Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103837.D
Acq On : 21 Mar 2018 11:25
Operator : JU/SJ
Sample : J1960-01DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 21 11:59:33 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	156280	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	624948	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	274581	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	376853	20.00	ng		0.01
75) Chrysene-d12	14.16	240	248572	20.00	ng		0.01
86) Perylene-d12	15.72	264	256244	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	68152	6.63	ng		0.00
7) Phenol-d6	6.57	99	53431	4.25	ng		-0.01
23) Nitrobenzene-d5	7.53	82	107187	11.96	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	38934	16.49	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	220525	12.81	ng		0.00
78) Terphenyl-d14	13.09	244	148255	13.84	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.55	42	23634	4.606	ng	#	1
30) 1,2,4-Trichlorobenzene	8.19	180	25829	2.754	ng		98
31) Naphthalene	8.28	128	2735007	86.636	ng		98
32) Benzoic acid	7.98	122	62264	17.785	ng		98
33) 4-Chloroaniline	8.28	127	380582	28.736	ng	#	32
37) 2-Methylnaphthalene	8.96	142	180225	9.002	ng		99
47) 2-Nitroaniline	9.56	65	198	6.850	ng	#	8
50) 2,6-Dinitrotoluene	9.70	165	2092	4.457	ng	#	68
52) 3-Nitroaniline	9.96	138	1418	4.083	ng	#	1
53) 2,4-Dinitrophenol	10.29	184	220	6.699	ng	#	1
55) 4-Nitrophenol	10.12	139	723	5.147	ng	#	1
56) 2,4-Dinitrotoluene	10.01	165	38279	12.704	ng	#	23
61) 4-Nitroaniline	10.56	138	874	3.922	ng		83
64) 4,6-Dinitro-2-methylphenol	10.75	198	271	8.332	ng	#	1

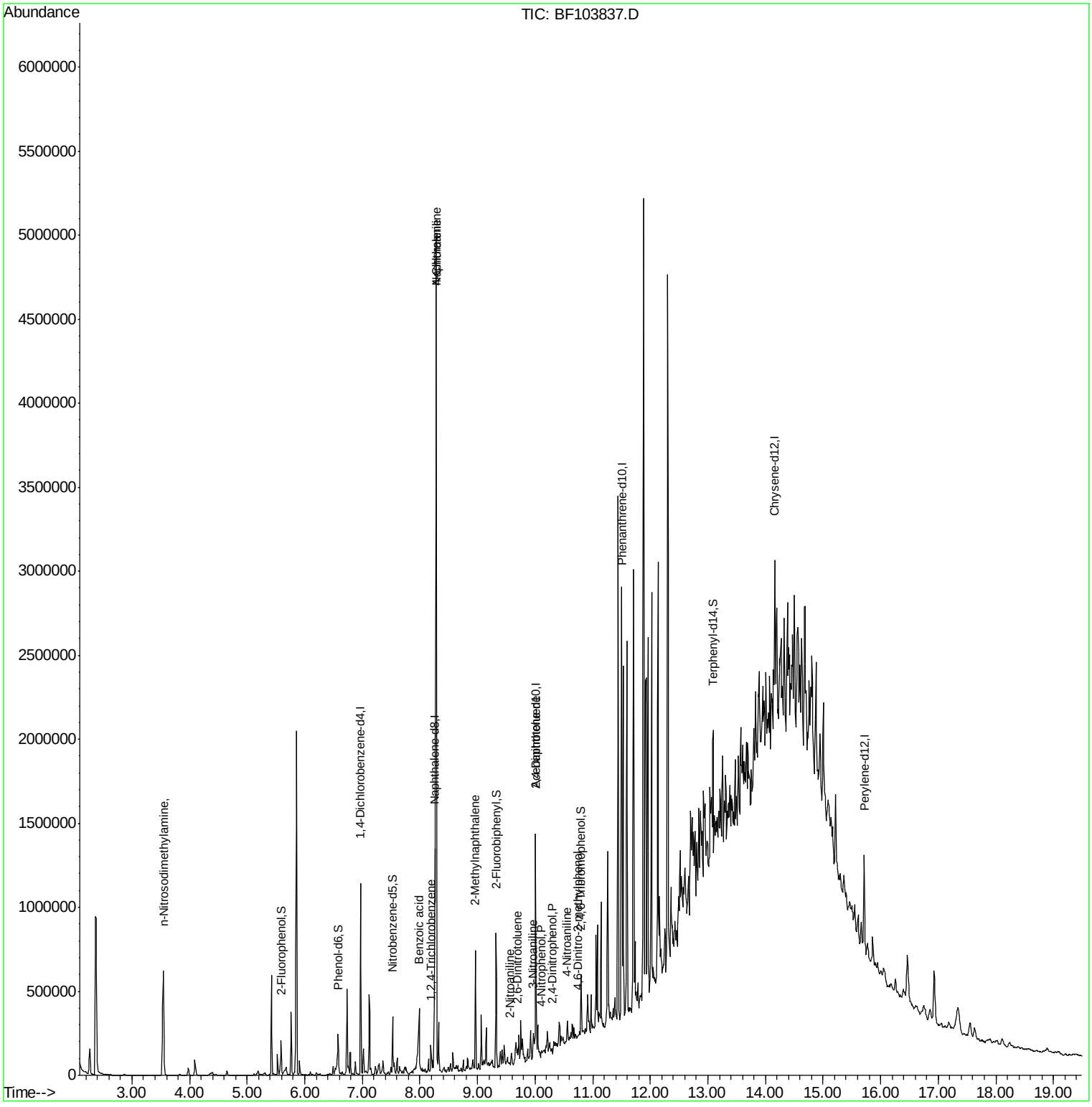
(#) = qualifier out of range (m) = manual integration (+) = signals summed

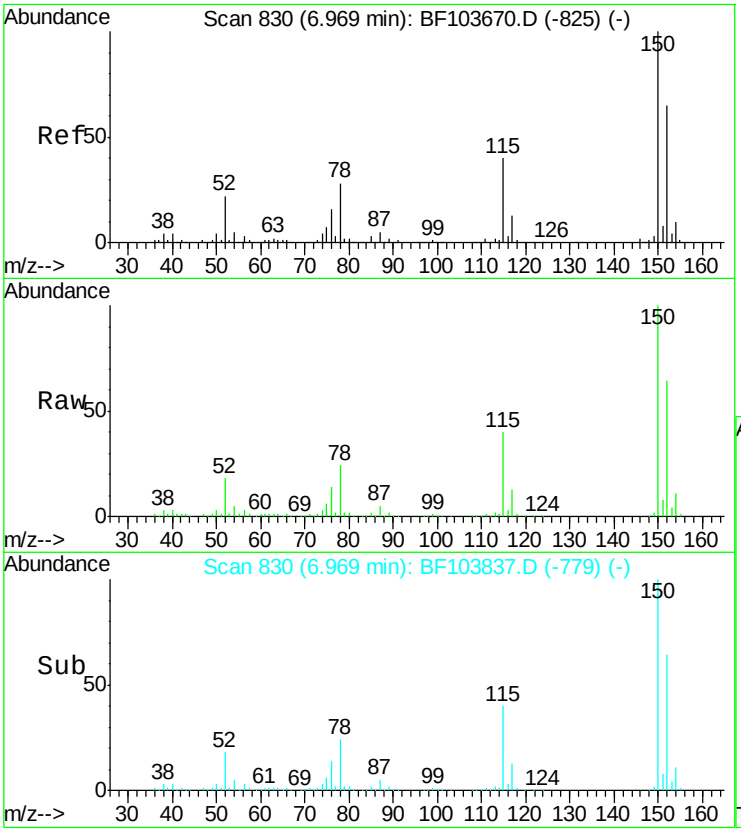
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103837.D
Acq On : 21 Mar 2018 11:25
Operator : JU/SJ
Sample : J1960-01DL 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 21 11:59:33 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



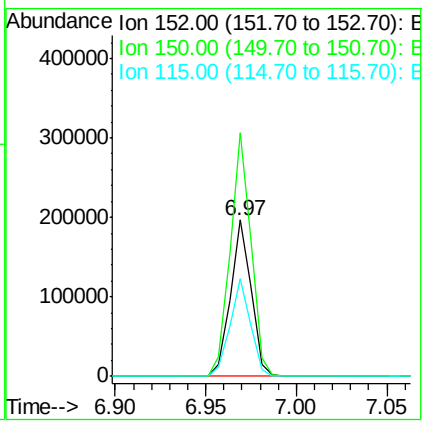


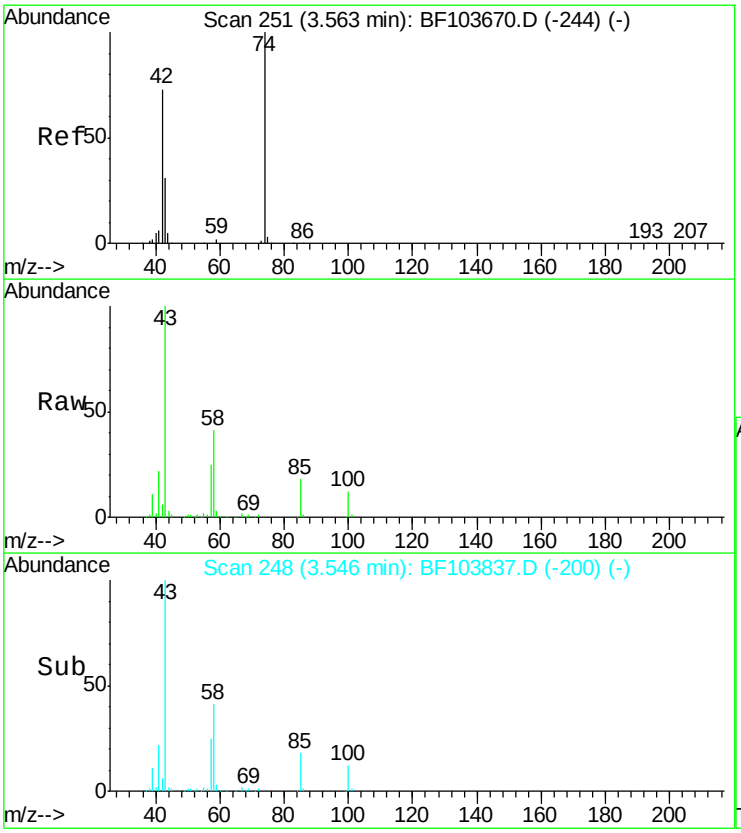
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 156280

