Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103706.D
Acq On : 16 Mar 2018 19:46
Operator : JU/SJ
Sample : J1929-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 16 23:00:22 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	164257	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	673677	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	300449	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	469602	20.00	ng		0.00
75) Chrysene-d12	14.15	240	309731	20.00	ng		0.00
86) Perylene-d12	15.69	264	282913	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1055135	97.70	ng		0.01
7) Phenol-d6	6.59	99	1297414	98.20	ng		0.00
23) Nitrobenzene-d5	7.53	82	777164	80.45	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	249251	96.49	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1176397	62.46	ng		0.00
78) Terphenyl-d14	13.09	244	838866	62.87	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	23536	2.712	ng		83
10) Phenol	6.60	94	33874	2.413	ng		98
19) n-Nitroso-di-n-propylamine	7.53	70	103475	12.221	ng	#	76
25) Isophorone	7.53	82	777143	34.751	ng	#	64
47) 2-Nitroaniline	9.71	65	1240	7.019	ng	#	1
49) Dimethylphthalate	9.72	163	98268	4.287	ng		99
50) 2,6-Dinitrotoluene	10.01	165	37831	11.807	ng	#	25
55) 4-Nitrophenol	10.22	139	824	5.154	ng	#	33
56) 2,4-Dinitrotoluene	10.01	165	37831	12.076	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	472	8.418	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	15504	3.216	ng	#	1

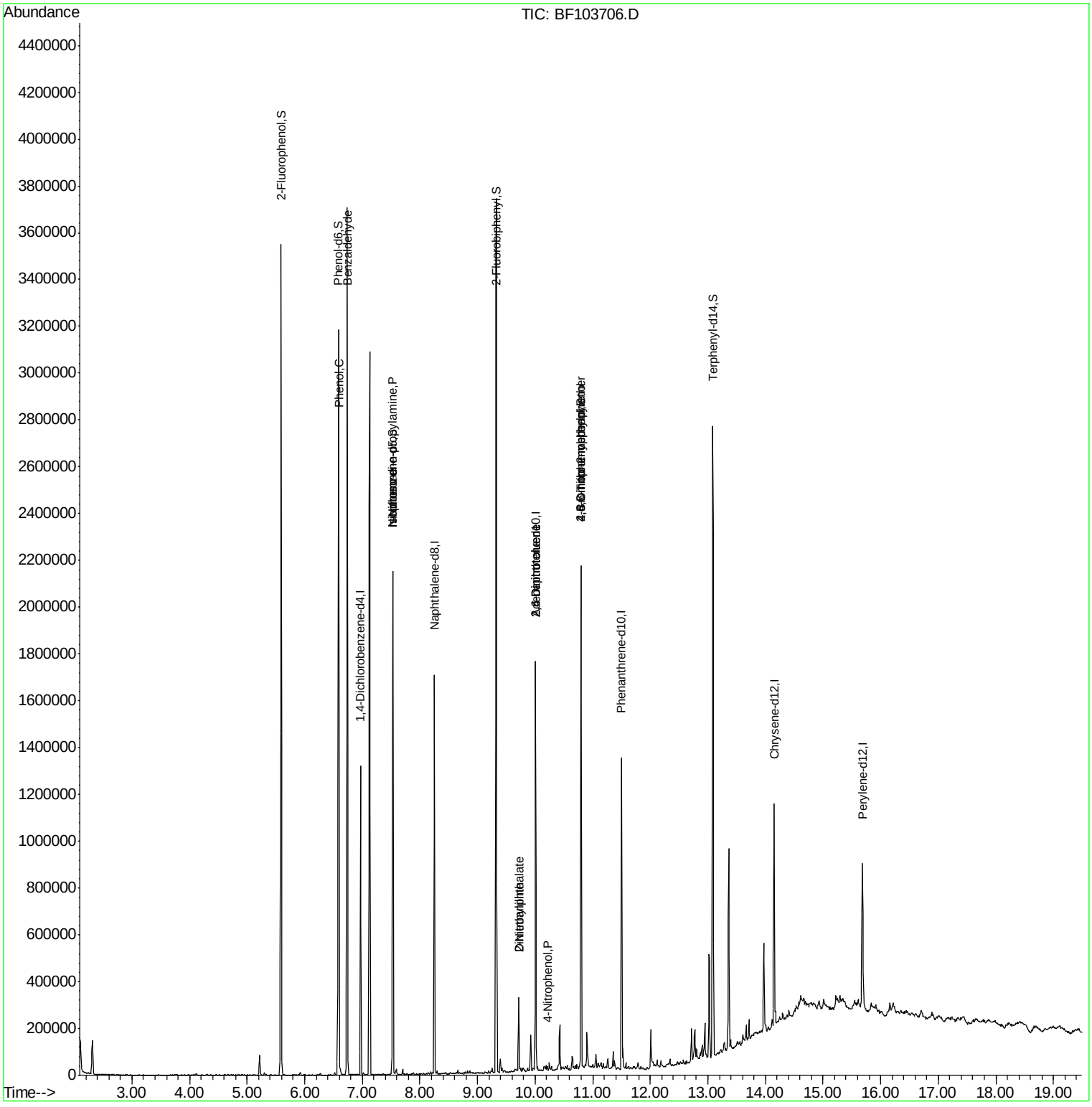
(#) = qualifier out of range (m) = manual integration (+) = signals summed

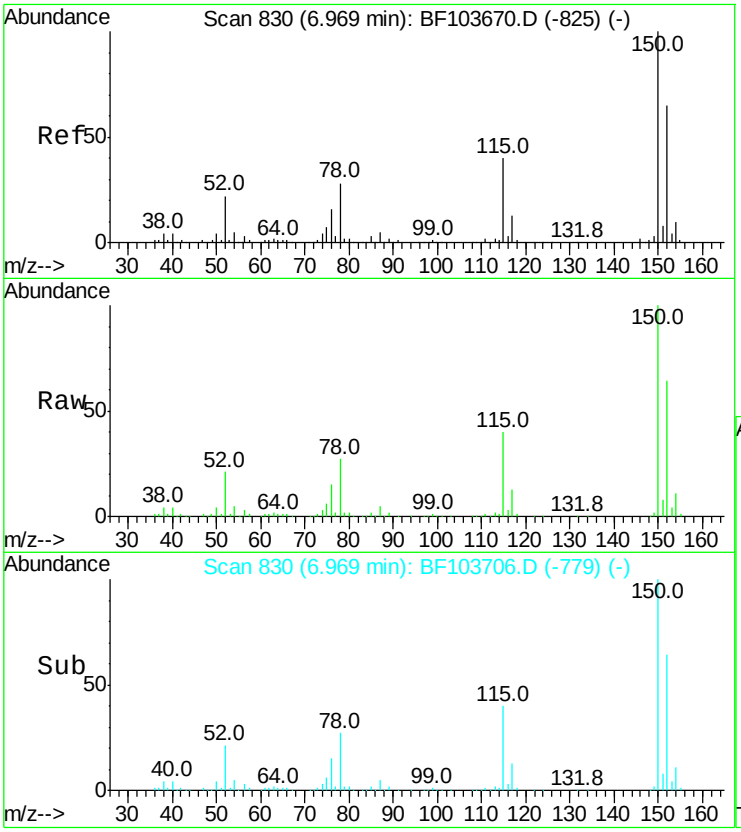
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103706.D
Acq On : 16 Mar 2018 19:46
Operator : JU/SJ
Sample : J1929-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 16 23:00:22 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



