Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108853.D
Acq On : 7 Sep 2018 11:58
Operator : JU/SJ
Sample : J4803-13RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 07 13:19:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	263969	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	1033184	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	510592	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	943086	20.00	ng		0.00
75) Chrysene-d12	13.87	240	625107	20.00	ng		0.00
86) Perylene-d12	15.28	264	617212	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1125121	70.61	ng		0.00
7) Phenol-d6	6.37	99	1498107	73.07	ng		0.00
23) Nitrobenzene-d5	7.30	82	935658	56.67	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	382673	78.51	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1687424	56.38	ng		0.00
78) Terphenyl-d14	12.82	244	1551630	57.88	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	125376	8.798	ng	#	75
25) Isophorone	7.30	82	926481	28.134	ng	#	64
32) Benzoic acid	7.71	122	642	4.090	ng	#	83
49) Dimethylphthalate	9.48	163	650830	18.224	ng		99
56) 2,4-Dinitrotoluene	9.77	165	65983	7.582	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.55	198	834	7.061	ng	#	1

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

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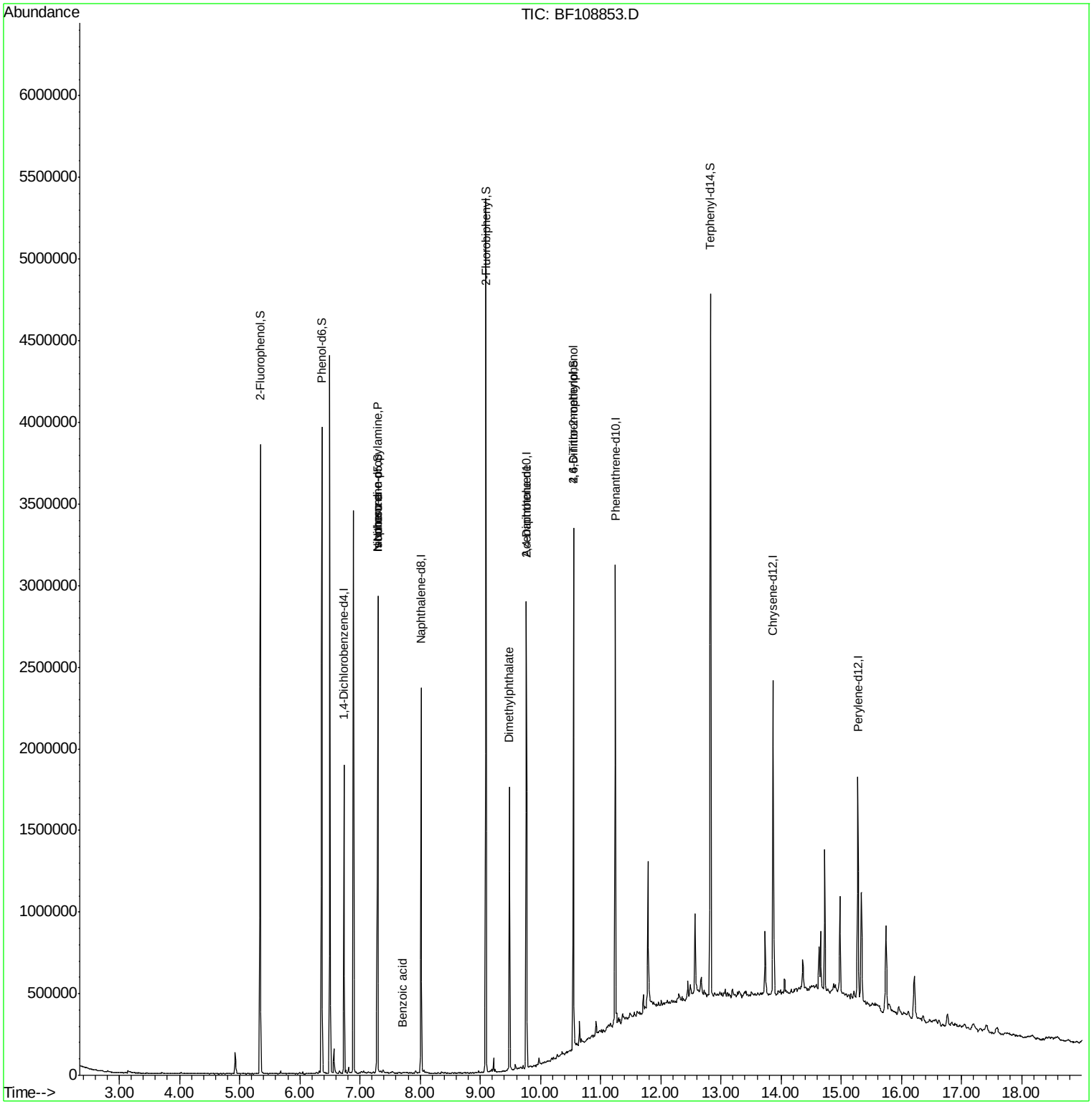
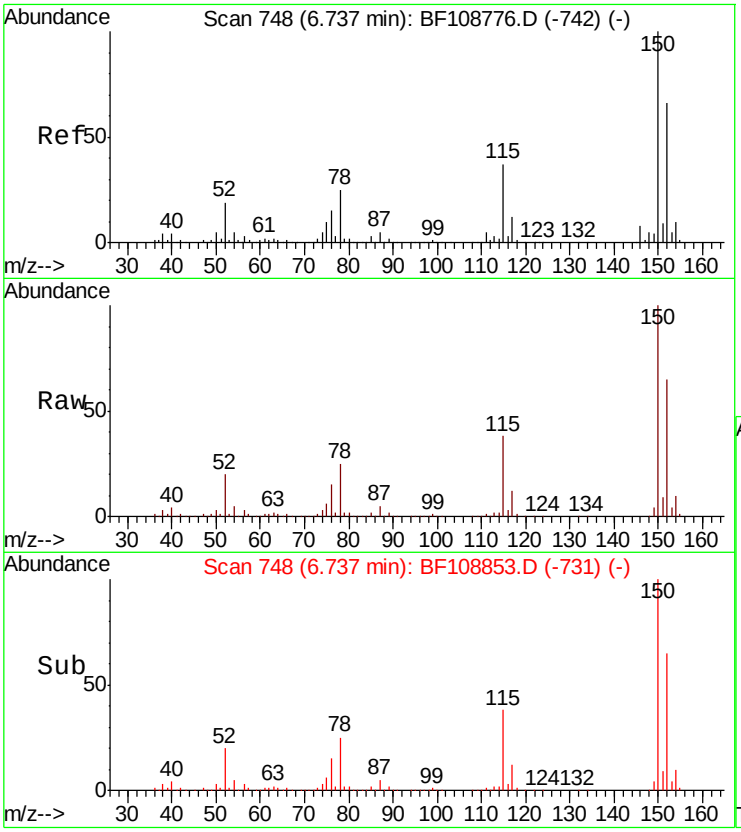


