Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113191.D
Acq On : 21 Mar 2019 1:55
Operator : JU/SJ
Sample : K1943-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 21 12:24:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 12:13:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	129292	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	431234	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	209933	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	399861	20.00	ng	0.00
76) Chrysene-d12	13.87	240	354414	20.00	ng	0.00
87) Perylene-d12	15.27	264	262627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	881195	106.02	ng	0.02
7) Phenol-d6	6.37	99	980774	93.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	692498	96.09	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	353935	158.81	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1427668	130.85	ng	0.00
79) Terphenyl-d14	12.82	244	1482862	81.11	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	91568	13.848	ng	# 74
25) Isophorone	7.29	82	671840	43.273	ng	# 65
50) Dimethylphthalate	9.76	163	53775	3.474	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	26941	8.358	ng	# 25
57) 2,4-Dinitrotoluene	9.76	165	26941	6.724	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.55	198	547	4.914	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	20017	4.753	ng	# 1

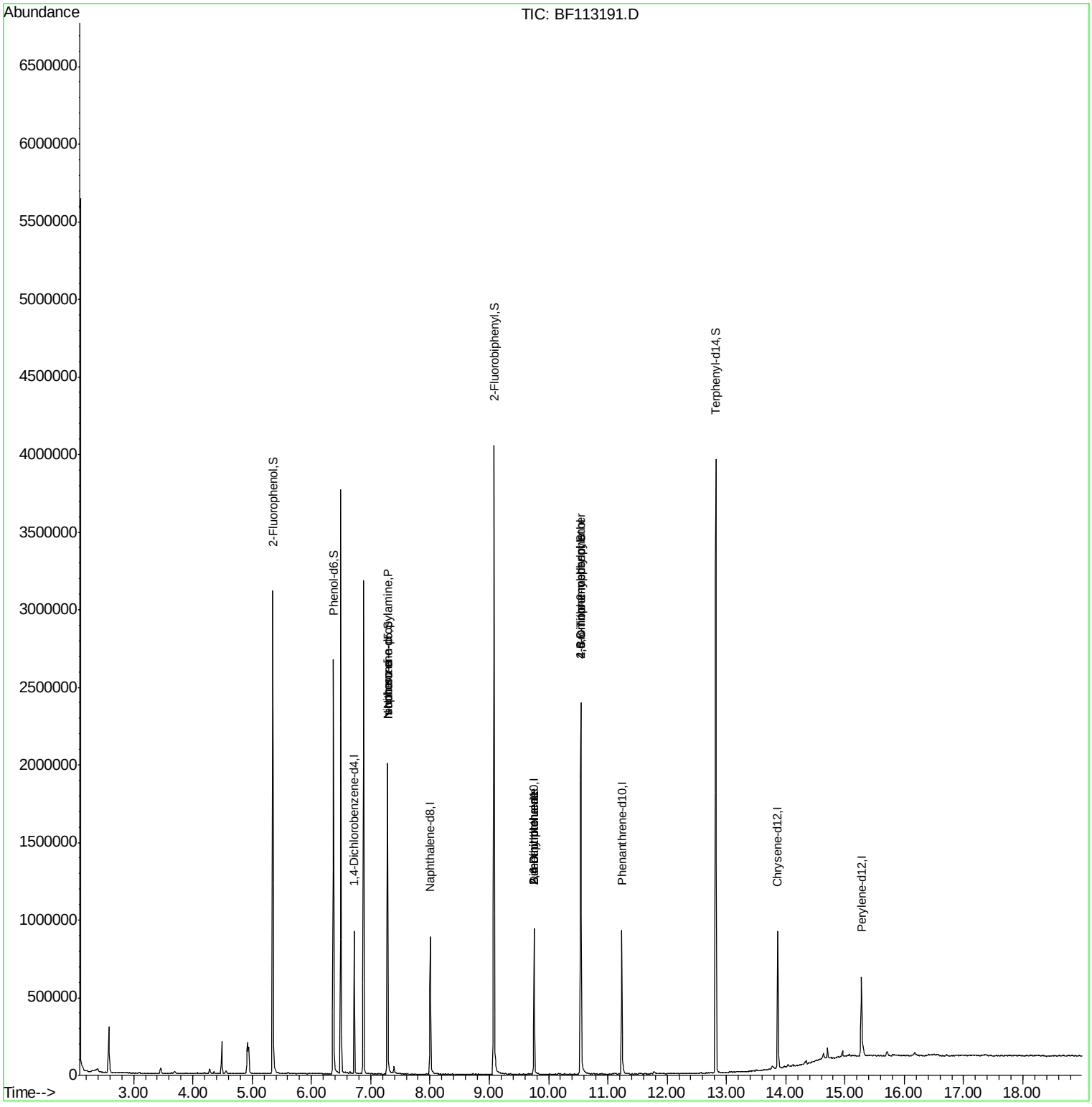
(#) = qualifier out of range (m) = manual integration (+) = signals summed

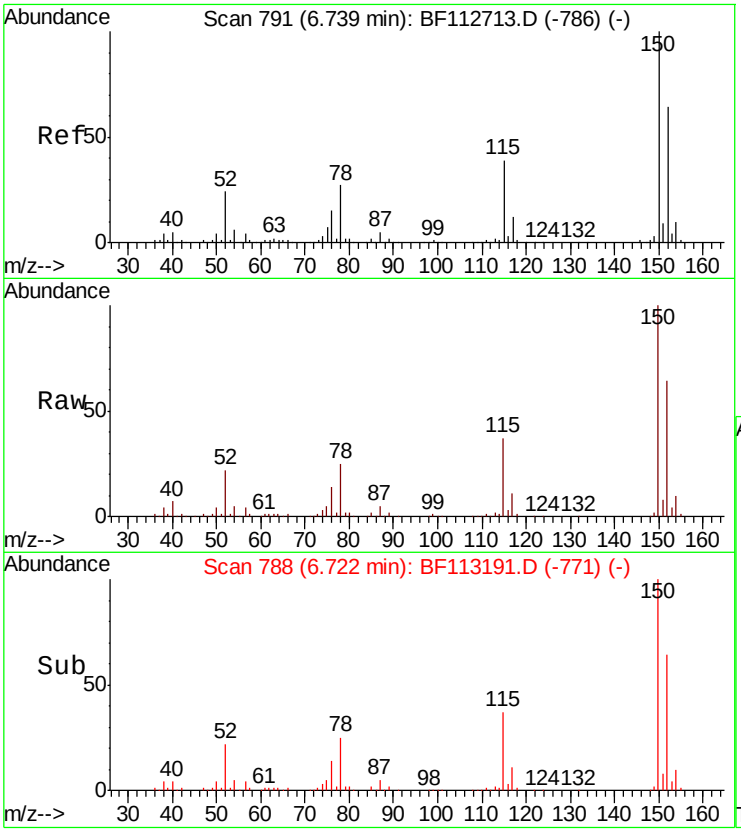
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113191.D
Acq On : 21 Mar 2019 1:55
Operator : JU/SJ
Sample : K1943-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 21 12:24:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 12:13:22 2019
Response via : Initial Calibration