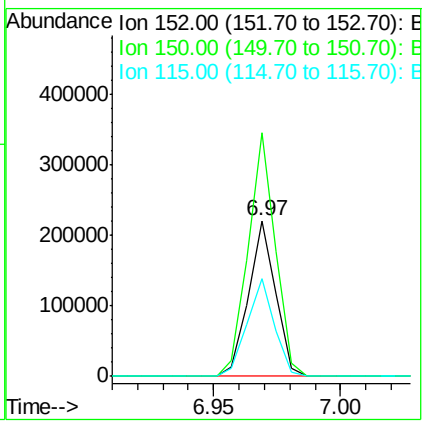


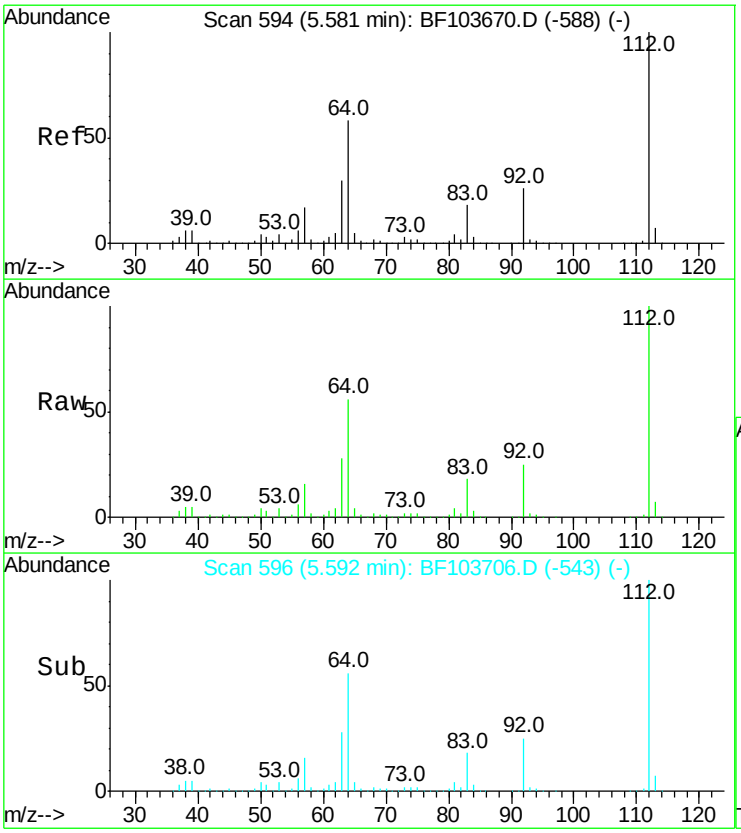
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 164257

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	63.1	50.1	75.1

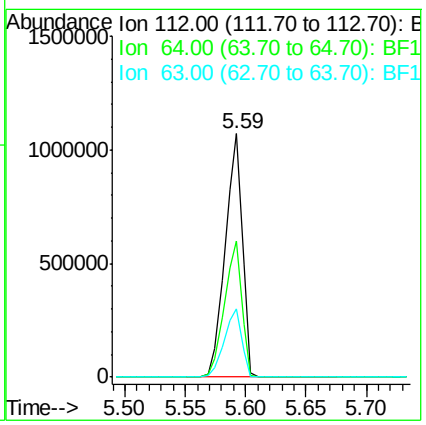


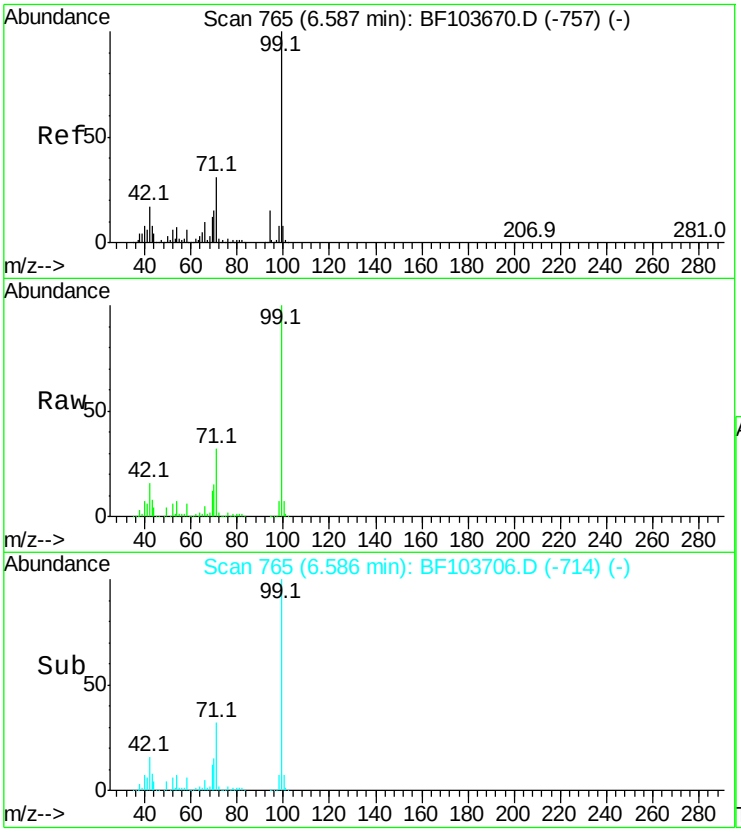


#5
2-Fluorophenol
Concen: 97.704 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Tgt Ion:112 Resp: 1055135

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	28.3	23.7	35.5



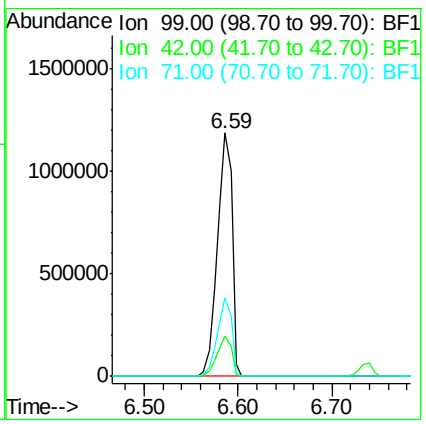


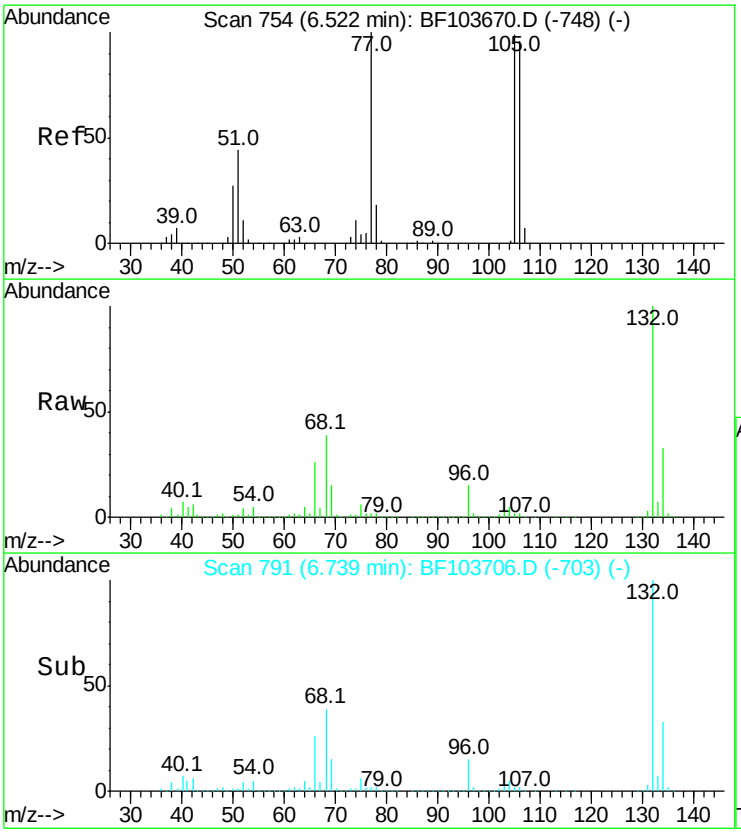
#7
Phenol-d6
Concen: 98.198 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1297414

