Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108851.D
Acq On : 7 Sep 2018 11:01
Operator : JU/SJ
Sample : PB112638BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 07 13:19:05 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	295265	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	1129870	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	563816	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	1112390	20.00	ng	0.00
75) Chrysene-d12	13.87	240	975872	20.00	ng	0.00
86) Perylene-d12	15.28	264	822551	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1696300	95.18	ng	0.02
7) Phenol-d6	6.37	99	2239520	97.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	1399577	77.52	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	615856	114.42	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2391419	72.36	ng	0.00
78) Terphenyl-d14	12.83	244	2618527	62.57	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	191267	11.999	ng	# 77
25) Isophorone	7.30	82	1394617	38.725	ng	# 64
49) Dimethylphthalate	9.77	163	153017	3.880	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	73360	9.763	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	73360	7.634	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	1390	7.141	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	37593	2.992	ng	# 1

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

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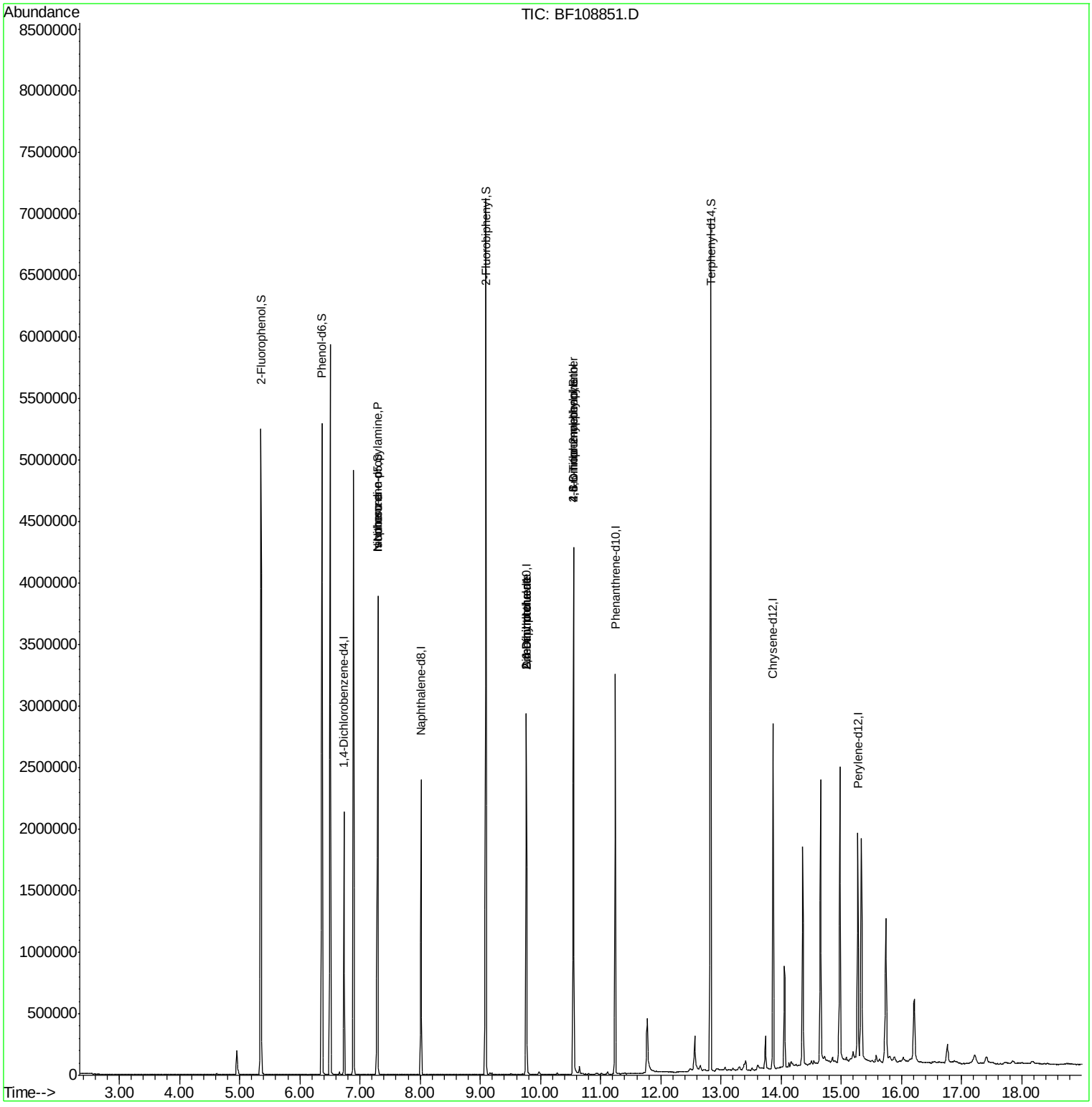
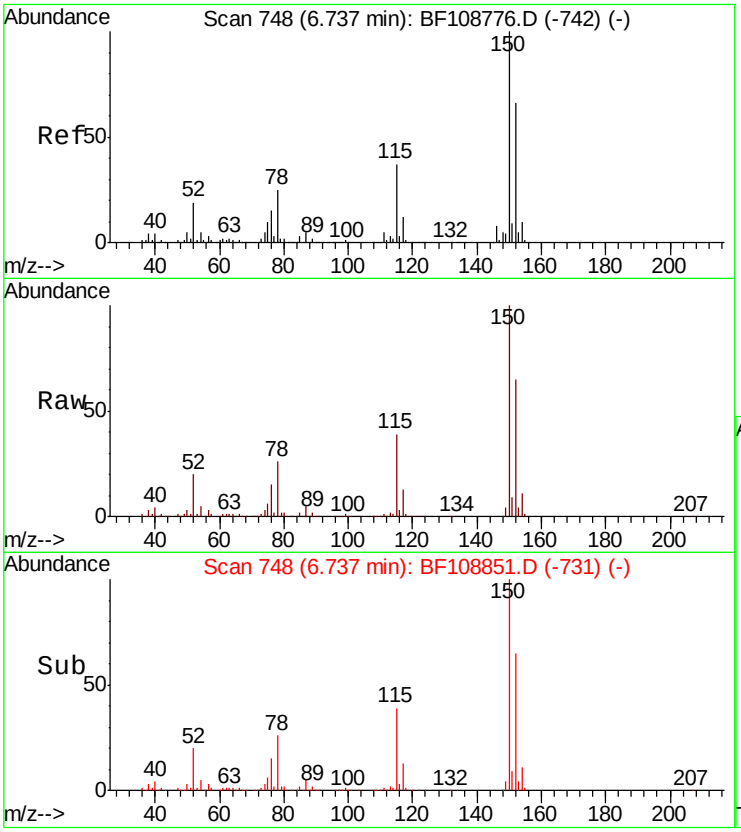


