Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103902.D
Acq On : 24 Mar 2018 1:48
Operator : JU/SJ
Sample : J2012-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 24 03:14:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130599	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	494695	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	201555	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	317171	20.00	ng	0.00
75) Chrysene-d12	14.16	240	266298	20.00	ng	0.00
86) Perylene-d12	15.72	264	194648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	343503	40.01	ng	0.00
7) Phenol-d6	6.59	99	277315	26.40	ng	-0.01
23) Nitrobenzene-d5	7.54	82	731356	103.10	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	159945	92.29	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1261591	99.85	ng	0.00
78) Terphenyl-d14	13.10	244	989022	86.21	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	93565	13.898	ng	# 72
25) Isophorone	7.54	82	731342	44.535	ng	# 64
47) 2-Nitroaniline	9.33	65	1740	7.242	ng	# 1
50) 2,6-Dinitrotoluene	10.02	165	25644	11.889	ng	# 25
56) 2,4-Dinitrotoluene	10.02	165	25644	12.137	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	244	8.347	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	9240	2.837	ng	# 1

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

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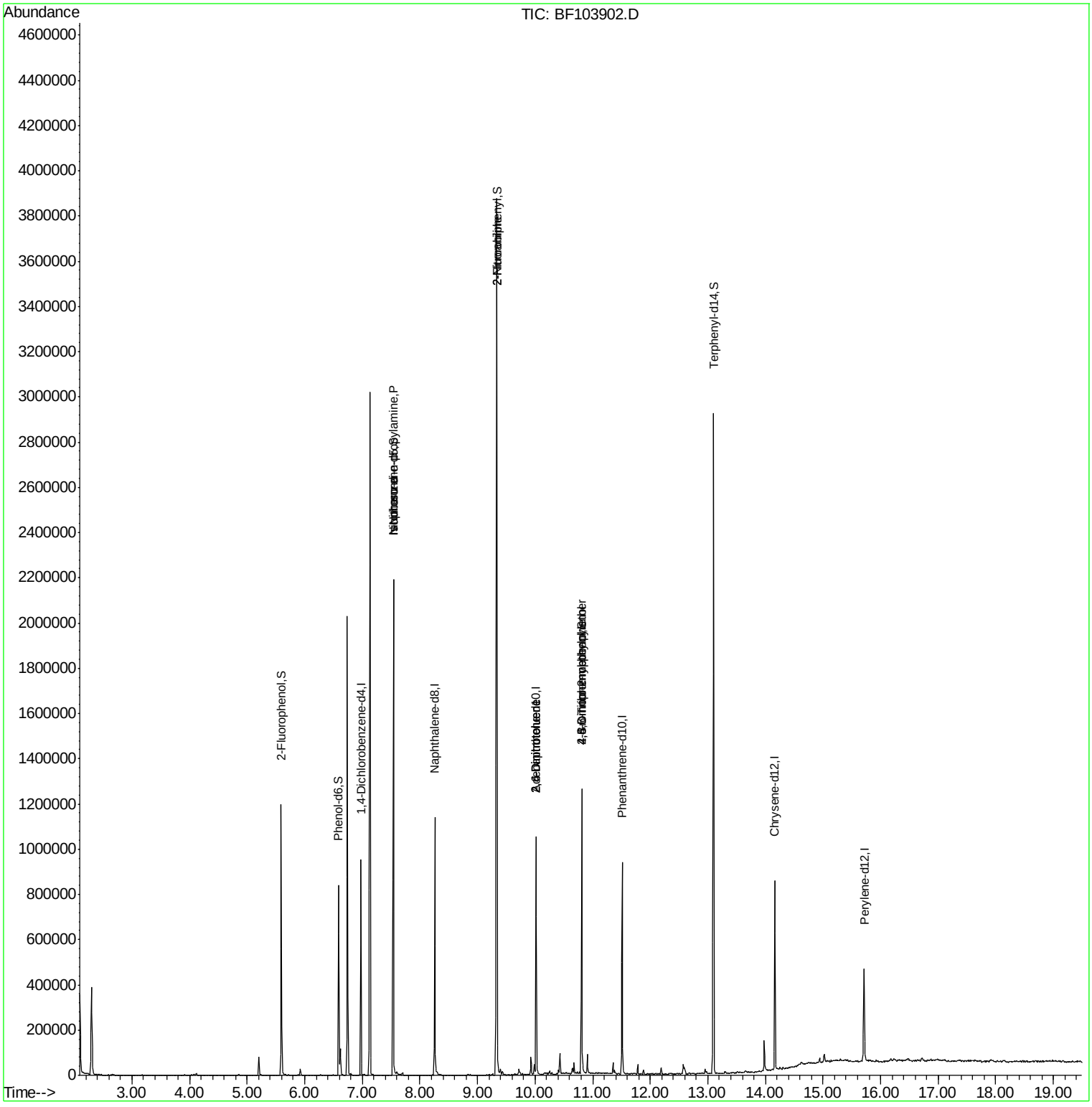
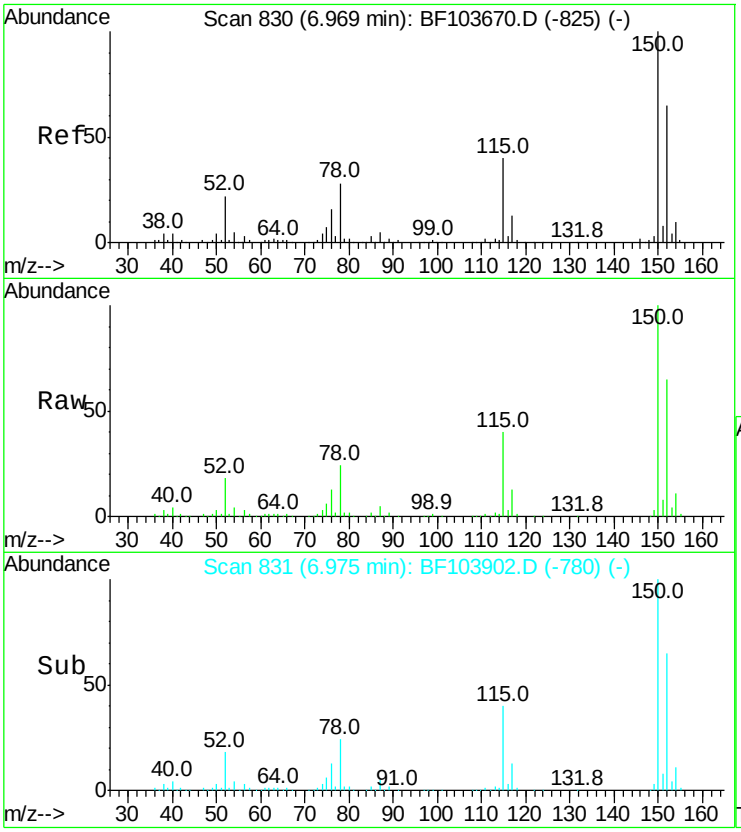


