Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103769.D
Acq On : 19 Mar 2018 21:25
Operator : JU/SJ
Sample : J1972-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 20 00:58:20 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	172479	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	678418	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	285903	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	427003	20.00	ng		0.00
75) Chrysene-d12	14.16	240	332909	20.00	ng		0.00
86) Perylene-d12	15.70	264	261466	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1351060	119.14	ng		0.02
7) Phenol-d6	6.60	99	1675709	120.78	ng		0.01
23) Nitrobenzene-d5	7.54	82	1022025	105.06	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	315167	128.21	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1382729	77.15	ng		0.00
78) Terphenyl-d14	13.09	244	1024077	71.40	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.61	94	45380	3.078	ng		95
17) 2-Methylphenol	7.42	107	52421	4.955	ng	#	28
19) n-Nitroso-di-n-propylamine	7.54	70	134810	15.162	ng	#	74
20) 3+4-Methylphenols	7.42	107	52421	3.905	ng	#	40
25) Isophorone	7.54	82	1019496	45.270	ng	#	64
32) Benzoic acid	8.08	122	466	9.959	ng	#	1
47) 2-Nitroaniline	9.57	65	277	6.862	ng	#	9
49) Dimethylphthalate	9.72	163	212289	9.732	ng		99
50) 2,6-Dinitrotoluene	9.79	165	3644	4.776	ng		92
52) 3-Nitroaniline	9.95	138	609	3.925	ng	#	75
55) 4-Nitrophenol	10.22	139	1331	5.282	ng	#	30
56) 2,4-Dinitrotoluene	10.19	165	11208	8.039	ng	#	97
61) 4-Nitroaniline	10.56	138	134	3.775	ng	#	61
64) 4,6-Dinitro-2-methylphenol	10.80	198	622	8.553	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	19321	4.407	ng	#	1
70) Phenanthrene	11.53	178	88944	3.808	ng		97
74) Fluoranthene	12.72	202	132623	5.511	ng		98
77) Pyrene	12.96	202	135475	5.541	ng		98
80) Benzo(a)anthracene	14.14	228	77422	3.674	ng		96
82) Chrysene	14.18	228	78347	3.900	ng		97
87) Benzo(b)fluoranthene	15.24	252	107815	6.527	ng	#	93
88) Benzo(k)fluoranthene	15.24	252	107815	6.790	ng		96
89) Benzo(a)pyrene	15.63	252	51544	3.440	ng	#	92
91) Benzo(g,h,i)perylene	17.74	276	27594	2.186	ng		95

(#) = 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 : BF103769.D
Acq On : 19 Mar 2018 21:25
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Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
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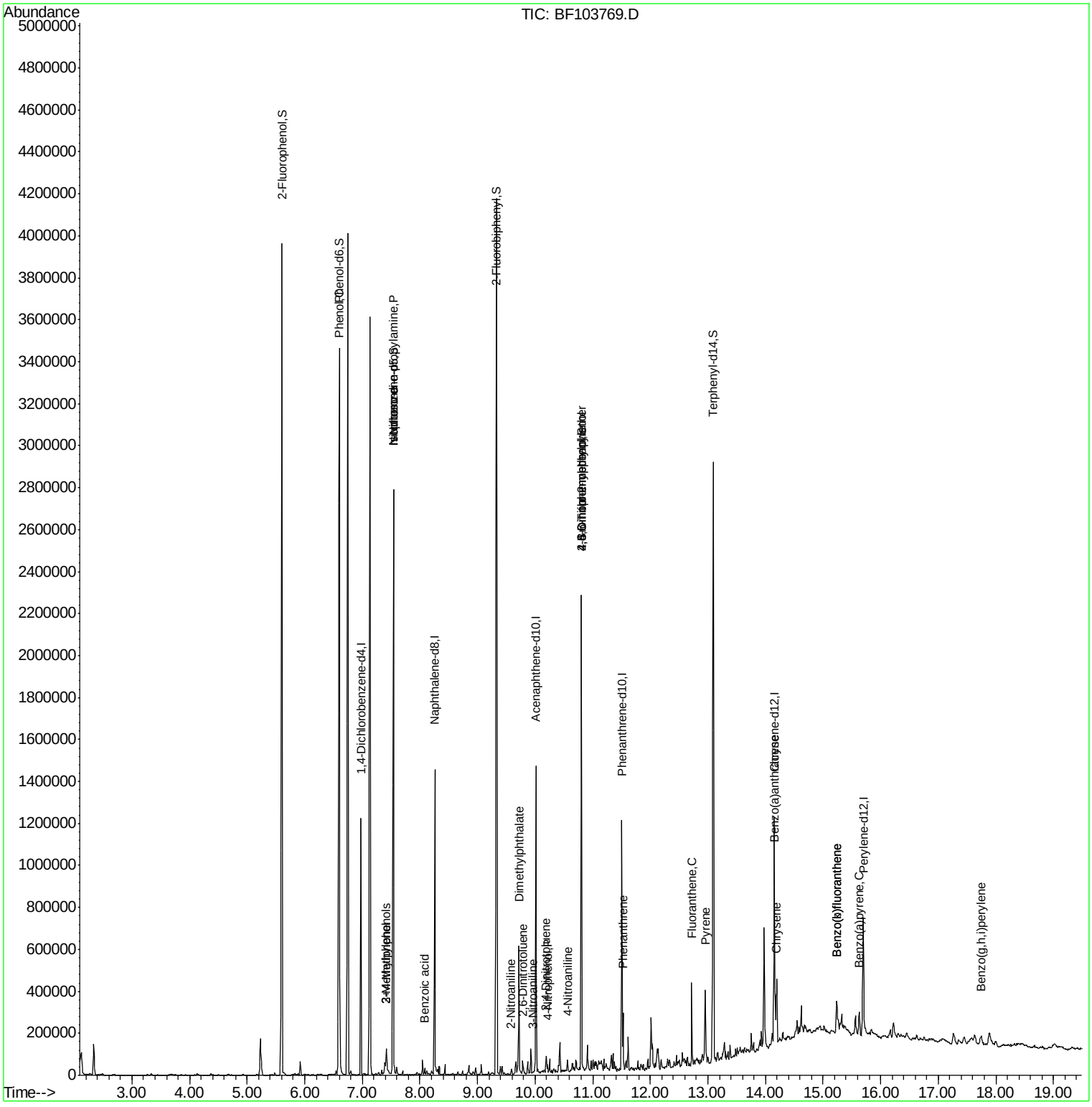
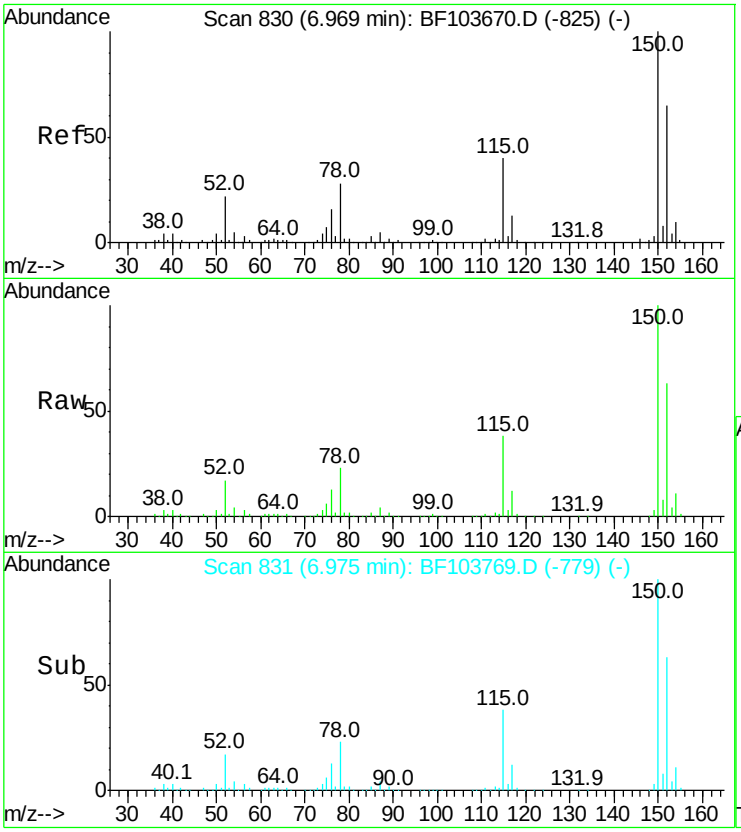


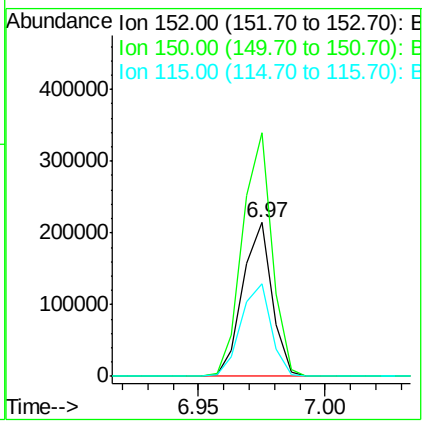


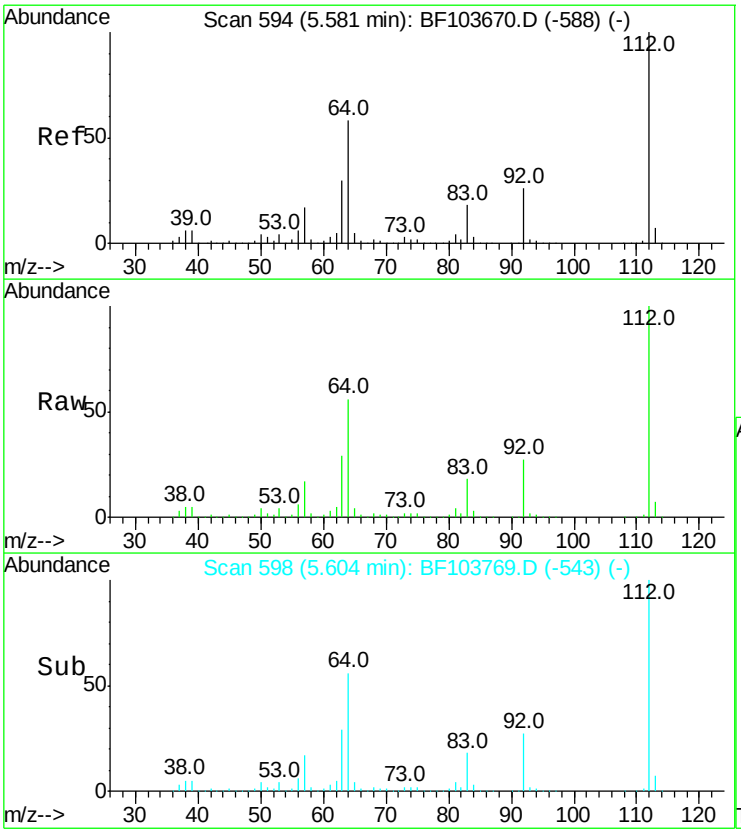
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 172479

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	60.6	50.1	75.1

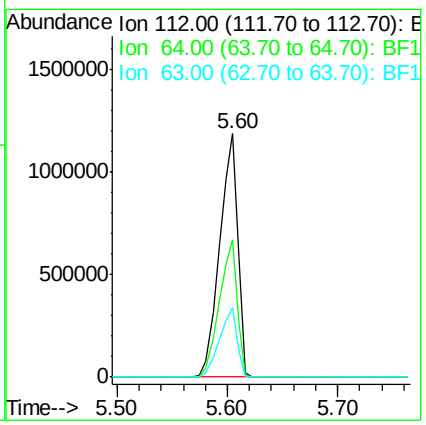


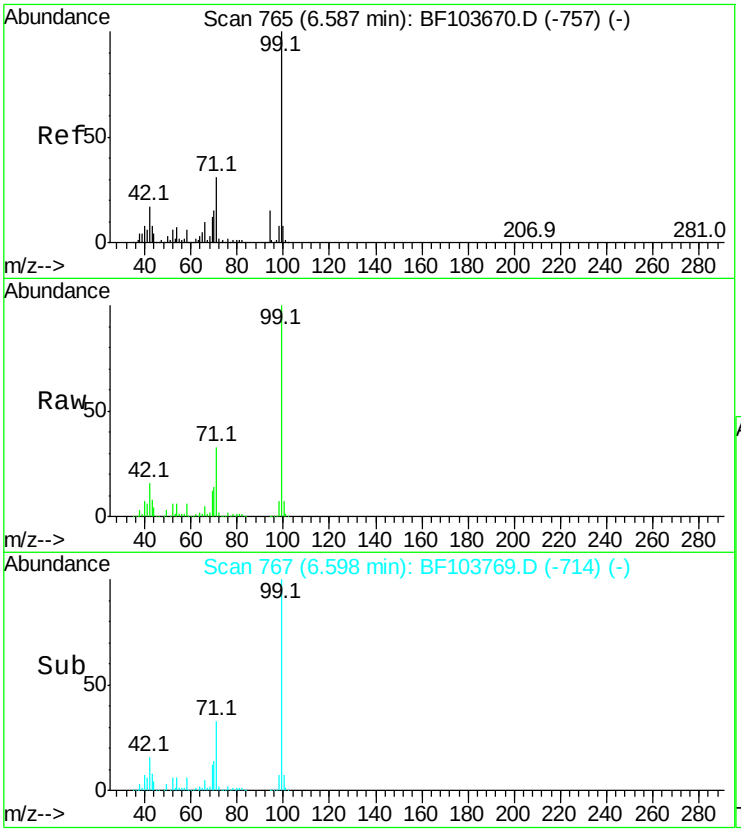


#5
2-Fluorophenol
Concen: 119.142 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:112 Resp: 1351060