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	32.3	25.4	38.0

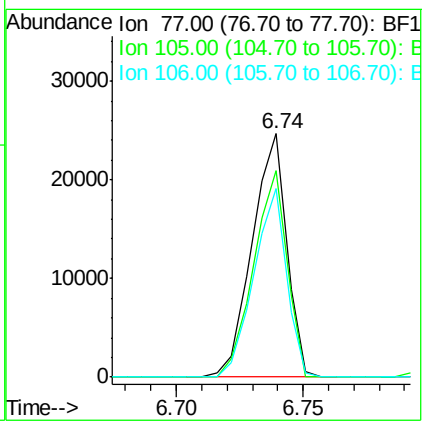


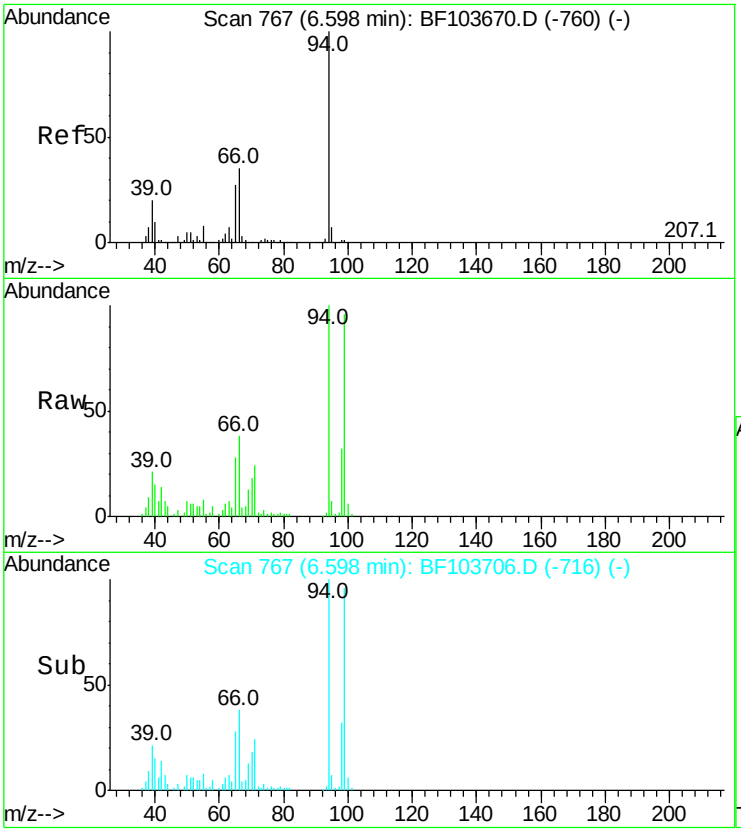


#9
Benzaldehyde
Concen: 2.712 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.22 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Tgt Ion: 77 Resp: 23536

Ion	Ratio	Lower	Upper
77	100		
105	85.1	81.1	121.1
106	77.4	74.5	114.5



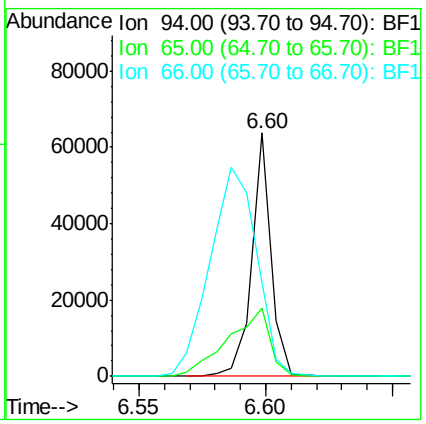


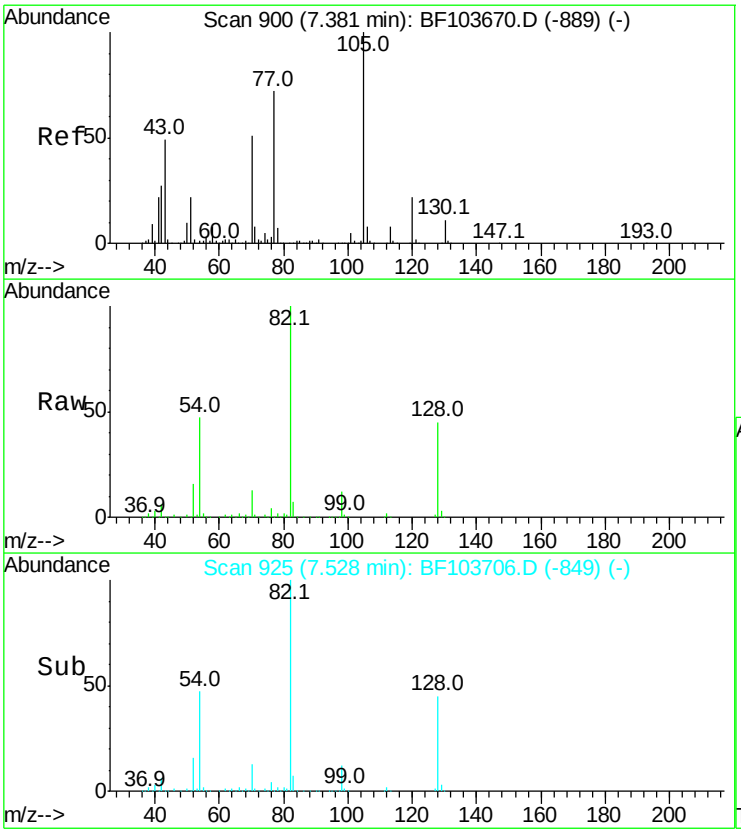
#10
Phenol
Concen: 2.413 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 33874

Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.9	47.9
66	38.3	16.2	56.2

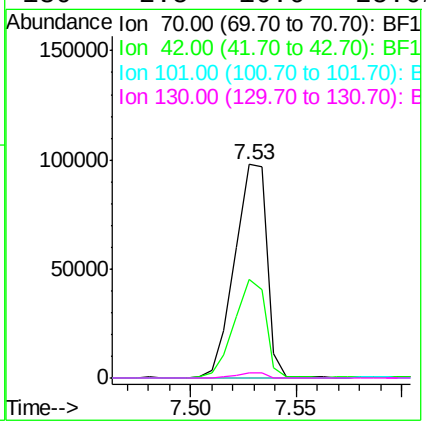


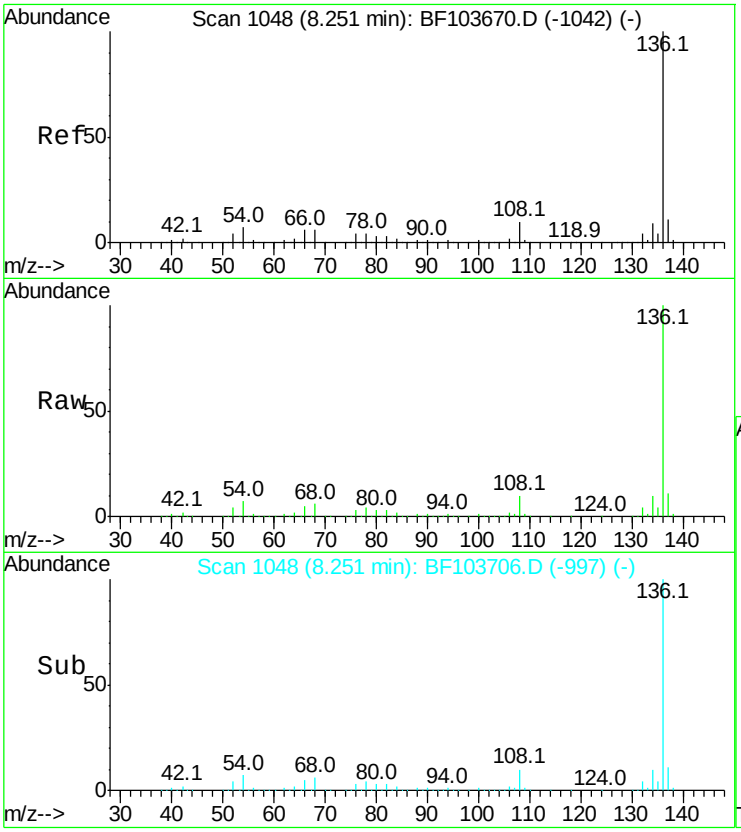


#19
n-Nitroso-di-n-propylamine
Concen: 12.221 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Tgt Ion: 70 Resp: 103475

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



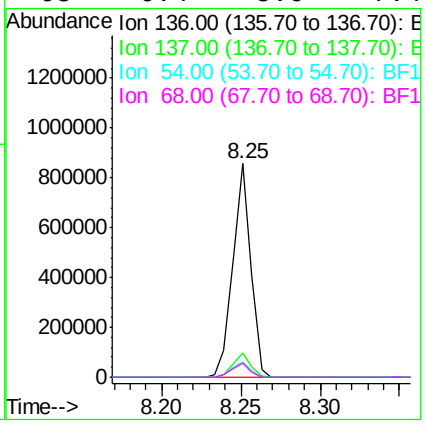


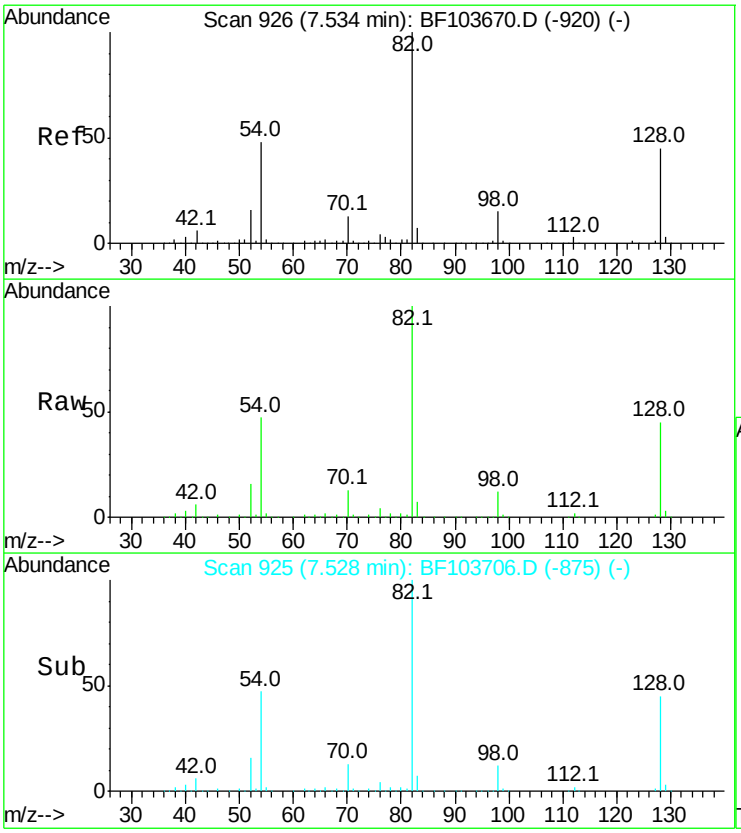
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 673677

