Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103767.D
Acq On : 19 Mar 2018 20:30
Operator : JU/SJ
Sample : J1971-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 20 00:57:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155939	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	613177	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	257554	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	399029	20.00	ng		0.00
75) Chrysene-d12	14.16	240	316902	20.00	ng		0.00
86) Perylene-d12	15.69	264	240518	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1298258	126.63	ng		0.02
7) Phenol-d6	6.60	99	1609098	128.29	ng		0.01
23) Nitrobenzene-d5	7.54	82	968349	110.13	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	310824	140.36	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1345189	83.31	ng		0.00
78) Terphenyl-d14	13.10	244	1103539	80.83	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	27018	3.279	ng		86
10) Phenol	6.61	94	53020	3.978	ng		92
19) n-Nitroso-di-n-propylamine	7.54	70	127803	15.899	ng	#	72
25) Isophorone	7.54	82	965350	47.426	ng	#	64
31) Naphthalene	8.27	128	128939	4.163	ng		99
32) Benzoic acid	8.27	122	181	9.928	ng	#	1
37) 2-Methylnaphthalene	8.96	142	56617	2.882	ng		98
47) 2-Nitroaniline	9.60	65	122	6.838	ng	#	2
49) Dimethylphthalate	9.72	163	140072	7.128	ng		99
50) 2,6-Dinitrotoluene	9.72	165	1804	4.419	ng	#	31
52) 3-Nitroaniline	10.22	138	197	3.854	ng	#	2
55) 4-Nitrophenol	10.22	139	8237	7.117	ng	#	10
56) 2,4-Dinitrotoluene	10.02	165	34008	12.361	ng	#	24
57) Fluorene	10.56	166	42851	2.462	ng		98
61) 4-Nitroaniline	10.56	138	488	3.852	ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.80	198	671	8.620	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	19004	4.639	ng	#	1
70) Phenanthrene	11.53	178	512935	23.499	ng		98
71) Anthracene	11.58	178	108242	4.882	ng		98
72) Carbazole	11.73	167	69683	3.234	ng		99
74) Fluoranthene	12.73	202	598795	26.628	ng		98
77) Pyrene	12.96	202	521903	22.425	ng		99
80) Benzo(a)anthracene	14.14	228	241699	12.049	ng		99
82) Chrysene	14.18	228	250350	13.092	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	82726	4.954	ng		95
87) Benzo(b)fluoranthene	15.24	252	319365	21.017	ng	#	95
88) Benzo(k)fluoranthene	15.24	252	319365	21.864	ng		98
89) Benzo(a)pyrene	15.63	252	148354	10.764	ng		96
91) Benzo(g,h,i)perylene	17.74	276	76291	6.571	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103767.D
Acq On : 19 Mar 2018 20:30
Operator : JU/SJ
Sample : J1971-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 20 00:57:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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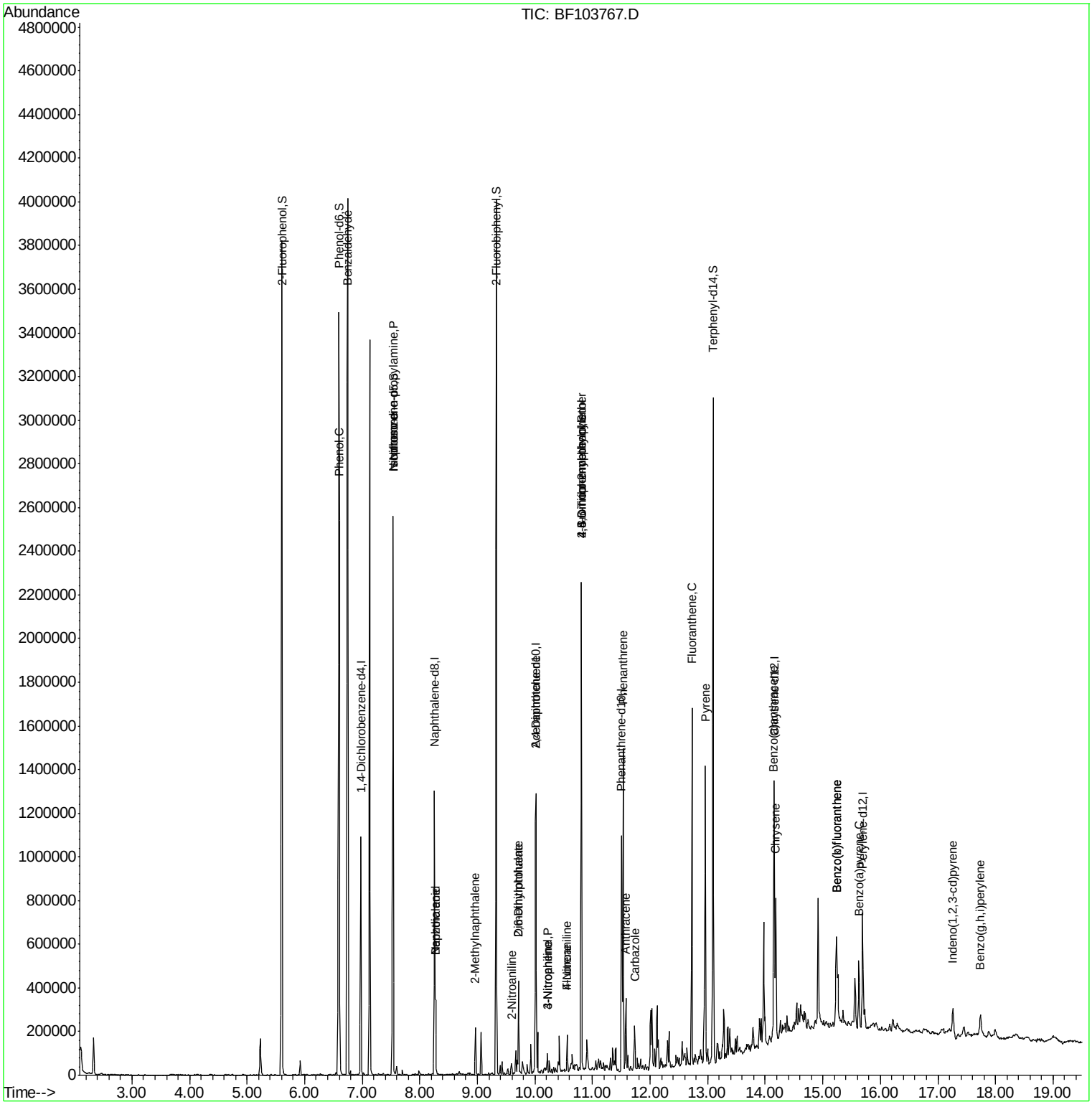
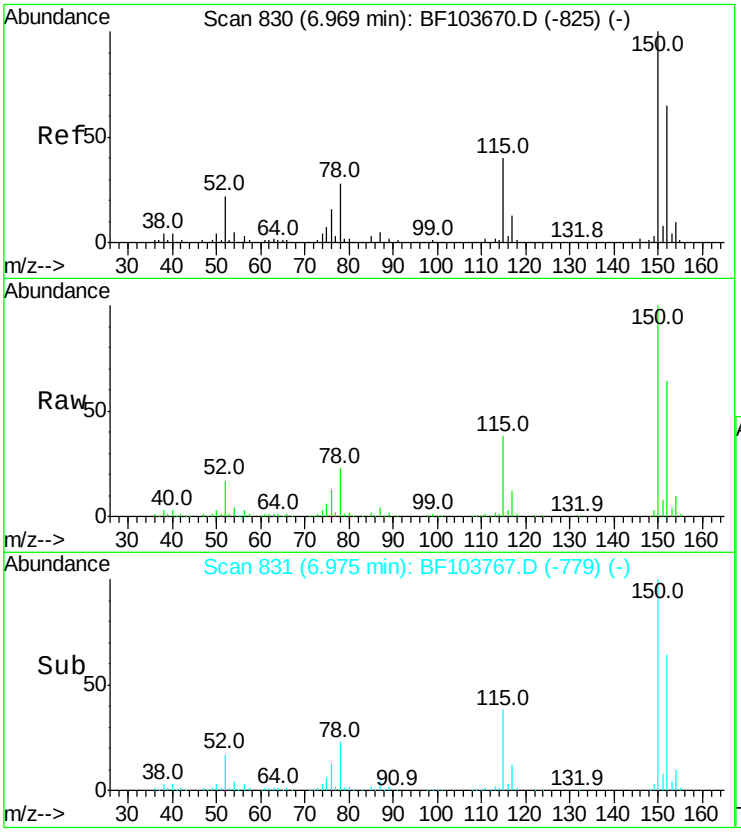


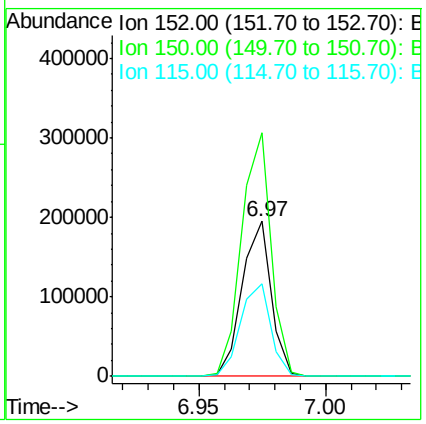


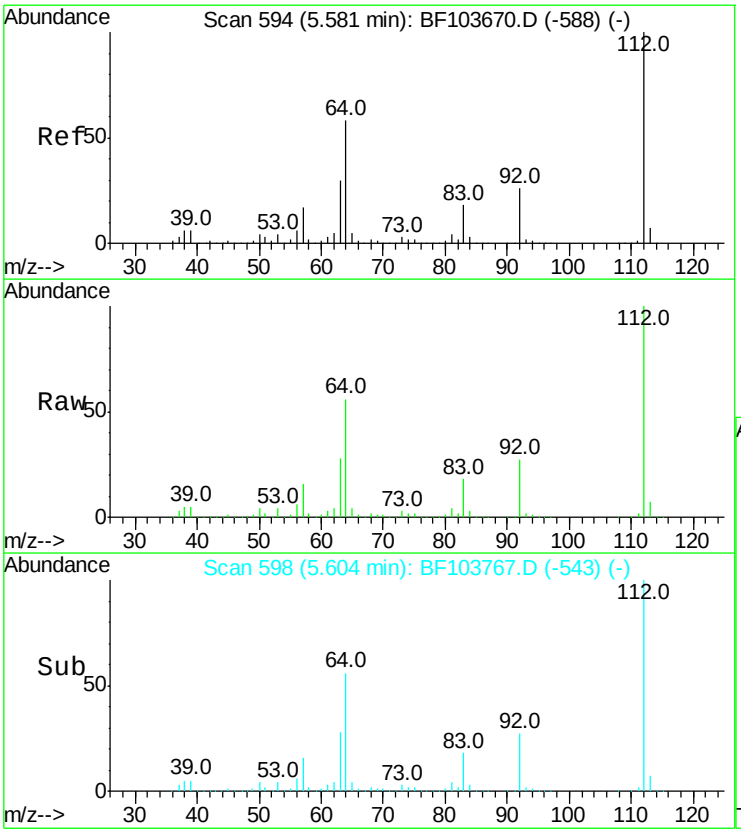
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155939

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	59.8	50.1	75.1

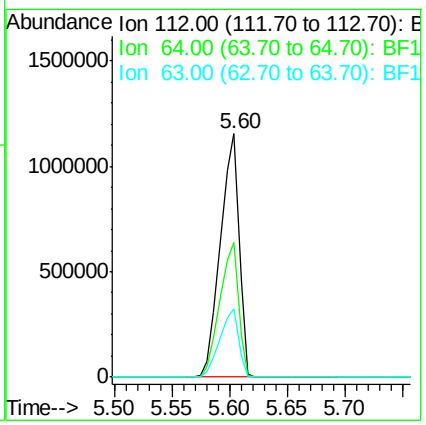


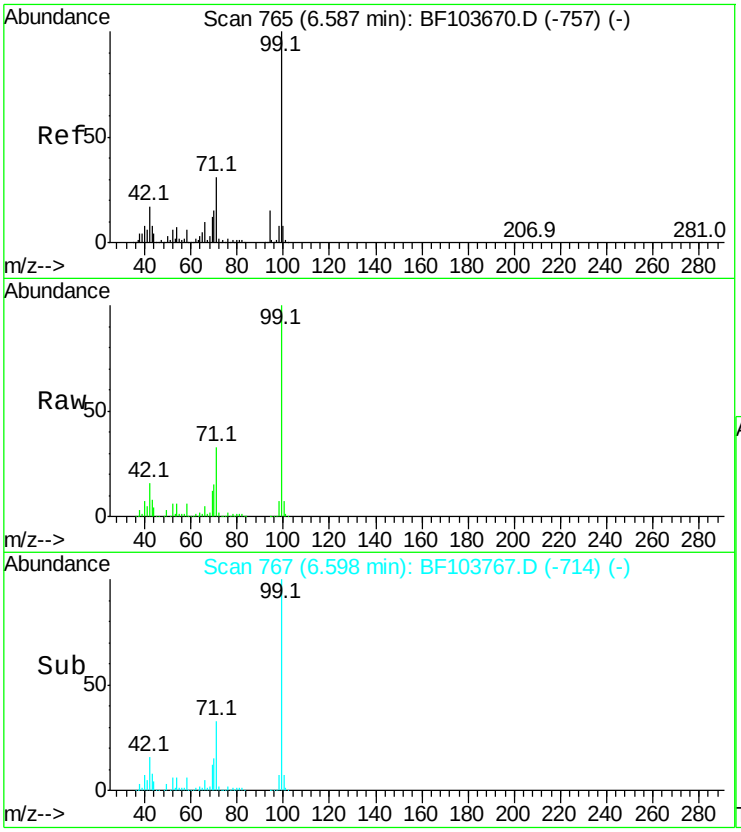


#5
2-Fluorophenol
Concen: 126.629 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:112 Resp: 1298258

Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	28.2	23.7	35.5



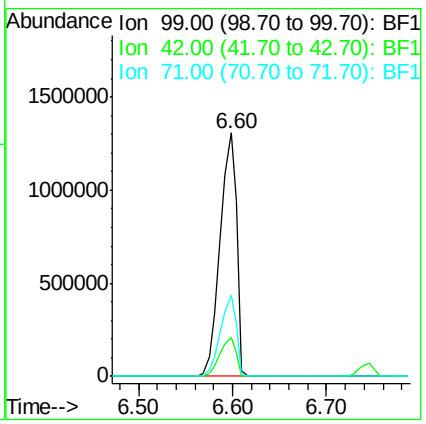


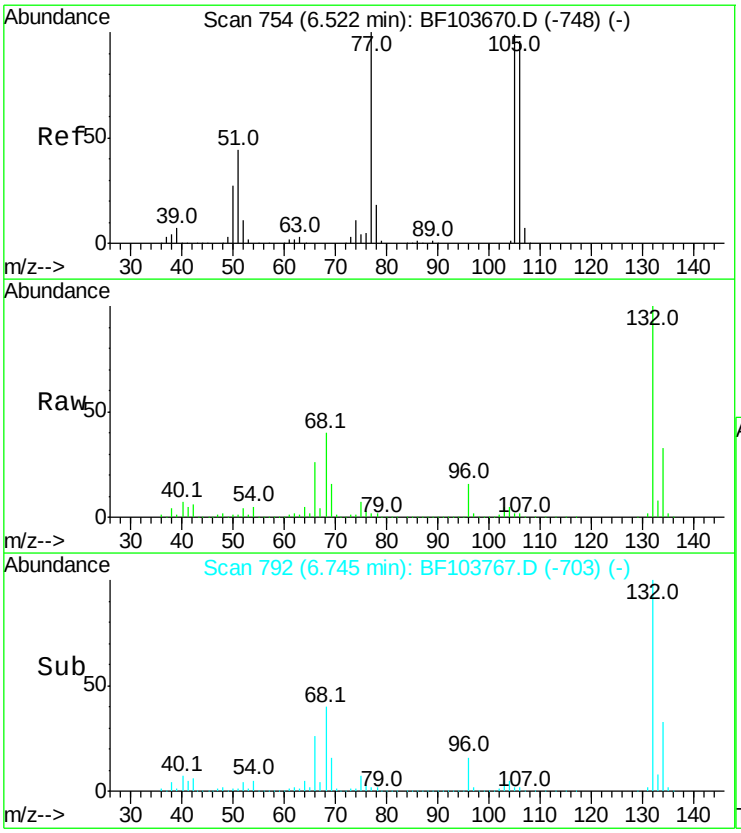
#7
Phenol-d6
Concen: 128.285 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1609098

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.3	25.4	38.0

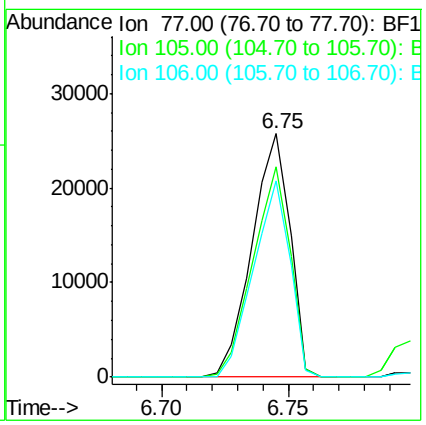


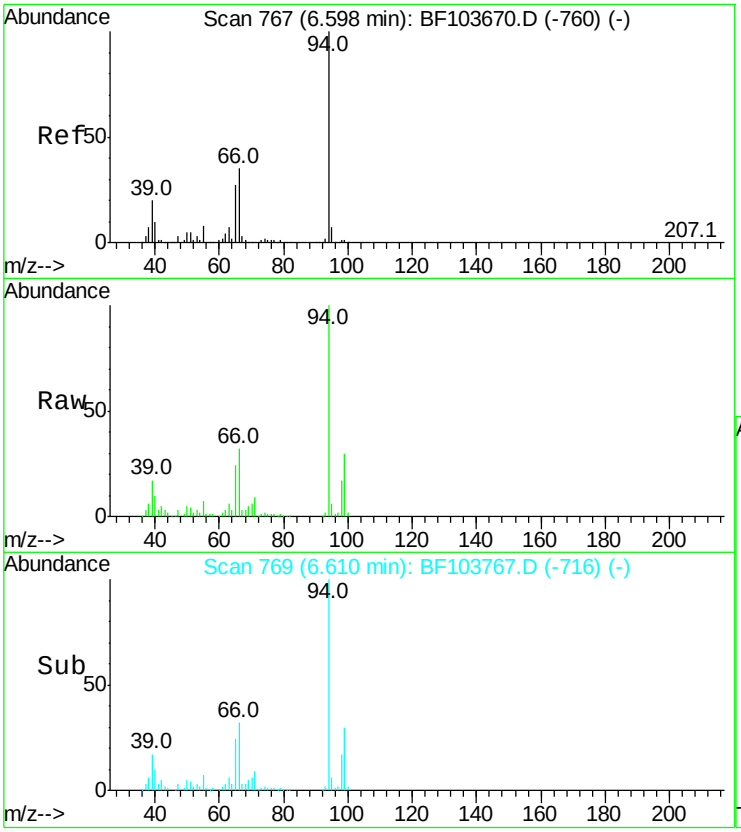


#9
Benzaldehyde
Concen: 3.279 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.22 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion: 77 Resp: 27018

Ion	Ratio	Lower	Upper
77	100		
105	86.3	81.1	121.1
106	80.7	74.5	114.5



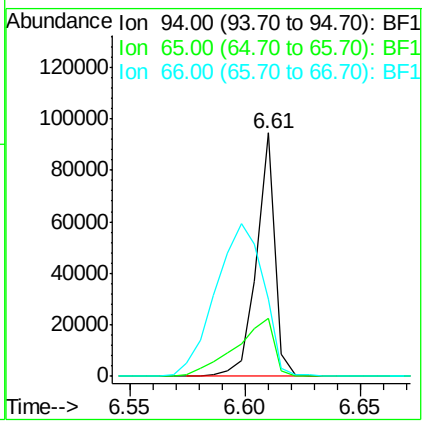


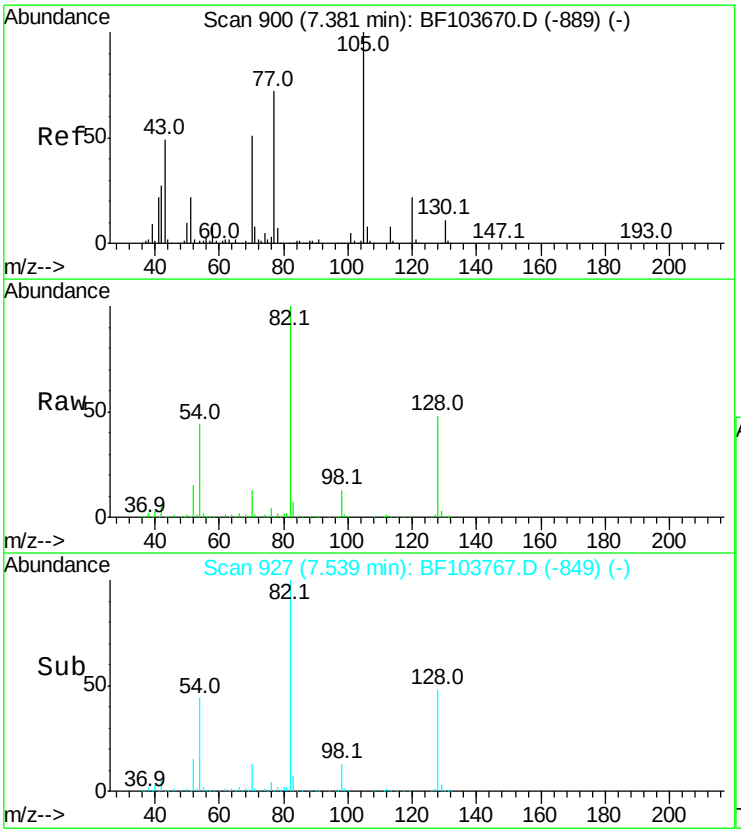
#10
Phenol
Concen: 3.978 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 53020

Ion	Ratio	Lower	Upper
94	100		
65	23.8	7.9	47.9
66	31.7	16.2	56.2

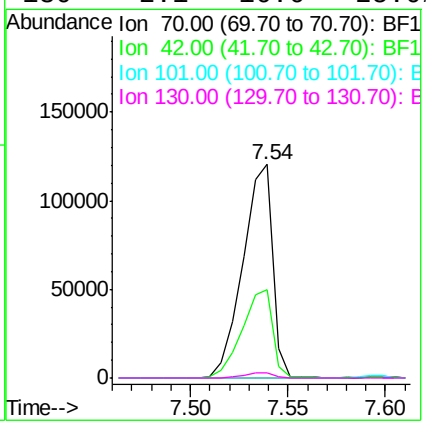


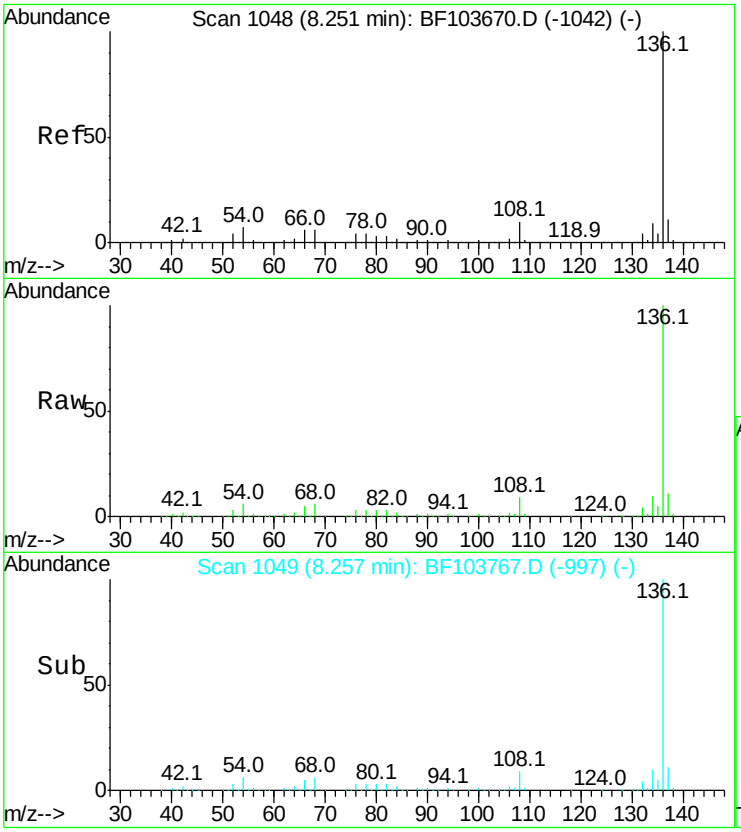


#19
n-Nitroso-di-n-propylamine
Concen: 15.899 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.16 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion: 70 Resp: 127803

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



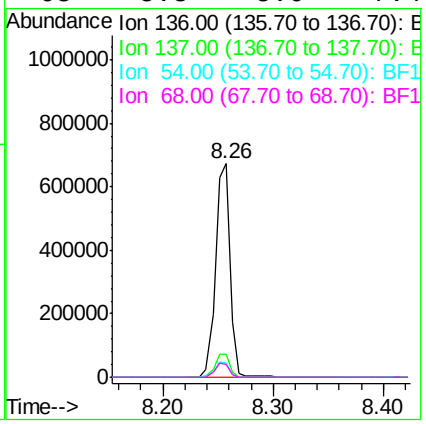


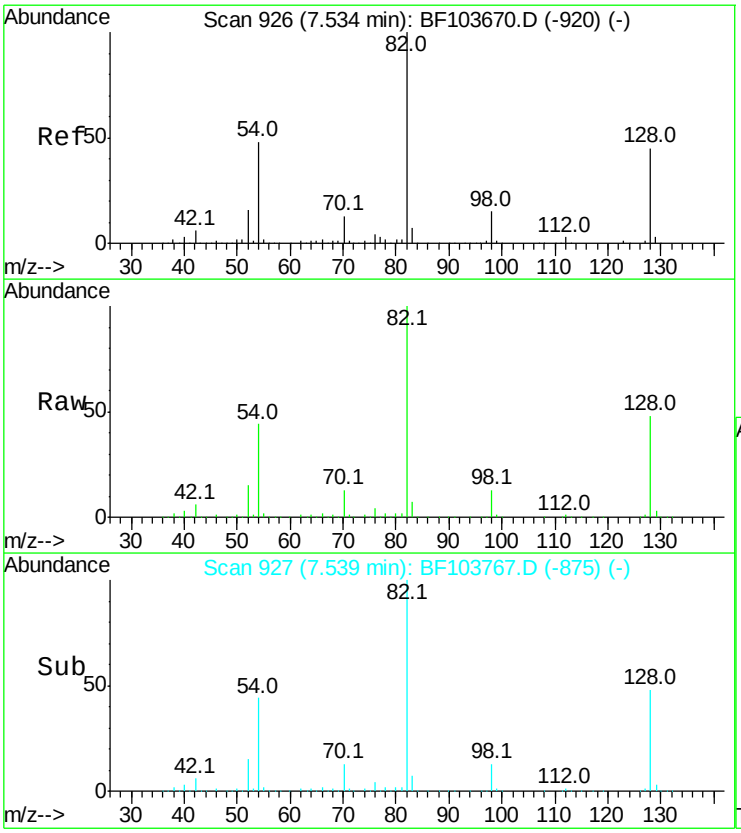
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 613177

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.3	6.6	9.8#
68	5.8	5.0	7.4

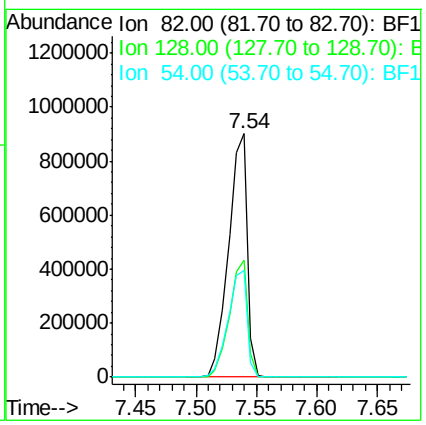


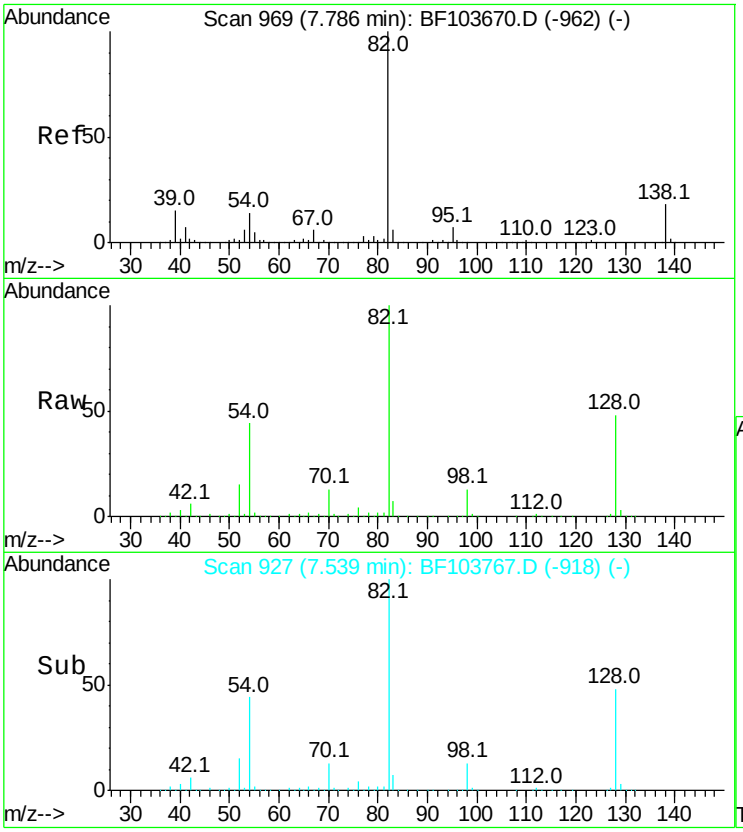


#23
Nitrobenzene-d5
Concen: 110.129 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion: 82 Resp: 968349