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	28.6	23.7	35.5



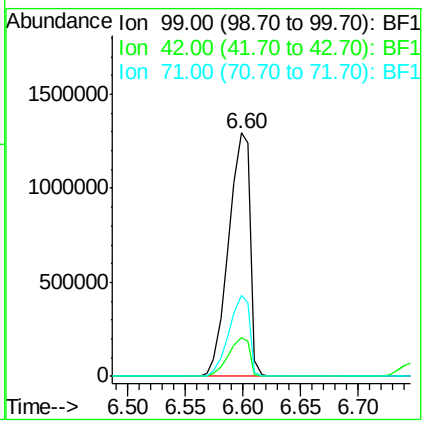


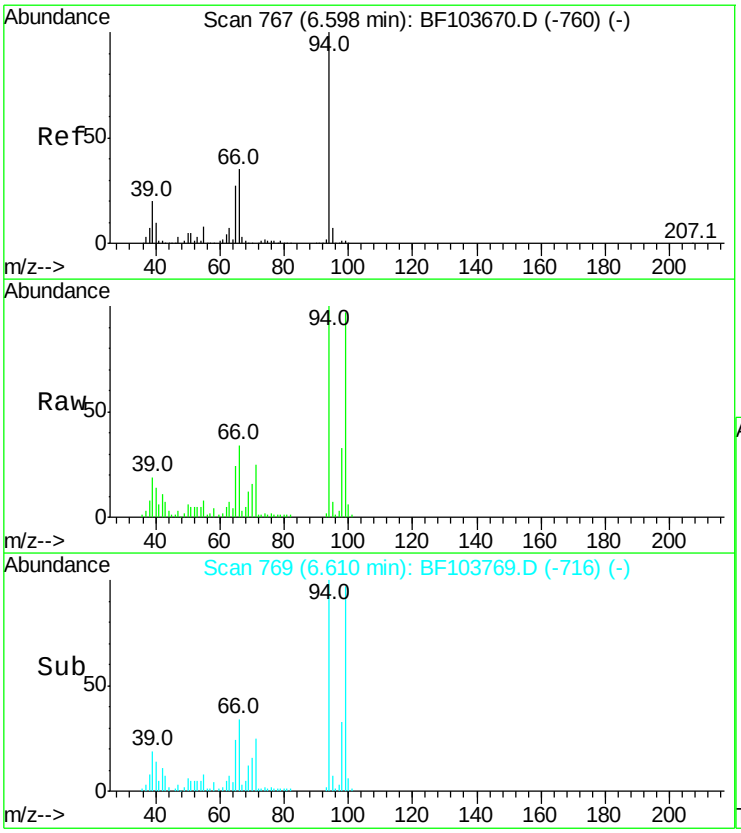
#7
Phenol-d6
Concen: 120.784 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1675709

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	33.4	25.4	38.0

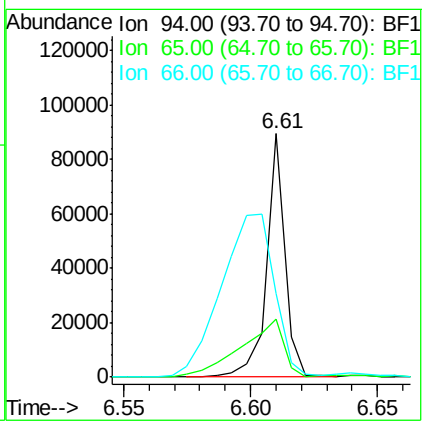


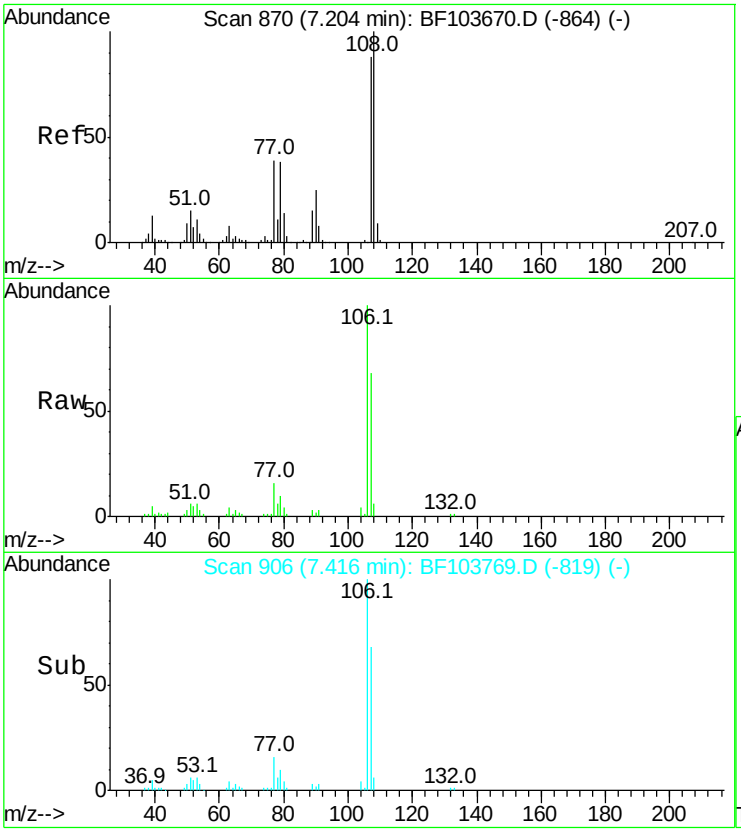


#10
Phenol
Concen: 3.078 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion: 94 Resp: 45380

Ion	Ratio	Lower	Upper
94	100		
65	23.7	7.9	47.9
66	34.4	16.2	56.2



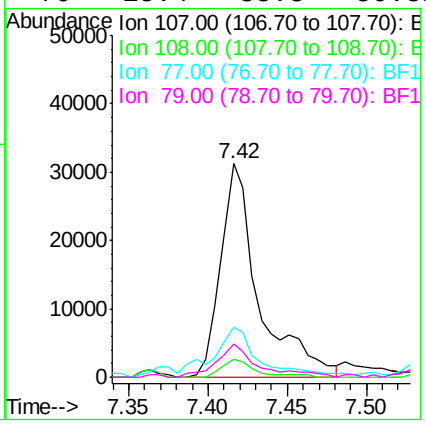


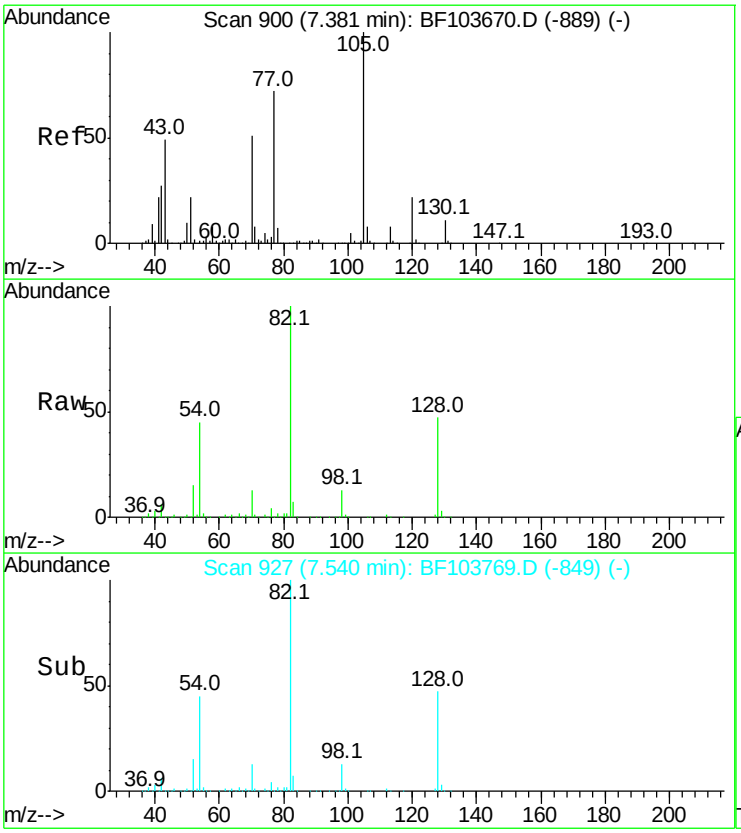
#17
2-Methylphenol
Concen: 4.955 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.21 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 52421

Ion	Ratio	Lower	Upper
107	100		
108	8.5	91.7	137.5#
77	23.6	33.8	50.8#
79	15.4	33.8	50.8#

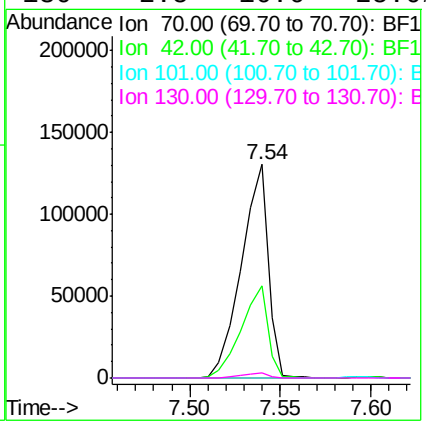


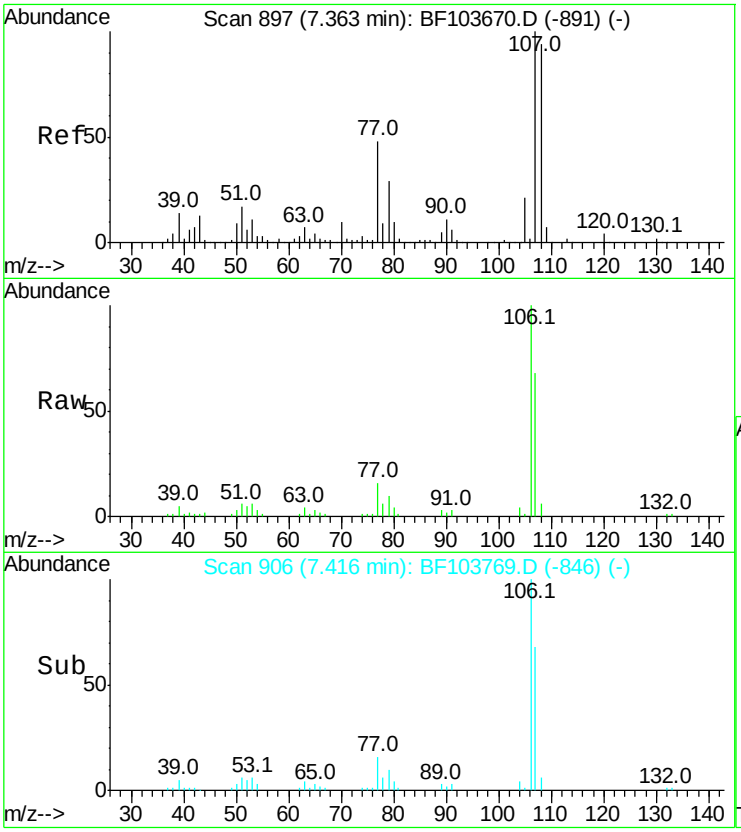


#19
n-Nitroso-di-n-propylamine
Concen: 15.162 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.16 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion: 70 Resp: 134810

Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



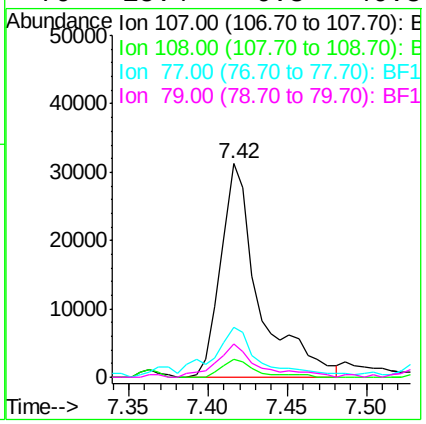


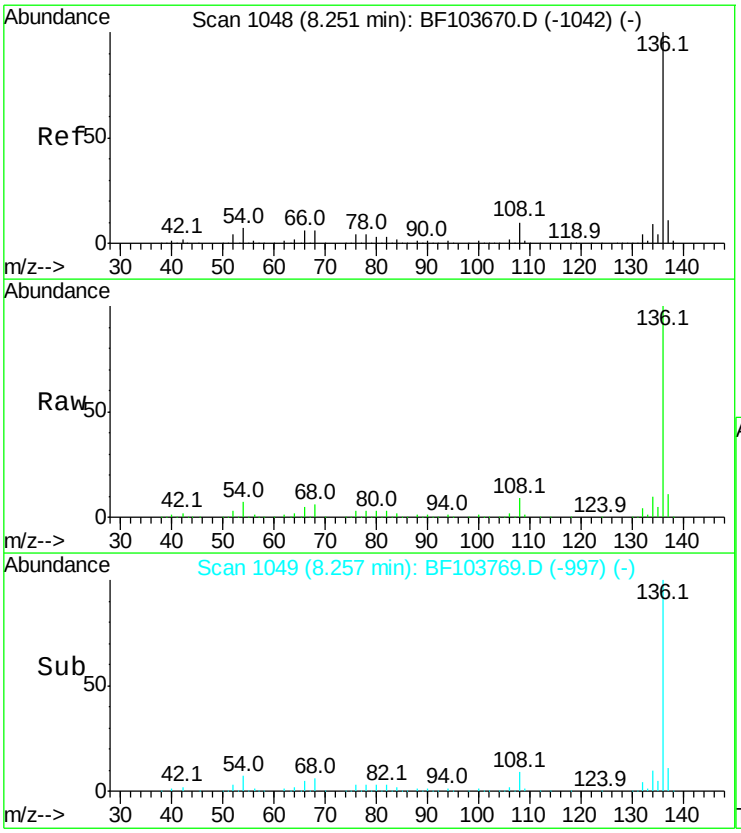
#20
3+4-Methylphenols
Concen: 3.905 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.05 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 52421

Ion	Ratio	Lower	Upper
107	100		
108	8.5	68.2	108.2#
77	23.6	26.7	66.7#
79	15.4	6.3	46.3

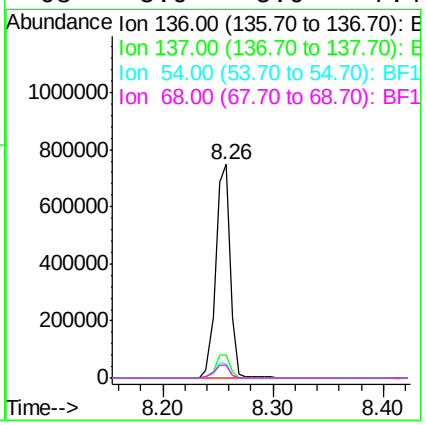


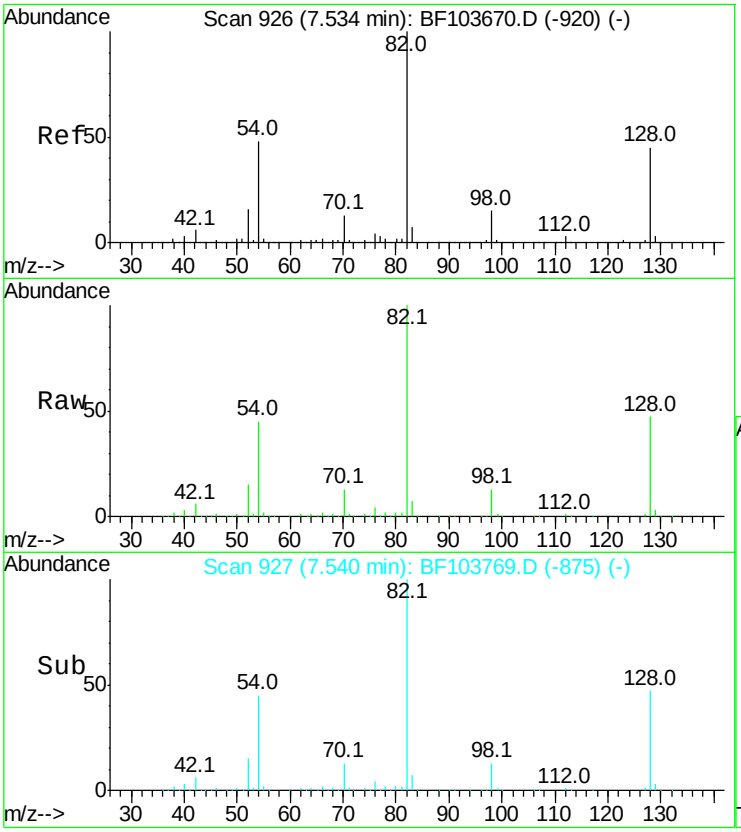


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:136 Resp: 678418

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	6.6	9.8
68	5.9	5.0	7.4



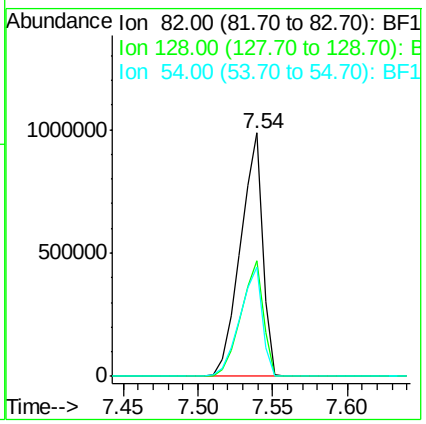


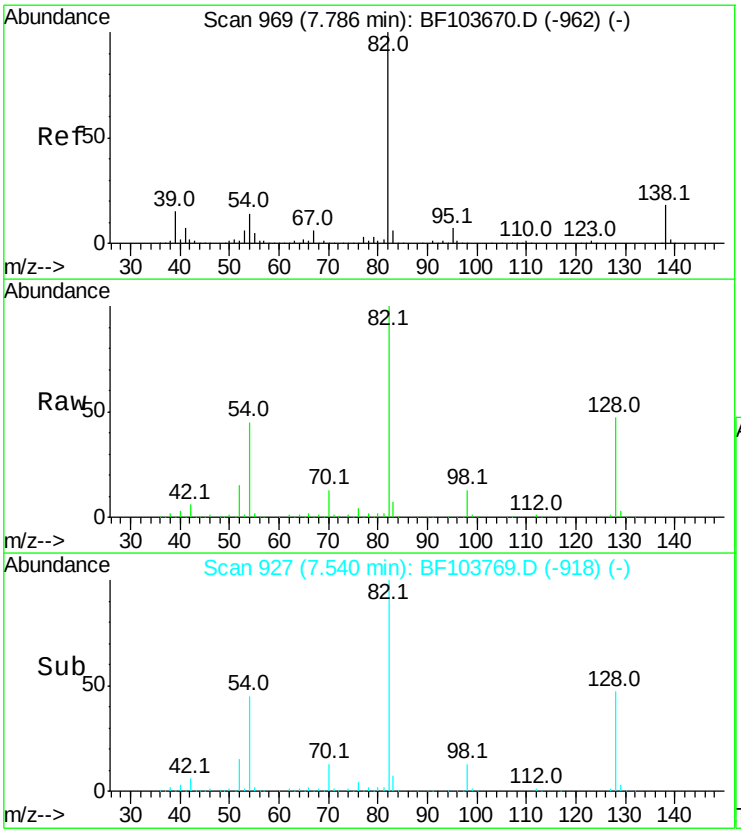
#23
Nitrobenzene-d5
Concen: 105.056 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1022025

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	44.8	41.4	62.2

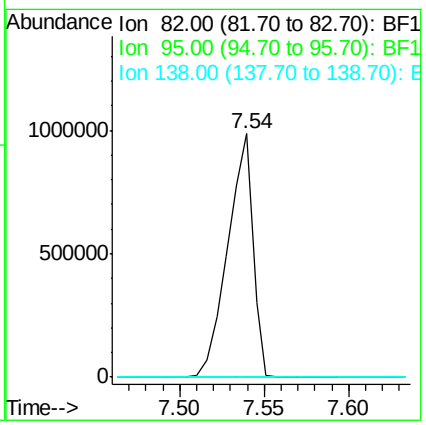


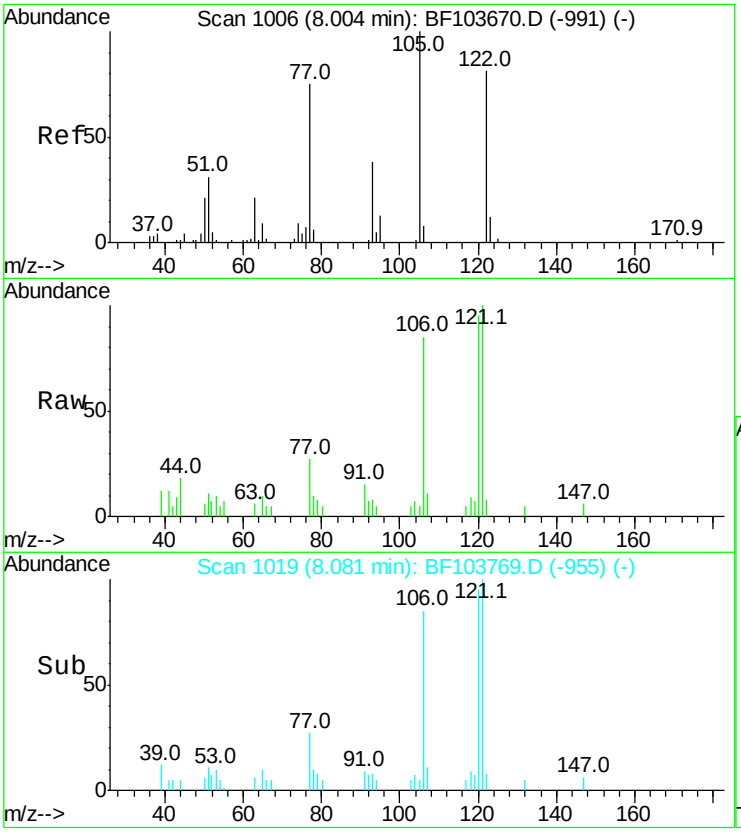


#25
Isophorone
Concen: 45.270 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion: 82 Resp: 1019496

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



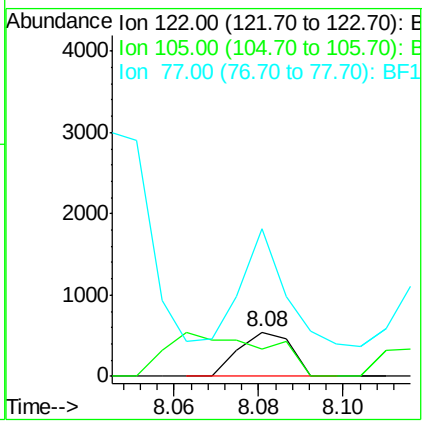


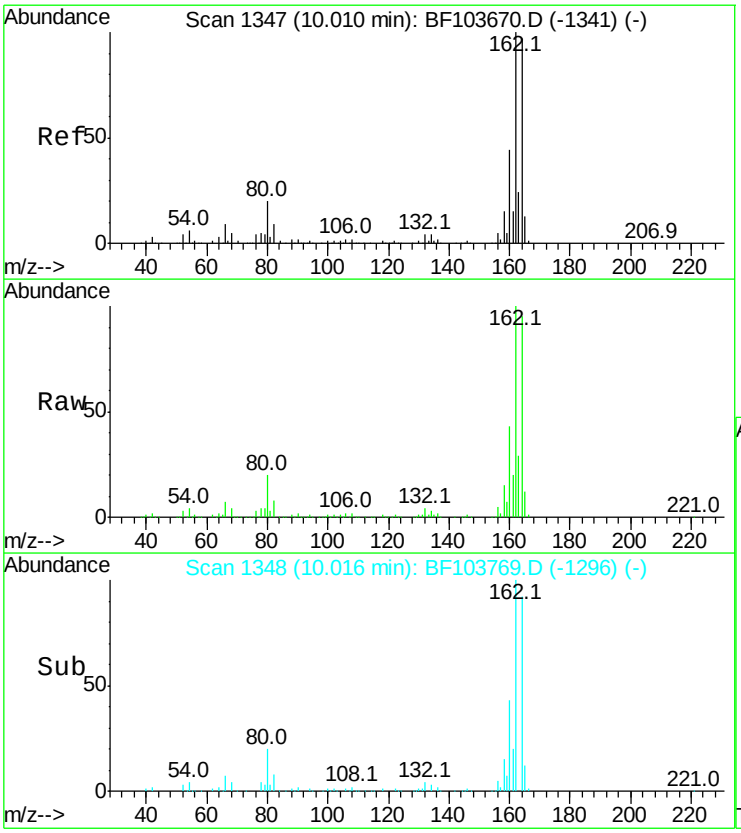
#32
Benzoic acid
Concen: 9.959 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.08 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 466