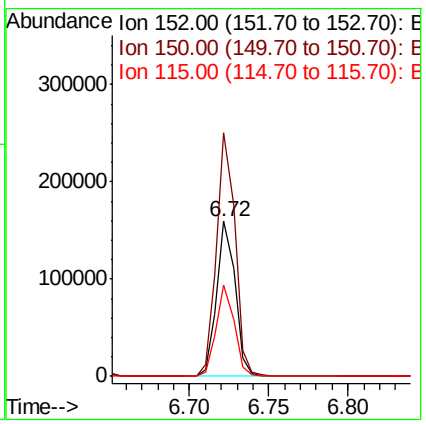


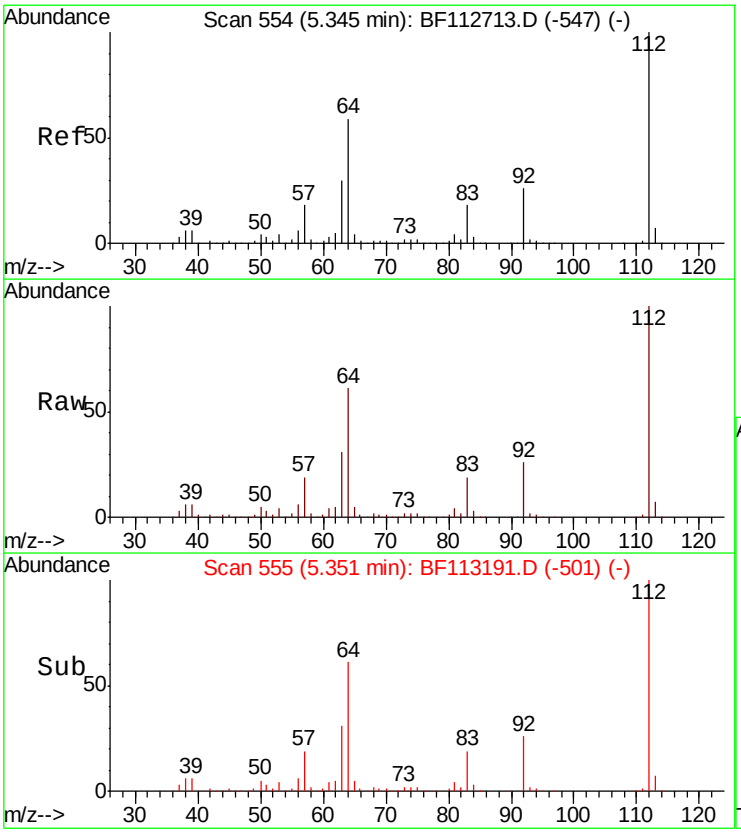
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129292

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.0	184.6
115	58.6	45.9	68.9

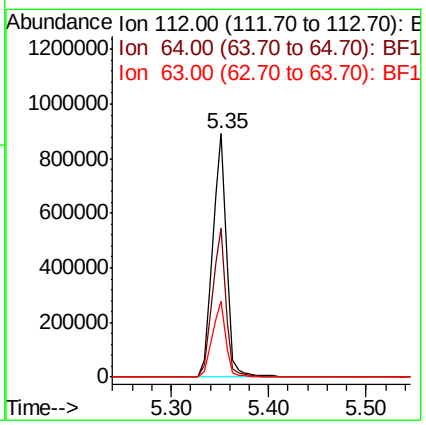


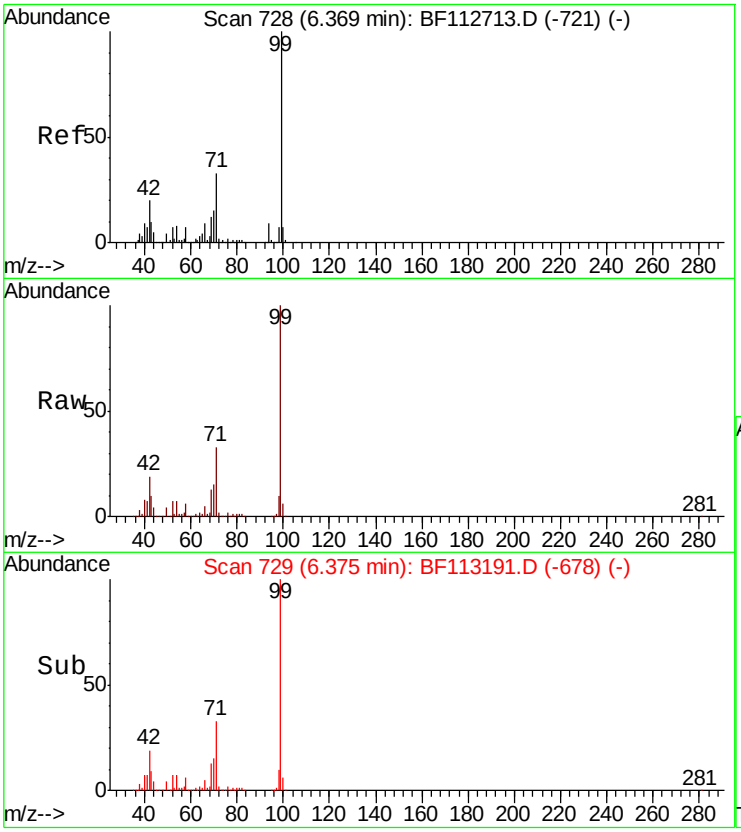


#5
2-Fluorophenol
Concen: 106.019 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion:112 Resp: 881195

Ion	Ratio	Lower	Upper
112	100		
64	60.9	49.3	73.9
63	31.0	25.4	38.2



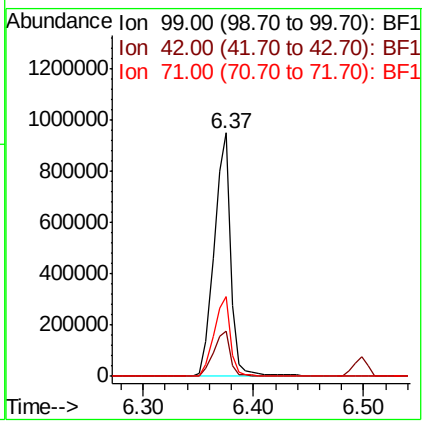


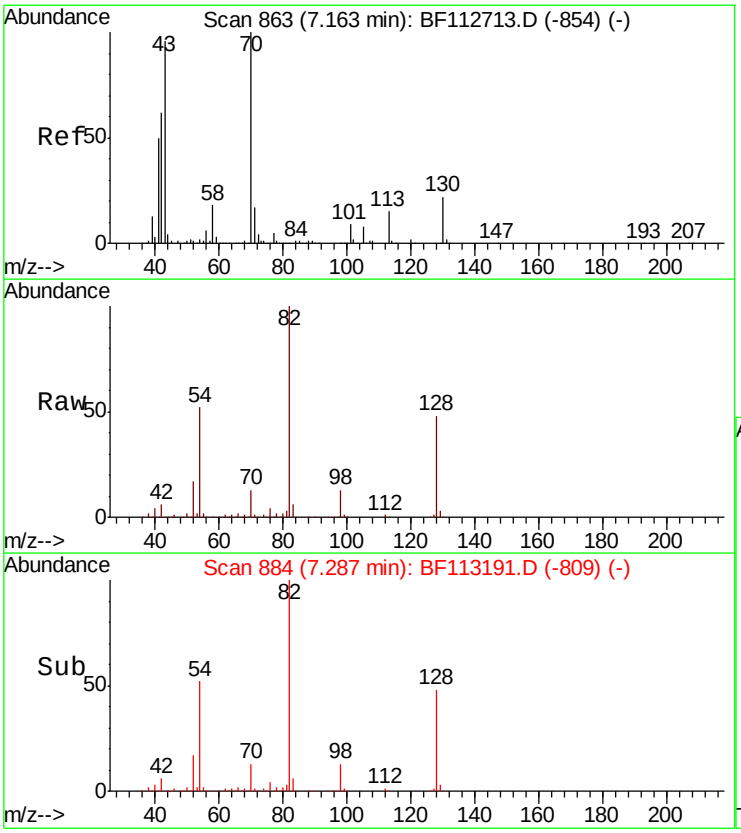
#7
Phenol-d6
Concen: 93.936 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 980774

