Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\

Quantitation Report (Not Reviewed)

Data File : BF108836.D
Acq On : 6 Sep 2018 21:09
Operator : JU/SJ
Sample : J4803-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-G7

Quant Time: Sep 07 01:46:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	241232	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	885862	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	390733	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	651309	20.00	ng	0.00
75) Chrysene-d12	13.87	240	576800	20.00	ng	0.00
86) Perylene-d12	15.27	264	661981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1032486	70.91	ng	0.01
7) Phenol-d6	6.37	99	1305195	69.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	815233	57.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	266673	71.49	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1385557	60.49	ng	0.00
78) Terphenyl-d14	12.82	244	1128370	45.62	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	114050	8.758	ng	# 79
25) Isophorone	7.29	82	802976	28.438	ng	# 64
32) Benzoic acid	8.02	122	126	4.034	ng	# 1
49) Dimethylphthalate	9.48	163	482121	17.641	ng	99
56) 2,4-Dinitrotoluene	9.77	165	50512	7.585	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	455	7.021	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	16236	2.207	ng	# 1

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

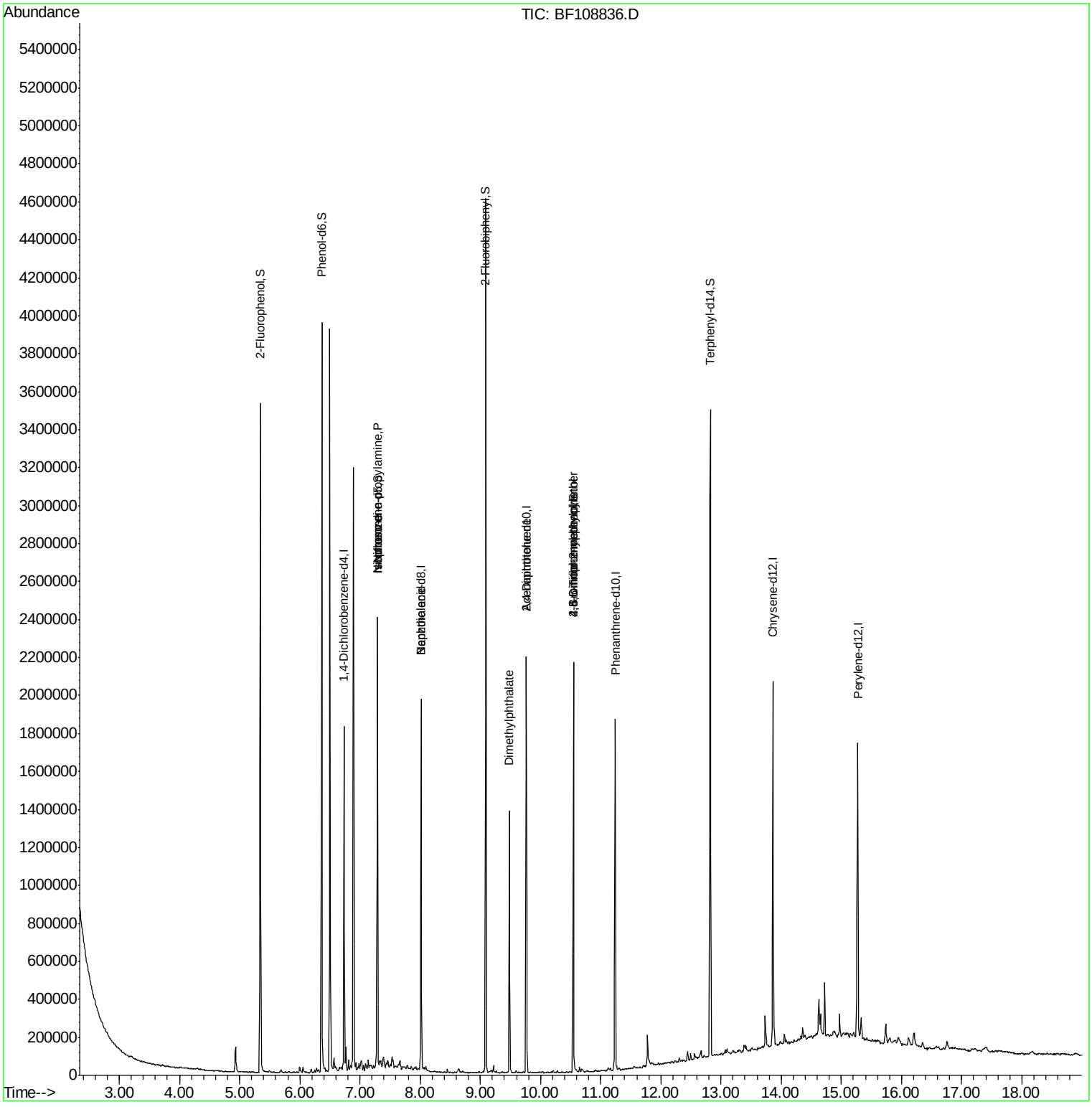
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\

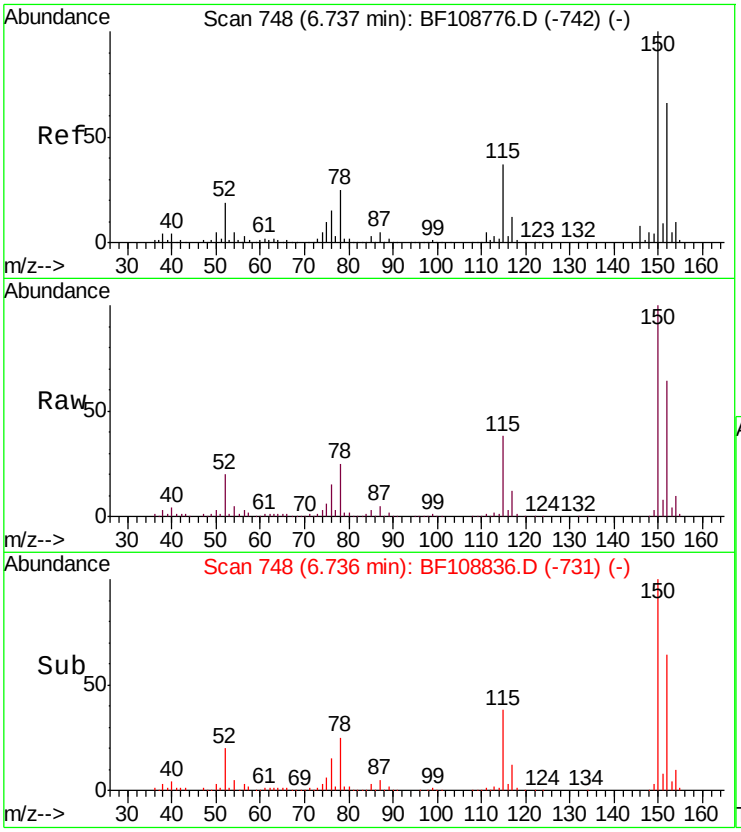
Quantitation Report (Not Reviewed)

Data File : BF108836.D
Acq On : 6 Sep 2018 21:09
Operator : JU/SJ
Sample : J4803-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-G7