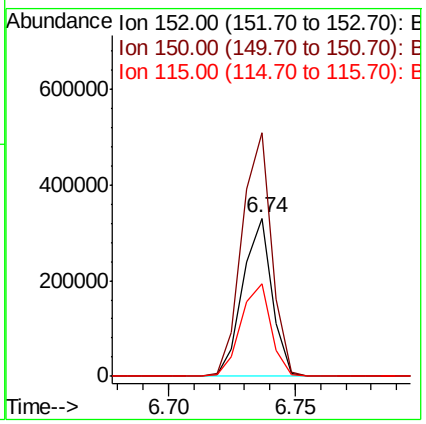


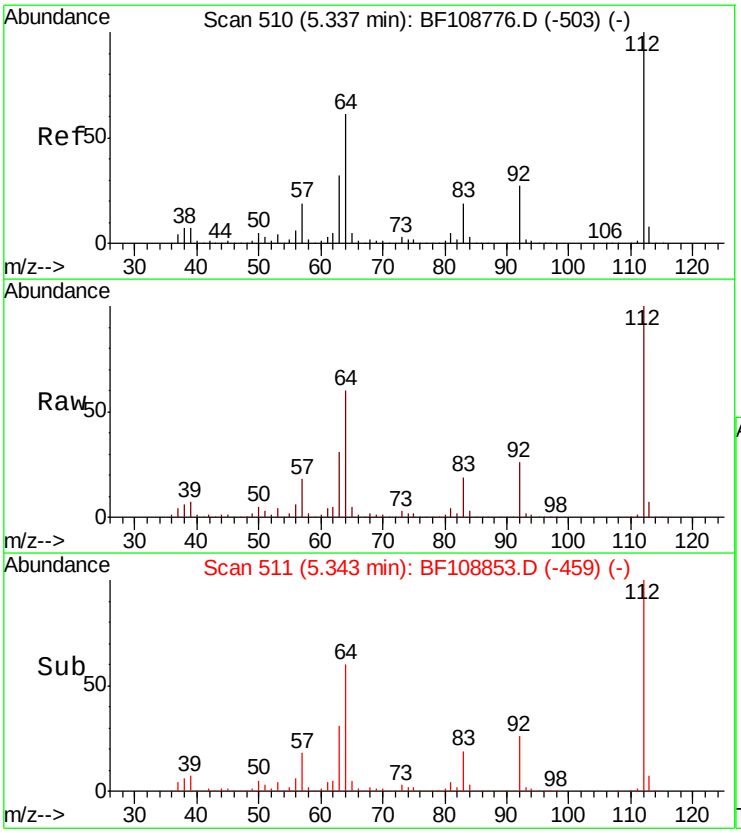
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 263969

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	58.4	50.1	75.1

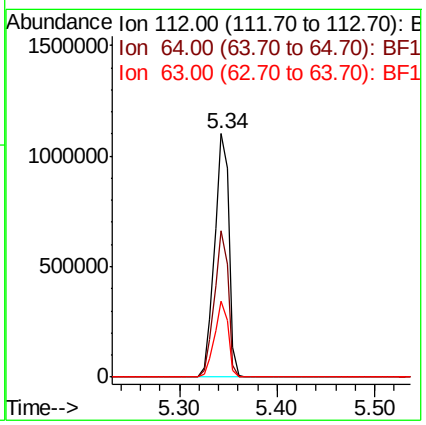


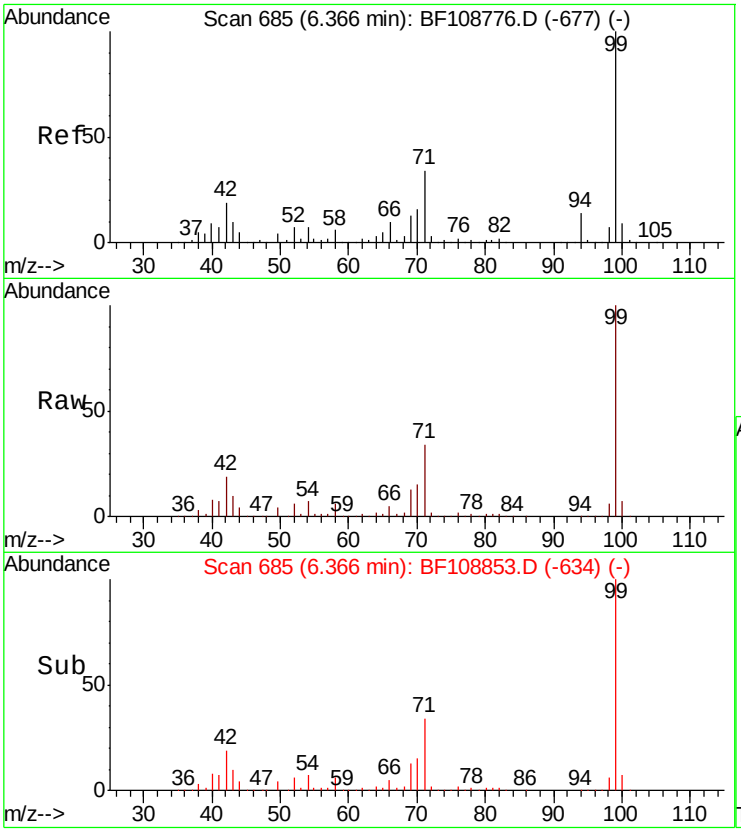


#5
2-Fluorophenol
Concen: 70.612 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion:112 Resp: 1125121