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.4	5.0	7.4

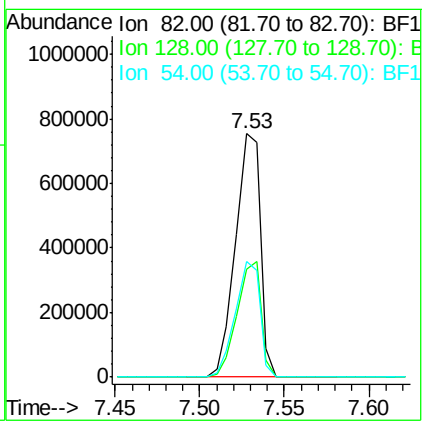


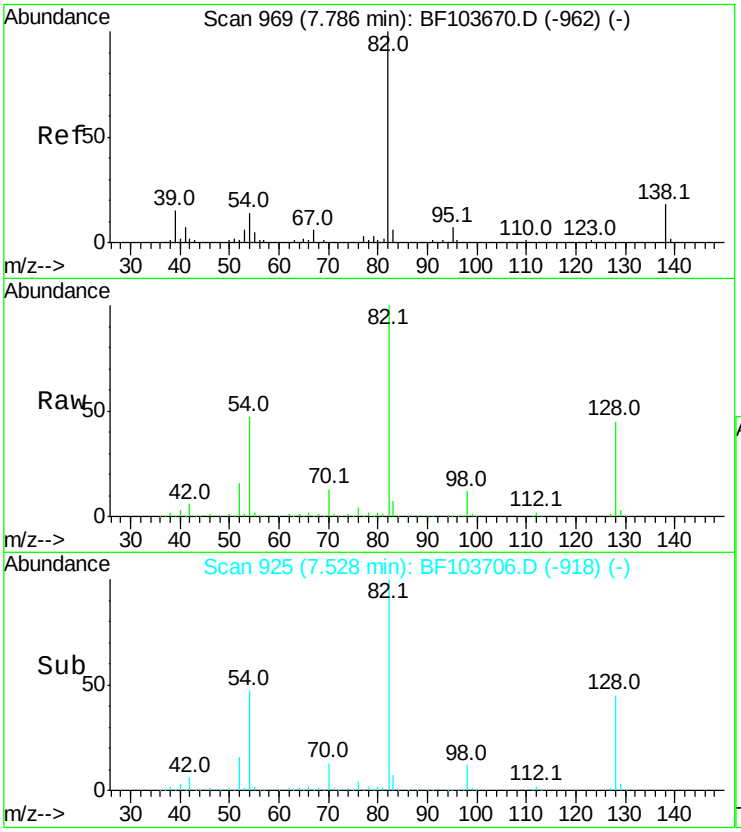


#23
Nitrobenzene-d5
Concen: 80.448 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Tgt Ion: 82 Resp: 777164

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	47.3	41.4	62.2



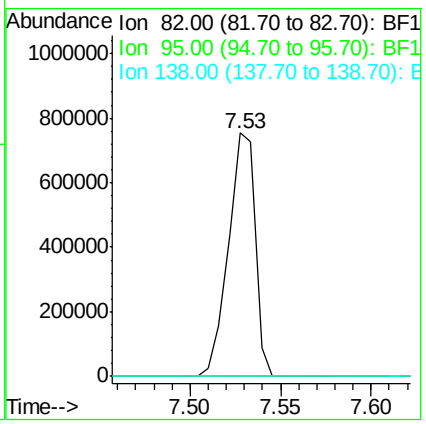


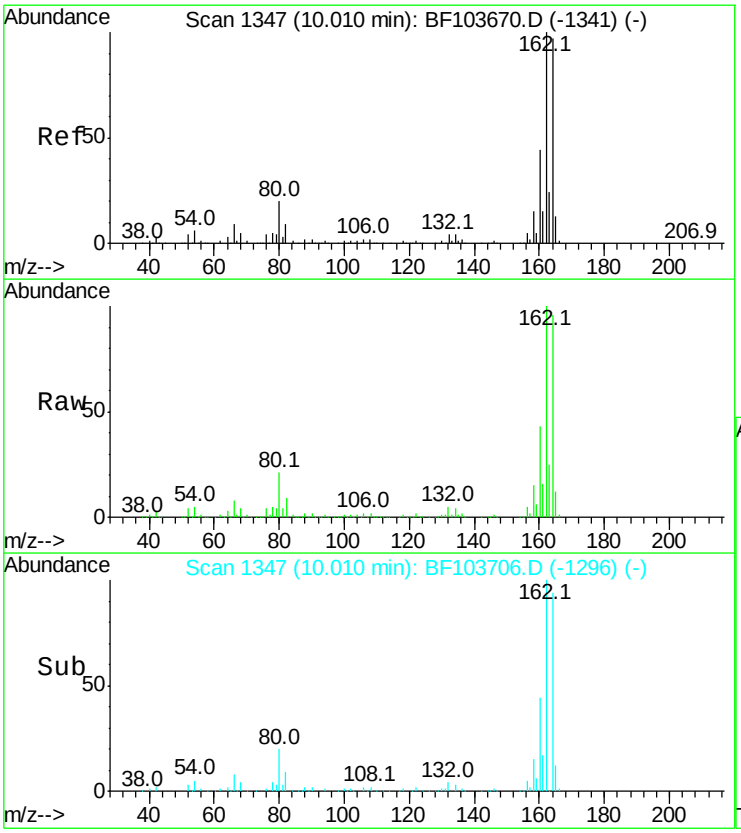
#25
Isophorone
Concen: 34.751 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 777143