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	62.6	50.1	75.1

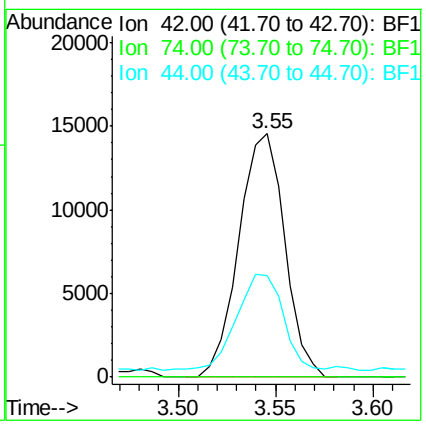


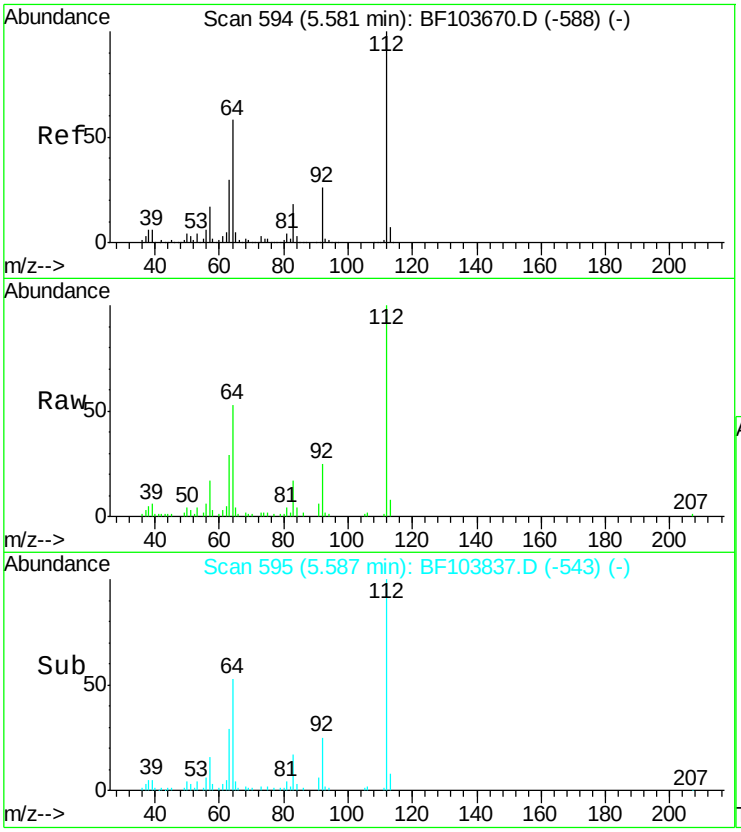


#4
n-Nitrosodimethylamine
Concen: 4.606 ng
RT: 3.55 min Scan# 248
Delta R.T. -0.02 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion: 42 Resp: 23634

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	41.5	6.9	10.3#



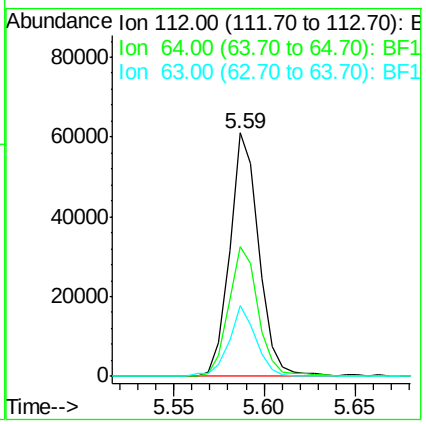


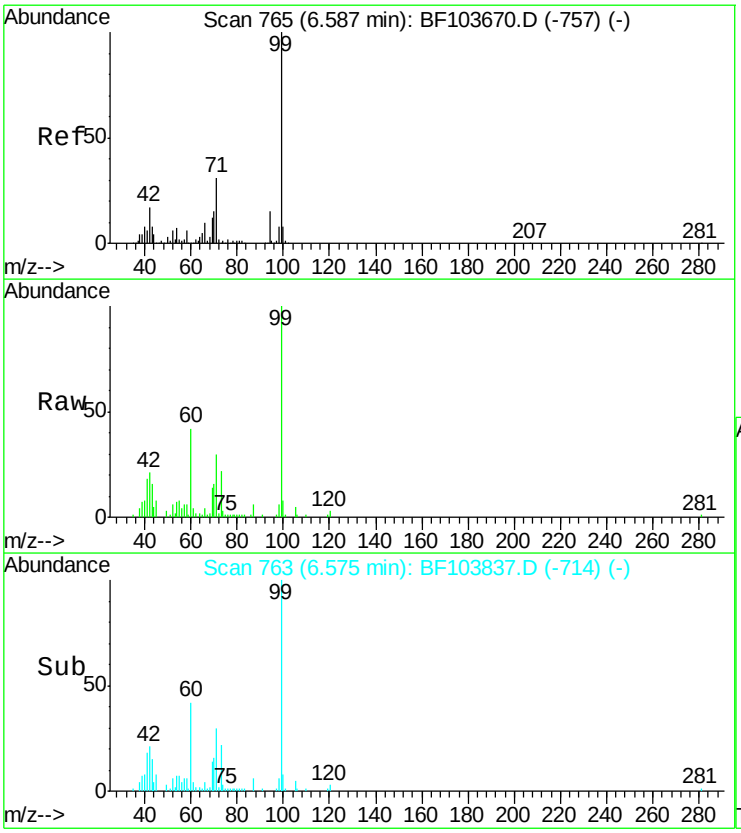
#5
2-Fluorophenol
Concen: 6.633 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 68152

Ion	Ratio	Lower	Upper
112	100		
64	53.4	47.9	71.9
63	28.9	23.7	35.5

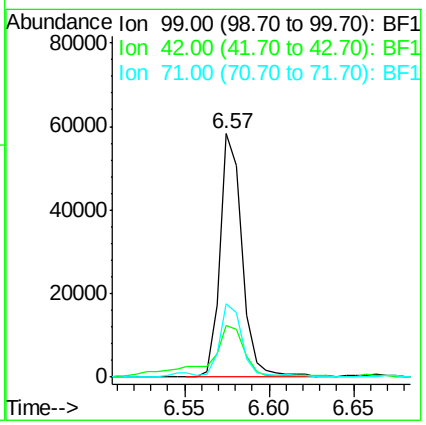


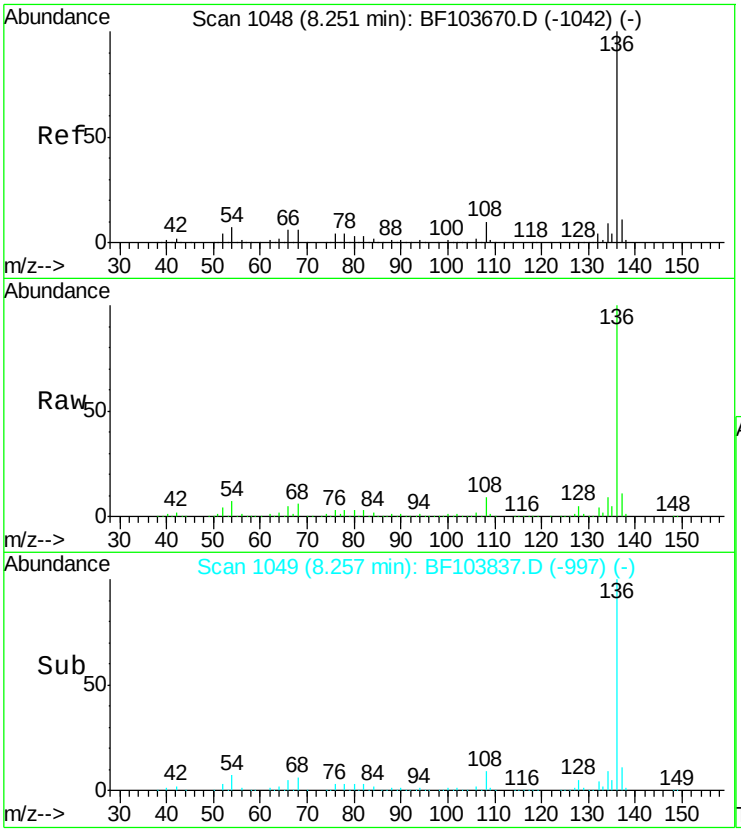


#7
Phenol-d6
Concen: 4.250 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion: 99 Resp: 53431