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.2	22.8
71	33.0	25.7	38.5

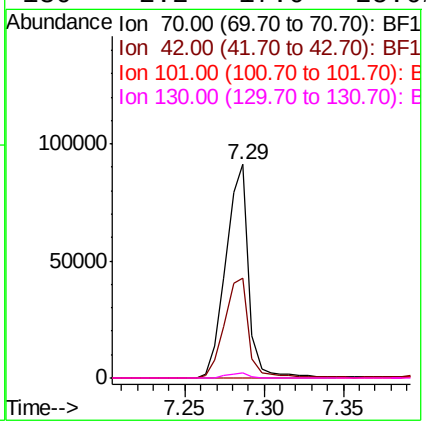


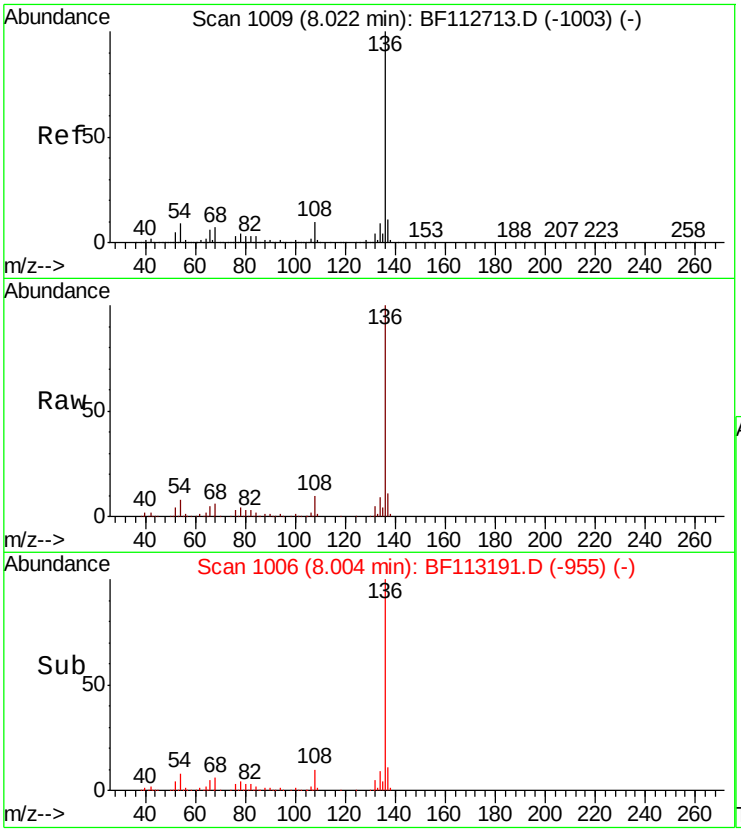


#19
n-Nitroso-di-n-propylamine
Concen: 13.848 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion: 70 Resp: 91568

Ion	Ratio	Lower	Upper
70	100		
42	46.7	50.4	75.6#
101	0.0	7.5	11.3#
130	2.2	17.0	25.6#



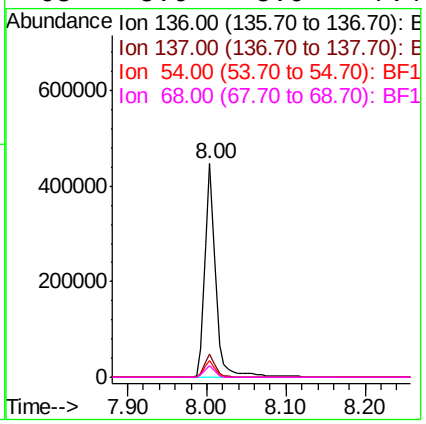


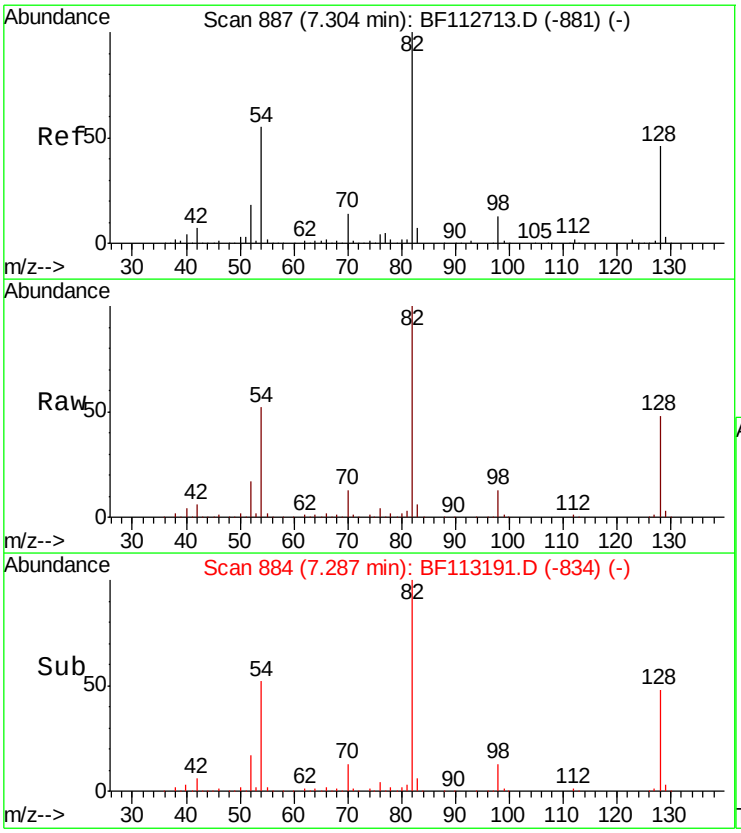
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 431234