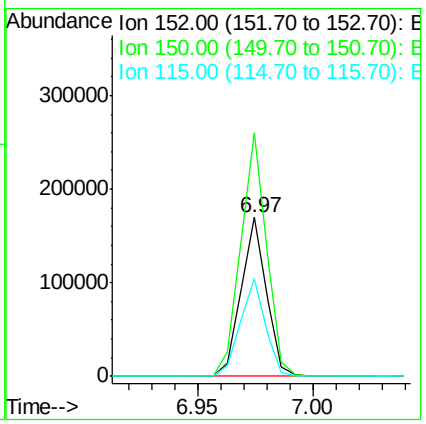


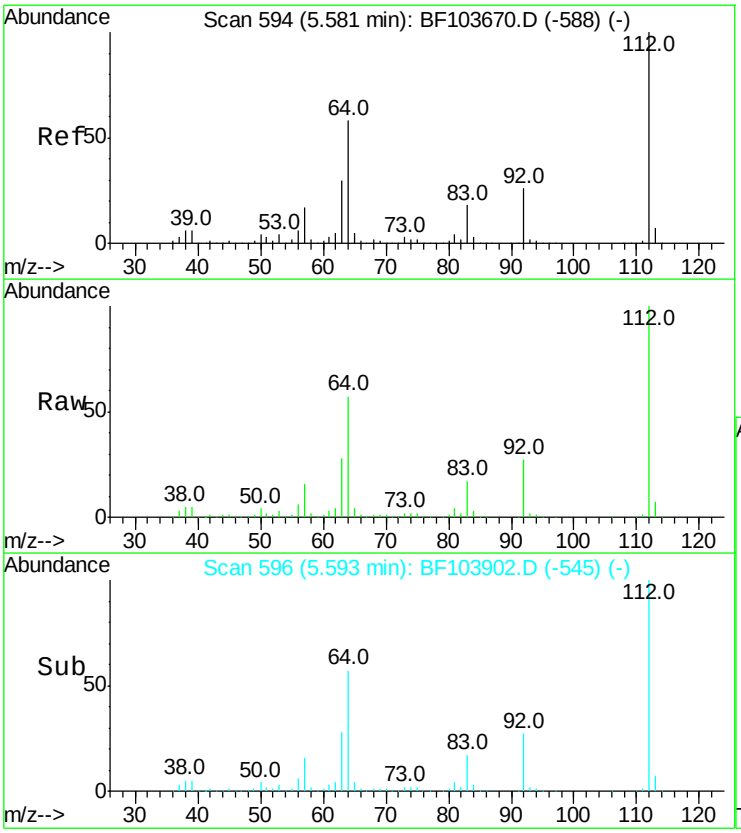
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130599

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	61.7	50.1	75.1

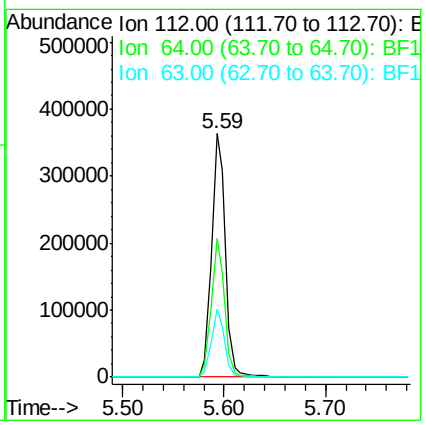


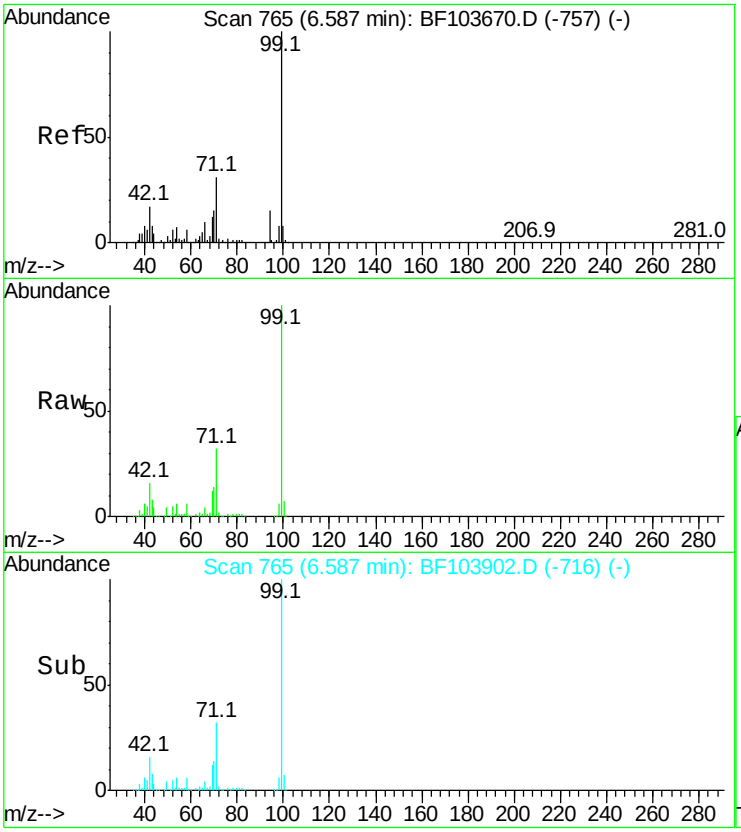


#5
2-Fluorophenol
Concen: 40.005 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion:112 Resp: 343503

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	28.0	23.7	35.5



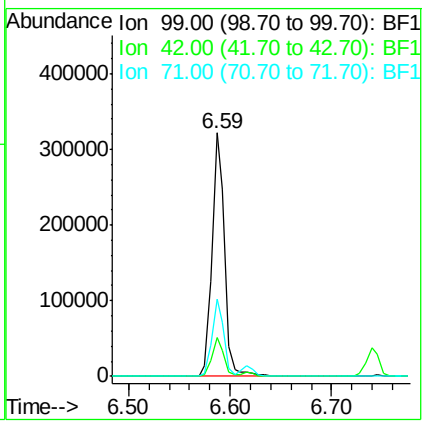


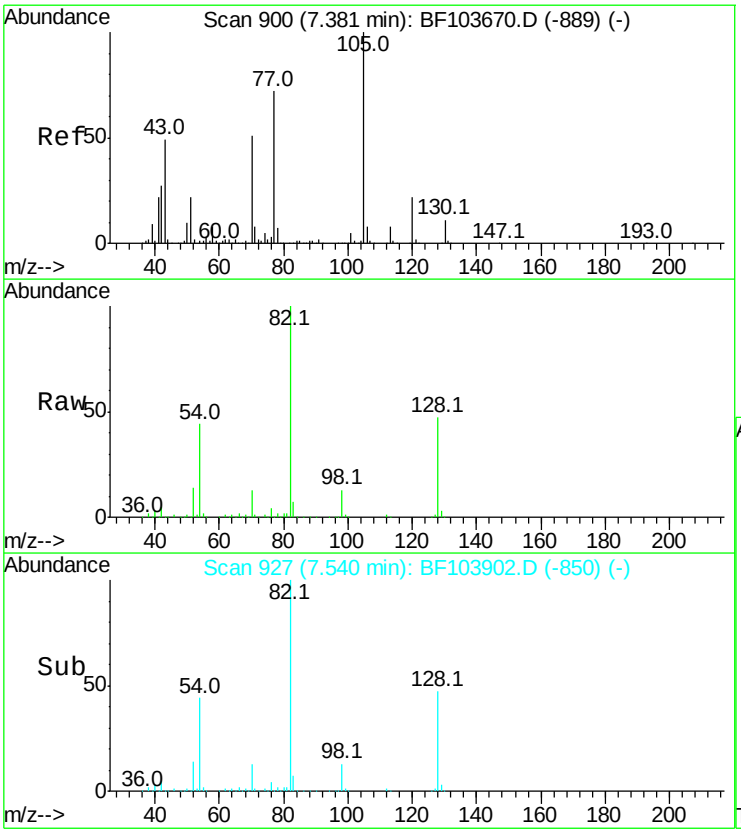
#7
Phenol-d6
Concen: 26.399 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 277315