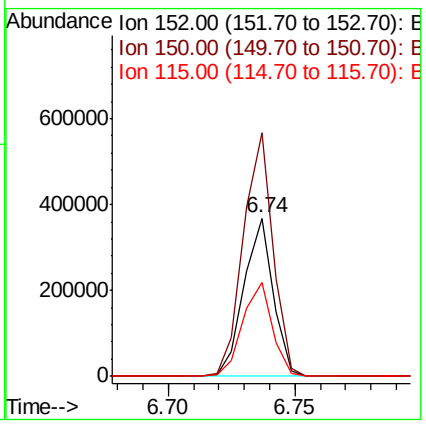


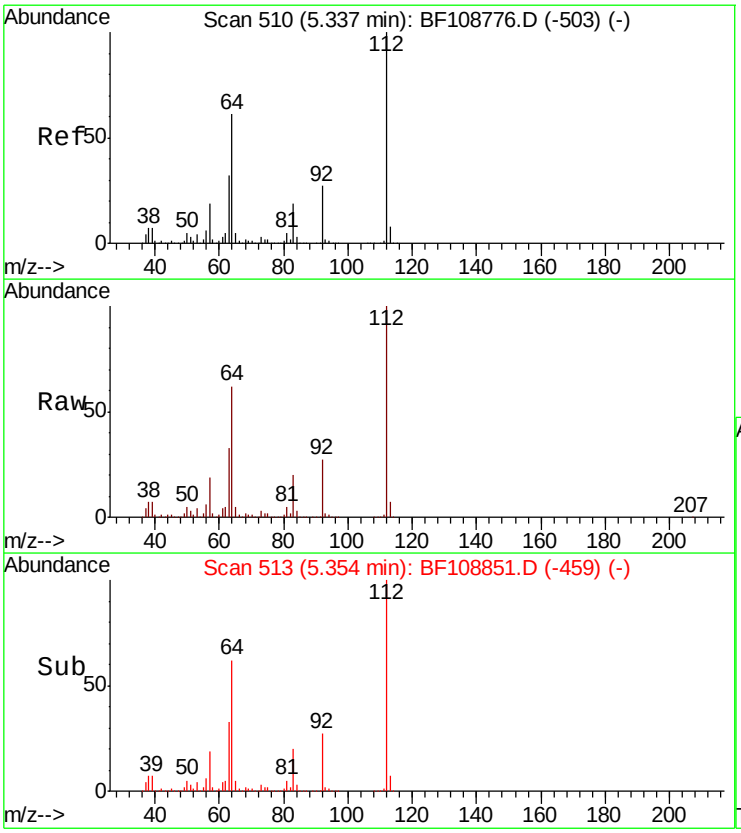
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 295265

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	59.7	50.1	75.1

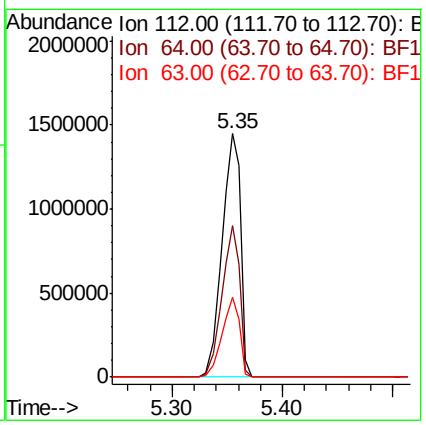


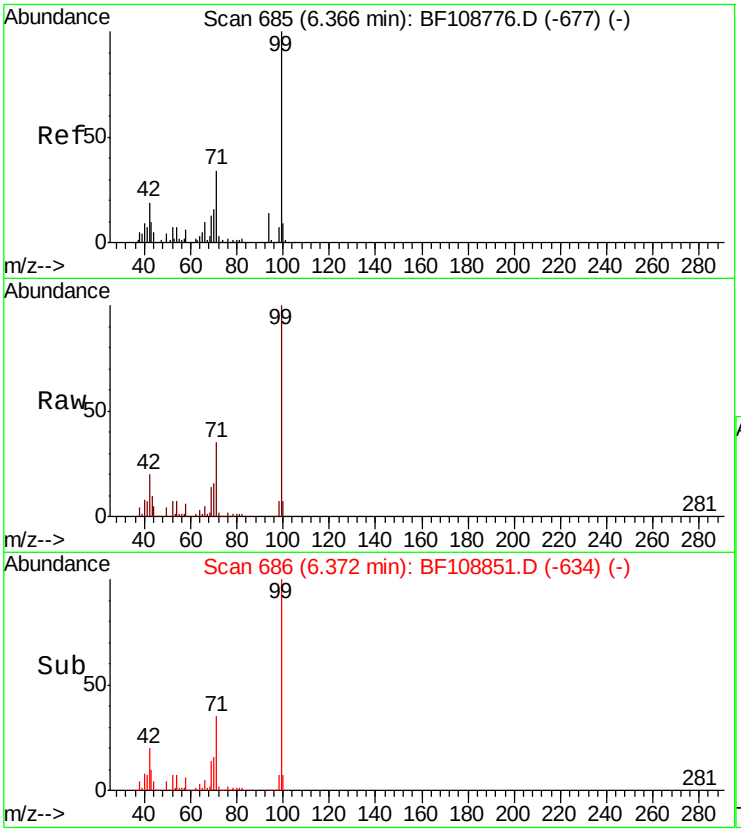


#5
2-Fluorophenol
Concen: 95.176 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion:112 Resp: 1696300

Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	32.8	23.7	35.5



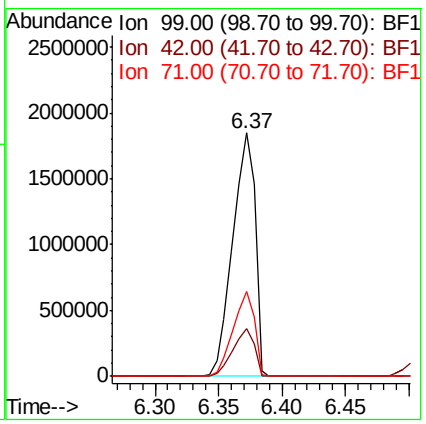


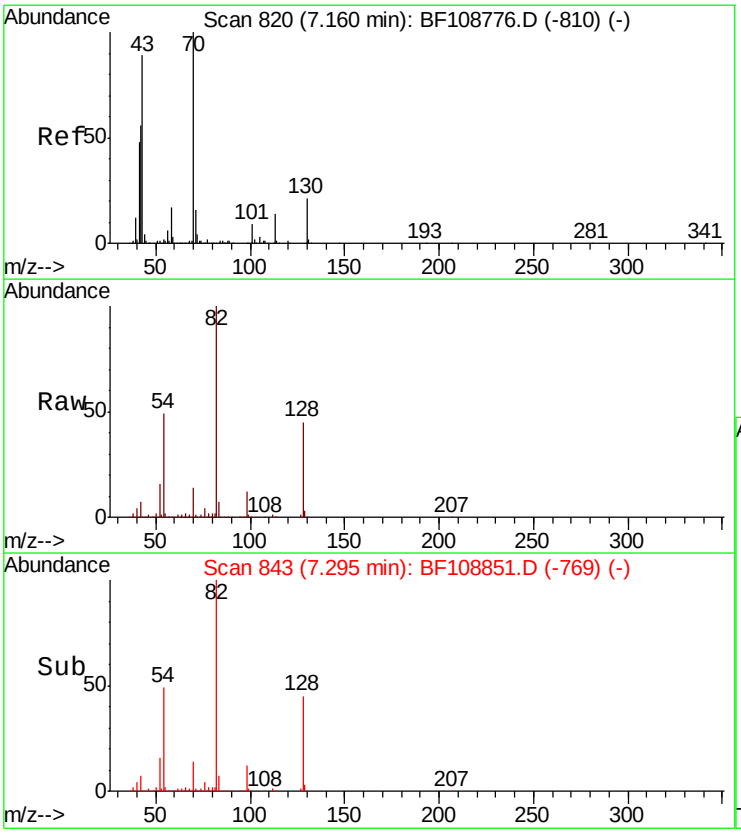
#7
Phenol-d6
Concen: 97.660 ng
RT: 6.37 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 2239520