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	44.1	41.4	62.2



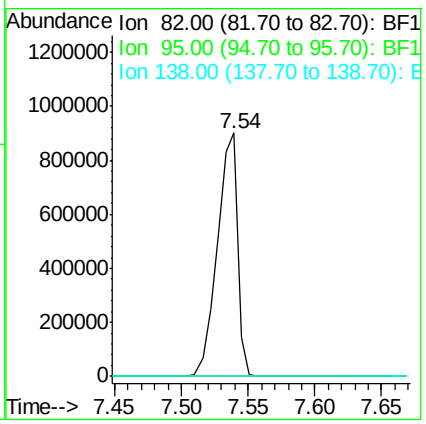


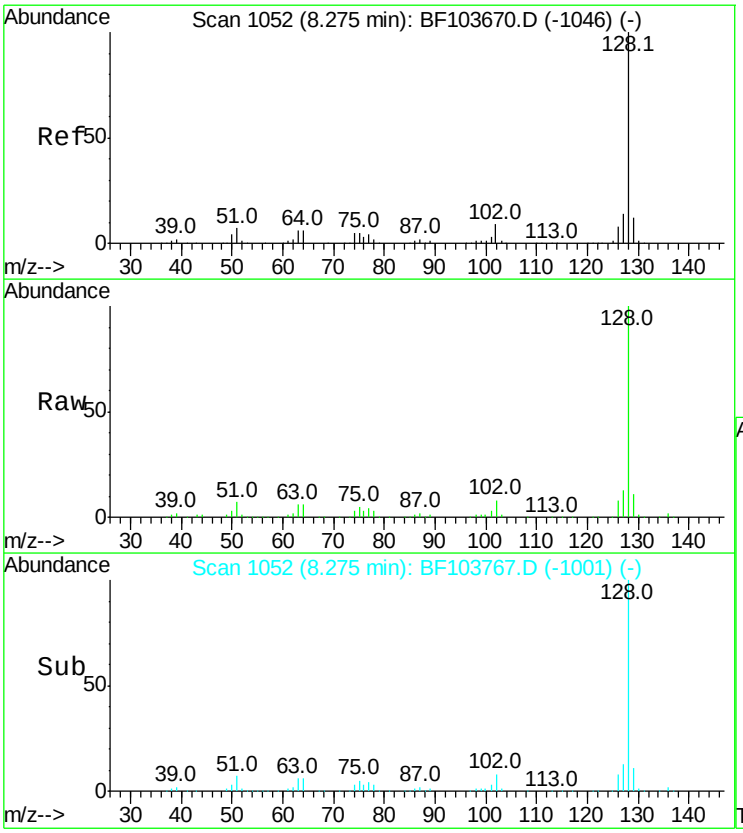
#25
Isophorone
Concen: 47.426 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 965350

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

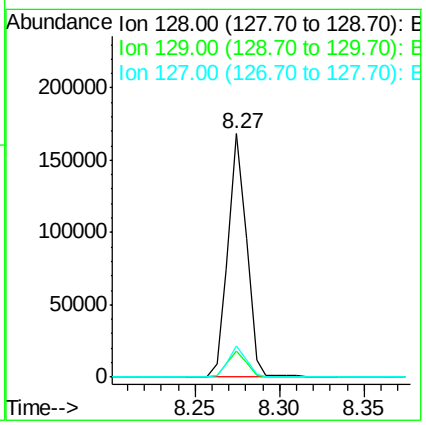


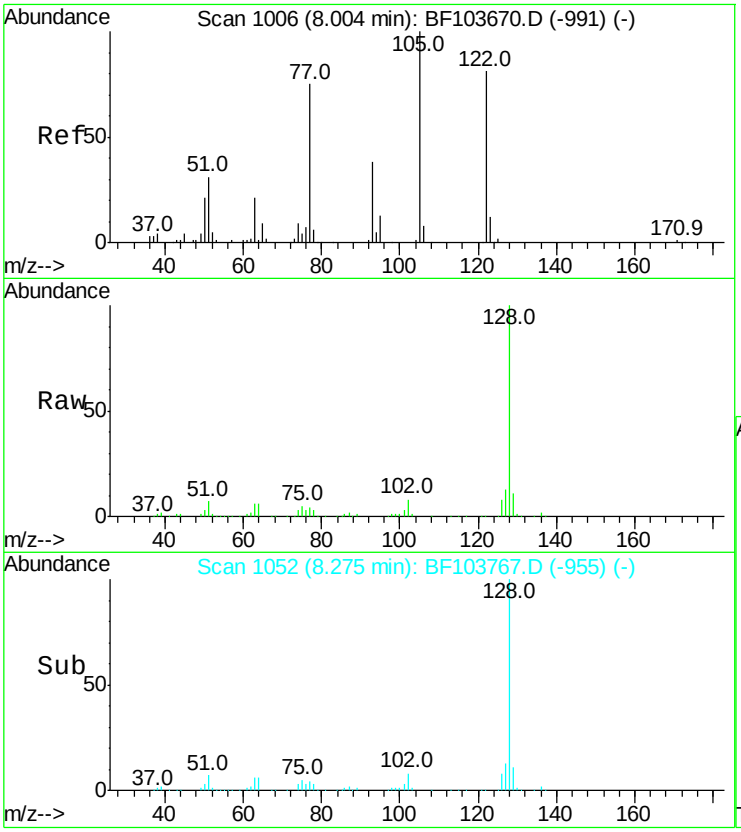


#31
Naphthalene
Concen: 4.163 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:128 Resp: 128939

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.9	16.3



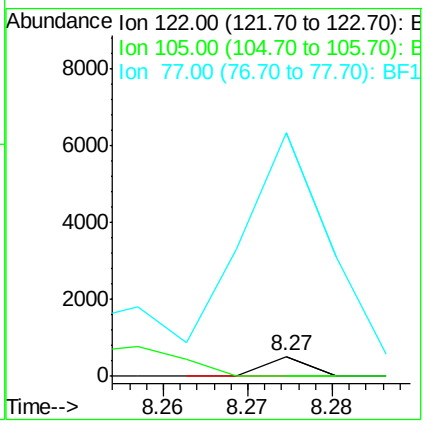


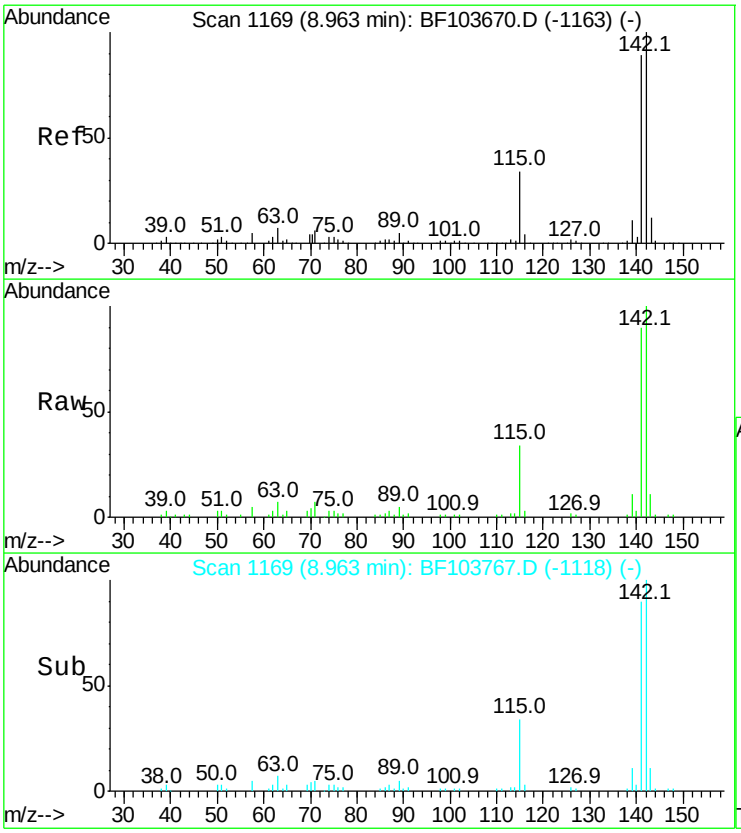
#32
Benzoic acid
Concen: 9.928 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.27 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 181

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	1237.9	70.7	110.7#

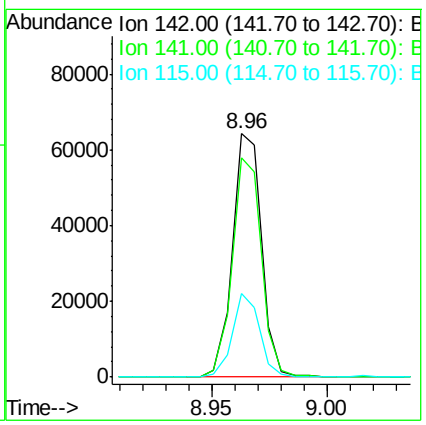


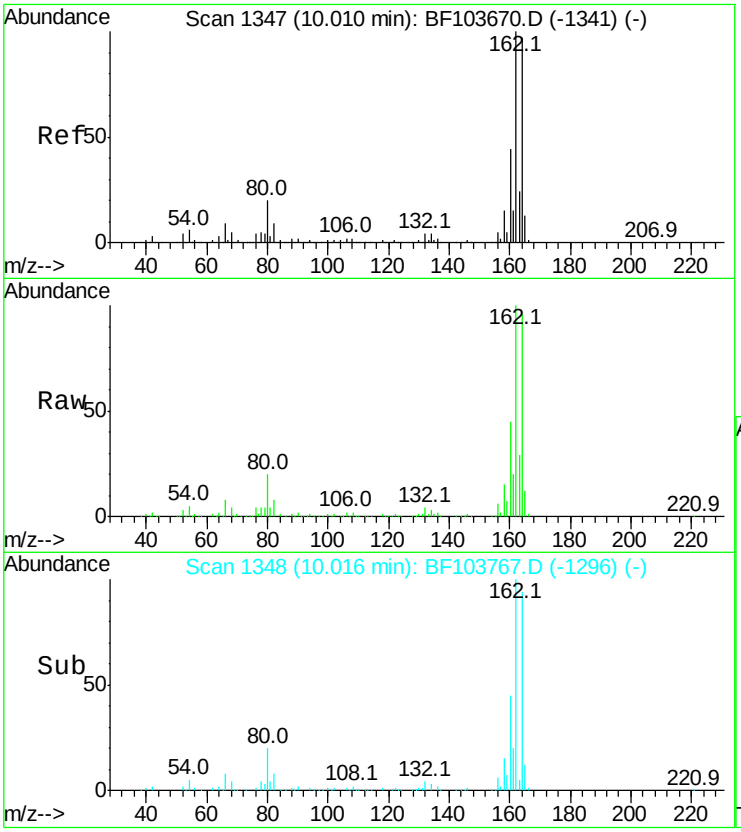


#37
2-Methylnaphthalene
Concen: 2.882 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:142 Resp: 56617

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	34.4	26.1	39.1



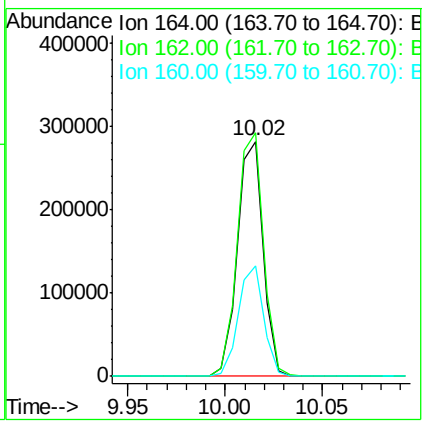


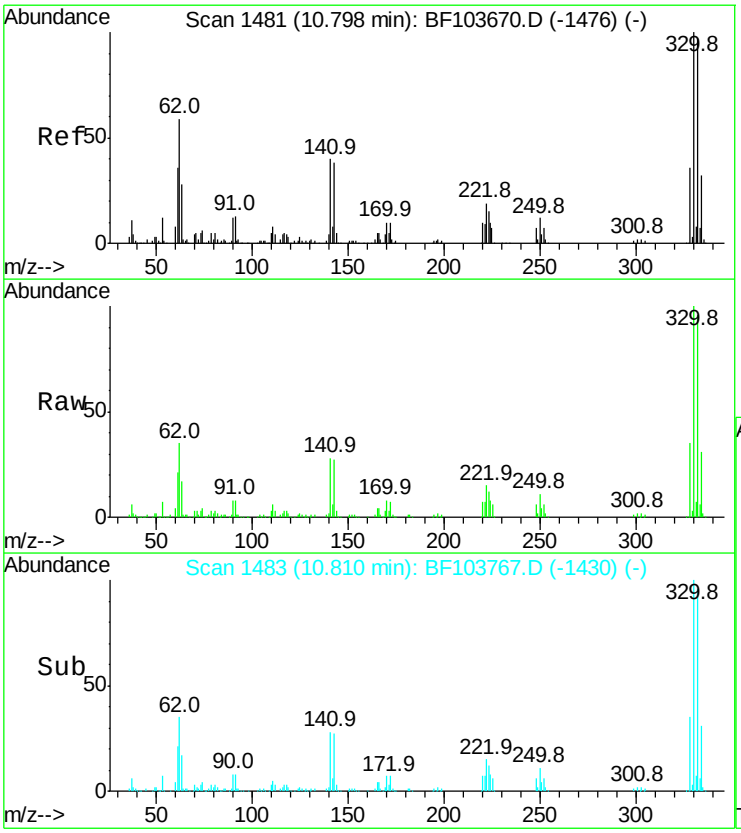
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 257554