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	31.5	25.4	38.0

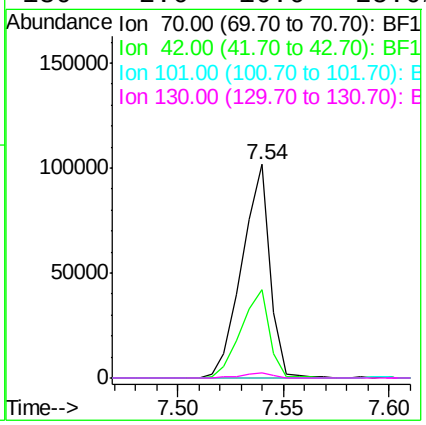


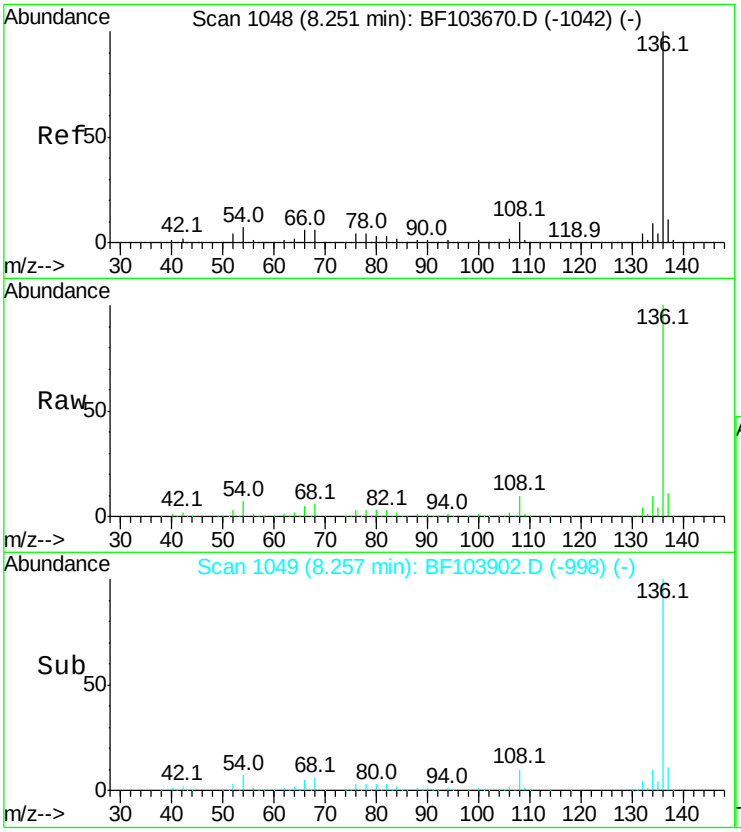


#19
n-Nitroso-di-n-propylamine
Concen: 13.898 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion: 70 Resp: 93565

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



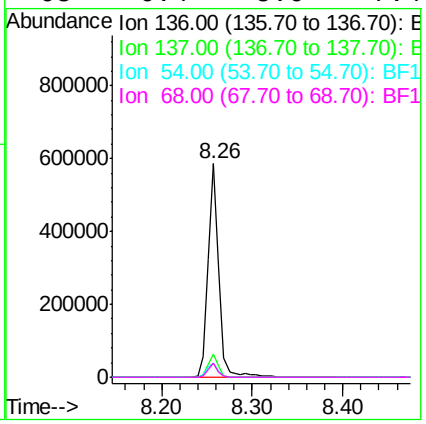


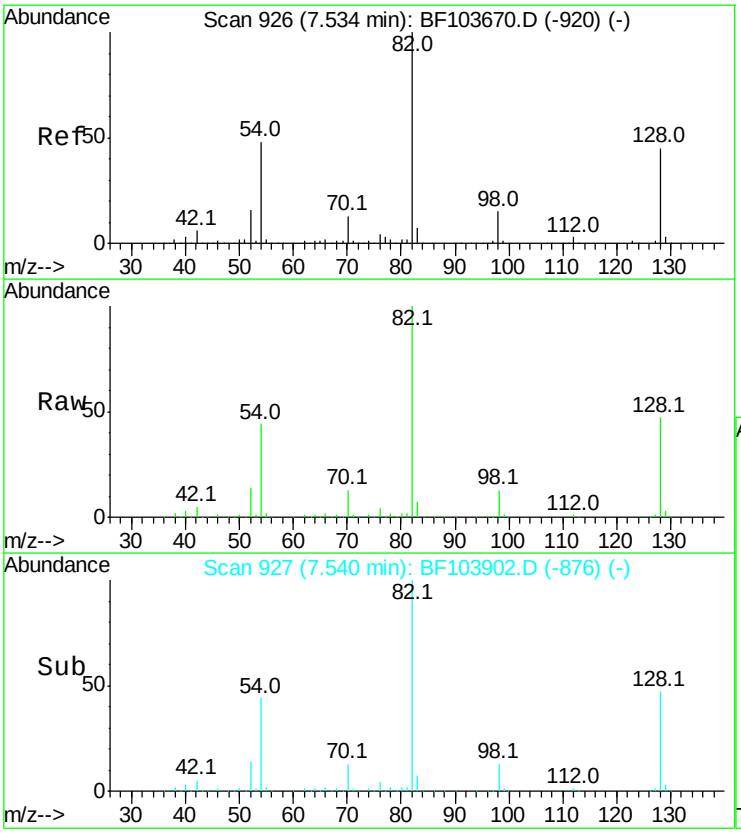
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 494695