Ion	Ratio	Lower	Upper
122	100		
105	61.1	101.1	141.1#
77	334.7	70.7	110.7#

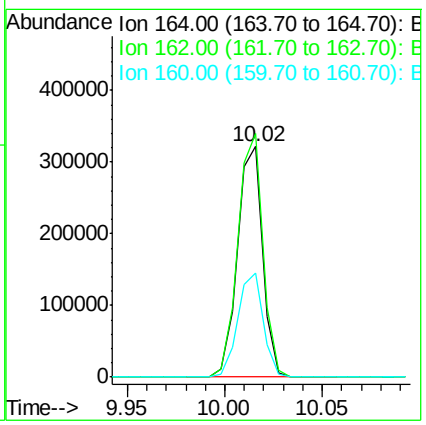


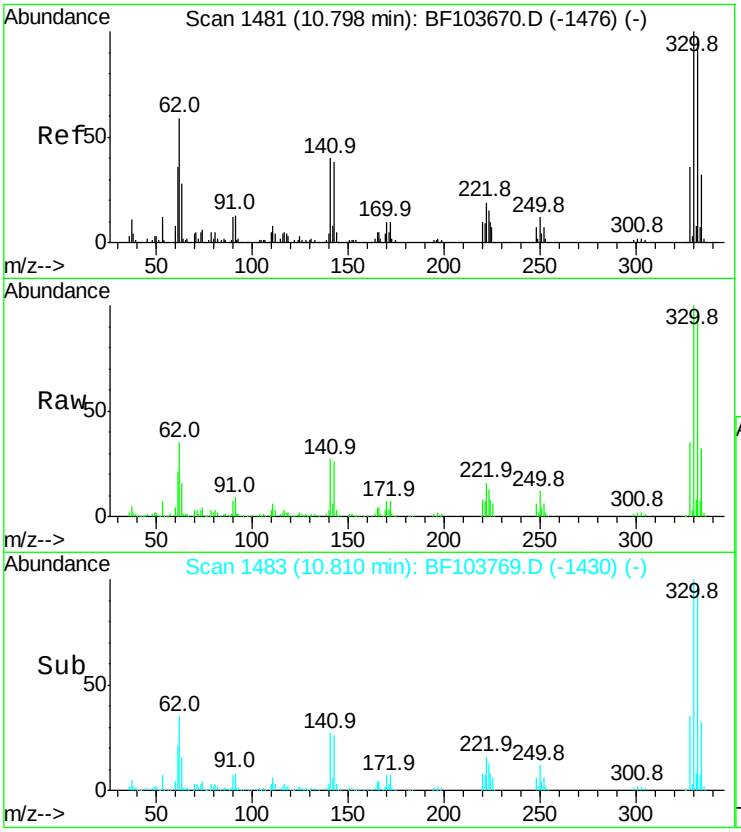


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:164 Resp: 285903

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	45.4	38.3	57.5



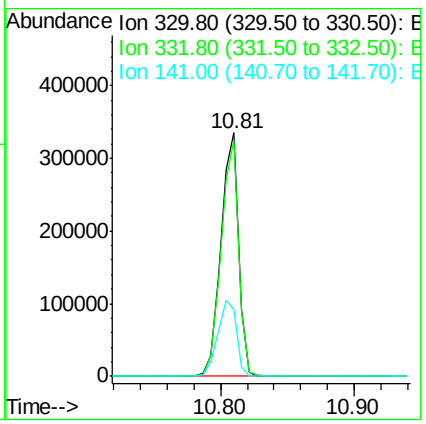


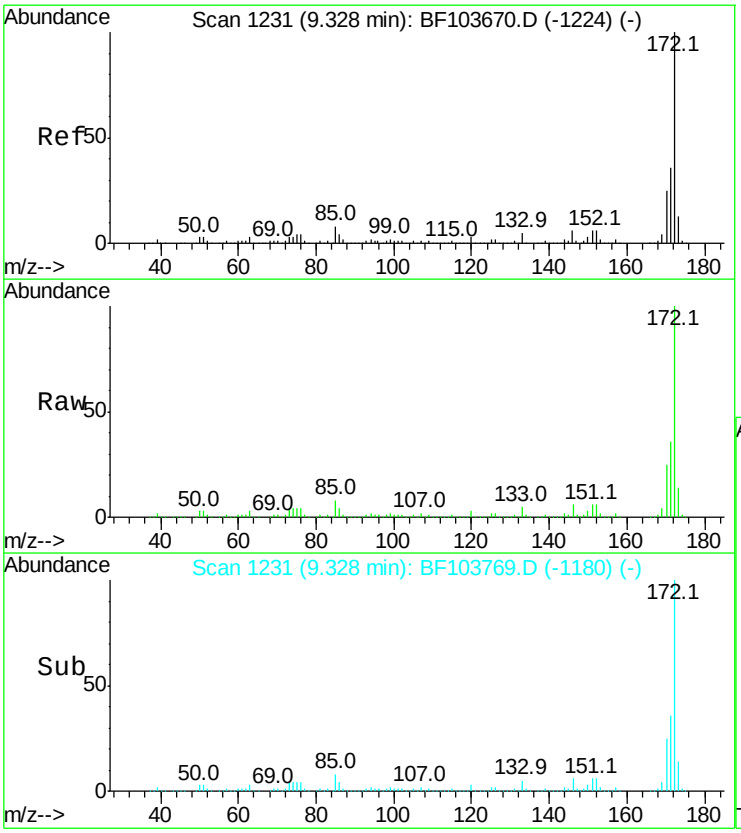
#41
2,4,6-Tribromophenol
Concen: 128.210 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 315167

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.6	29.9	44.9

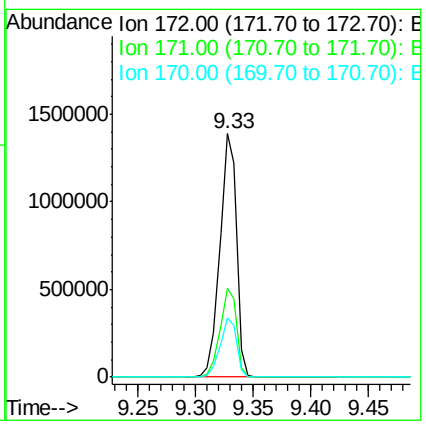


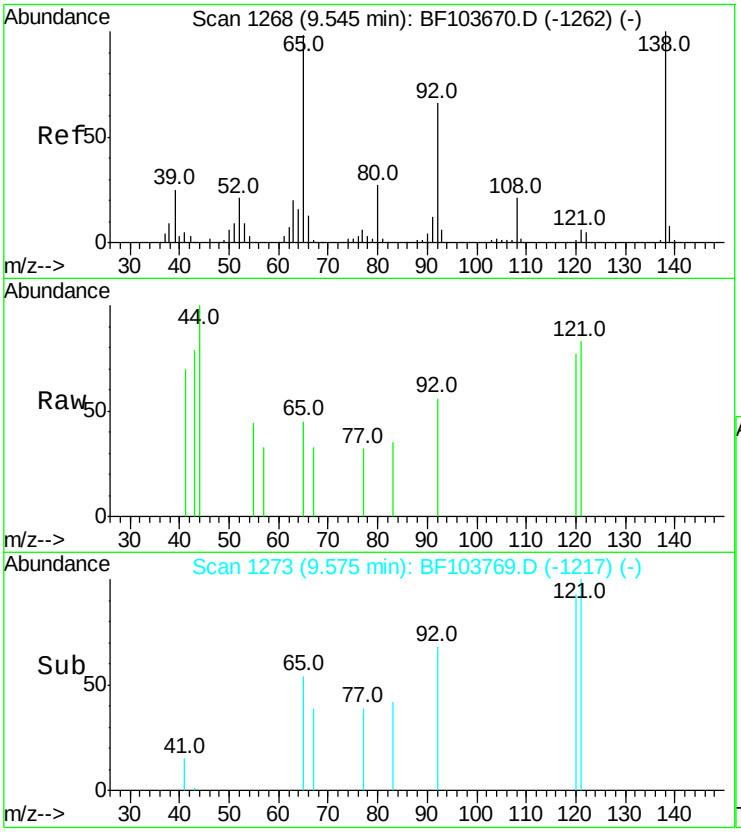


#44
2-Fluorobiphenyl
Concen: 77.147 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:172 Resp: 1382729

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	19.6	29.4



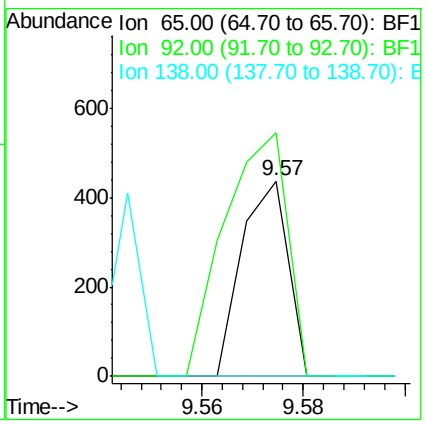


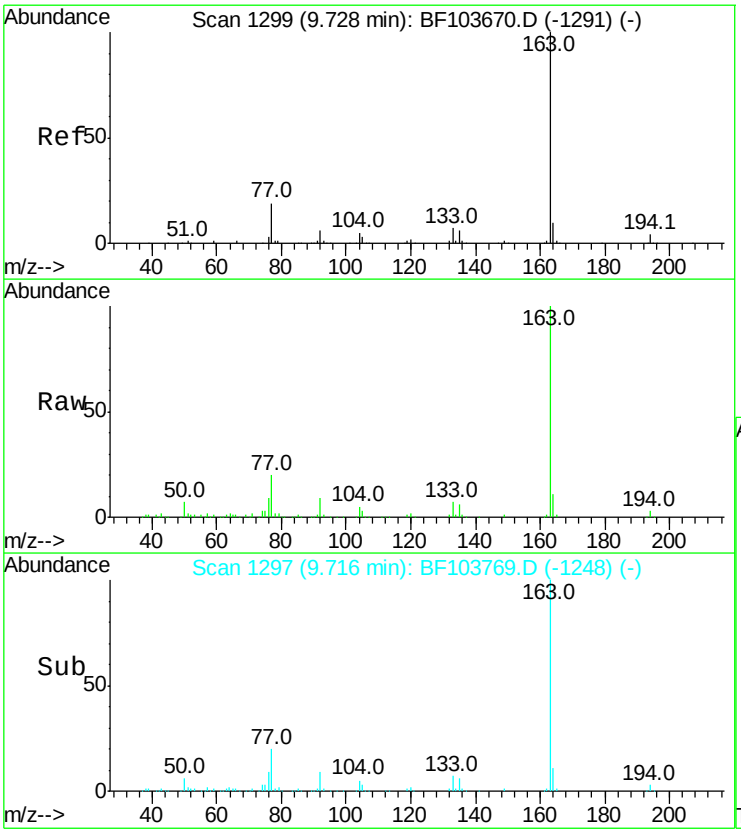
#47
2-Nitroaniline
Concen: 6.862 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.03 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 277

Ion	Ratio	Lower	Upper
65	100		
92	124.5	55.8	83.6#
138	0.0	91.2	136.8#

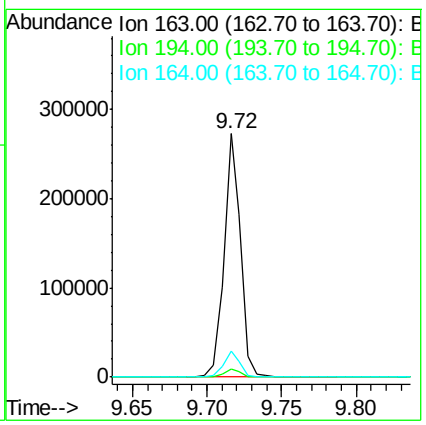


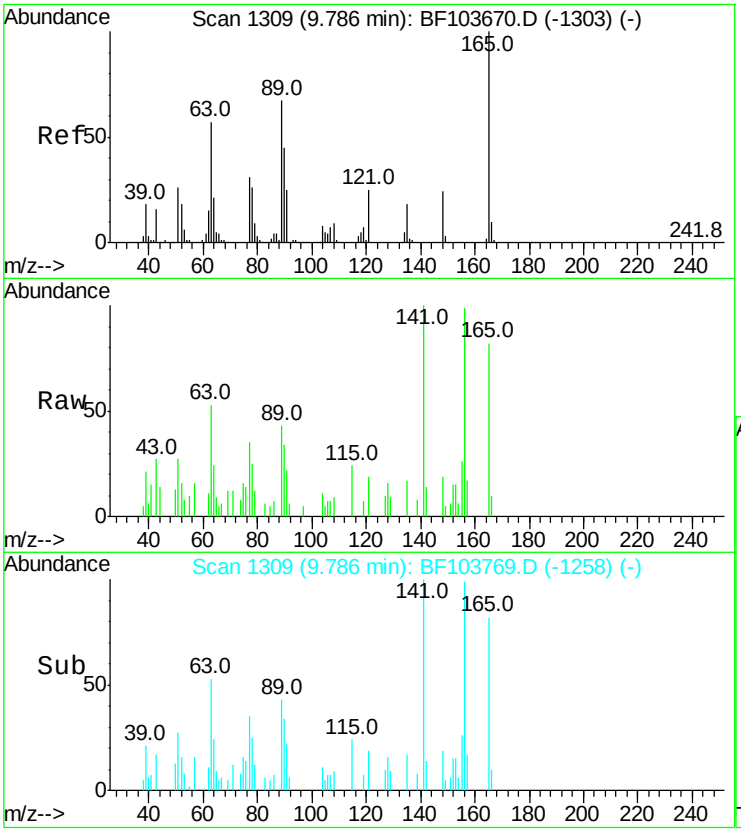


#49
Dimethylphthalate
Concen: 9.732 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:163 Resp: 212289

