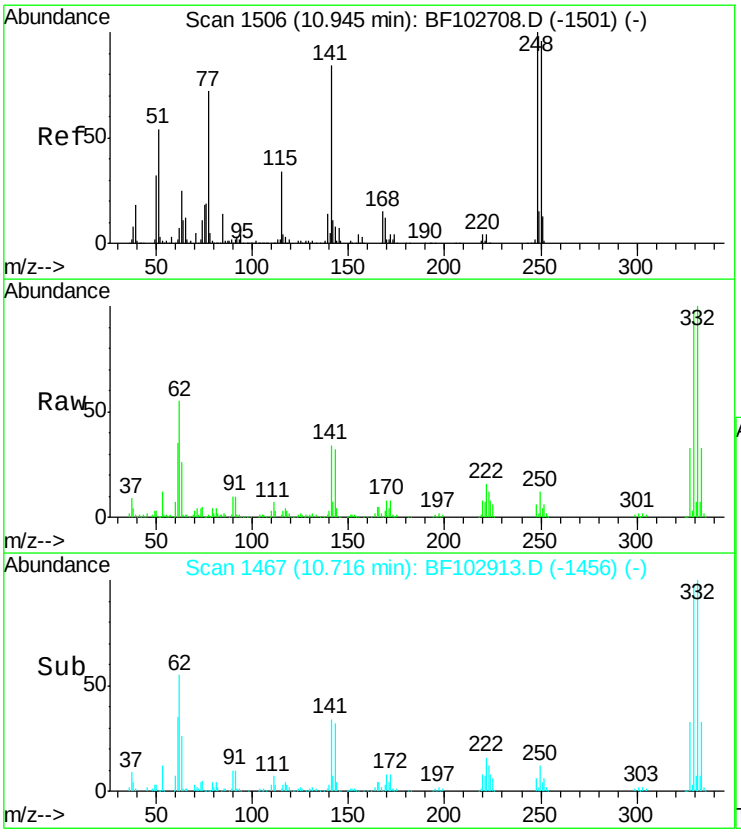
#64
4,6-Dinitro-2-methylphenol
Concen: 9.037 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 612