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	6.4	5.0	7.4

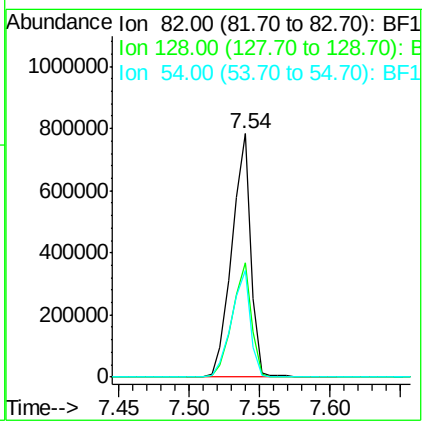


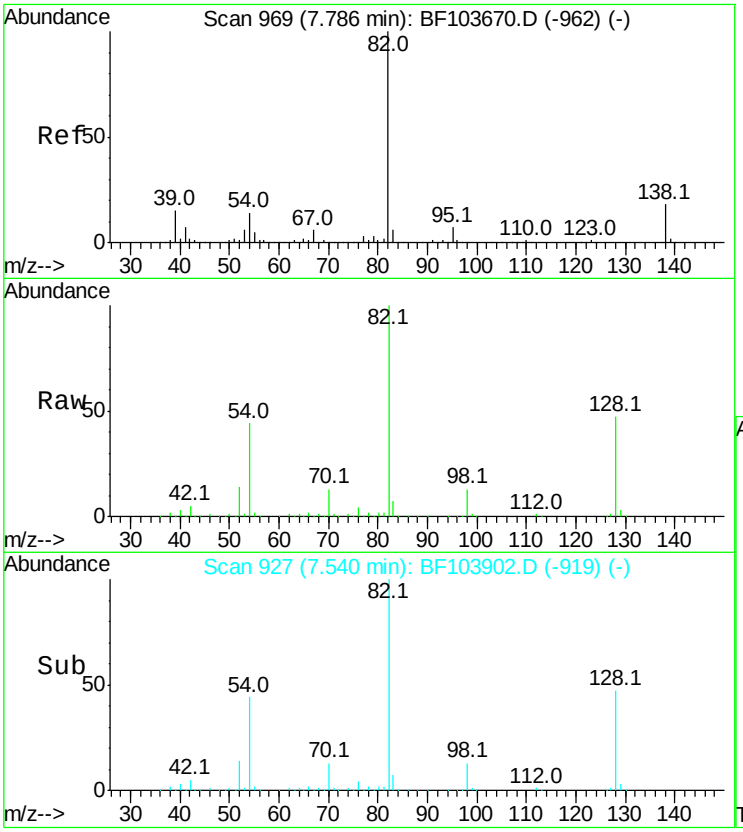


#23
Nitrobenzene-d5
Concen: 103.097 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion: 82 Resp: 731356

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	44.1	41.4	62.2

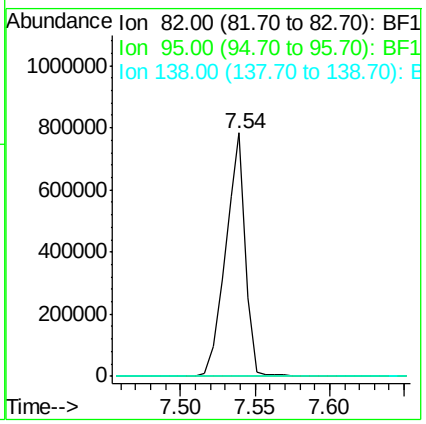




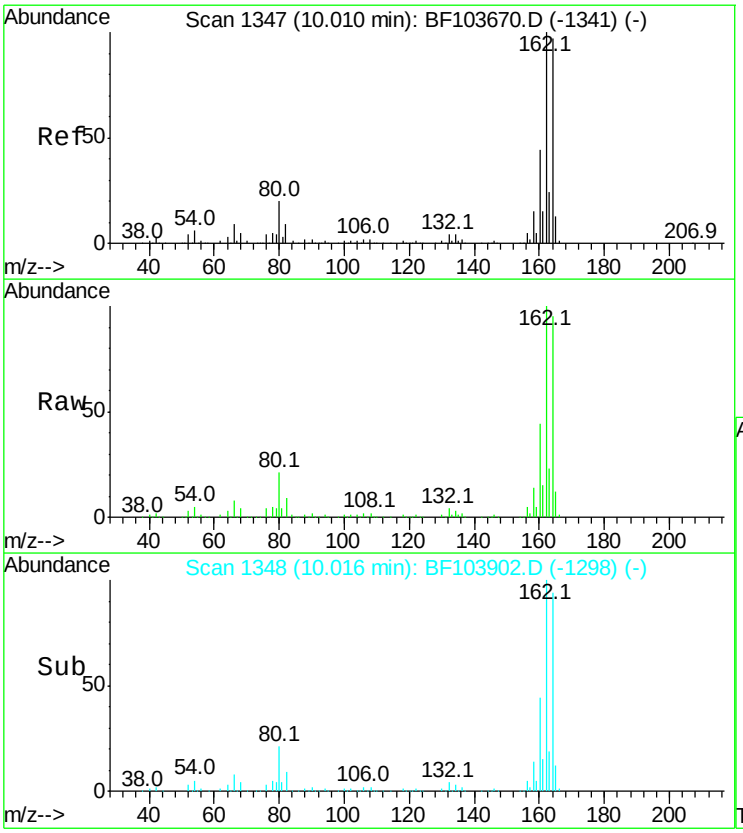
#25
Isophorone
Concen: 44.535 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion: 82 Resp: 731342

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



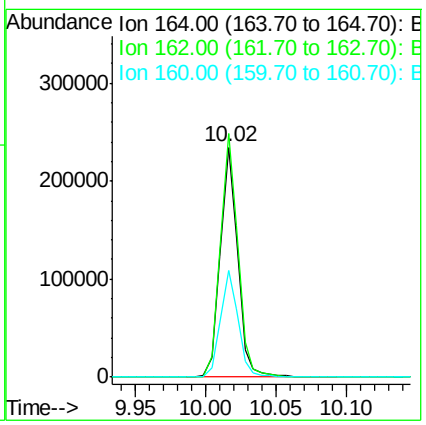
Instrument :
BNA_F
ClientSampleId :