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	30.0	25.4	38.0



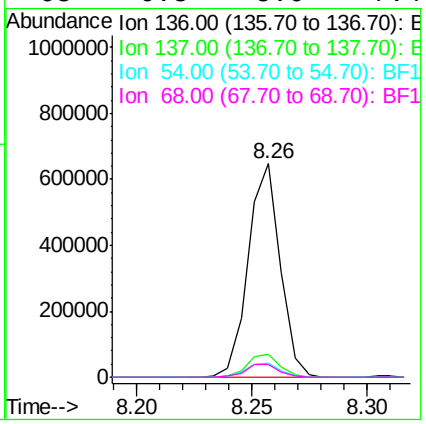


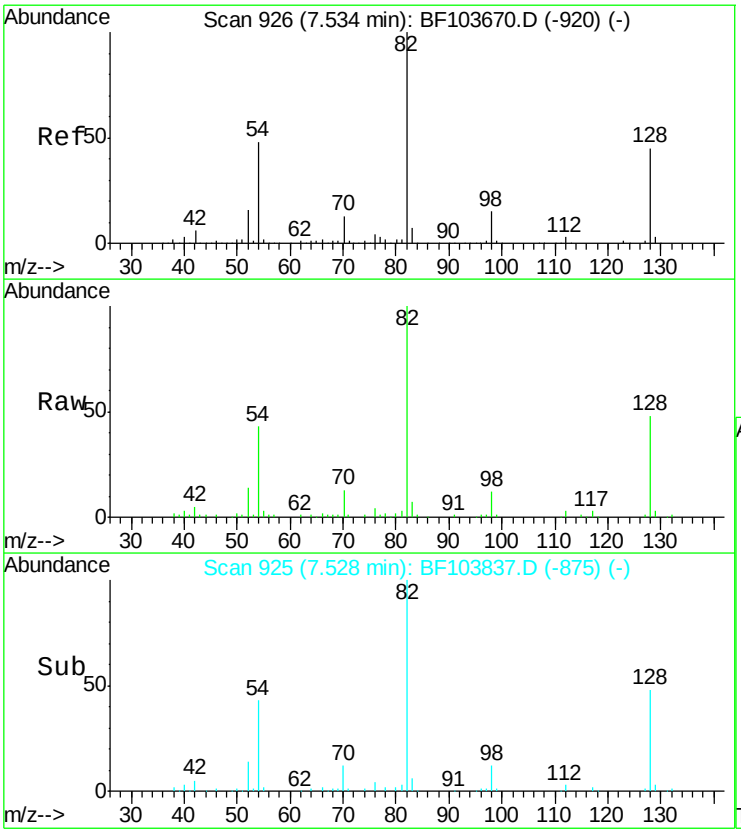
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 624948

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

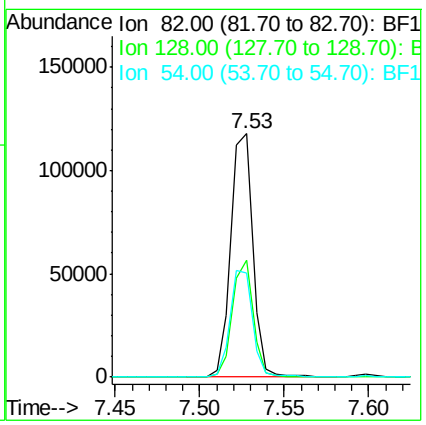


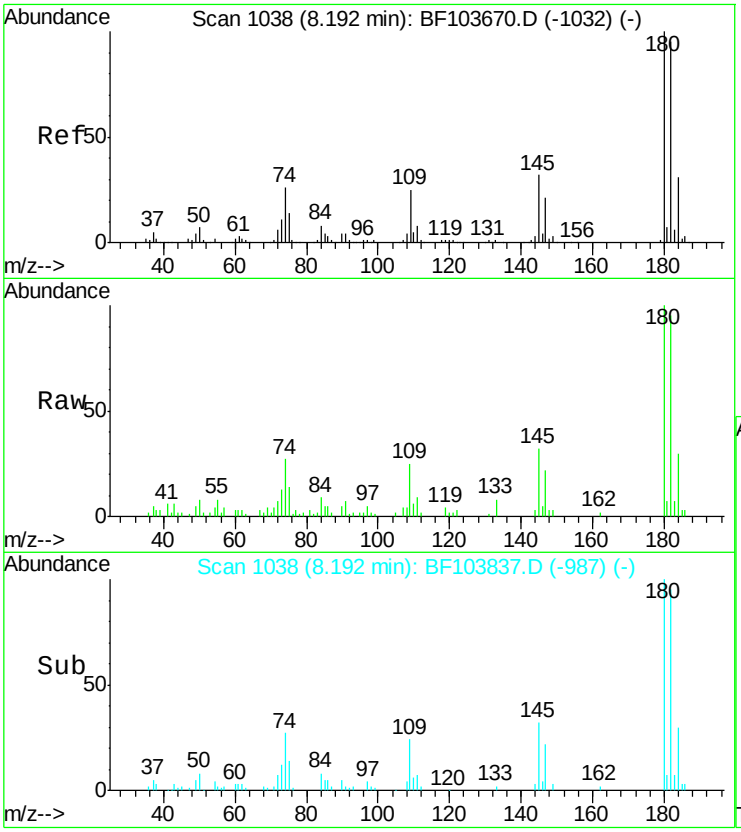


#23
Nitrobenzene-d5
Concen: 11.961 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion: 82 Resp: 107187

Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	42.6	41.4	62.2



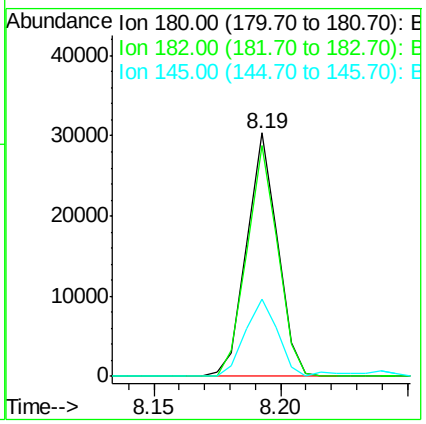


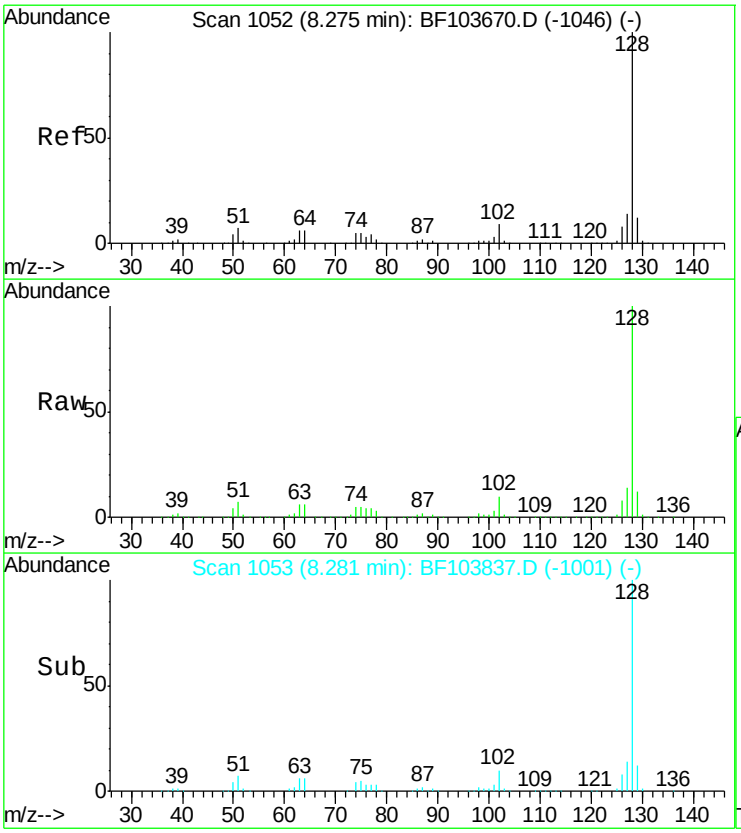
#30
1,2,4-Trichlorobenzene
Concen: 2.754 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:180 Resp: 25829

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.8	115.2
145	31.8	26.5	39.7

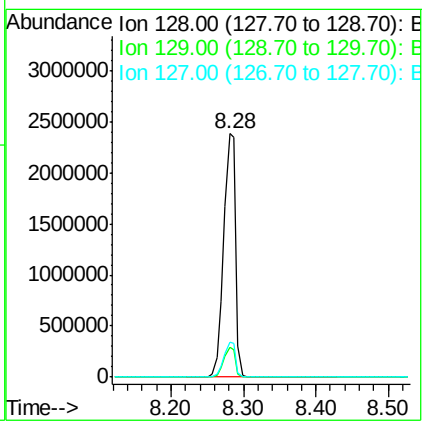


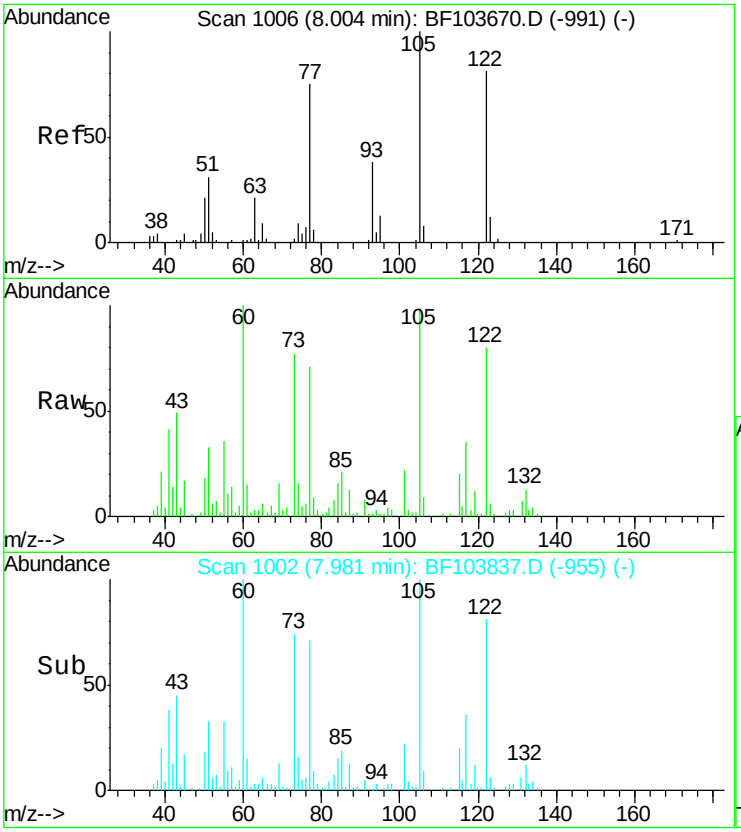


#31
Naphthalene
Concen: 86.636 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:128 Resp: 2735007

