Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103783.D
Acq On : 20 Mar 2018 3:38
Operator : JU/SJ
Sample : J1954-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 20 04:57:05 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	147892	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	592540	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	261191	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	413446	20.00	ng	0.00
75) Chrysene-d12	14.16	240	295978	20.00	ng	0.00
86) Perylene-d12	15.69	264	248214	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	440153	45.27	ng	0.00
7) Phenol-d6	6.58	99	332682	27.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	970836	114.26	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	242850	108.14	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1528778	93.37	ng	0.00
78) Terphenyl-d14	13.10	244	1297212	101.73	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	126061	16.535	ng	# 72
25) Isophorone	7.53	82	970831	49.356	ng	# 64
47) 2-Nitroaniline	9.72	65	435	6.897	ng	# 1
49) Dimethylphthalate	9.72	163	58209	2.921	ng	99
50) 2,6-Dinitrotoluene	10.01	165	32955	11.823	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	32955	12.088	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	425	8.424	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14874	3.504	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\BF031918\
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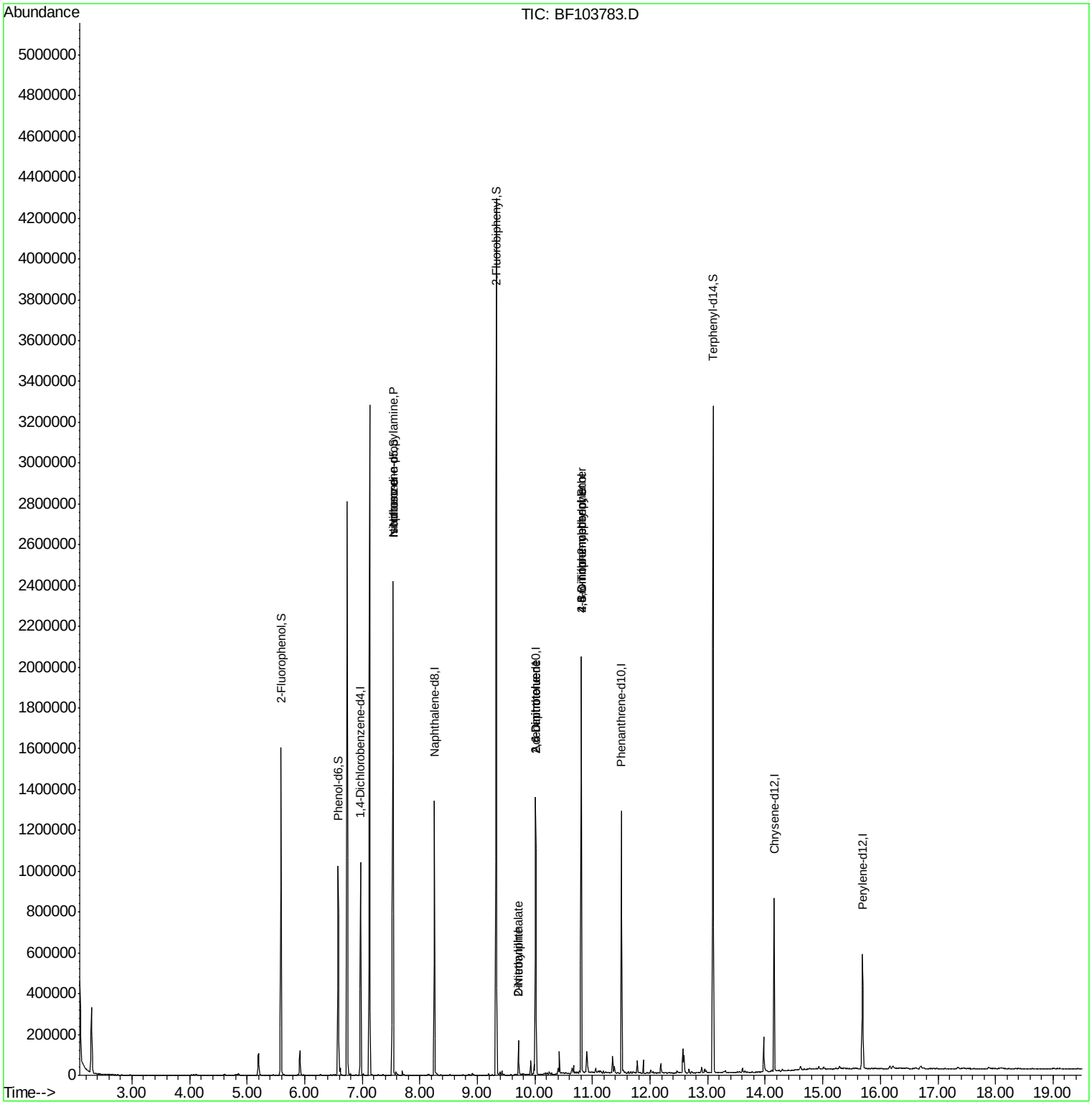
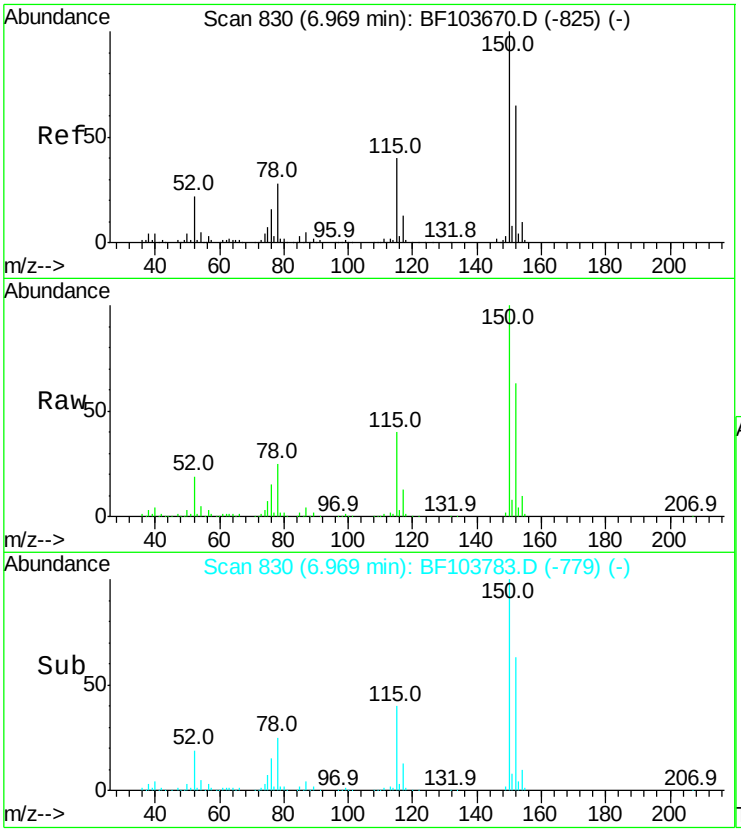