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.8	38.3	57.5

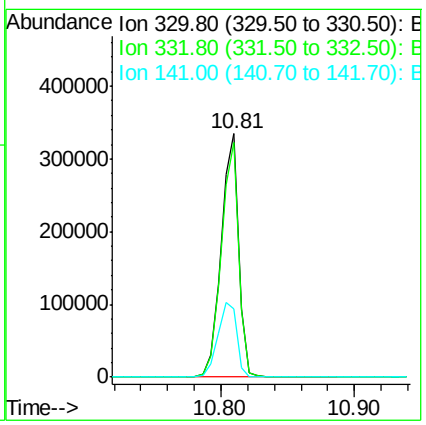


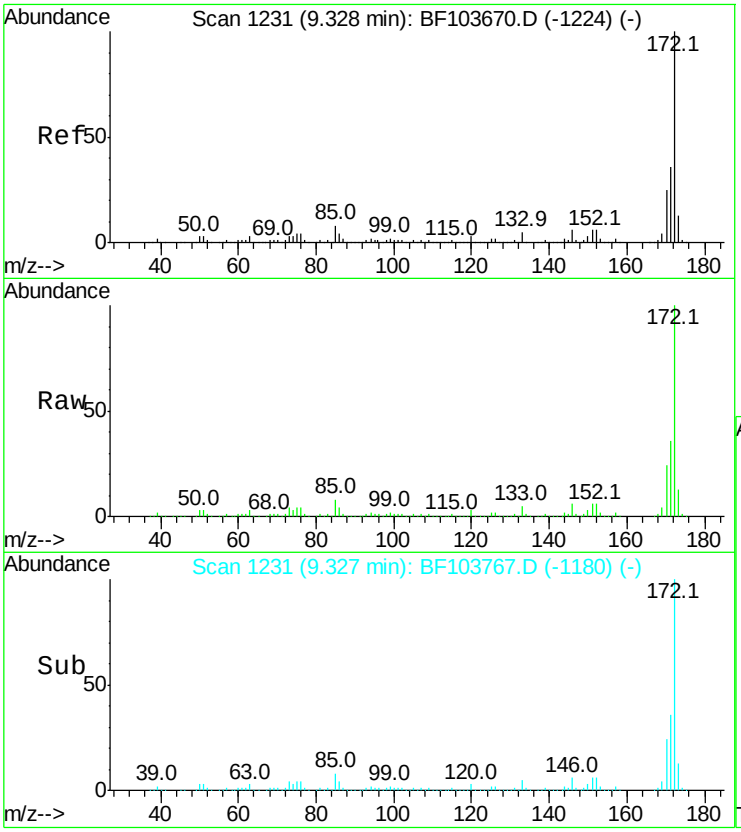


#41
2,4,6-Tribromophenol
Concen: 140.361 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:330 Resp: 310824

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.6	29.9	44.9



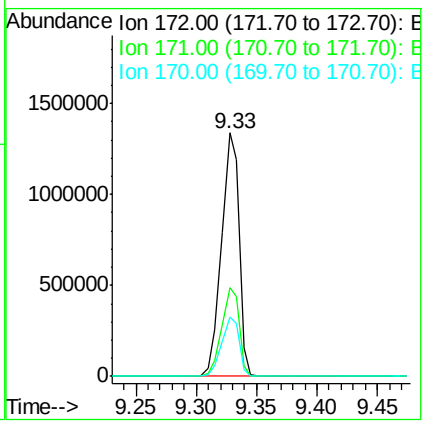


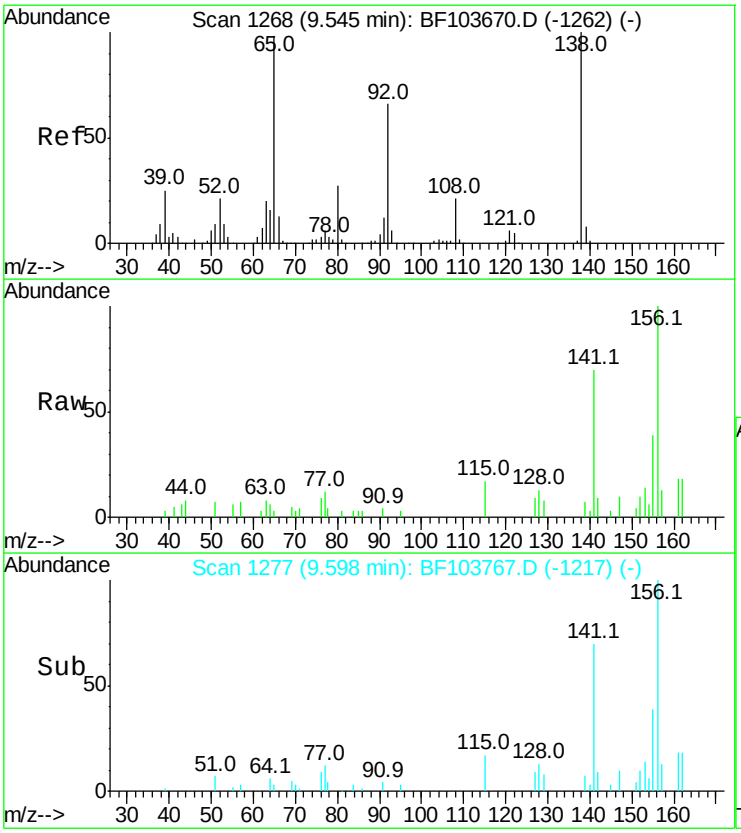
#44
2-Fluorobiphenyl
Concen: 83.314 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1345189

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

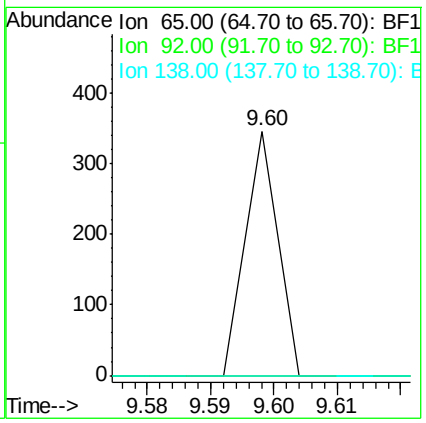


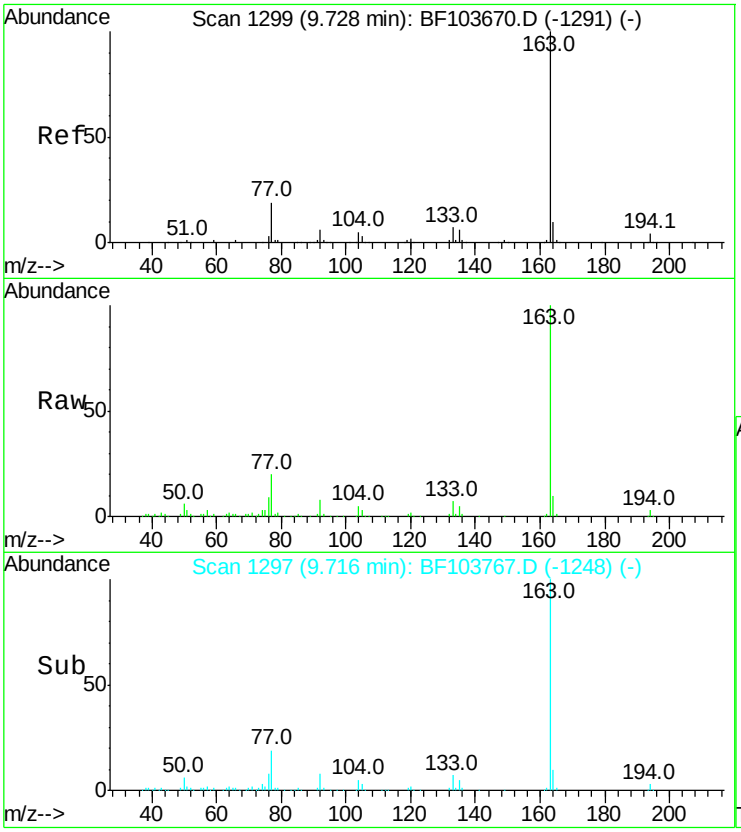


#47
2-Nitroaniline
Concen: 6.838 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.05 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion: 65 Resp: 122

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



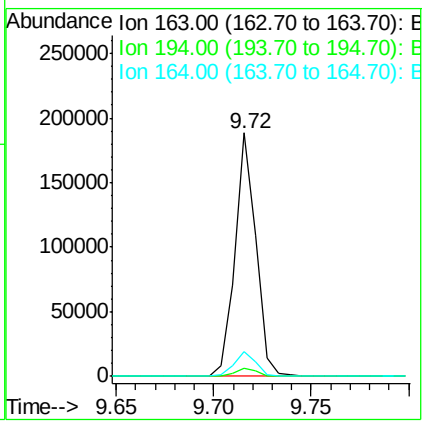


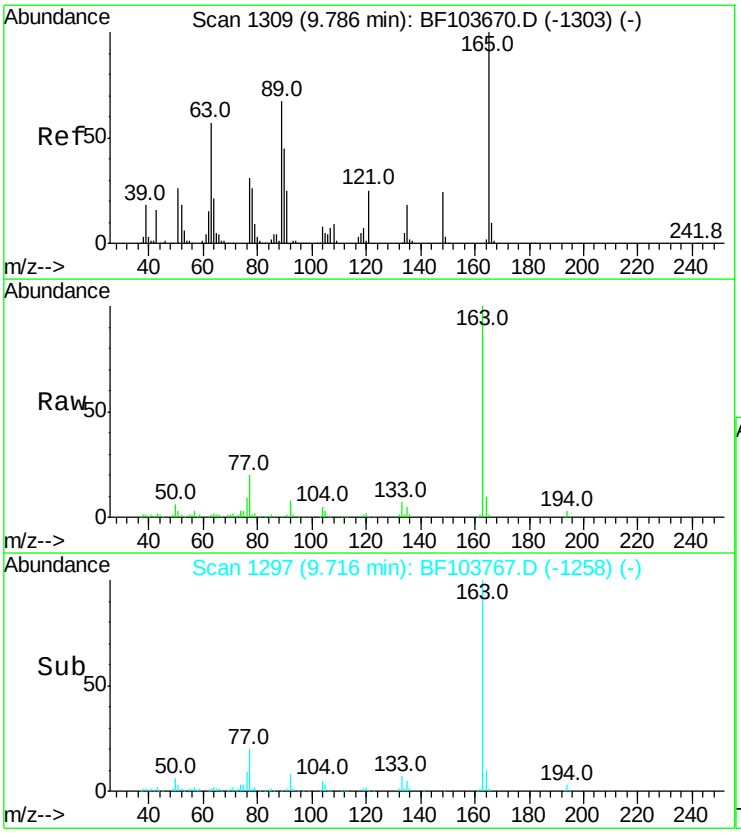
#49
Dimethylphthalate
Concen: 7.128 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 140072

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.4	8.2	12.2

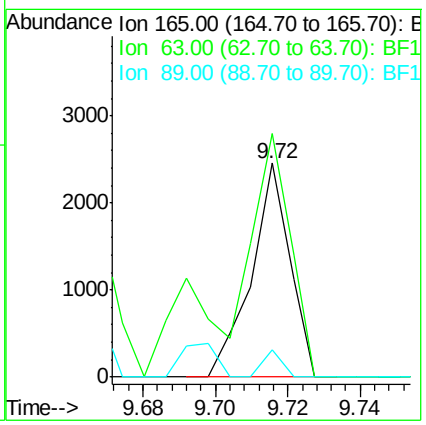


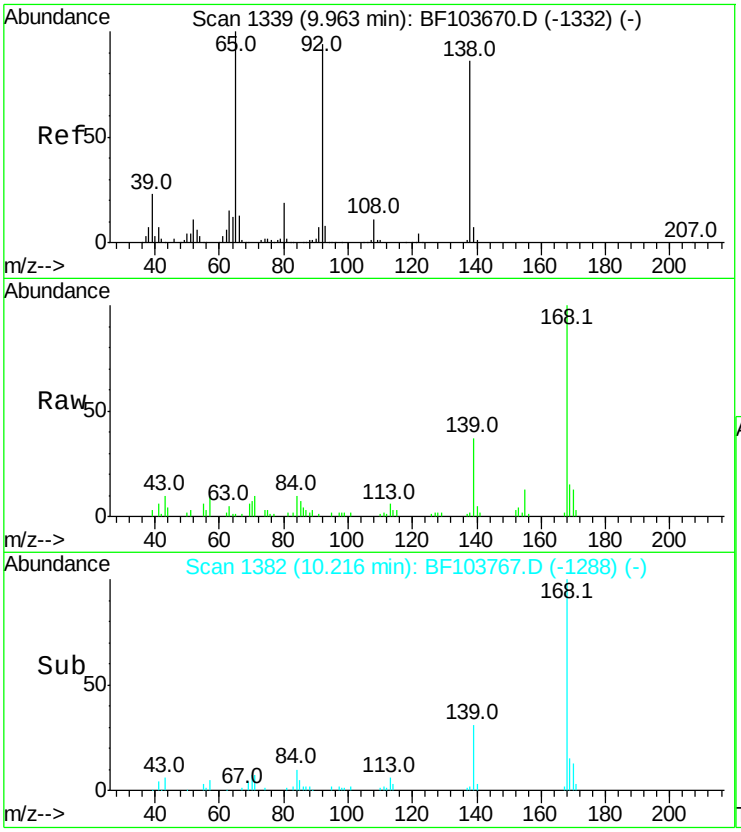


#50
2,6-Dinitrotoluene
Concen: 4.419 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.07 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:165 Resp: 1804