Ion	Ratio	Lower	Upper
198	100		
51	192.4	37.7	77.7#
105	240.7	36.3	76.3#

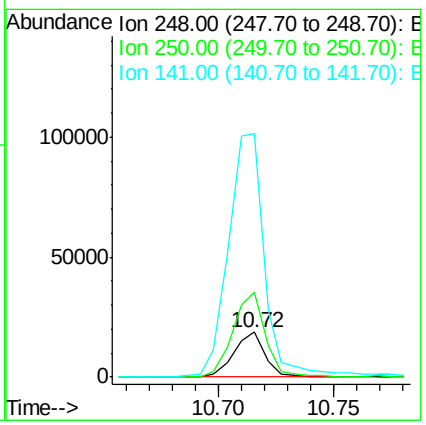


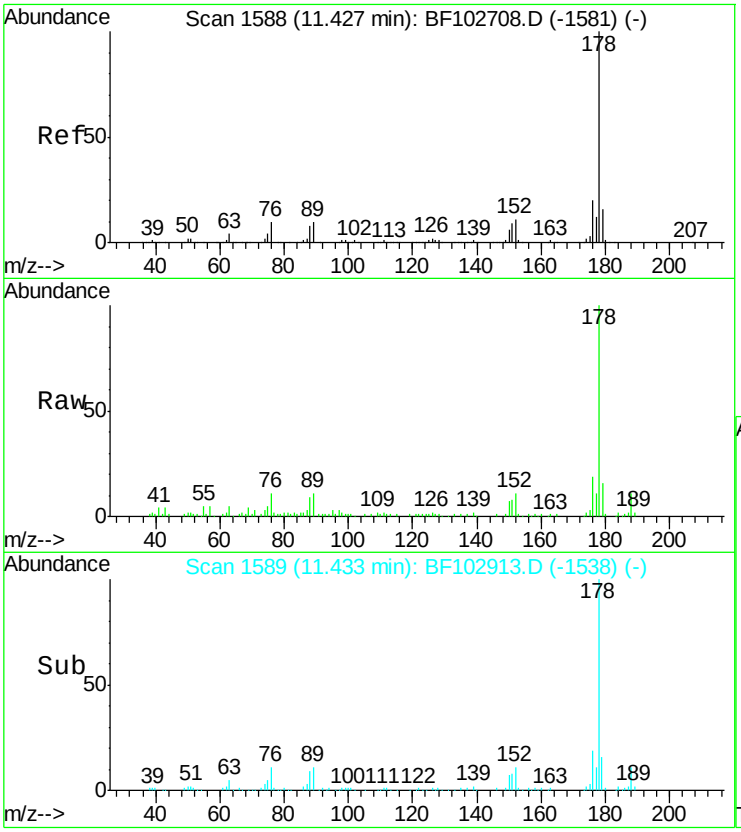


#66
4-Bromophenyl-phenylether
Concen: 3.012 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:248 Resp: 17726

Ion	Ratio	Lower	Upper
248	100		
250	190.2	76.9	115.3#
141	542.0	74.4	111.6#



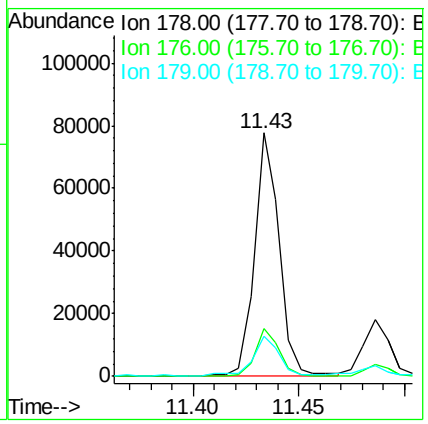


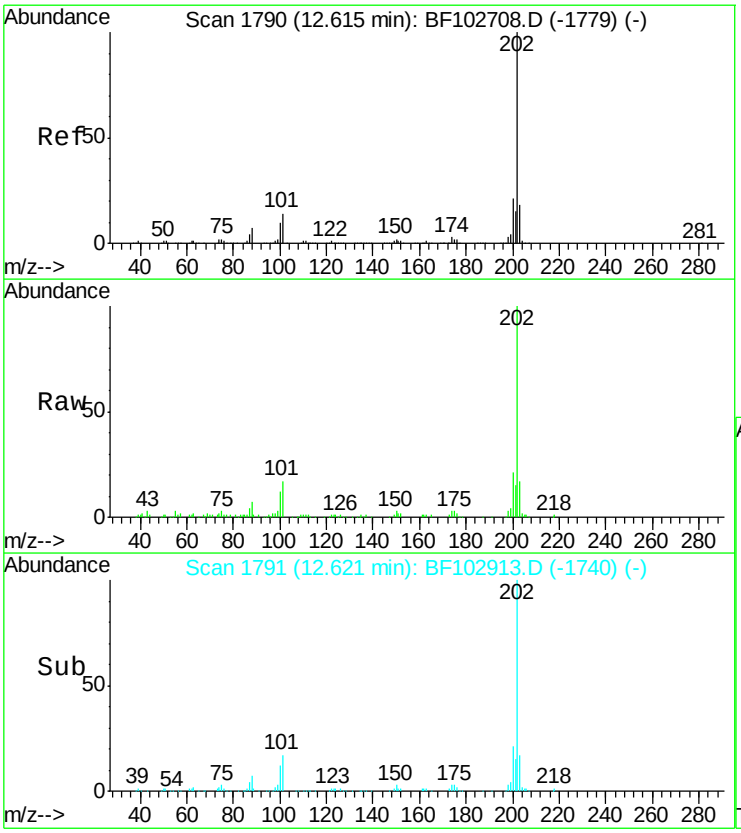
#70
Phenanthrene
Concen: 2.046 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 63387