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	14.2	10.9	16.3

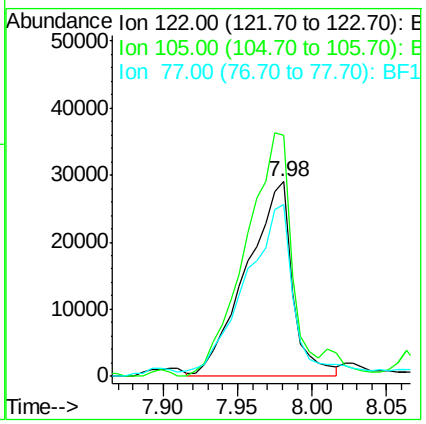




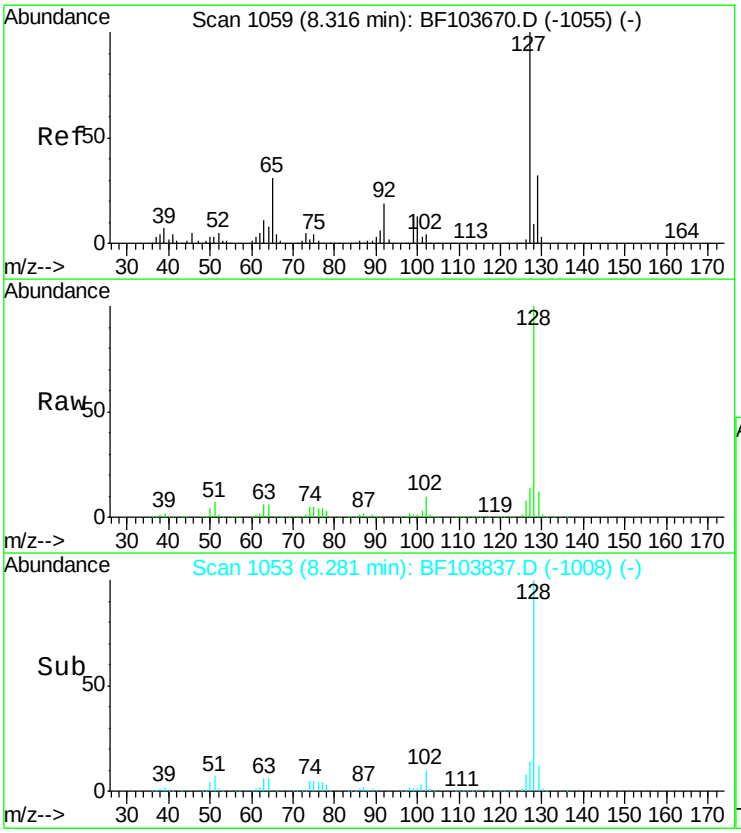
#32
Benzoic acid
Concen: 17.785 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:122 Resp: 62264

Ion	Ratio	Lower	Upper
122	100		
105	123.8	101.1	141.1
77	88.3	70.7	110.7



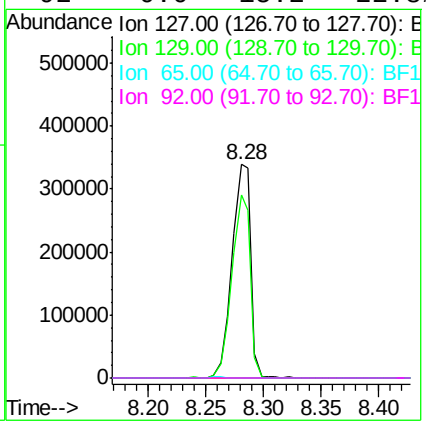
Instrument :
BNA_F
ClientSampleId :

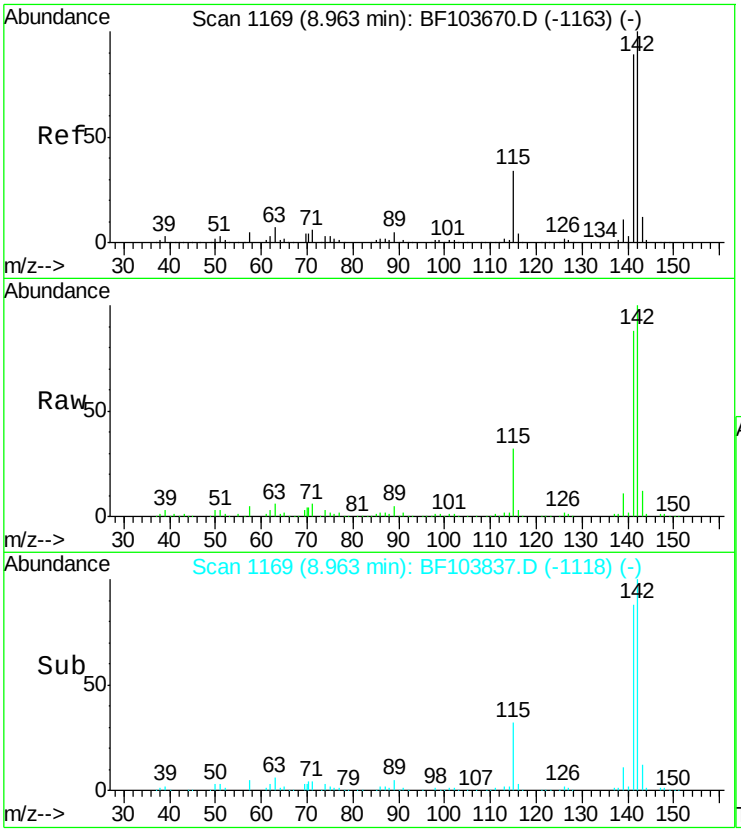


#33
4-Chloroaniline
Concen: 28.736 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.04 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:127 Resp: 380582

Ion	Ratio	Lower	Upper
127	100		
129	85.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



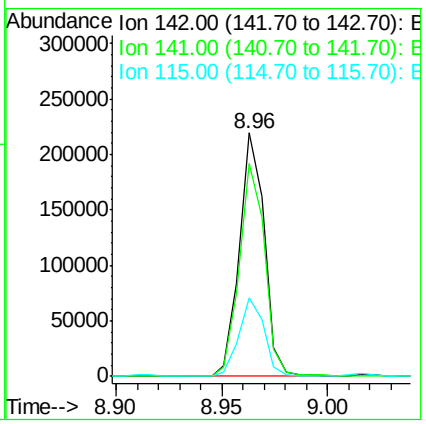


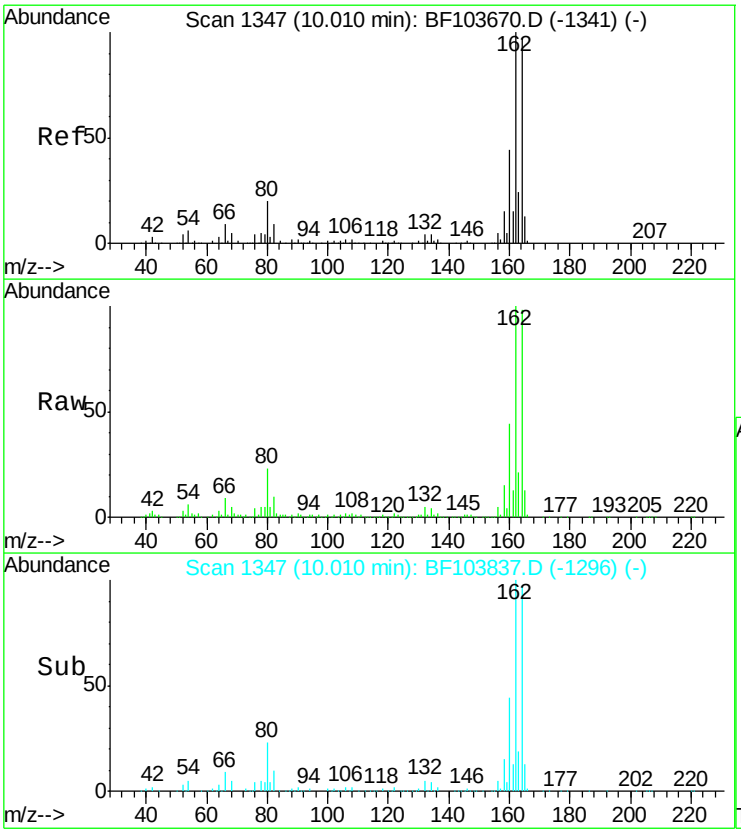
#37
2-Methylnaphthalene
Concen: 9.002 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 180225