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

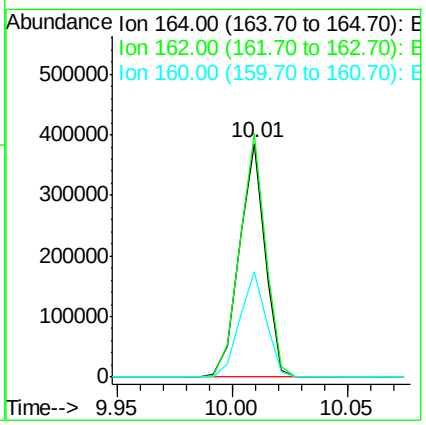


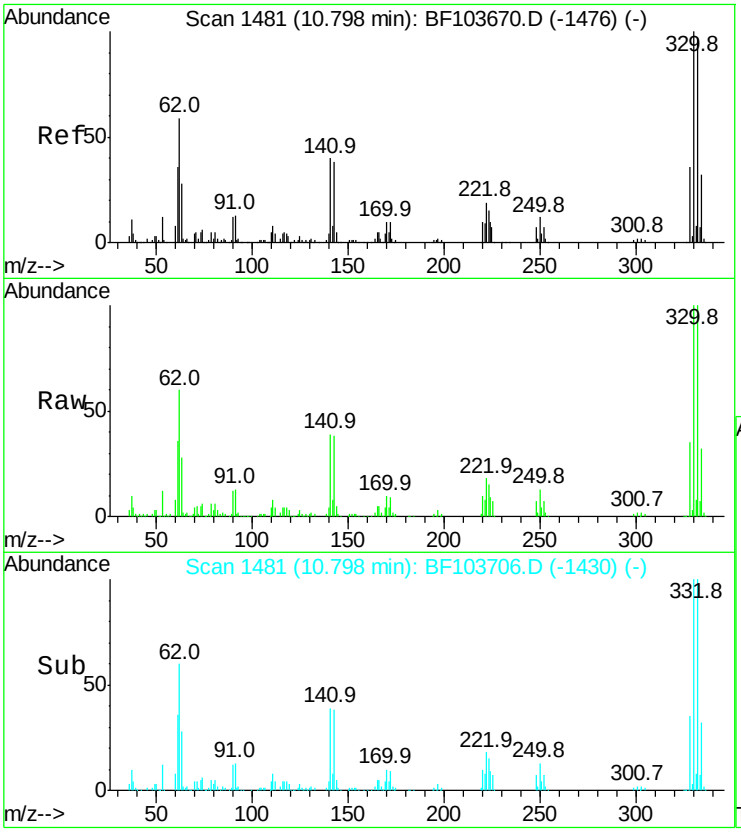


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Tgt Ion:164 Resp: 300449

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	45.2	38.3	57.5



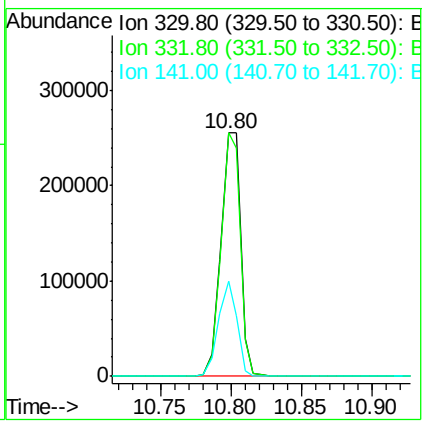


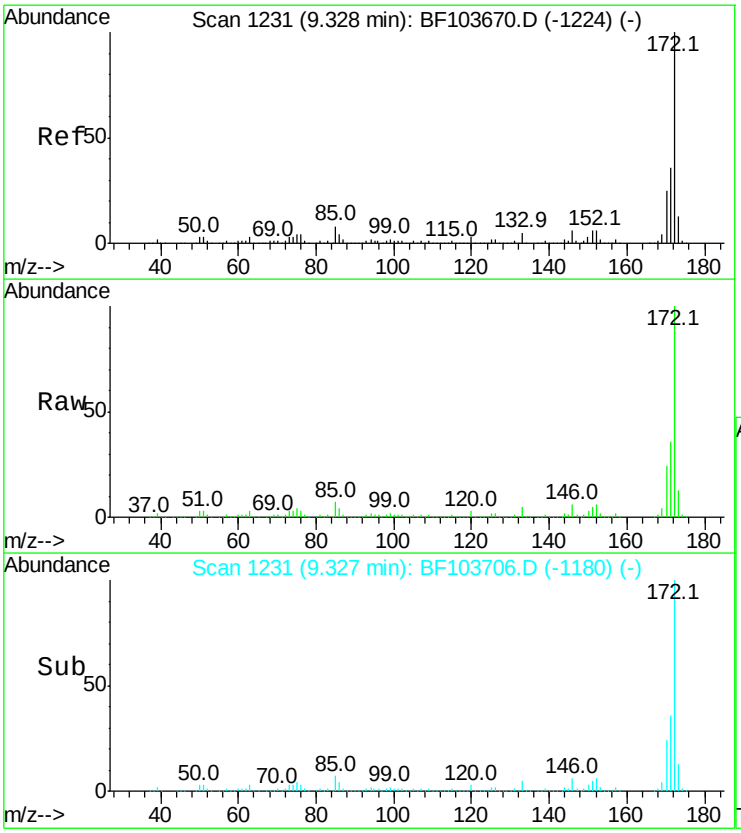
#41
2,4,6-Tribromophenol
Concen: 96.486 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 249251

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	37.1	29.9	44.9

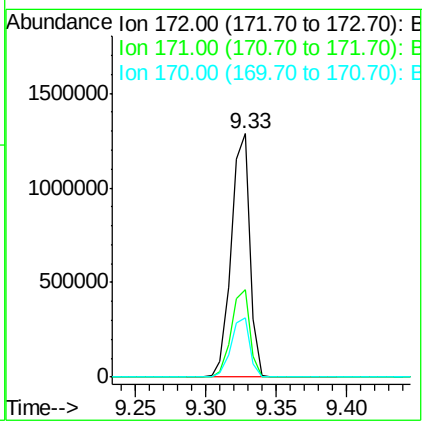


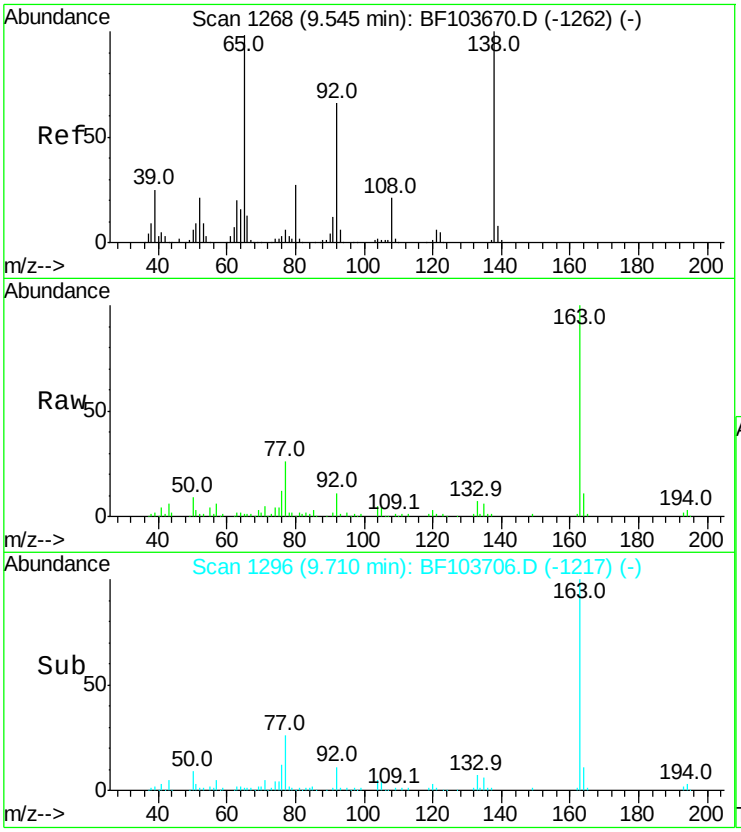


#44
2-Fluorobiphenyl
Concen: 62.457 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Tgt Ion:172 Resp: 1176397

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4



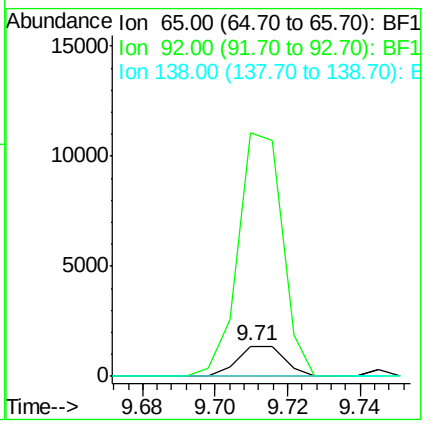


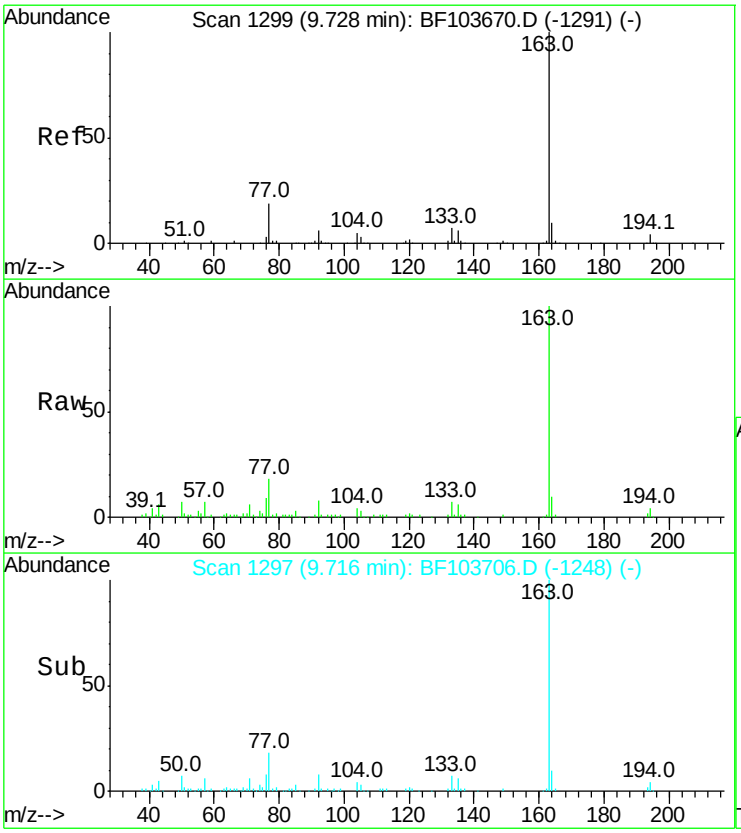
#47
2-Nitroaniline
Concen: 7.019 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.16 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1240