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.3	13.0	19.6

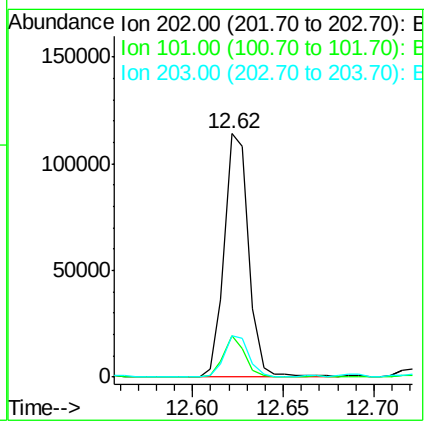


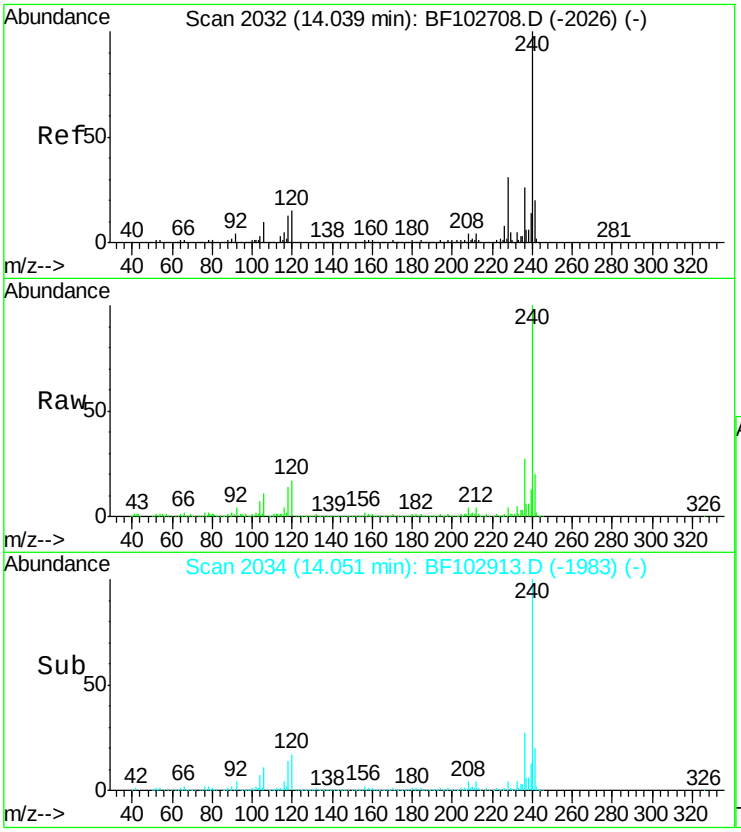


#74
Fluoranthene
Concen: 3.450 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:202 Resp: 107570

Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	34.1
203	17.2	0.0	38.1



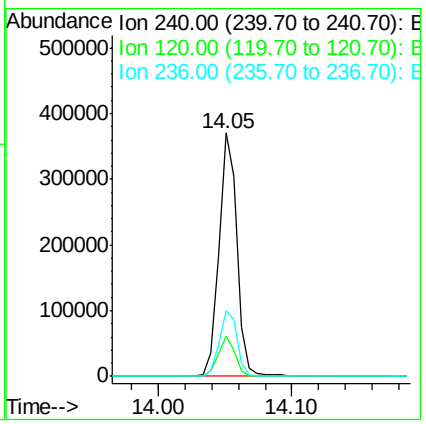


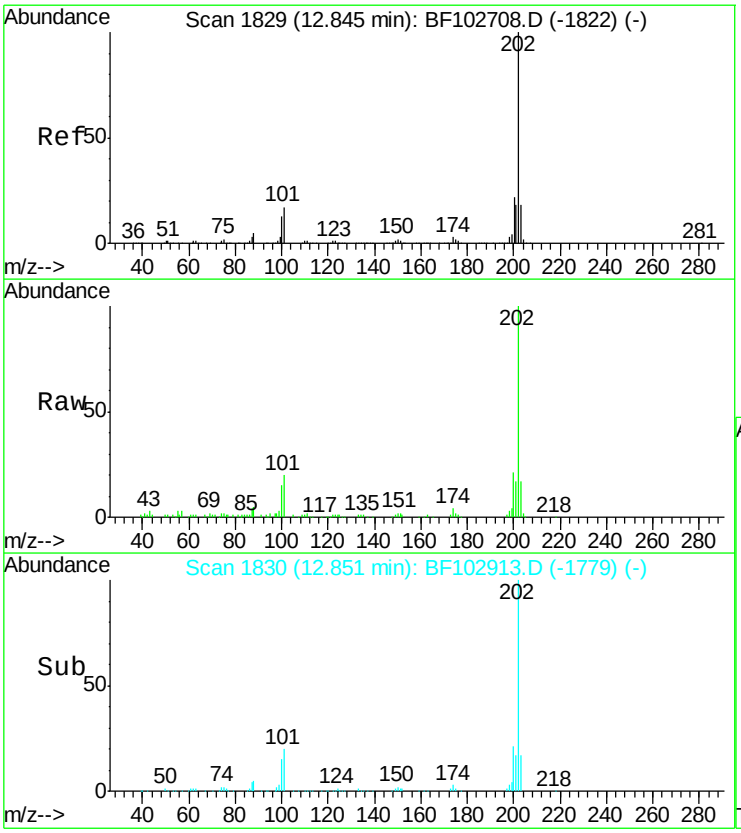
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 353383