Quant Time: Sep 07 01:46:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



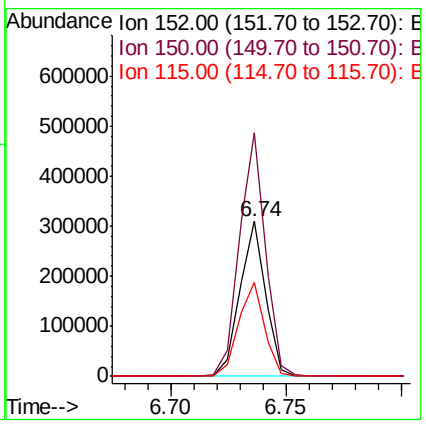


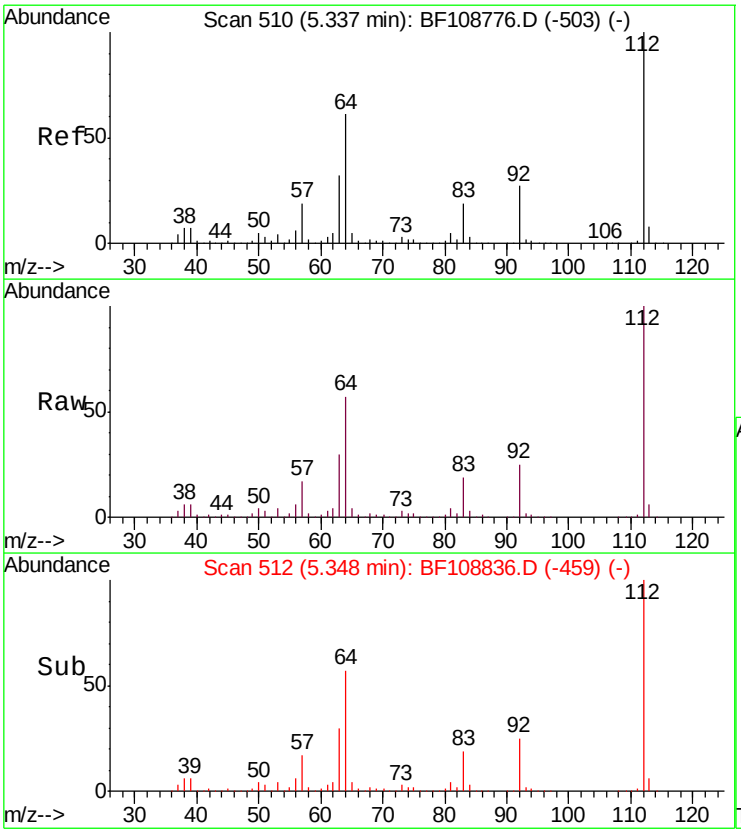
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tgt Ion:152 Resp: 241232

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	60.3	50.1	75.1

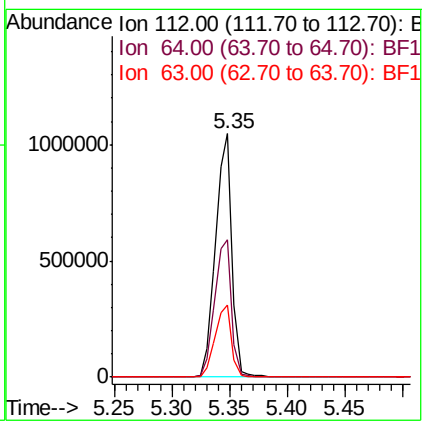


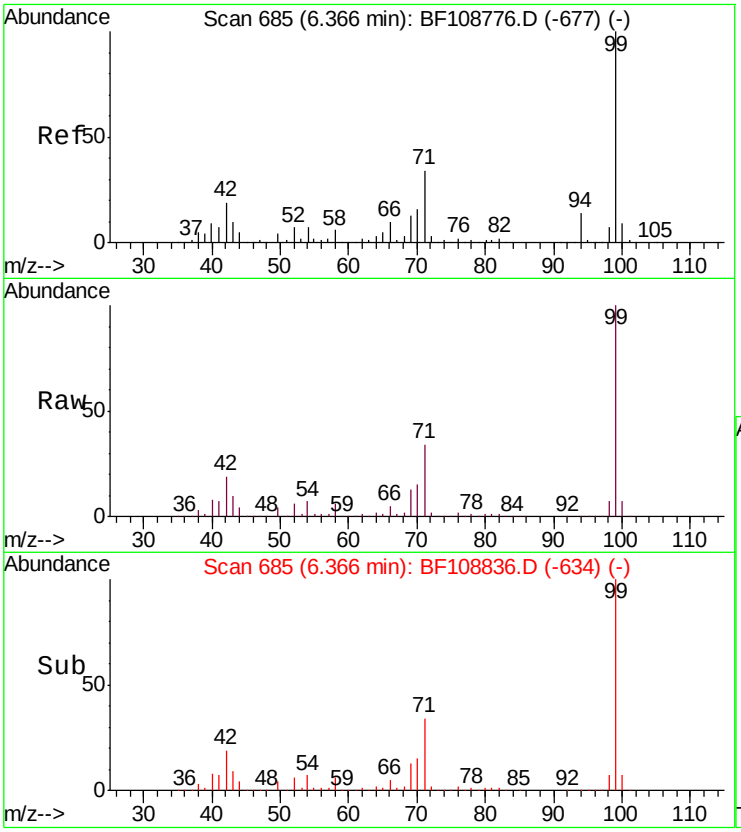


#5
2-Fluorophenol
Concen: 70.906 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Tgt Ion:112 Resp: 1032486

