Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108545.D
Acq On : 28 Aug 2018 7:45
Operator : JU/SJ
Sample : J4660-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 28 08:37:05 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	105827	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	359056	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	147839	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	247202	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	262362	20.00	ng	-0.01
86) Perylene-d12	15.74	264	184393	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	285169	48.79	ng	0.00
7) Phenol-d6	6.61	99	251587	32.39	ng	-0.02
23) Nitrobenzene-d5	7.57	82	720021	111.90	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	146597	99.41	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1273748	138.32	ng	-0.01
78) Terphenyl-d14	13.12	244	1067790	103.48	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.77	77	12432	2.064	ng	# 70
19) n-Nitroso-di-n-propylamine	7.56	70	96156	18.306	ng	# 83
25) Isophorone	7.57	82	720016	58.707	ng	# 64
49) Dimethylphthalate	9.74	163	28916	2.808	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	18294	8.491	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	18294	6.596	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.83	198	240	5.588	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	9691	3.607	ng	# 1

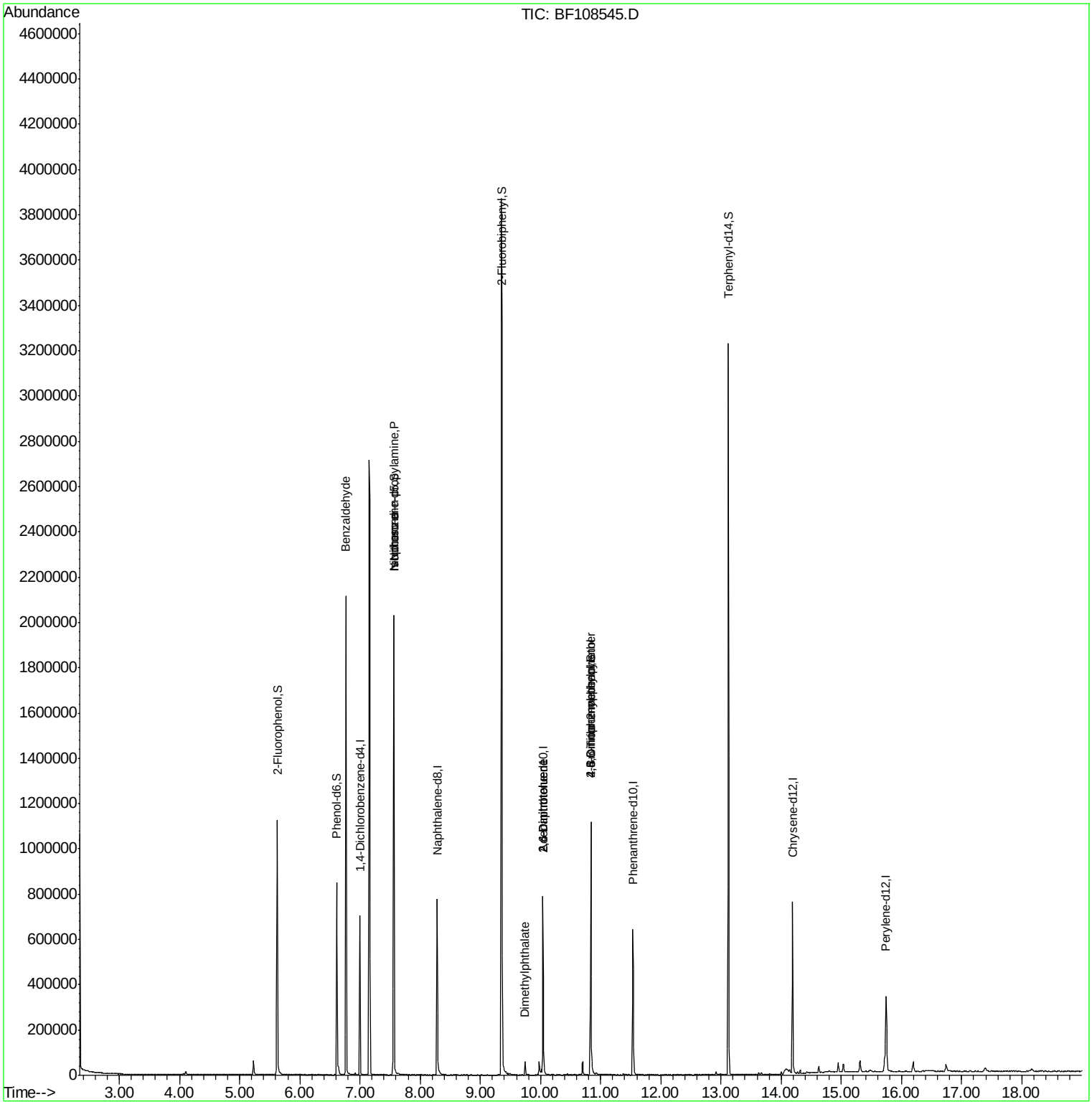
(#) = qualifier out of range (m) = manual integration (+) = signals summed

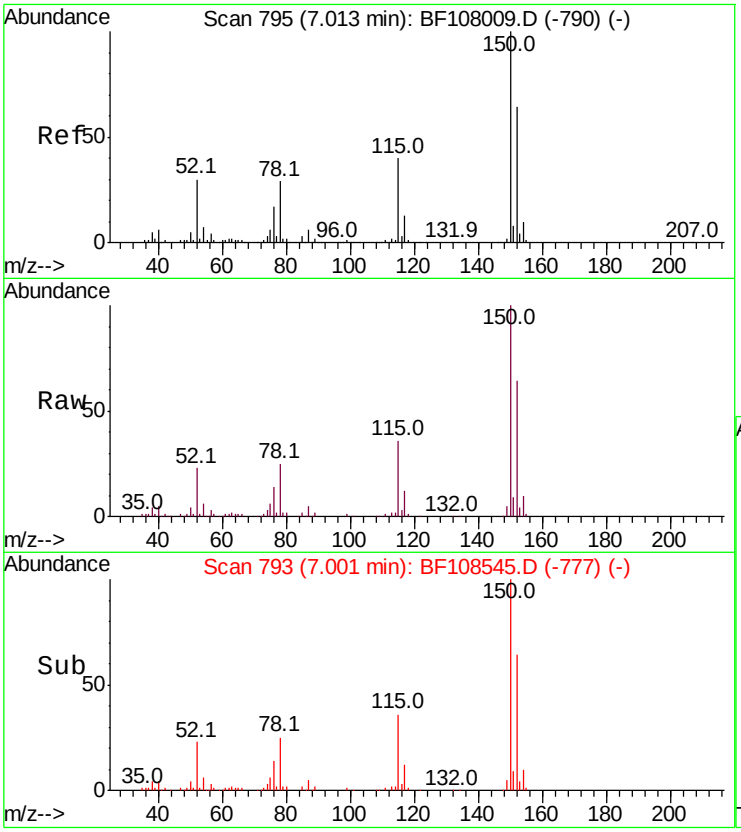
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108545.D
Acq On : 28 Aug 2018 7:45
Operator : JU/SJ
Sample : J4660-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 28 08:37:05 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