Ion	Ratio	Lower	Upper
240	100		
120	16.6	9.5	14.3#
236	26.9	20.7	31.1

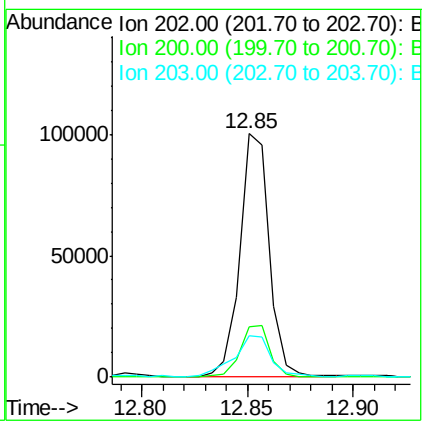


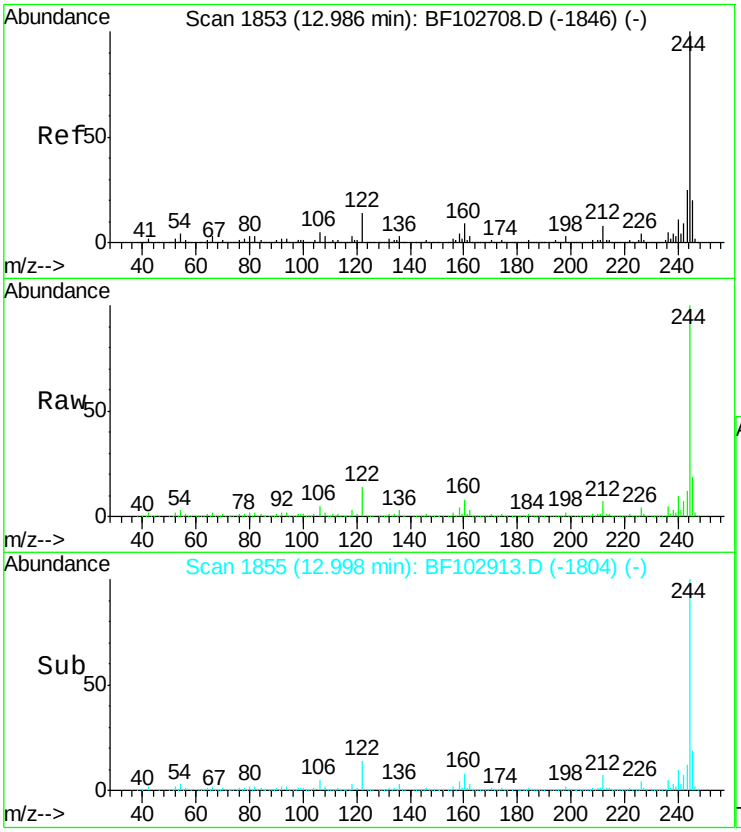


#77
Pyrene
Concen: 3.504 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:202 Resp: 97100