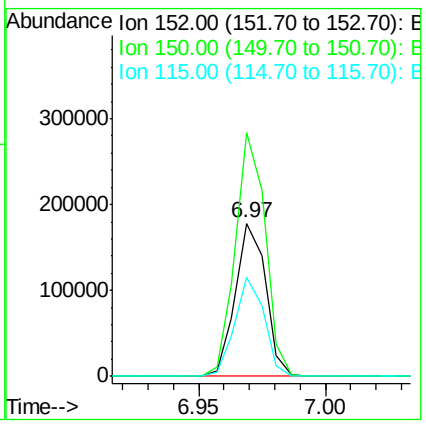


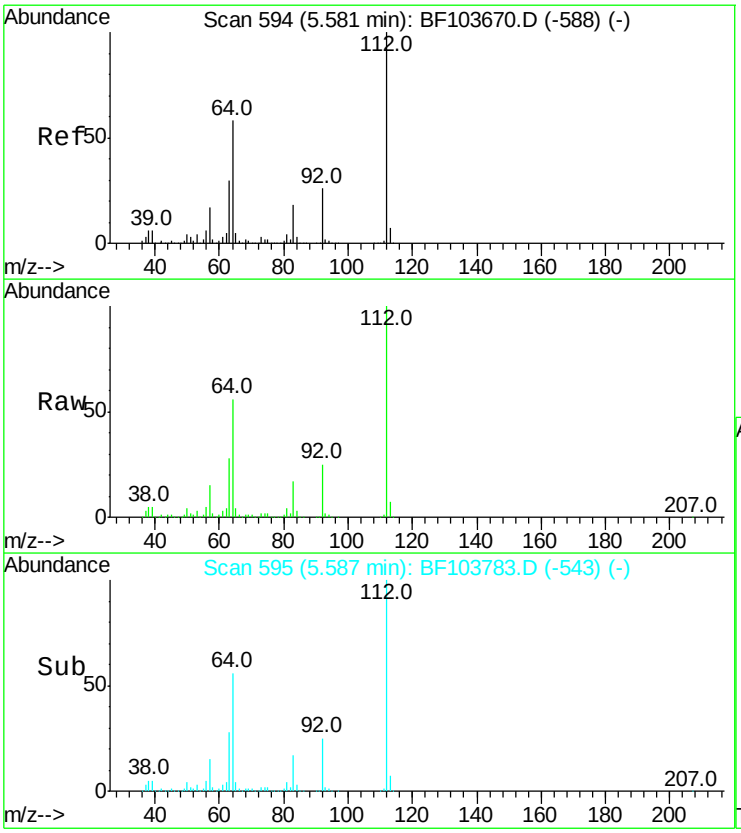
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 147892

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	64.4	50.1	75.1

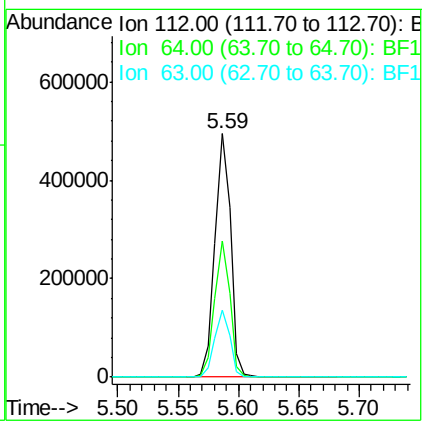


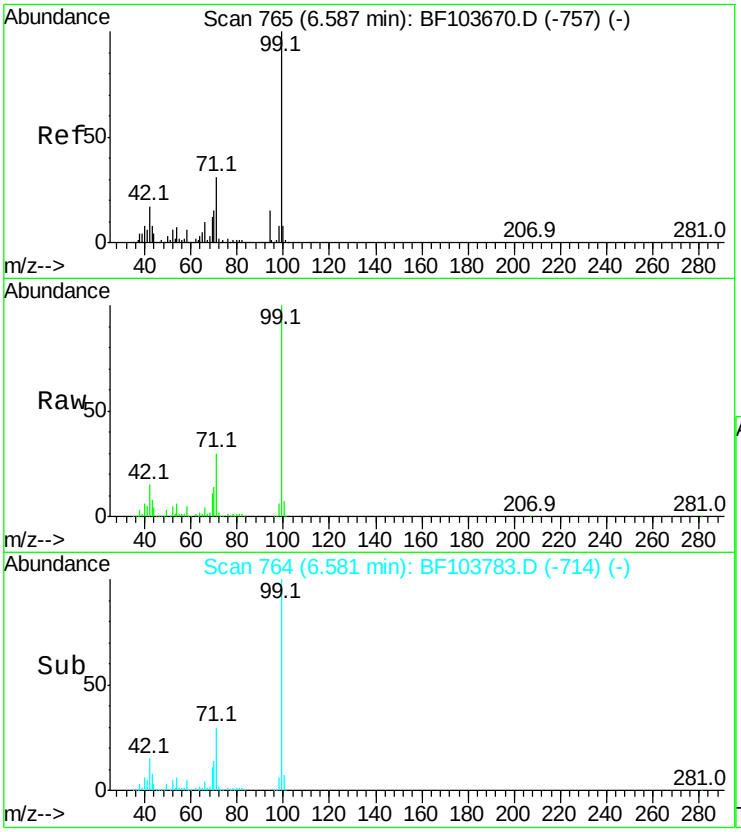


#5
2-Fluorophenol
Concen: 45.267 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion:112 Resp: 440153

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	27.6	23.7	35.5



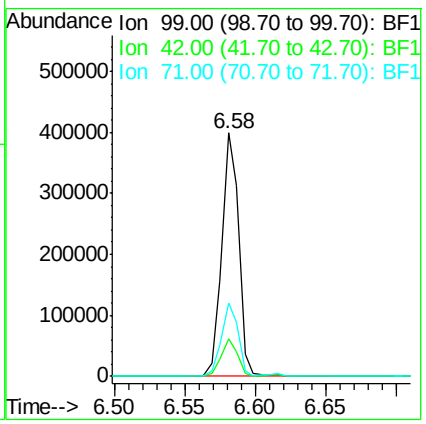


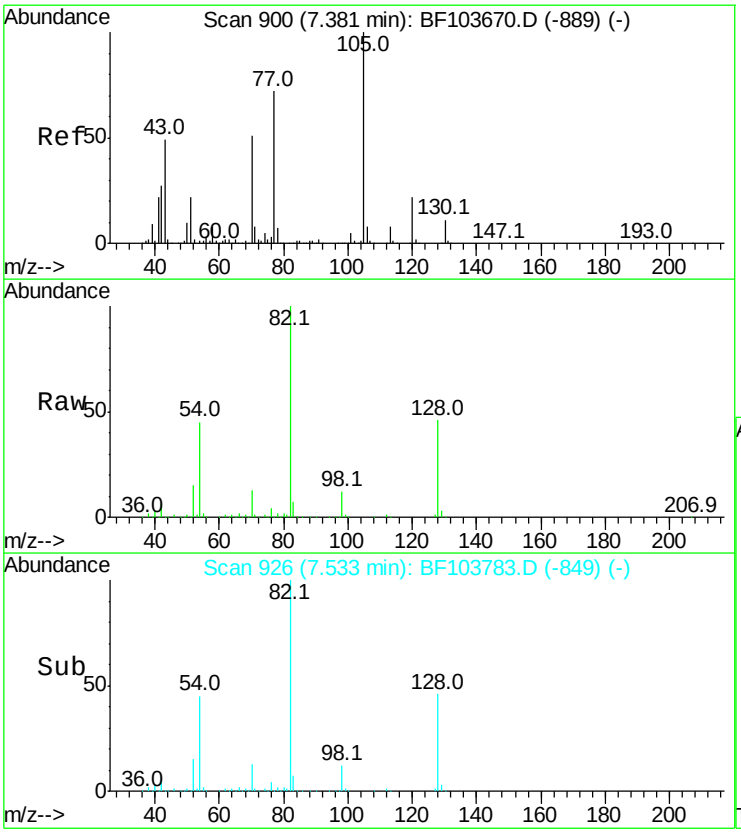
#7
Phenol-d6
Concen: 27.966 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 332682