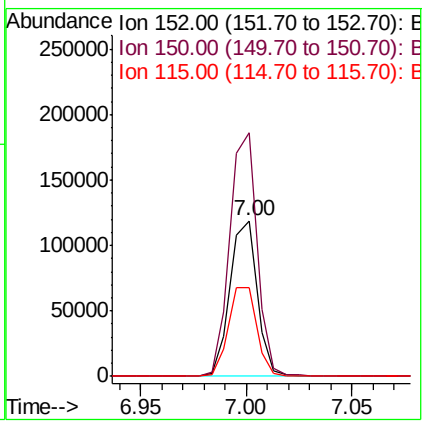


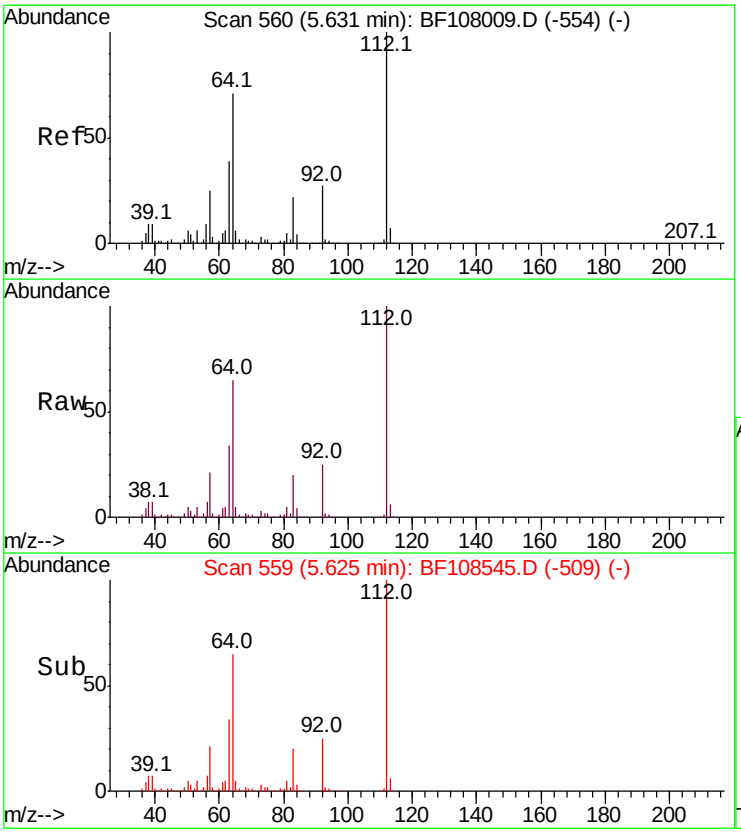
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 105827

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	57.1	50.1	75.1

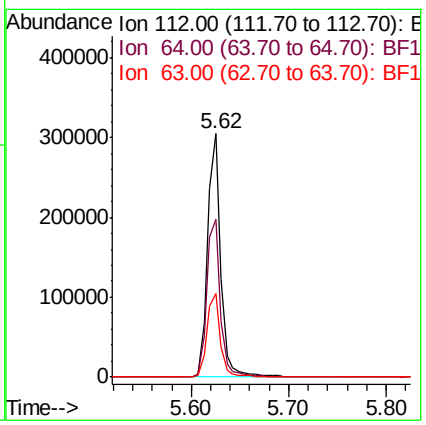


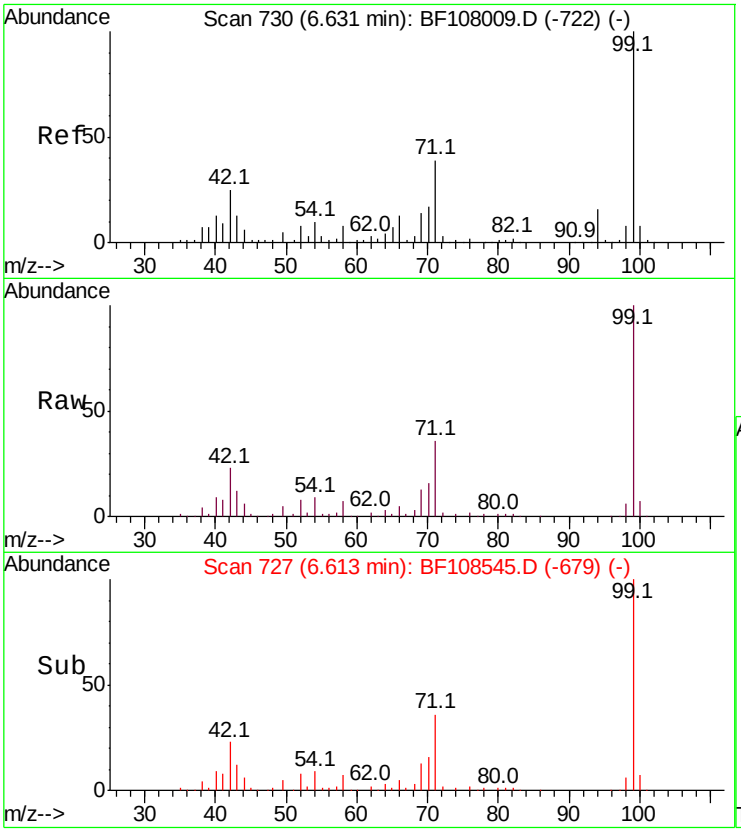


#5
2-Fluorophenol
Concen: 48.786 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion:112 Resp: 285169

Ion	Ratio	Lower	Upper
112	100		
64	64.9	47.9	71.9
63	34.4	23.7	35.5



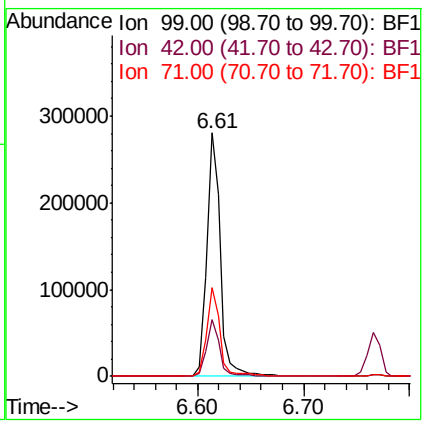


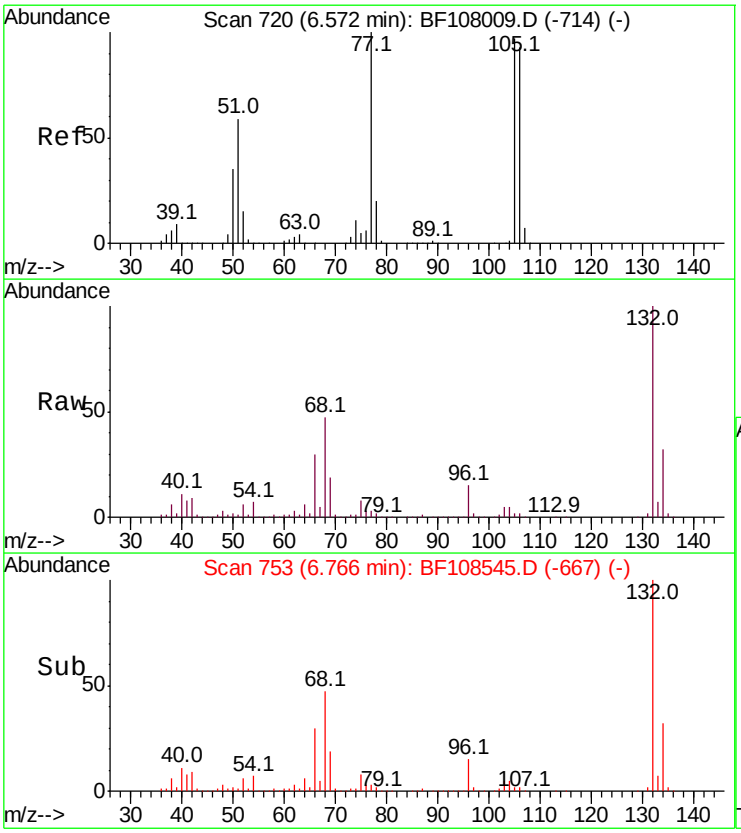
#7
Phenol-d6
Concen: 32.389 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 251587

