Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112839.D
Acq On : 4 Mar 2019 22:01
Operator : JU/SJ
Sample : K1714-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-C-0-2

Quant Time: Mar 05 00:40:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	160232	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	586014	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	256120	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	482866	20.00	ng		0.01
76) Chrysene-d12	13.89	240	379187	20.00	ng		0.01
87) Perylene-d12	15.30	264	264384	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	871428	84.60	ng		0.01
7) Phenol-d6	6.38	99	1120248	86.58	ng		0.01
23) Nitrobenzene-d5	7.30	82	652513	66.63	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	294343	108.25	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1173296	73.16	ng		0.00
79) Terphenyl-d14	12.84	244	1094740	55.97	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.39	94	31752	2.103	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	86177	10.516	ng	#	75
25) Isophorone	7.30	82	644585	30.552	ng	#	66
50) Dimethylphthalate	9.49	163	89680	4.749	ng		98
51) 2,6-Dinitrotoluene	9.77	165	33089	8.414	ng	#	18
57) 2,4-Dinitrotoluene	9.77	165	33090	6.769	ng	#	17
65) 4,6-Dinitro-2-methylphenol	10.56	198	447	4.816	ng	#	1
67) 4-Bromophenyl-phenylether	10.56	248	16246	3.194	ng	#	1

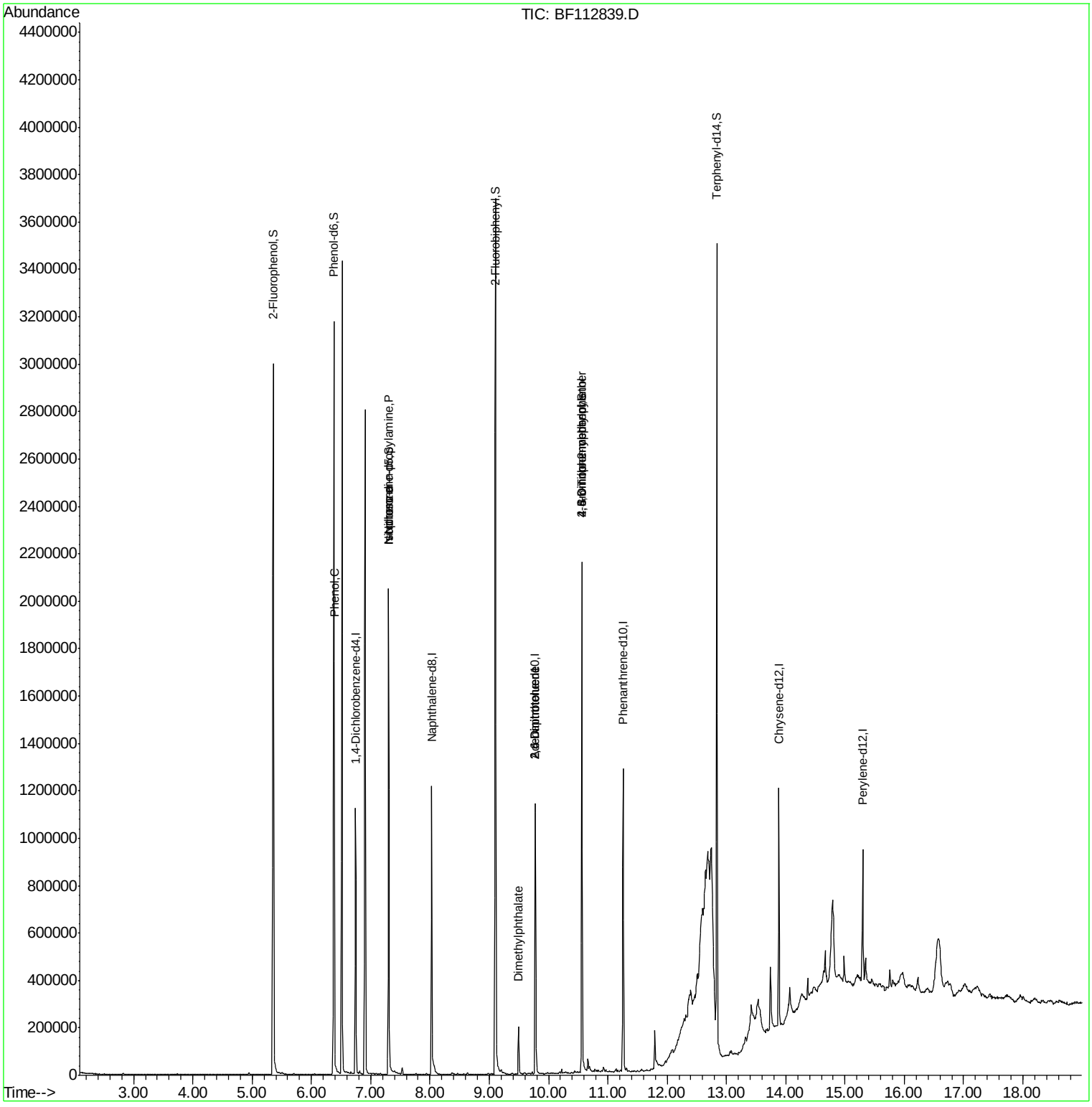
(#) = qualifier out of range (m) = manual integration (+) = signals summed

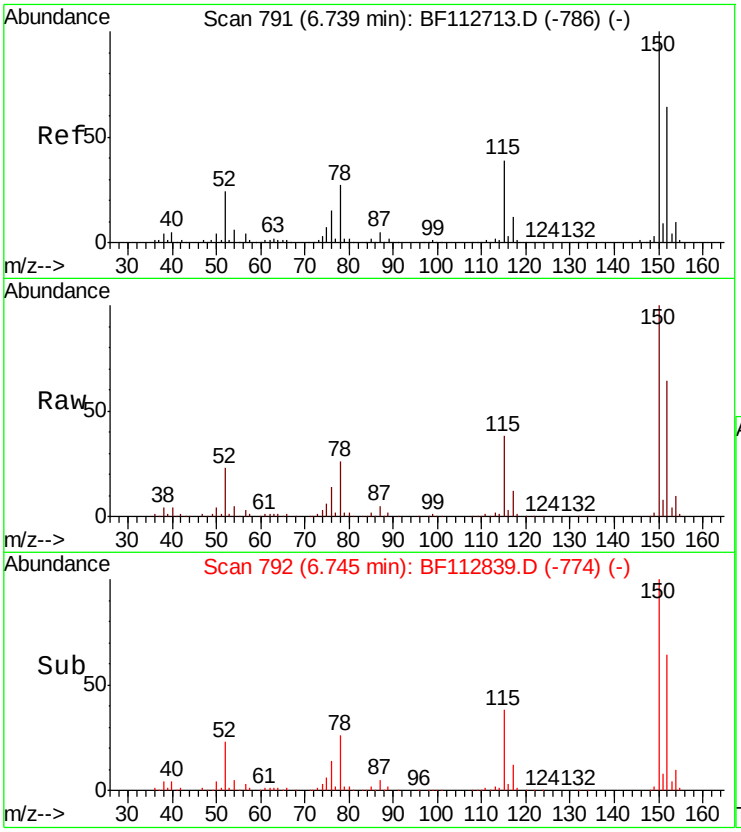
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112839.D
Acq On : 4 Mar 2019 22:01
Operator : JU/SJ
Sample : K1714-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Quant Time: Mar 05 00:40:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