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	30.3	25.4	38.0

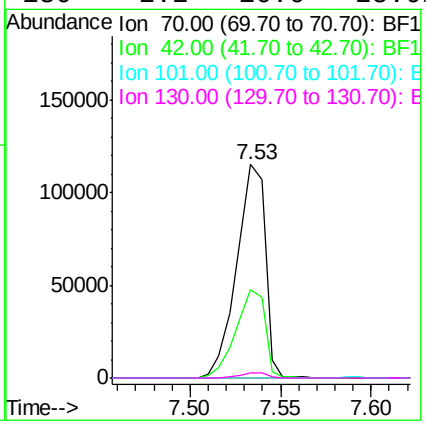


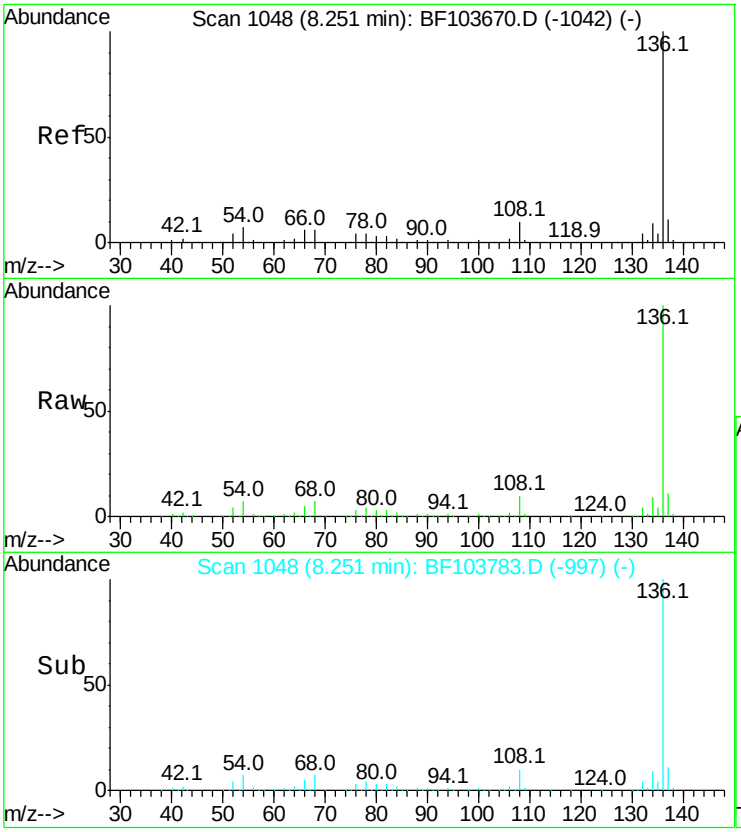


#19
n-Nitroso-di-n-propylamine
Concen: 16.535 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion: 70 Resp: 126061

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



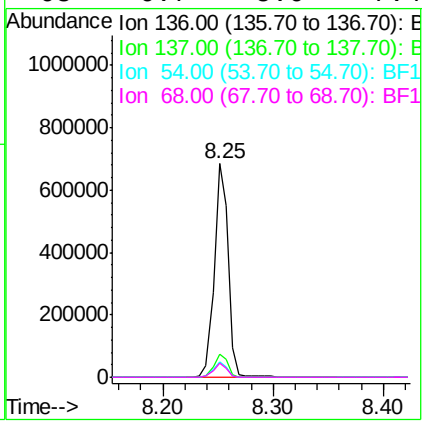


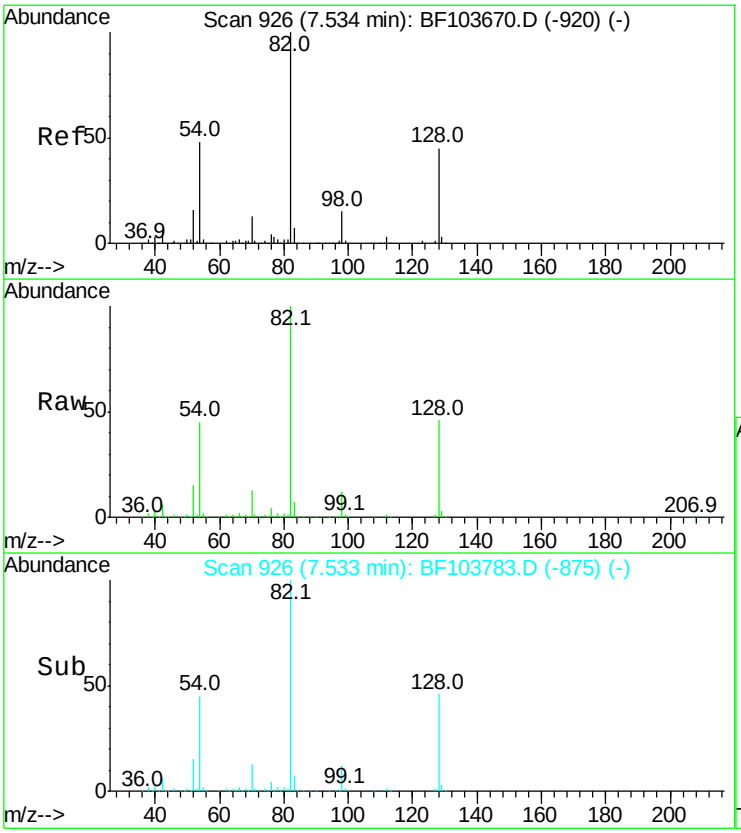
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 592540

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.7	5.0	7.4

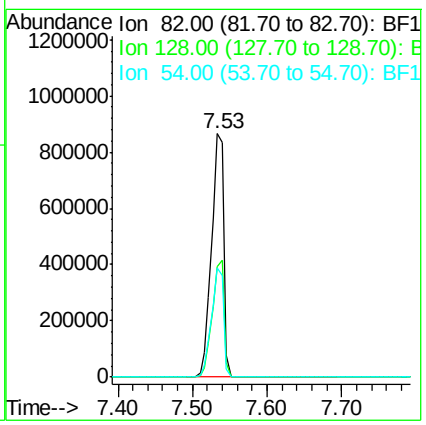


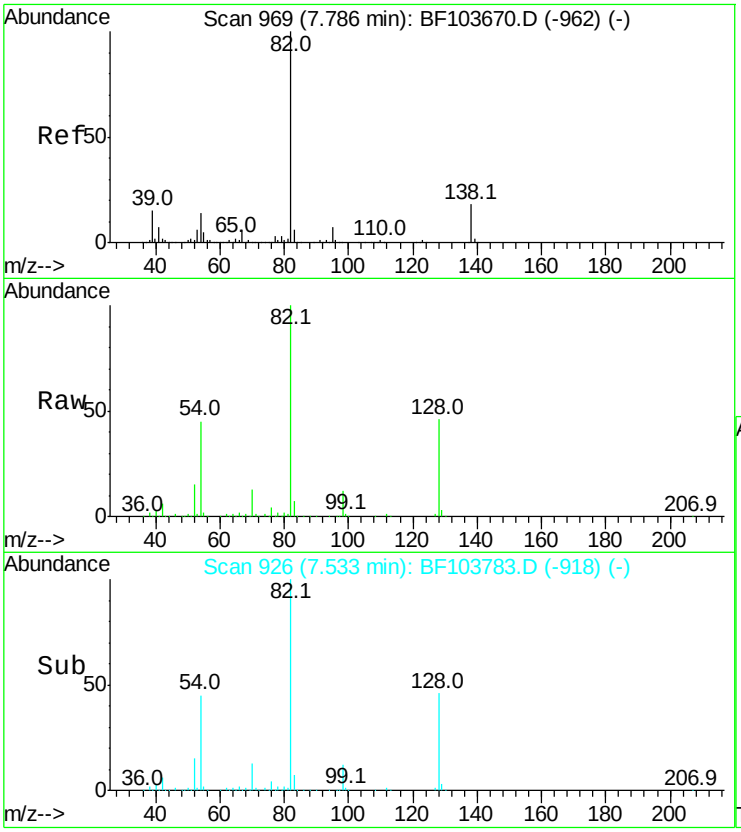


#23
Nitrobenzene-d5
Concen: 114.257 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion: 82 Resp: 970836