Ion	Ratio	Lower	Upper
65	100		
92	814.3	55.8	83.6#
138	0.0	91.2	136.8#

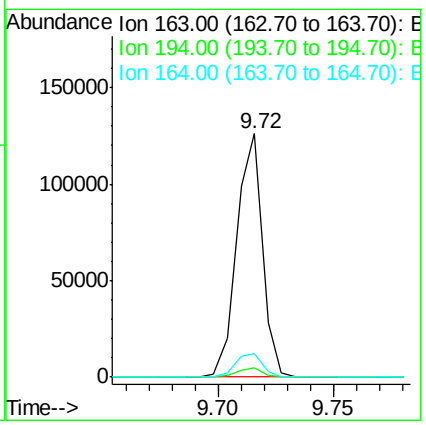


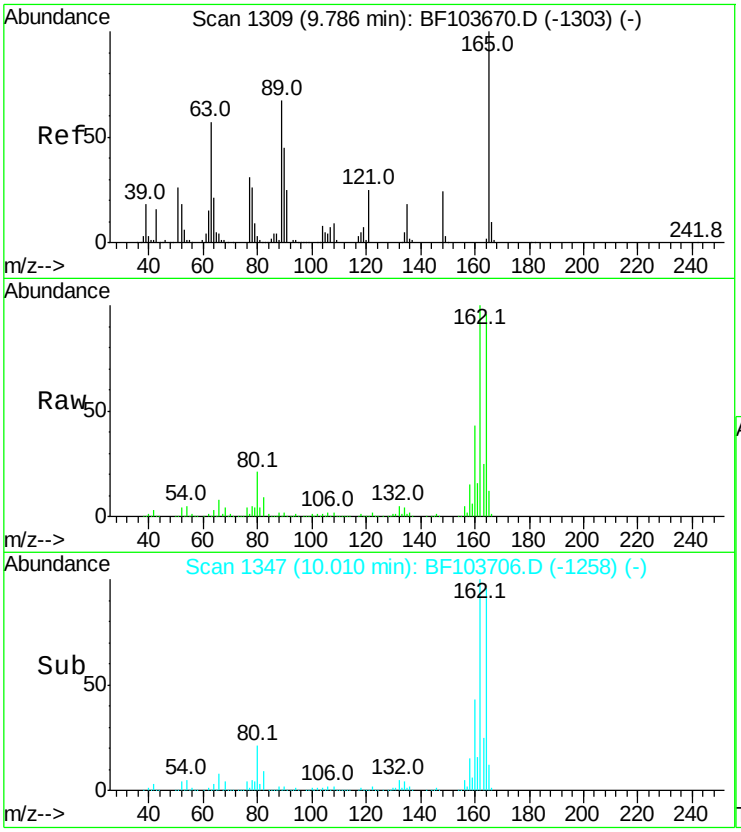


#49
Dimethylphthalate
Concen: 4.287 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Tgt Ion:163 Resp: 98268

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.8	8.2	12.2



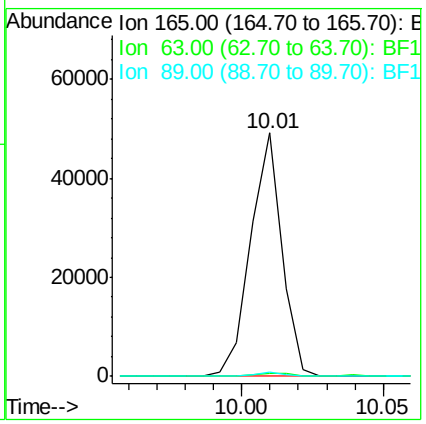


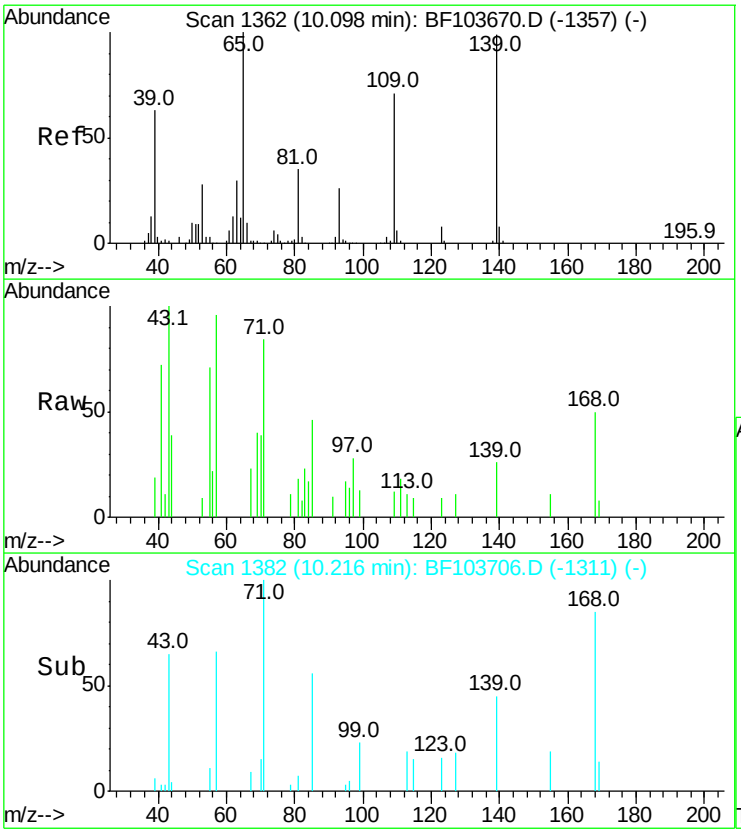
#50
2,6-Dinitrotoluene
Concen: 11.807 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37831

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.5	44.0	66.0#

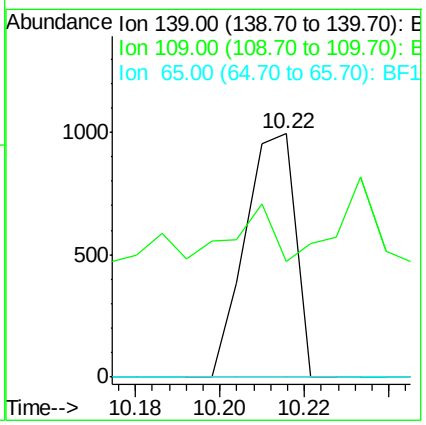


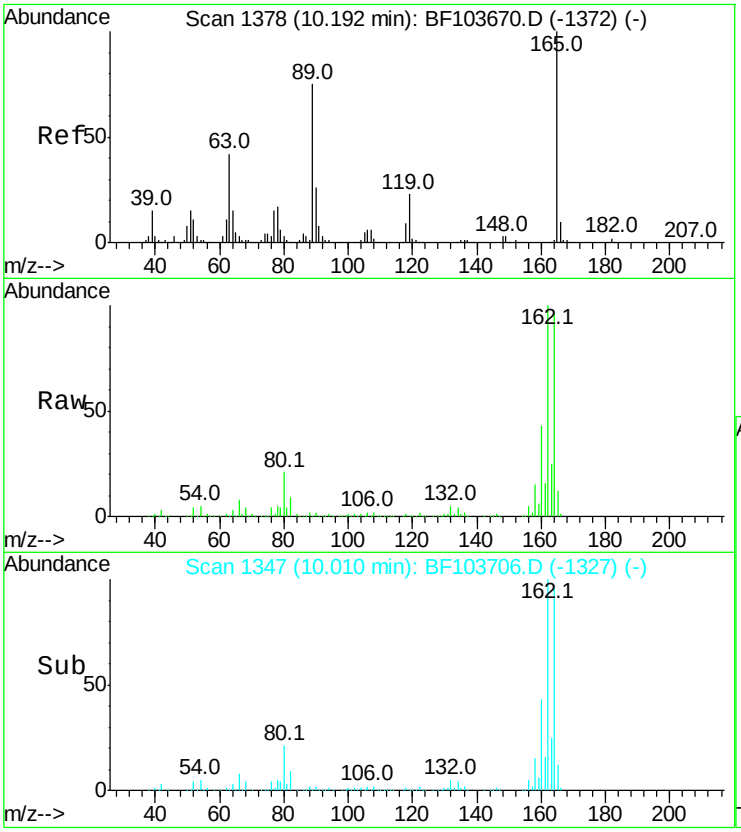


#55
4-Nitrophenol
Concen: 5.154 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Tgt Ion:139 Resp: 824