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	29.5	23.7	35.5



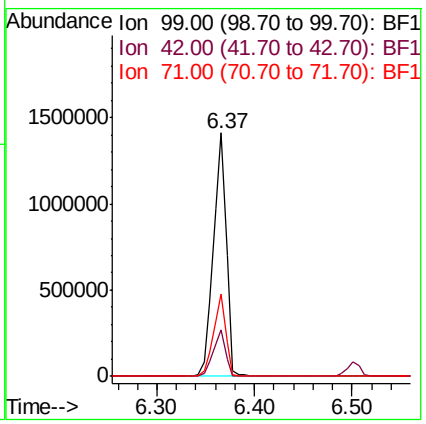


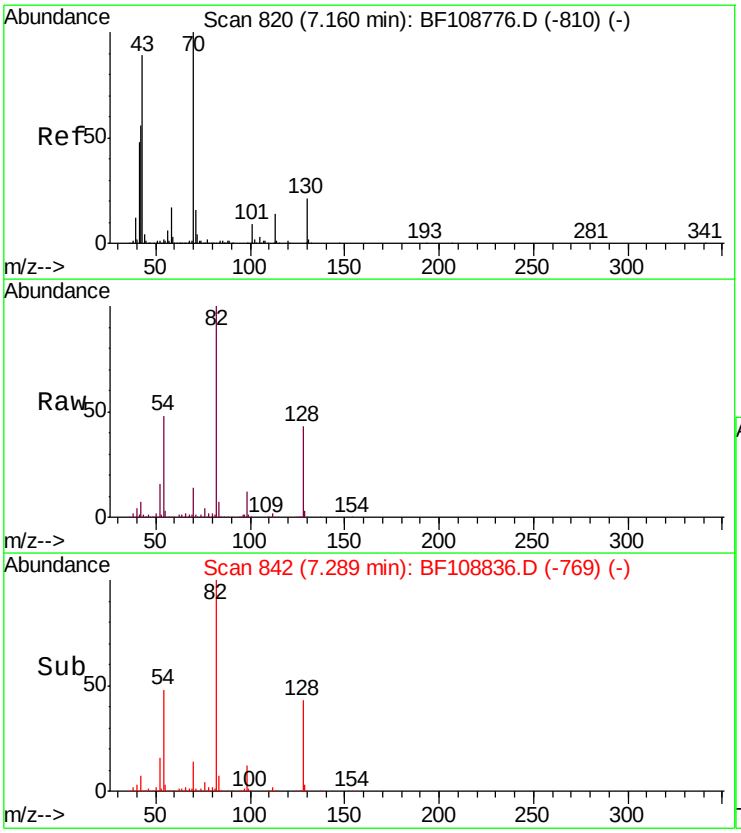
#7
Phenol-d6
Concen: 69.665 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tgt Ion: 99 Resp: 1305195

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.7	25.4	38.0

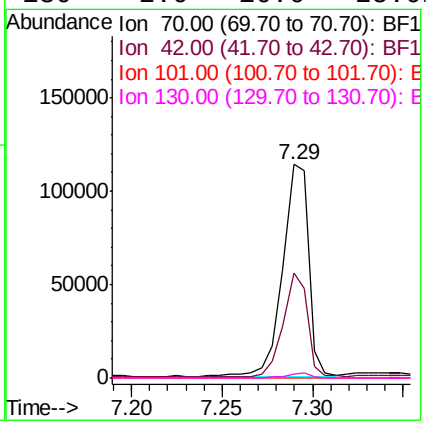


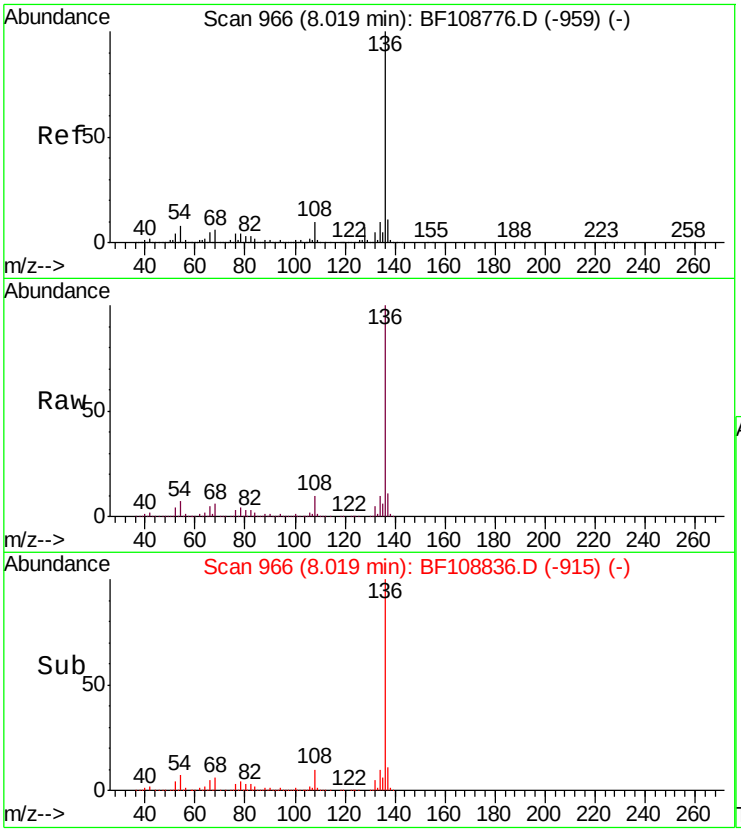


#19
n-Nitroso-di-n-propylamine
Concen: 8.758 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Tgt Ion: 70 Resp: 114050

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



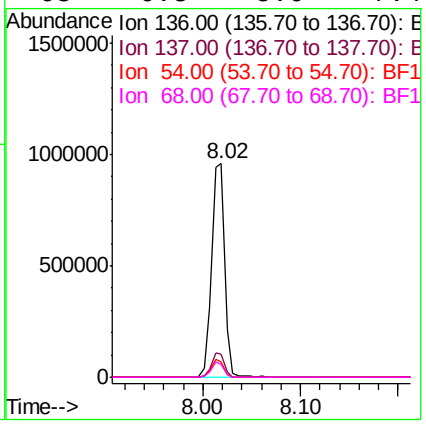


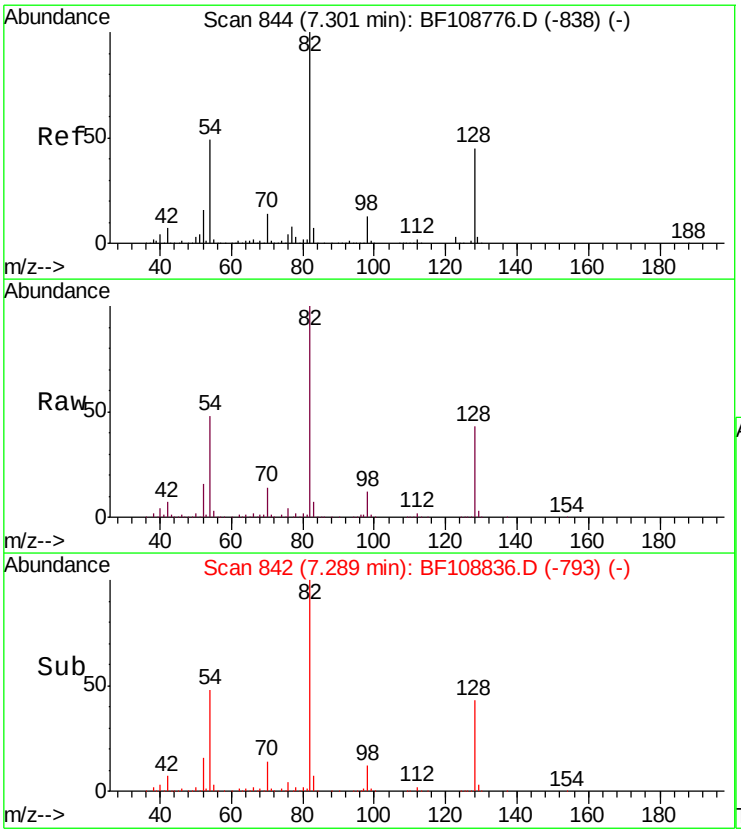
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tgt Ion:136 Resp: 885862