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	32.4	26.1	39.1

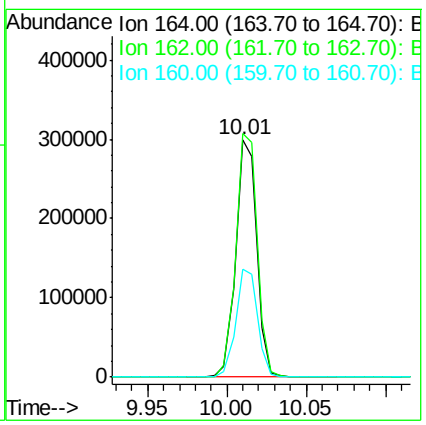


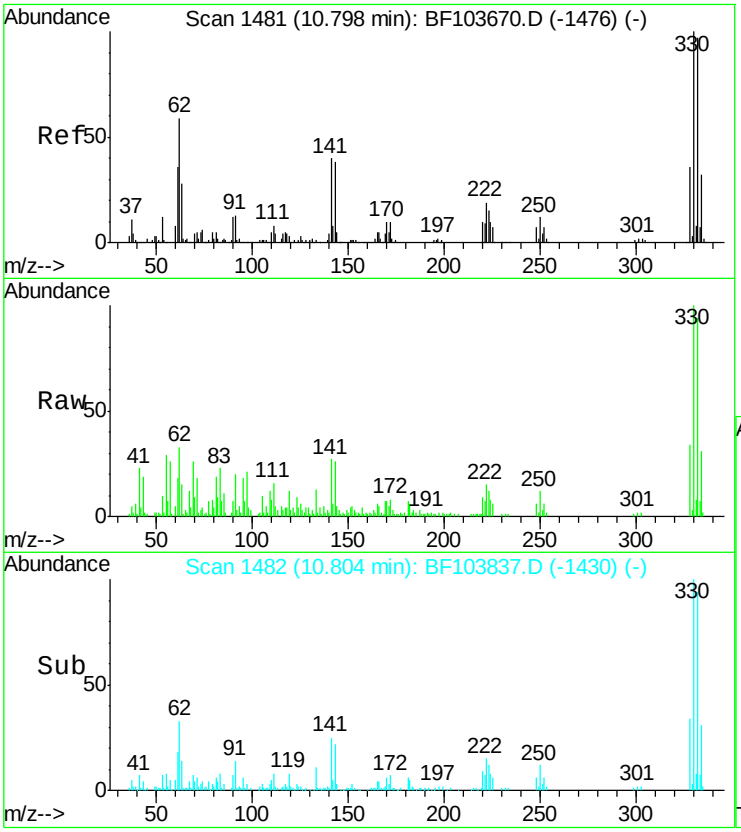


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:164 Resp: 274581

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.3	38.3	57.5



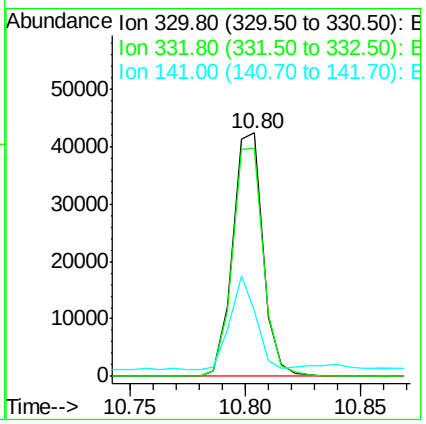


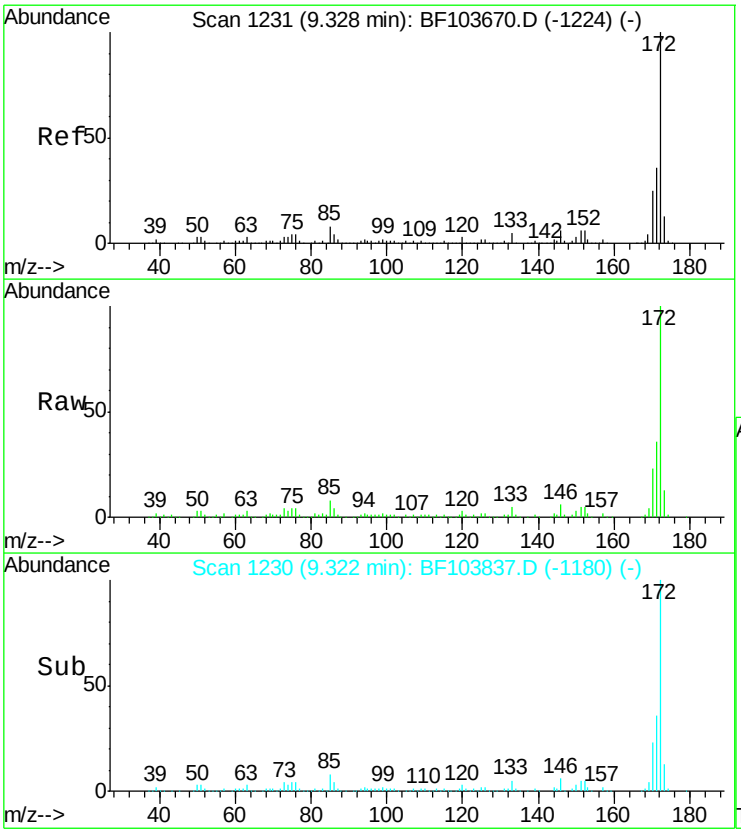
#41
2,4,6-Tribromophenol
Concen: 16.491 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 38934

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	33.3	29.9	44.9

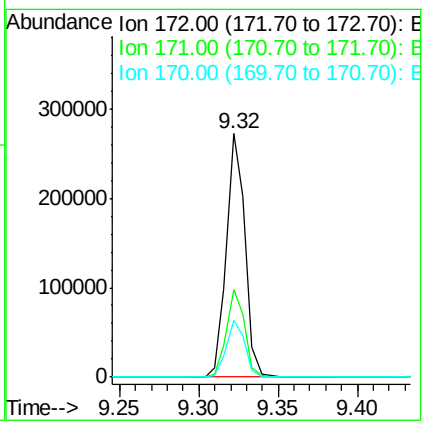


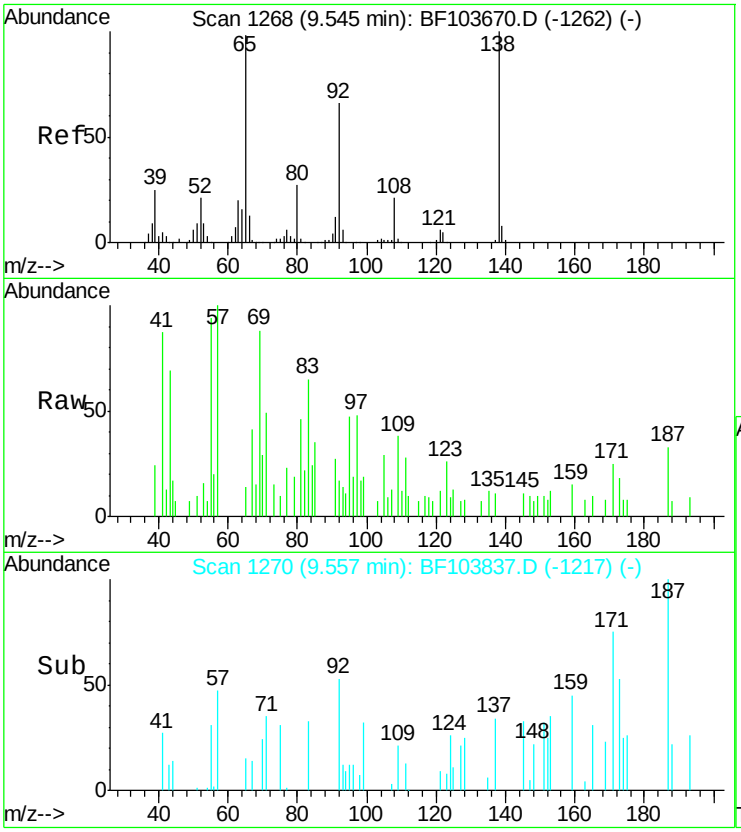


#44
2-Fluorobiphenyl
Concen: 12.811 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:172 Resp: 220525

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.1	19.6	29.4



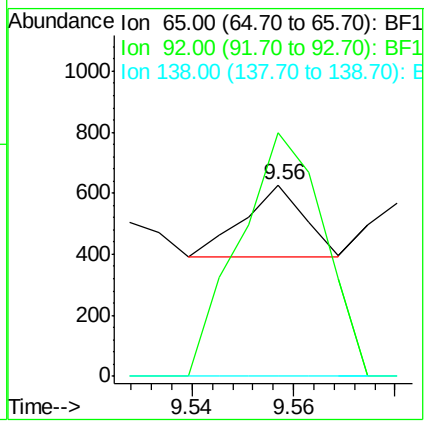


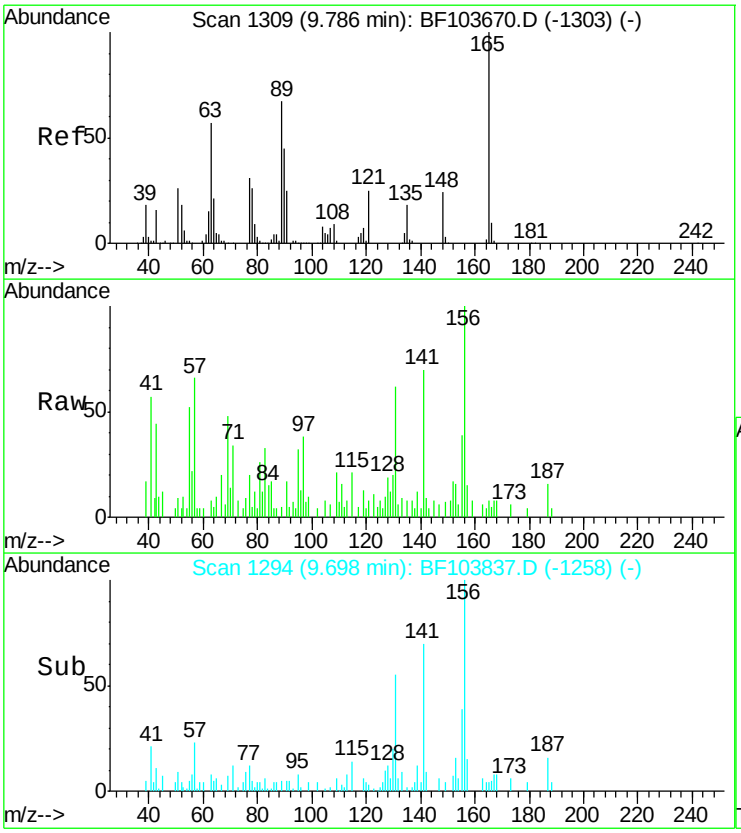
#47
2-Nitroaniline
Concen: 6.850 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 198