Ion	Ratio	Lower	Upper
99	100		
42	23.1	14.5	21.7#
71	36.3	25.4	38.0

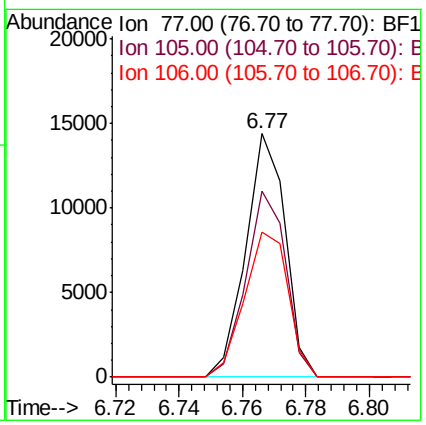


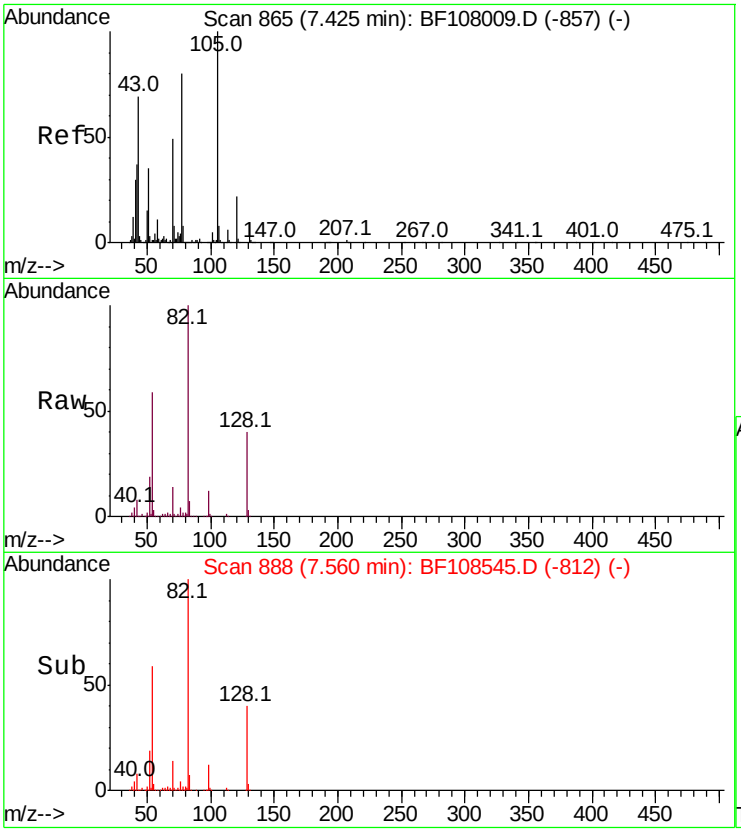


#9
Benzaldehyde
Concen: 2.064 ng
RT: 6.77 min Scan# 753
Delta R.T. 0.21 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion: 77 Resp: 12432

Ion	Ratio	Lower	Upper
77	100		
105	76.3	81.1	121.1#
106	59.4	74.5	114.5#



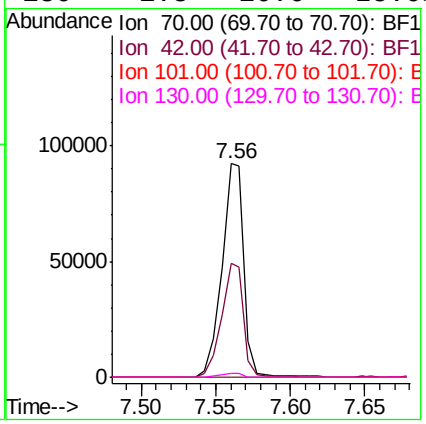


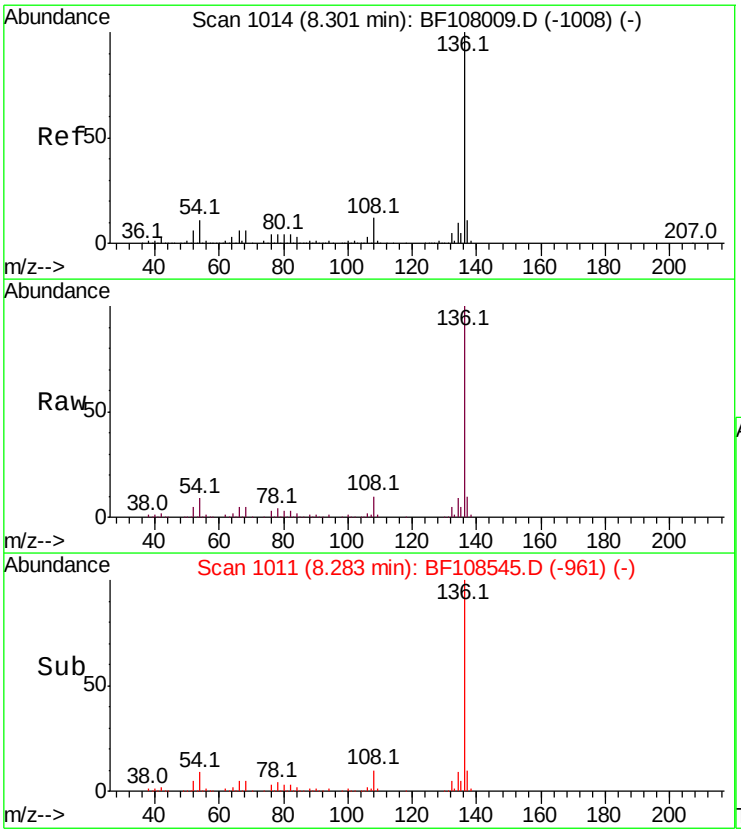
#19
n-Nitroso-di-n-propylamine
Concen: 18.306 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 96156