Ion	Ratio	Lower	Upper
165	100		
63	113.8	44.7	67.1#
89	12.6	44.0	66.0#



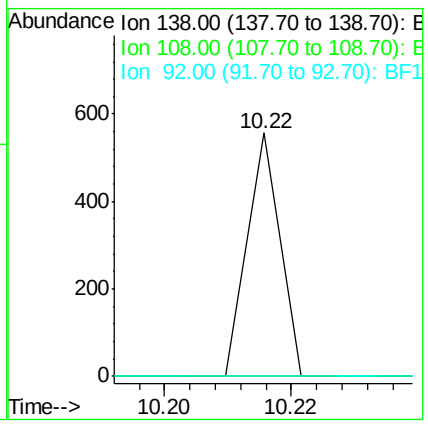


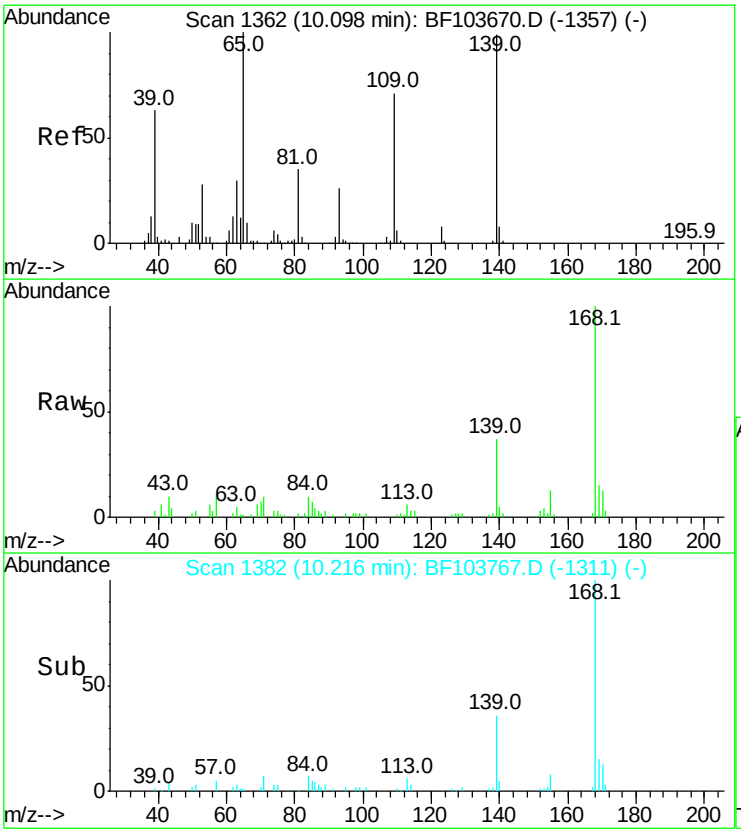
#52
3-Nitroaniline
Concen: 3.854 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.25 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 197

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	0.0	89.4	134.2#

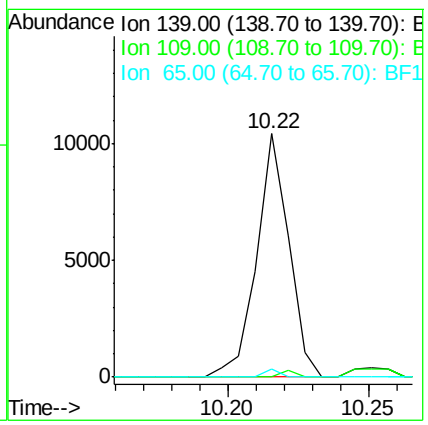


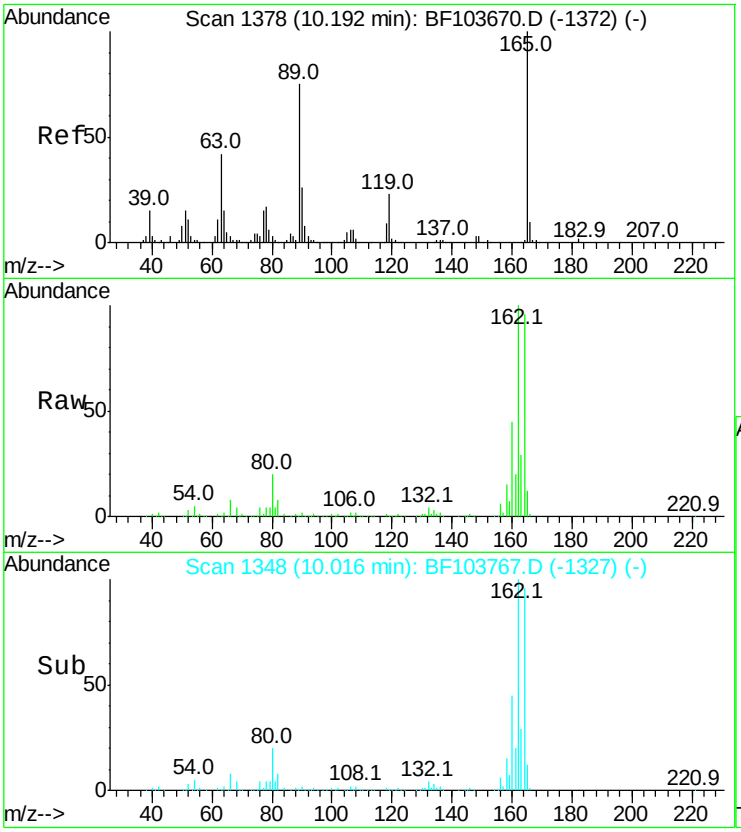


#55
4-Nitrophenol
Concen: 7.117 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:139 Resp: 8237

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	3.3	72.6	112.6#



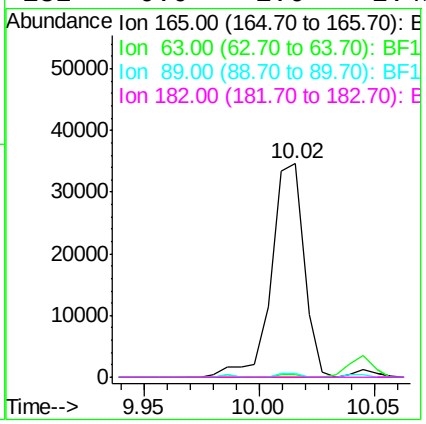


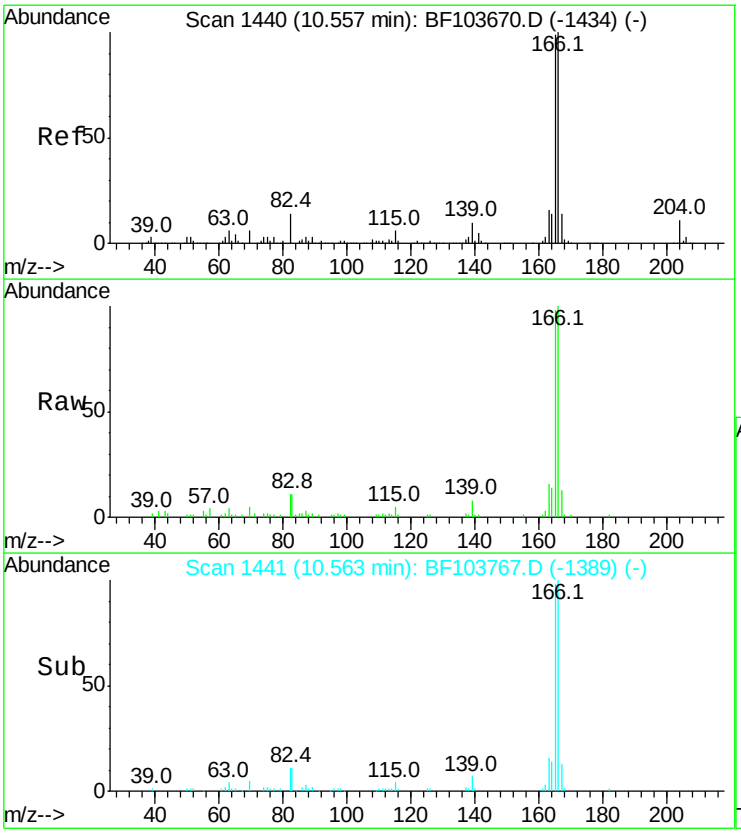
#56
2,4-Dinitrotoluene
Concen: 12.361 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.18 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34008

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

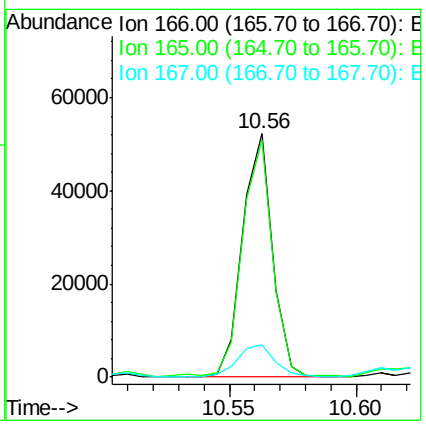


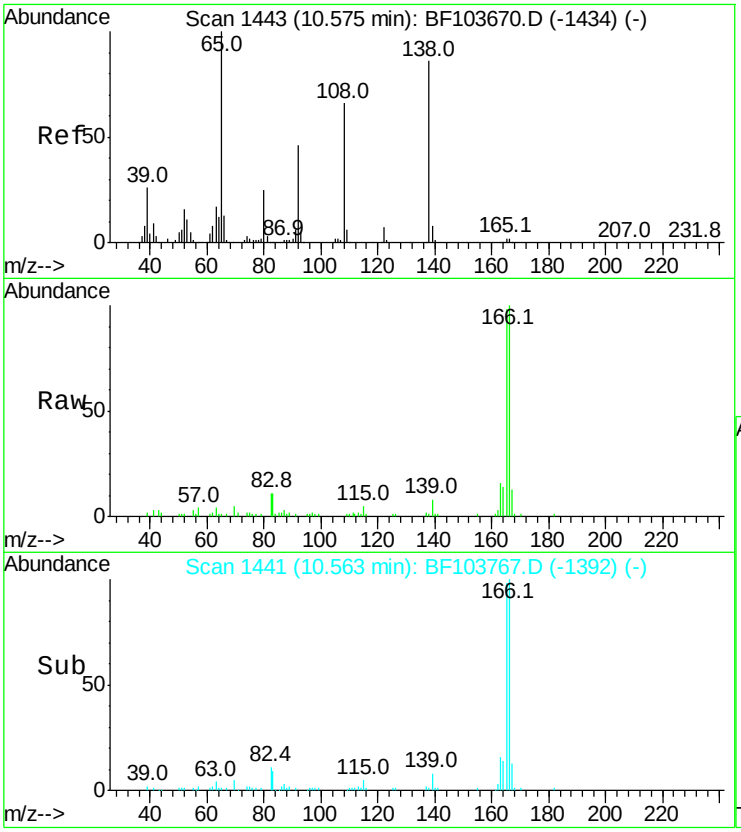


#57
Fluorene
Concen: 2.462 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:166 Resp: 42851

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.8	119.8
167	13.2	10.6	16.0



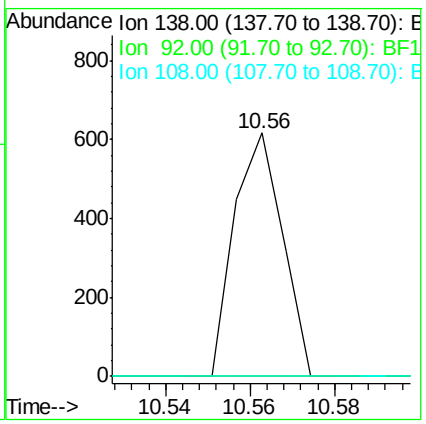


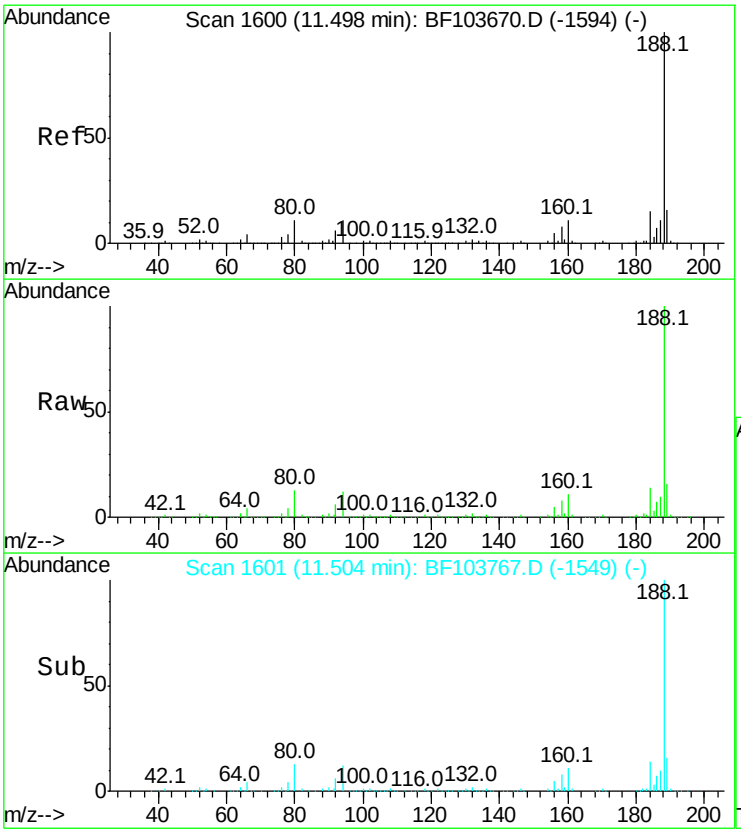
#61
4-Nitroaniline
Concen: 3.852 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 488