Ion	Ratio	Lower	Upper
65	100		
92	127.1	55.8	83.6#
138	0.0	91.2	136.8#

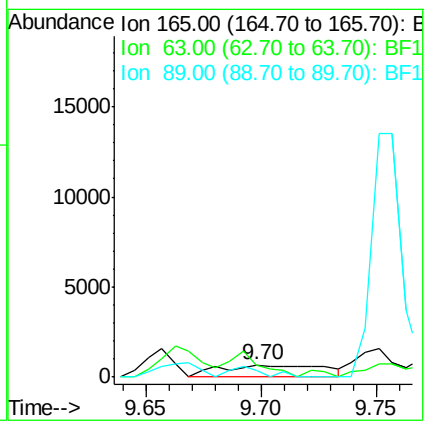


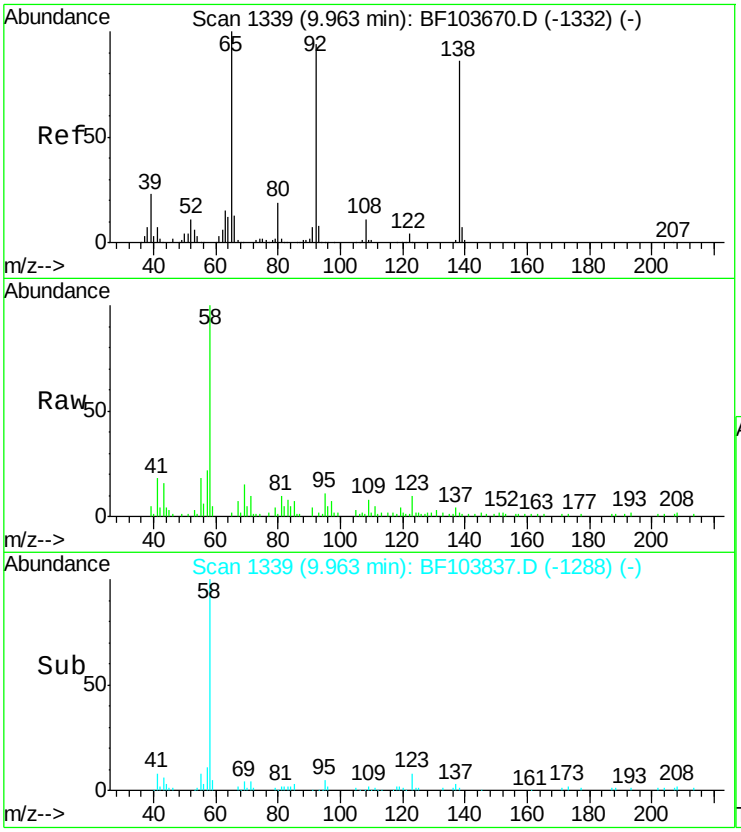


#50
2,6-Dinitrotoluene
Concen: 4.457 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.09 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:165 Resp: 2092

Ion	Ratio	Lower	Upper
165	100		
63	99.0	44.7	67.1#
89	58.8	44.0	66.0



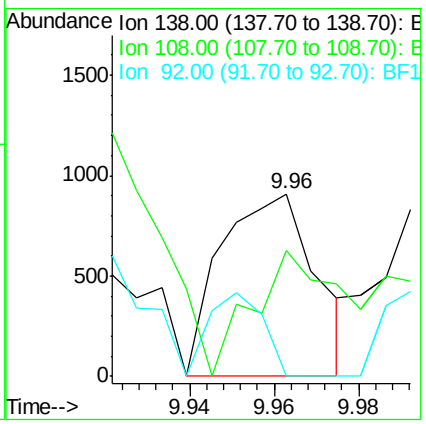


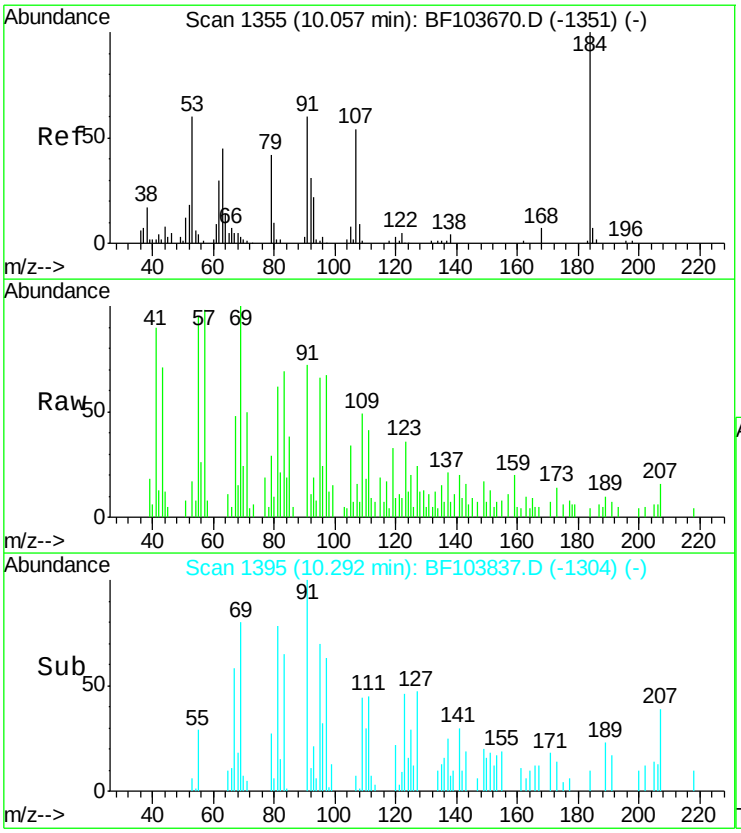
#52
3-Nitroaniline
Concen: 4.083 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 1418

Ion	Ratio	Lower	Upper
138	100		
108	69.4	9.4	14.0#
92	0.0	89.4	134.2#

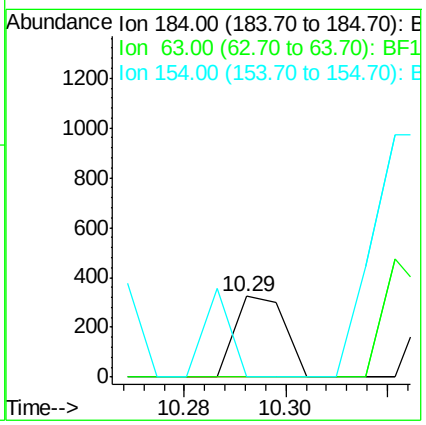


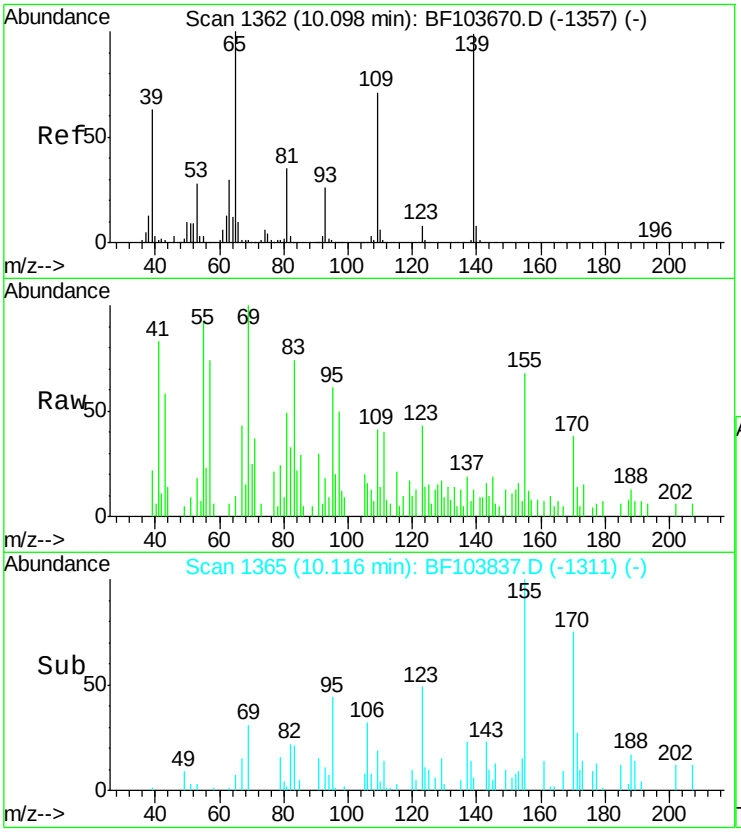


#53
2,4-Dinitrophenol
Concen: 6.699 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.24 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:184 Resp: 220