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

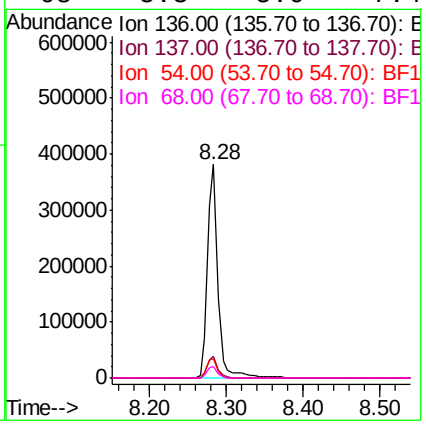


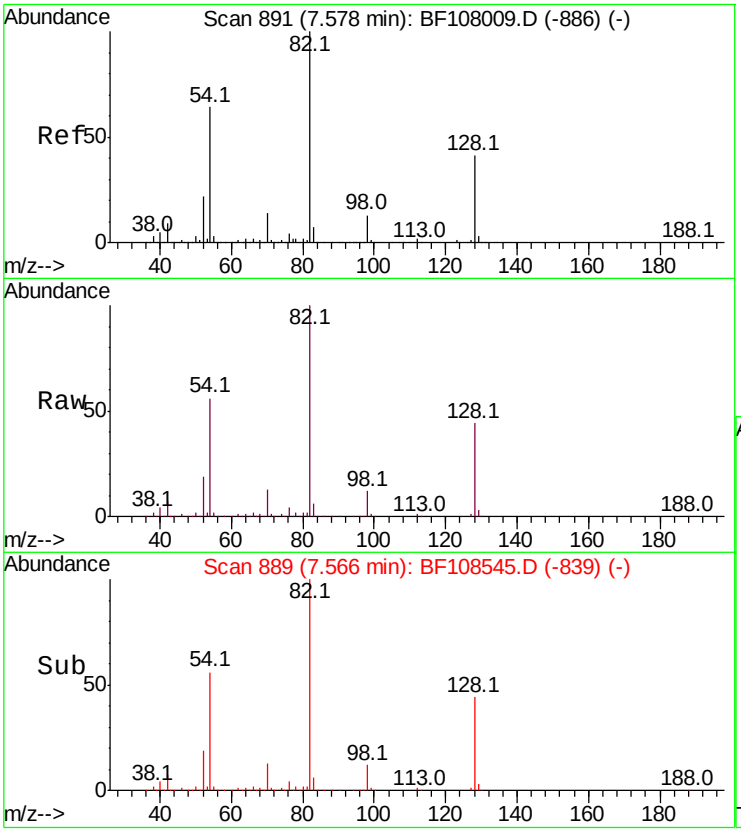


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion:136 Resp: 359056

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.9	6.6	9.8
68	5.3	5.0	7.4



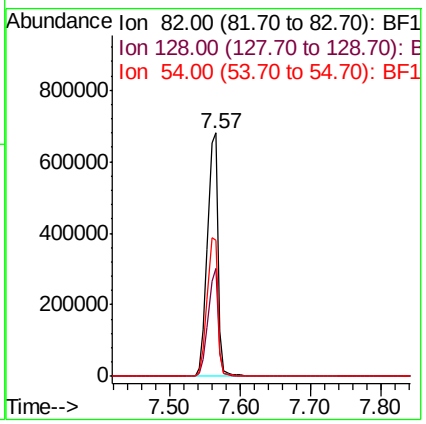


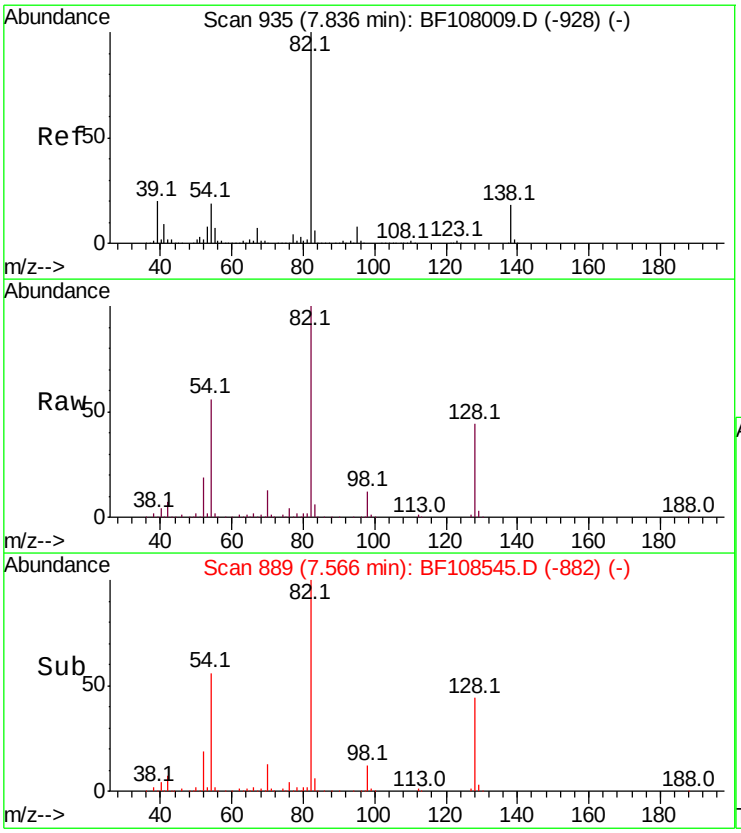
#23
Nitrobenzene-d5
Concen: 111.900 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 720021

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	55.8	41.4	62.2

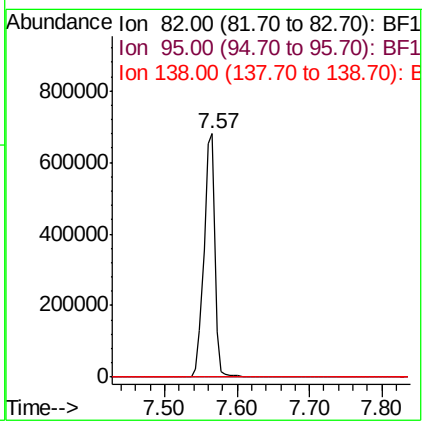


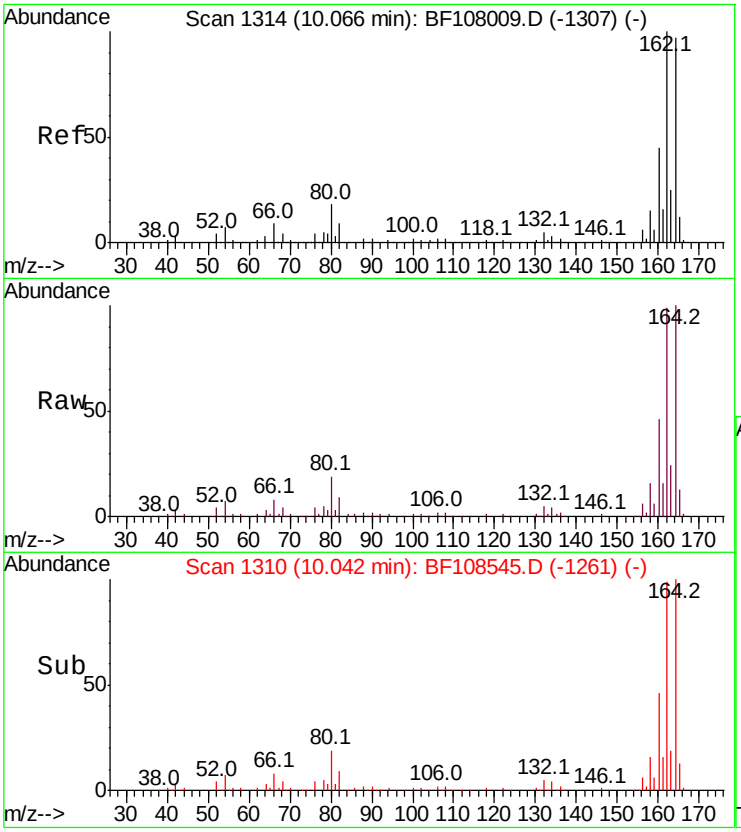


#25
Isophorone
Concen: 58.707 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion: 82 Resp: 720016