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	44.9	41.4	62.2



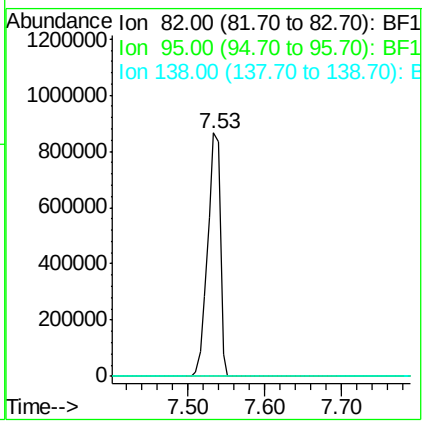


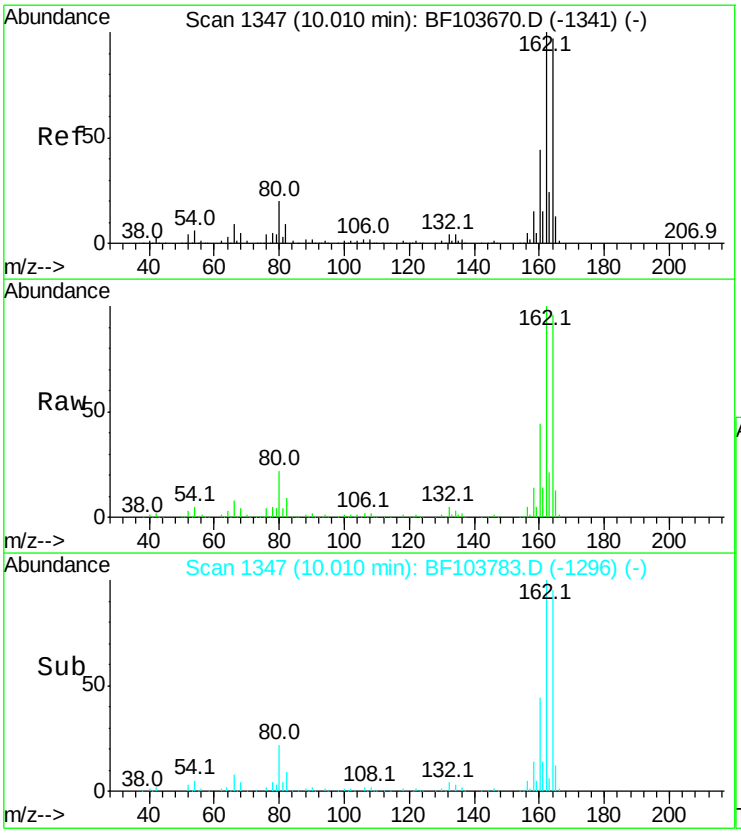
#25
Isophorone
Concen: 49.356 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 970831