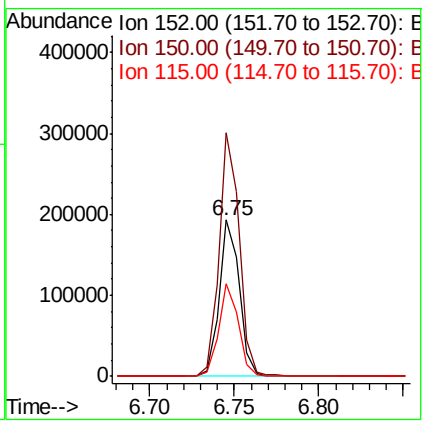


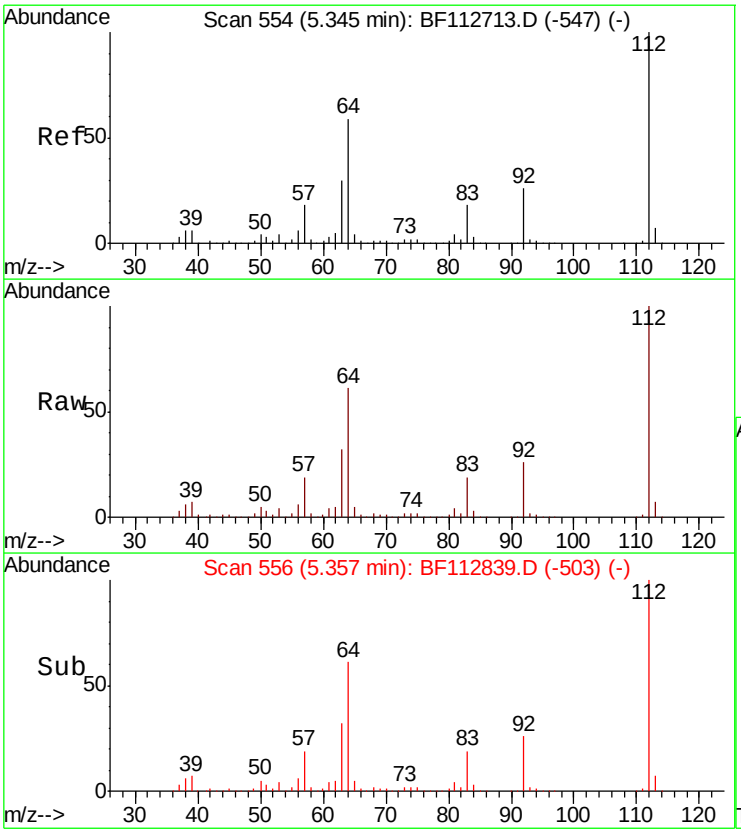
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tgt Ion:152 Resp: 160232

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.2	186.2
115	59.0	48.2	72.4

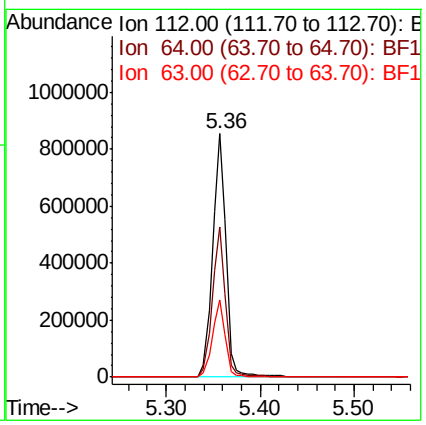


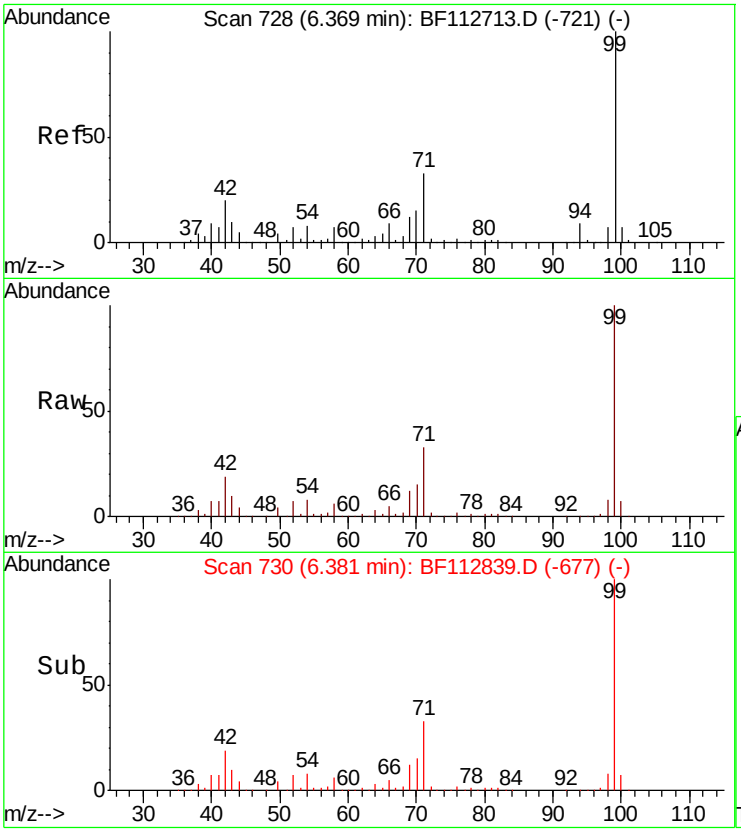


#5
2-Fluorophenol
Concen: 84.599 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion:112 Resp: 871428

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.6	71.4
63	31.6	24.4	36.6



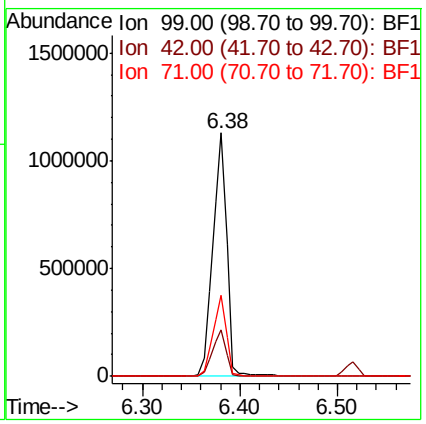


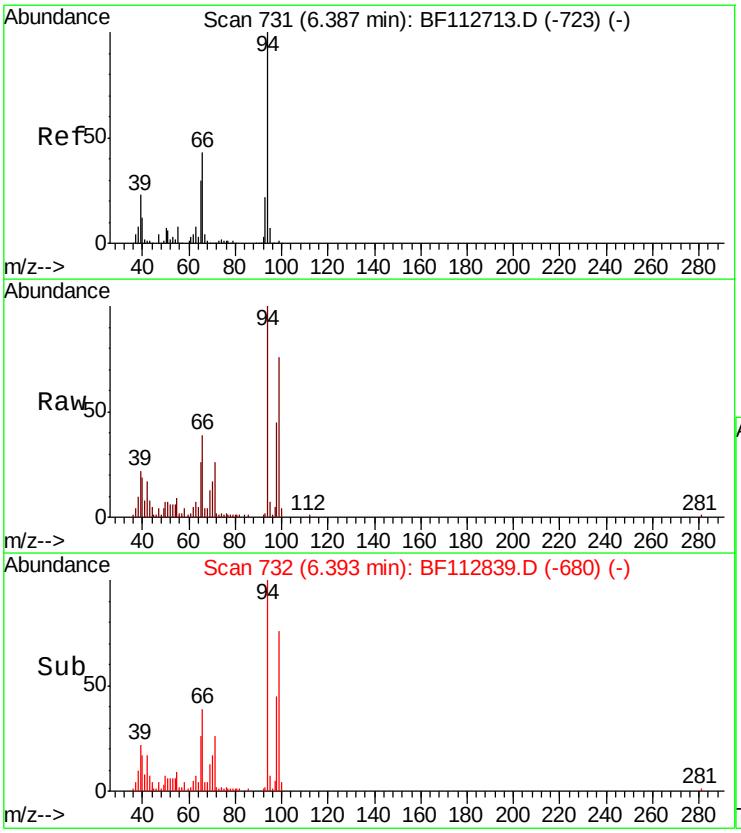
#7
Phenol-d6
Concen: 86.577 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tgt Ion: 99 Resp: 1120248