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	6.3	5.0	7.4

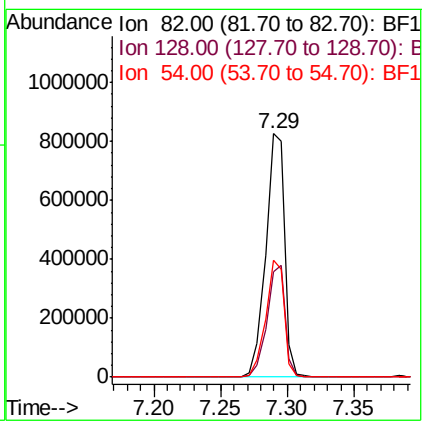


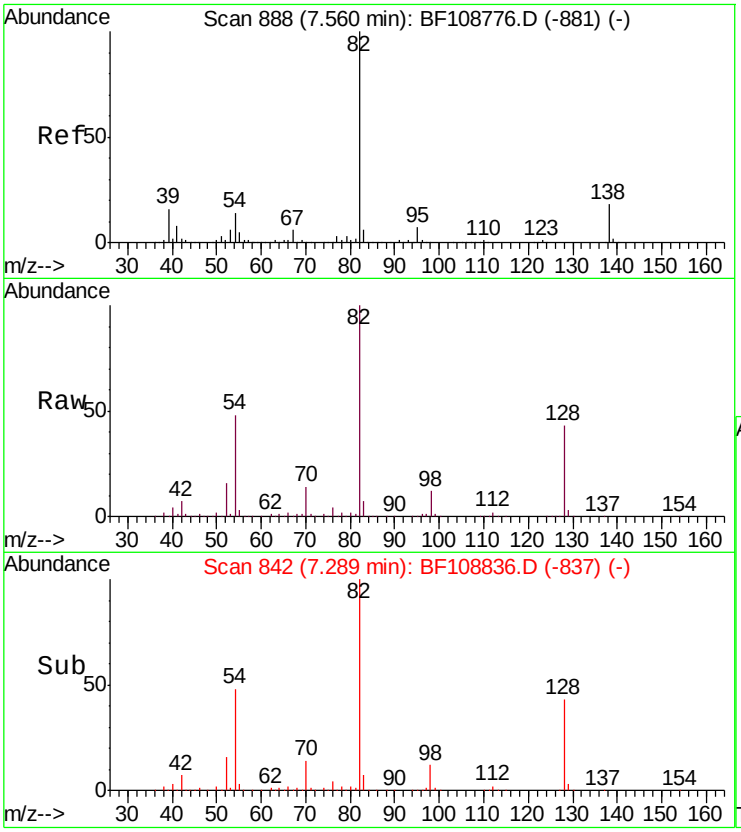


#23
Nitrobenzene-d5
Concen: 57.591 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Tgt Ion: 82 Resp: 815233

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	48.1	41.4	62.2



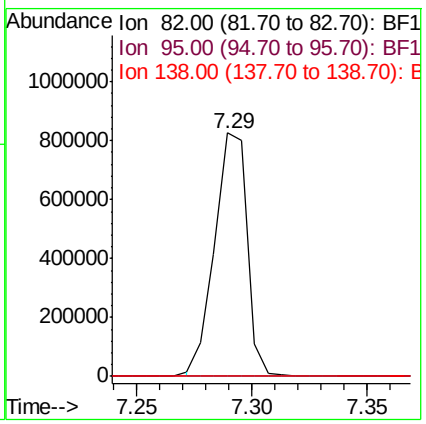


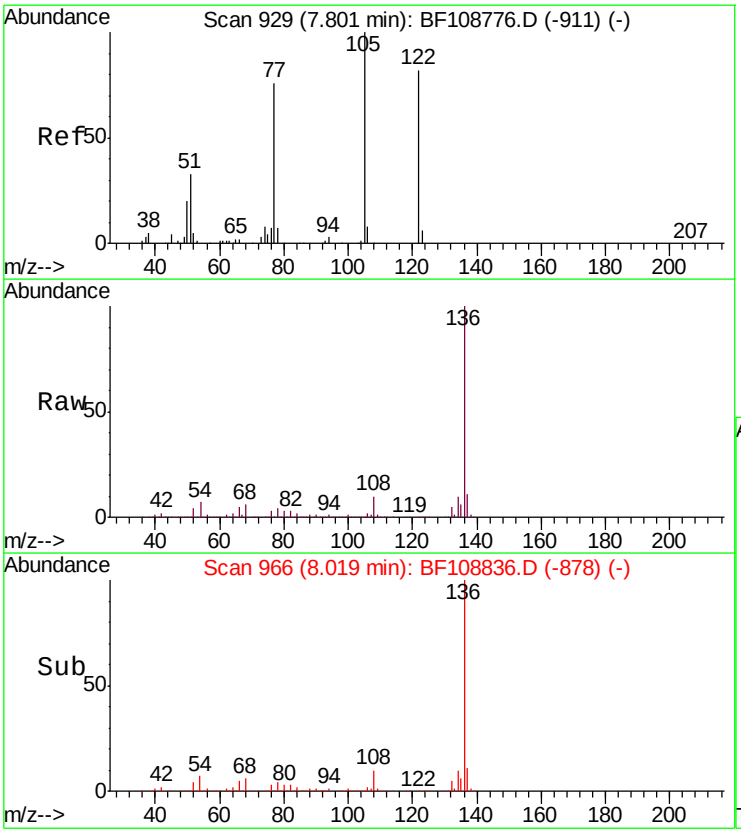
#25
Isophorone
Concen: 28.438 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tgt Ion: 82 Resp: 802976

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

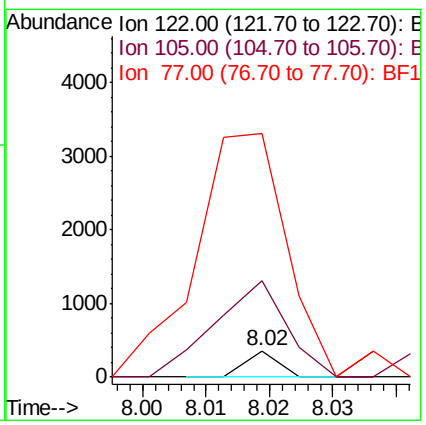


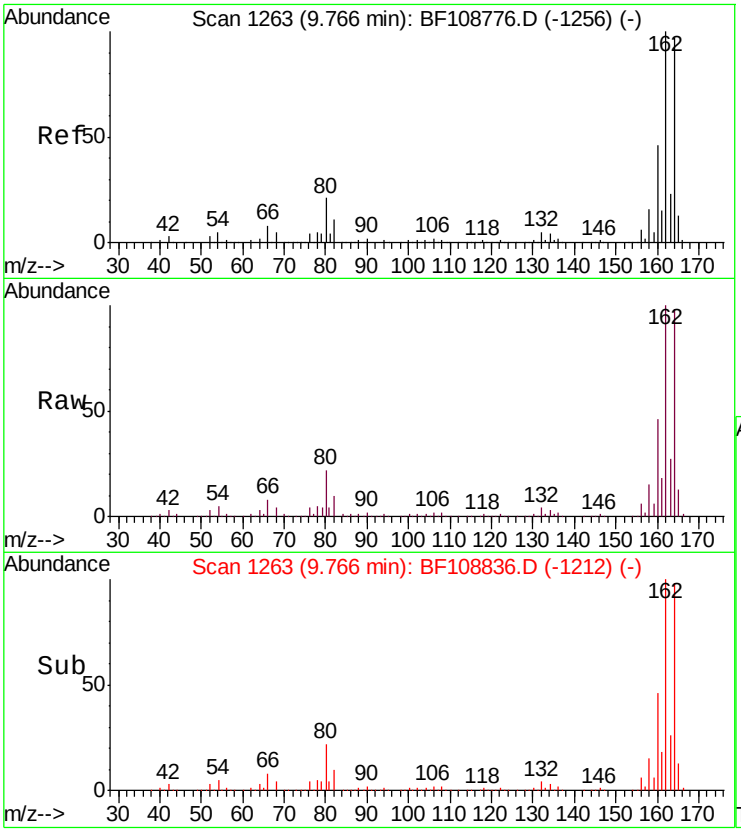


#32
Benzoic acid
Concen: 4.034 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.22 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Tgt Ion:122 Resp: 126