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	34.8	25.4	38.0

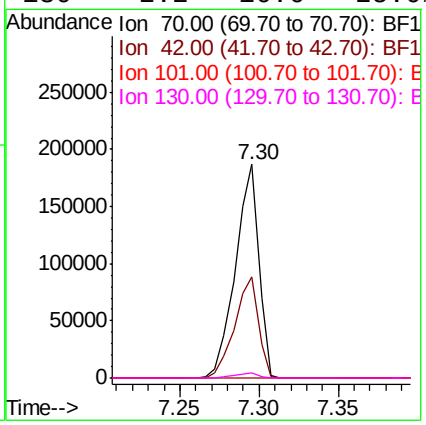


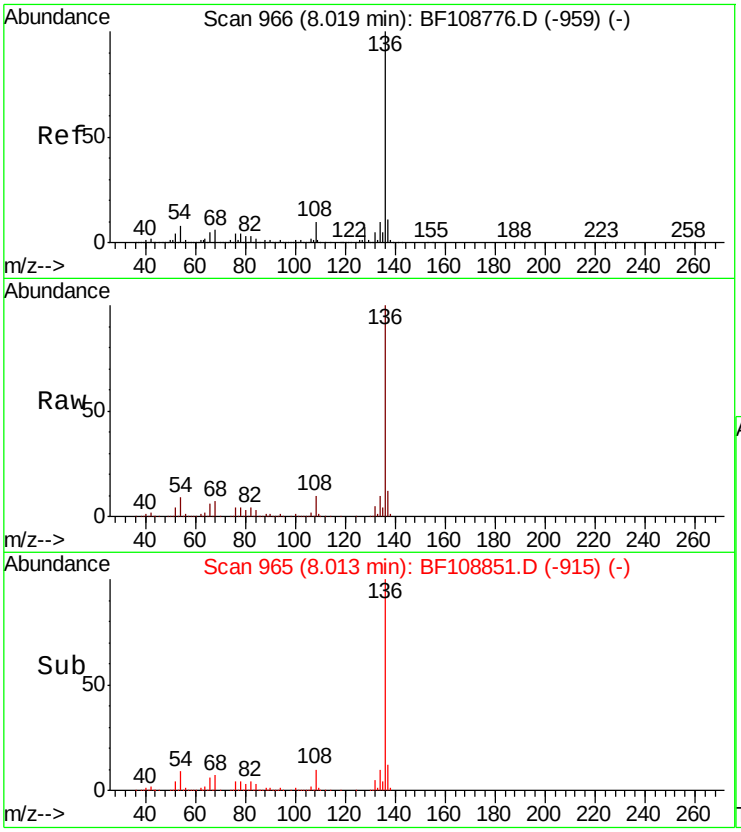


#19
n-Nitroso-di-n-propylamine
Concen: 11.999 ng
RT: 7.30 min Scan# 843
Delta R.T. 0.14 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion: 70 Resp: 191267

Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



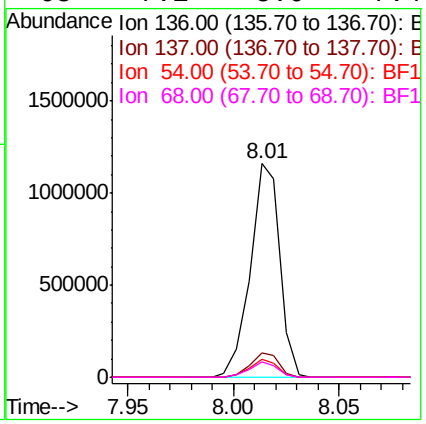


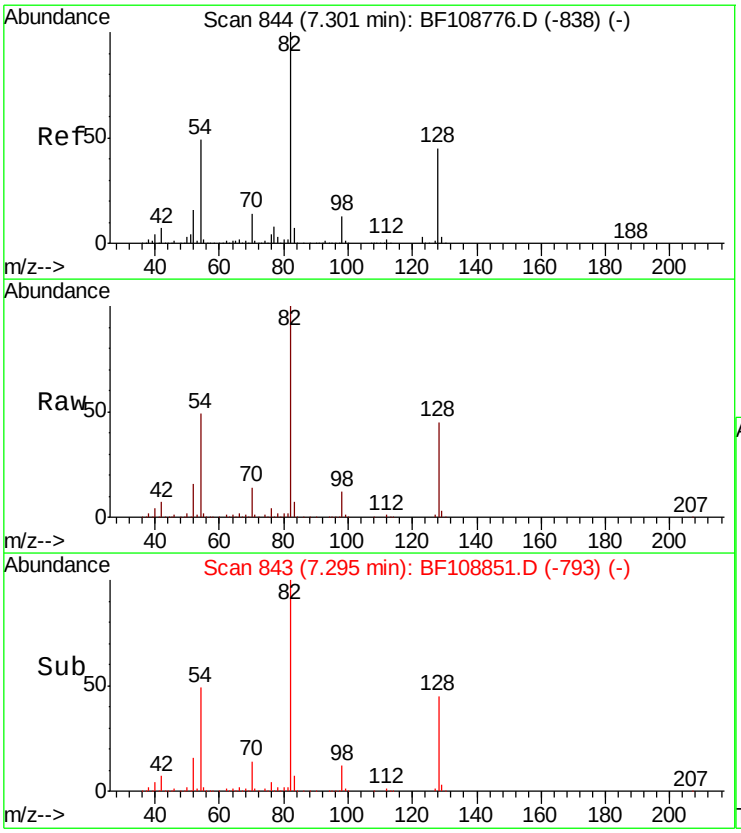
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 1129870