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.3	24.5
71	33.1	26.2	39.4

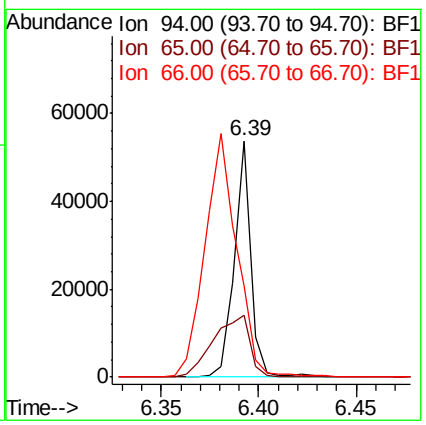


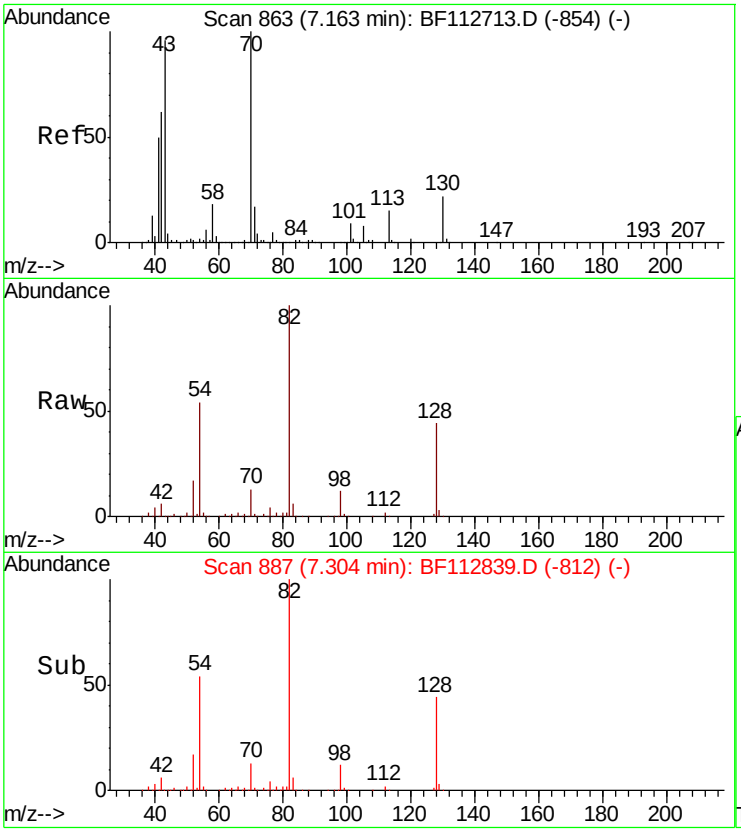


#10
Phenol
Concen: 2.103 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion: 94 Resp: 31752

Ion	Ratio	Lower	Upper
94	100		
65	26.4	10.5	50.5
66	38.7	22.6	62.6



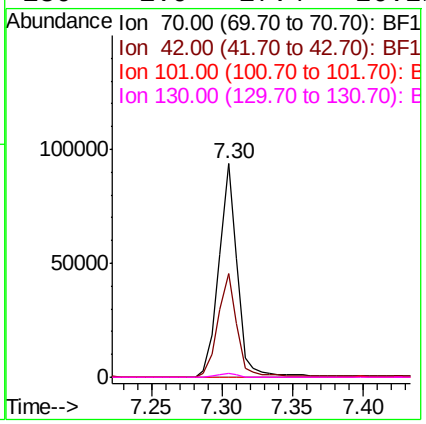


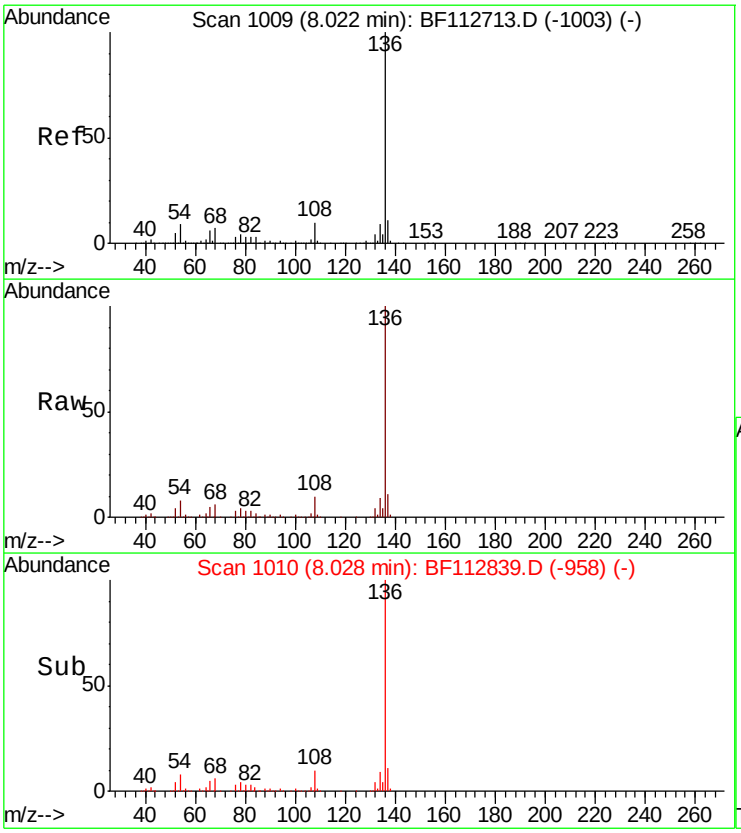
#19
n-Nitroso-di-n-propylamine
Concen: 10.516 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tgt Ion: 70 Resp: 86177

Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.9	74.9#
101	0.0	7.4	11.2#
130	1.9	17.4	26.2#