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.2	14.3	21.5



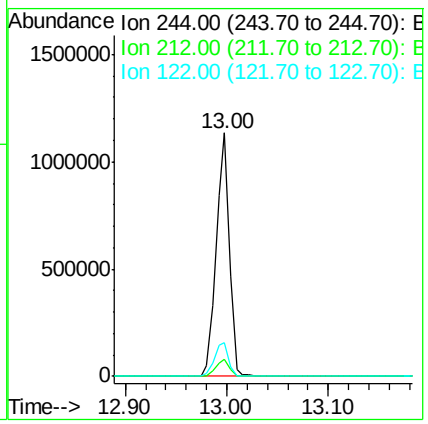


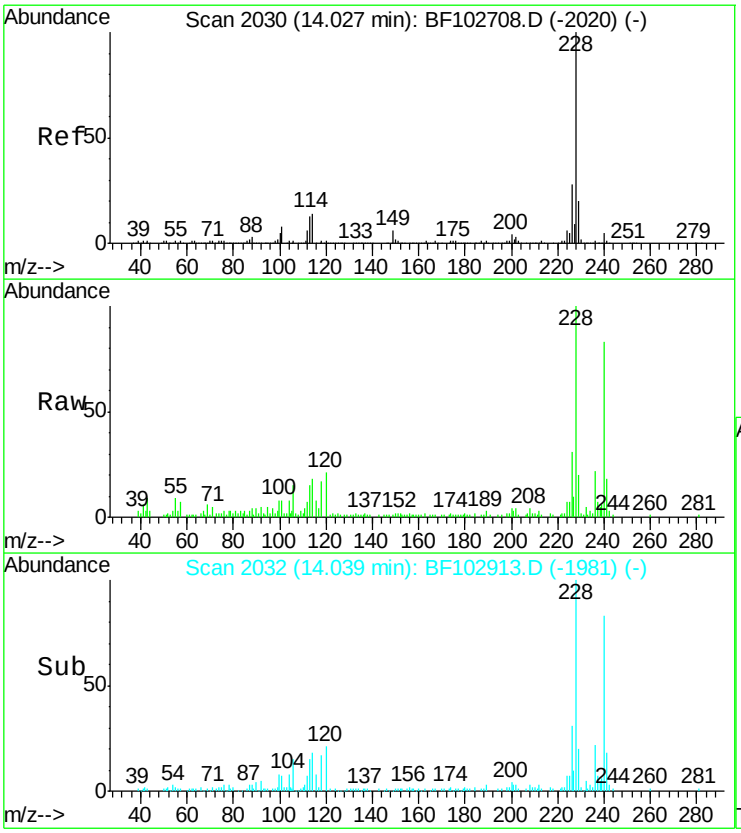
#78
Terphenyl-d14
Concen: 68.653 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1024618