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.6	6.6	9.8
68	7.1	5.0	7.4

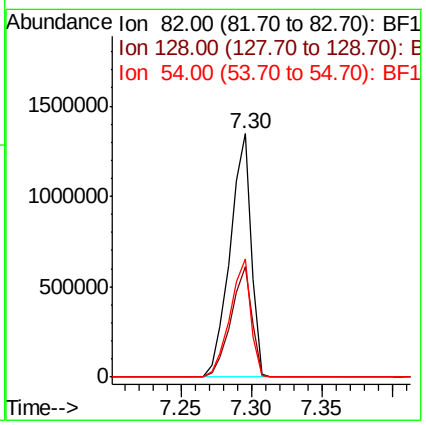


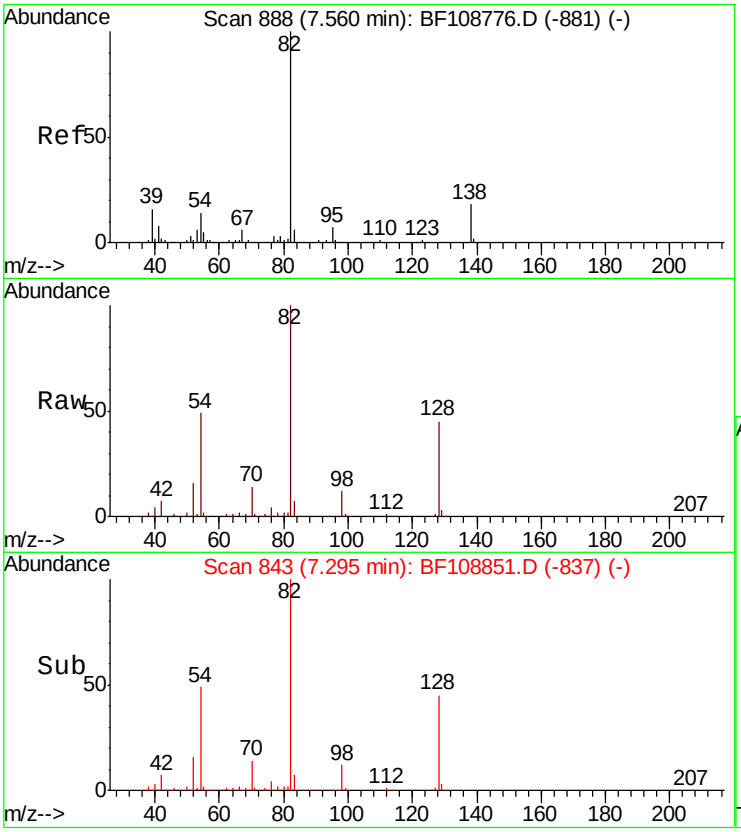


#23
Nitrobenzene-d5
Concen: 77.519 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion: 82 Resp: 1399577

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	48.7	41.4	62.2



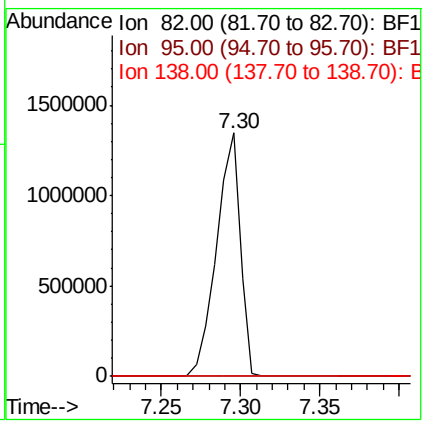


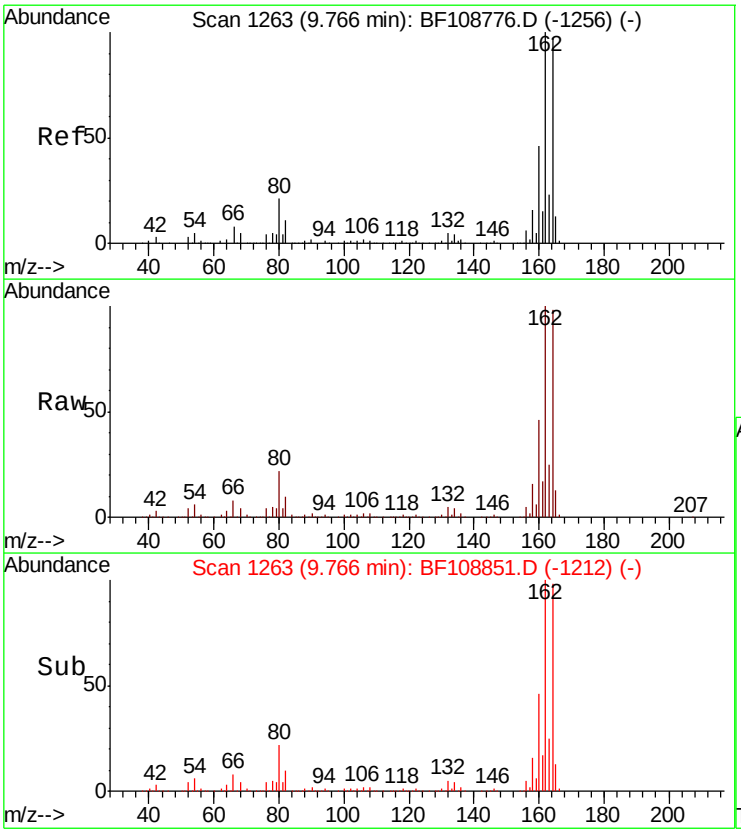
#25
Isophorone
Concen: 38.725 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.26 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 1394617