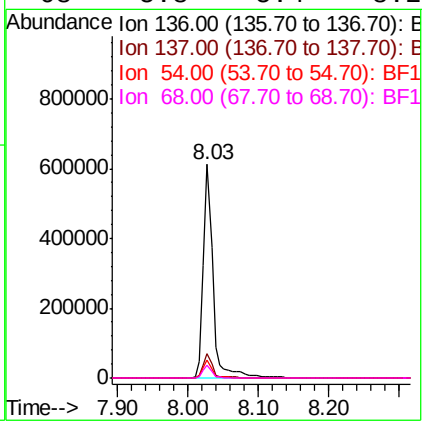


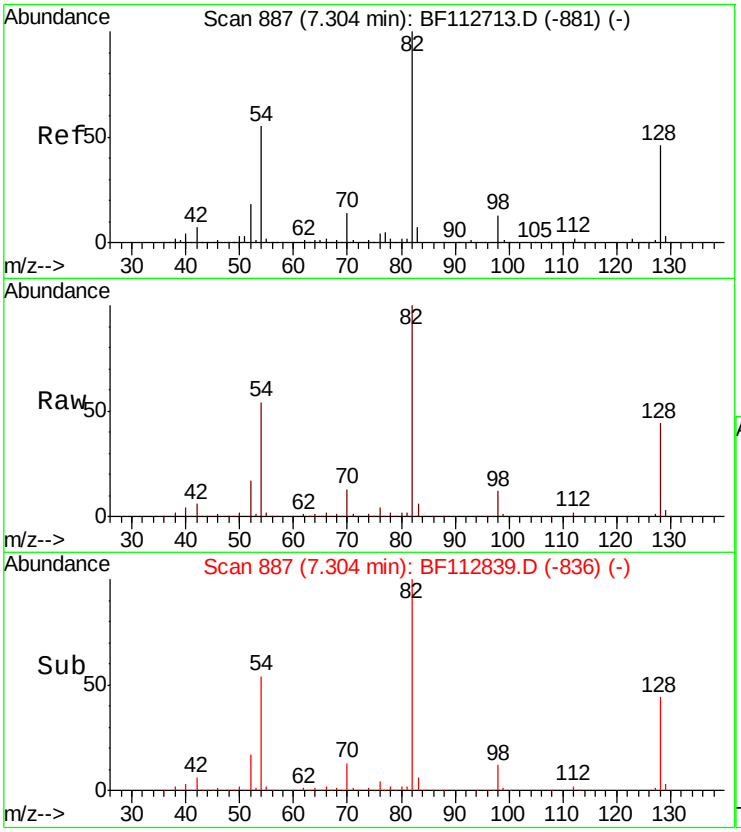


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion:136 Resp: 586014

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.2	7.3	10.9
68	5.8	5.4	8.2



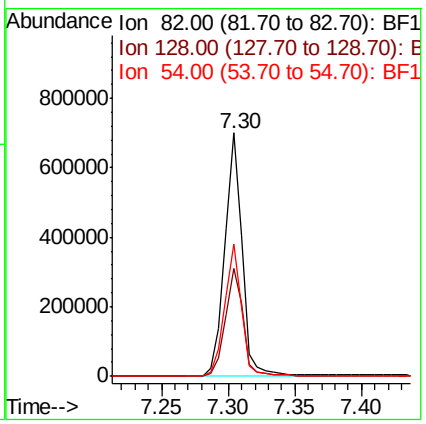


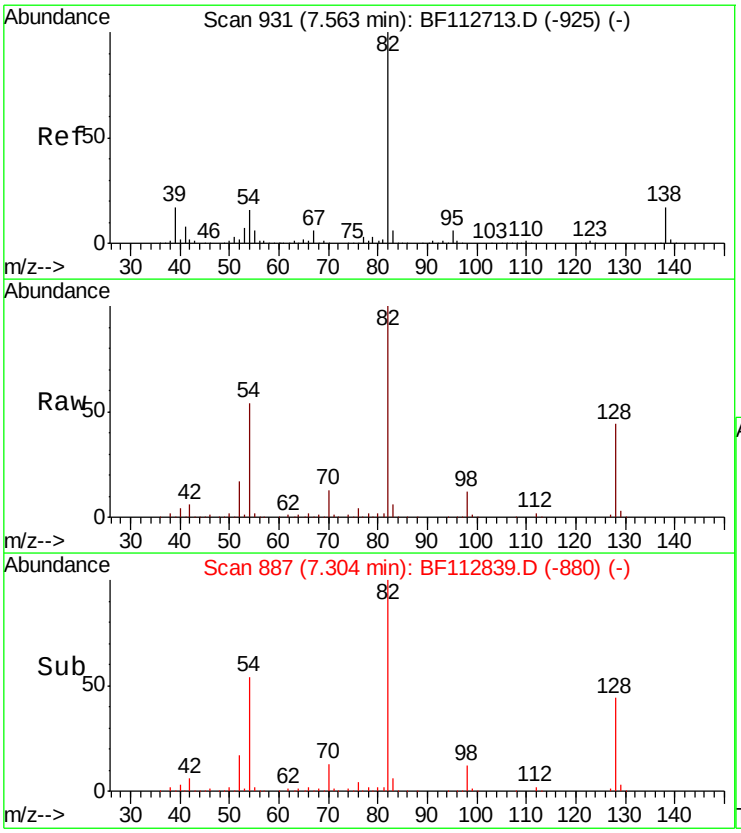
#23
Nitrobenzene-d5
Concen: 66.628 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tgt Ion: 82 Resp: 652513

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.3	54.5
54	54.1	43.7	65.5

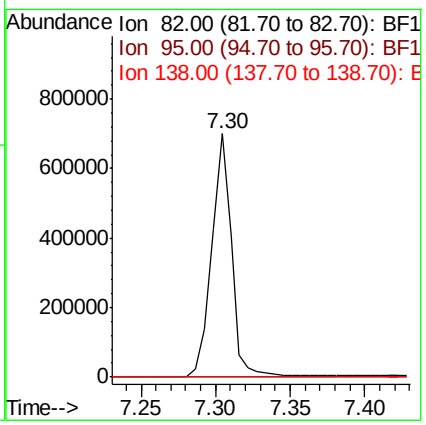


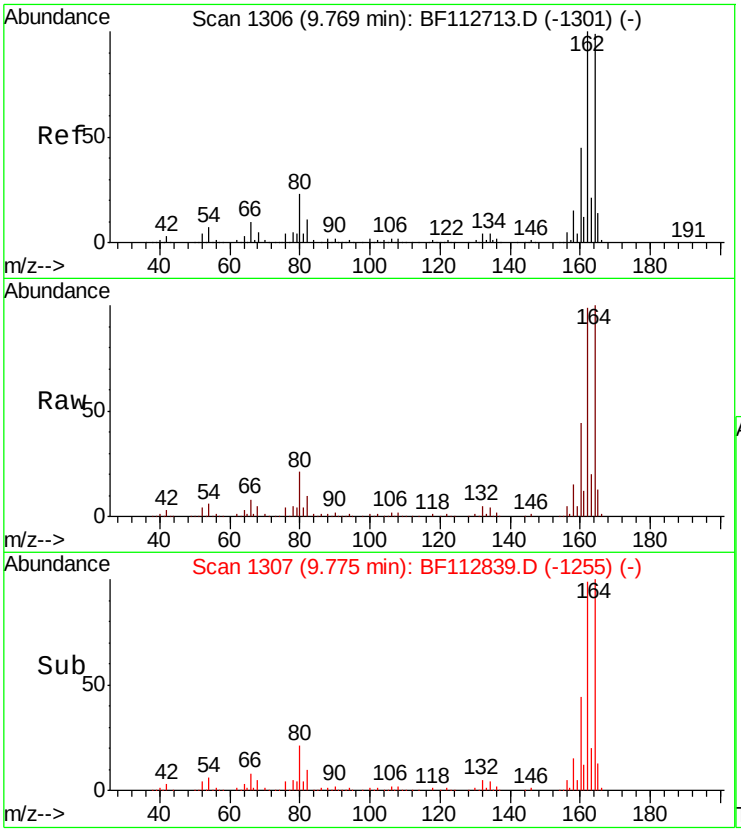


#25
Isophorone
Concen: 30.552 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion: 82 Resp: 644585