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

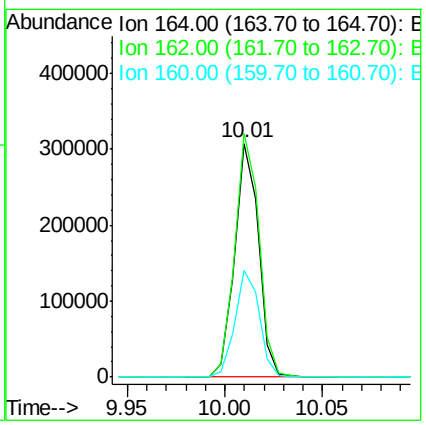


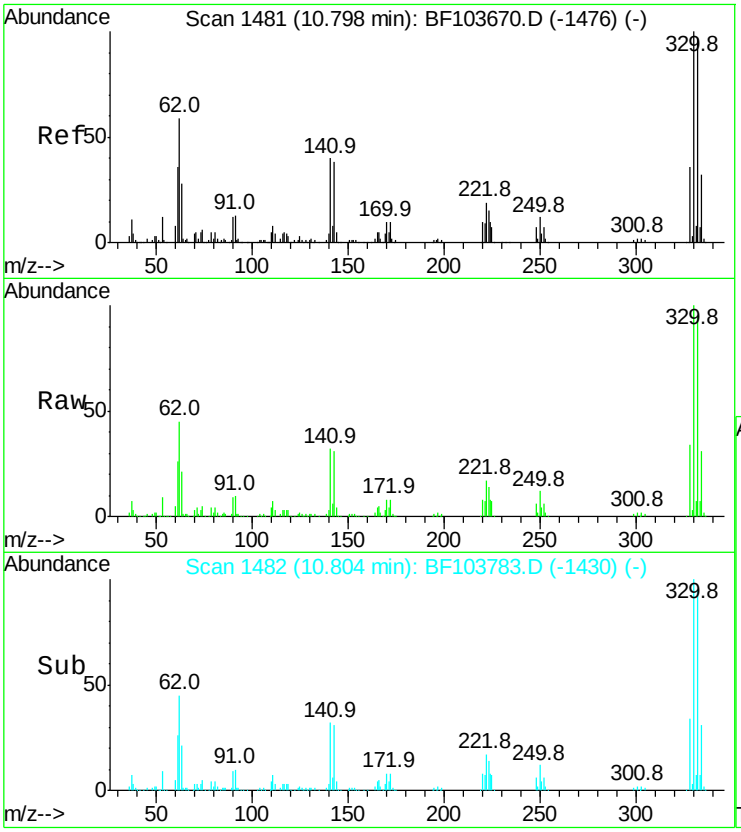


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion:164 Resp: 261191

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.5	38.3	57.5



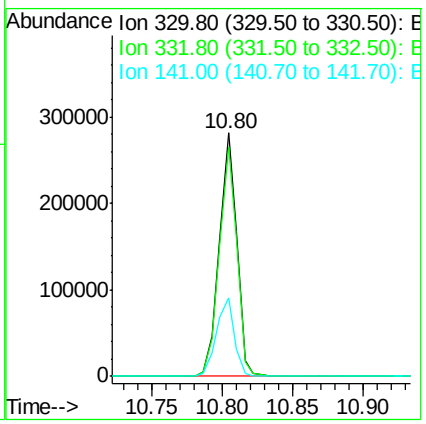


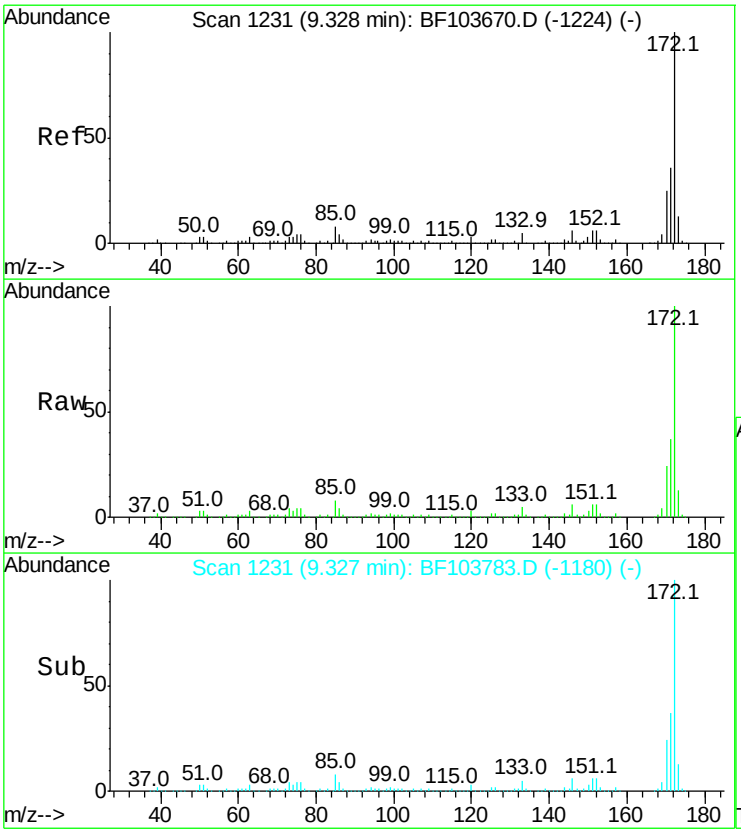
#41
2,4,6-Tribromophenol
Concen: 108.138 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 242850

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.9	29.9	44.9

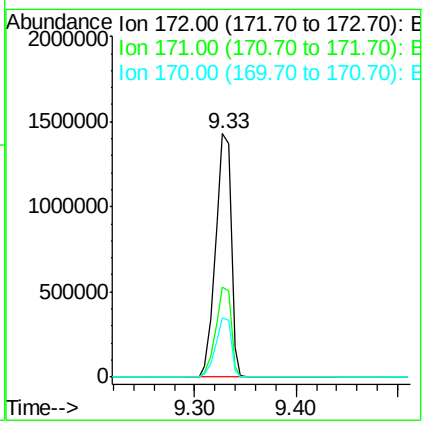


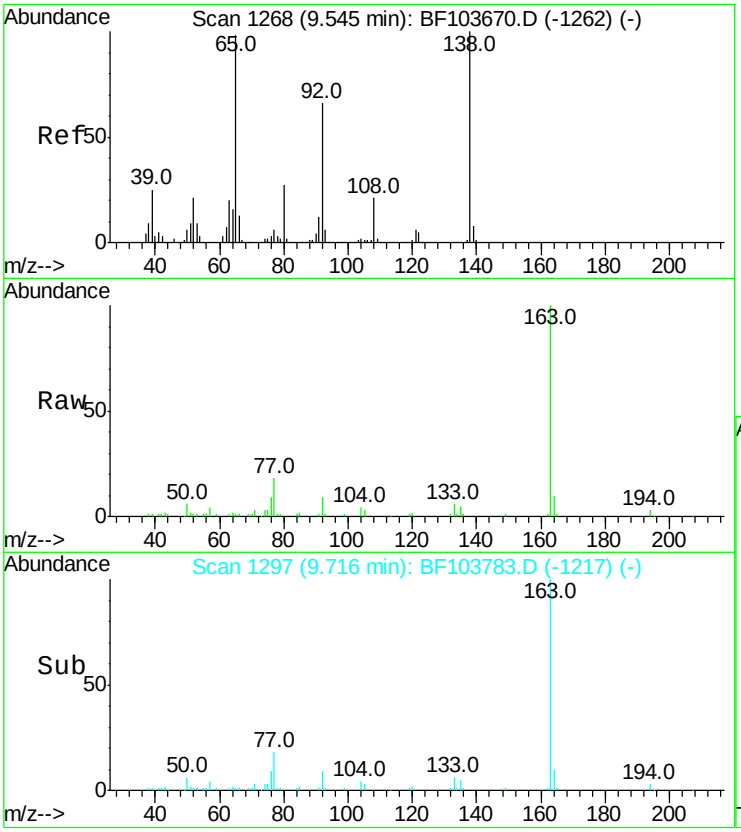


#44
2-Fluorobiphenyl
Concen: 93.366 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion:172 Resp: 1528778

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.4	19.6	29.4



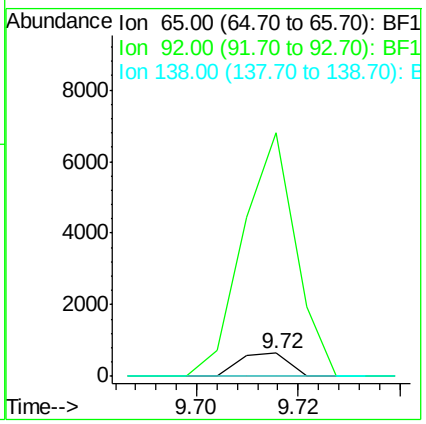


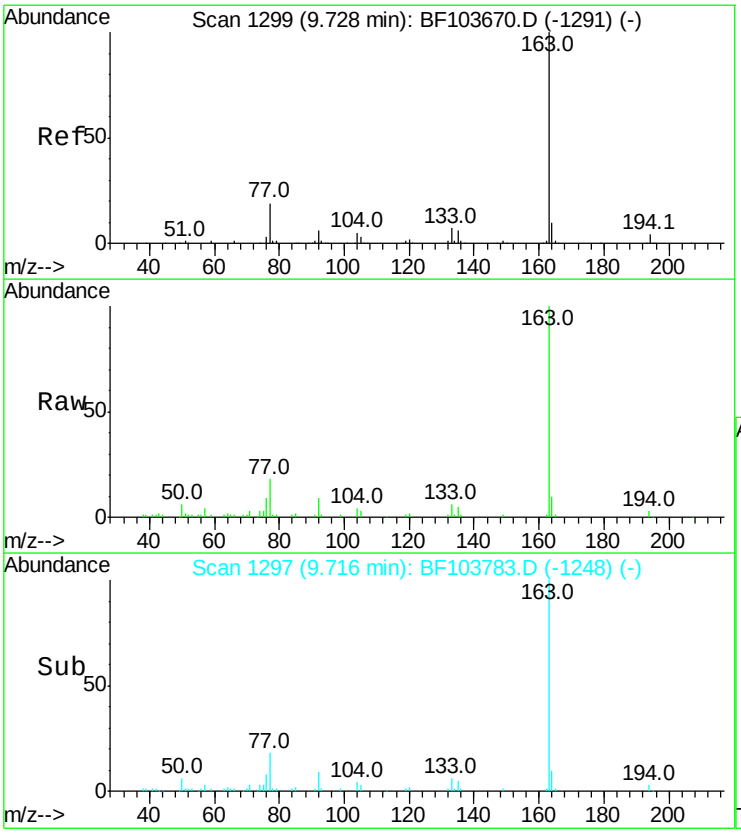
#47
2-Nitroaniline
Concen: 6.897 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.17 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 435