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	31.0	23.7	35.5



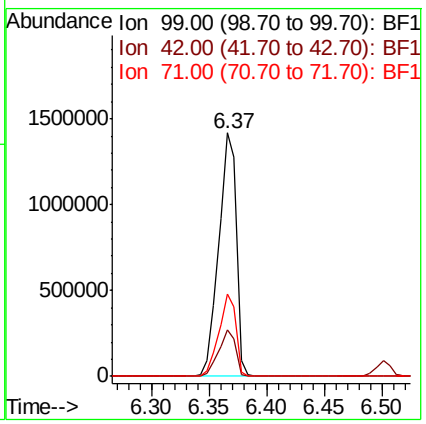


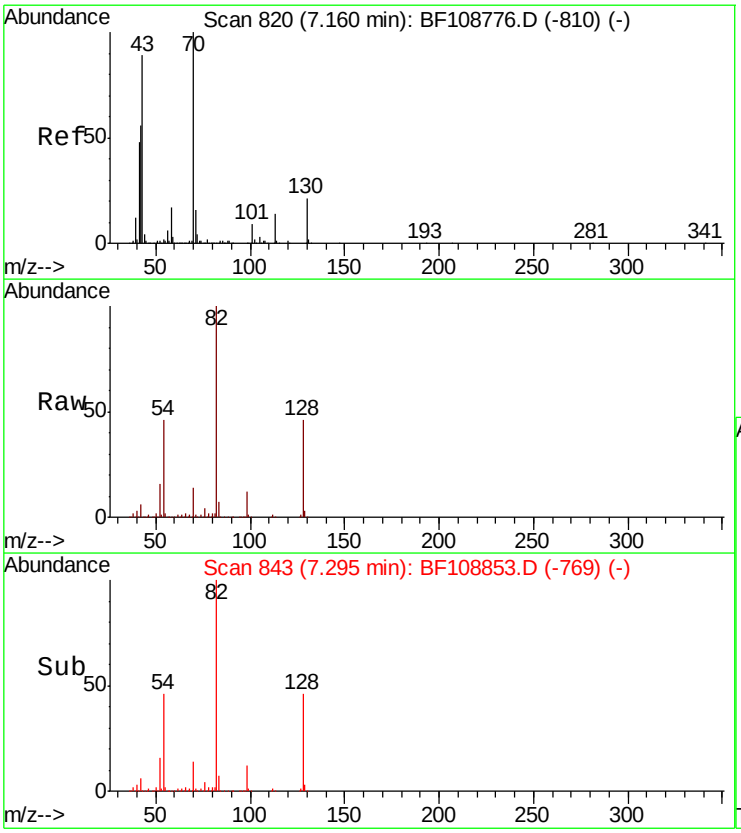
#7
Phenol-d6
Concen: 73.074 ng
RT: 6.37 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1498107

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.7	25.4	38.0

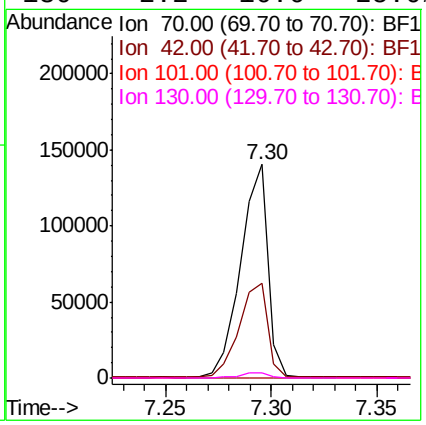


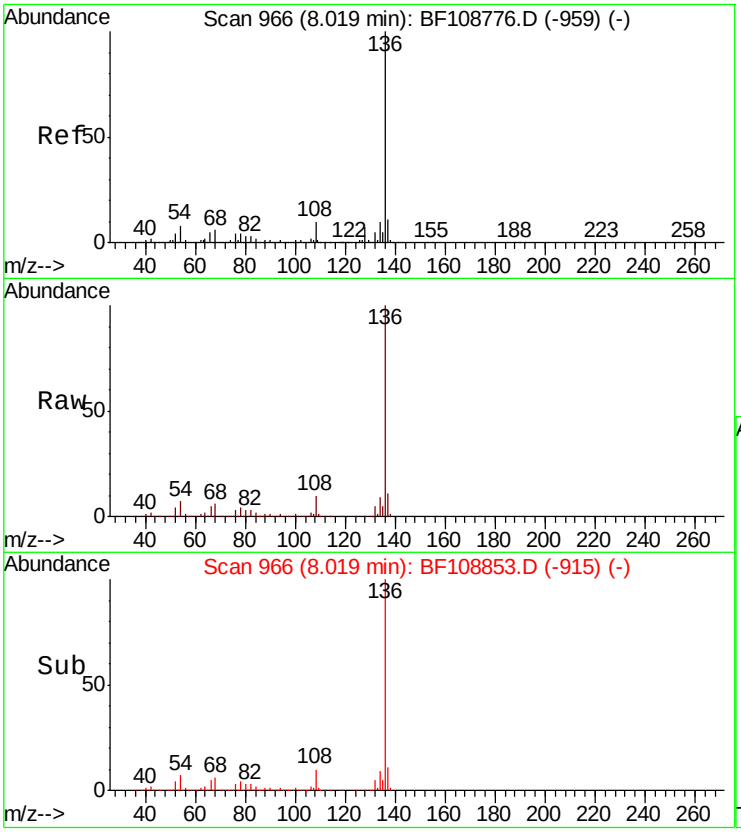


#19
n-Nitroso-di-n-propylamine
Concen: 8.798 ng
RT: 7.30 min Scan# 843
Delta R.T. 0.14 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion: 70 Resp: 125376

Ion	Ratio	Lower	Upper
70	100		
42	44.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



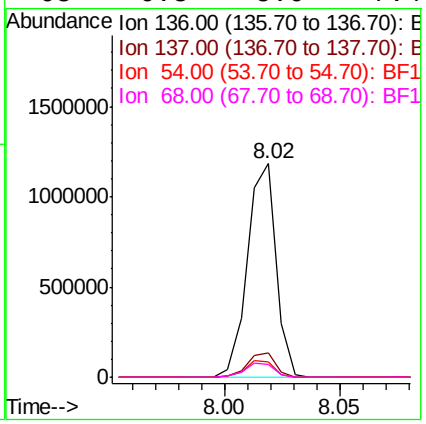


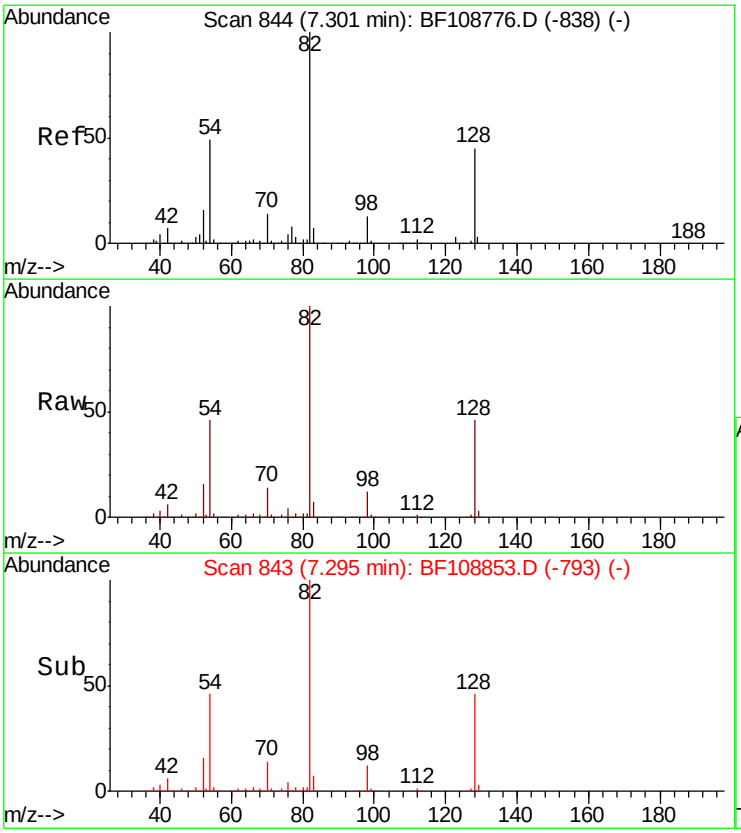
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 1033184