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



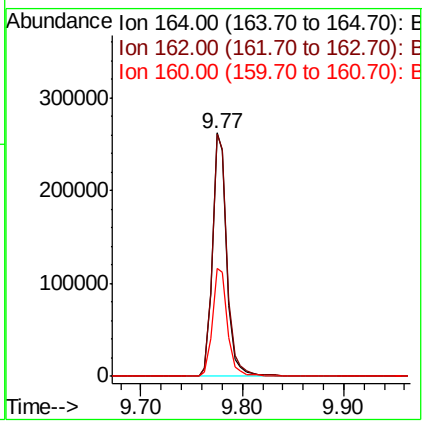


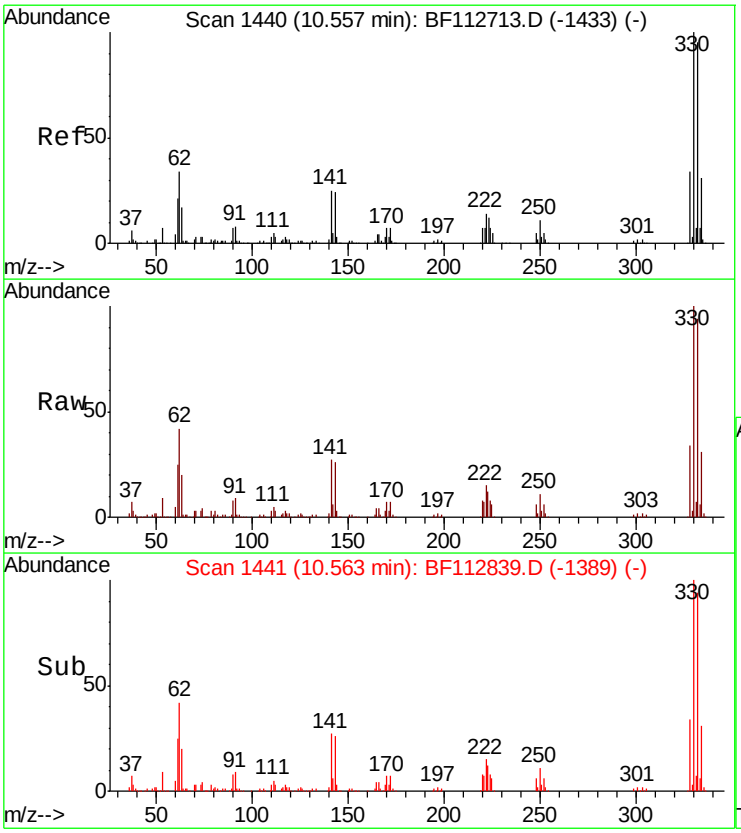
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tgt Ion:164 Resp: 256120

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	120.8
160	44.1	36.0	54.0

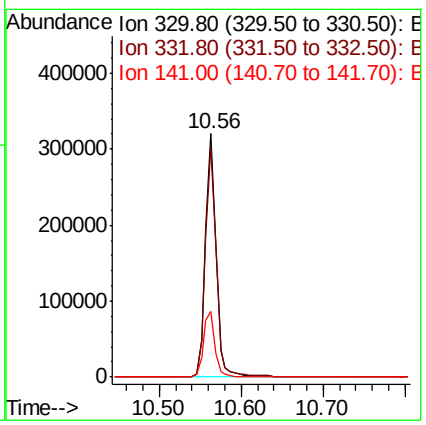


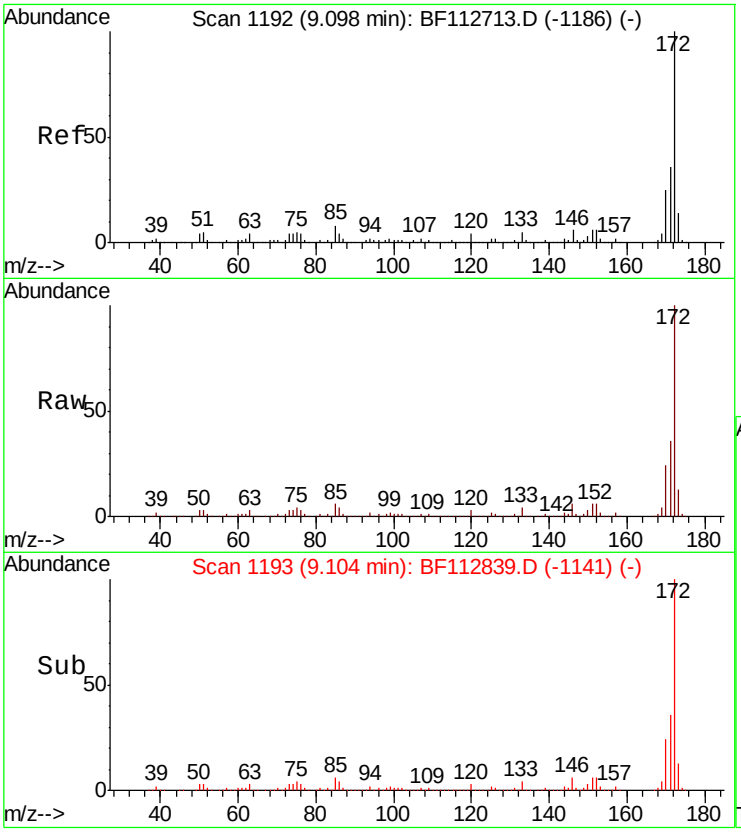


#42
2,4,6-Tribromophenol
Concen: 108.253 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion:330 Resp: 294343

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.2	114.4
141	29.1	27.0	40.6



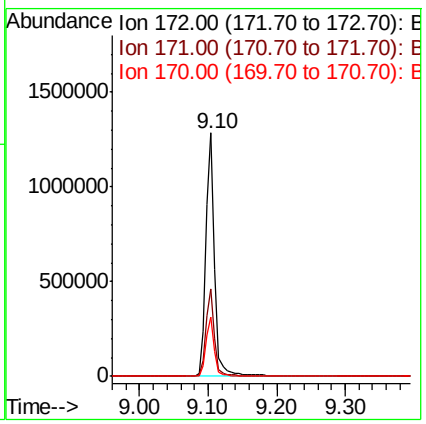


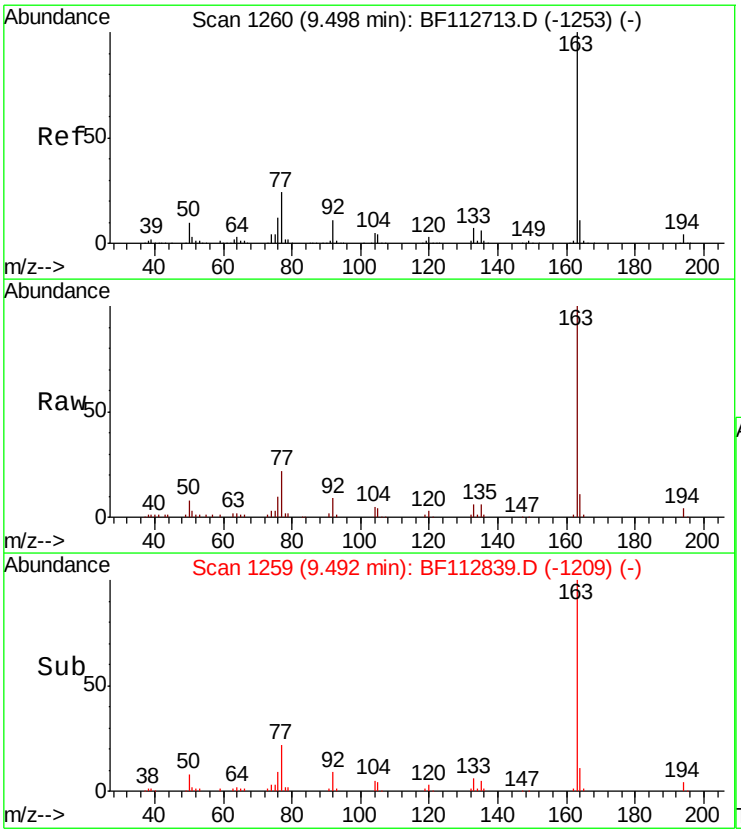
#45
2-Fluorobiphenyl
Concen: 73.162 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tgt Ion:172 Resp: 1173296