Ion	Ratio	Lower	Upper
139	100		
109	47.3	48.4	88.4#
65	0.0	72.6	112.6#



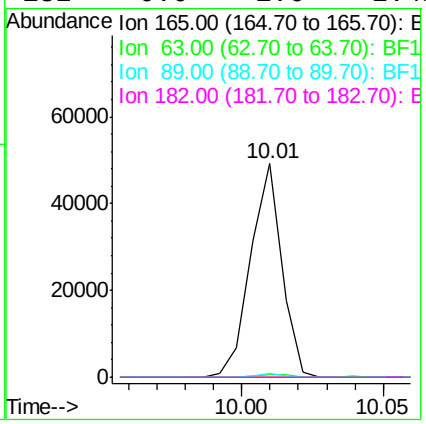


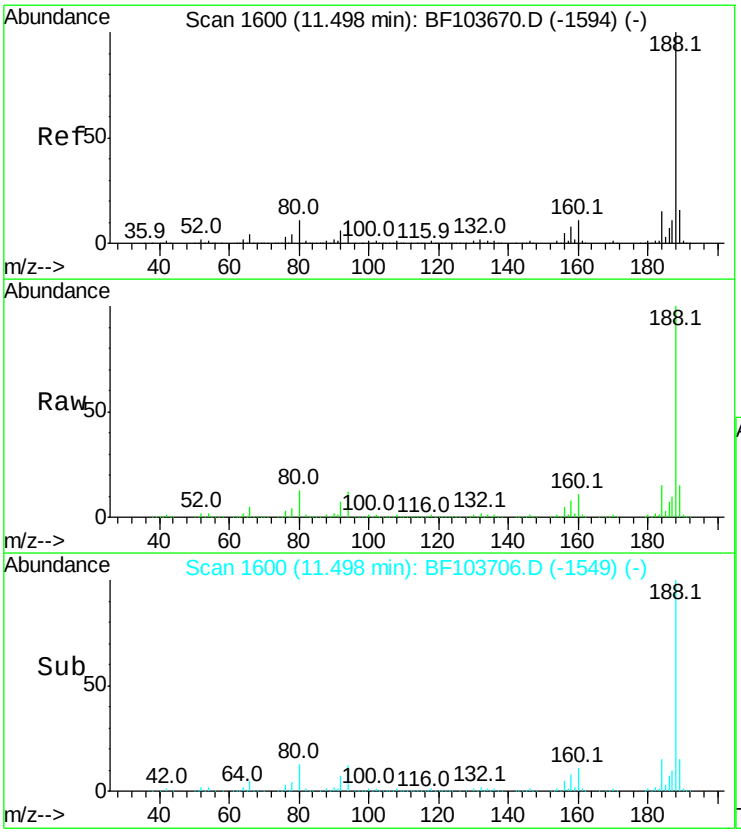
#56
2,4-Dinitrotoluene
Concen: 12.076 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37831

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

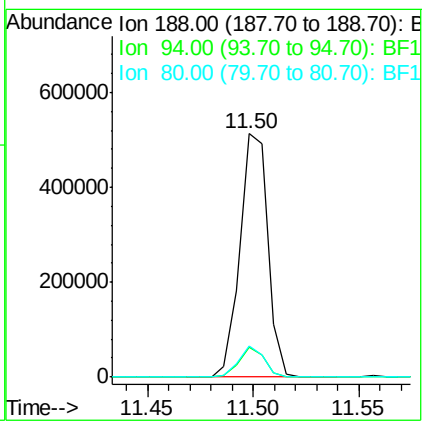


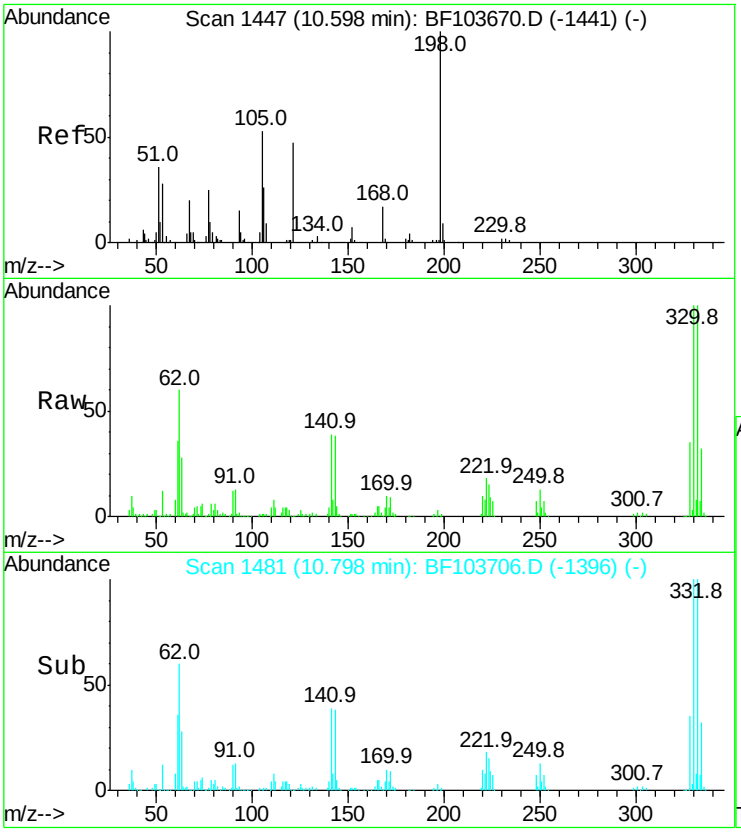


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Tgt Ion:188 Resp: 469602

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	12.6	9.2	13.8



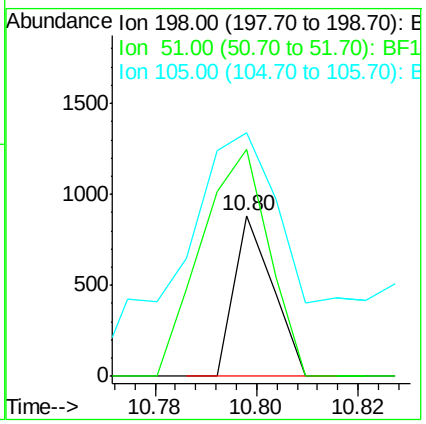


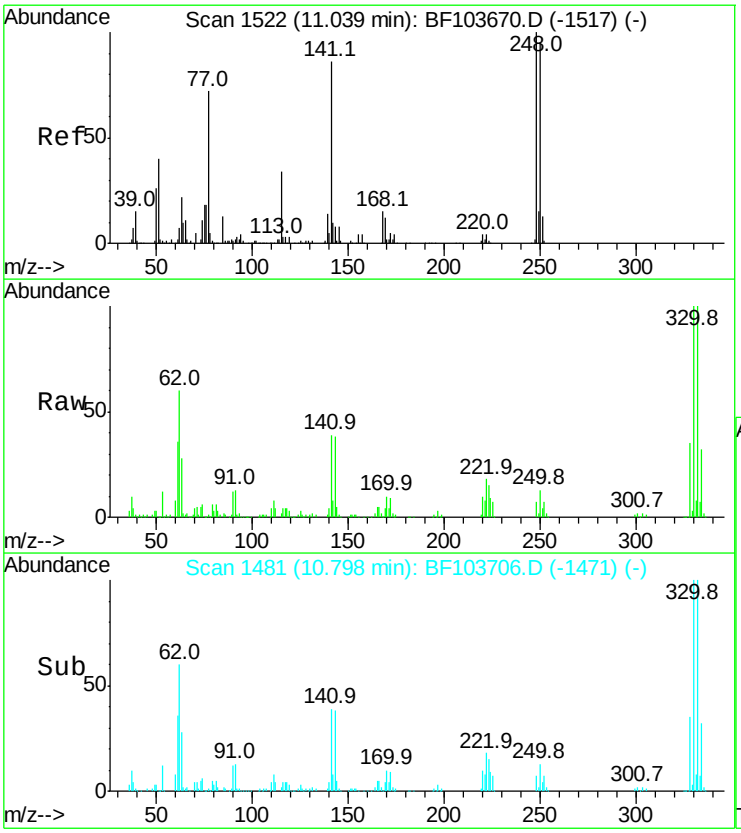
#64
4,6-Dinitro-2-methylphenol
Concen: 8.418 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.20 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 472