Ion	Ratio	Lower	Upper
65	100		
92	1051.3	55.8	83.6#
138	0.0	91.2	136.8#

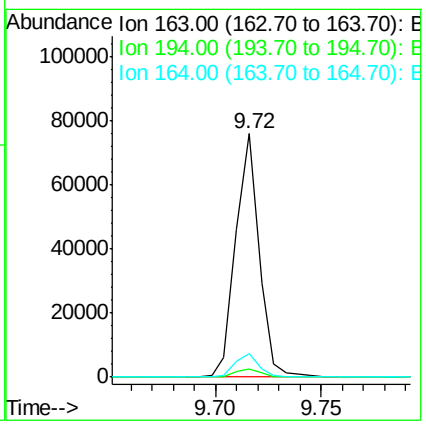


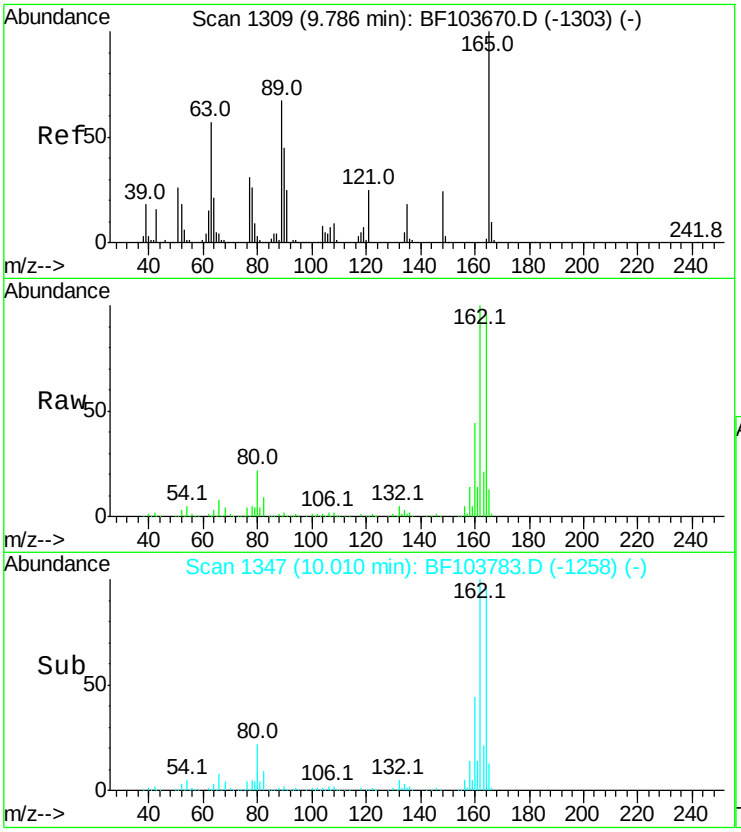


#49
Dimethylphthalate
Concen: 2.921 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion:163 Resp: 58209

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2



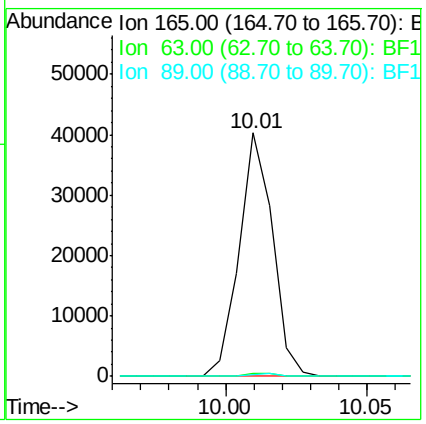


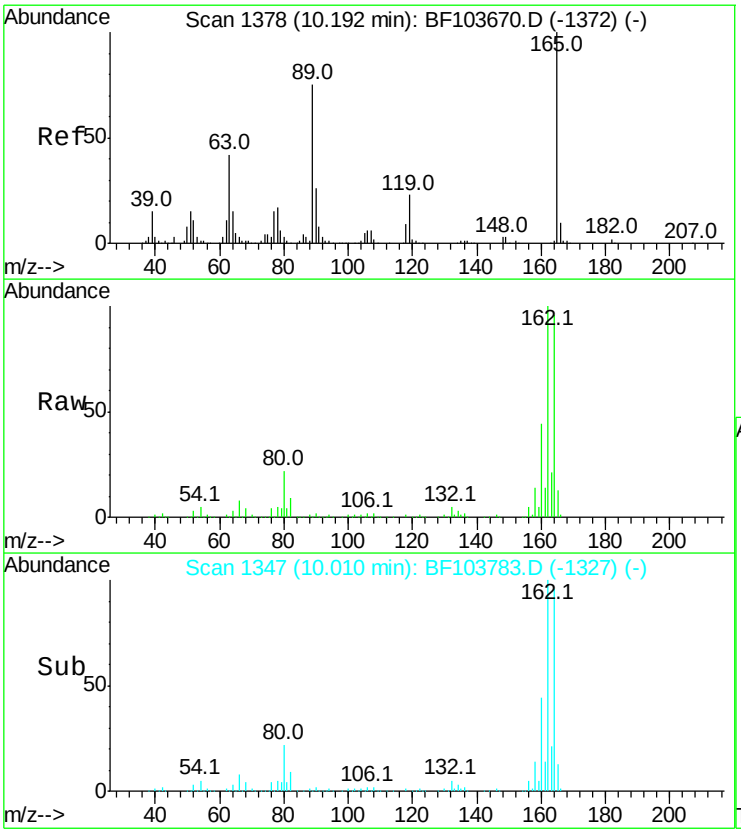
#50
2,6-Dinitrotoluene
Concen: 11.823 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32955

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.0	44.0	66.0#

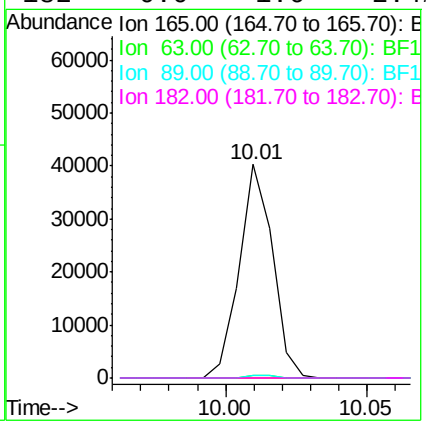


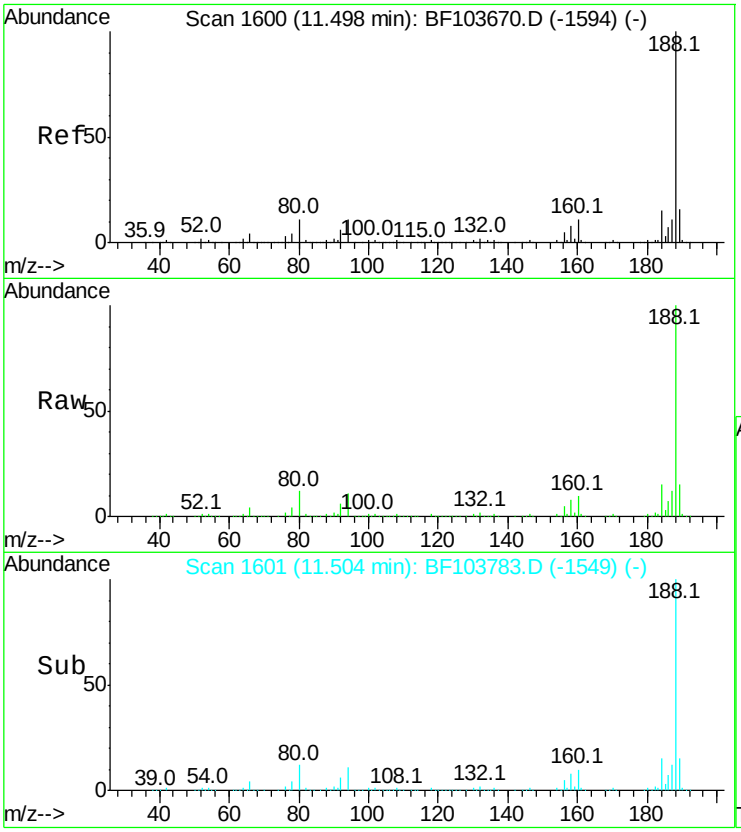


#56
2,4-Dinitrotoluene
Concen: 12.088 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion:165 Resp: 32955