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

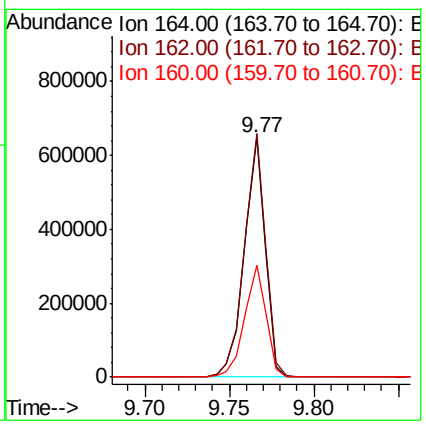


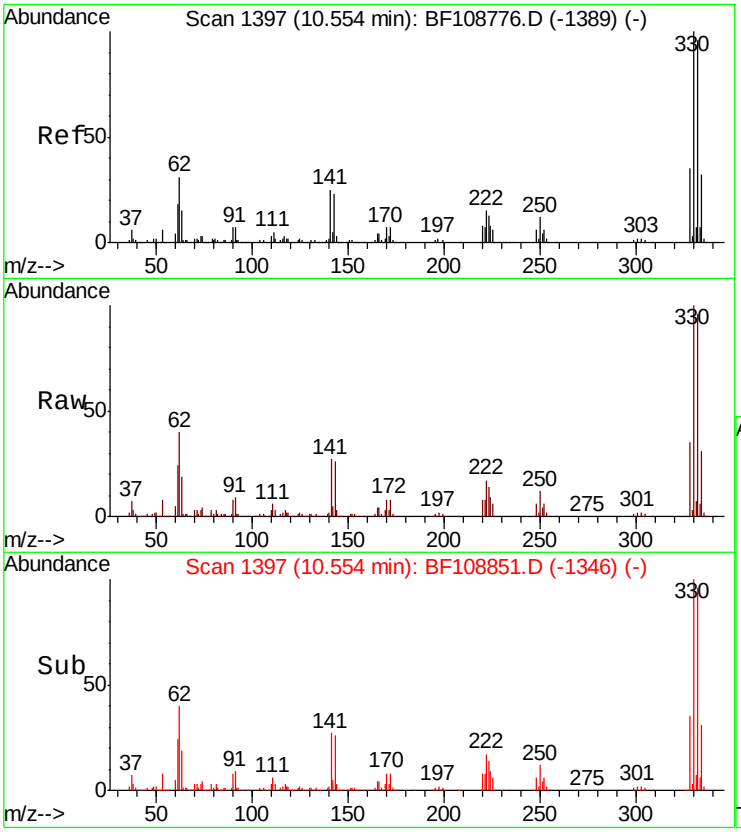


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion:164 Resp: 563816

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	46.9	38.3	57.5



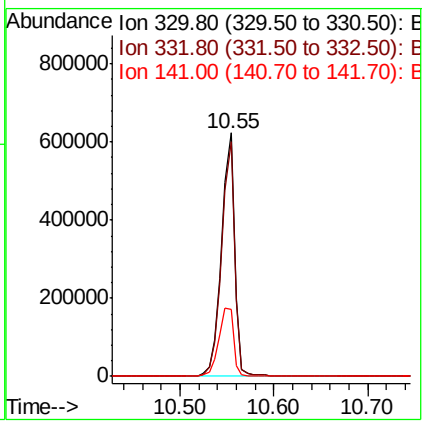


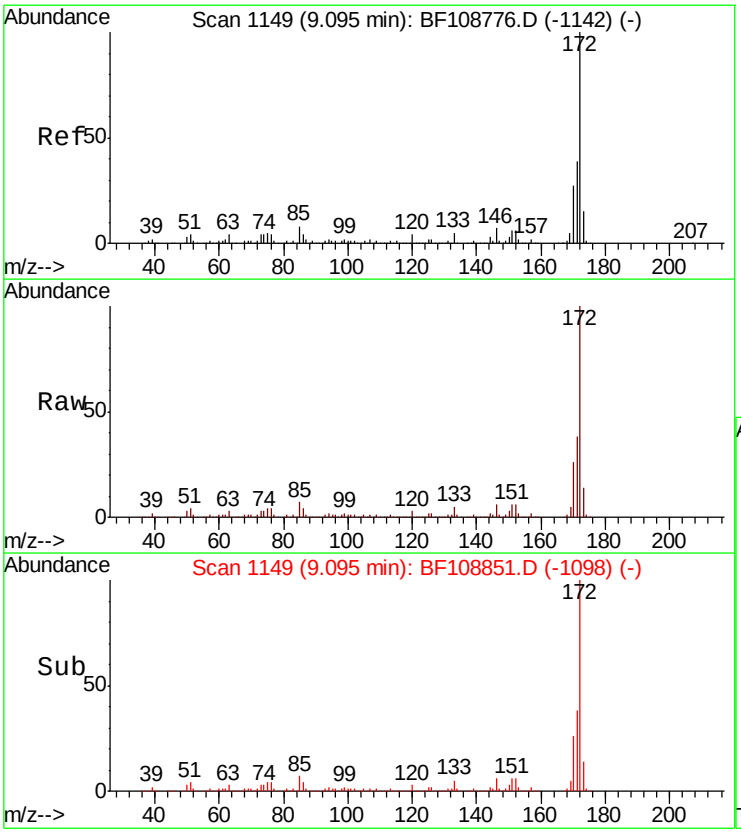
#41
2,4,6-Tribromophenol
Concen: 114.419 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 615856

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.6	29.9	44.9

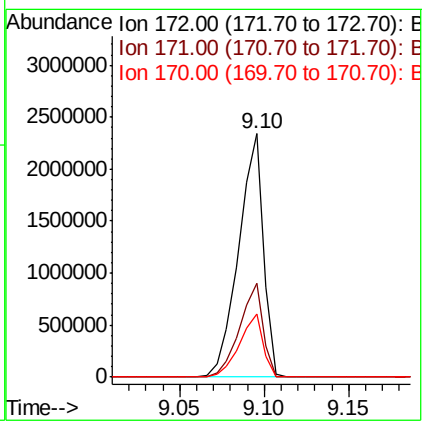


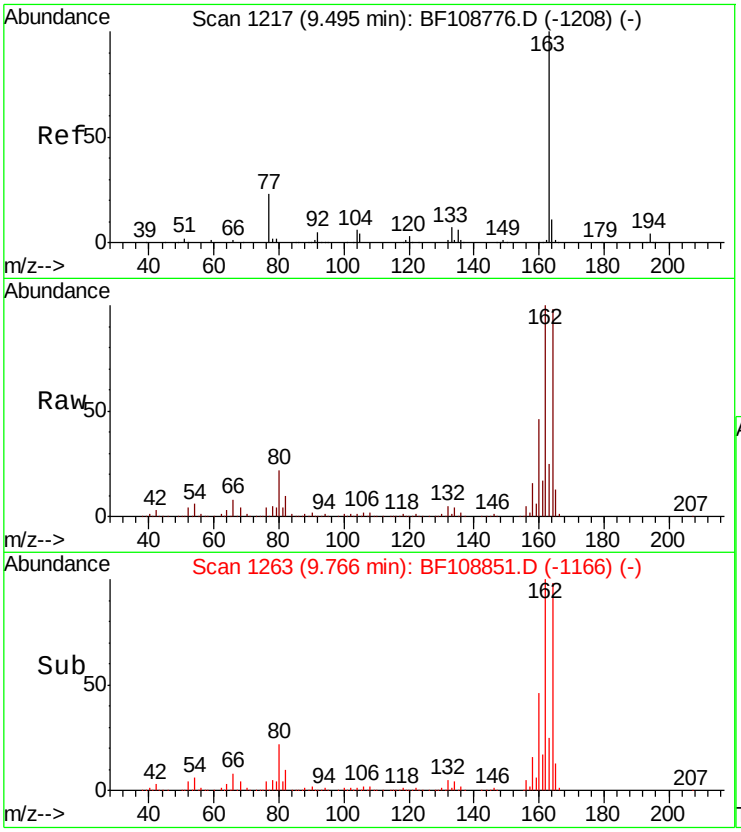


#44
2-Fluorobiphenyl
Concen: 72.359 ng
RT: 9.10 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion:172 Resp: 2391419