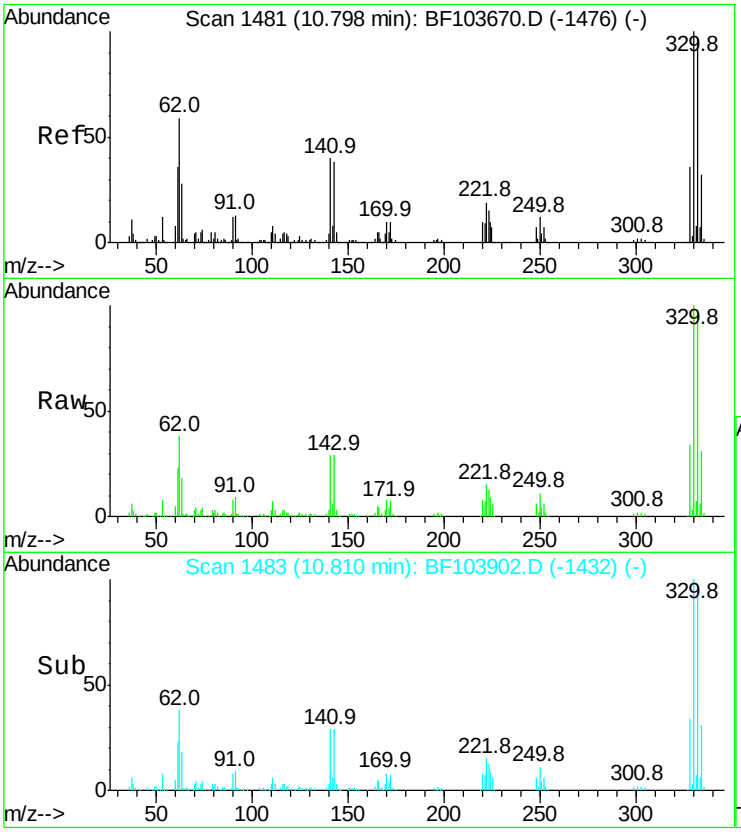


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion:164 Resp: 201555

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	46.2	38.3	57.5



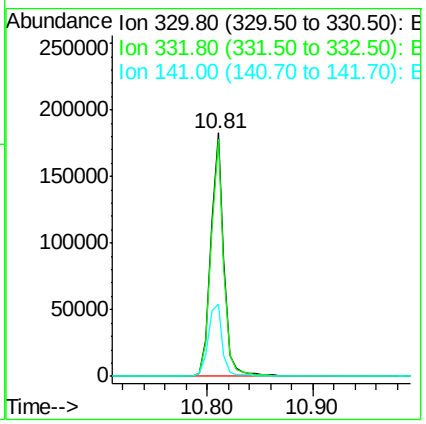


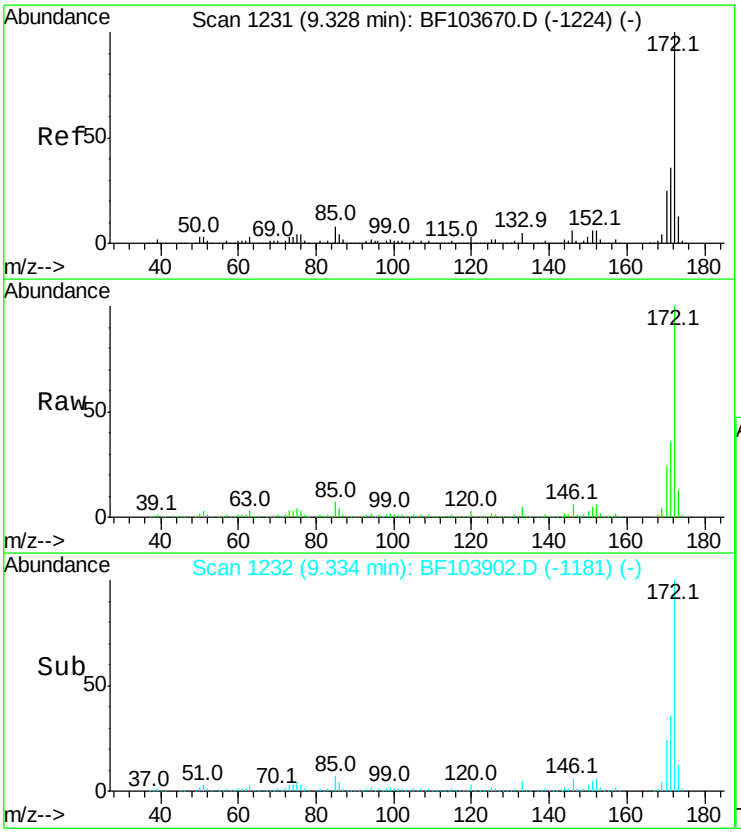
#41
2,4,6-Tribromophenol
Concen: 92.295 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 159945

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.4	29.9	44.9

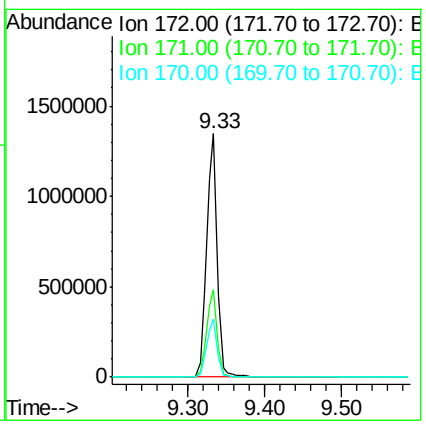


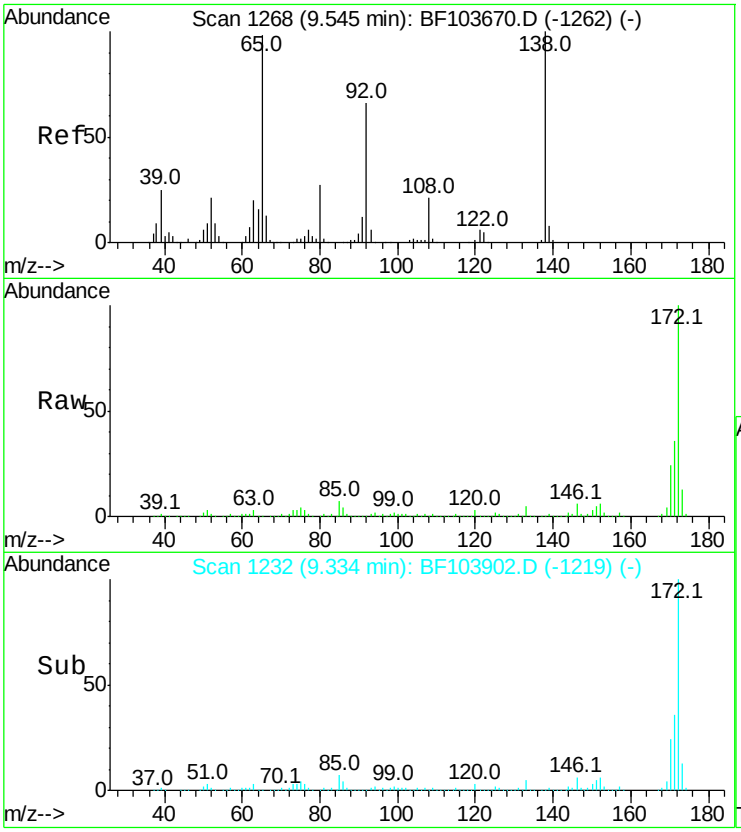


#44
2-Fluorobiphenyl
Concen: 99.845 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion:172 Resp: 1261591

