Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108411.D
Acq On : 23 Aug 2018 5:47
Operator : JU/SJ
Sample : J4525-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 23 08:00:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	149996	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	538686	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	252429	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	420165	20.00	ng	0.00
75) Chrysene-d12	14.19	240	289202	20.00	ng	-0.01
86) Perylene-d12	15.75	264	239317	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	335795	40.53	ng	0.00
7) Phenol-d6	6.61	99	270877	24.60	ng	-0.02
23) Nitrobenzene-d5	7.57	82	972482	100.74	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	188128	74.72	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1725545	109.75	ng	0.00
78) Terphenyl-d14	13.13	244	1249113	109.82	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	133271	17.901	ng	# 85
25) Isophorone	7.57	82	972612	52.859	ng	# 64
49) Dimethylphthalate	9.75	163	72604	4.129	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	31406	8.537	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	31406	6.632	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	262	5.506	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	12222	2.677	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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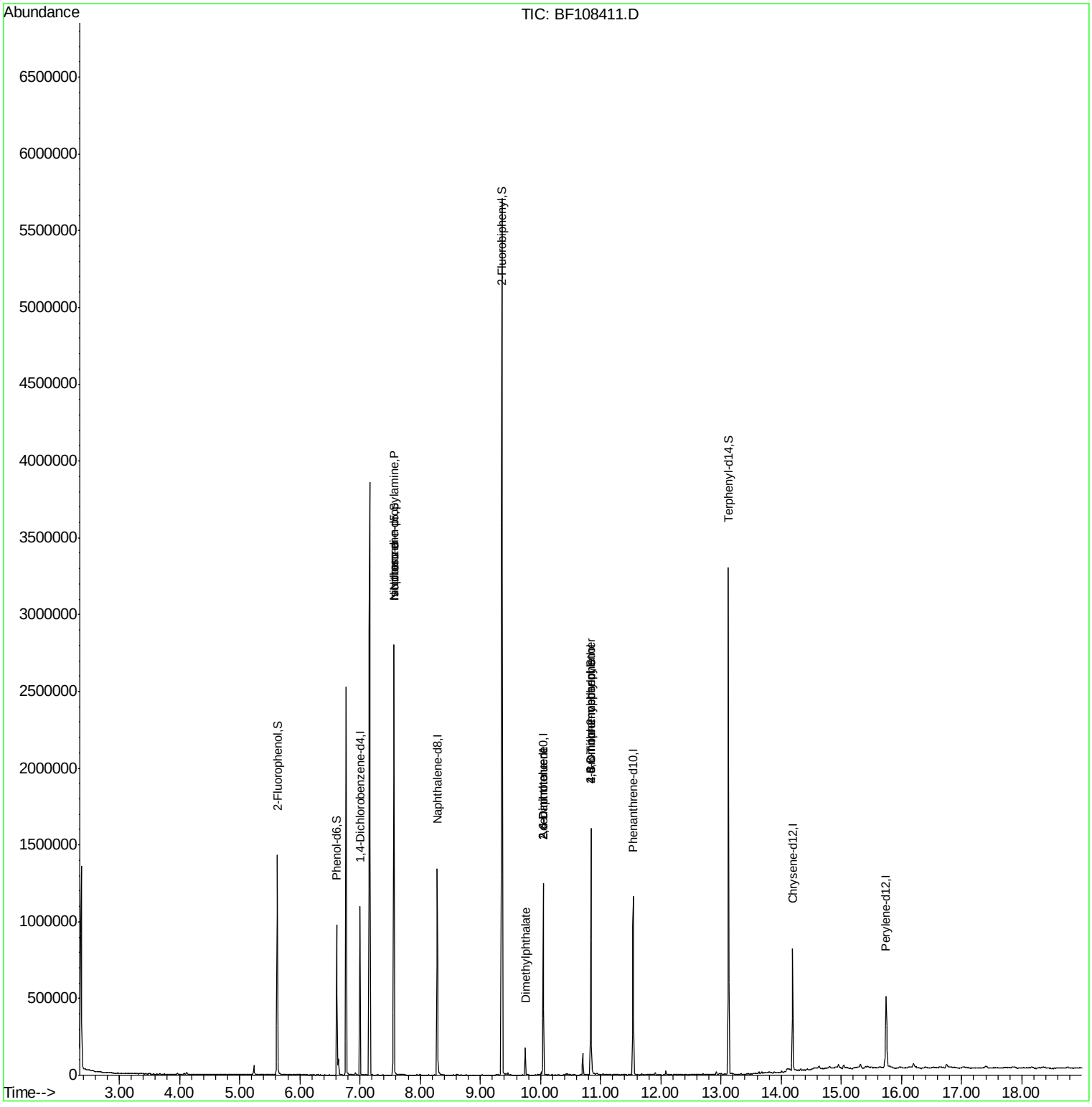
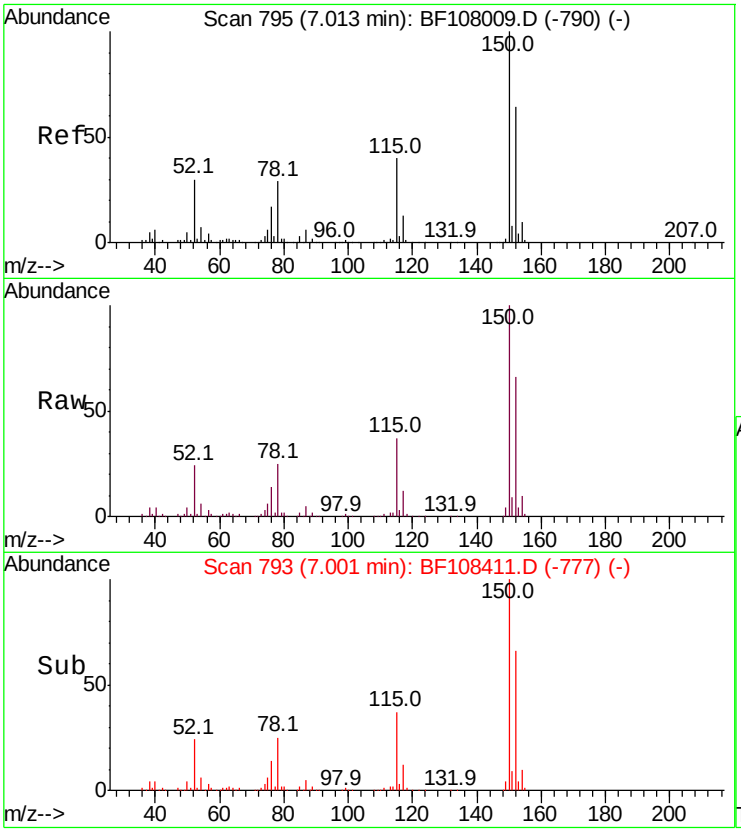