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	26.2	19.6	29.4



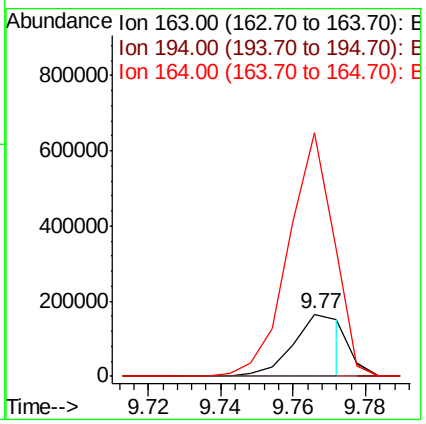


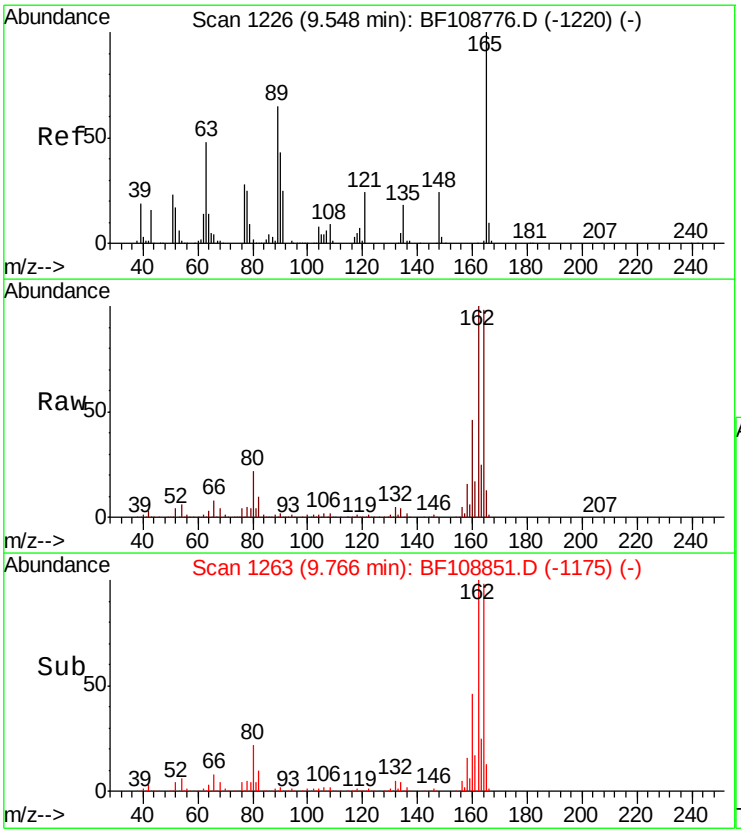
#49
Dimethylphthalate
Concen: 3.880 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.27 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 153017

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	392.2	8.2	12.2#

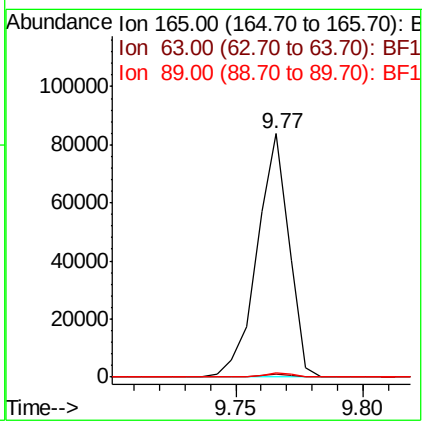


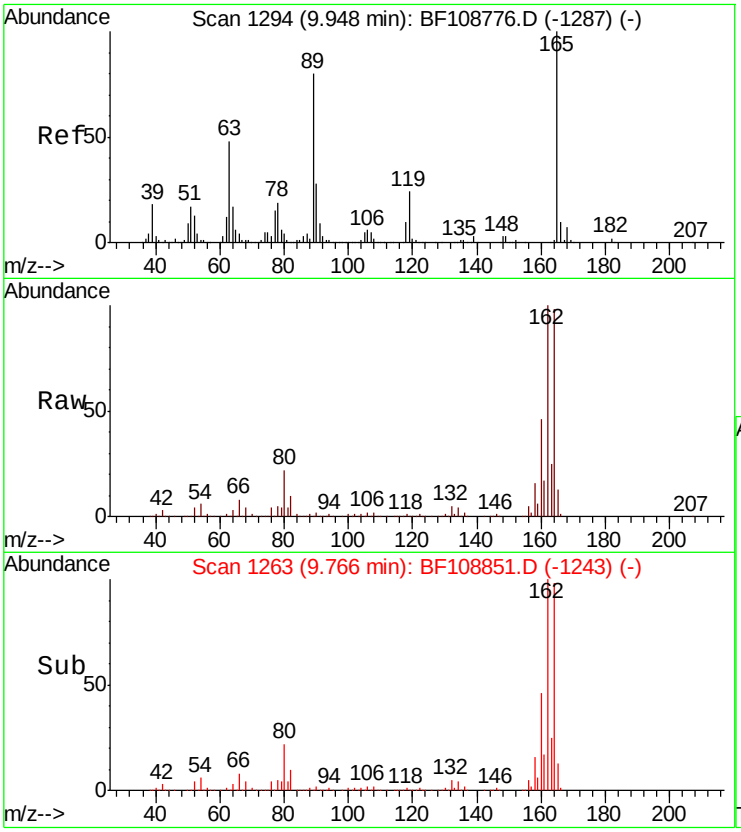


#50
2,6-Dinitrotoluene
Concen: 9.763 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion:165 Resp: 73360

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.5	44.0	66.0#



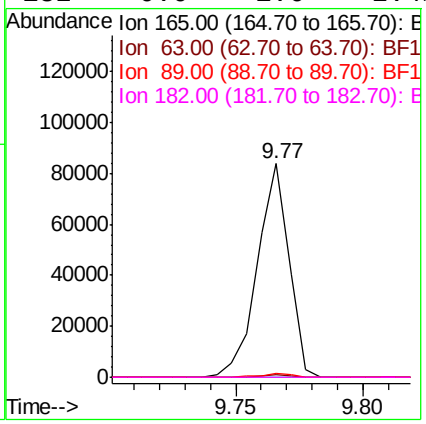


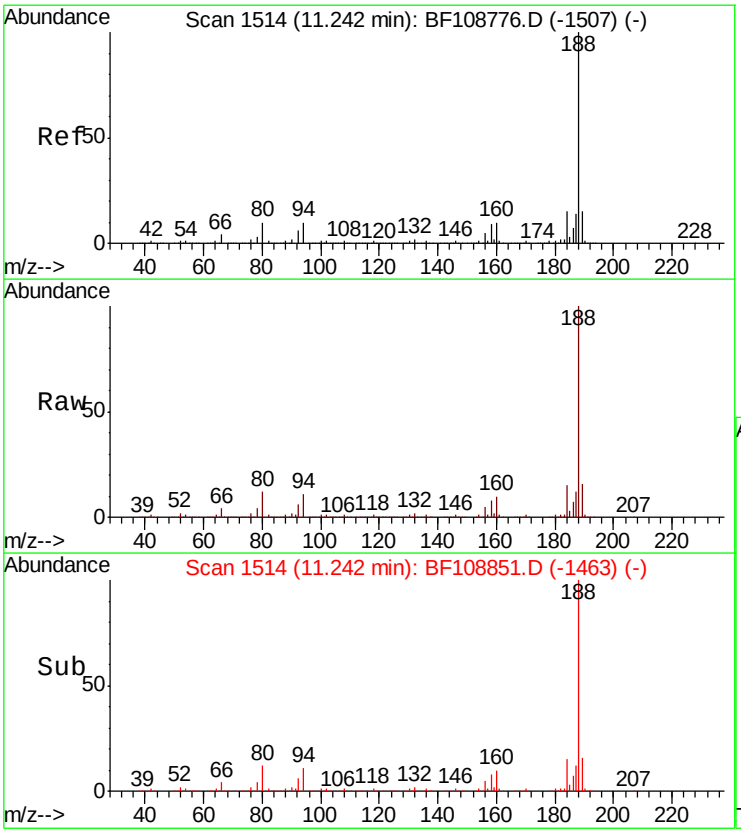
#56
2,4-Dinitrotoluene
Concen: 7.634 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 73360