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#



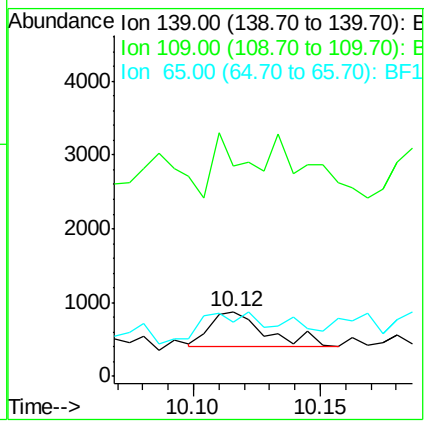


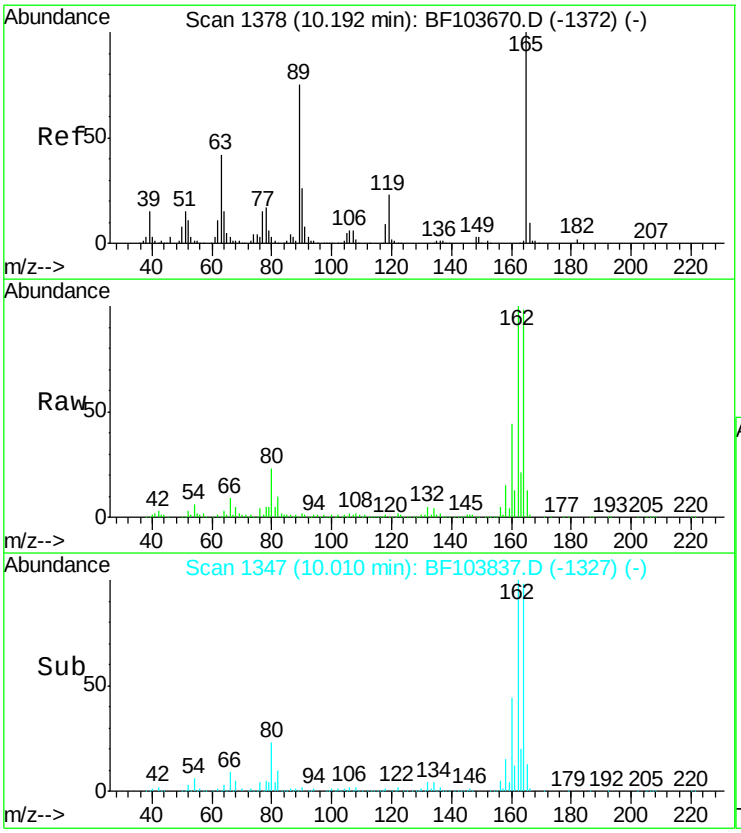
#55
4-Nitrophenol
Concen: 5.147 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 723

Ion	Ratio	Lower	Upper
139	100		
109	327.3	48.4	88.4#
65	83.2	72.6	112.6

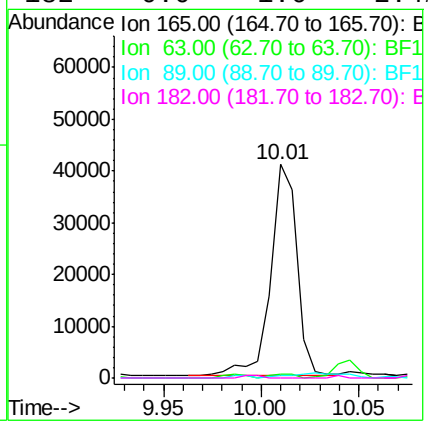


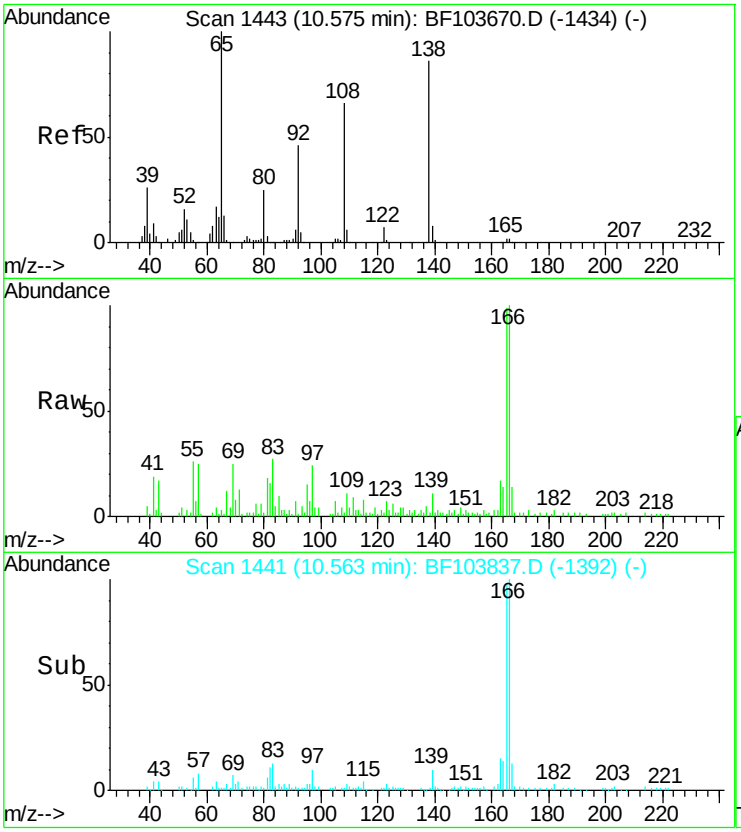


#56
2,4-Dinitrotoluene
Concen: 12.704 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:165 Resp: 38279

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



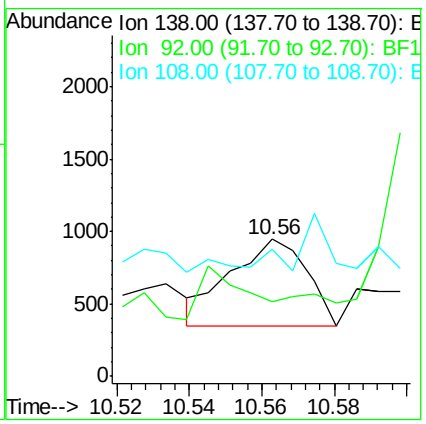


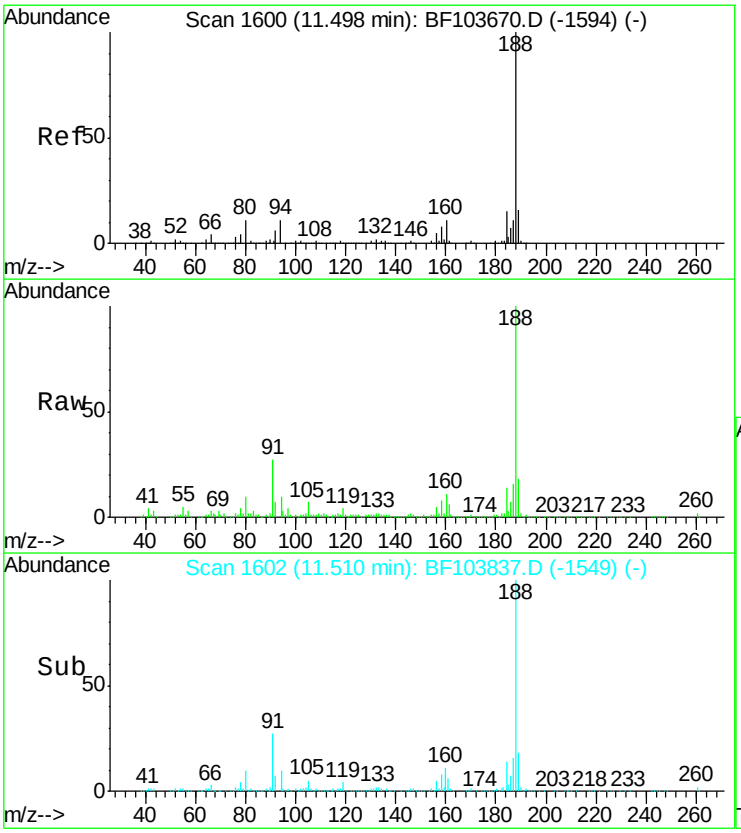
#61
4-Nitroaniline
Concen: 3.922 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 874