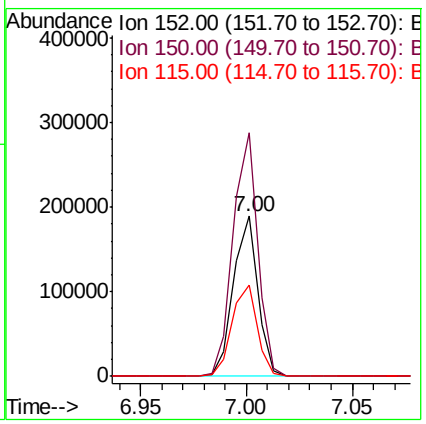


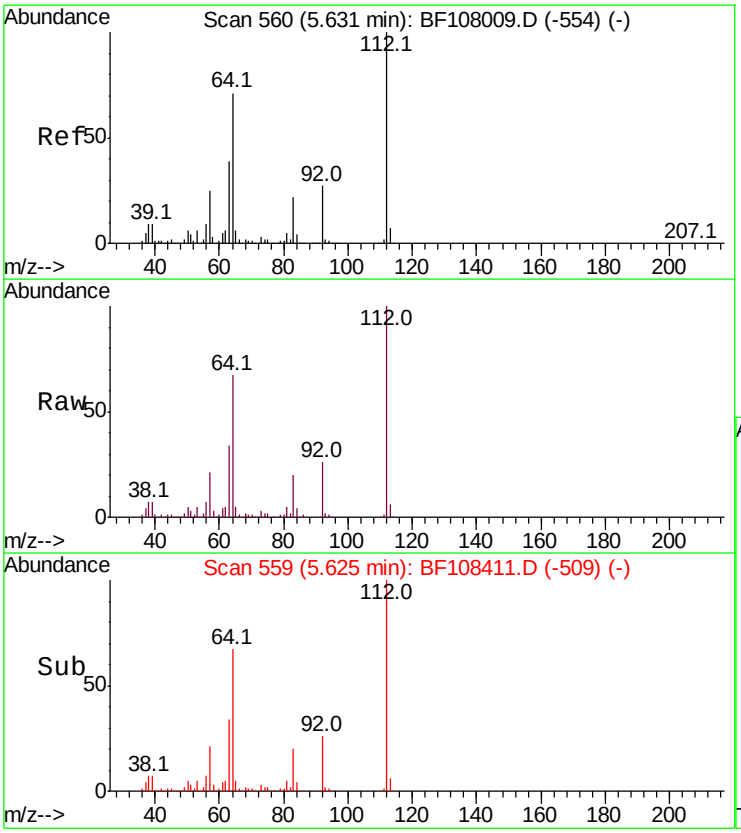
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 149996

Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	56.8	50.1	75.1

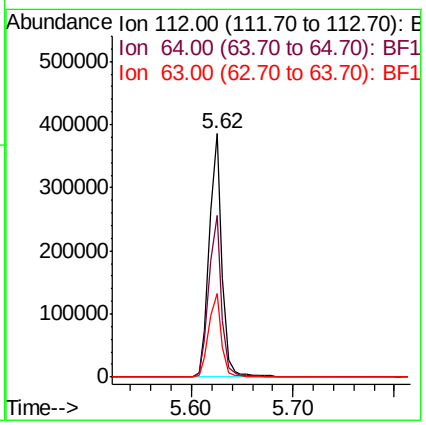


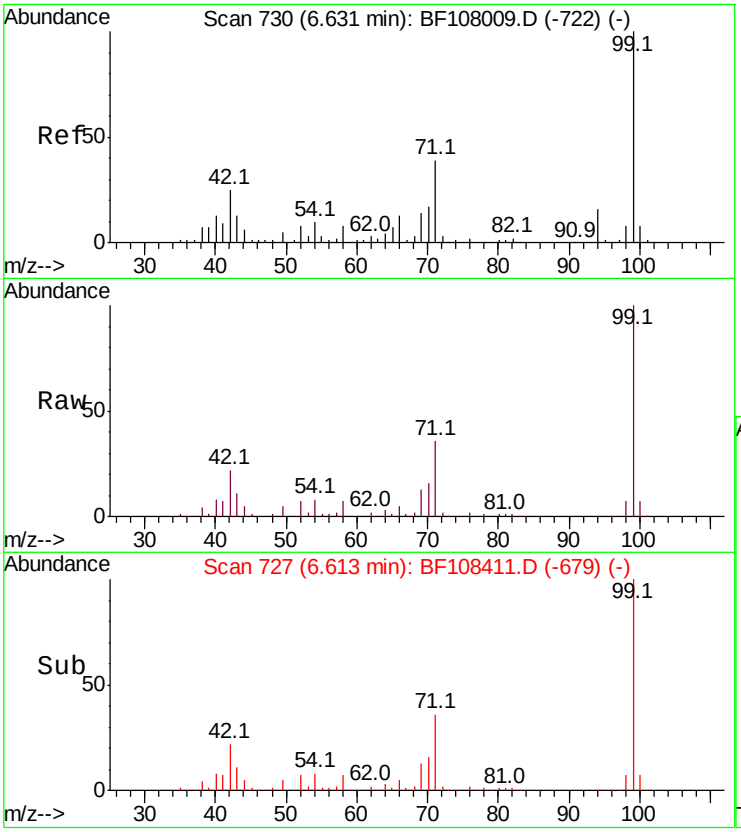


#5
2-Fluorophenol
Concen: 40.531 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Tgt Ion:112 Resp: 335795

Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	34.2	23.7	35.5



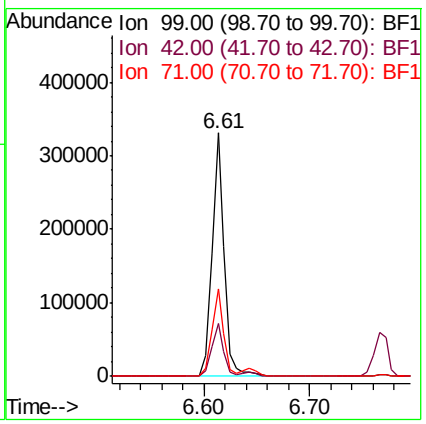


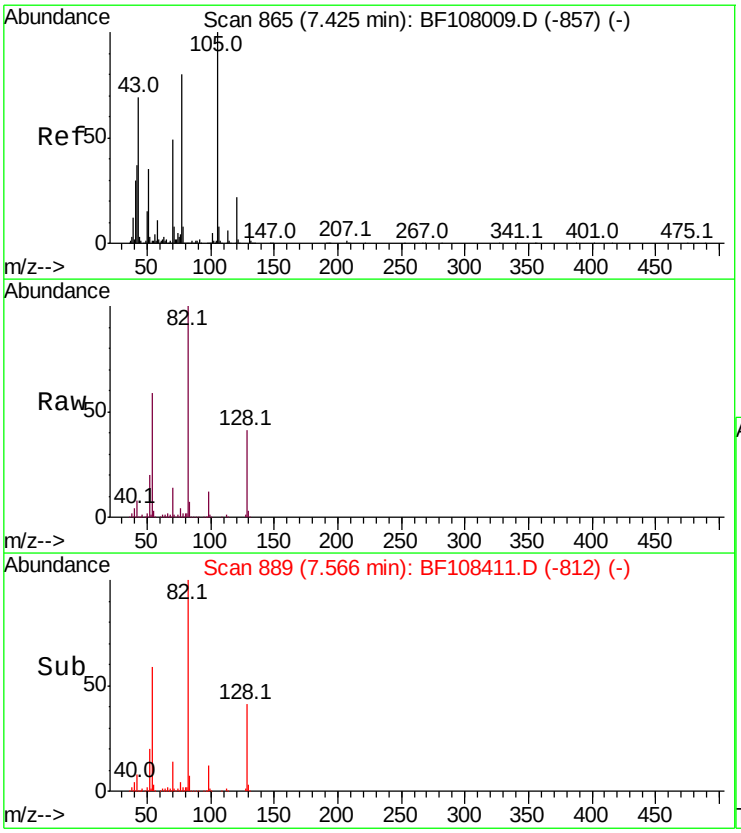
#7
Phenol-d6
Concen: 24.604 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 270877