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.6	8.2	12.2



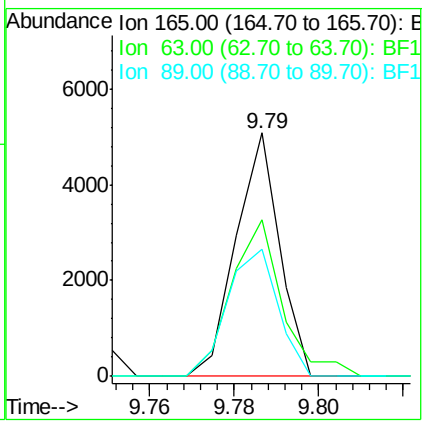


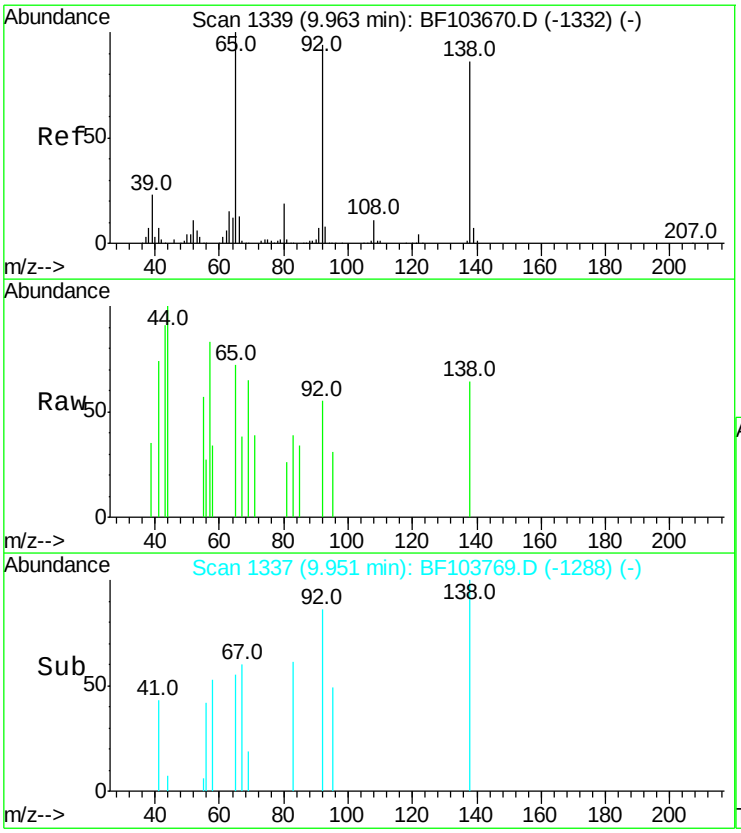
#50
2,6-Dinitrotoluene
Concen: 4.776 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 3644

Ion	Ratio	Lower	Upper
165	100		
63	64.4	44.7	67.1
89	52.4	44.0	66.0

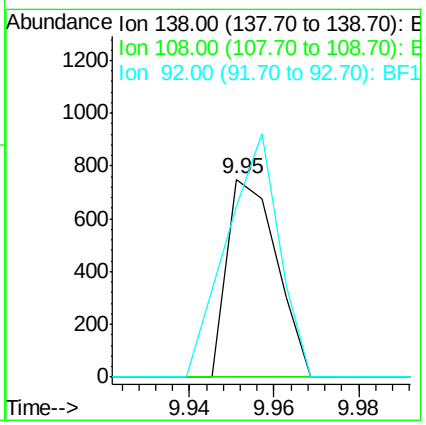


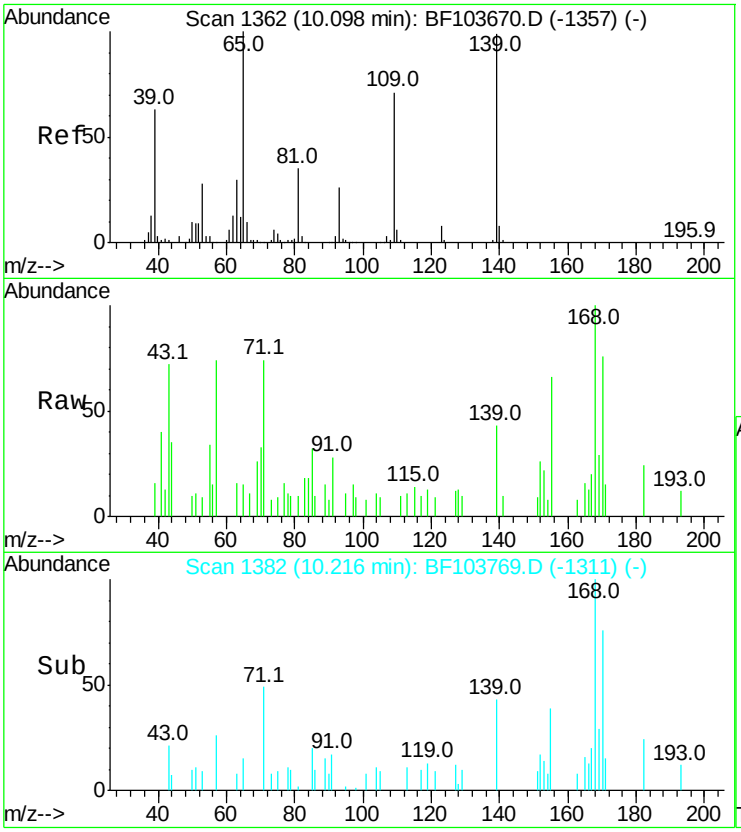


#52
3-Nitroaniline
Concen: 3.925 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:138 Resp: 609

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	86.1	89.4	134.2#



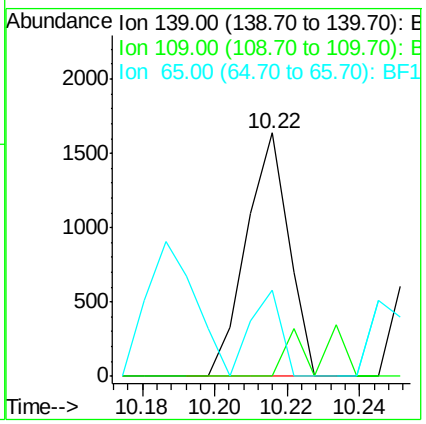


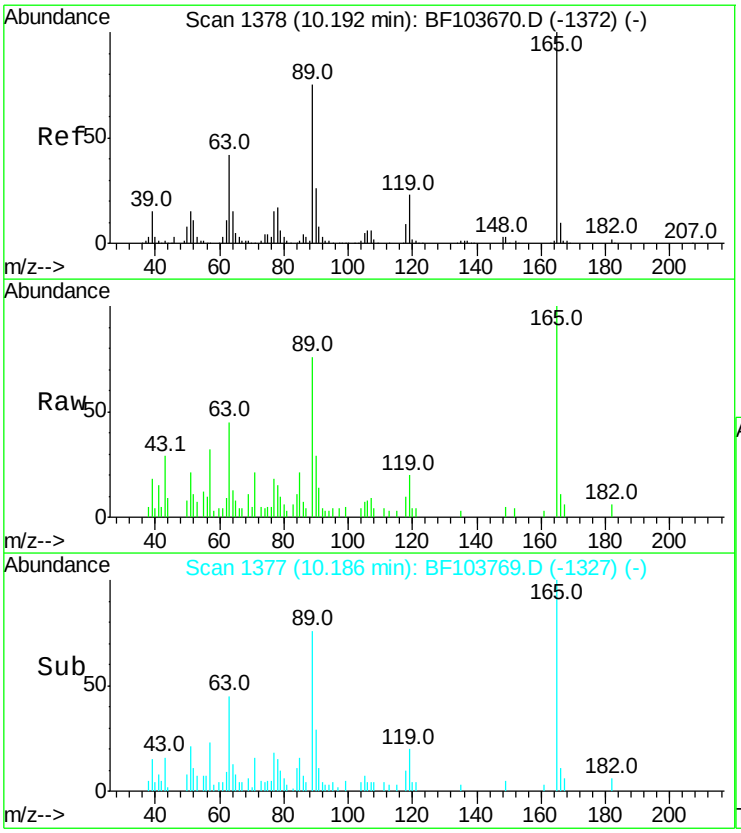
#55
4-Nitrophenol
Concen: 5.282 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 1331

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	35.4	72.6	112.6#

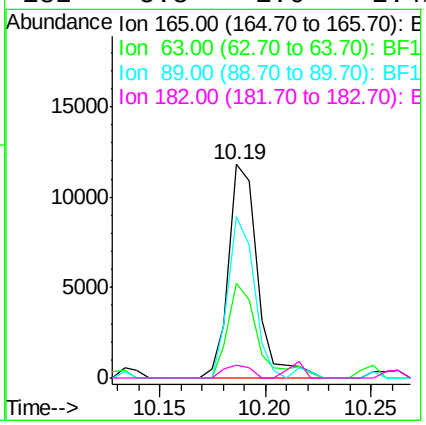


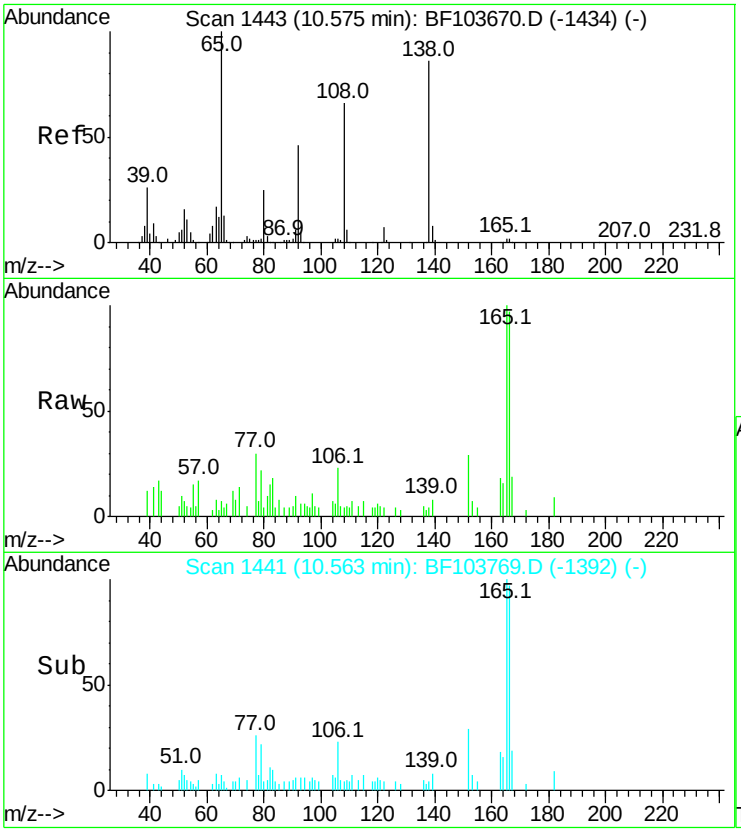


#56
2,4-Dinitrotoluene
Concen: 8.039 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:165 Resp: 11208

Ion	Ratio	Lower	Upper
165	100		
63	44.5	36.4	54.6
89	75.5	57.8	86.6
182	5.8	1.6	2.4#



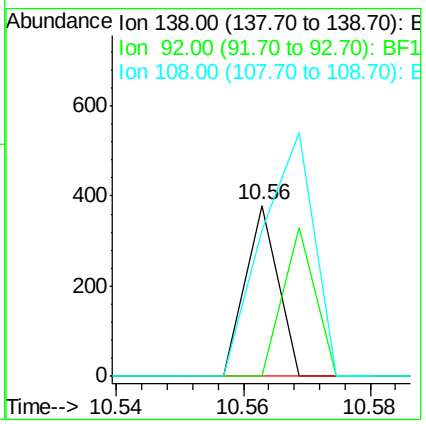


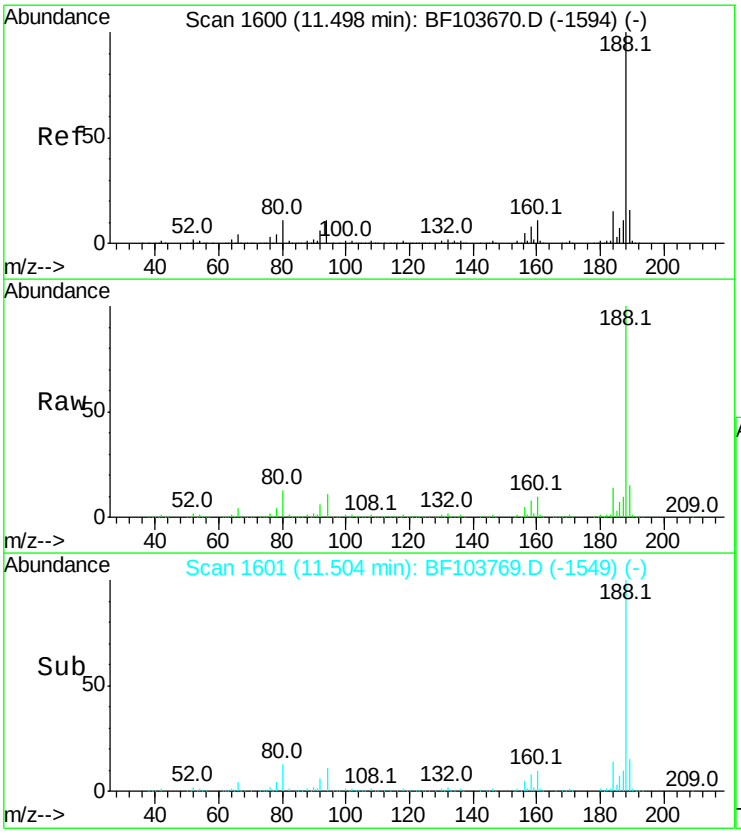
#61
4-Nitroaniline
Concen: 3.775 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 134