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	7.0	10.6
68	5.6	5.0	7.4

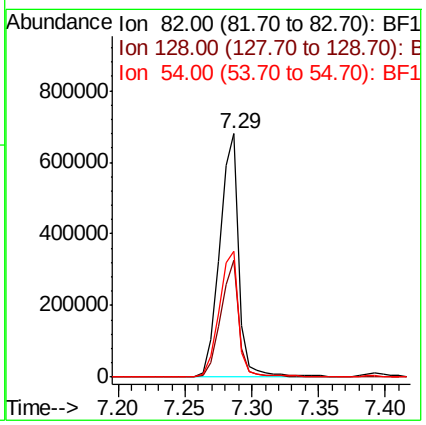


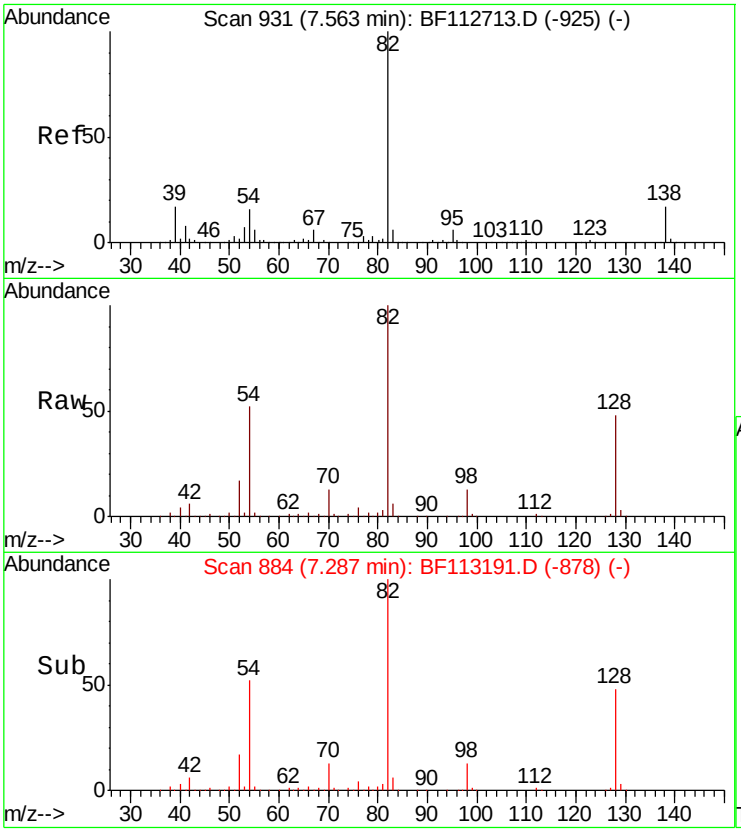


#23
Nitrobenzene-d5
Concen: 96.091 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion: 82 Resp: 692498

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.9	56.9
54	51.7	41.2	61.8



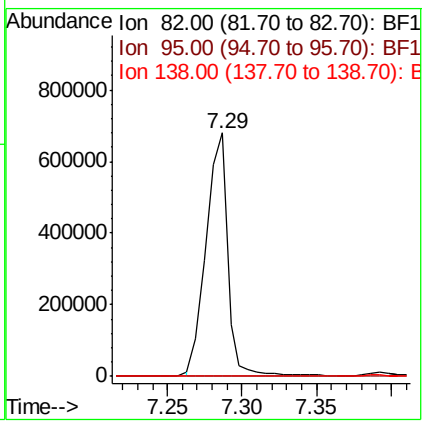


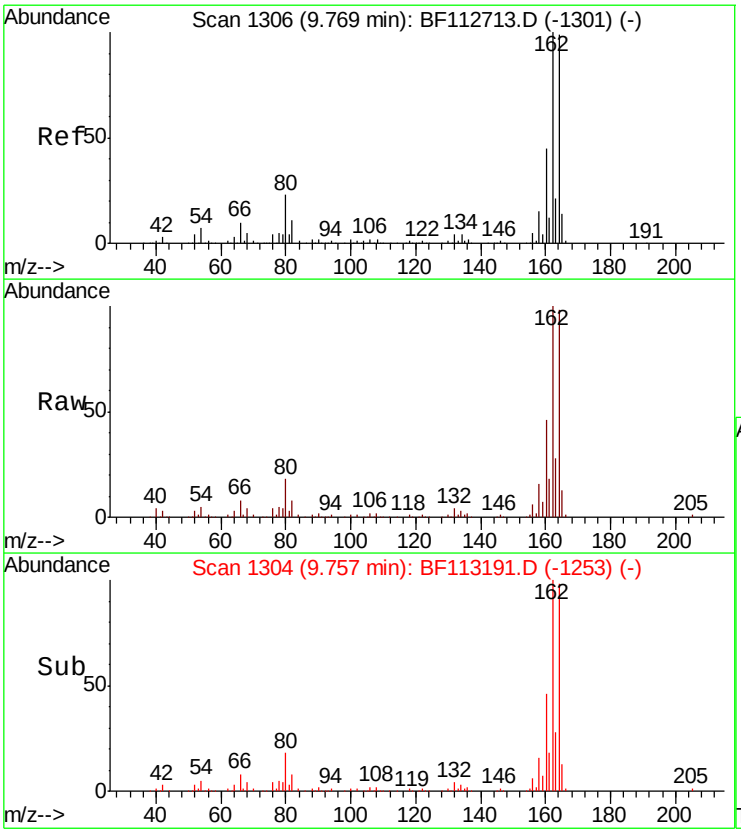
#25
Isophorone
Concen: 43.273 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 671840