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	0.0	52.5	92.5#

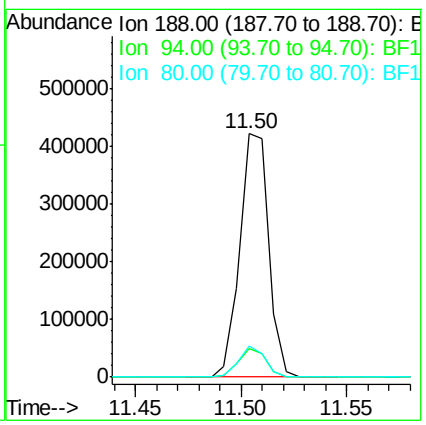


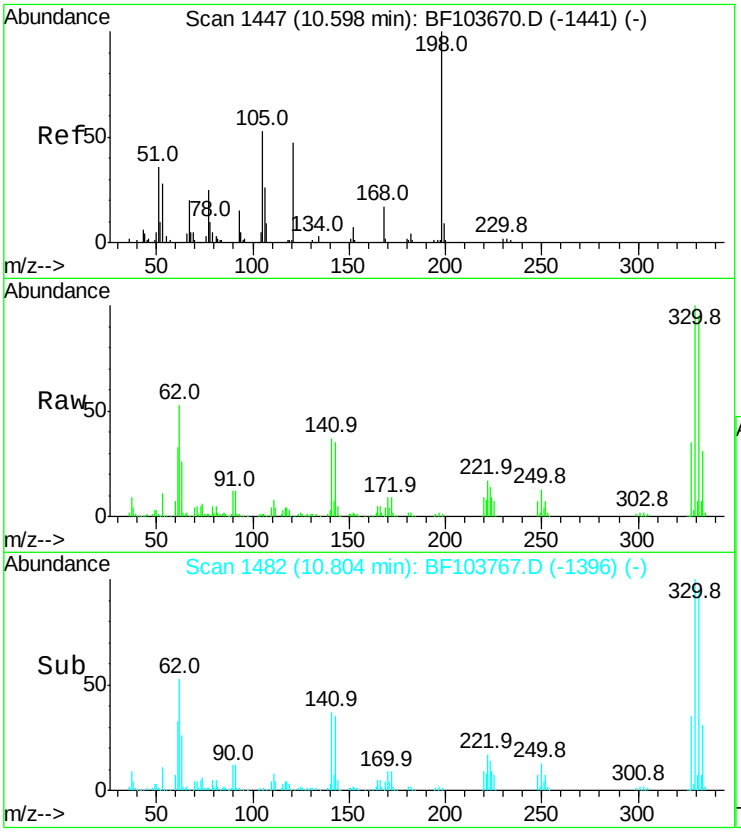


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:188 Resp: 399029

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.8	9.2	13.8



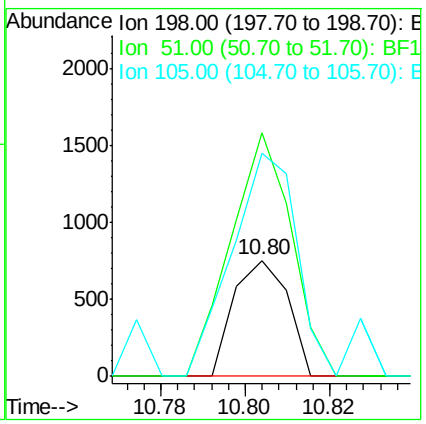


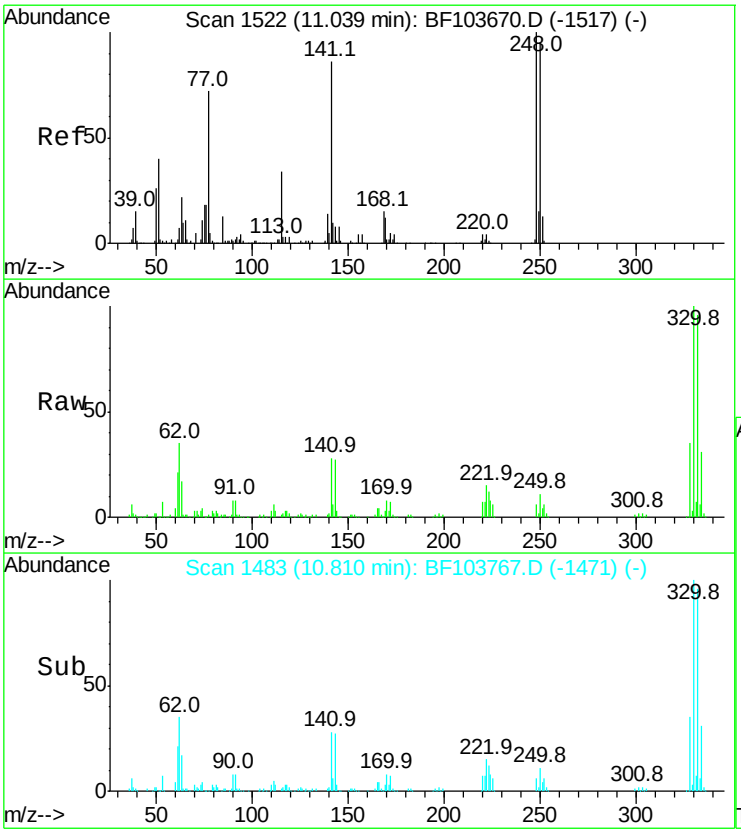
#64
4,6-Dinitro-2-methylphenol
Concen: 8.620 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 671

Ion	Ratio	Lower	Upper
198	100		
51	209.8	37.7	77.7#
105	192.0	36.3	76.3#

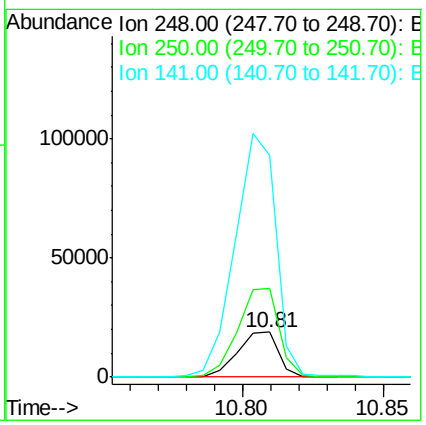


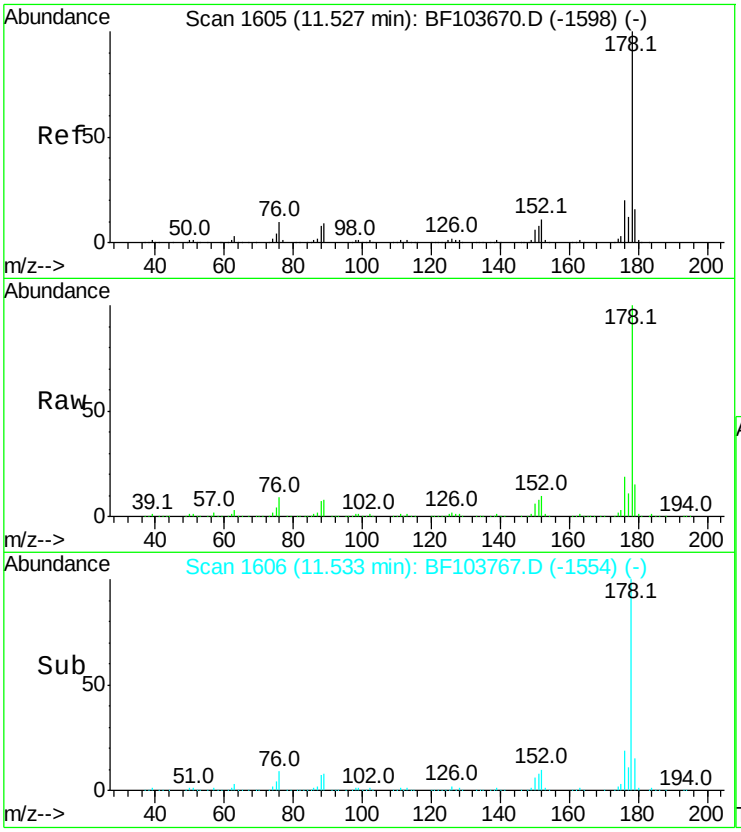


#66
4-Bromophenyl-phenylether
Concen: 4.639 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.23 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:248 Resp: 19004

Ion	Ratio	Lower	Upper
248	100		
250	197.6	76.9	115.3#
141	492.1	74.4	111.6#



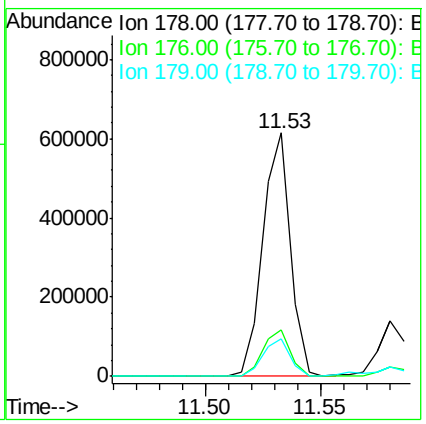


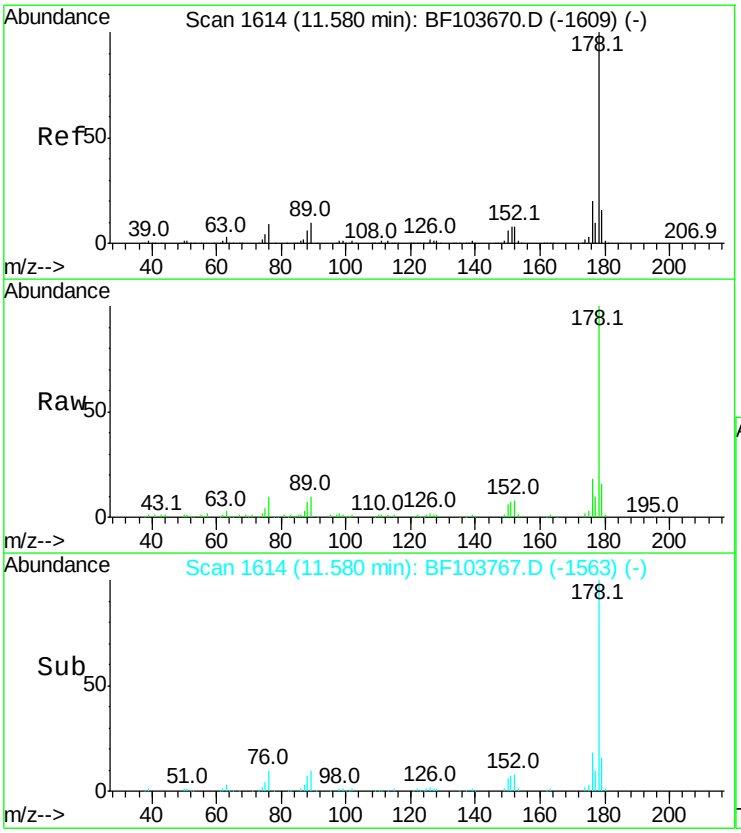
#70
Phenanthrene
Concen: 23.499 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 512935

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	13.0	19.6

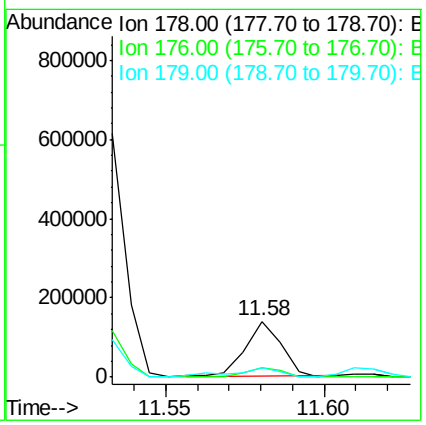


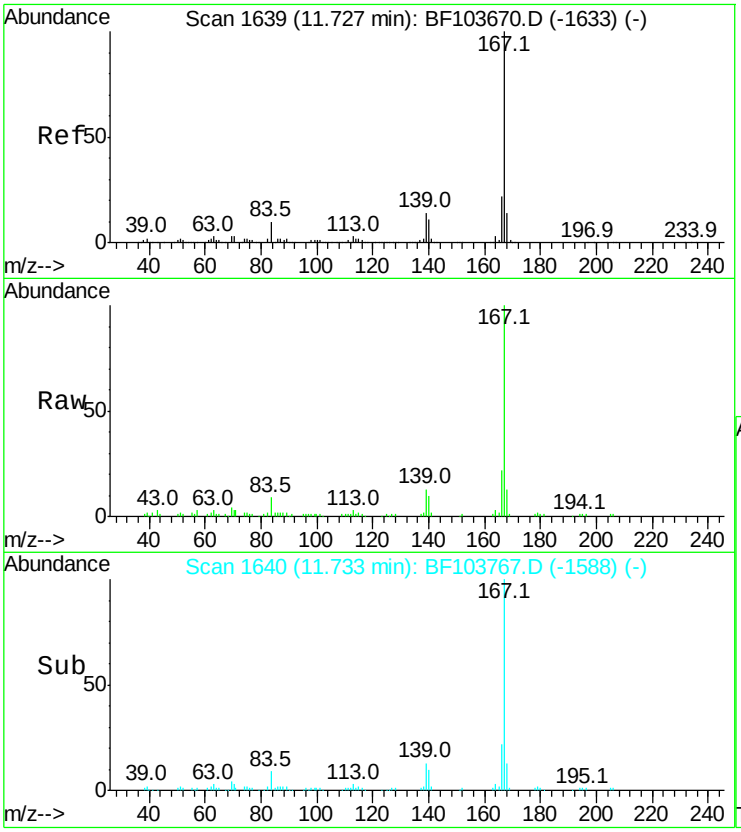


#71
Anthracene
Concen: 4.882 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:178 Resp: 108242

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	16.0	12.6	19.0



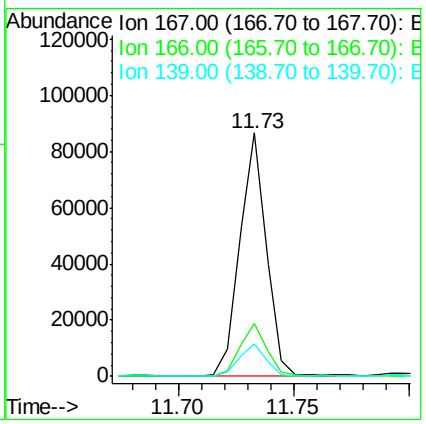


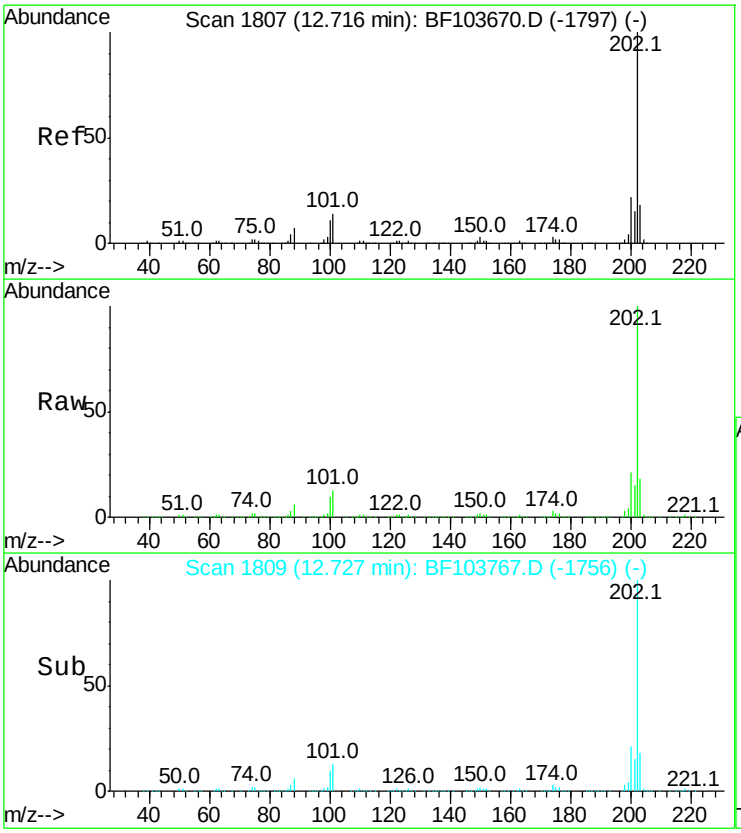
#72
Carbazole
Concen: 3.234 ng
RT: 11.73 min Scan# 1640
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 69683