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



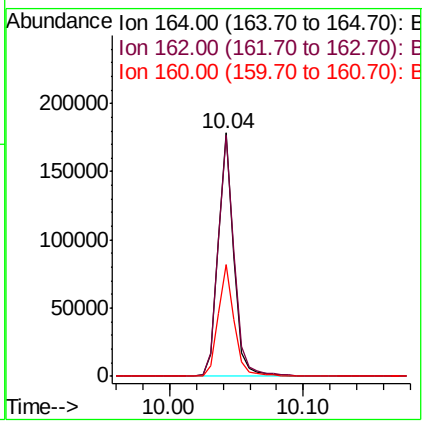


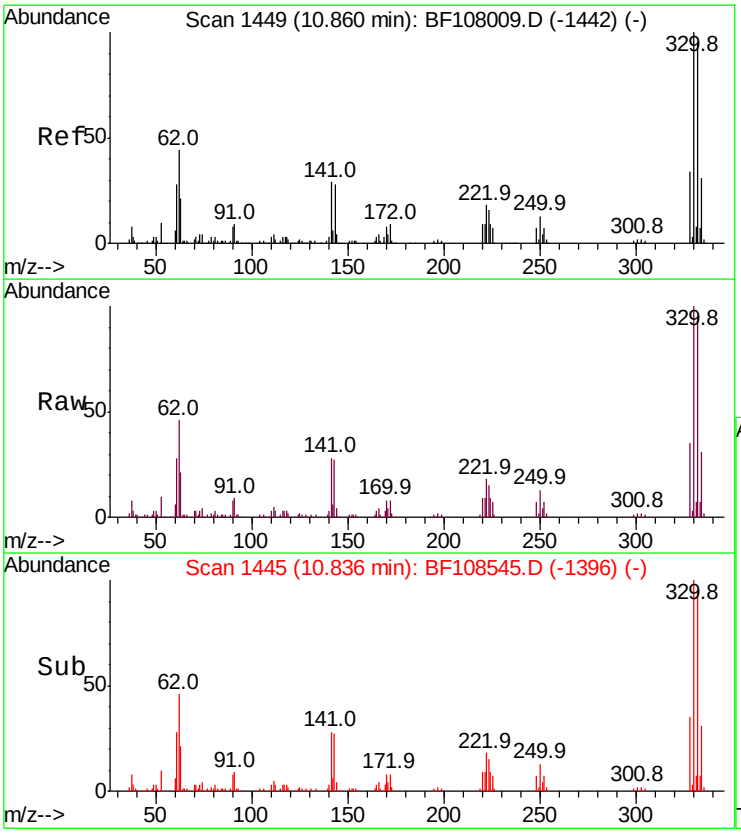
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 147839

Ion	Ratio	Lower	Upper
164	100		
162	98.8	86.1	129.1
160	46.2	38.3	57.5

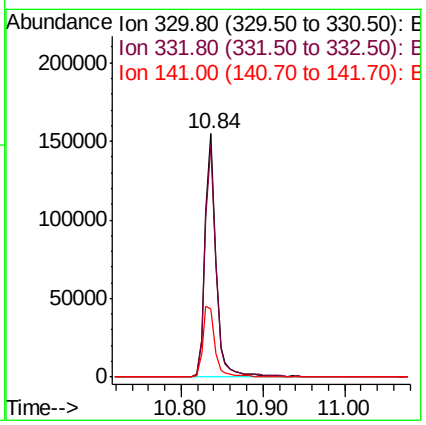


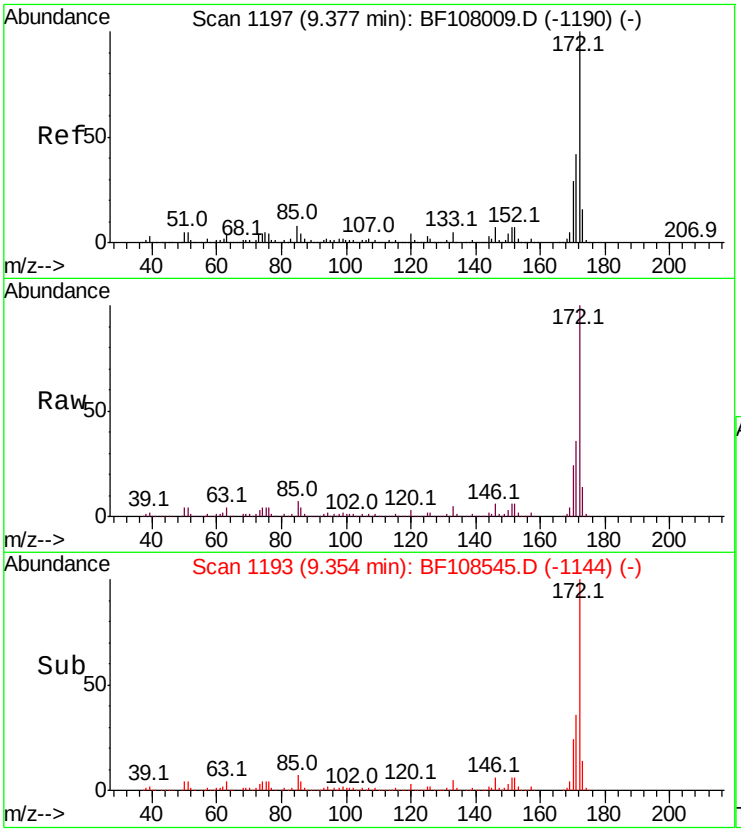


#41
2,4,6-Tribromophenol
Concen: 99.411 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion:330 Resp: 146597