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	85.3	52.5	92.5

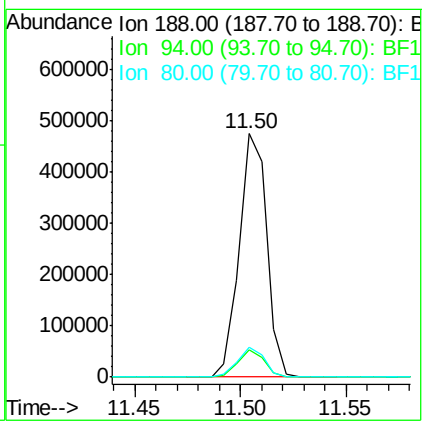


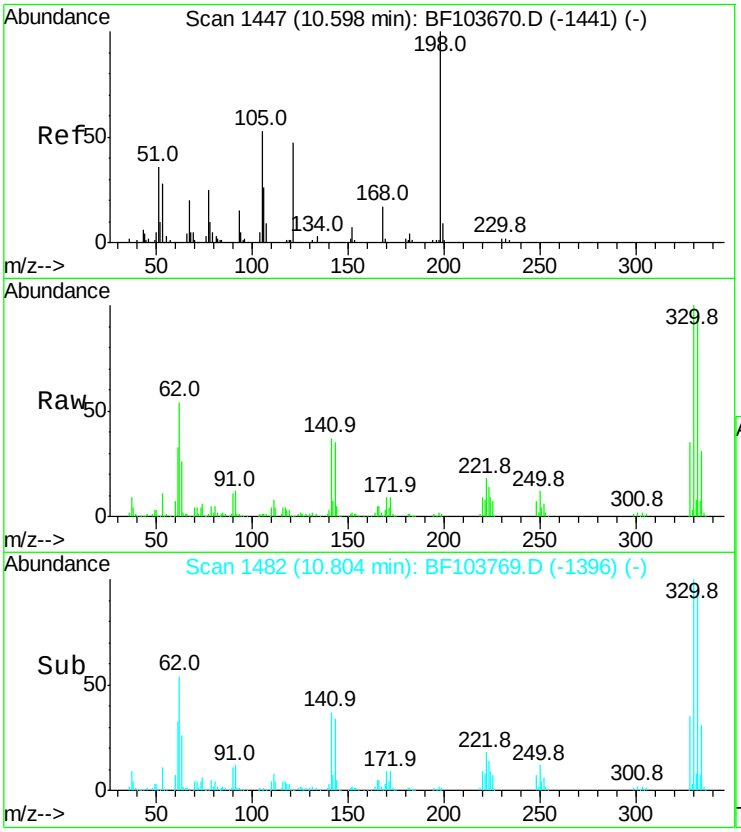


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:188 Resp: 427003

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.5	9.2	13.8



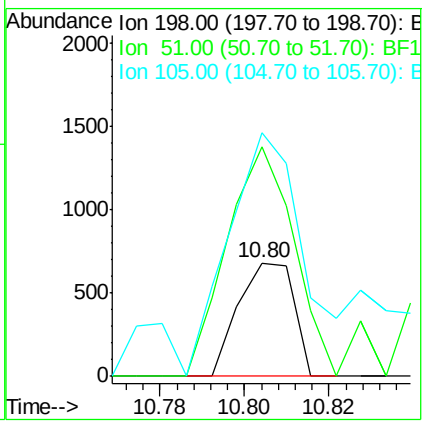


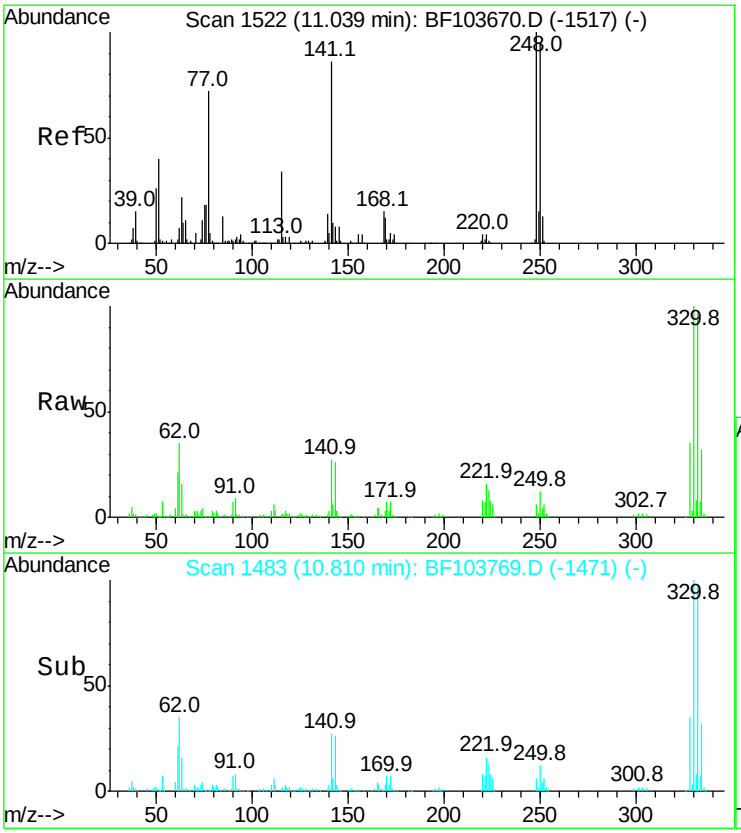
#64
4,6-Dinitro-2-methylphenol
Concen: 8.553 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 622

Ion	Ratio	Lower	Upper
198	100		
51	201.5	37.7	77.7#
105	214.2	36.3	76.3#

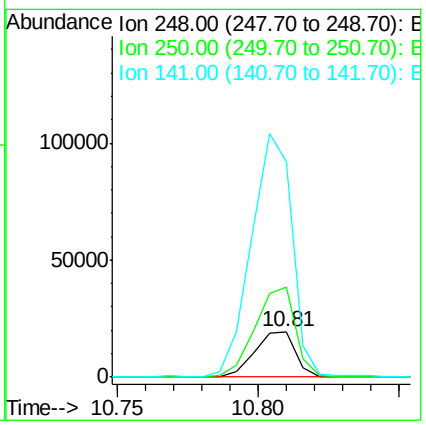


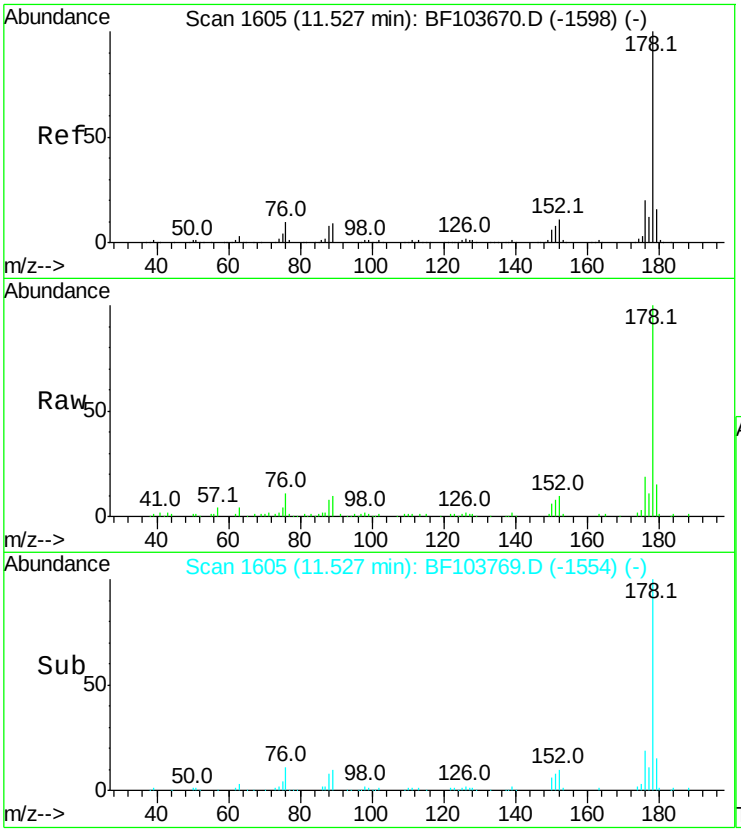


#66
4-Bromophenyl-phenylether
Concen: 4.407 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.23 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:248 Resp: 19321

Ion	Ratio	Lower	Upper
248	100		
250	197.9	76.9	115.3#
141	470.9	74.4	111.6#



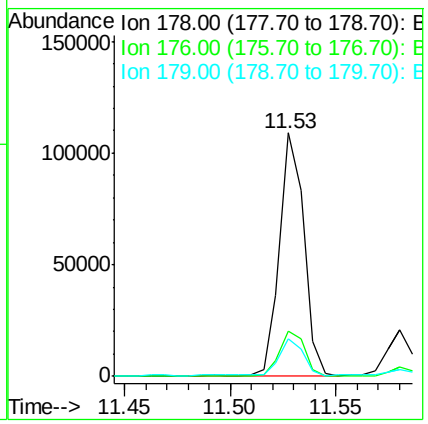


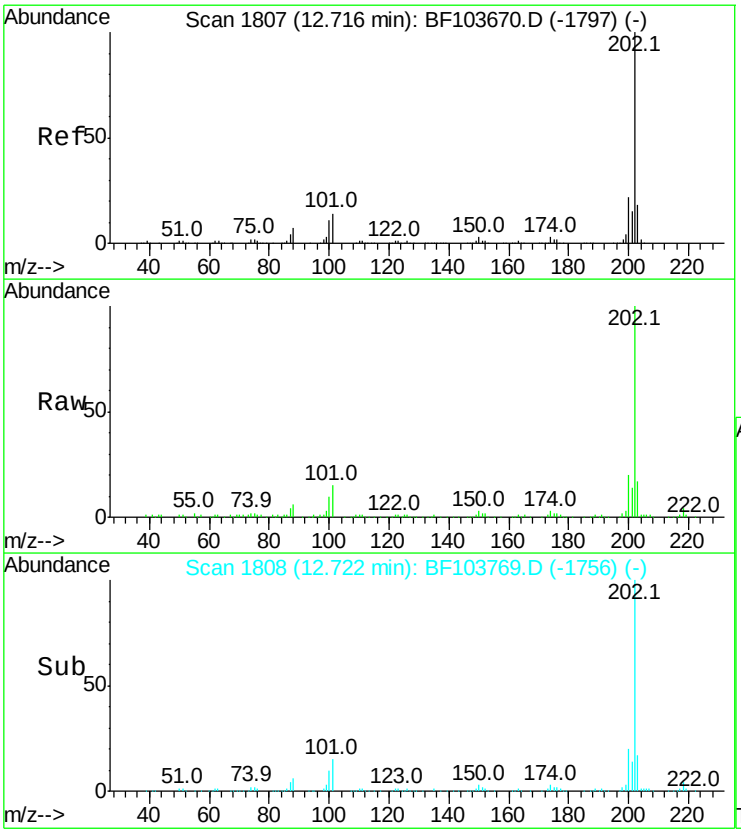
#70
Phenanthrene
Concen: 3.808 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 88944