Ion	Ratio	Lower	Upper
198	100		
51	140.9	37.7	77.7#
105	151.2	36.3	76.3#

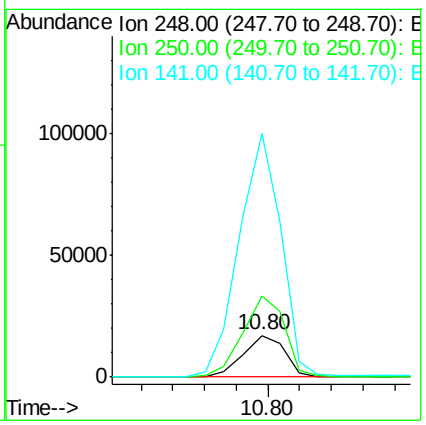


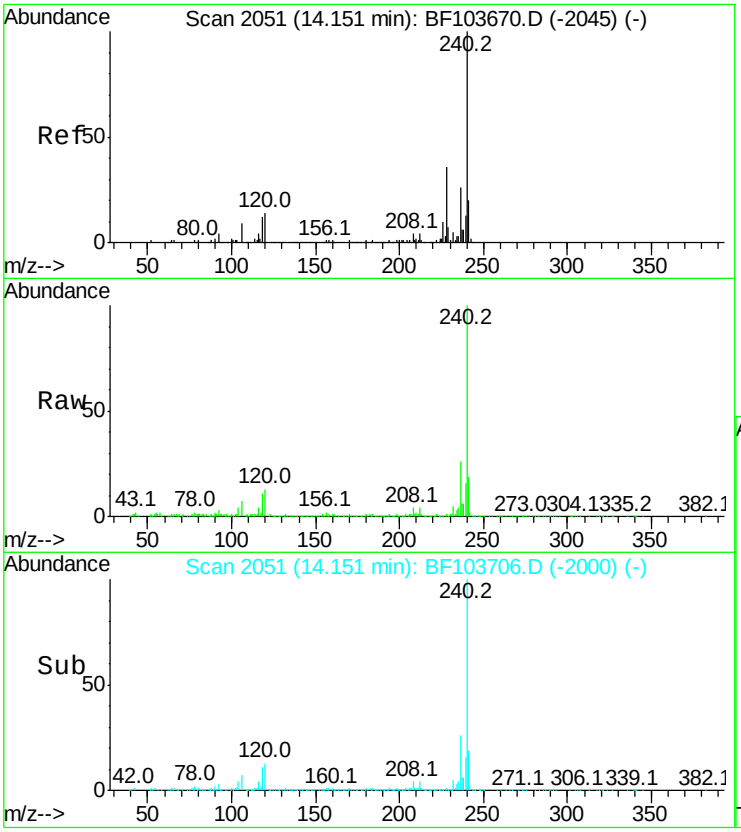


#66
4-Bromophenyl-phenylether
Concen: 3.216 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Tgt Ion:248 Resp: 15504

Ion	Ratio	Lower	Upper
248	100		
250	195.2	76.9	115.3#
141	588.7	74.4	111.6#



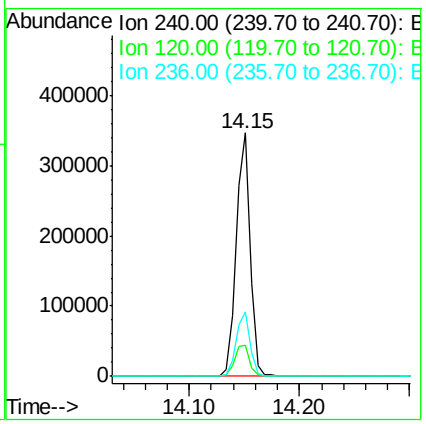


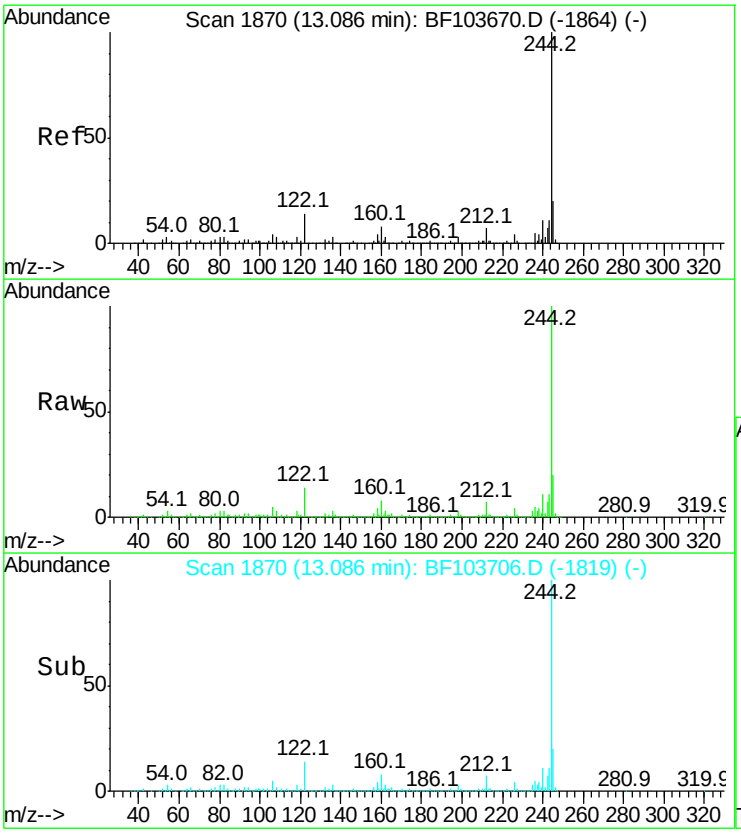
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 309731

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.2	20.7	31.1

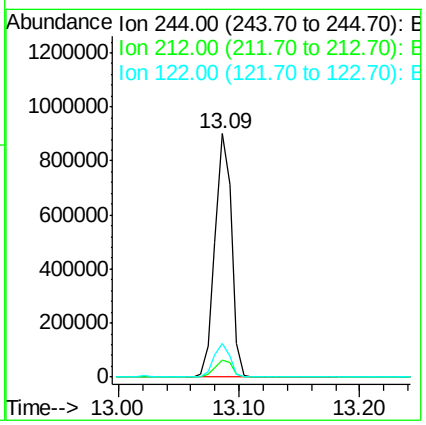


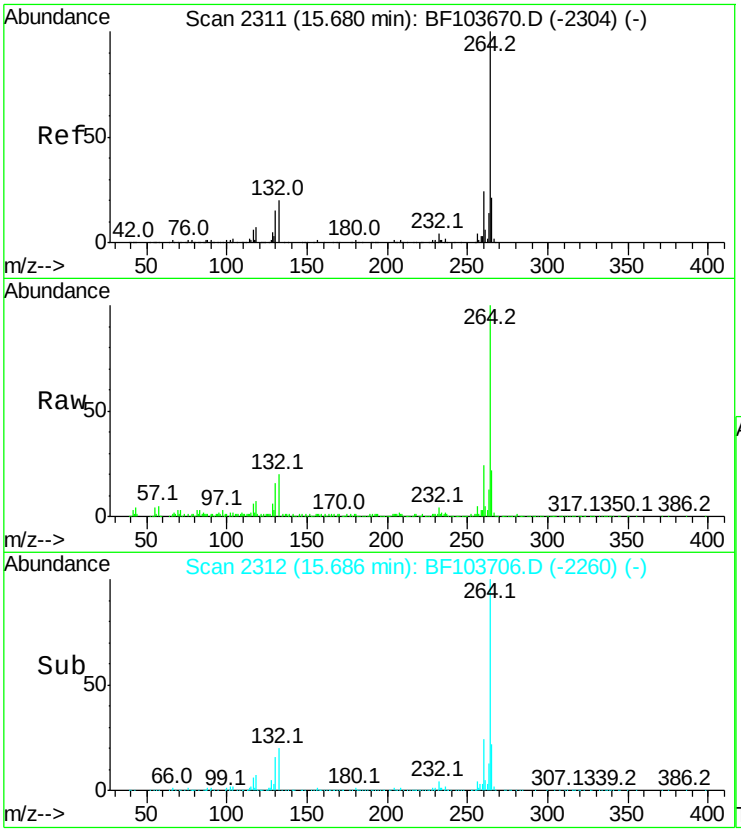


#78
Terphenyl-d14
Concen: 62.865 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Tgt Ion:244 Resp: 838866

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BF103706.D
Acq: 16 Mar 2018 19:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 282913

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3