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.1	6.6	9.8
68	6.3	5.0	7.4

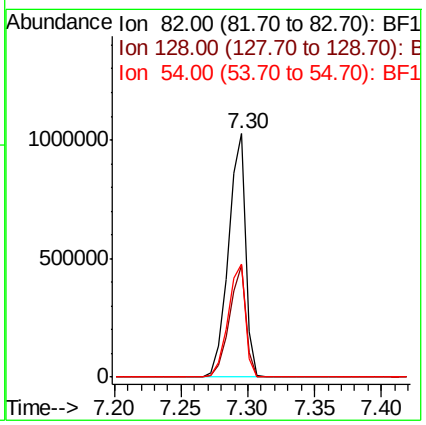


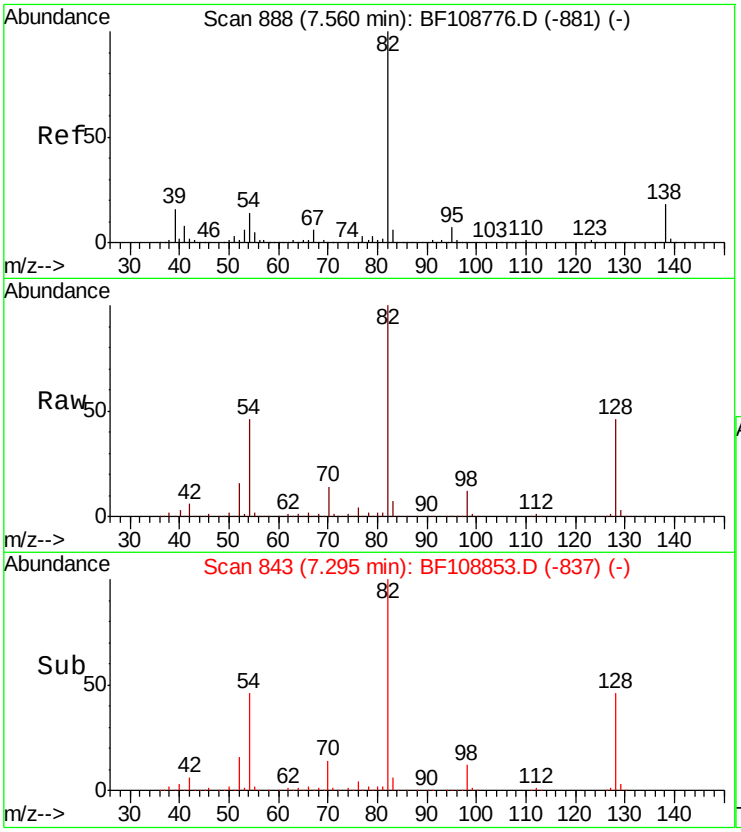


#23
Nitrobenzene-d5
Concen: 56.674 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion: 82 Resp: 935658

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	46.4	41.4	62.2



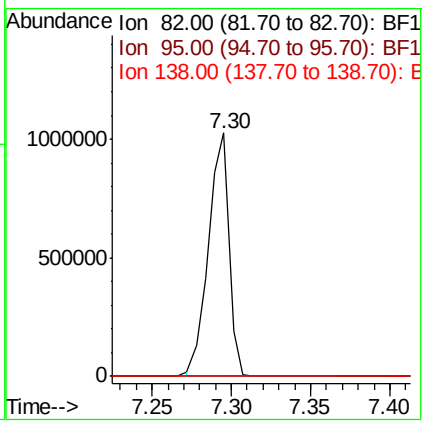


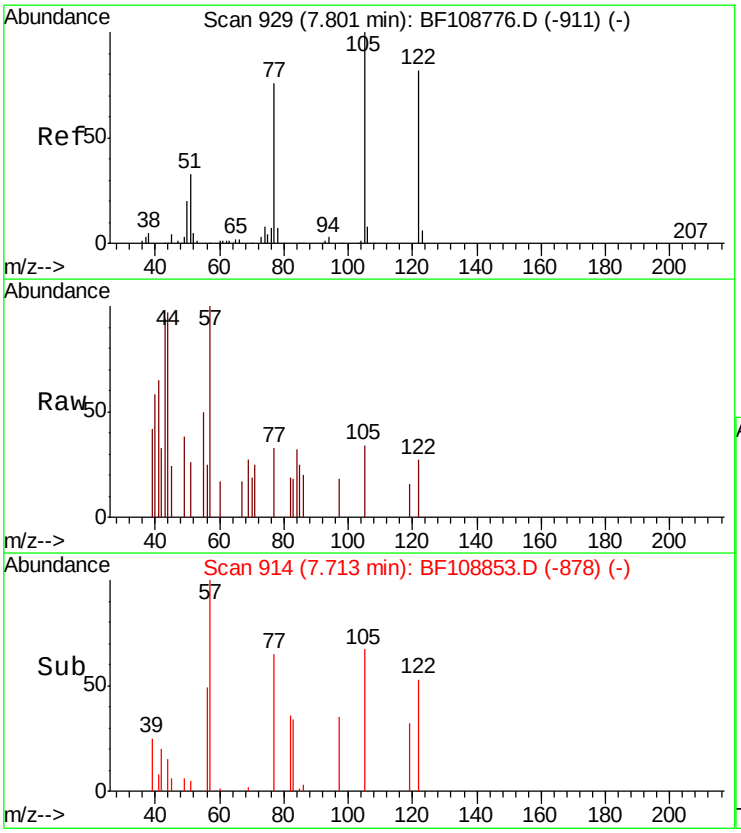
#25
Isophorone
Concen: 28.134 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.26 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 926481