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.5	21.7#

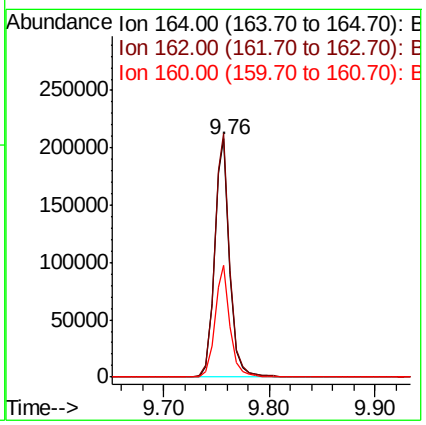


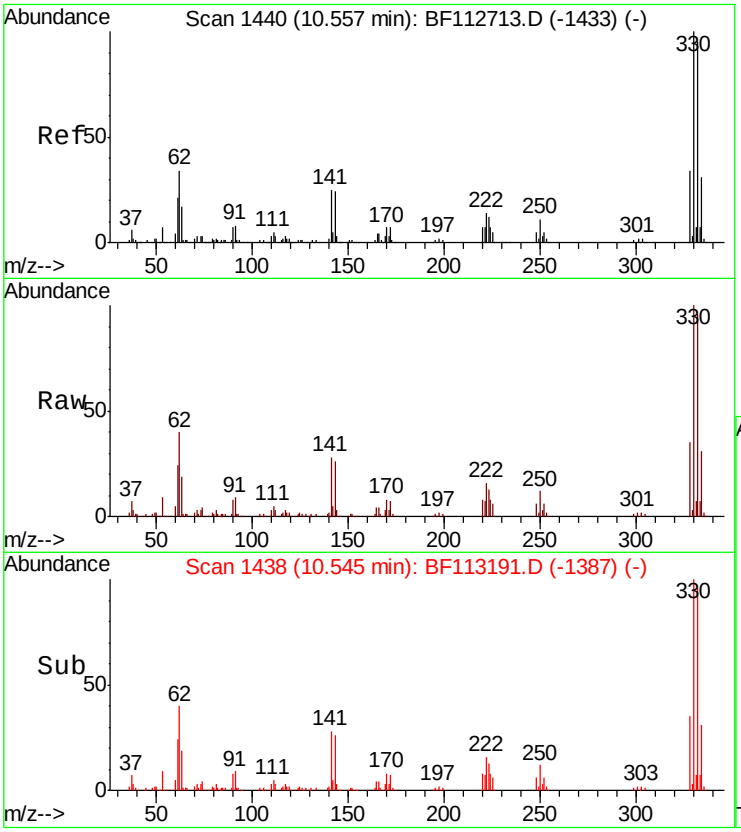


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion:164 Resp: 209933

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.8	121.2
160	46.8	36.2	54.2



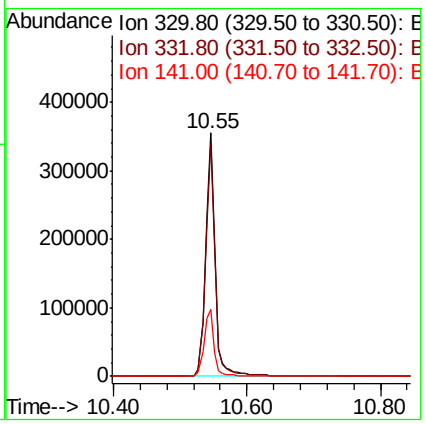


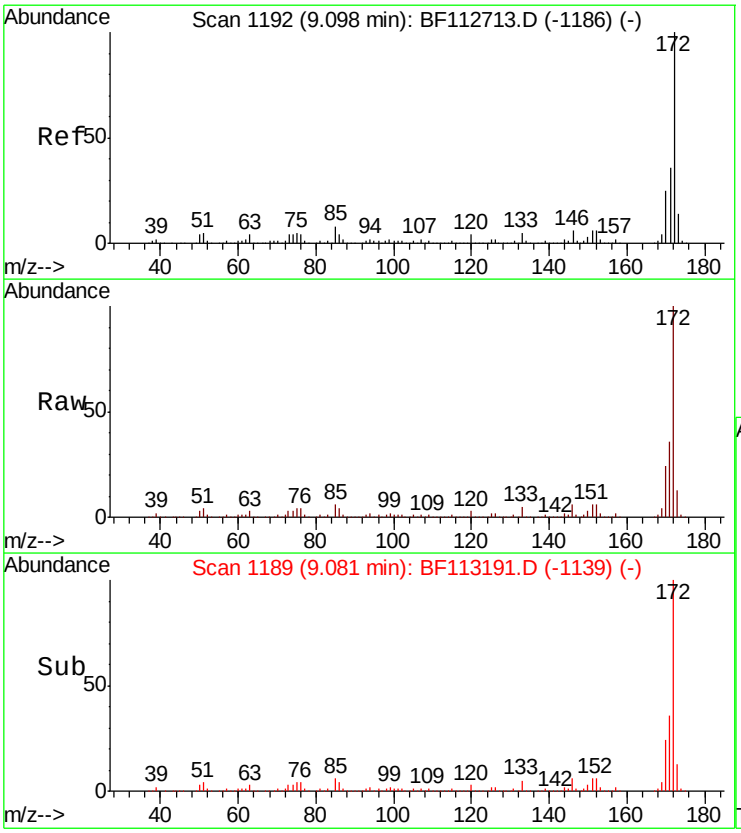
#42
2,4,6-Tribromophenol
Concen: 158.808 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 353935

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.3	114.5
141	28.7	22.3	33.5

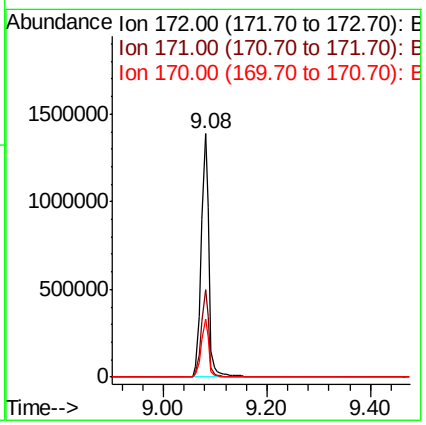


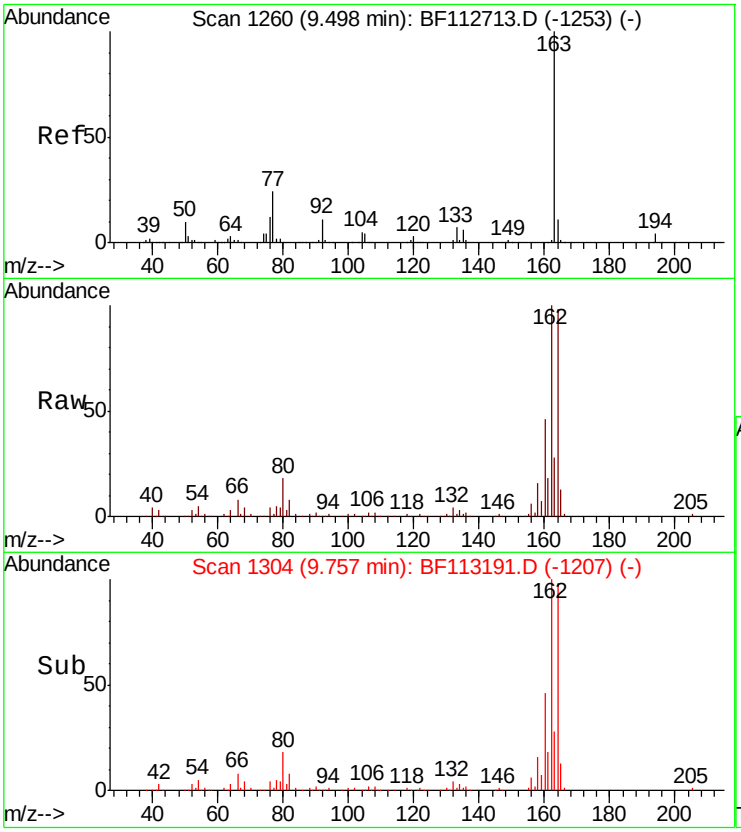


#45
2-Fluorobiphenyl
Concen: 130.854 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion:172 Resp: 1427668