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.1	29.9	44.9



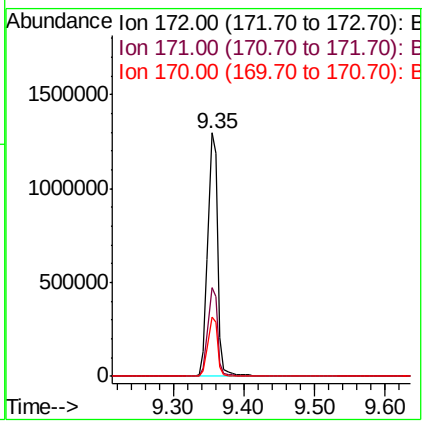


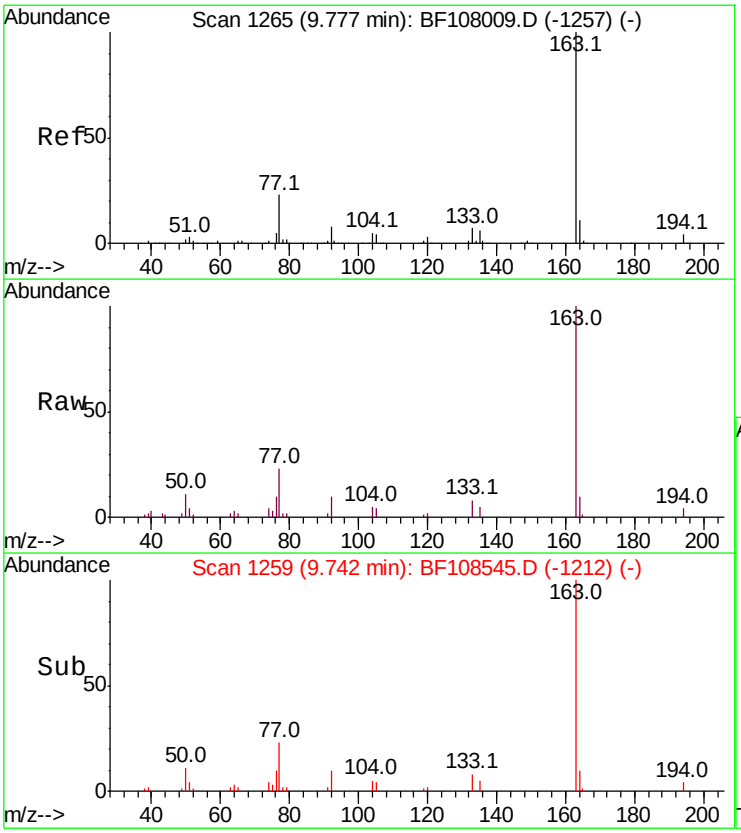
#44
2-Fluorobiphenyl
Concen: 138.324 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1273748

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

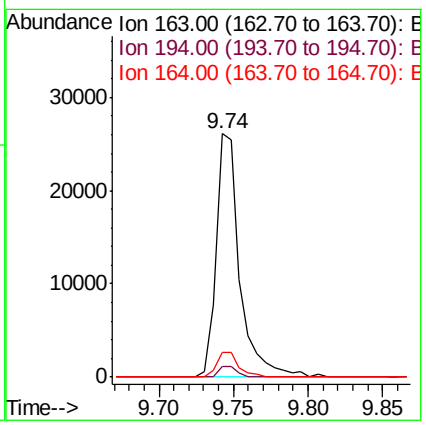


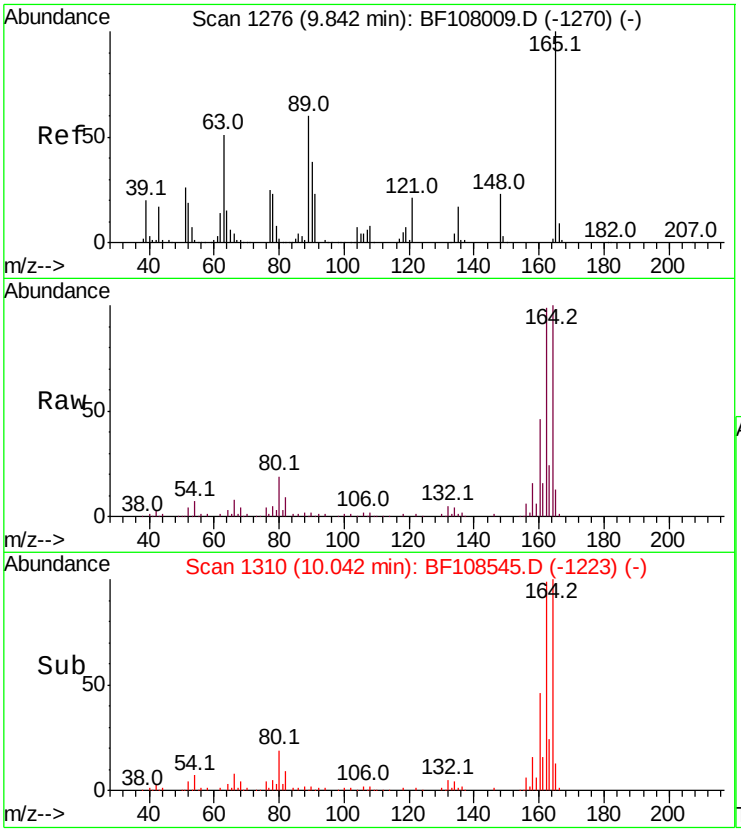


#49
Dimethylphthalate
Concen: 2.808 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion:163 Resp: 28916

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.4	8.2	12.2



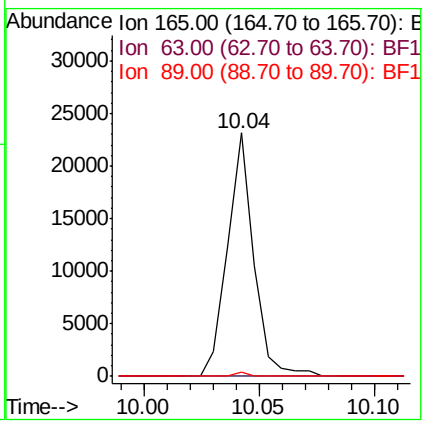


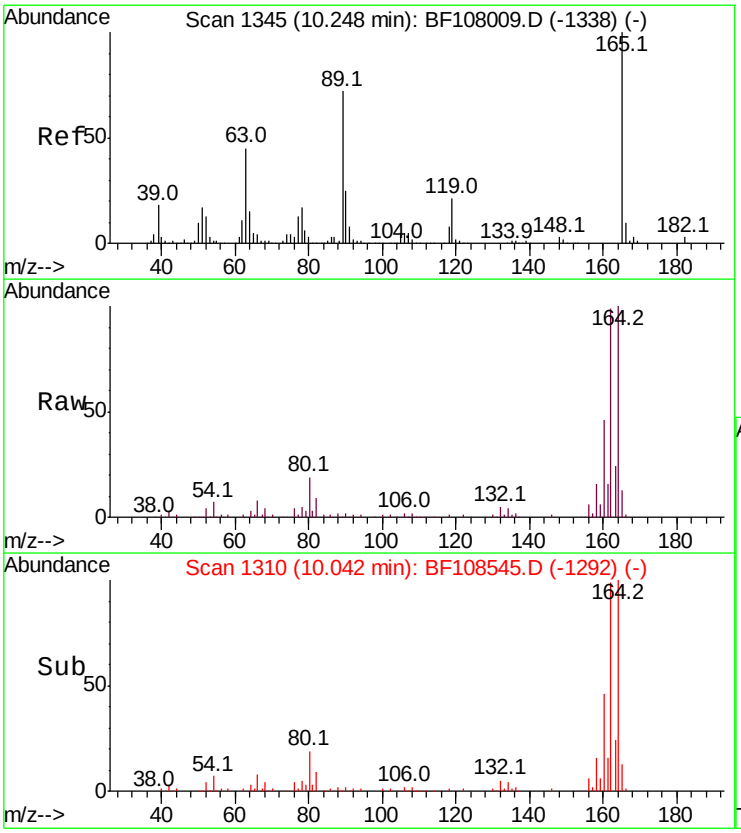
#50
2,6-Dinitrotoluene
Concen: 8.491 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18294