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4



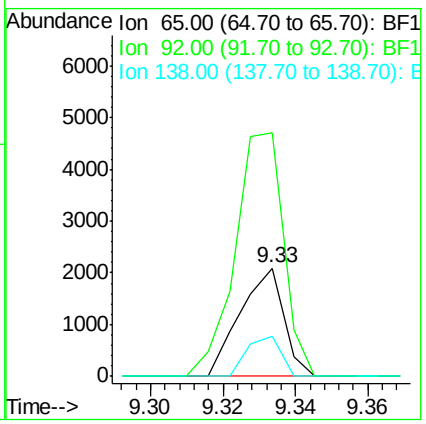


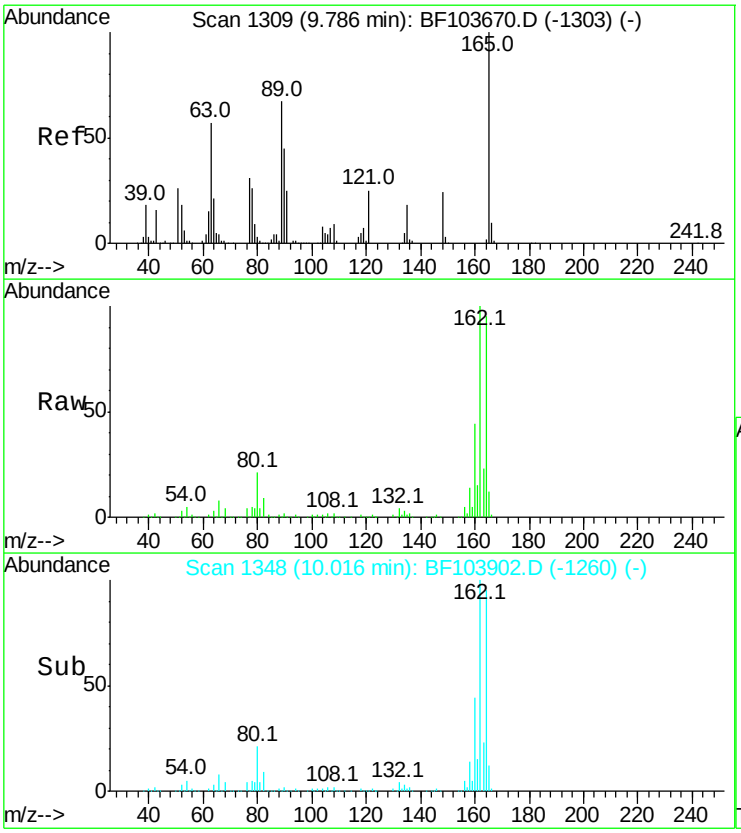
#47
2-Nitroaniline
Concen: 7.242 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.22 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1740

Ion	Ratio	Lower	Upper
65	100		
92	225.3	55.8	83.6#
138	37.4	91.2	136.8#

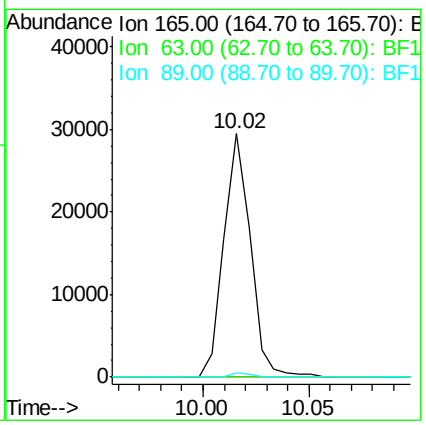


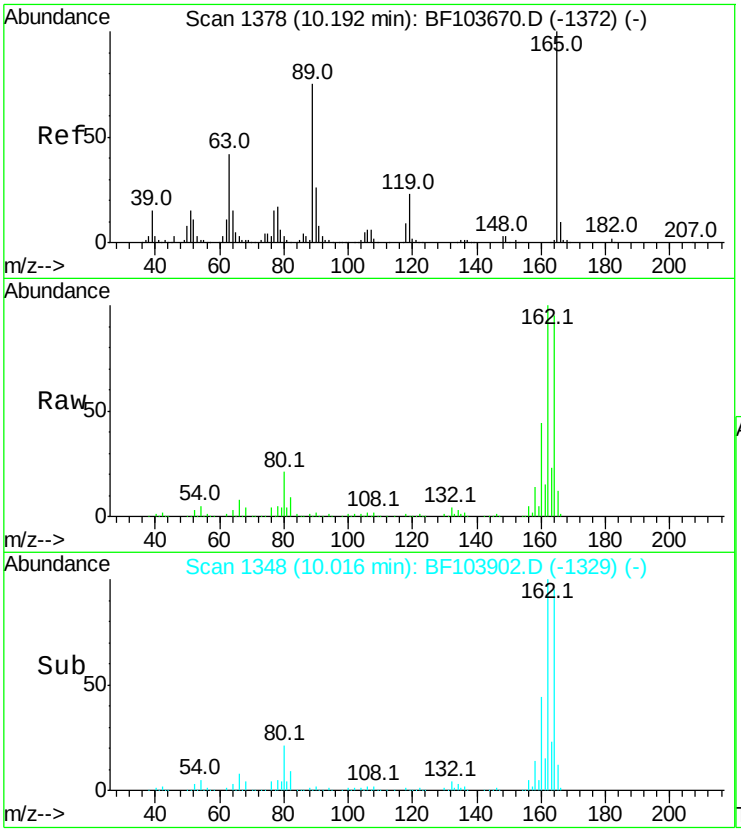


#50
2,6-Dinitrotoluene
Concen: 11.889 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion:165 Resp: 25644

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#



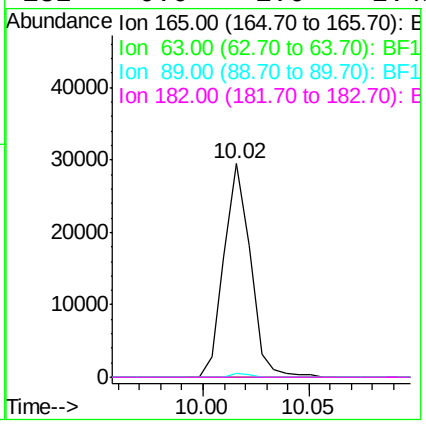


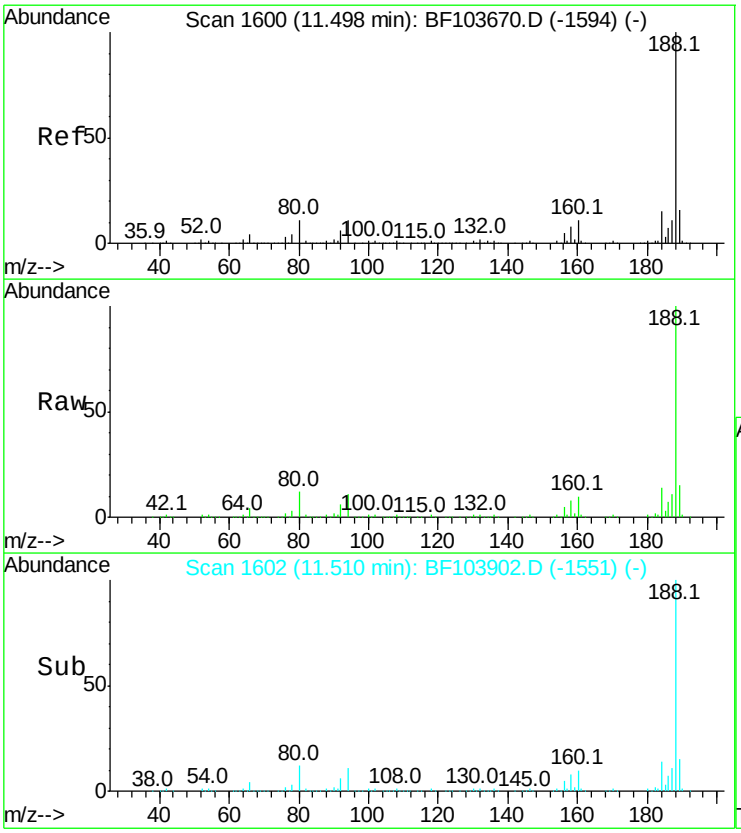
#56
2,4-Dinitrotoluene
Concen: 12.137 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25644