Ion	Ratio	Lower	Upper
122	100		
105	369.1	101.1	141.1#
77	928.9	70.7	110.7#



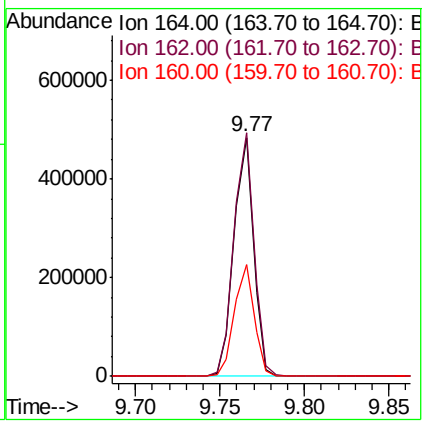


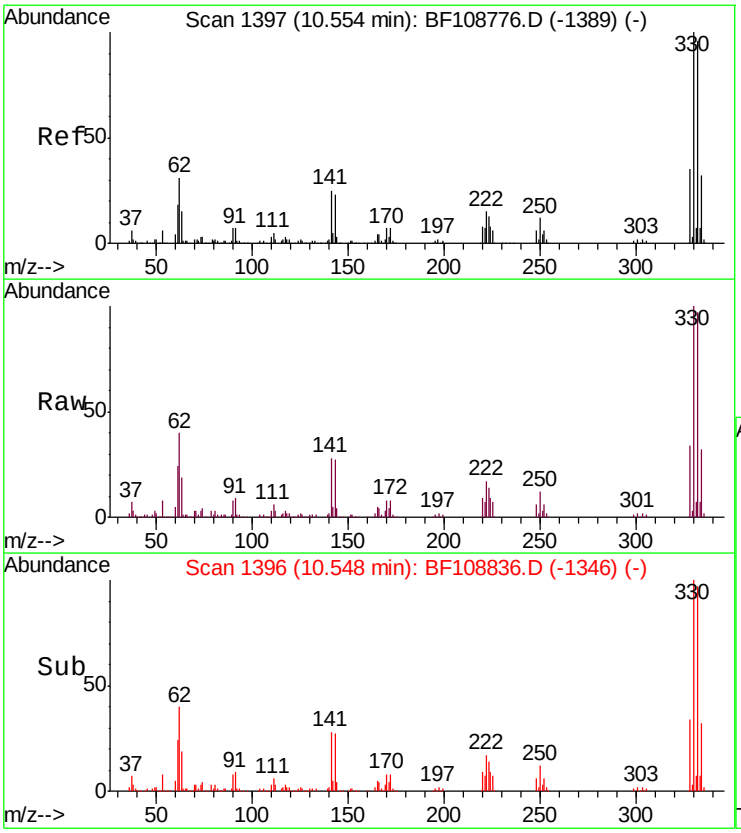
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tgt Ion:164 Resp: 390733

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.6	38.3	57.5

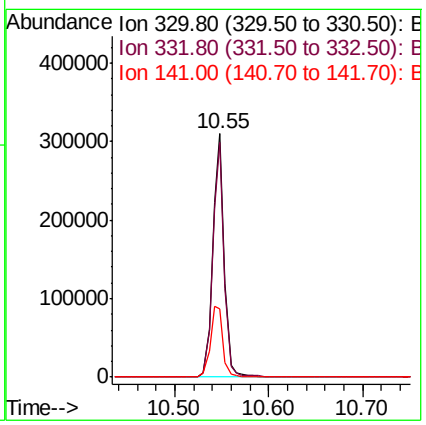


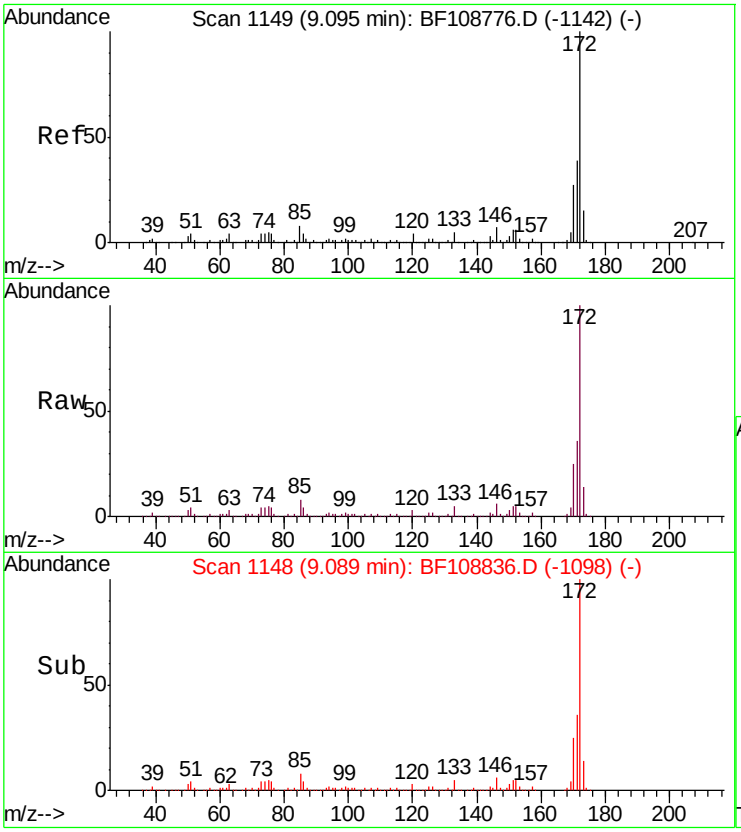


#41
2,4,6-Tribromophenol
Concen: 71.492 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Tgt Ion:330 Resp: 266673