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.7	11.0	16.4

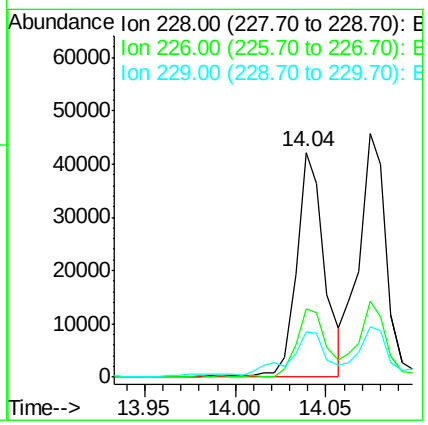


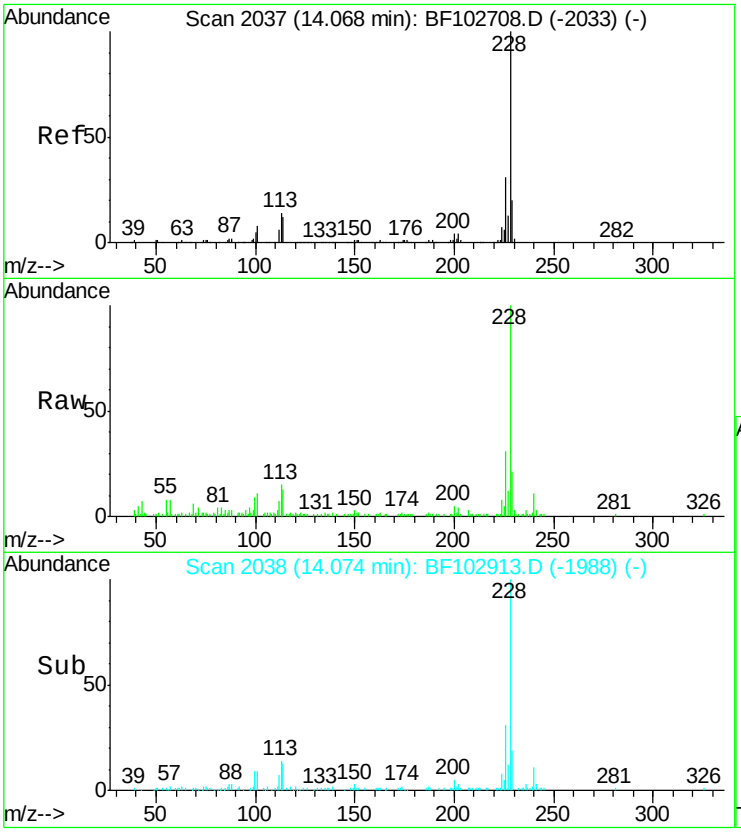


#80
Benzo(a)anthracene
Concen: 2.058 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:228 Resp: 45738

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	20.0	15.8	23.6



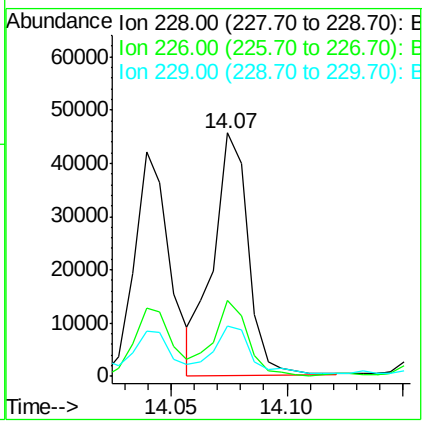


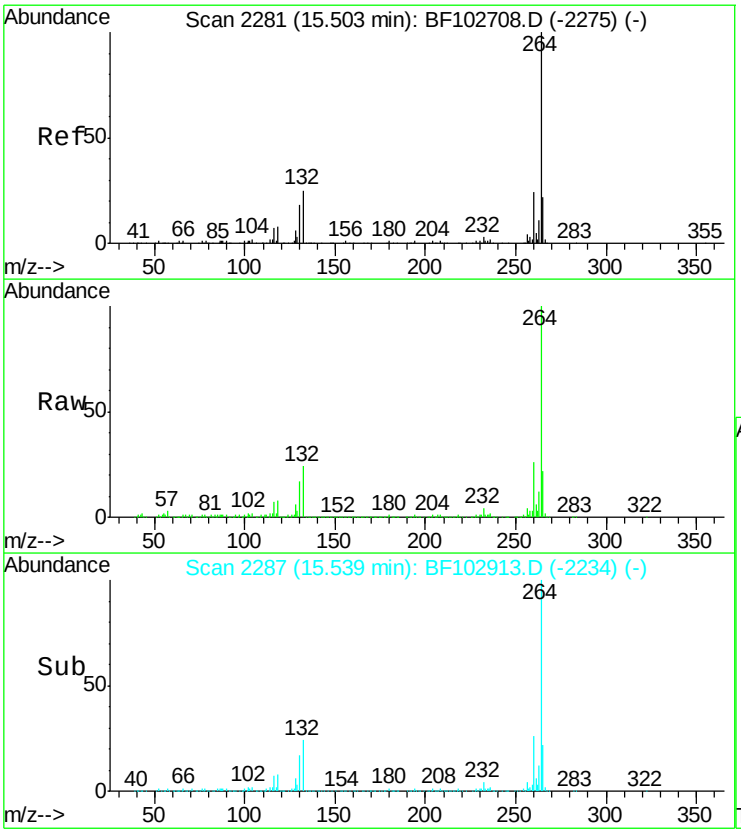
#82
Chrysene
Concen: 2.147 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 48090