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7
71	35.8	25.4	38.0

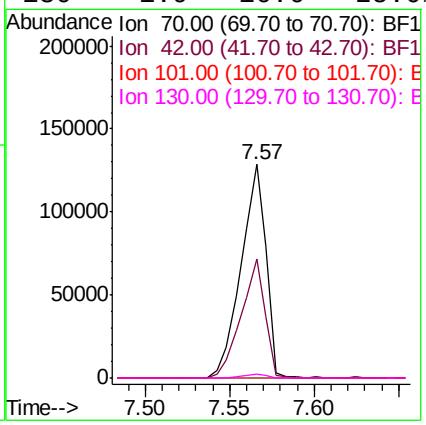


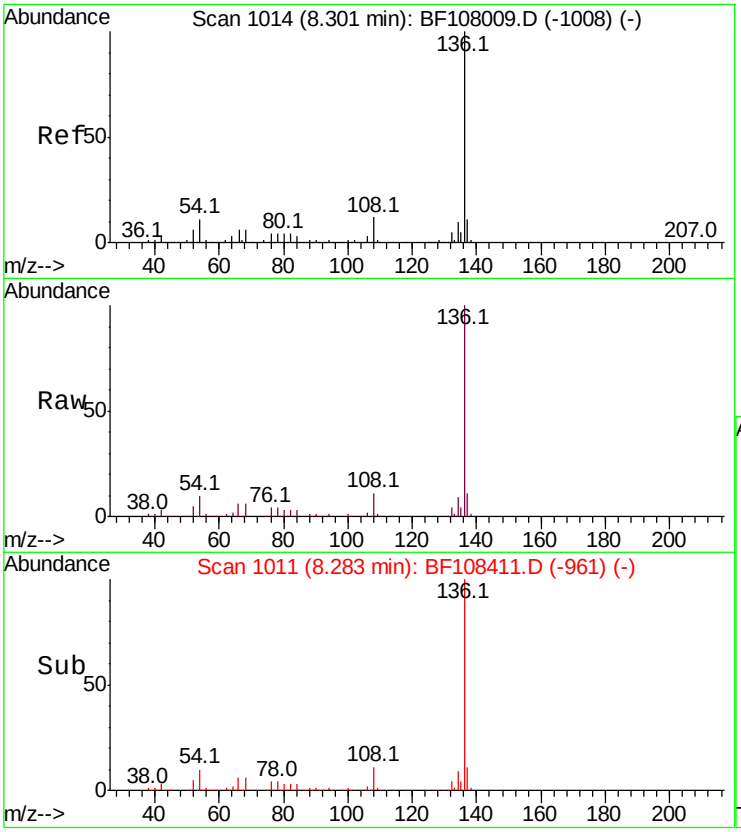


#19
n-Nitroso-di-n-propylamine
Concen: 17.901 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Tgt Ion: 70 Resp: 133271

Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



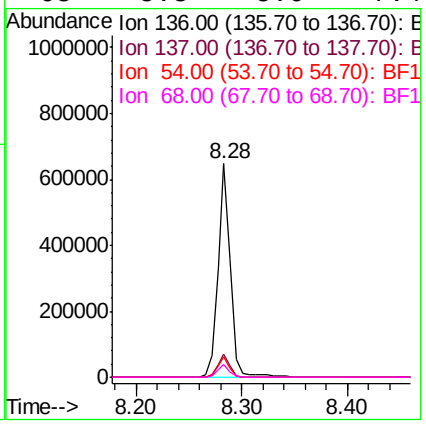


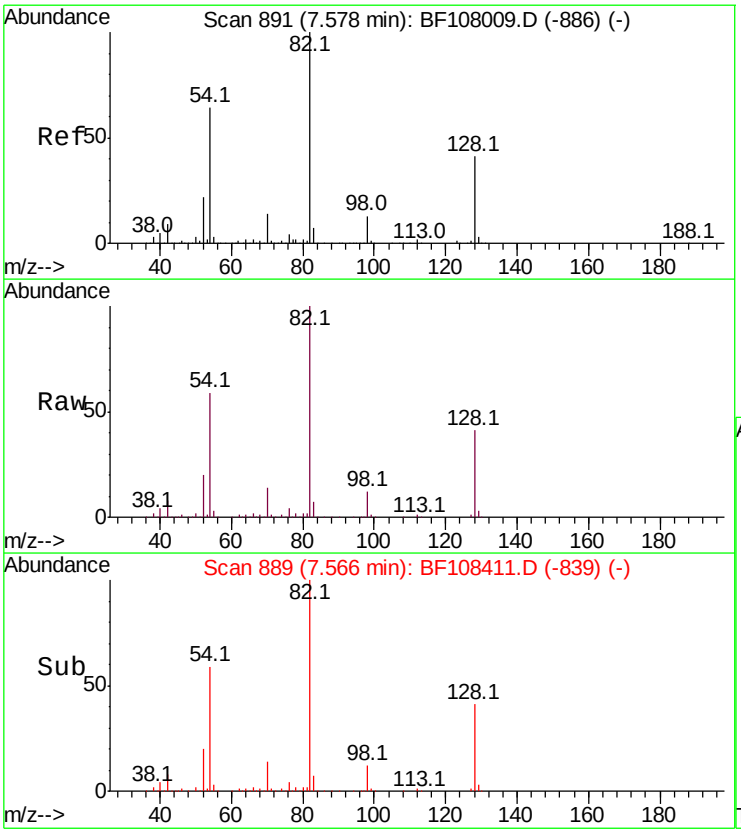
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 538686