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.2	10.9	16.3

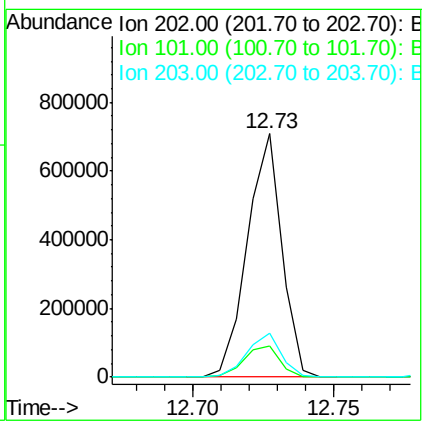


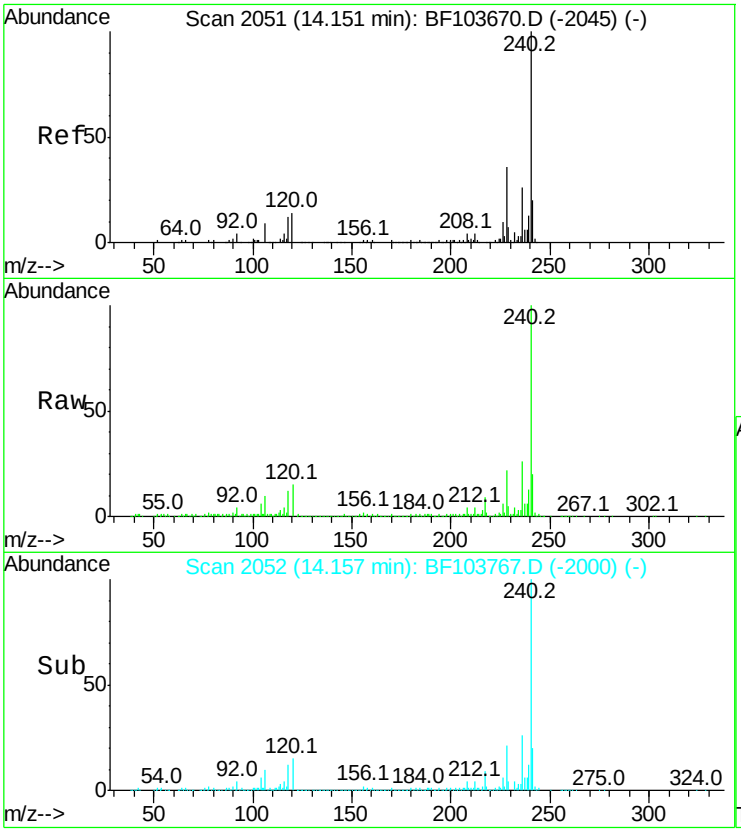


#74
Fluoranthene
Concen: 26.628 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:202 Resp: 598795

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.9	0.0	38.1



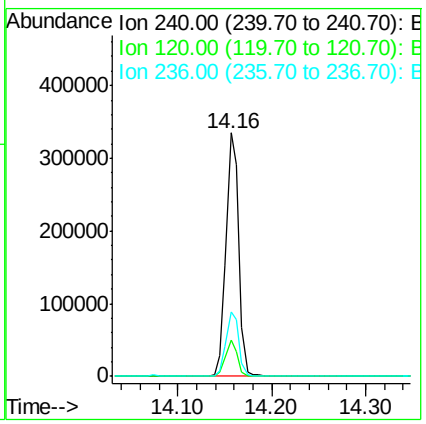


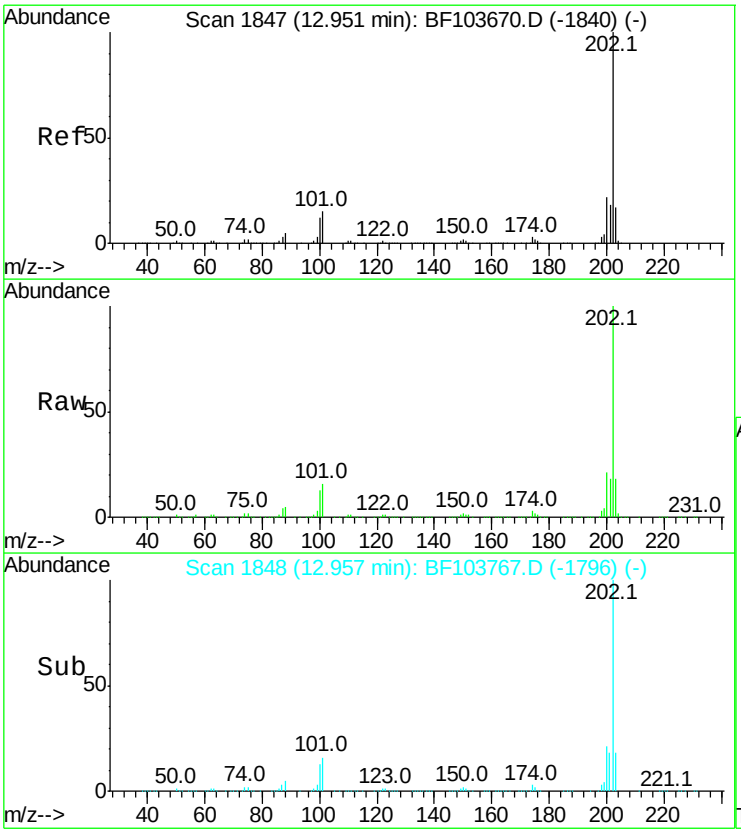
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 316902

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	26.3	20.7	31.1

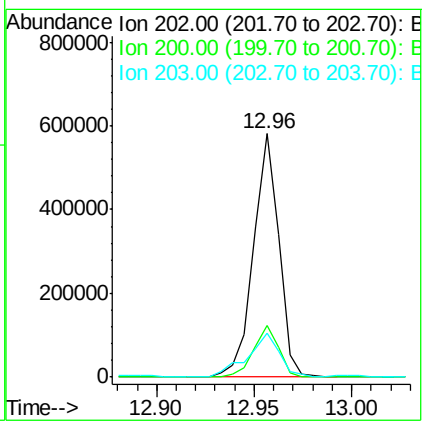


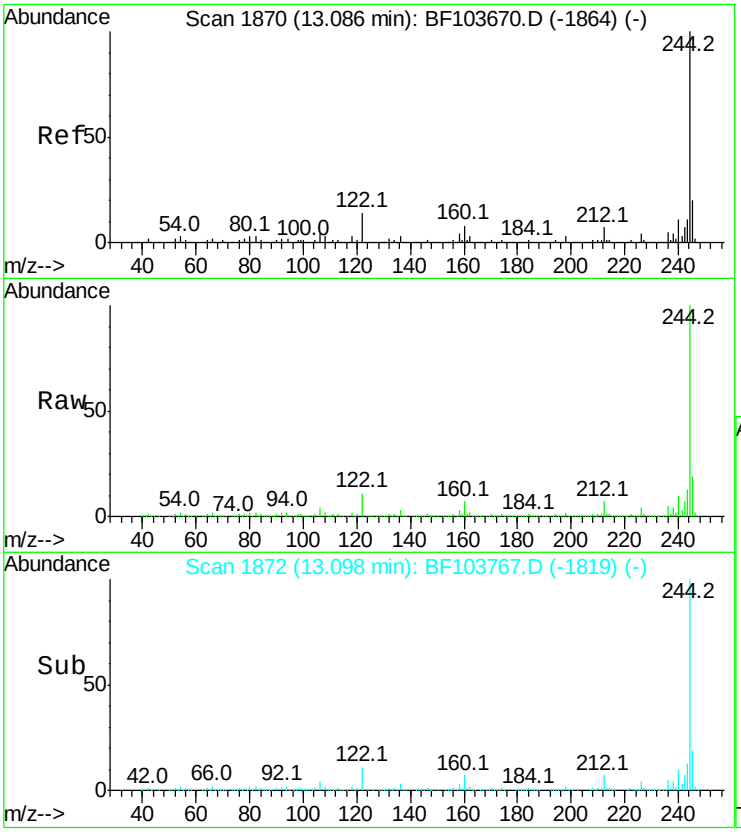


#77
Pyrene
Concen: 22.425 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:202 Resp: 521903

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.1	14.3	21.5



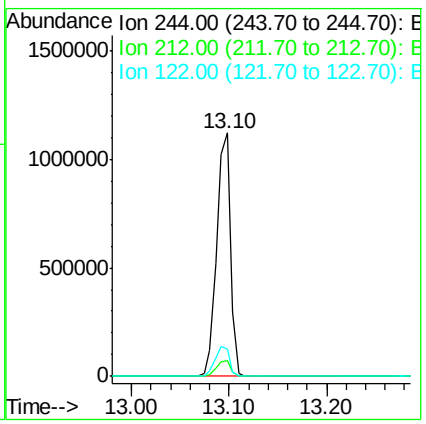


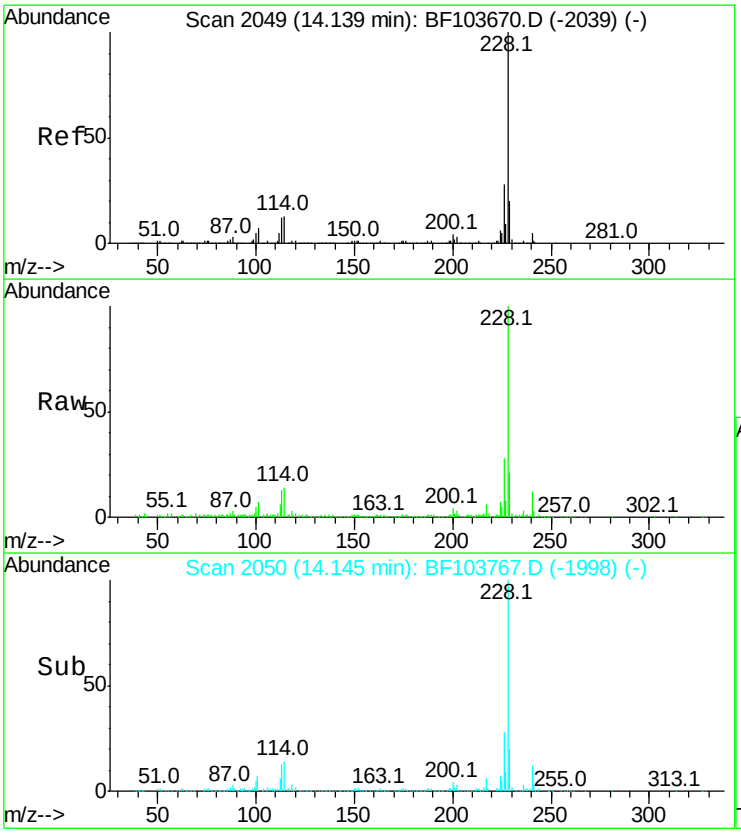
#78
Terphenyl-d14
Concen: 80.829 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1103539

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.5	11.0	16.4

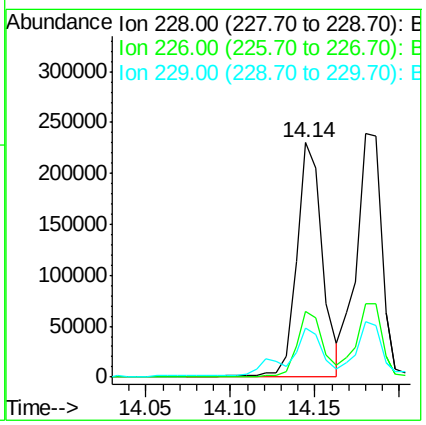


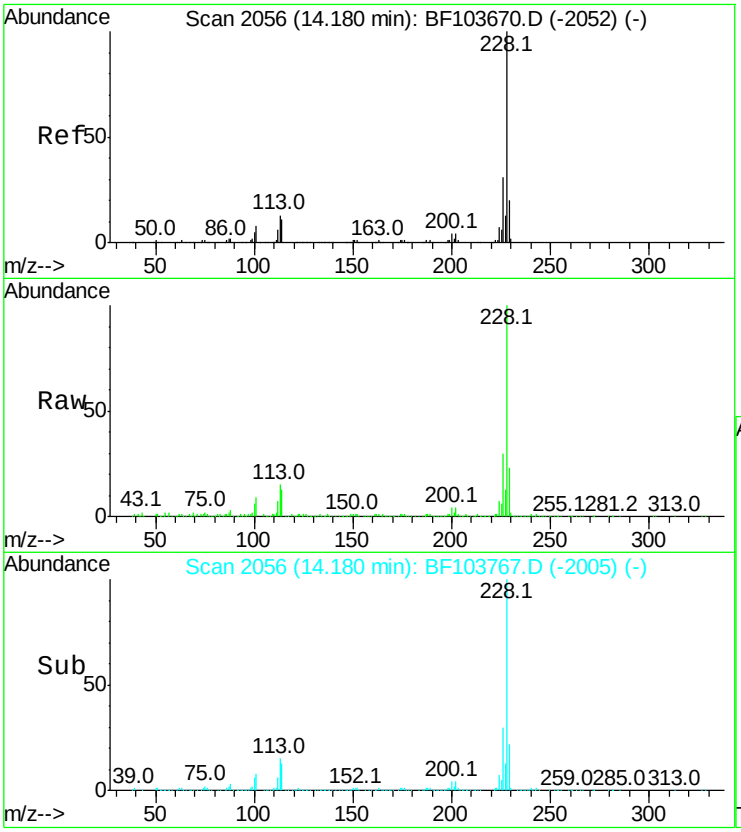


#80
Benzo(a)anthracene
Concen: 12.049 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:228 Resp: 241699

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.7	15.8	23.6



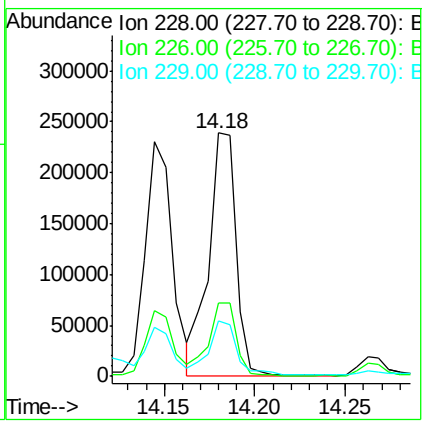


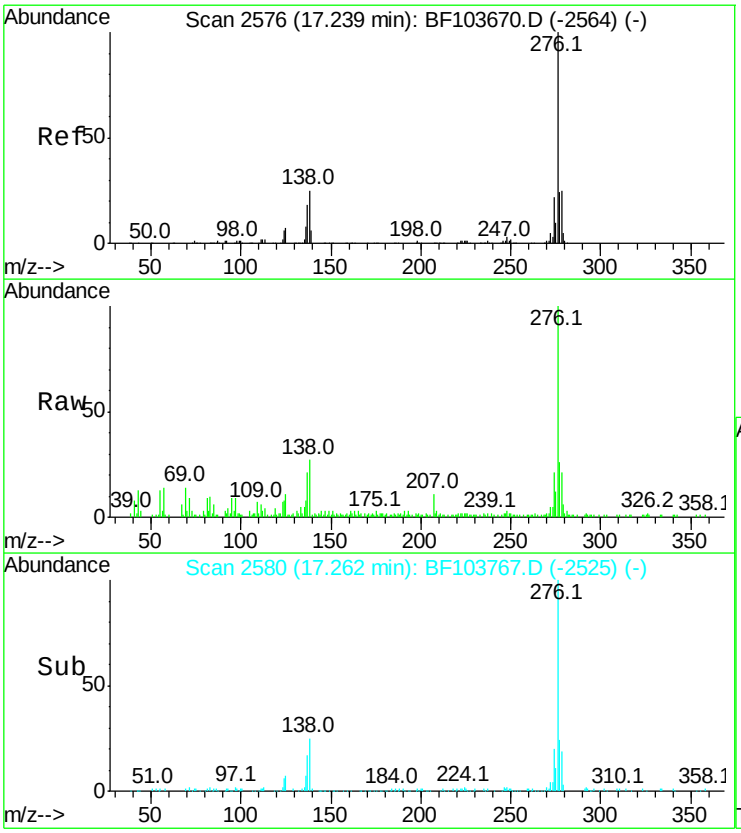
#82
Chrysene
Concen: 13.092 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 250350