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

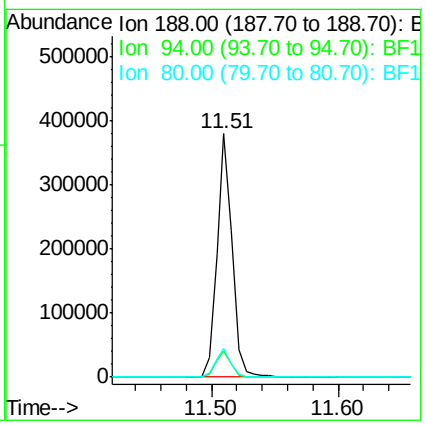


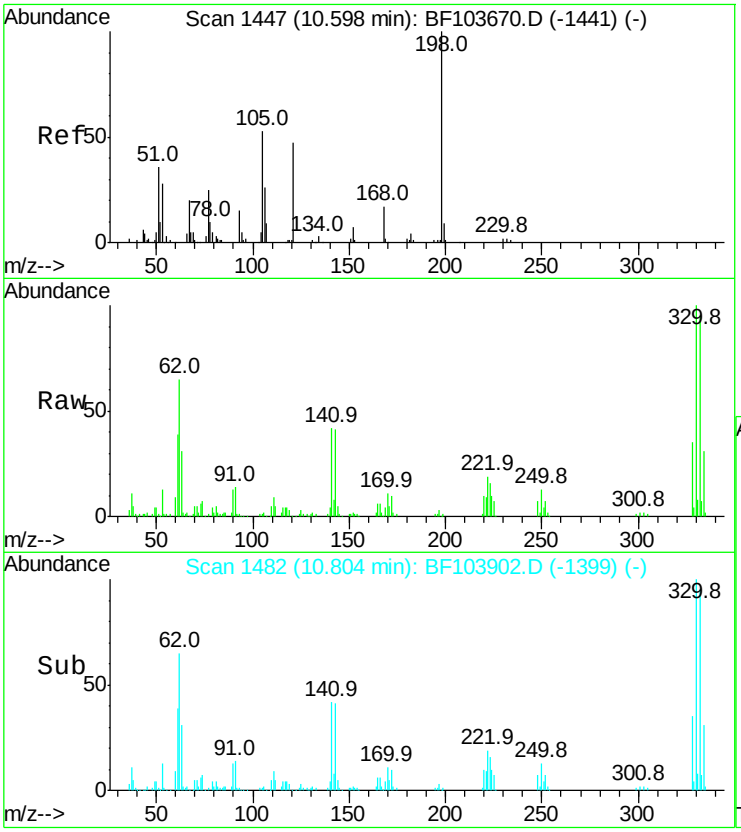


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion:188 Resp: 317171

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.7	9.2	13.8



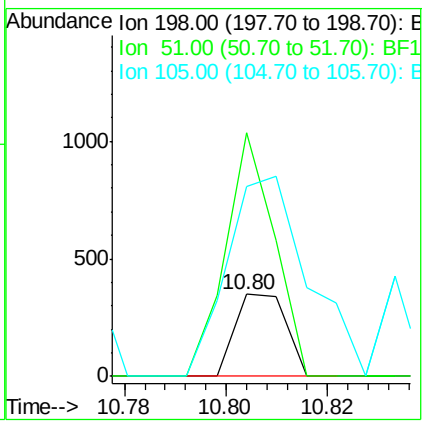


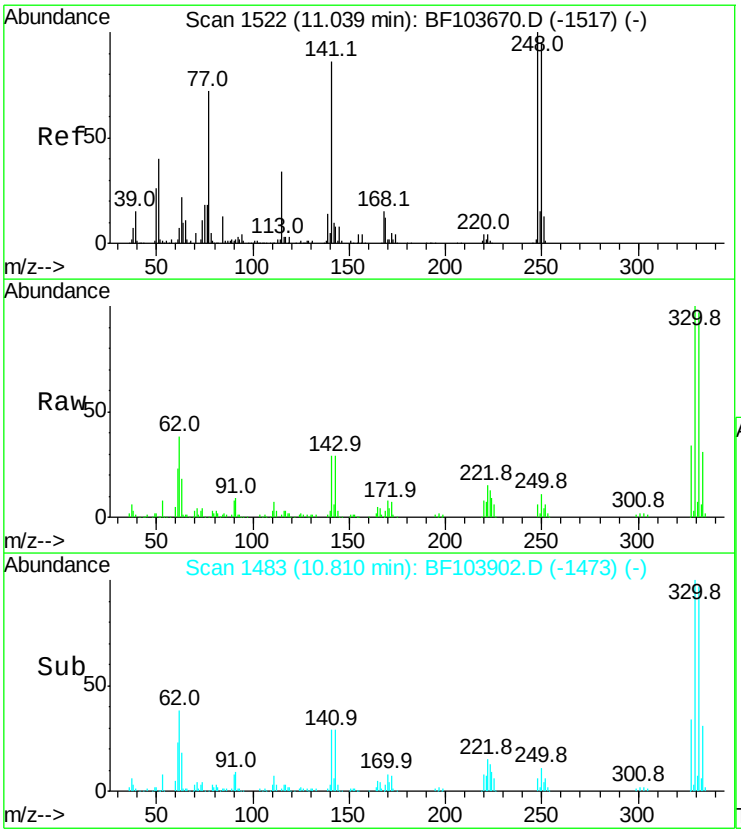
#64
4,6-Dinitro-2-methylphenol
Concen: 8.347 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.19 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 244