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.6	6.6	9.8
68	5.8	5.0	7.4

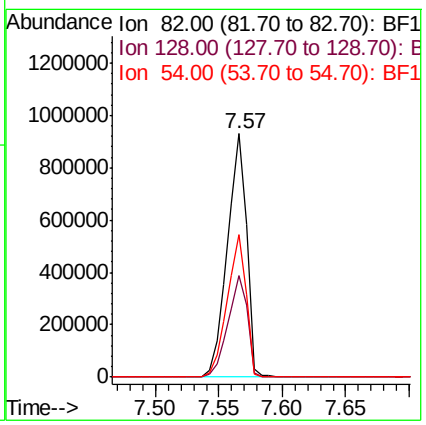


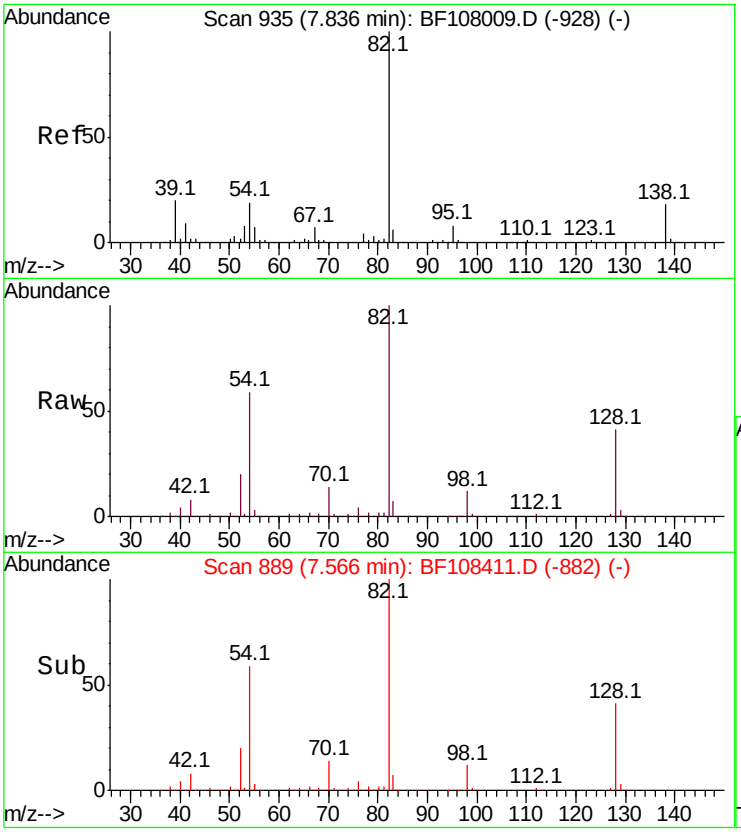


#23
Nitrobenzene-d5
Concen: 100.738 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Tgt Ion: 82 Resp: 972482

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	58.7	41.4	62.2



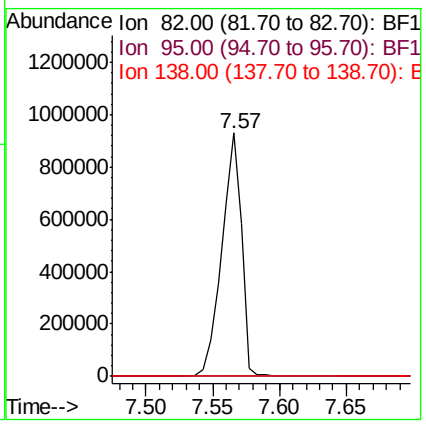


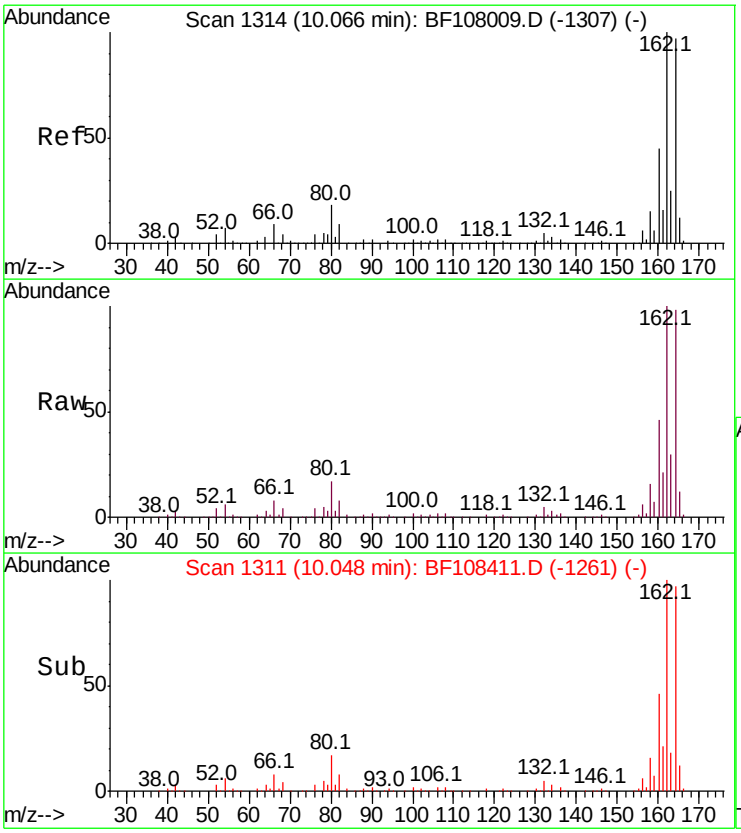
#25
Isophorone
Concen: 52.859 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 972612