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.2	20.0	30.0

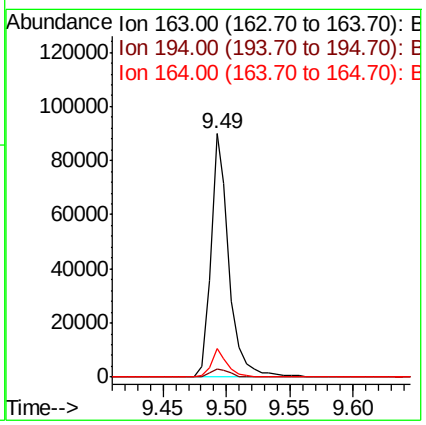


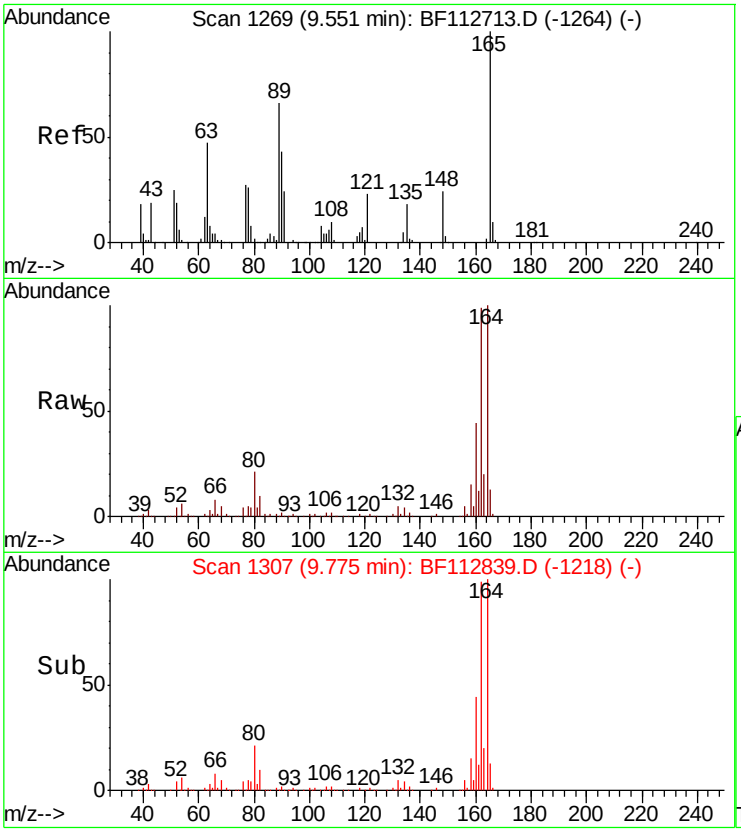


#50
Dimethylphthalate
Concen: 4.749 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion:163 Resp: 89680

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	11.5	8.4	12.6



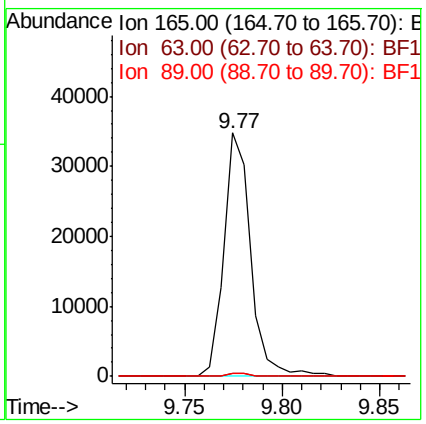


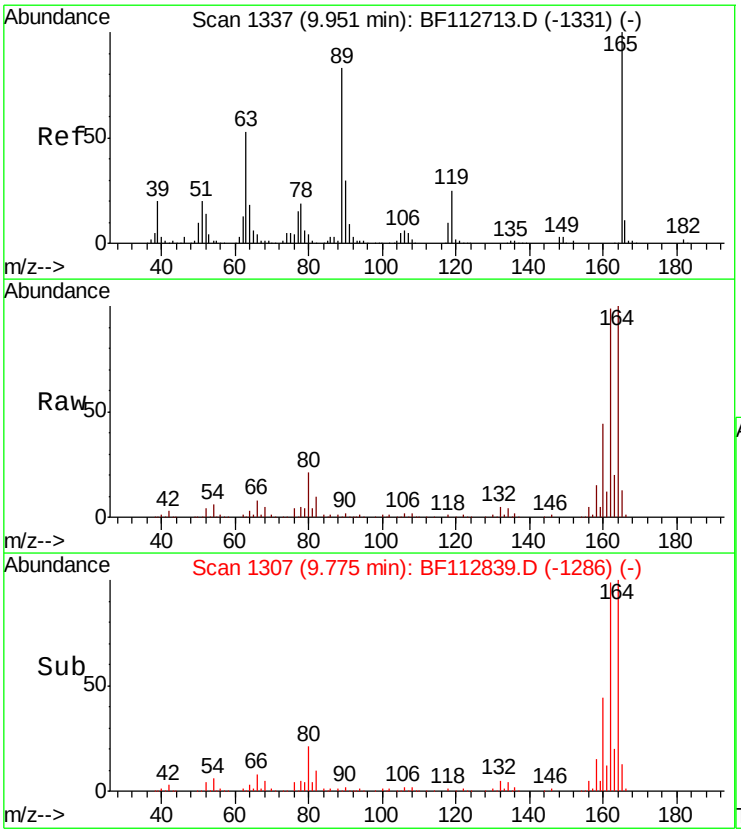
#51
2,6-Dinitrotoluene
Concen: 8.414 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tgt Ion:165 Resp: 33089

Ion	Ratio	Lower	Upper
165	100		
63	1.1	54.1	81.1#
89	1.2	52.8	79.2#

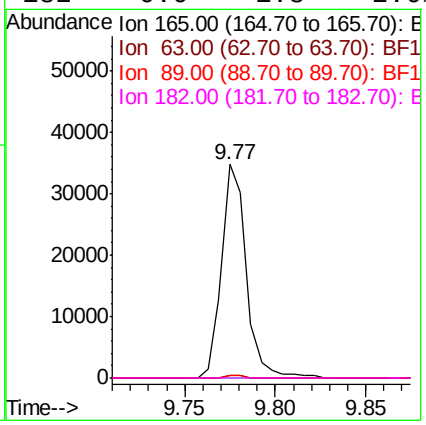


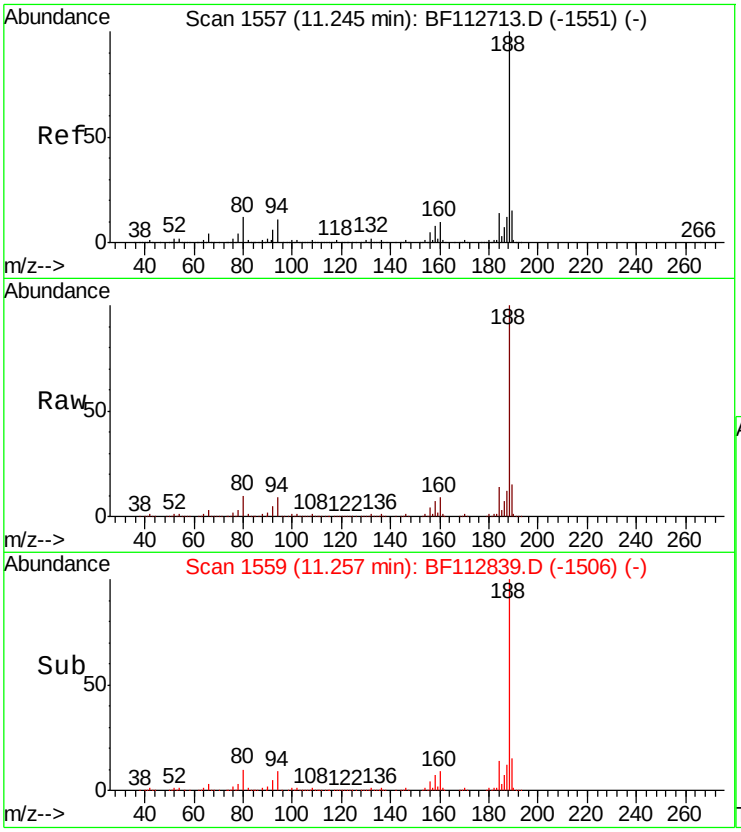


#57
2,4-Dinitrotoluene
Concen: 6.769 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion:165 Resp: 33090

Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#



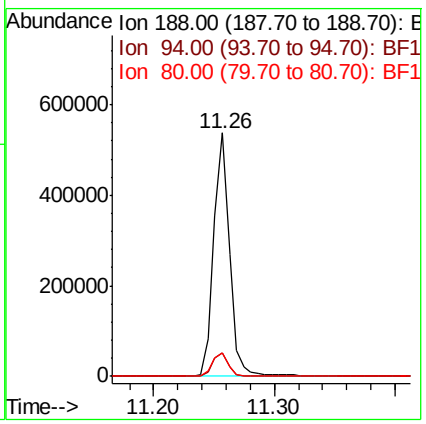


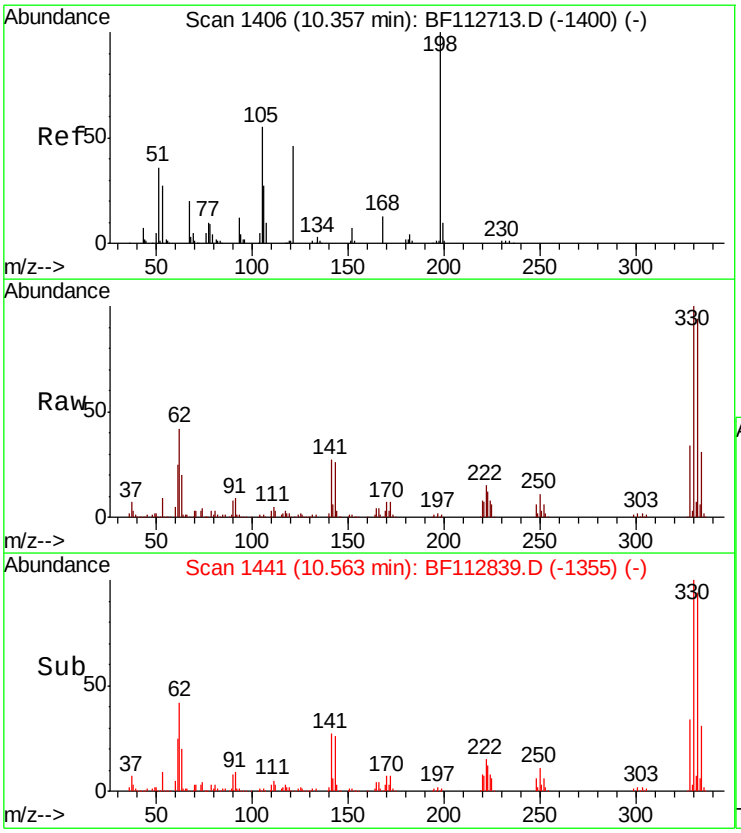
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tgt Ion:188 Resp: 482866

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.6	9.2	13.8

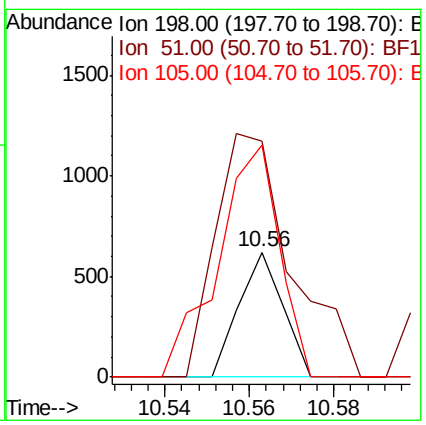


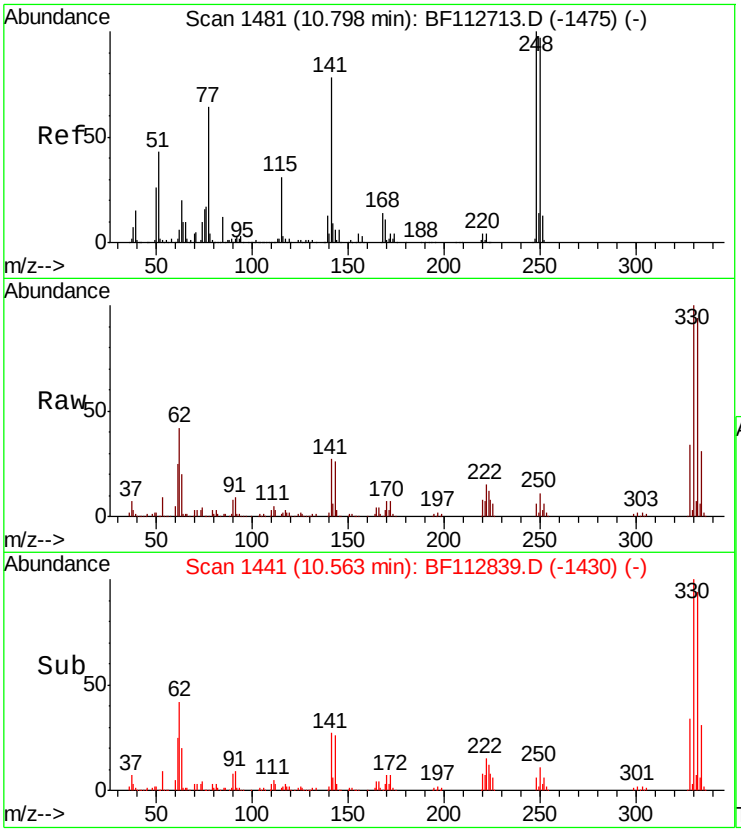


#65
4,6-Dinitro-2-methylphenol
Concen: 4.816 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.21 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion:198 Resp: 447