Ion	Ratio	Lower	Upper
138	100		
92	54.6	30.2	70.2
108	92.3	52.5	92.5

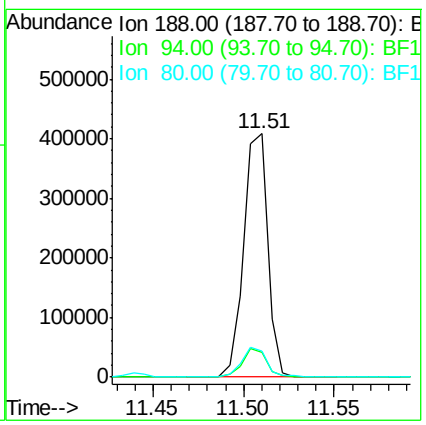


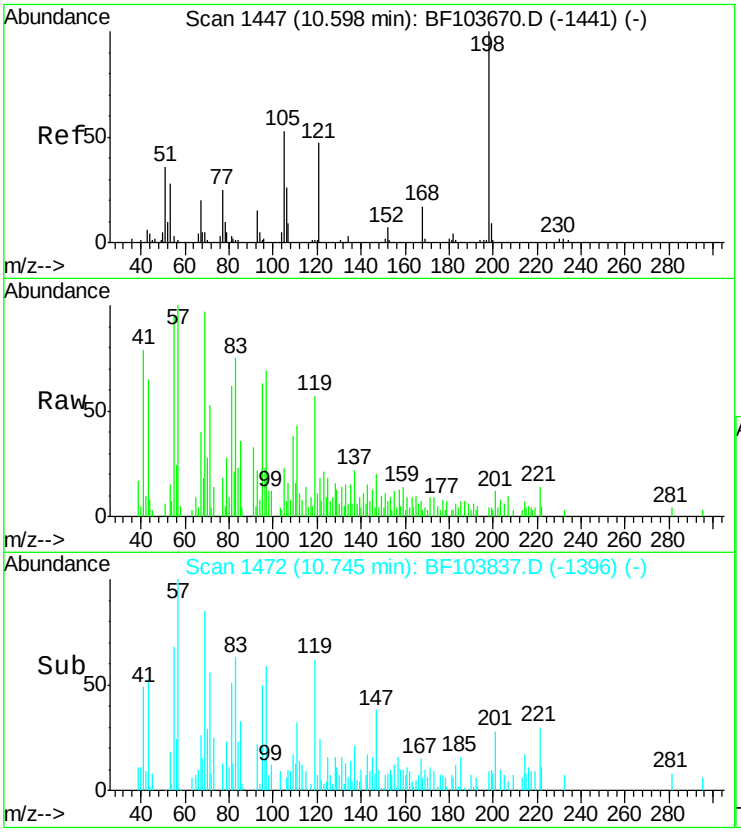


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:188 Resp: 376853

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.5	9.2	13.8



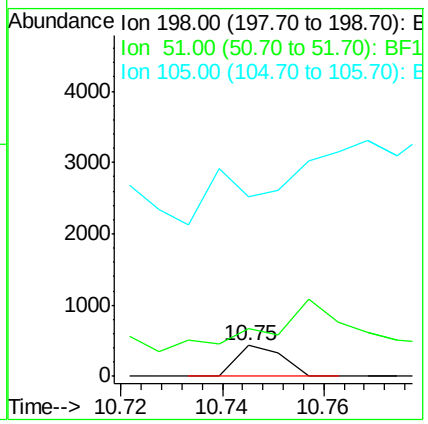


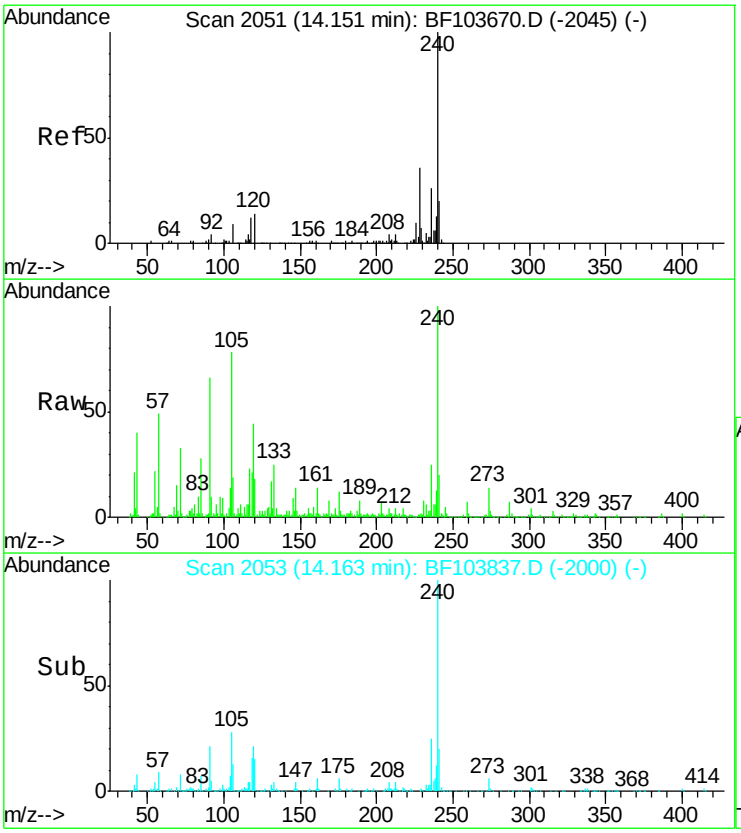
#64
4,6-Dinitro-2-methylphenol
Concen: 8.332 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.15 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 271

Ion	Ratio	Lower	Upper
198	100		
51	157.4	37.7	77.7#
105	587.0	36.3	76.3#

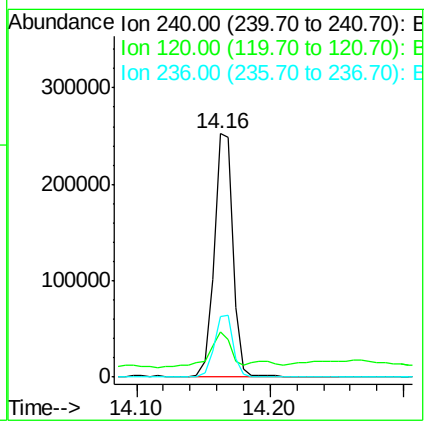


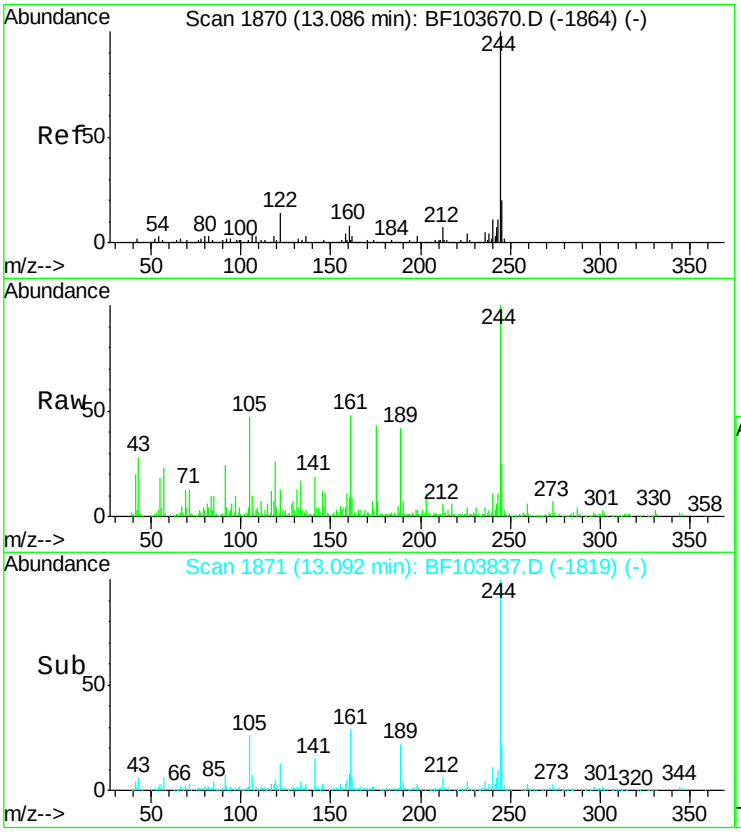


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:240 Resp: 248572

Ion	Ratio	Lower	Upper
240	100		
120	18.4	9.5	14.3#
236	25.0	20.7	31.1



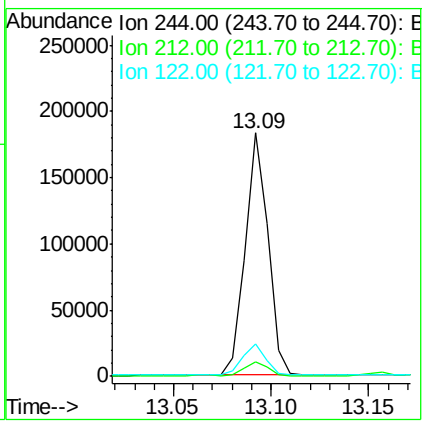


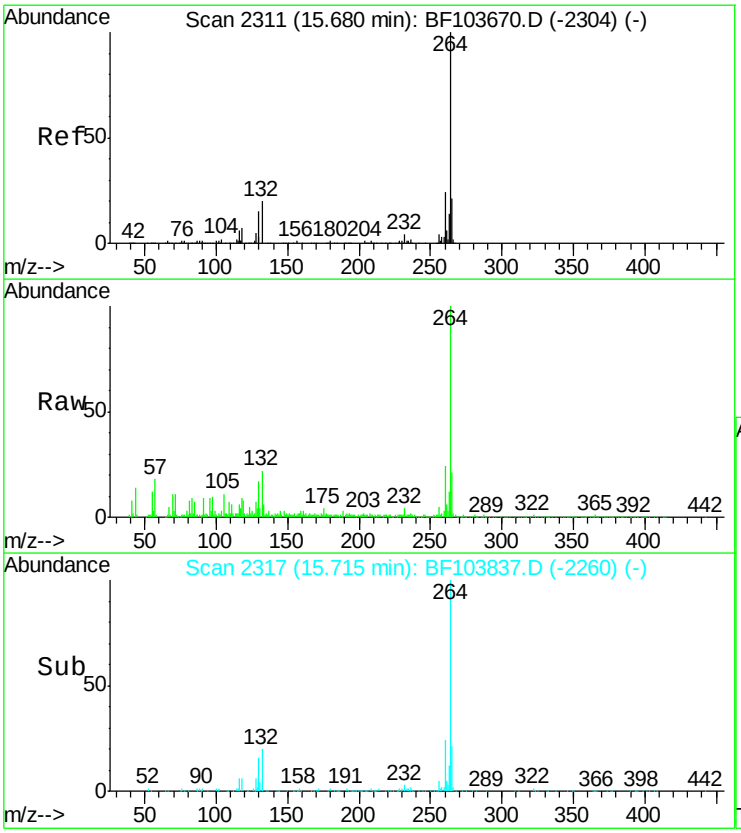
#78
Terphenyl-d14
Concen: 13.844 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 148255

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	13.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.04 min
Lab File: BF103837.D
Acq: 21 Mar 2018 11:25

Tgt Ion:264 Resp: 256244

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.5	26.3