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

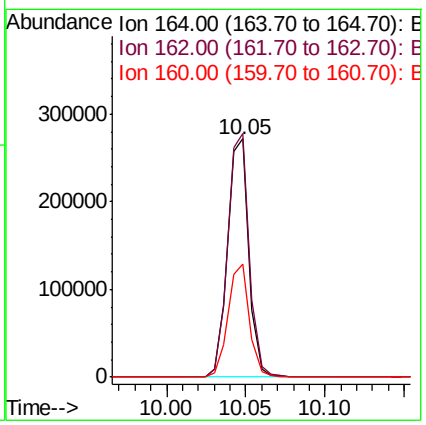


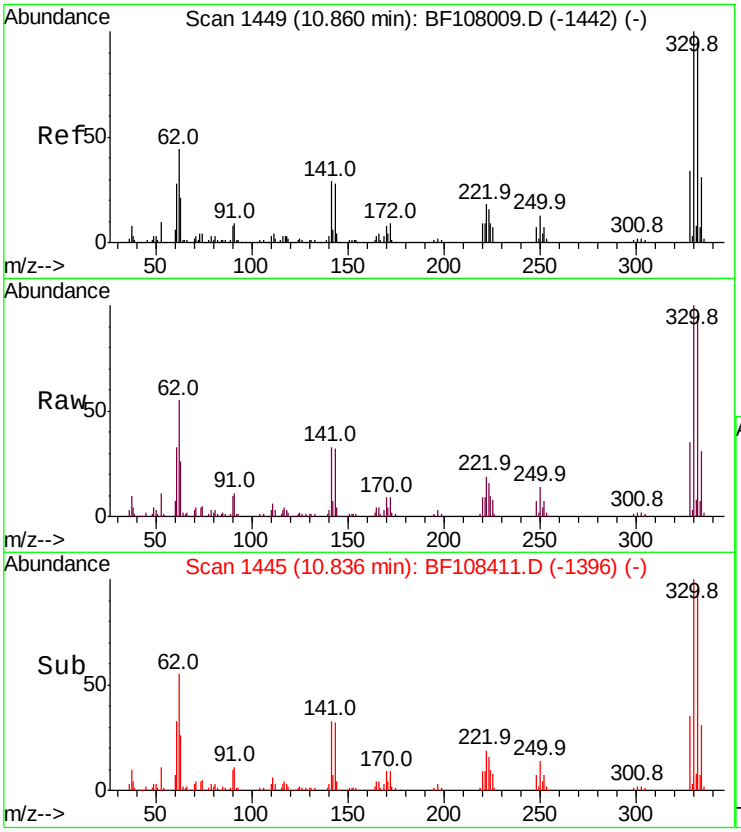


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Tgt Ion:164 Resp: 252429

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	47.4	38.3	57.5



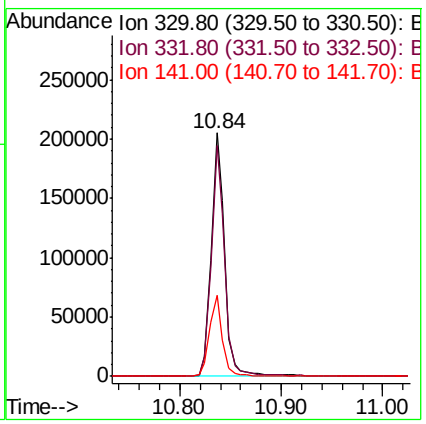


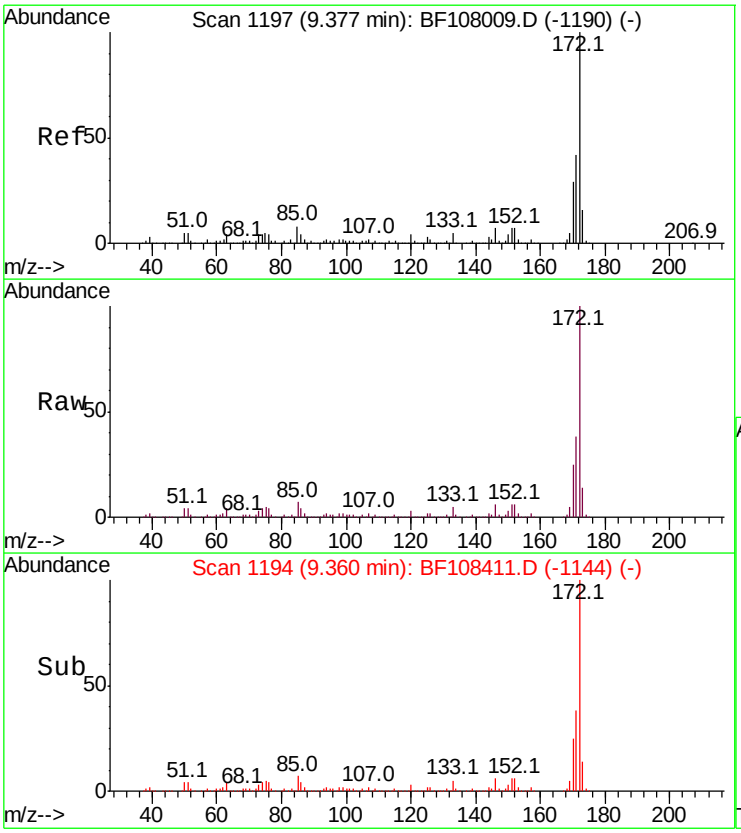
#41
2,4,6-Tribromophenol
Concen: 74.716 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 188128

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	32.2	29.9	44.9

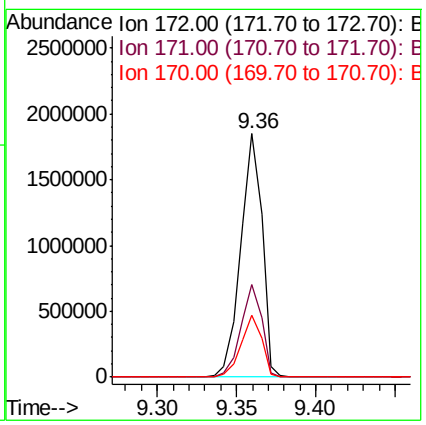


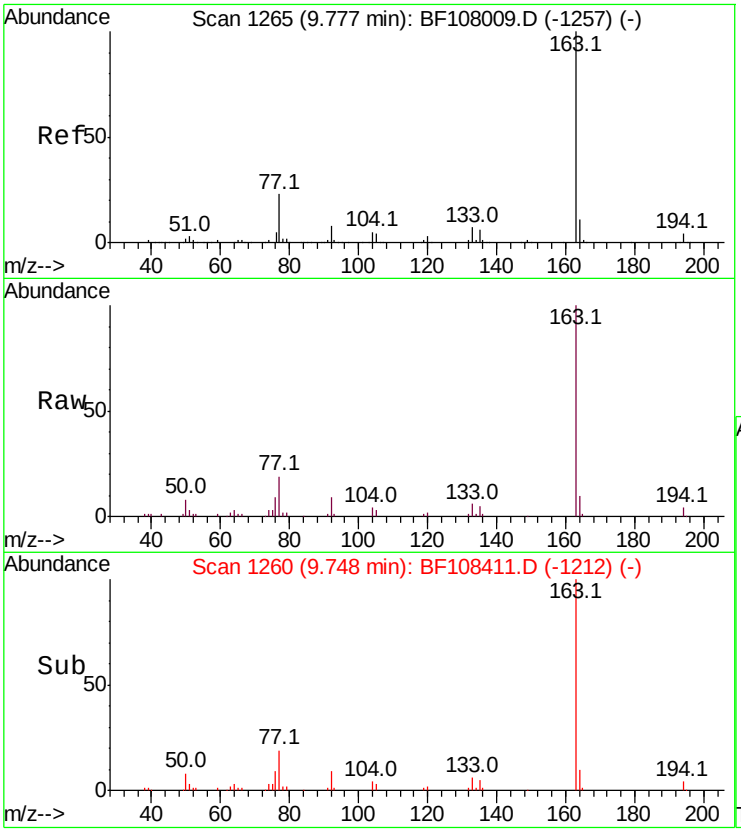


#44
2-Fluorobiphenyl
Concen: 109.746 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Tgt Ion:172 Resp: 1725545