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.4	29.9	44.9



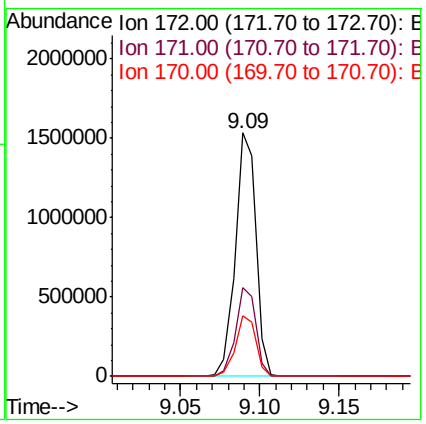


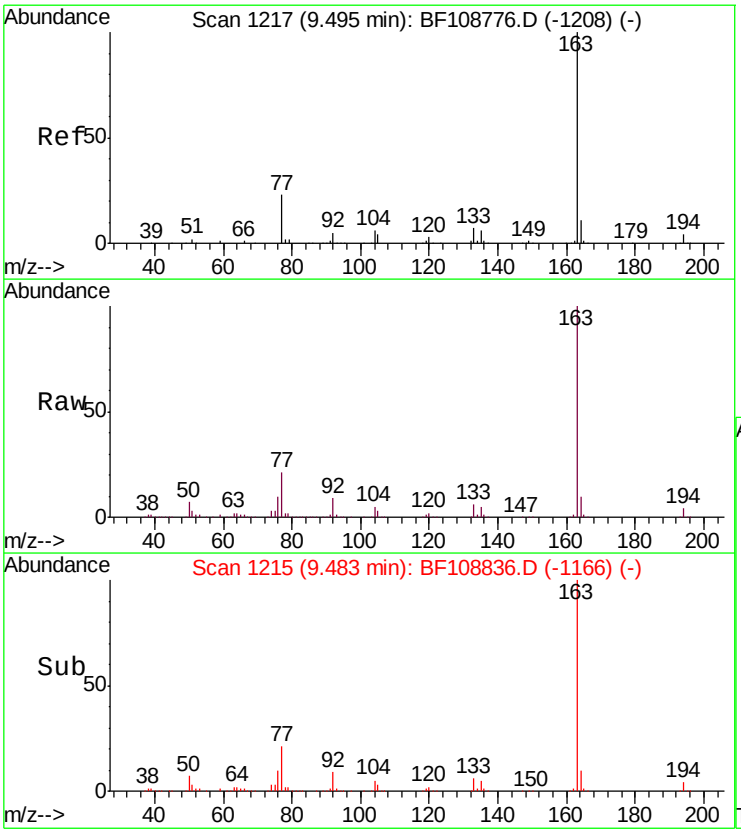
#44
2-Fluorobiphenyl
Concen: 60.495 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tgt Ion:172 Resp: 1385557

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	25.0	19.6	29.4

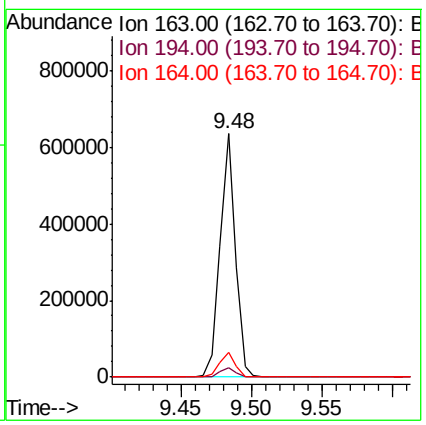


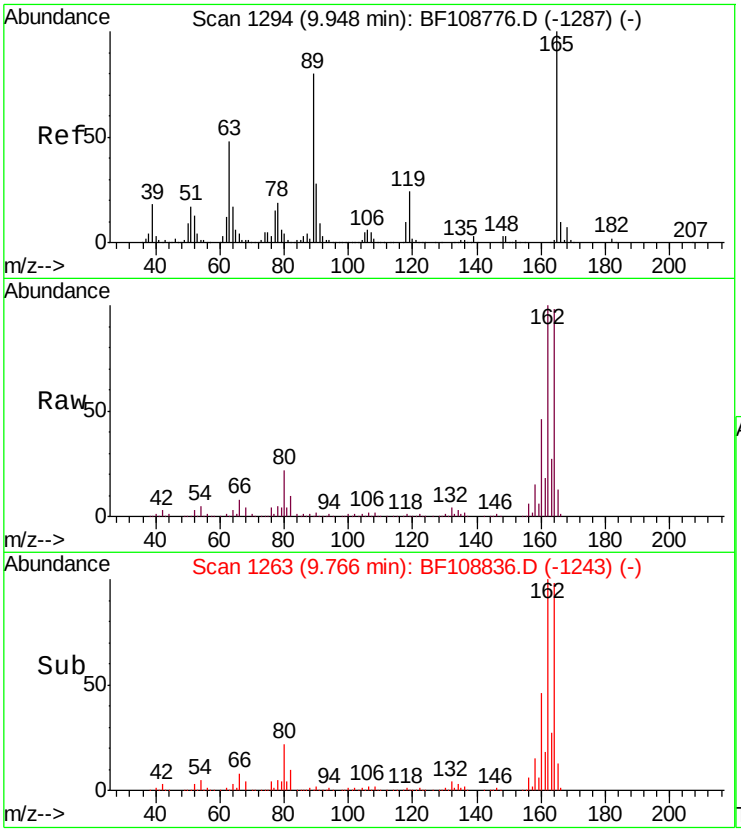


#49
Dimethylphthalate
Concen: 17.641 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Tgt Ion:163 Resp: 482121

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.4	8.2	12.2



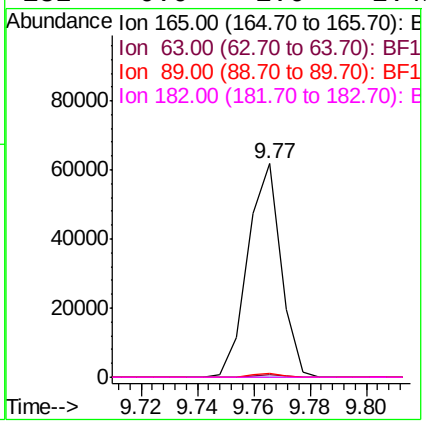


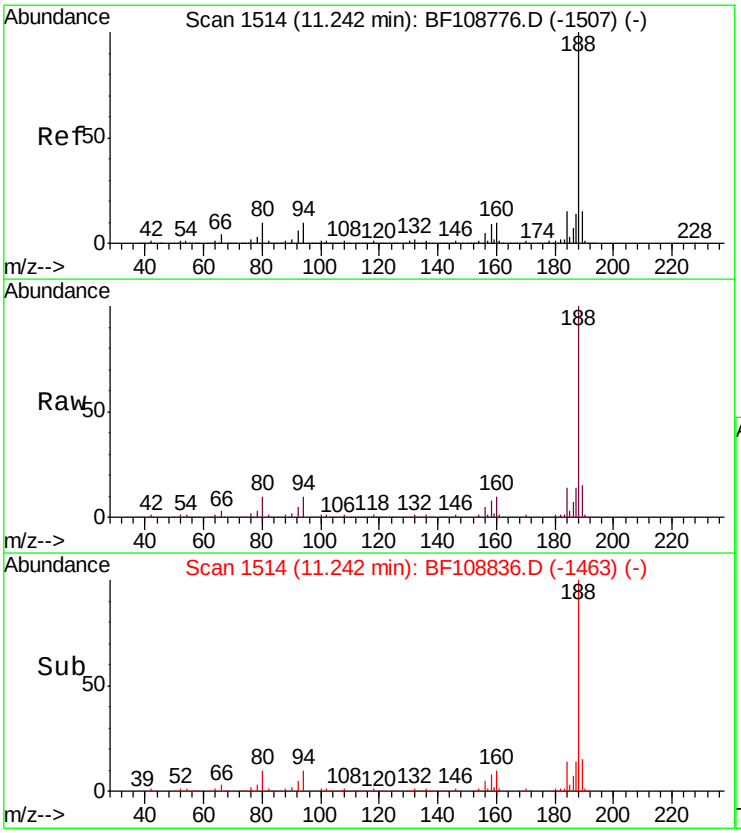
#56
2,4-Dinitrotoluene
Concen: 7.585 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tgt Ion:165 Resp: 50512