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#

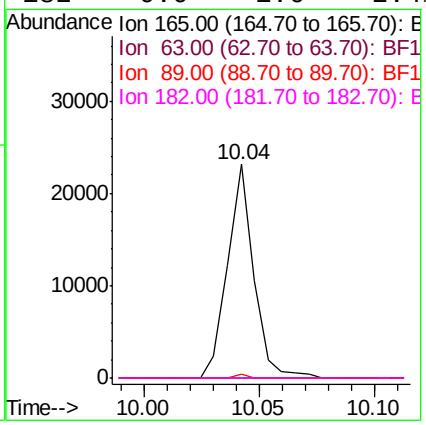


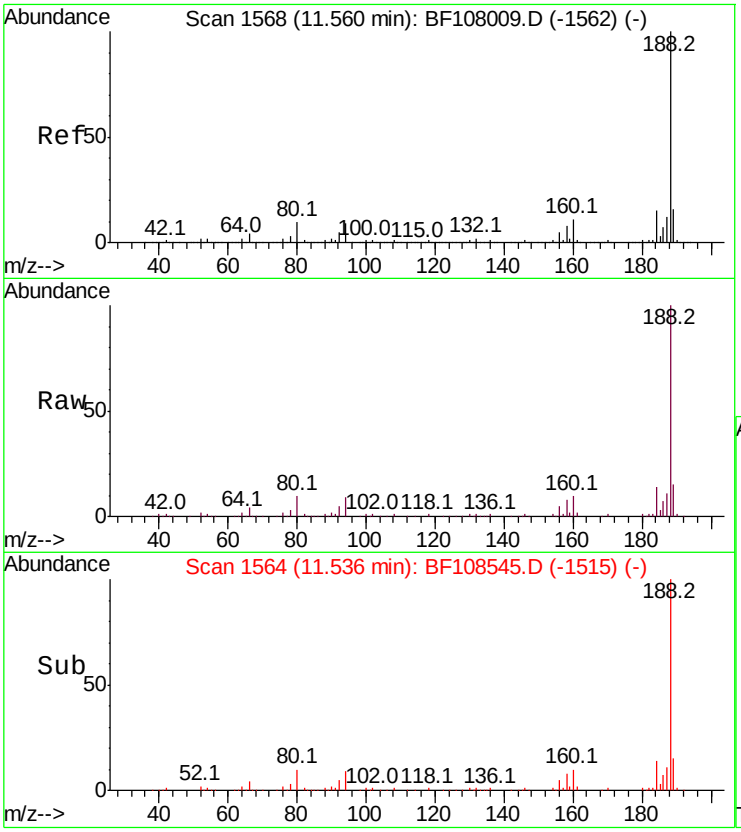


#56
2,4-Dinitrotoluene
Concen: 6.596 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion:165 Resp: 18294

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



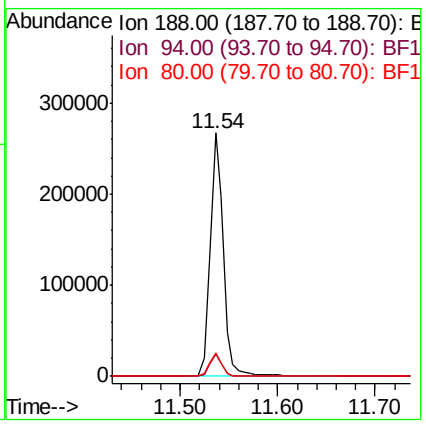


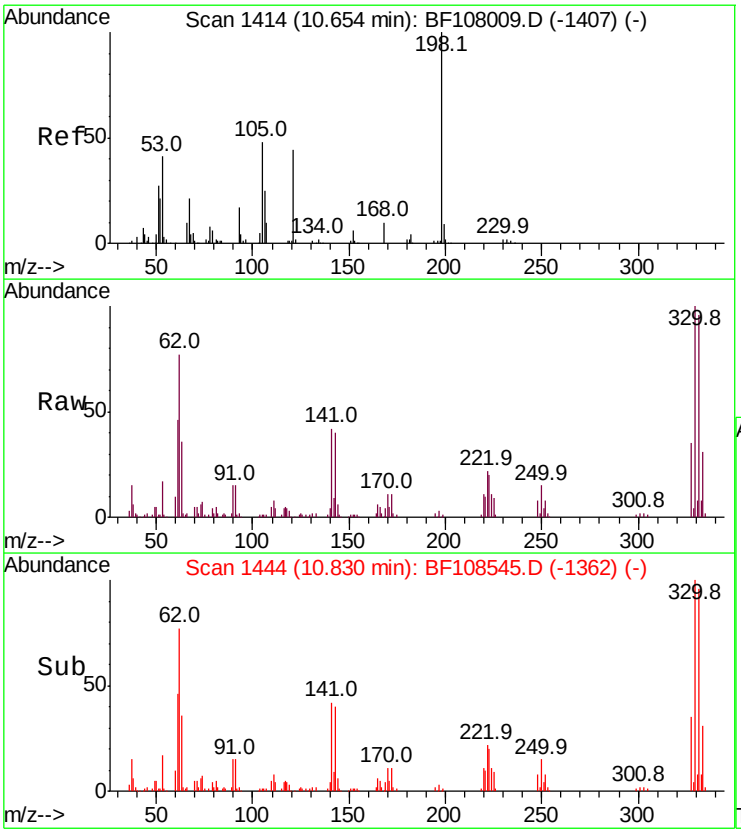
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 247202

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.6	9.2	13.8

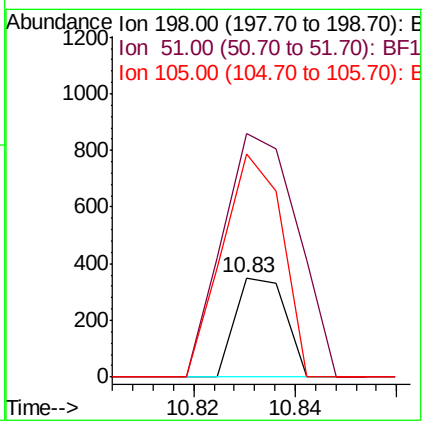


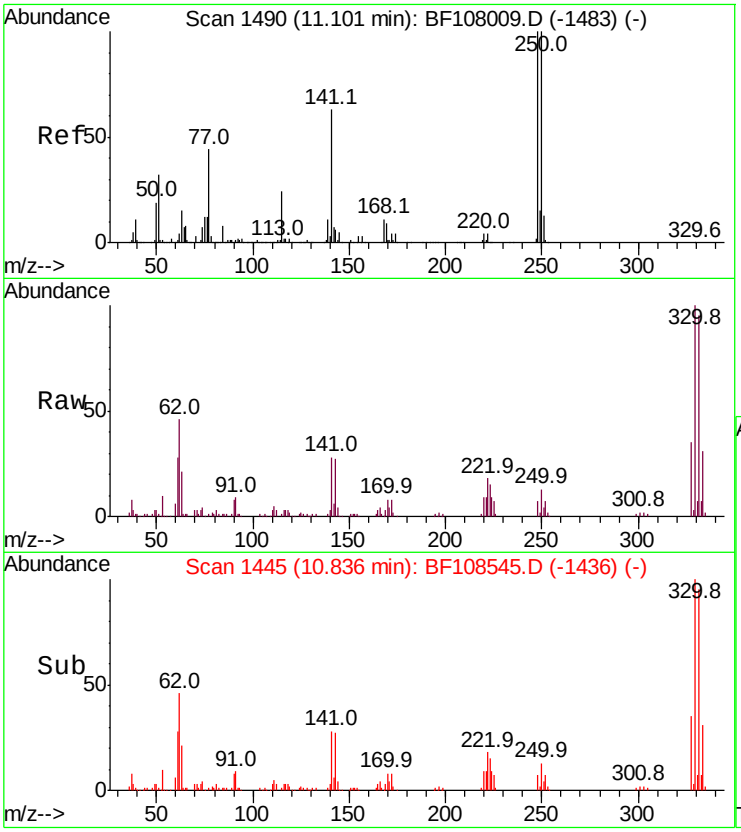


#64
4,6-Dinitro-2-methylphenol
Concen: 5.588 ng
RT: 10.83 min Scan# 1444
Delta R.T. 0.18 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion:198 Resp: 240