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

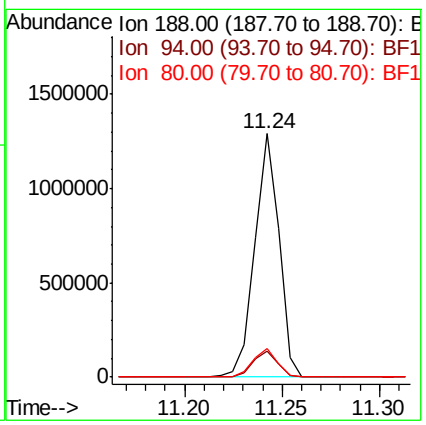


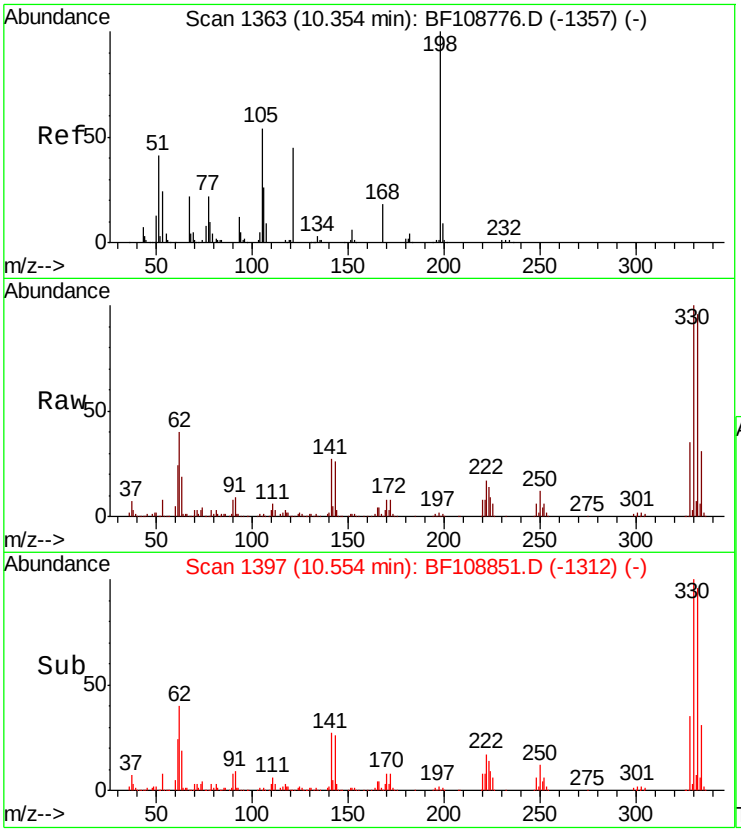


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion:188 Resp: 1112390

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.7	9.2	13.8



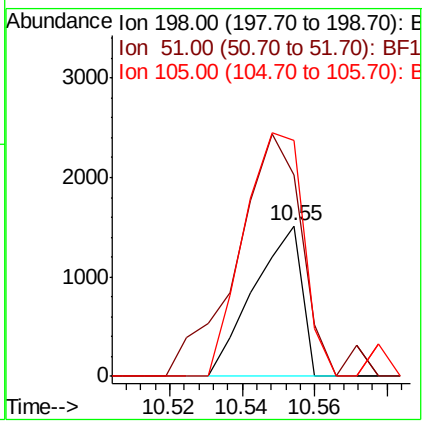


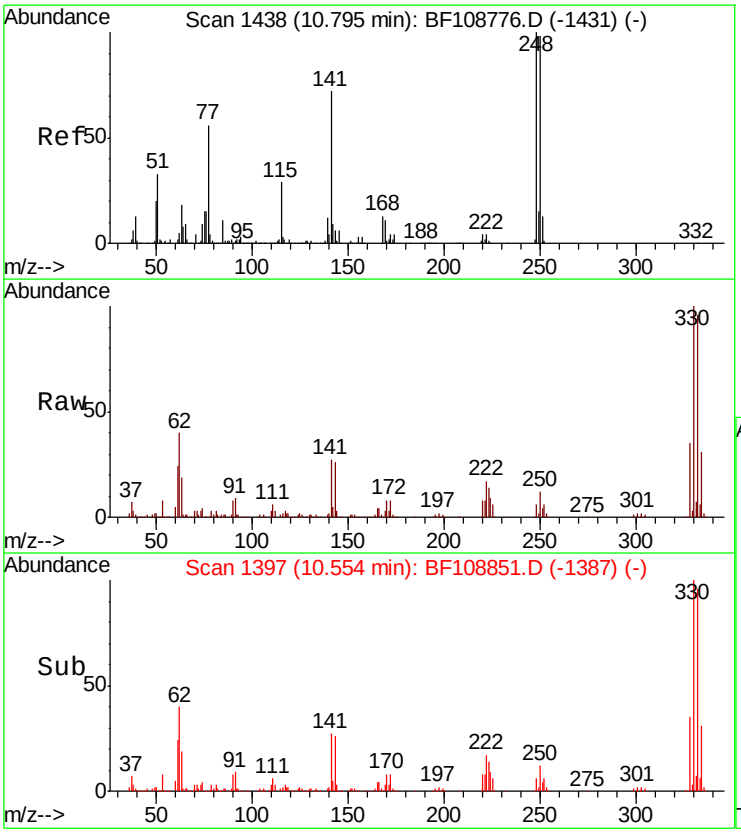
#64
4,6-Dinitro-2-methylphenol
Concen: 7.141 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.20 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1390