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

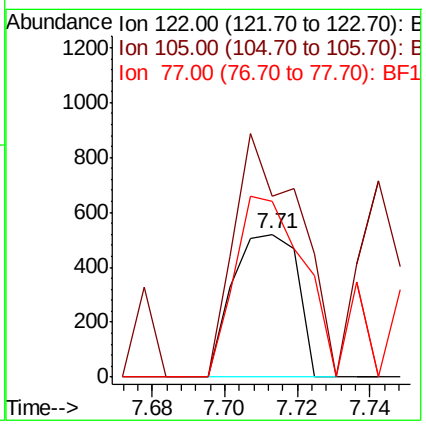


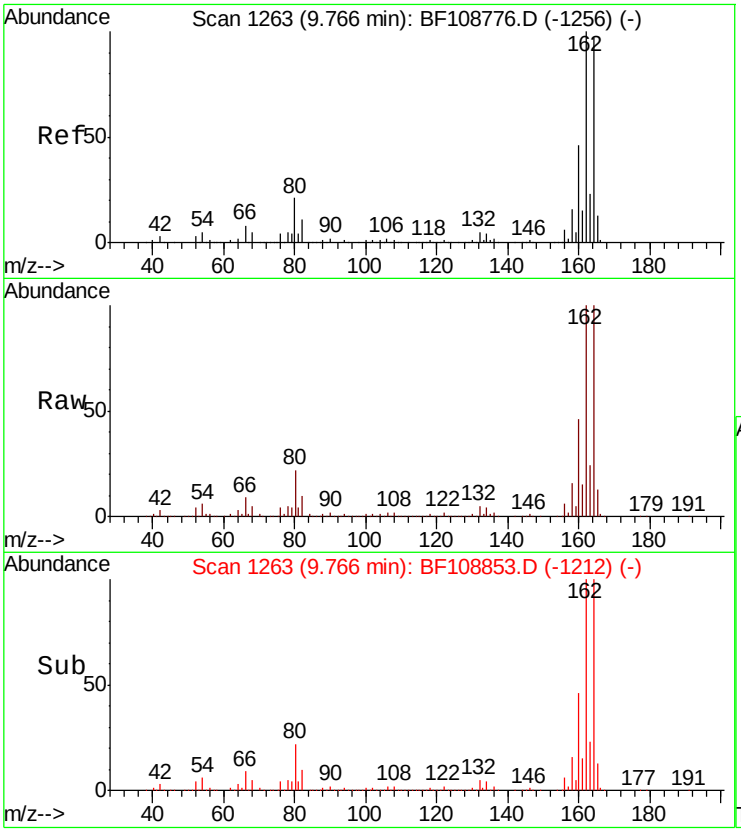


#32
Benzoic acid
Concen: 4.090 ng
RT: 7.71 min Scan# 914
Delta R.T. -0.09 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion:122 Resp: 642

Ion	Ratio	Lower	Upper
122	100		
105	126.7	101.1	141.1
77	123.0	70.7	110.7#



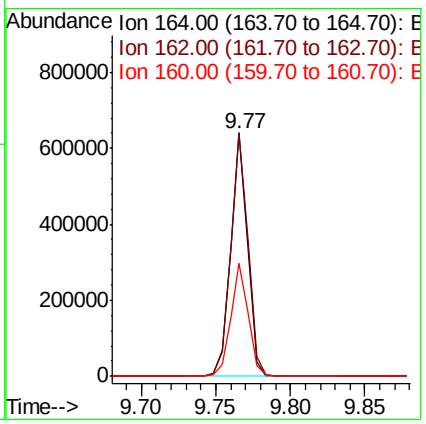


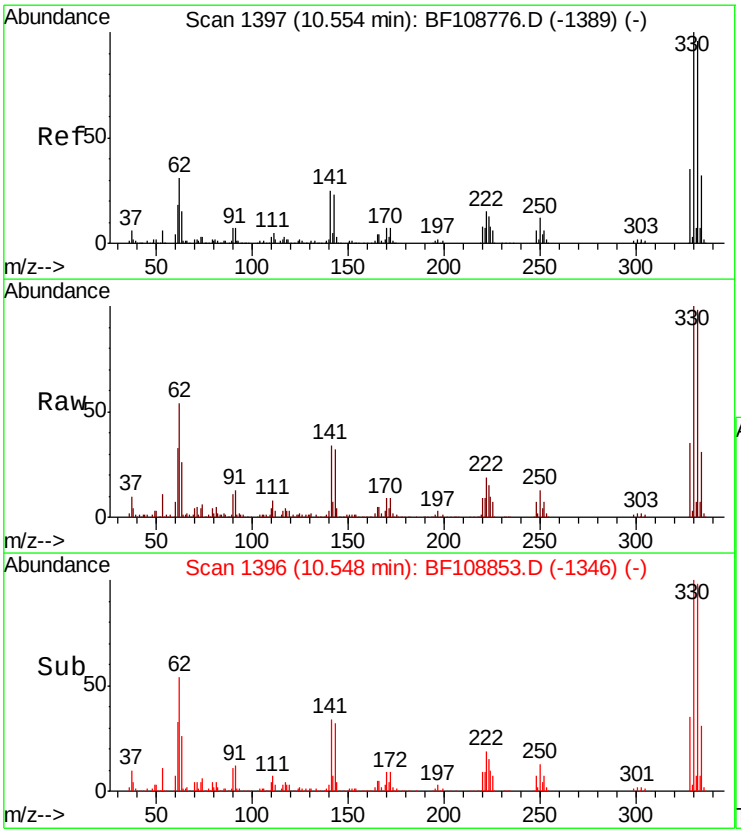
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 510592

Ion	Ratio	Lower	Upper
164	100		
162	100.1	86.1	129.1
160	46.2	38.3	57.5

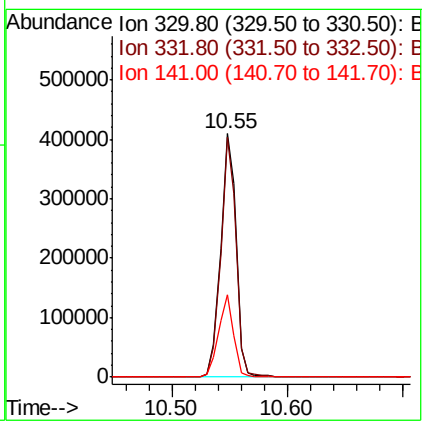


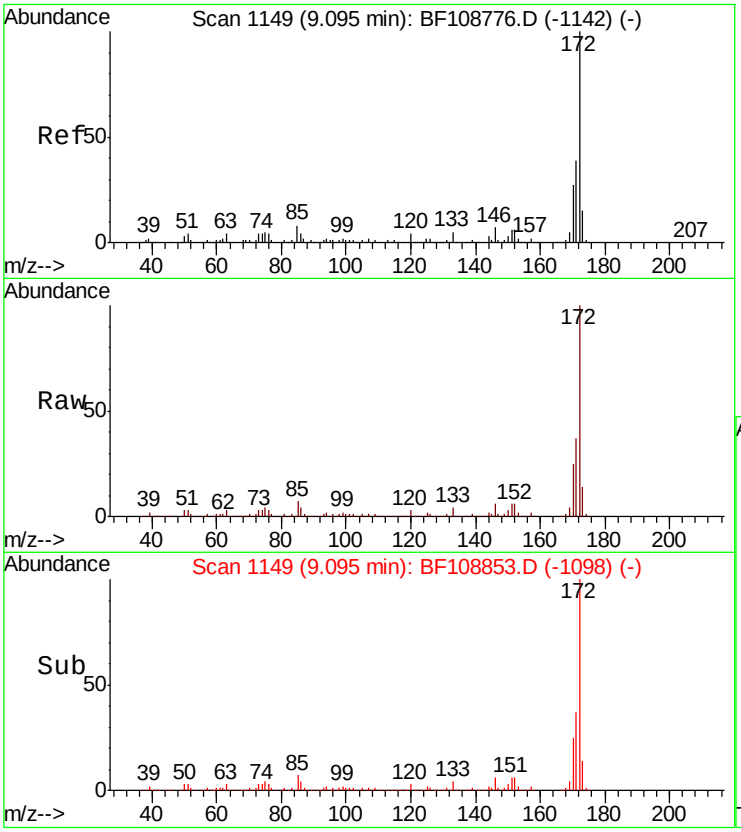


#41
2,4,6-Tribromophenol
Concen: 78.507 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion:330 Resp: 382673