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.1	20.1	30.1



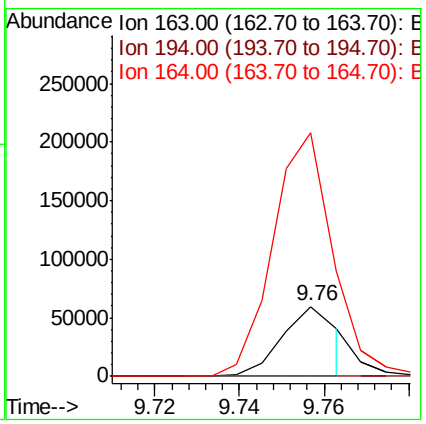


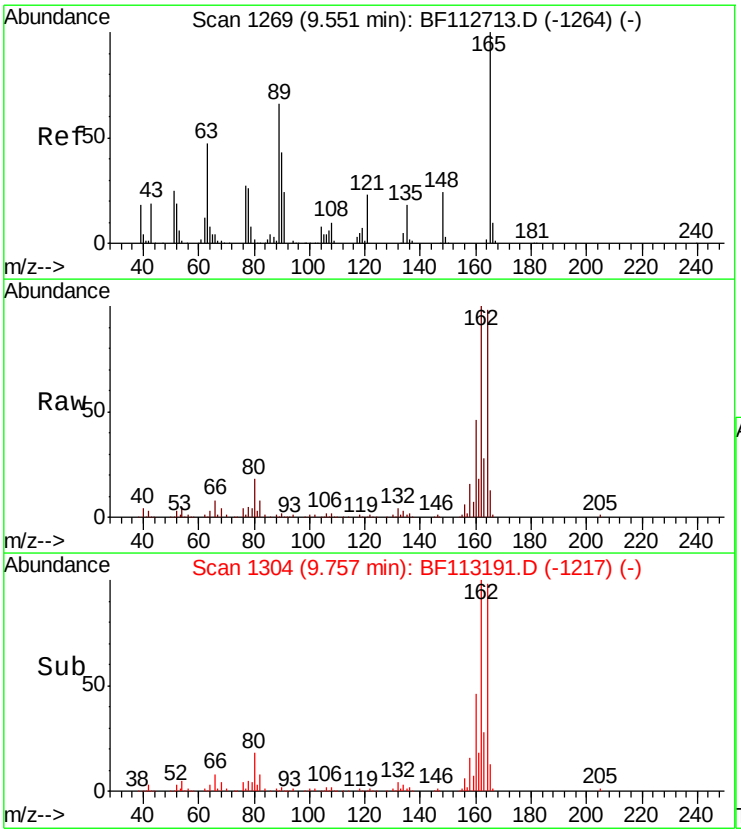
#50
Dimethylphthalate
Concen: 3.474 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.27 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 53775

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	349.1	8.6	12.8#

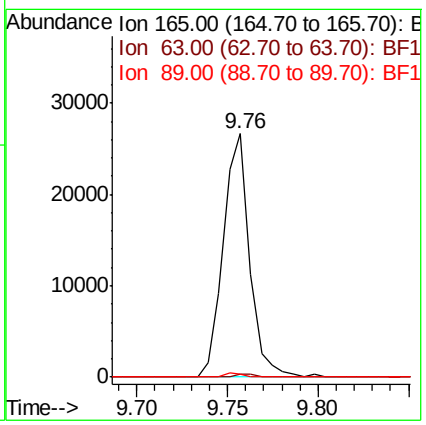


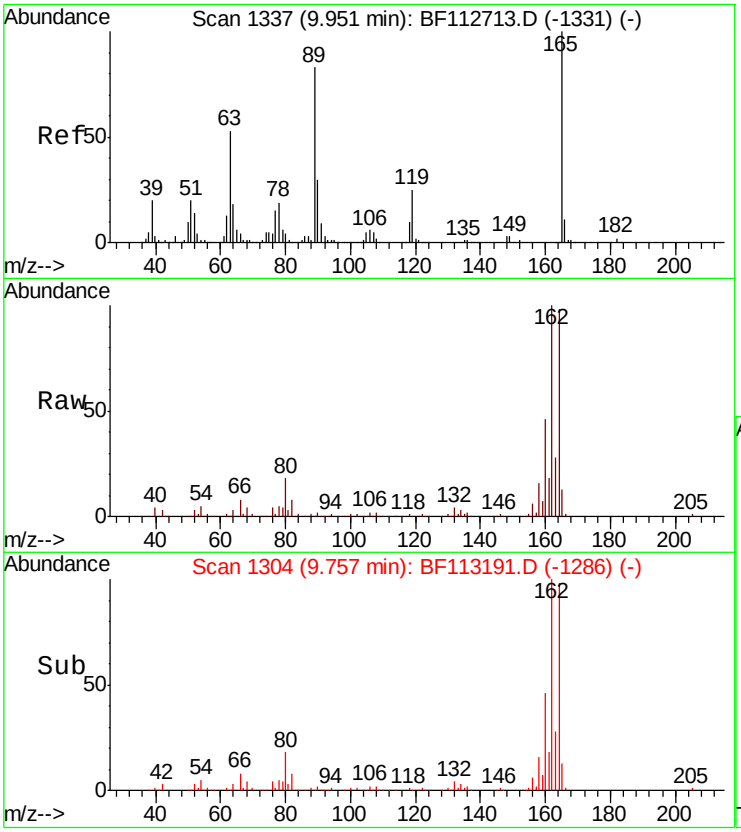


#51
2,6-Dinitrotoluene
Concen: 8.358 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion:165 Resp: 26941

Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.4	68.2#
89	1.3	43.8	65.6#



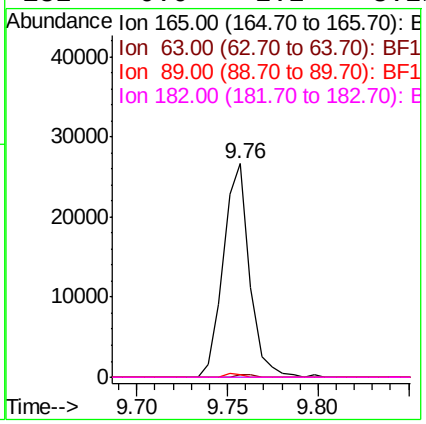


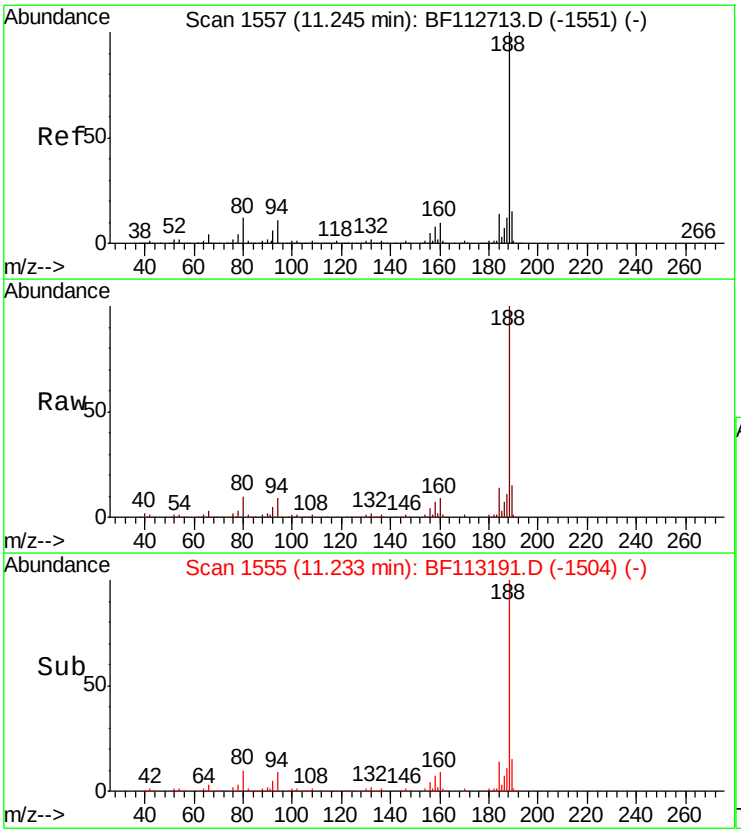
#57
2,4-Dinitrotoluene
Concen: 6.724 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26941

Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.9	56.9#
89	1.3	58.5	87.7#
182	0.0	2.2	3.2#

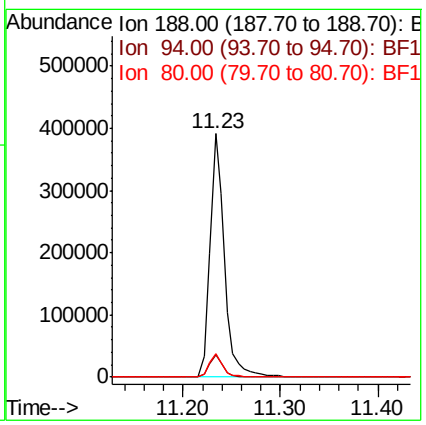


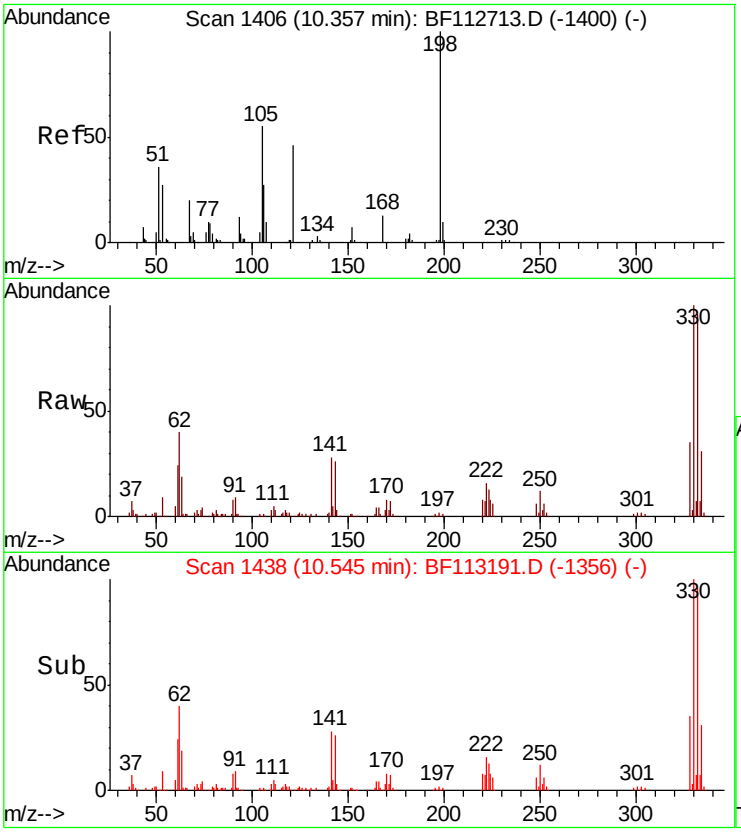


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion:188 Resp: 399861

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	9.9	7.9	11.9



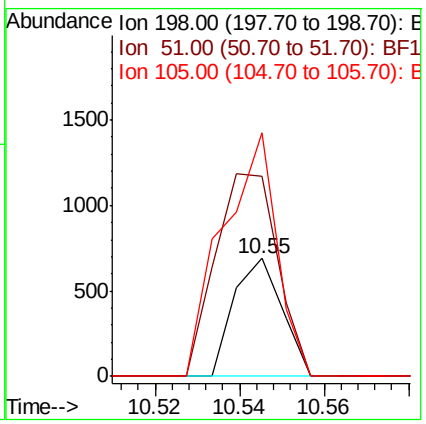


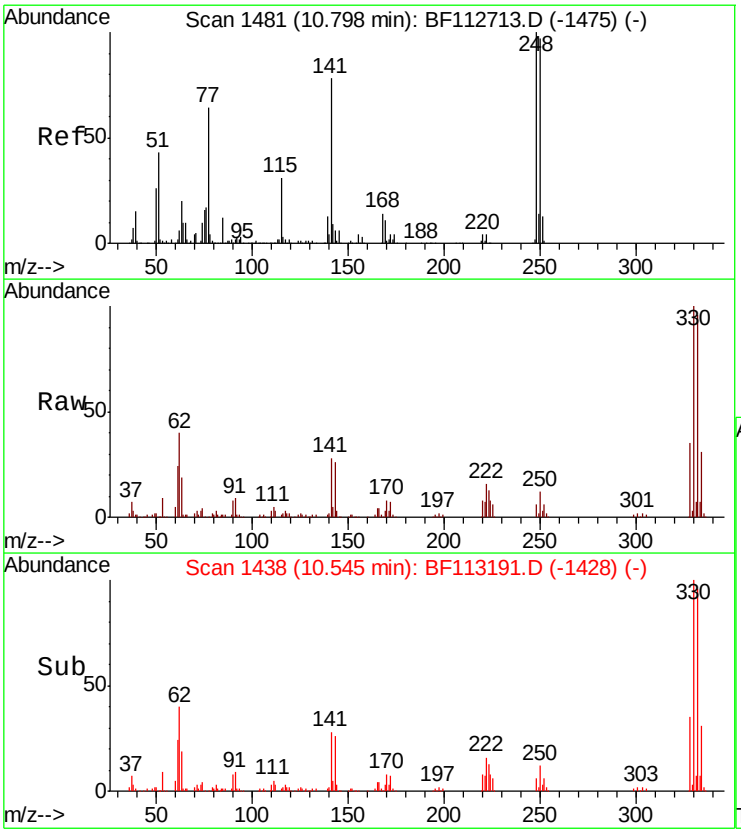
#65
4,6-Dinitro-2-methylphenol
Concen: 4.914 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 547