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



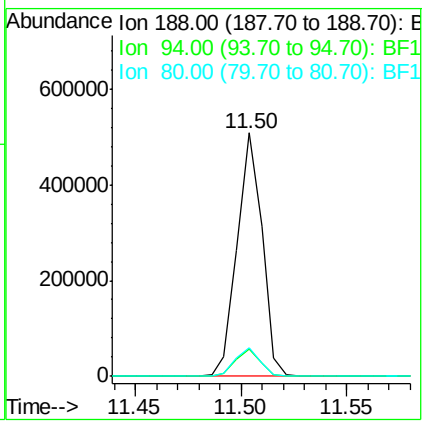


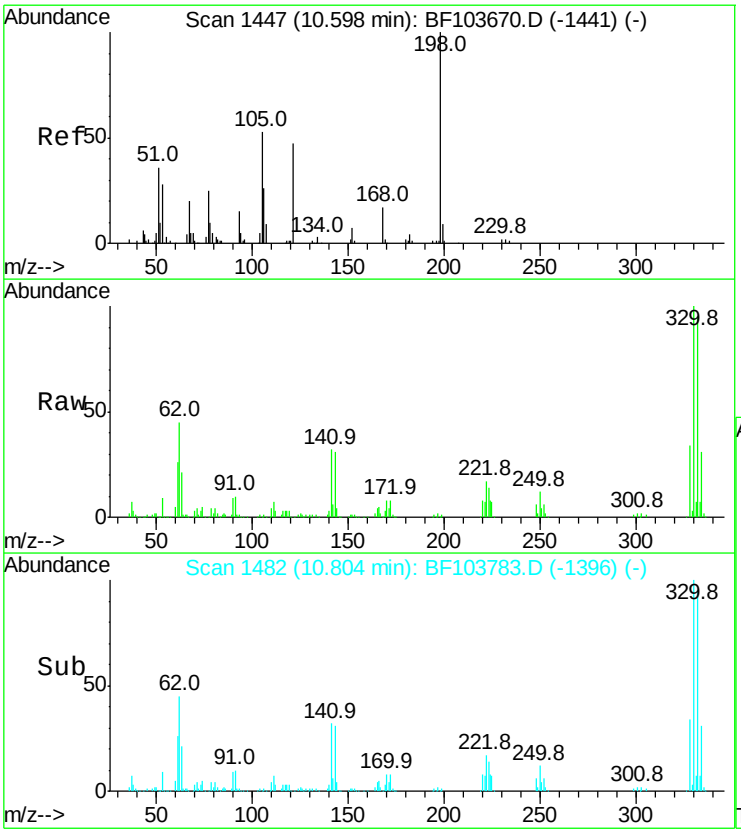
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 413446

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.6	9.2	13.8

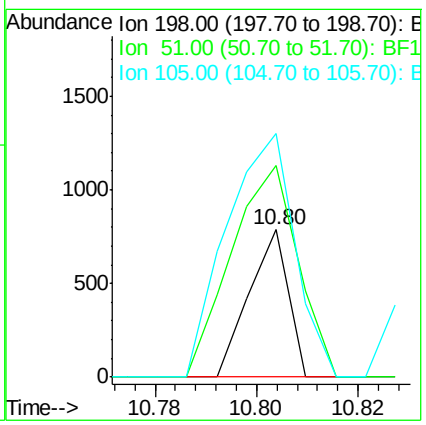


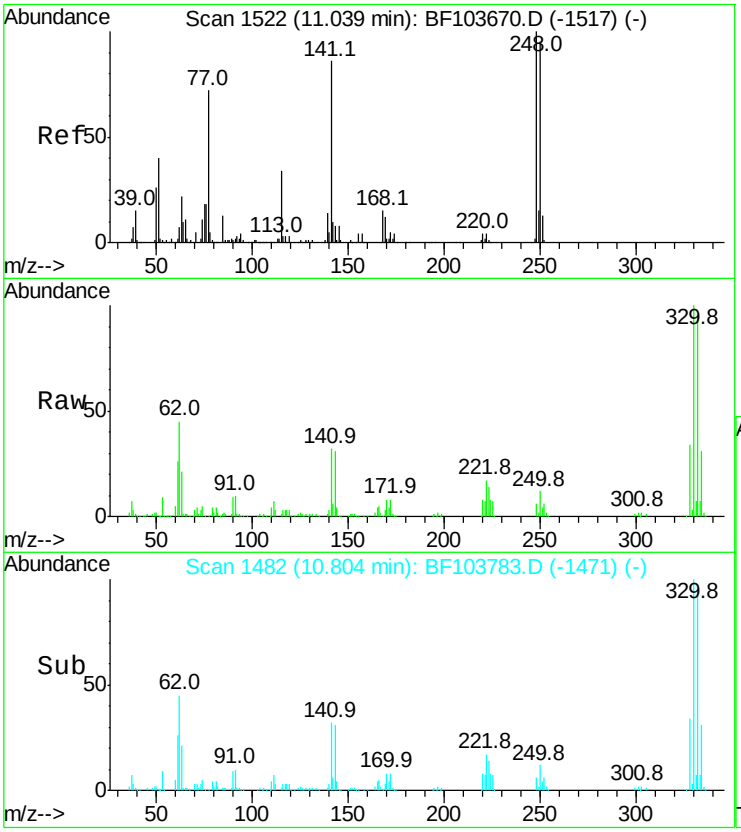


#64
4,6-Dinitro-2-methylphenol
Concen: 8.424 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion:198 Resp: 425