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.8	29.9	44.9



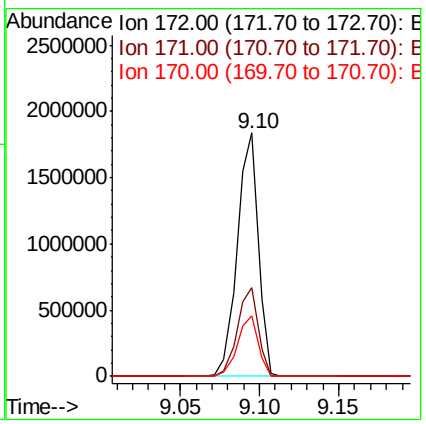


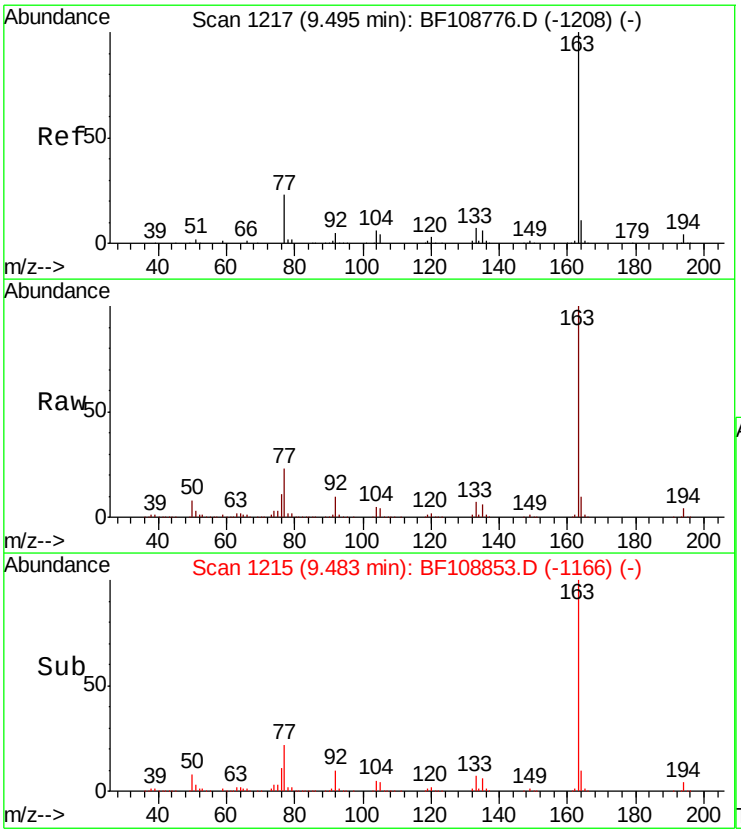
#44
2-Fluorobiphenyl
Concen: 56.380 ng
RT: 9.10 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1687424

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.9	19.6	29.4

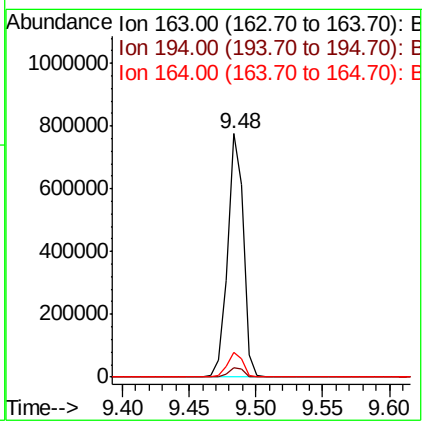


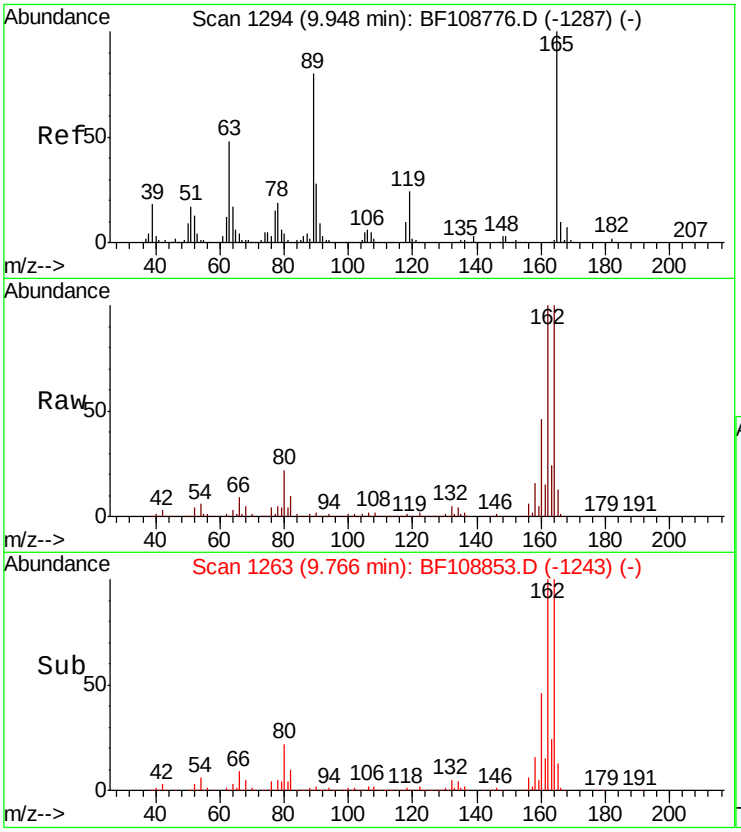


#49
Dimethylphthalate
Concen: 18.224 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion:163 Resp: 650830