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.6	16.2	24.4

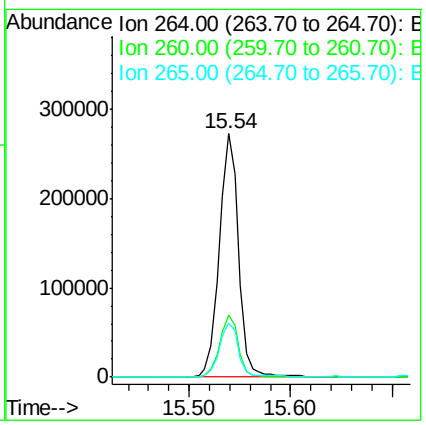


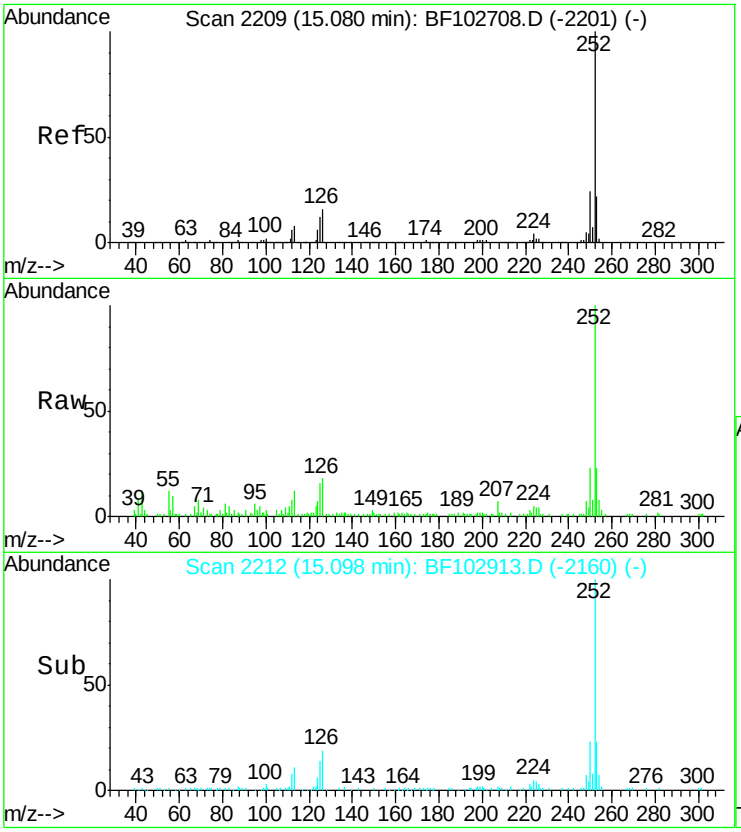


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:264 Resp: 359132

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.3	17.5	26.3



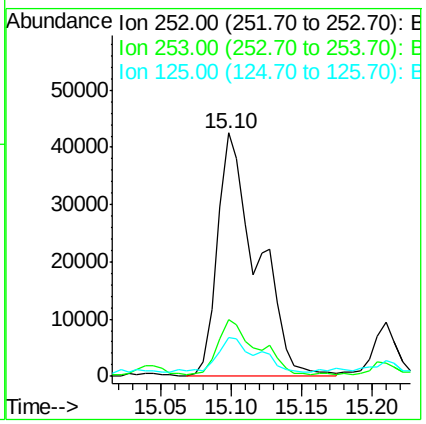


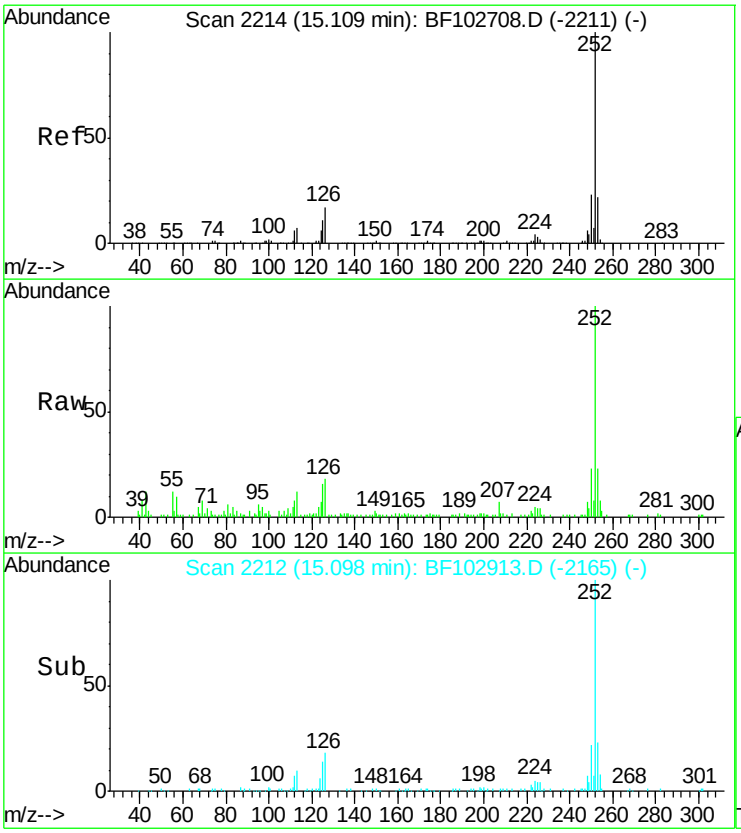
#87
Benzo(b)fluoranthene
Concen: 3.592 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 83638