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.5	19.6	29.4



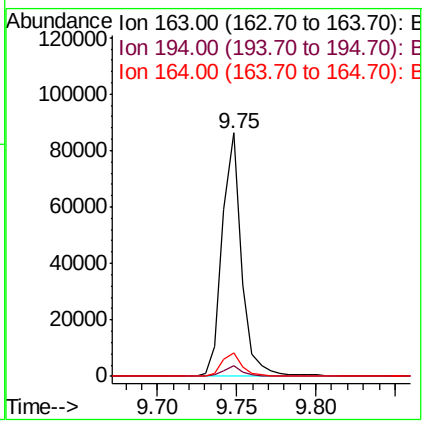


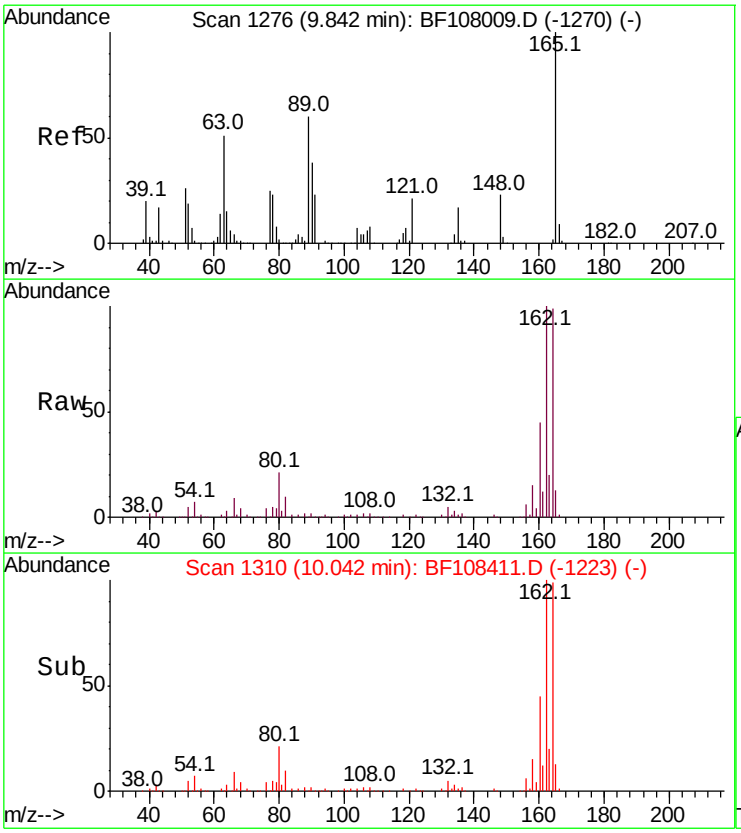
#49
Dimethylphthalate
Concen: 4.129 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 72604

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.7	8.2	12.2

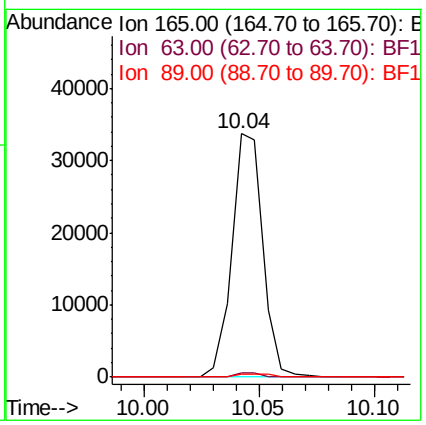


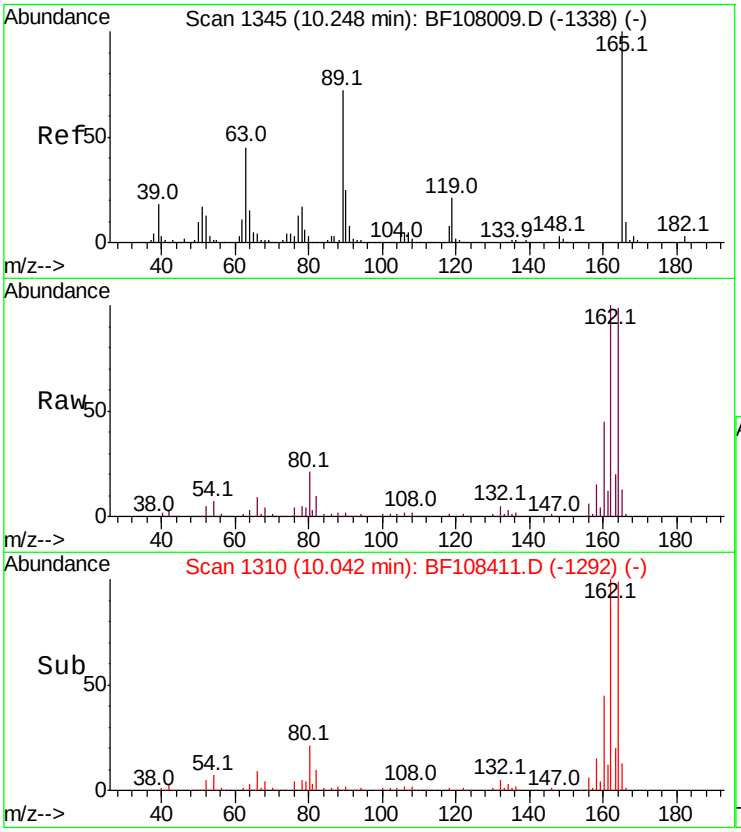


#50
2,6-Dinitrotoluene
Concen: 8.537 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Tgt Ion:165 Resp: 31406

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



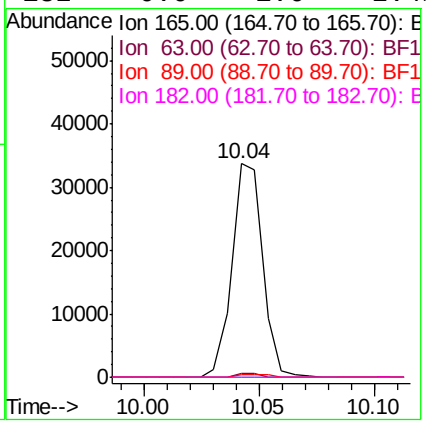


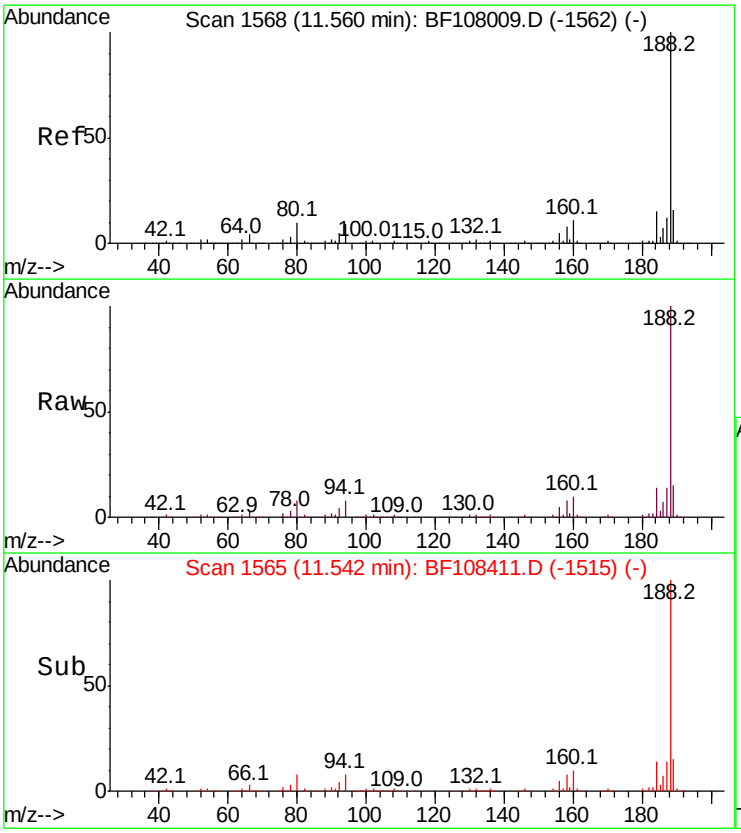
#56
2,4-Dinitrotoluene
Concen: 6.632 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31406