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2



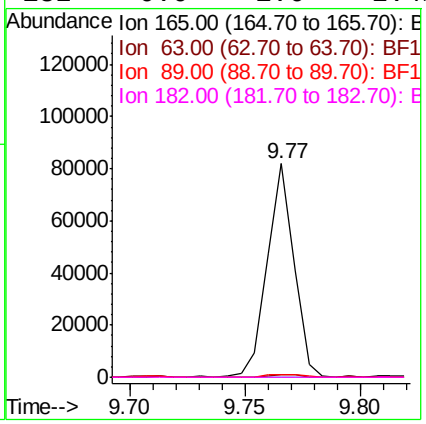


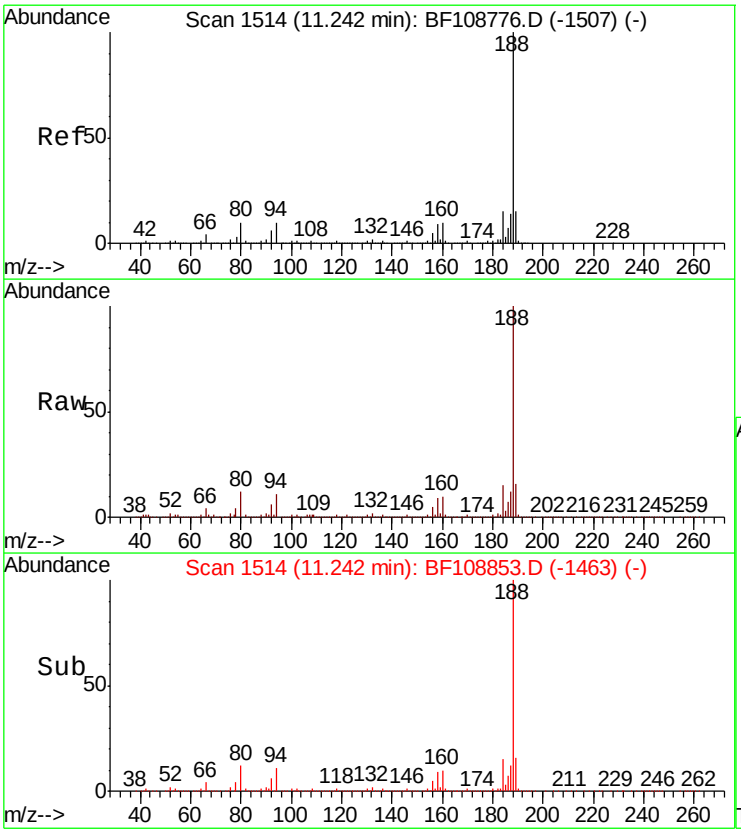
#56
2,4-Dinitrotoluene
Concen: 7.582 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 65983