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

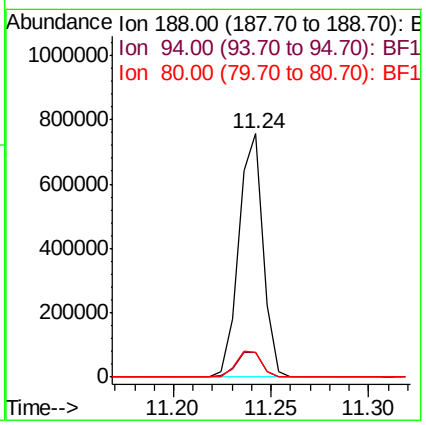


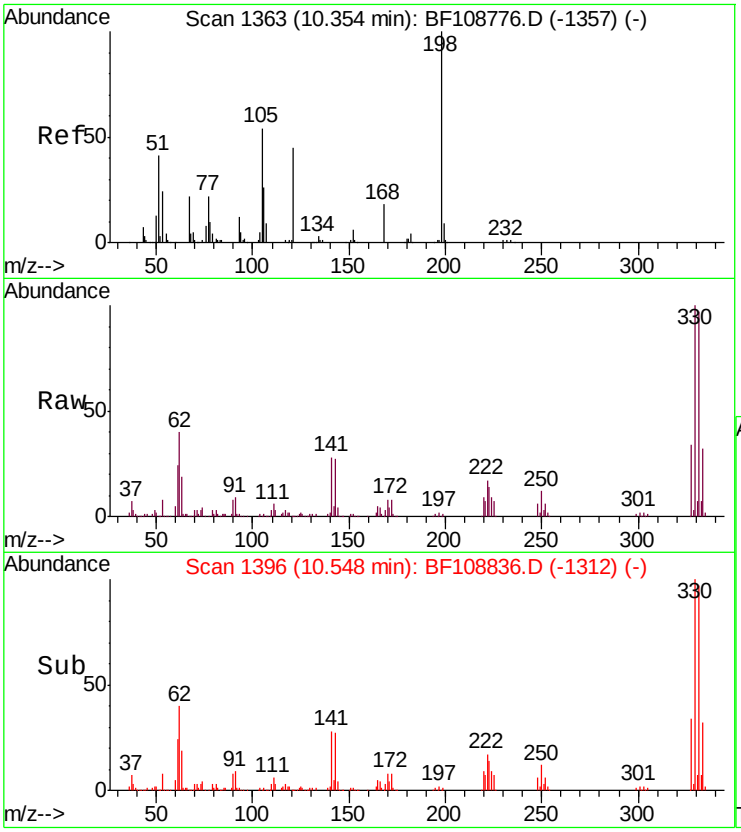


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Tgt Ion:188 Resp: 651309

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.1	9.2	13.8



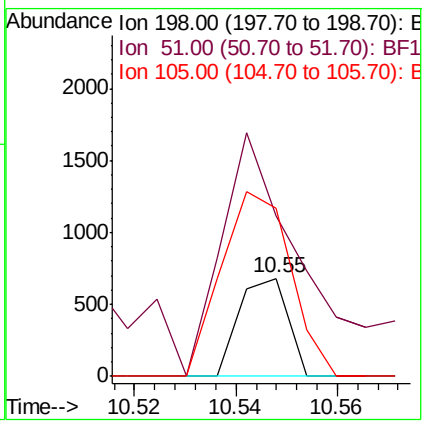


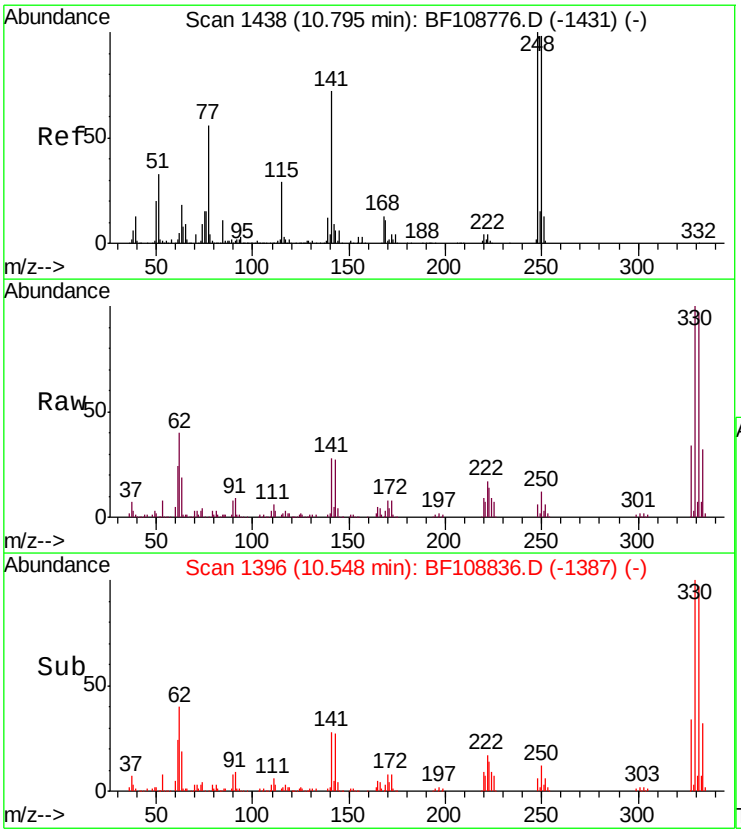
#64
4,6-Dinitro-2-methylphenol
Concen: 7.021 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tgt Ion:198 Resp: 455