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

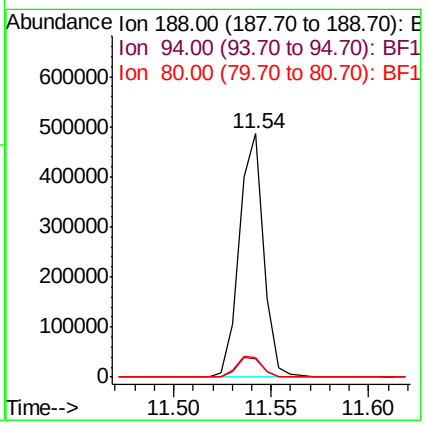


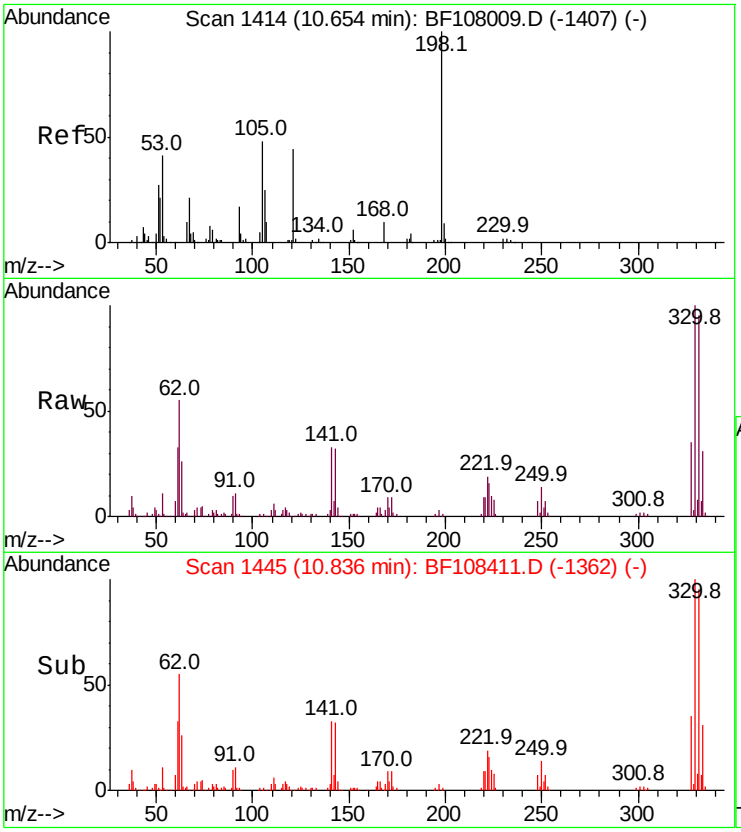


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Tgt Ion:188 Resp: 420165

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.2	9.2	13.8#



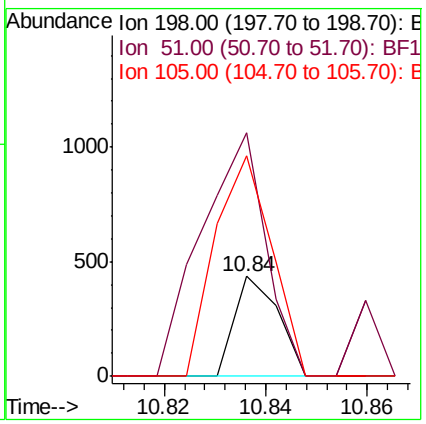


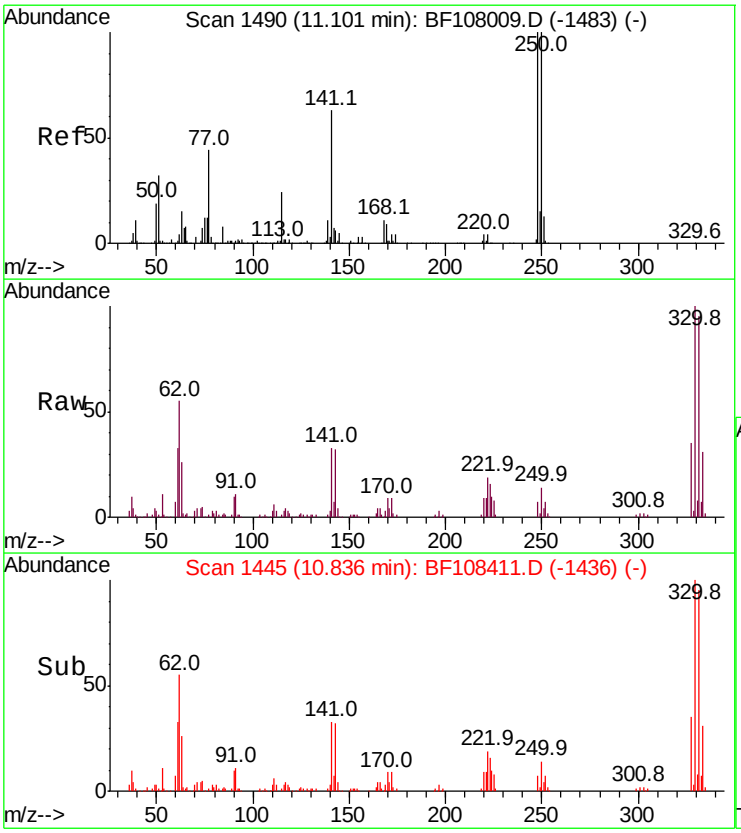
#64
4,6-Dinitro-2-methylphenol
Concen: 5.506 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 262