Ion	Ratio	Lower	Upper
198	100		
51	189.5	43.8	83.8#
105	186.1	36.5	76.5#



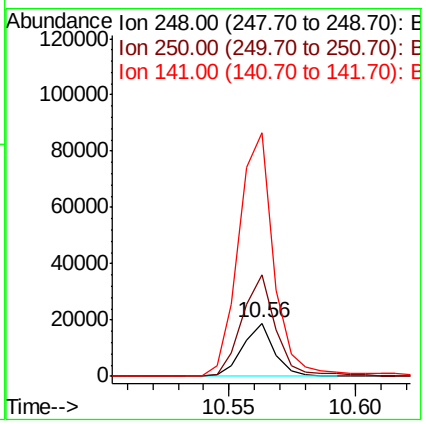


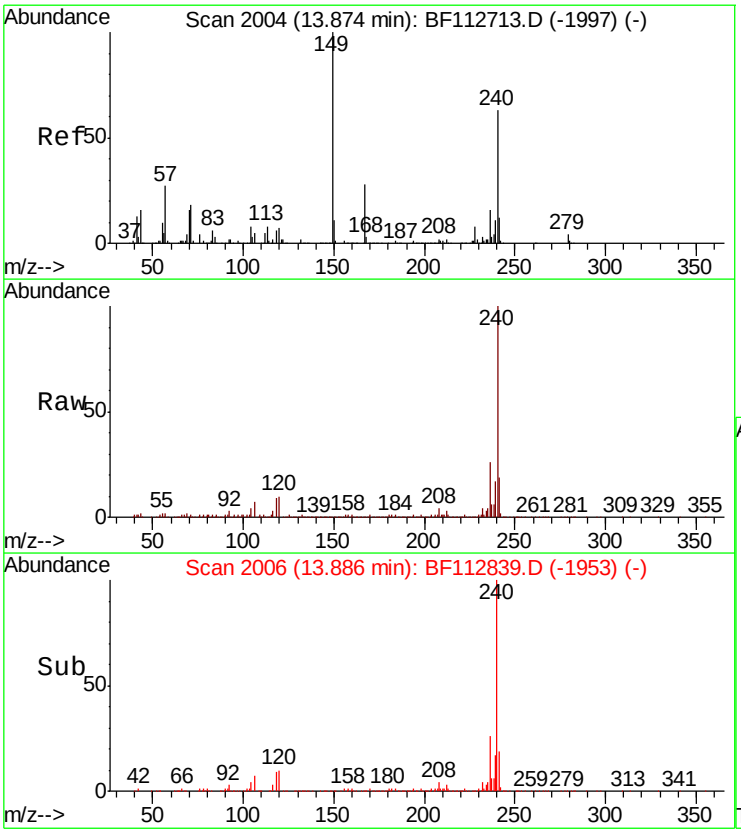
#67
4-Bromophenyl-phenylether
Concen: 3.194 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tgt Ion:248 Resp: 16246

Ion	Ratio	Lower	Upper
248	100		
250	190.3	77.5	116.3#
141	456.1	62.4	93.6#

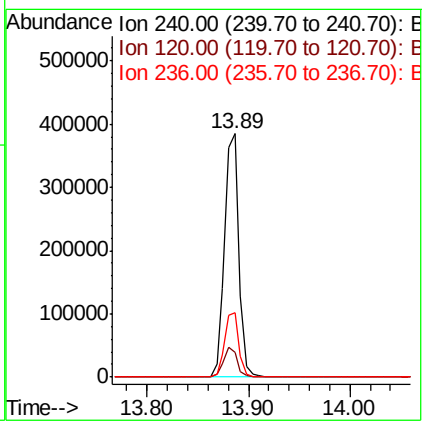


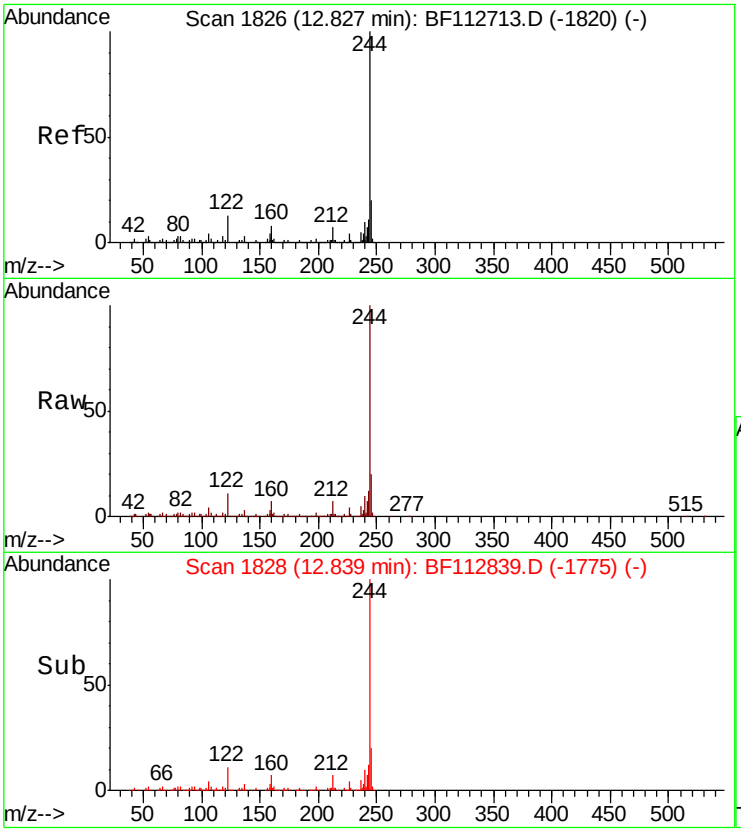


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion:240 Resp: 379187

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	26.3	20.7	31.1



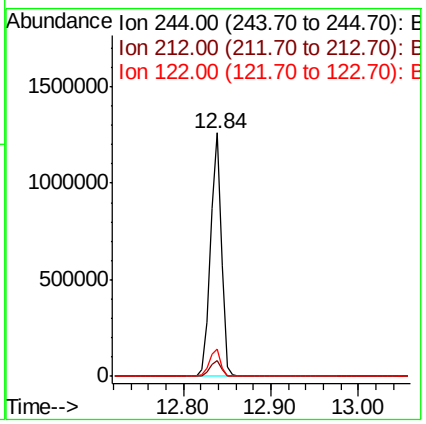


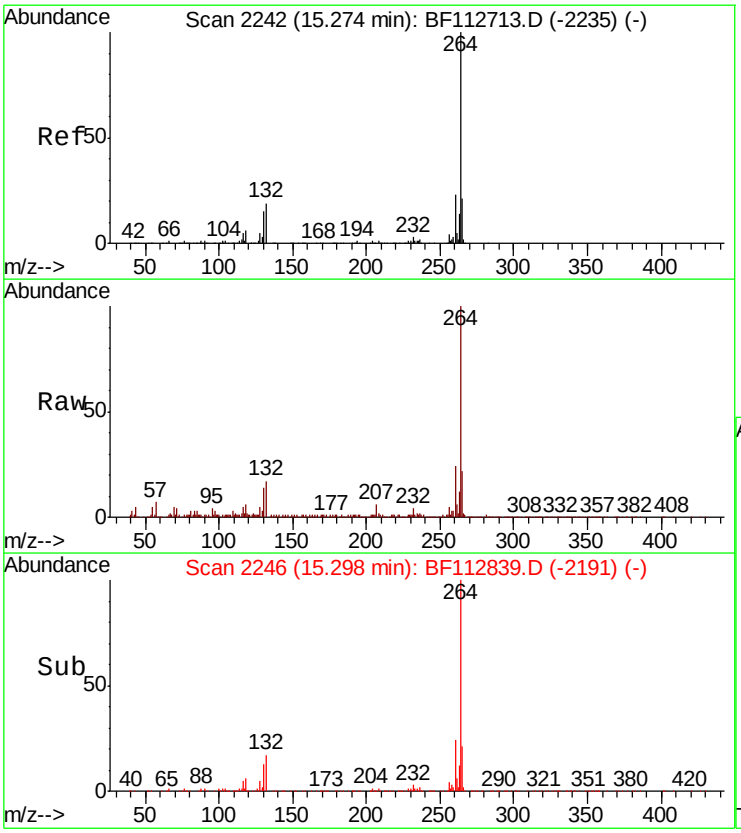
#79
Terphenyl-d14
Concen: 55.966 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tgt Ion:244 Resp: 1094740

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.1	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.02 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion:264 Resp: 264384

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.8	17.2	25.8