Ion	Ratio	Lower	Upper
198	100		
51	134.1	37.7	77.7#
105	157.1	36.3	76.3#

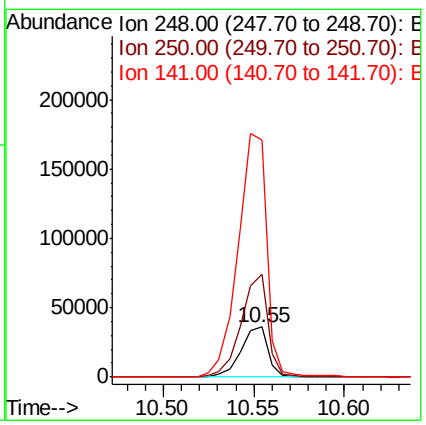


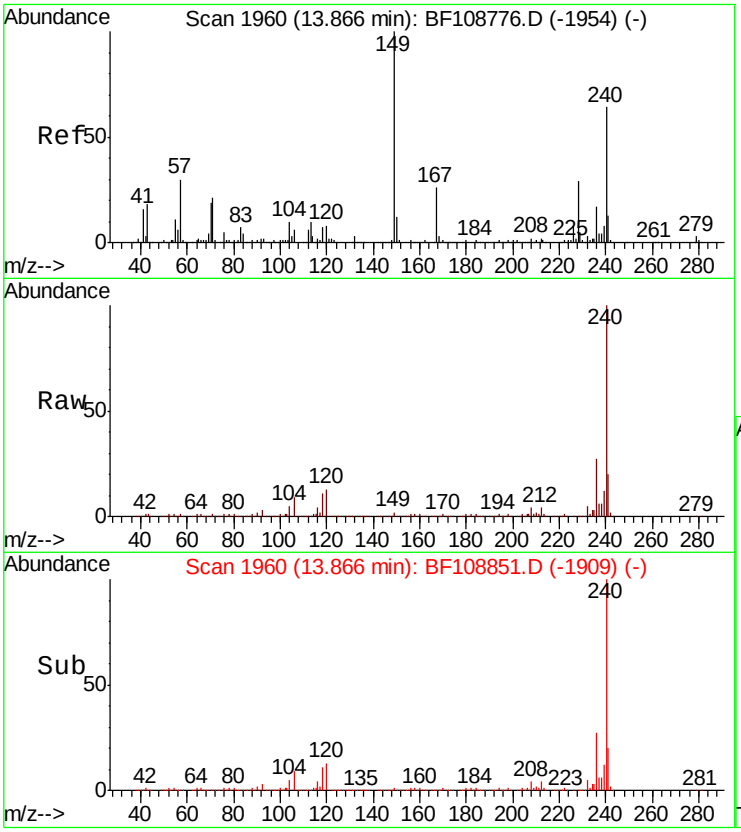


#66
4-Bromophenyl-phenylether
Concen: 2.992 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion:248 Resp: 37593

Ion	Ratio	Lower	Upper
248	100		
250	205.4	76.9	115.3#
141	471.1	74.4	111.6#



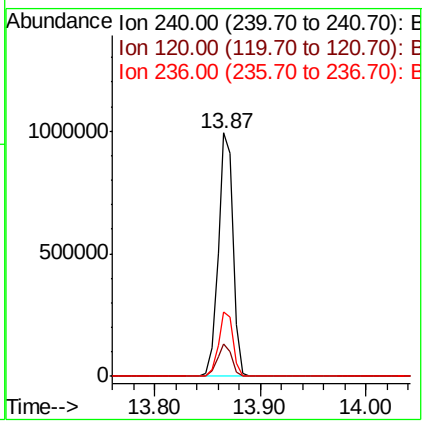


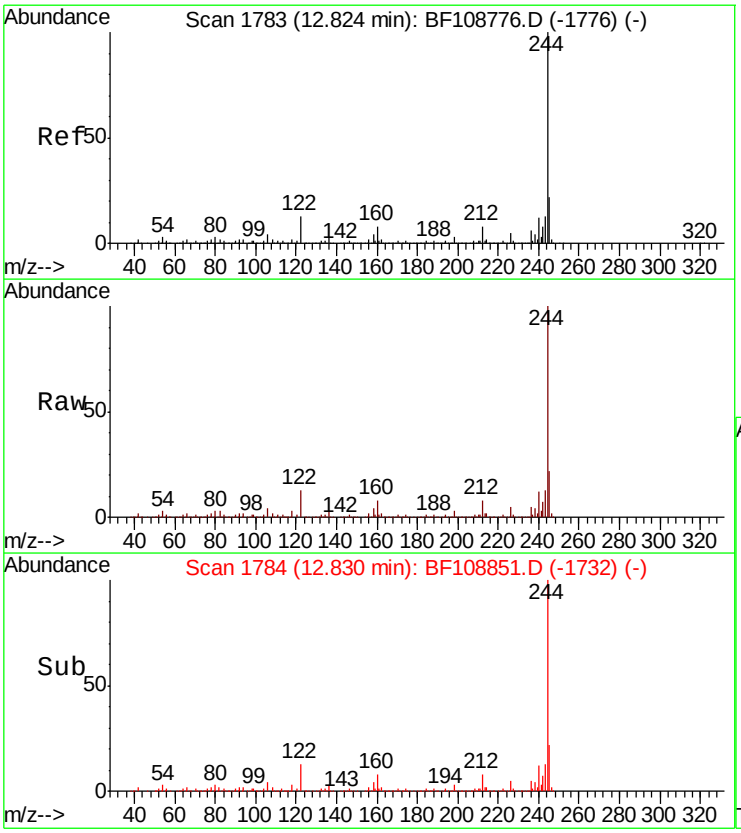
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 975872

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	26.6	20.7	31.1

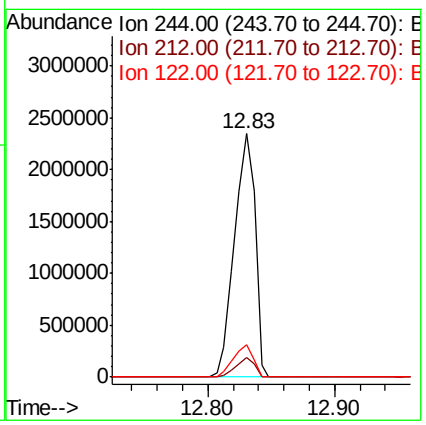


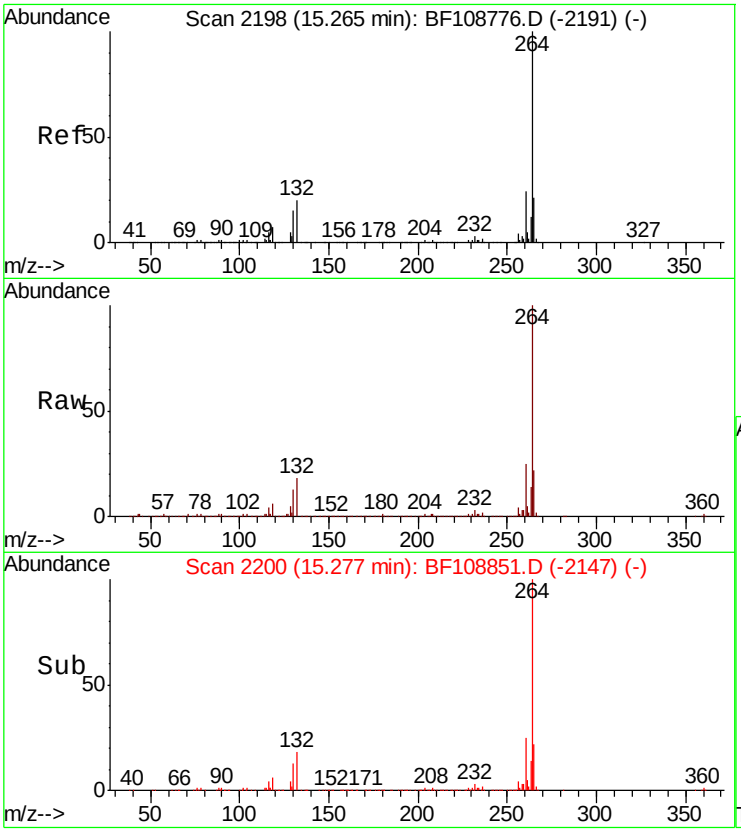


#78
Terphenyl-d14
Concen: 62.571 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion:244 Resp: 2618527

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.4	8.0
122	13.2	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: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 822551

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	17.5	26.3