Ion	Ratio	Lower	Upper
198	100		
51	169.5	25.5	65.5#
105	206.2	23.2	63.2#

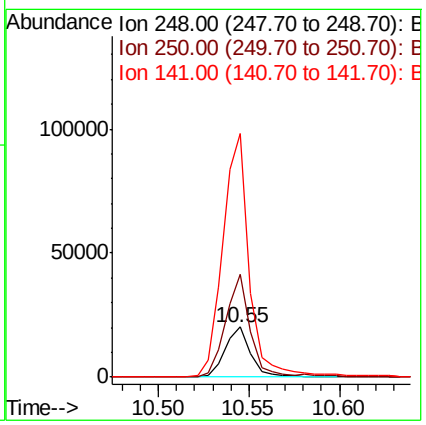


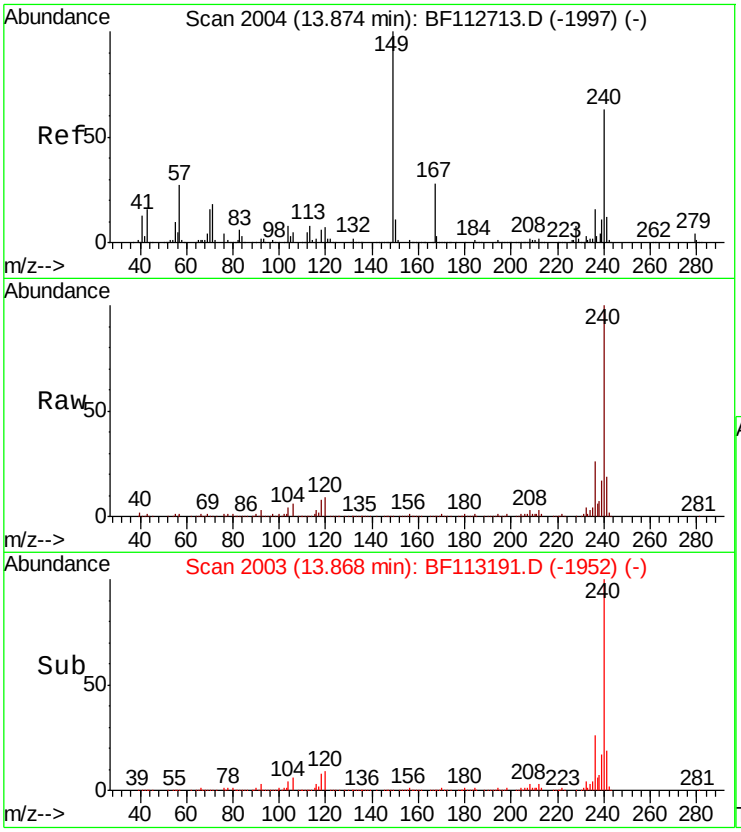


#67
4-Bromophenyl-phenylether
Concen: 4.753 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion:248 Resp: 20017

Ion	Ratio	Lower	Upper
248	100		
250	205.2	78.4	117.6#
141	488.6	45.9	68.9#



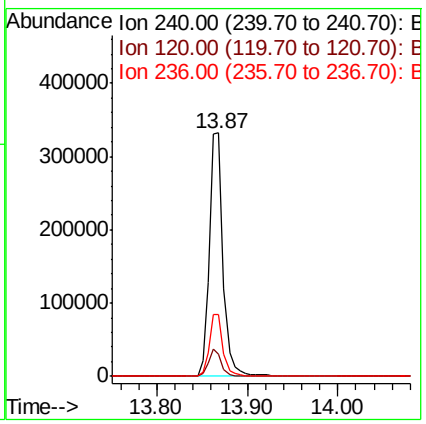


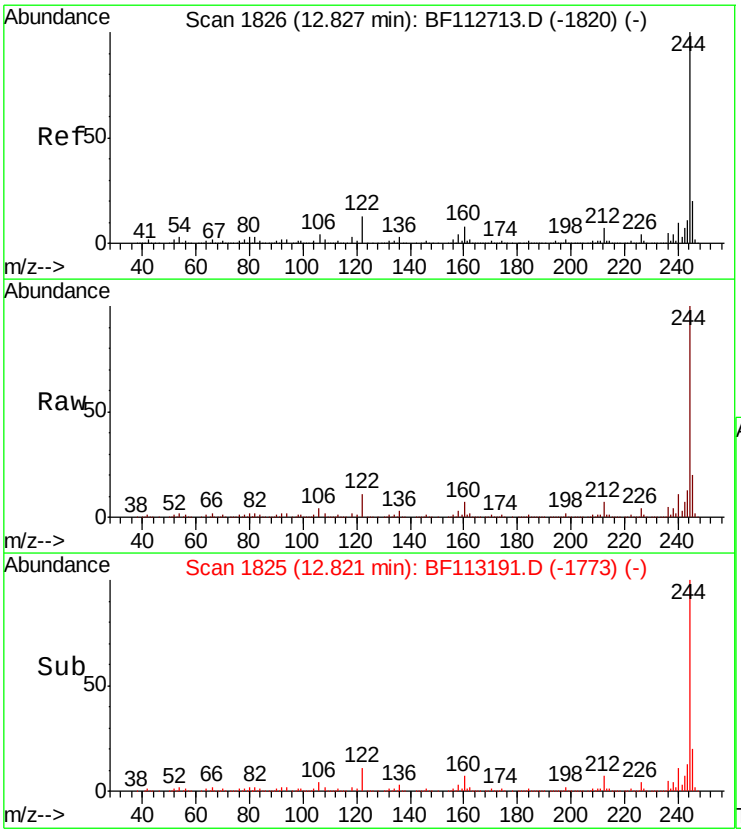
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 354414

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.6	12.8
236	25.6	21.2	31.8

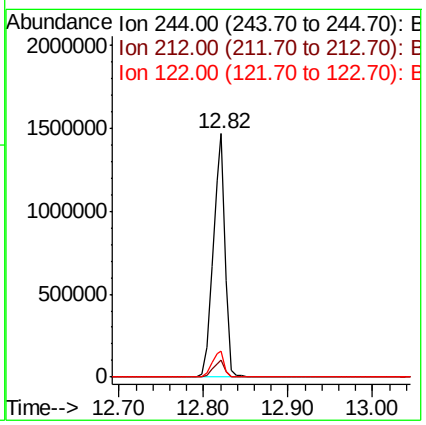


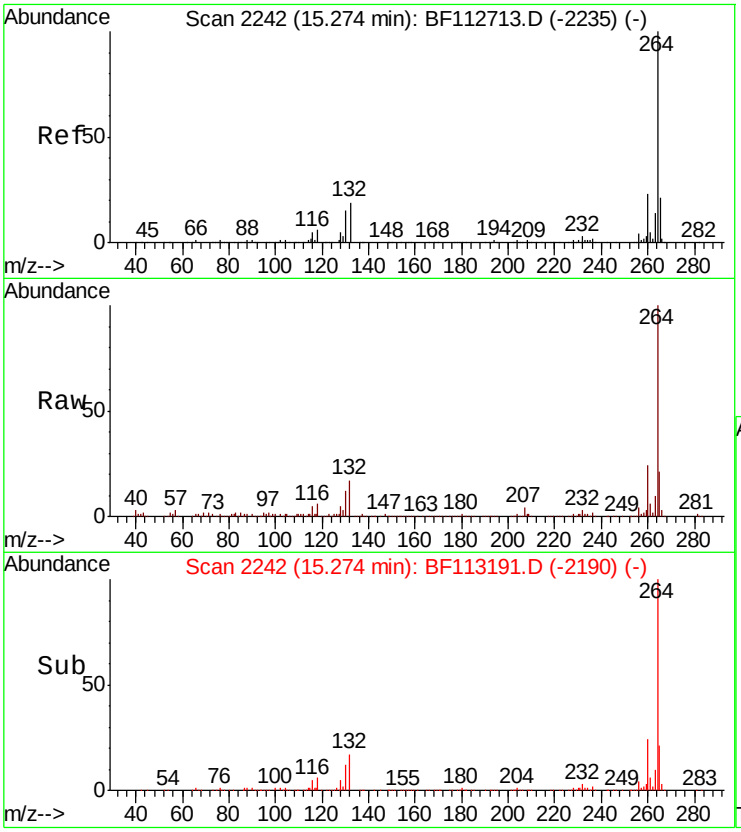


#79
Terphenyl-d14
Concen: 81.106 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion:244 Resp: 1482862

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.8	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 262627

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.7	26.5