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	15.9	9.0	13.6#

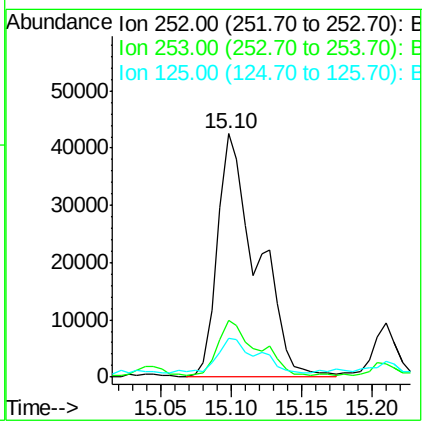


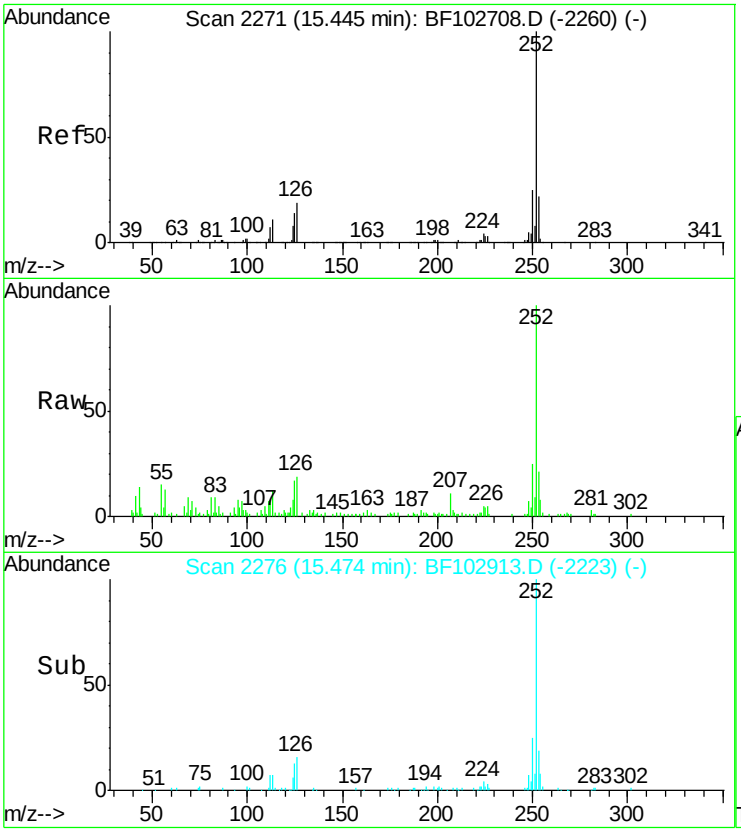


#88
Benzo(k)fluoranthene
Concen: 3.759 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion:252 Resp: 83638

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	15.9	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.037 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 42693

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.1	25.7
125	16.6	9.8	14.6#