Ion	Ratio	Lower	Upper
198	100		
51	143.5	37.7	77.7#
105	165.3	36.3	76.3#



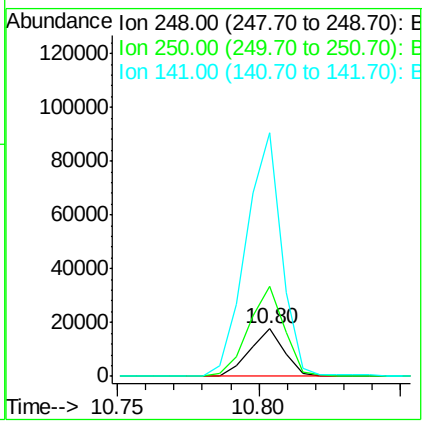


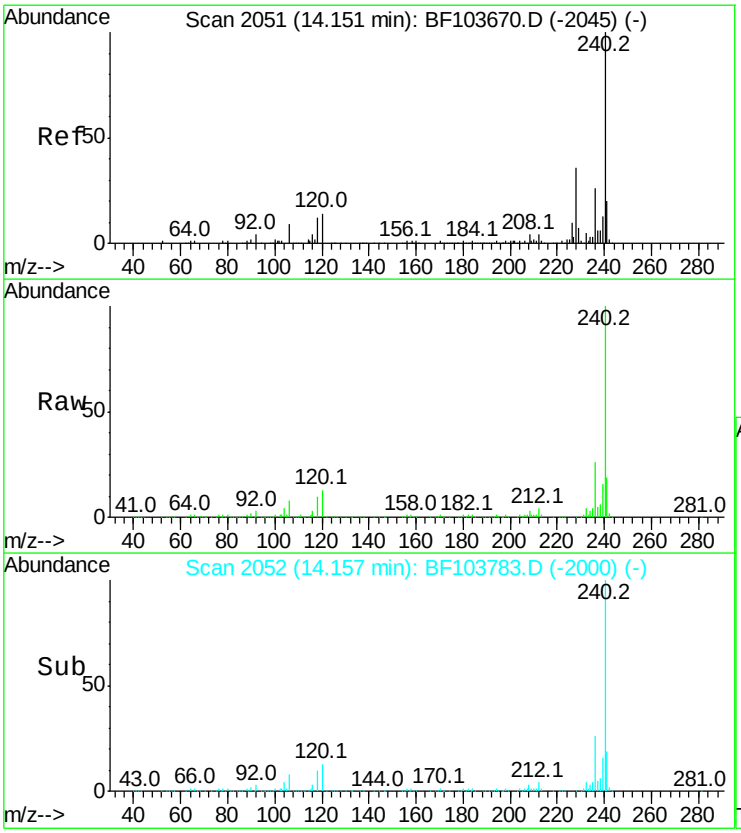
#66
4-Bromophenyl-phenylether
Concen: 3.504 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14874

Ion	Ratio	Lower	Upper
248	100		
250	189.0	76.9	115.3#
141	514.9	74.4	111.6#

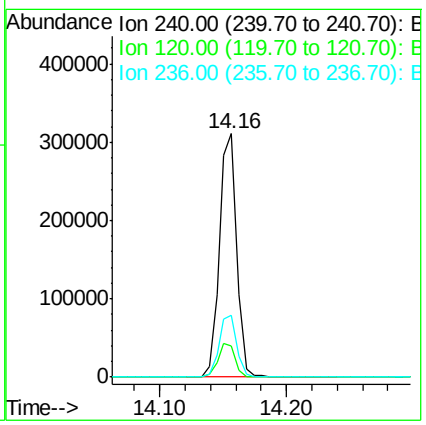


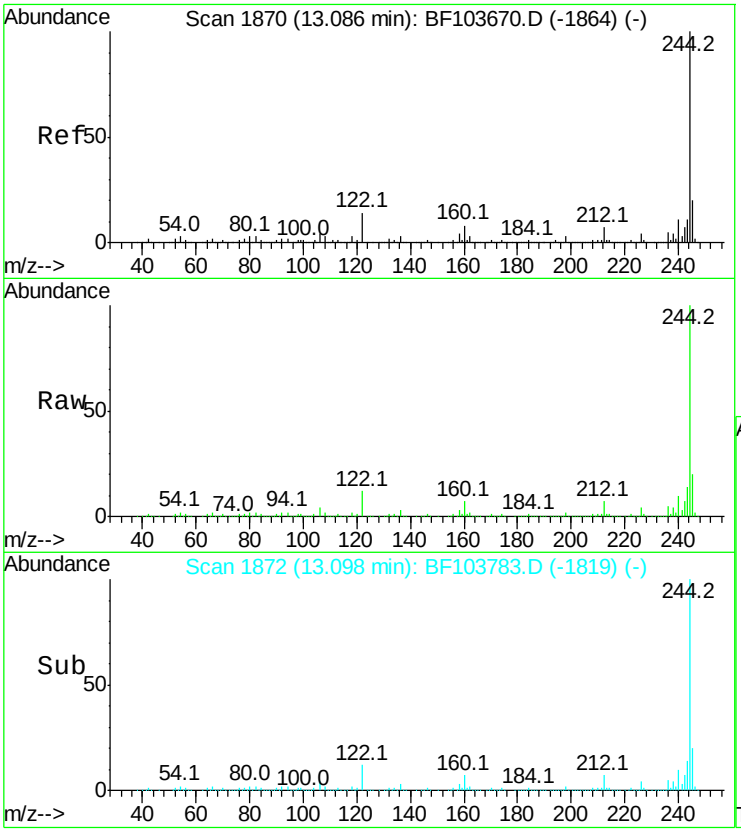


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion:240 Resp: 295978

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.5	20.7	31.1



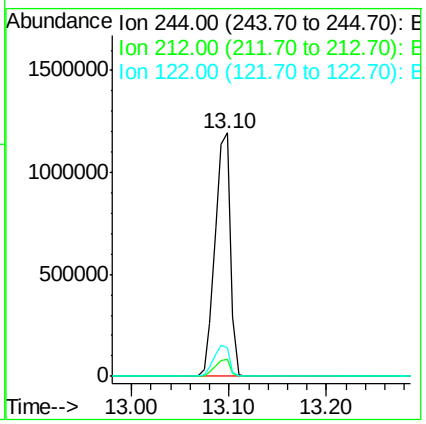


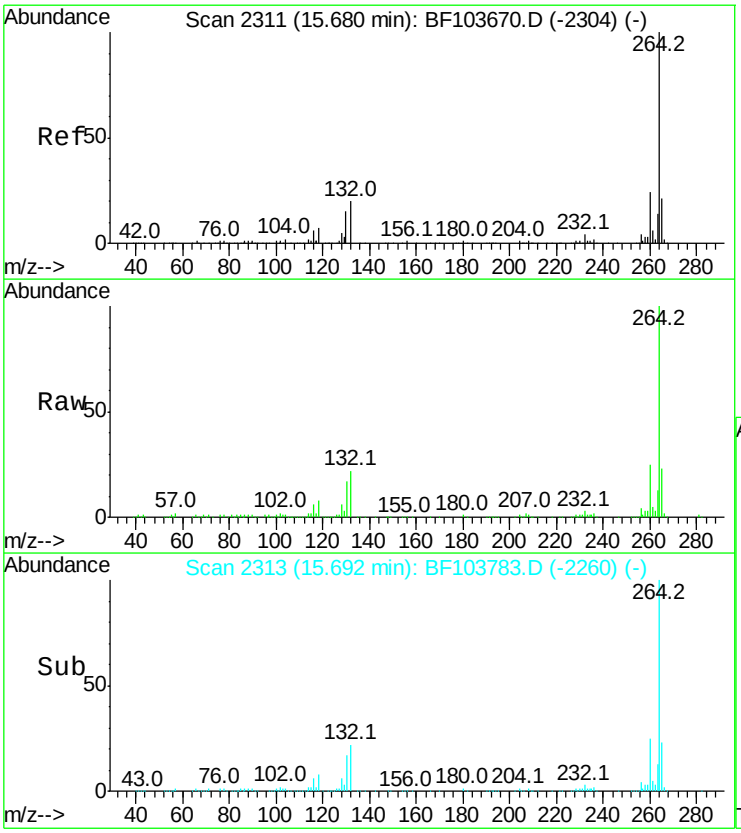
#78
Terphenyl-d14
Concen: 101.731 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1297212

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103783.D
Acq: 20 Mar 2018 3:38

Tgt Ion:264 Resp: 248214

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.7	17.5	26.3