Ion	Ratio	Lower	Upper
198	100		
51	243.6	37.7	77.7#
105	221.3	36.3	76.3#

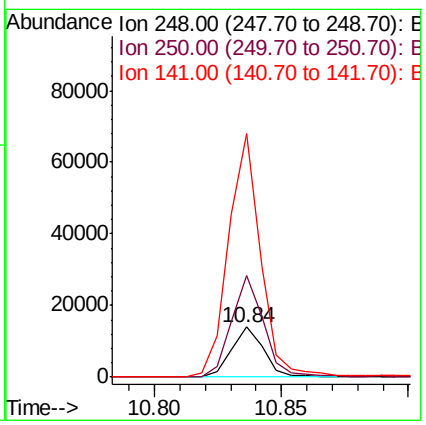


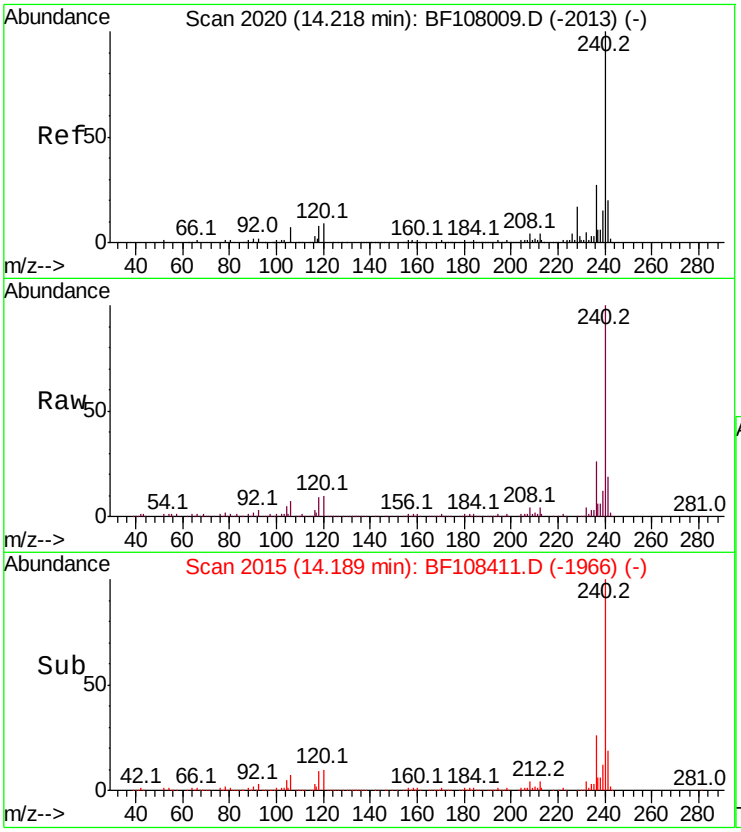


#66
4-Bromophenyl-phenylether
Concen: 2.677 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Tgt Ion:248 Resp: 12222

Ion	Ratio	Lower	Upper
248	100		
250	202.0	76.9	115.3#
141	486.2	74.4	111.6#



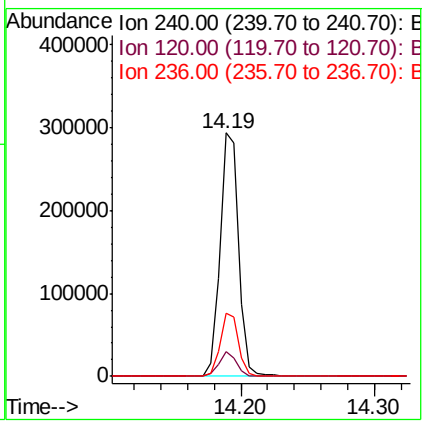


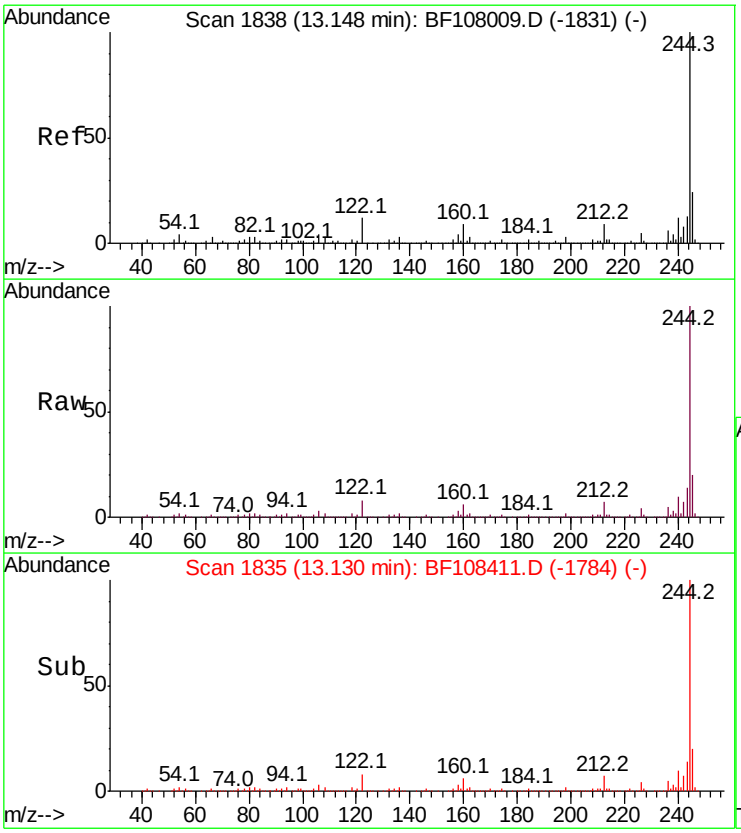
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 289202

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.1	20.7	31.1

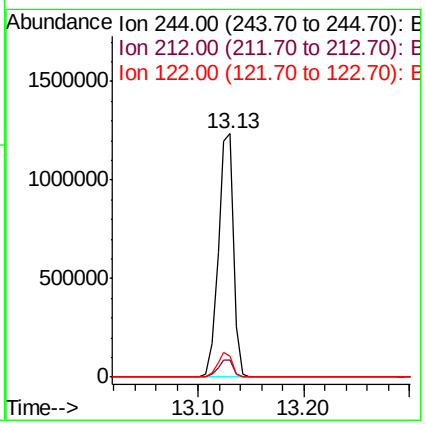


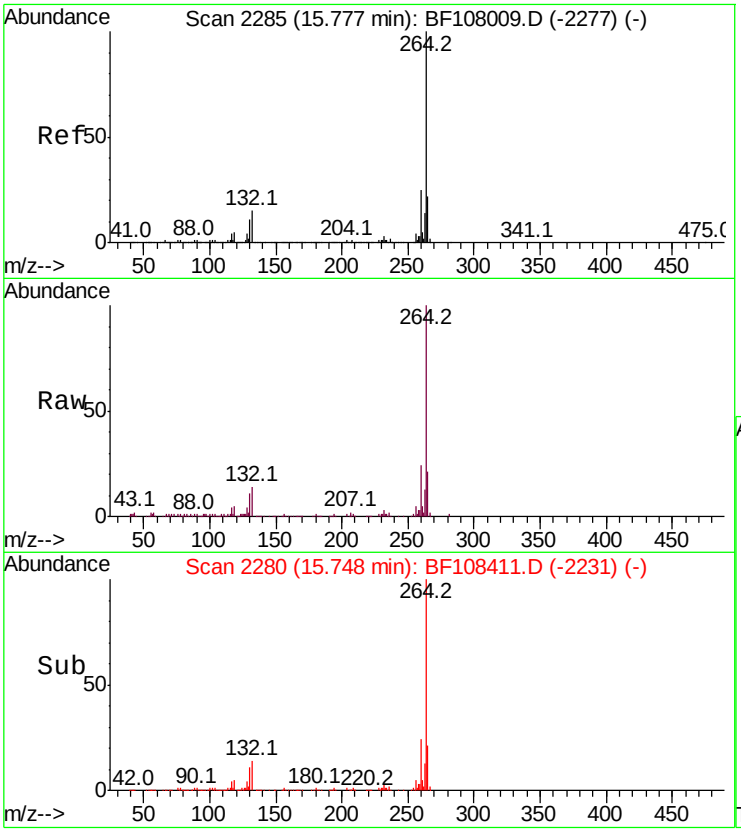


#78
Terphenyl-d14
Concen: 109.818 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Tgt Ion:244 Resp: 1249113

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108411.D
Acq: 23 Aug 2018 5:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 239317

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.5	26.3