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.3	13.0	19.6

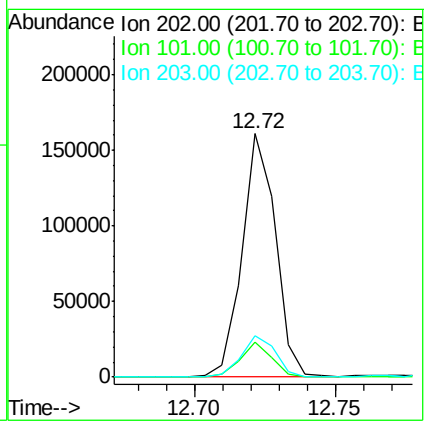


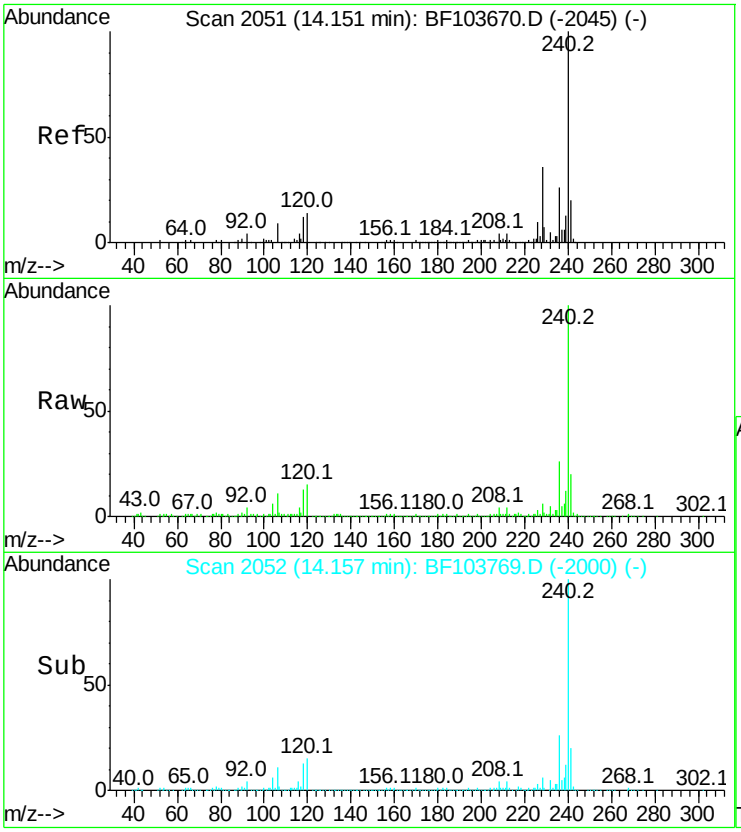


#74
Fluoranthene
Concen: 5.511 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:202 Resp: 132623

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	17.1	0.0	38.1



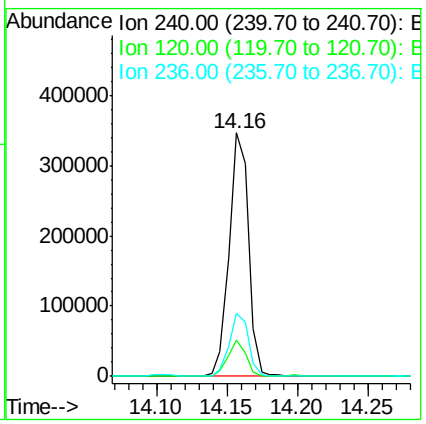


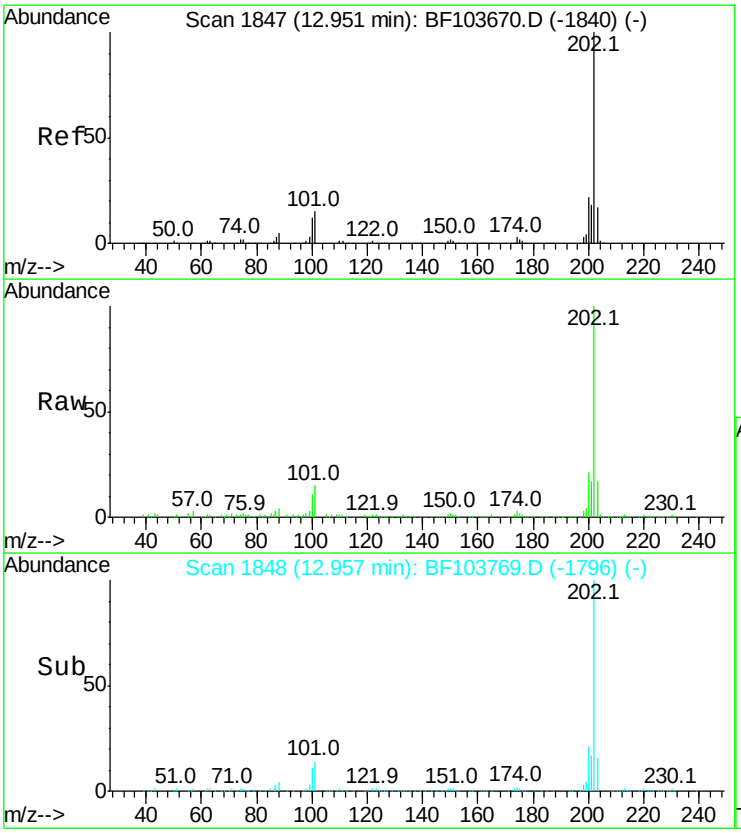
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 332909

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	26.0	20.7	31.1

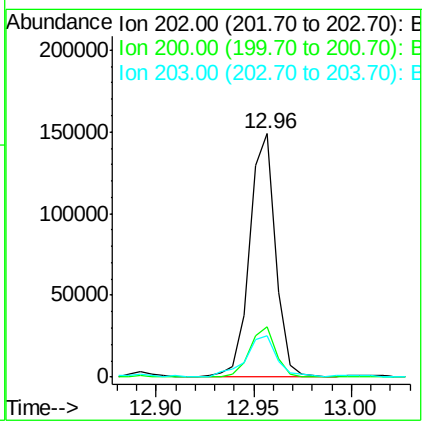


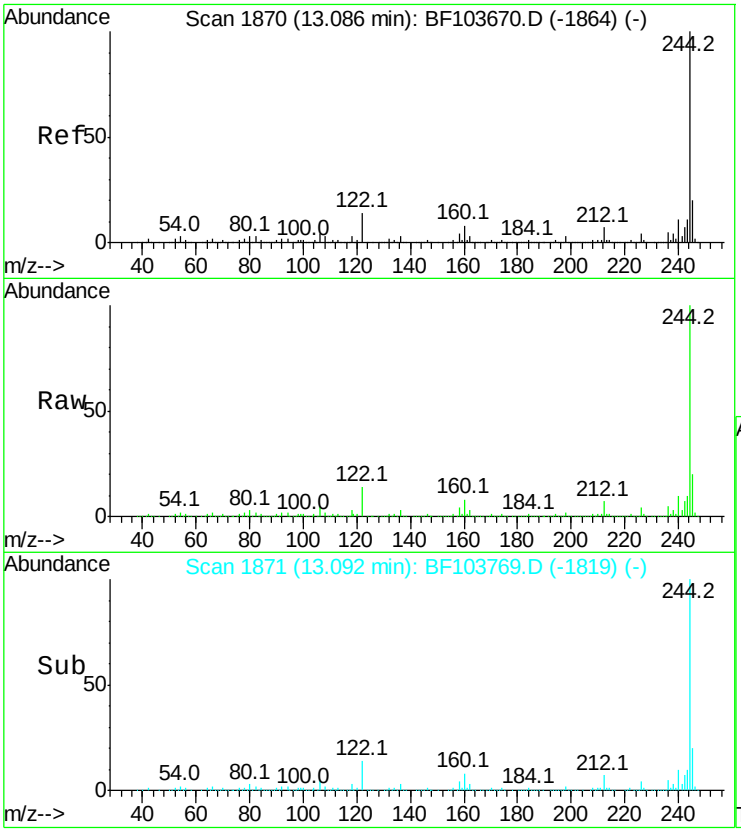


#77
Pyrene
Concen: 5.541 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:202 Resp: 135475

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	16.7	14.3	21.5



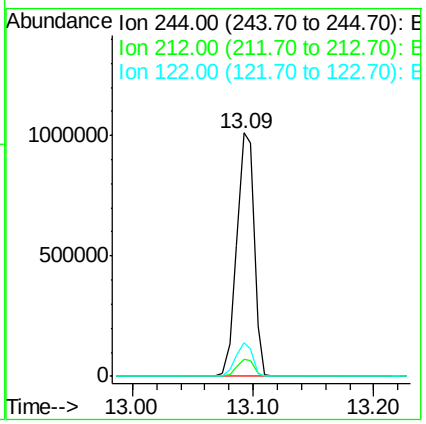


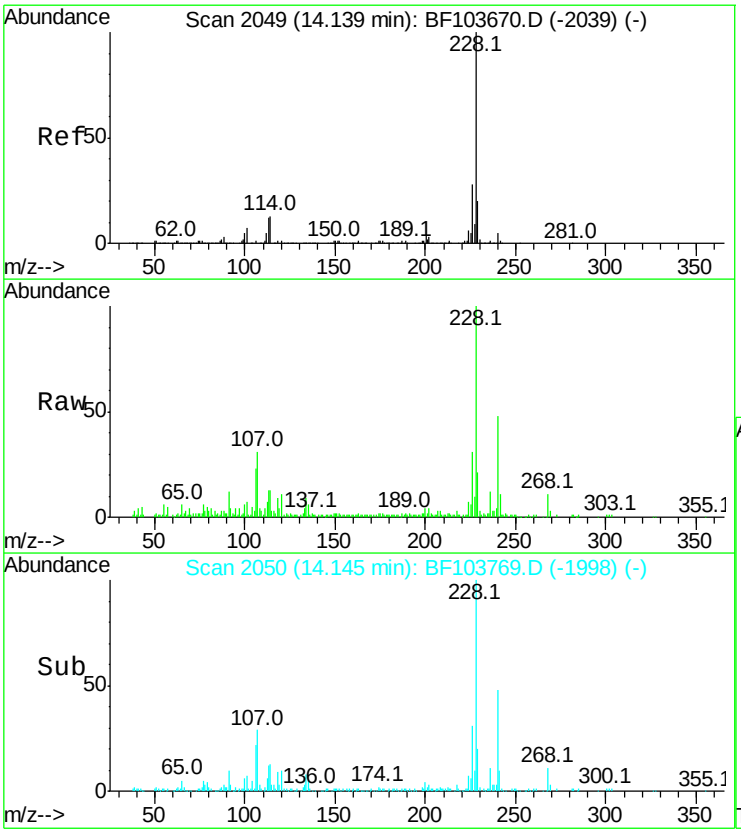
#78
Terphenyl-d14
Concen: 71.402 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1024077

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.9	11.0	16.4

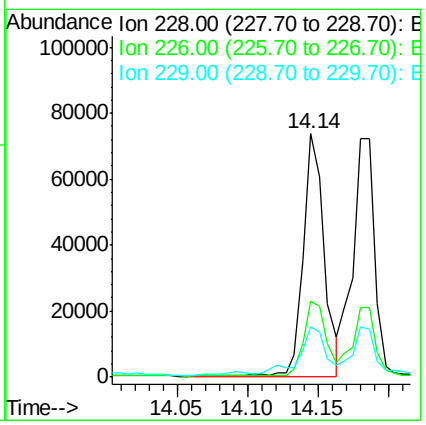


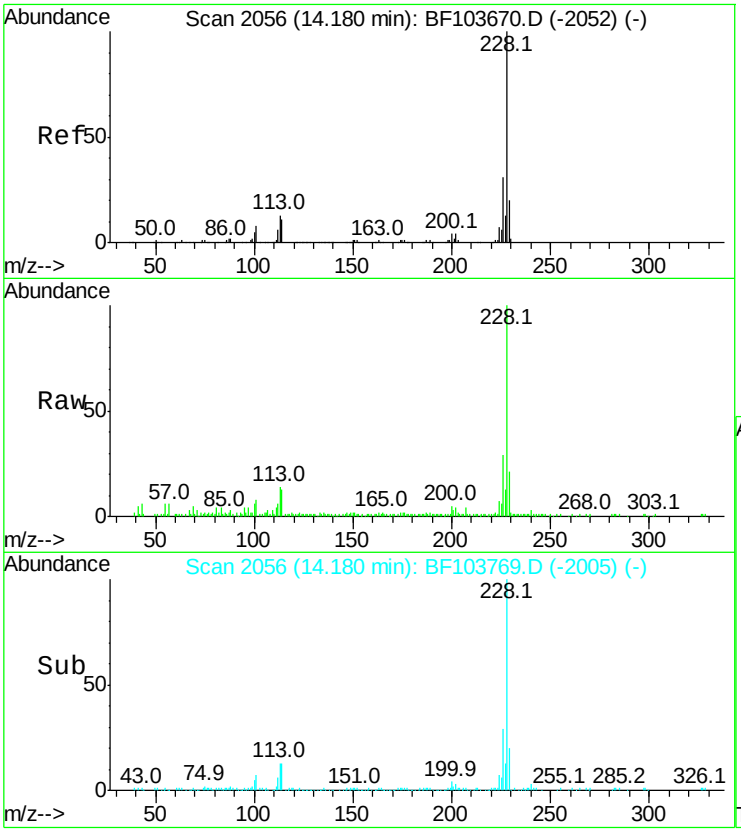


#80
Benzo(a)anthracene
Concen: 3.674 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:228 Resp: 77422