Ion	Ratio	Lower	Upper
198	100		
51	296.0	37.7	77.7#
105	230.0	36.3	76.3#

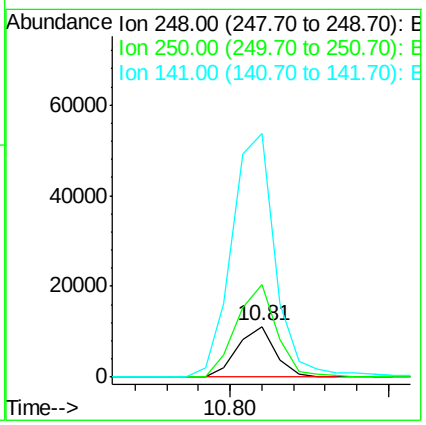


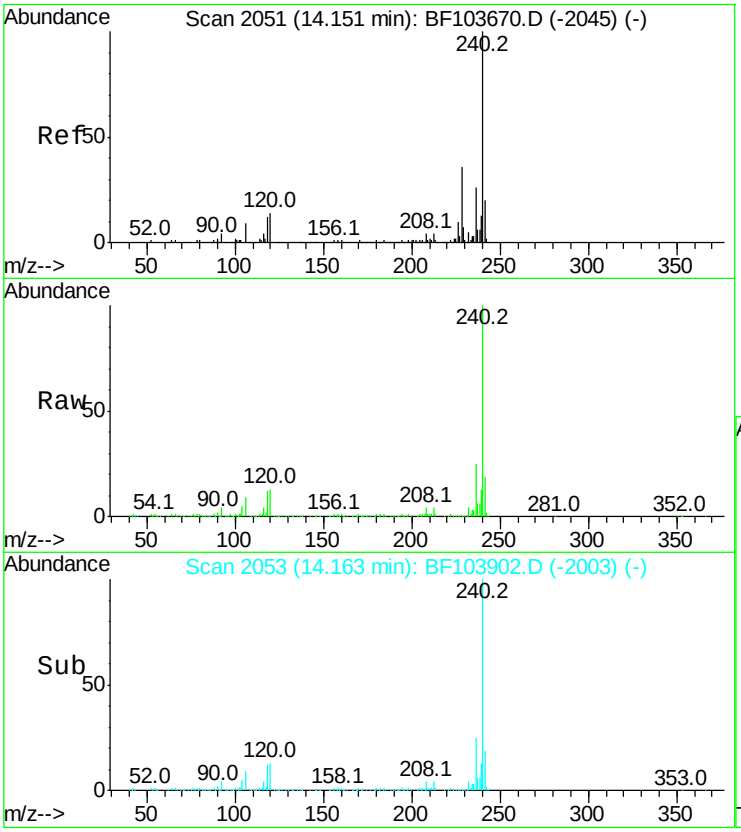


#66
4-Bromophenyl-phenylether
Concen: 2.837 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion:248 Resp: 9240

Ion	Ratio	Lower	Upper
248	100		
250	182.3	76.9	115.3#
141	481.4	74.4	111.6#



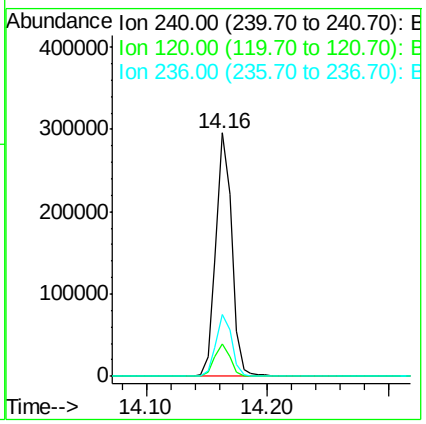


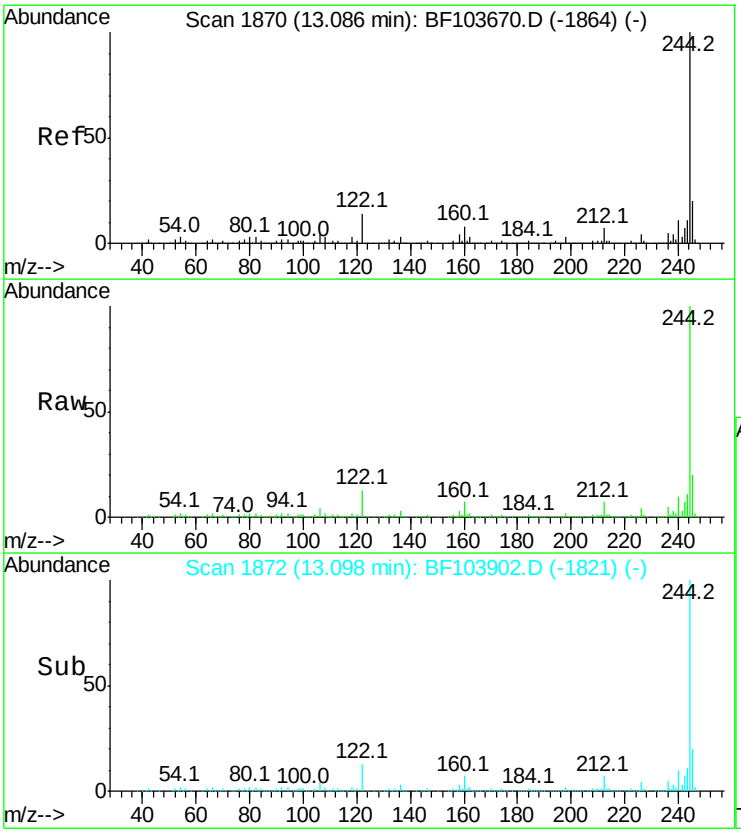
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 266298

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.2	20.7	31.1

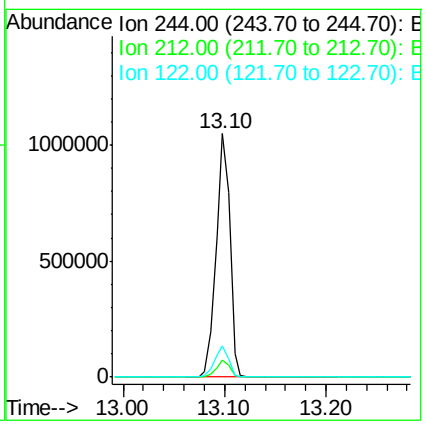


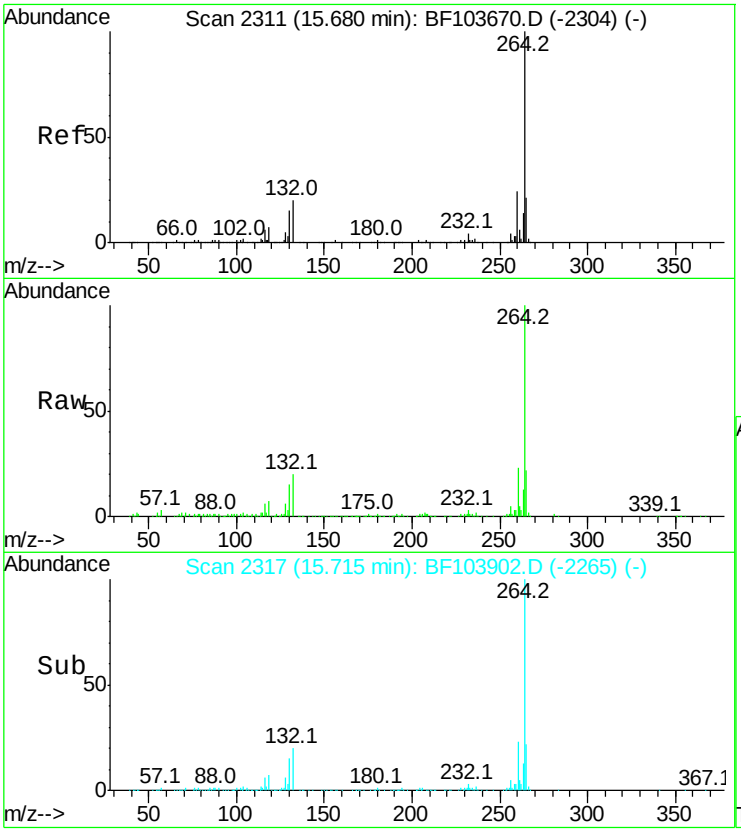


#78
Terphenyl-d14
Concen: 86.207 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Tgt Ion:244 Resp: 989022

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BF103902.D
Acq: 24 Mar 2018 1:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 194648

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	17.5	26.3