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.7	16.2	24.4

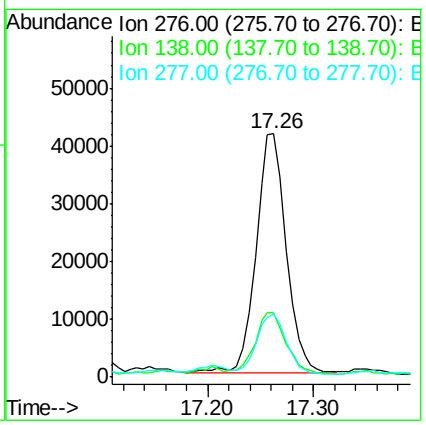


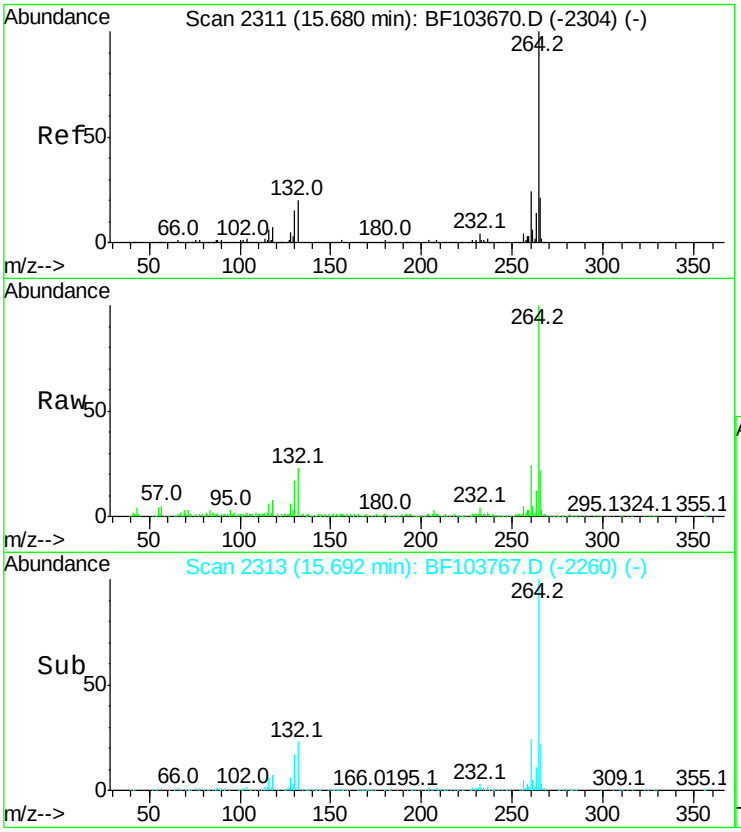


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.954 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.02 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:276 Resp: 82726

Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	24.6	20.1	30.1



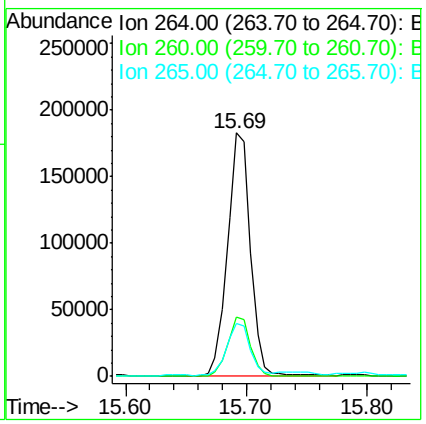


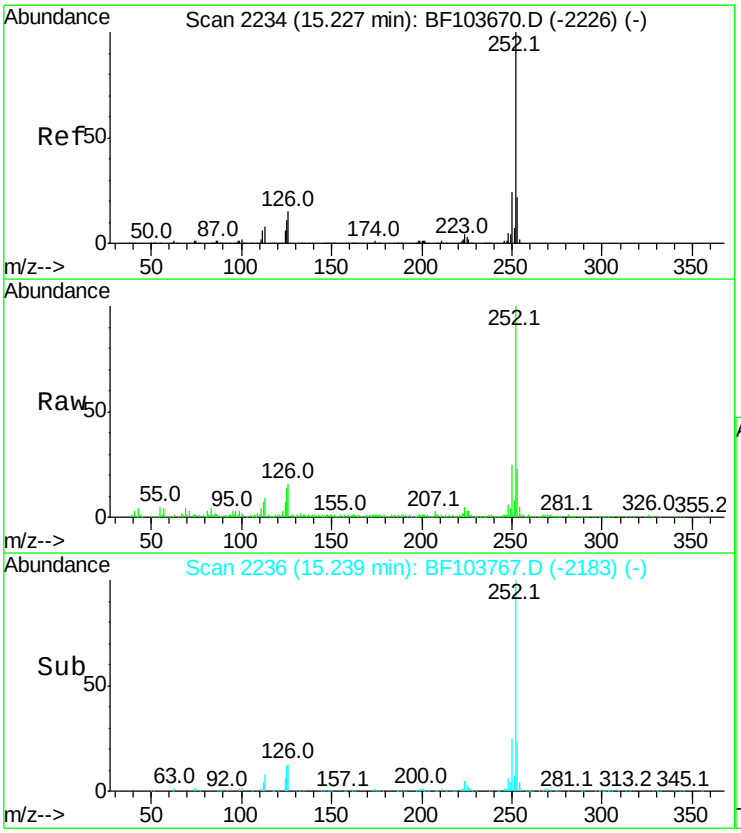
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 240518

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.5	26.3

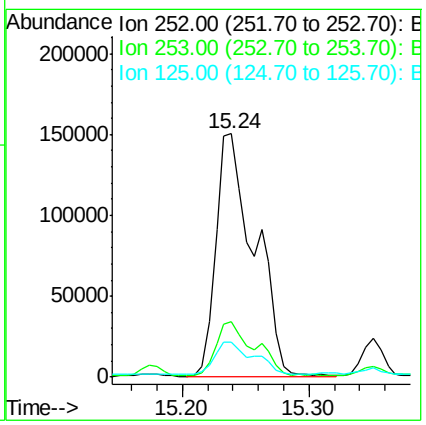


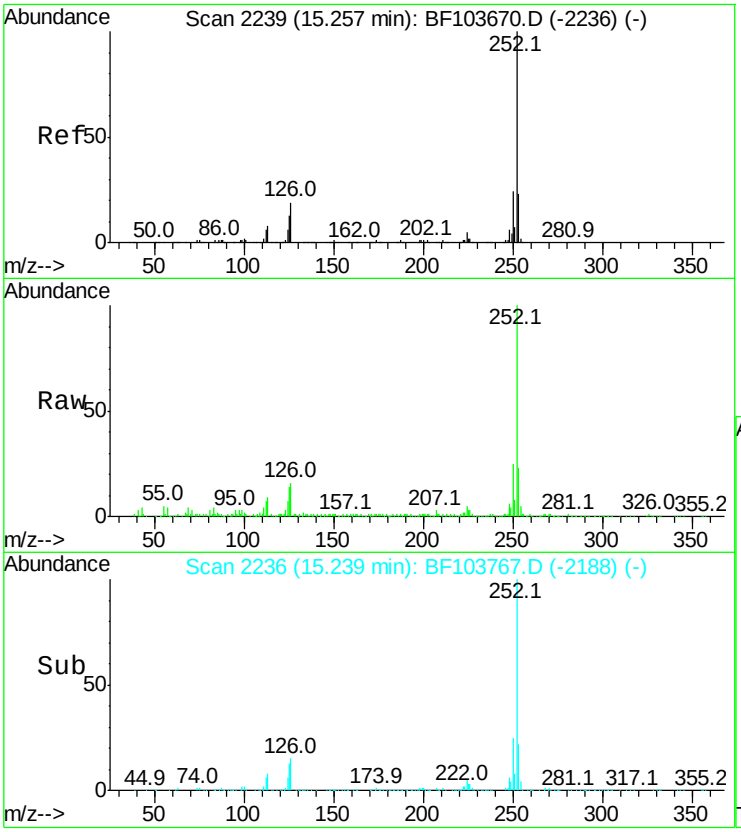


#87
Benzo(b)fluoranthene
Concen: 21.017 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:252 Resp: 319365

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	14.4	9.0	13.6#



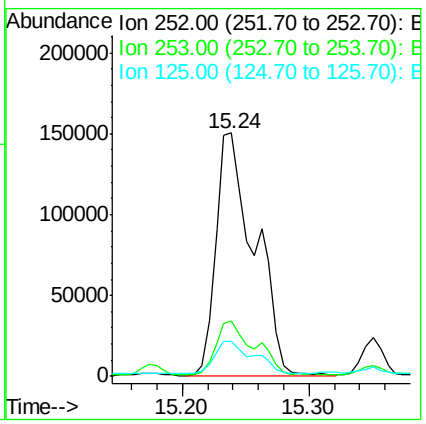


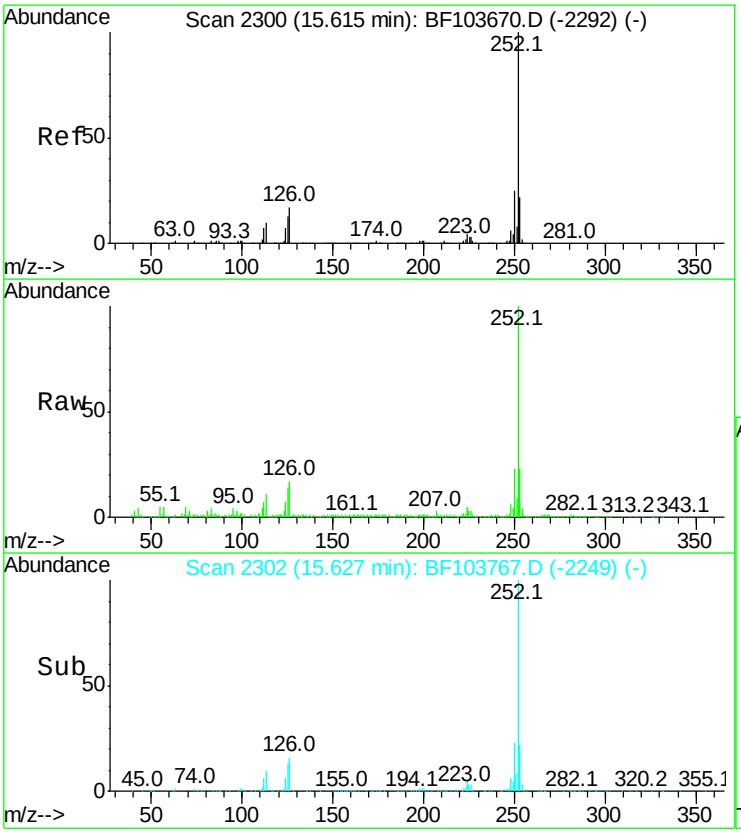
#88
Benzo(k)fluoranthene
Concen: 21.864 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 319365

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	14.4	10.2	15.2

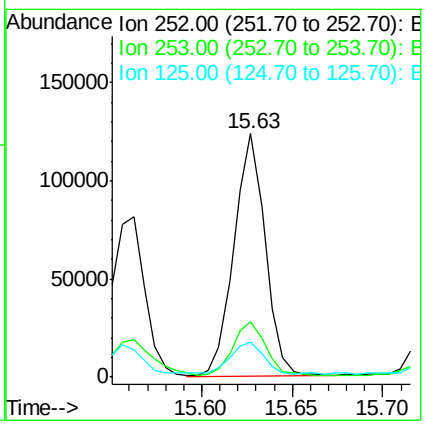


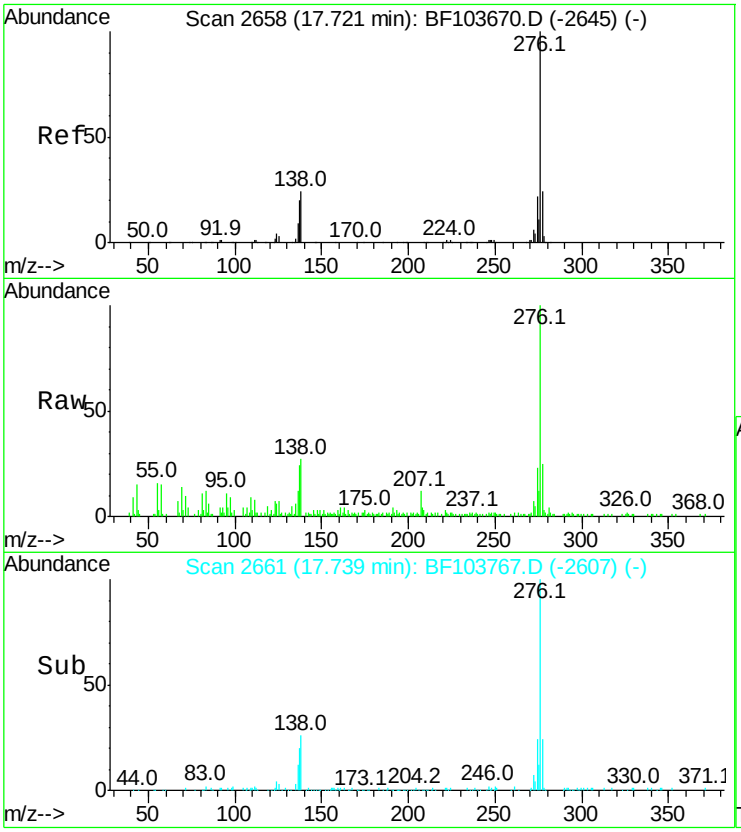


#89
Benzo(a)pyrene
Concen: 10.764 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Tgt Ion:252 Resp: 148354

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.571 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.02 min
Lab File: BF103767.D
Acq: 19 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 76291

Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	27.0	21.8	32.8