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

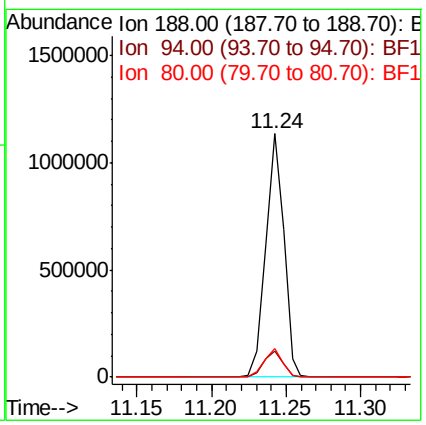


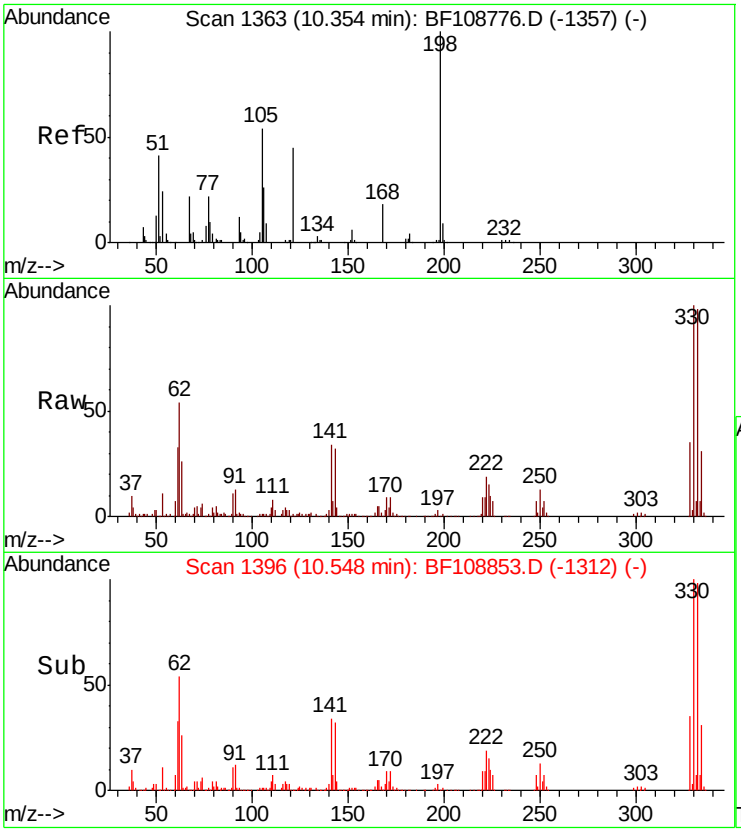


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion:188 Resp: 943086

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8



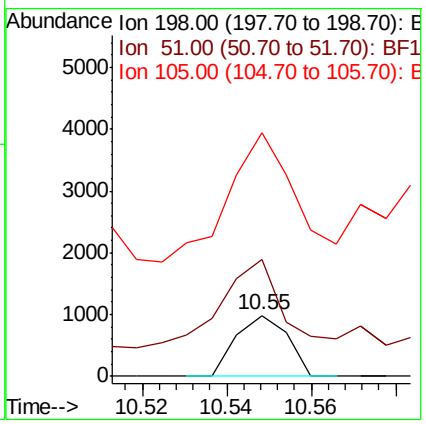


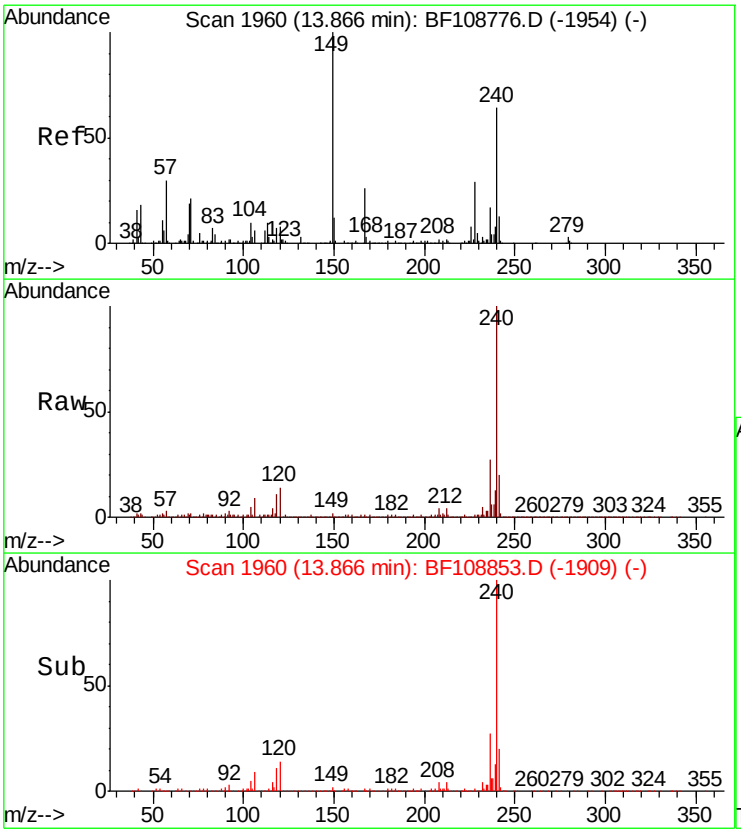
#64
4,6-Dinitro-2-methylphenol
Concen: 7.061 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 834

Ion	Ratio	Lower	Upper
198	100		
51	191.9	37.7	77.7#
105	397.7	36.3	76.3#

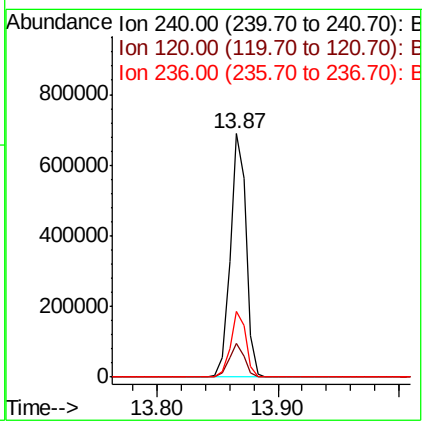


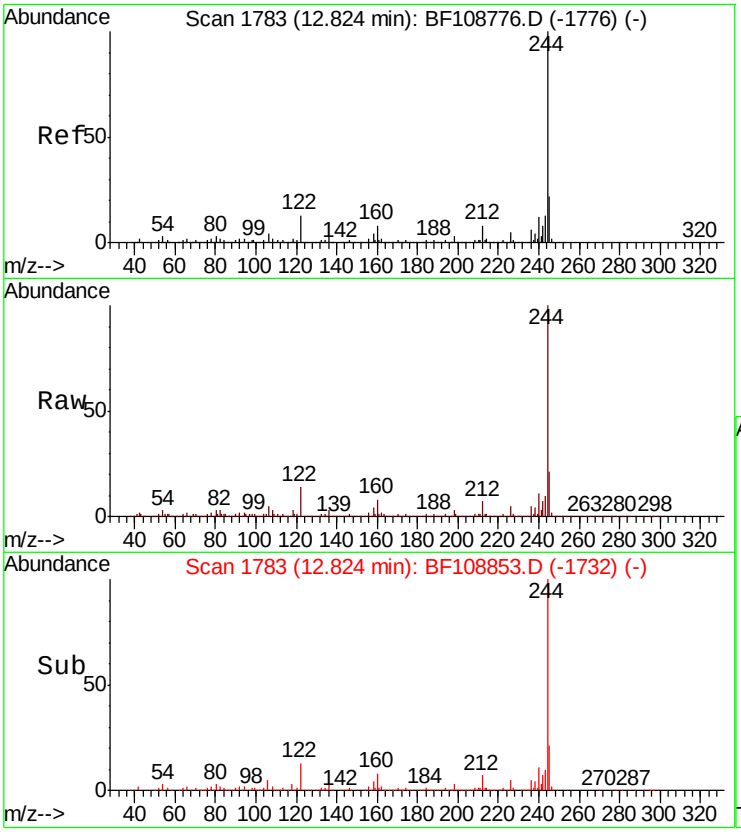


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion:240 Resp: 625107

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	27.0	20.7	31.1



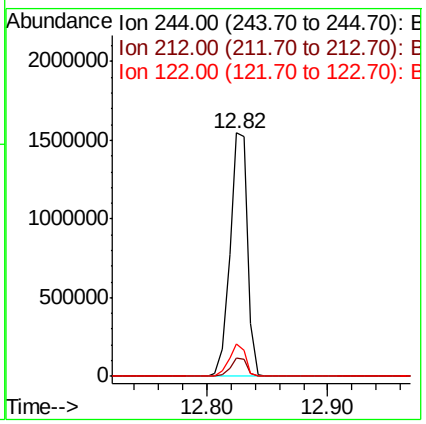


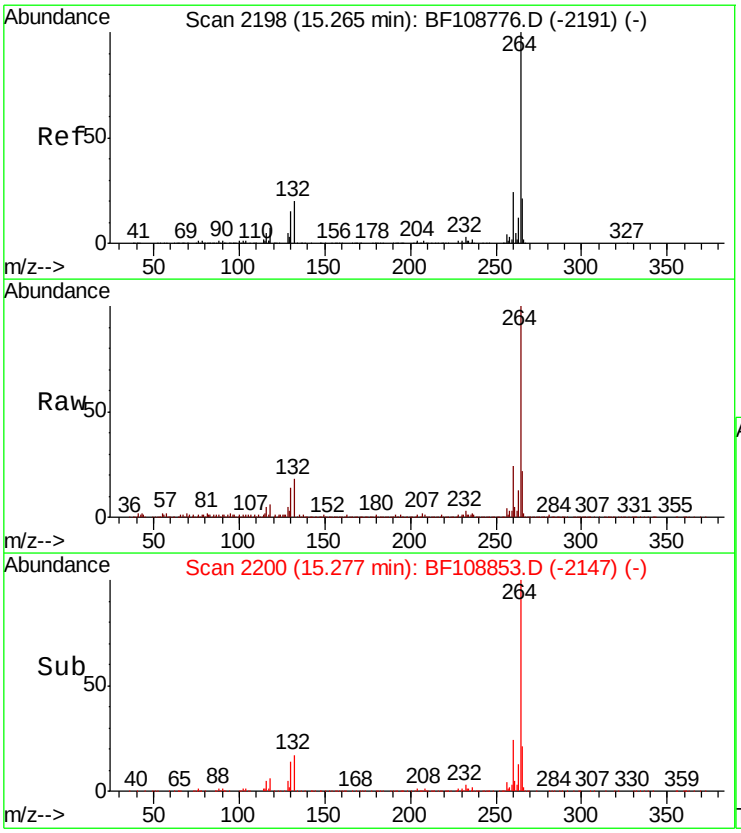
#78
Terphenyl-d14
Concen: 57.882 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1551630

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	13.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion:264 Resp: 617212

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3