Ion	Ratio	Lower	Upper
198	100		
51	164.1	37.7	77.7#
105	170.7	36.3	76.3#

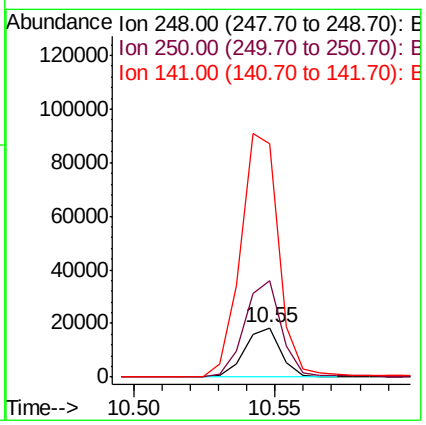


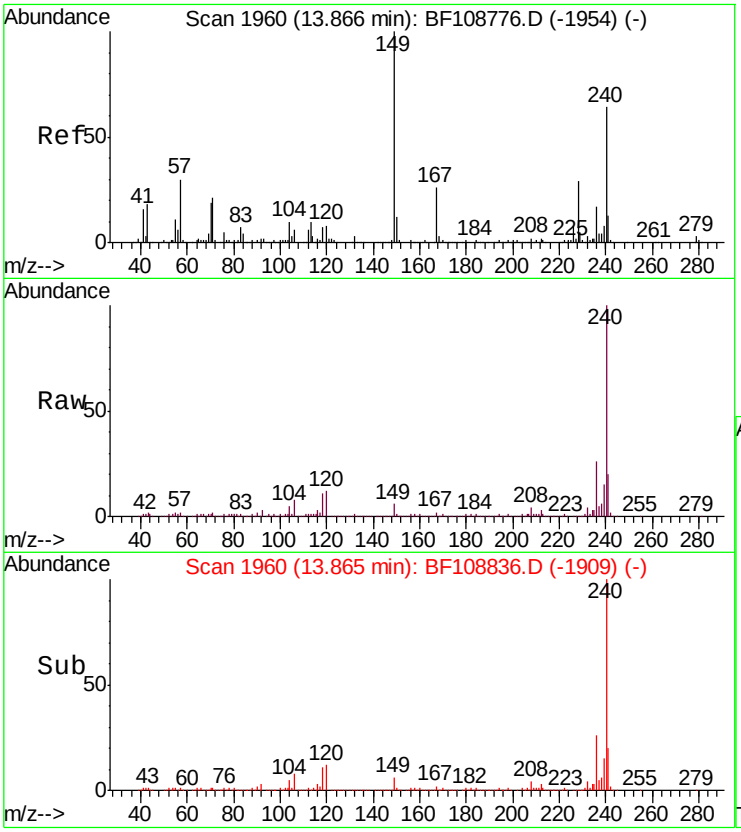


#66
4-Bromophenyl-phenylether
Concen: 2.207 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Tgt Ion:248 Resp: 16236

Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.9	115.3#
141	474.2	74.4	111.6#



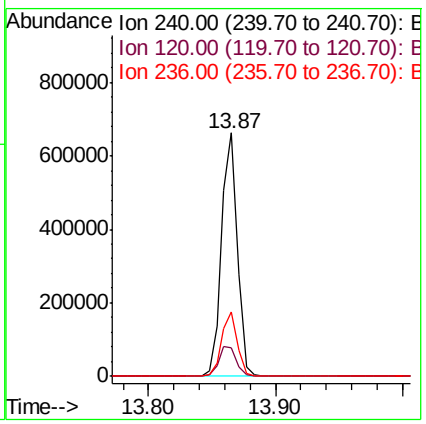


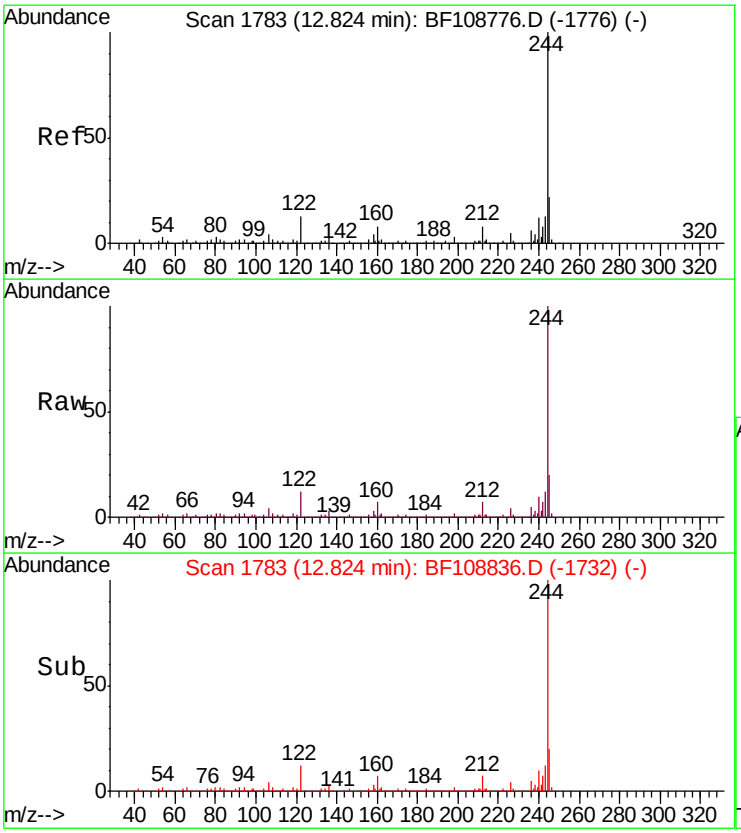
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tgt Ion:240 Resp: 576800

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.4	20.7	31.1

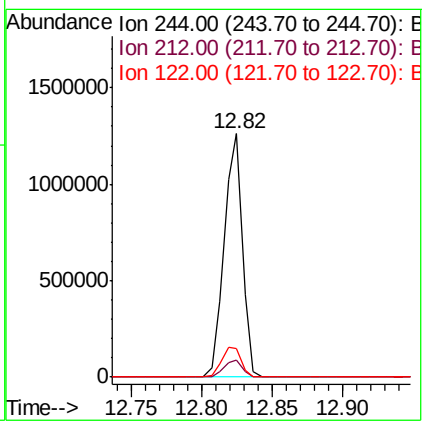


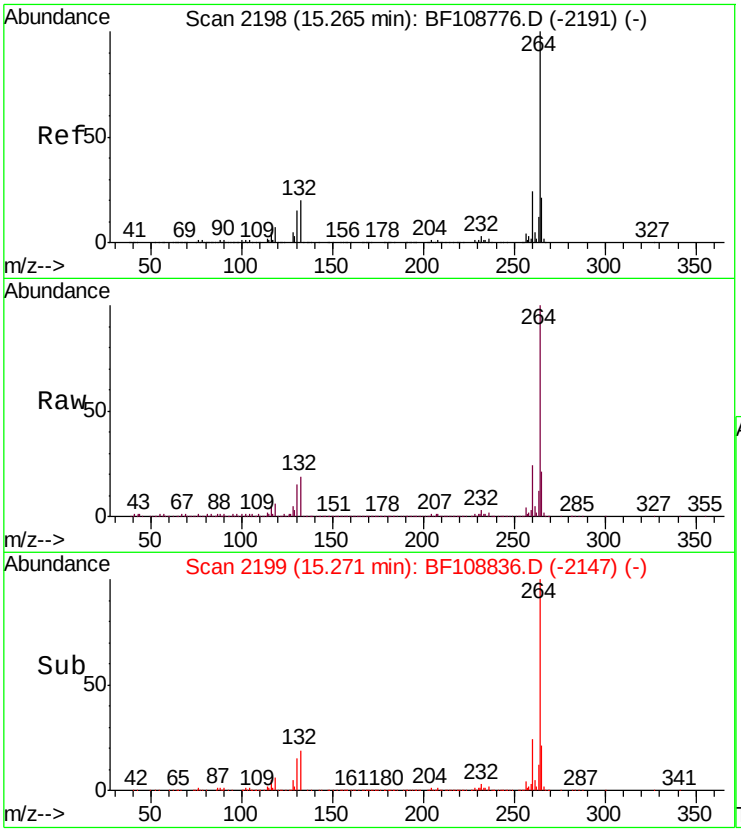


#78
Terphenyl-d14
Concen: 45.618 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Tgt Ion:244 Resp: 1128370

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tgt Ion:264 Resp: 661981

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.5	26.3