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	20.7	15.8	23.6



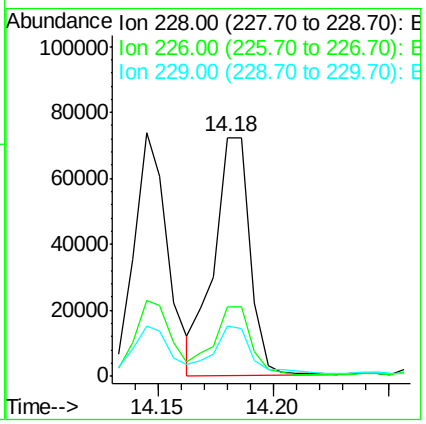


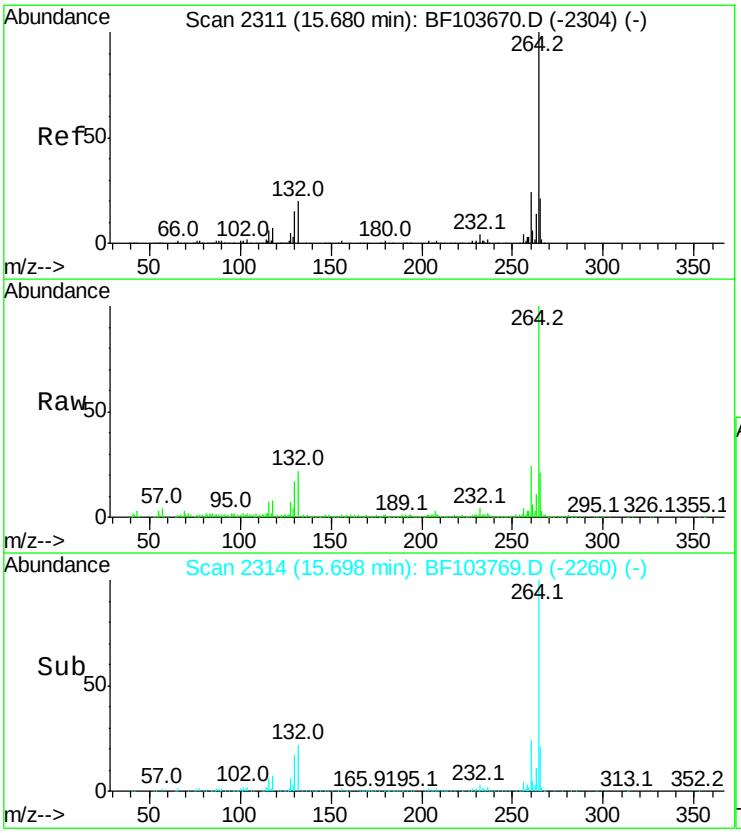
#82
Chrysene
Concen: 3.900 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 78347

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	20.9	16.2	24.4

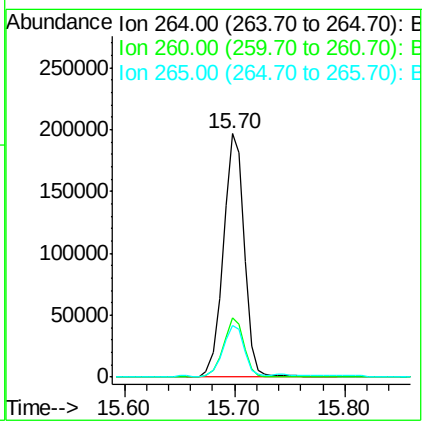


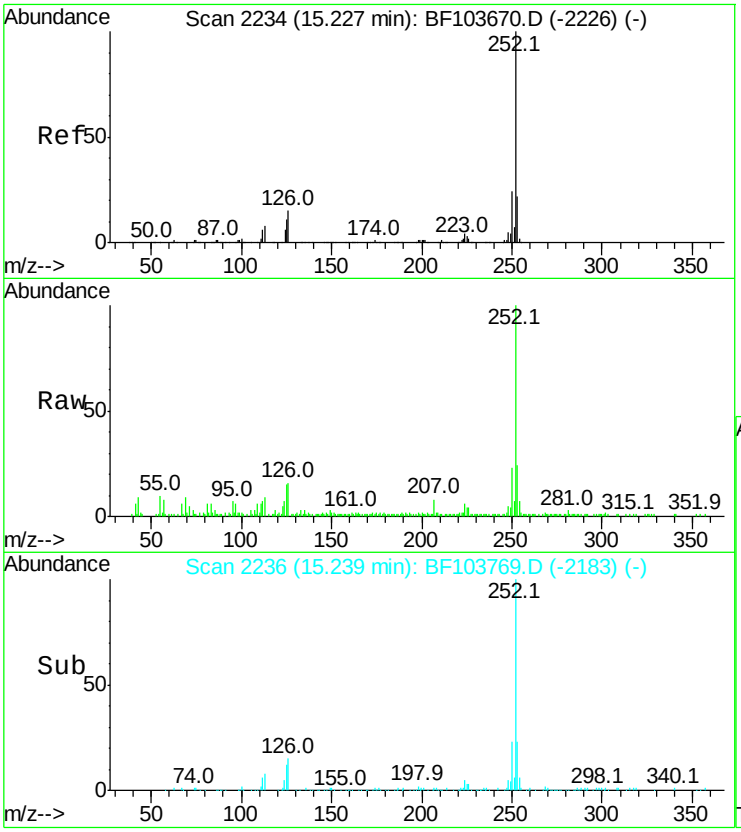


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.02 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:264 Resp: 261466

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.5	26.3



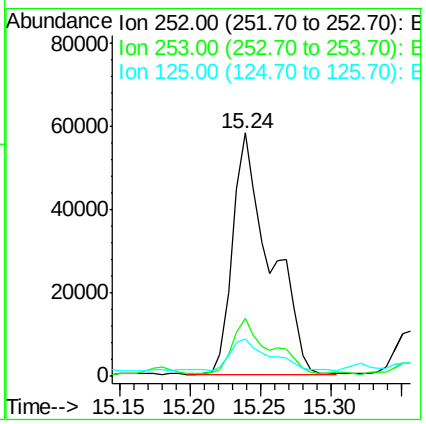


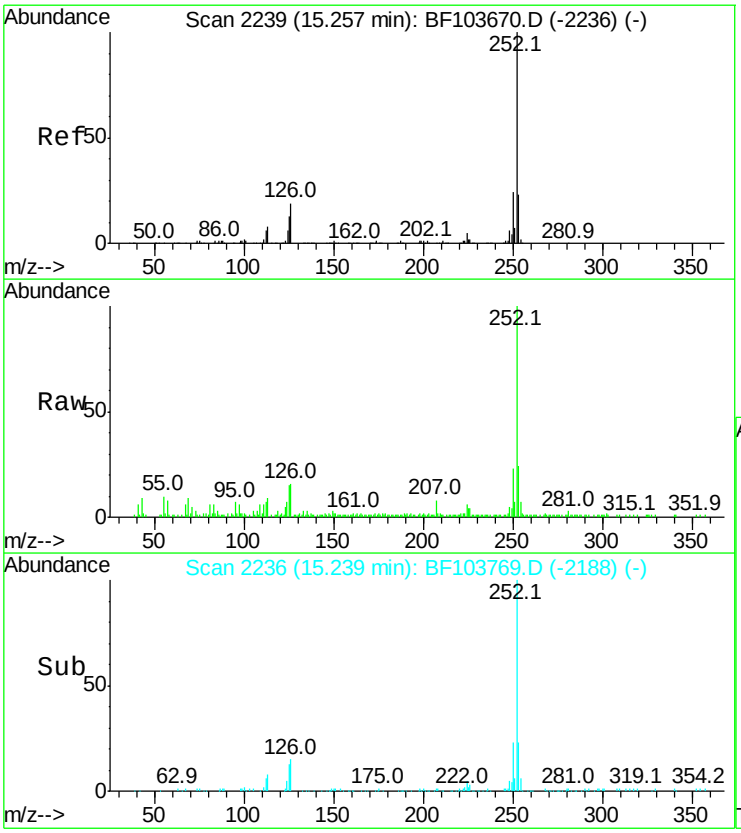
#87
Benzo(b)fluoranthene
Concen: 6.527 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 107815

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	15.2	9.0	13.6#

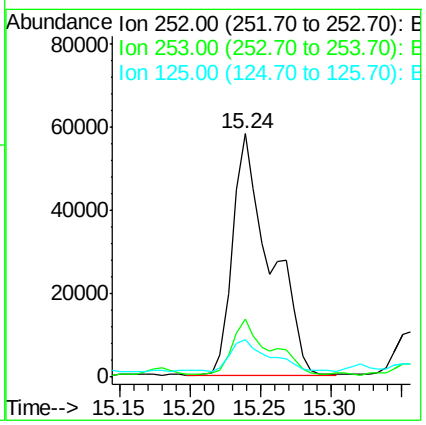


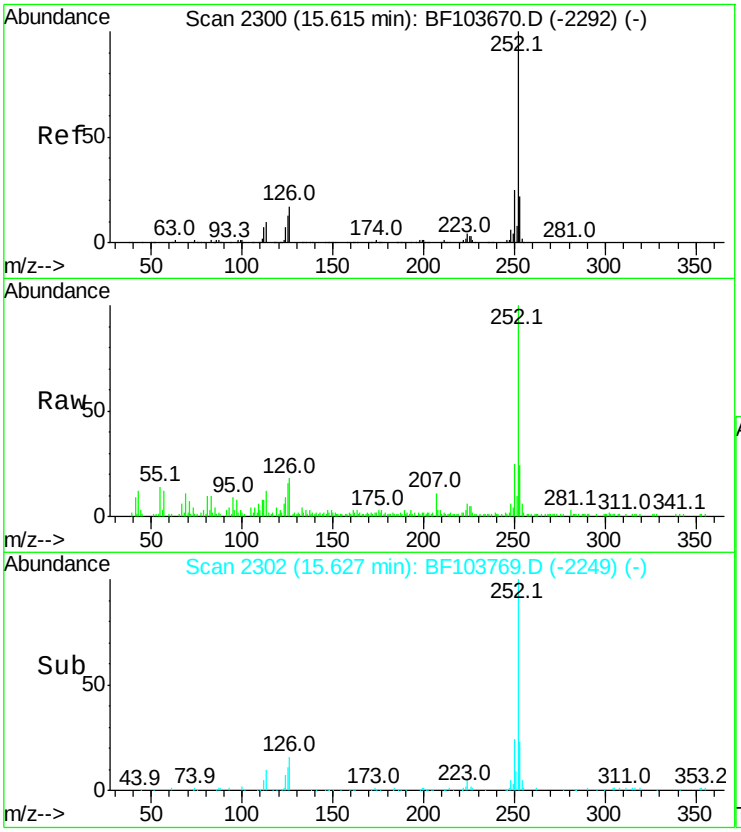


#88
Benzo(k)fluoranthene
Concen: 6.790 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:252 Resp: 107815

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	15.2	10.2	15.2



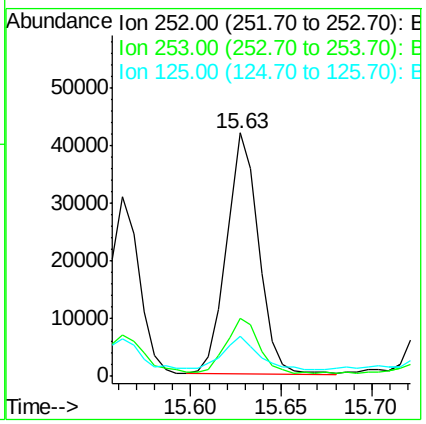


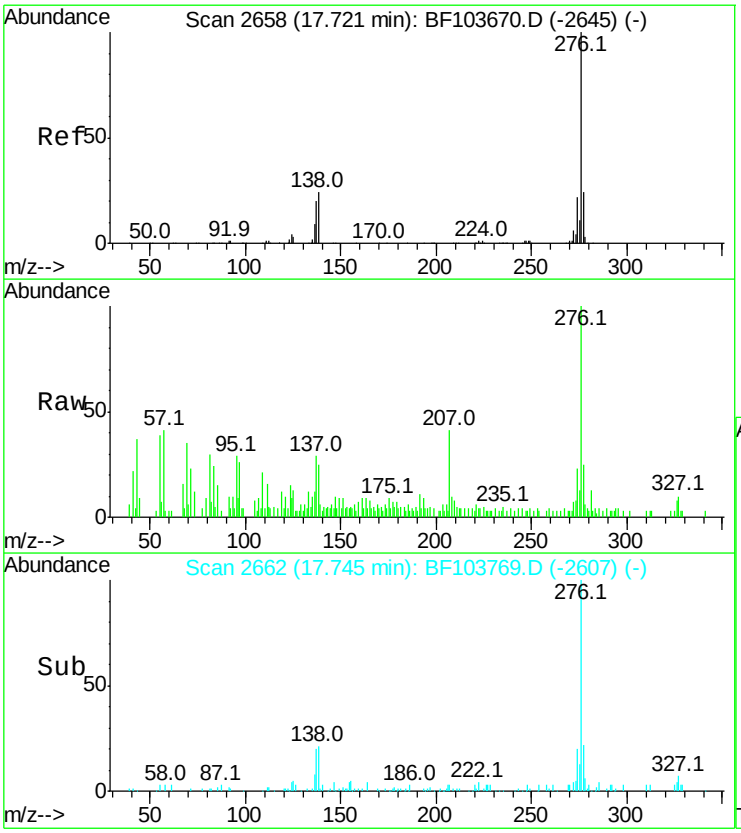
#89
Benzo(a)pyrene
Concen: 3.440 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 51544

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	16.5	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.186 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.02 min
Lab File: BF103769.D
Acq: 19 Mar 2018 21:25

Tgt Ion:276 Resp: 27594

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	25.2	21.8	32.8