Ion	Ratio	Lower	Upper
198	100		
51	245.4	37.7	77.7#
105	225.4	36.3	76.3#



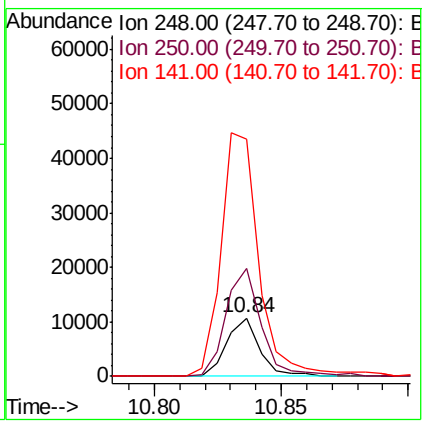


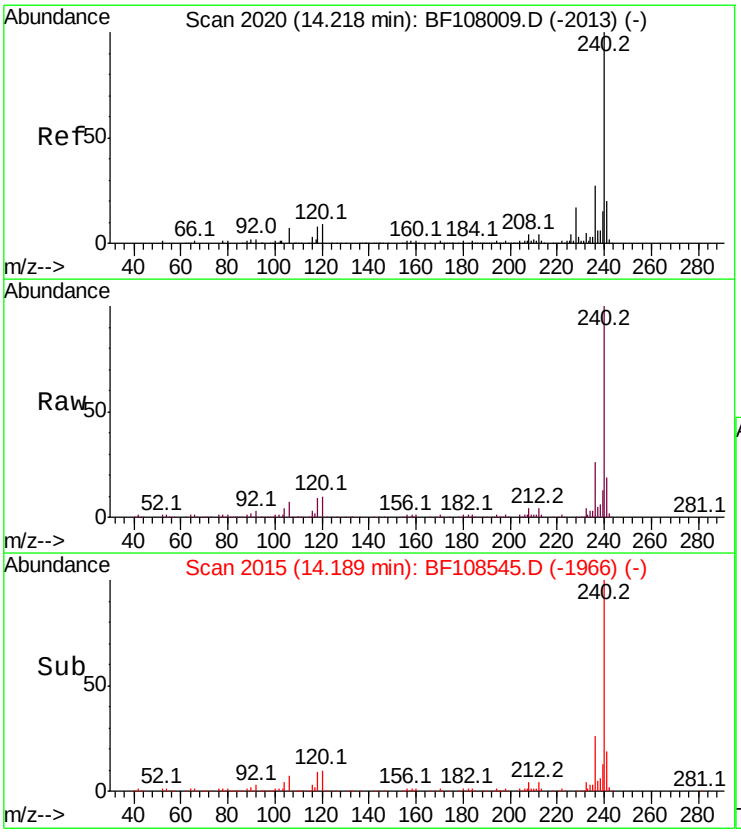
#66
4-Bromophenyl-phenylether
Concen: 3.607 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9691

Ion	Ratio	Lower	Upper
248	100		
250	184.4	76.9	115.3#
141	405.5	74.4	111.6#

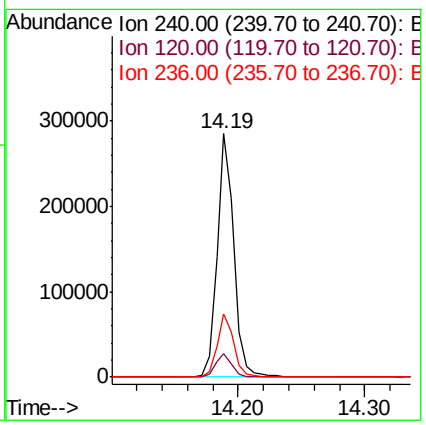


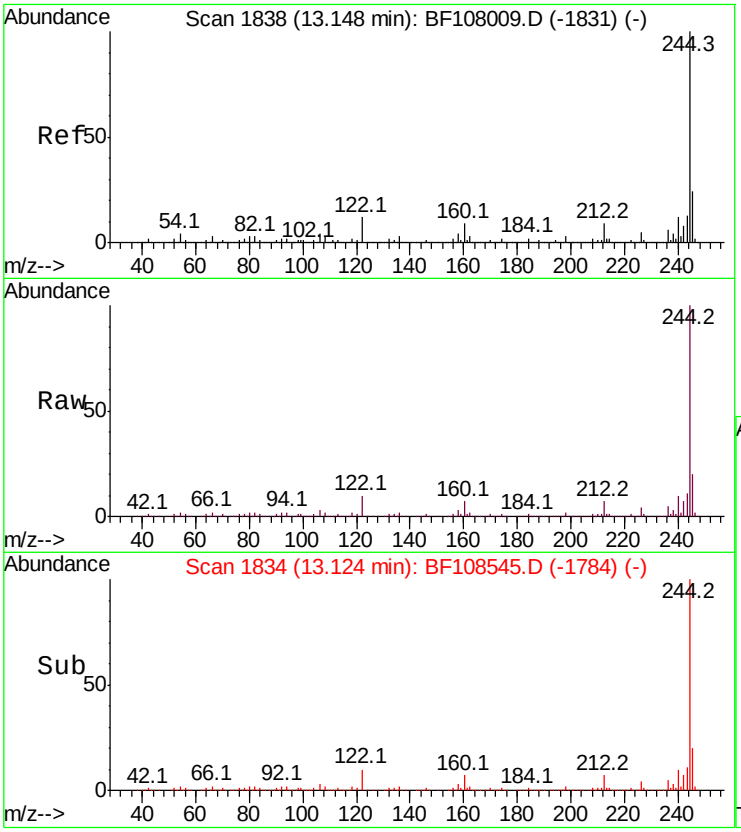


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion:240 Resp: 262362

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.8	20.7	31.1



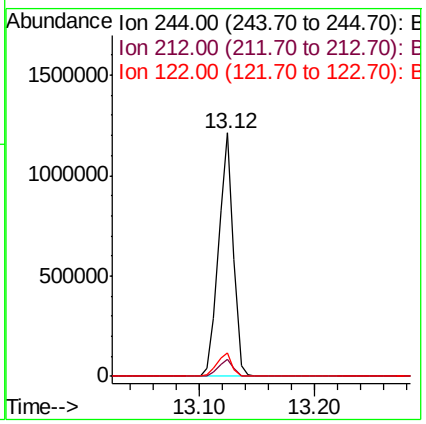


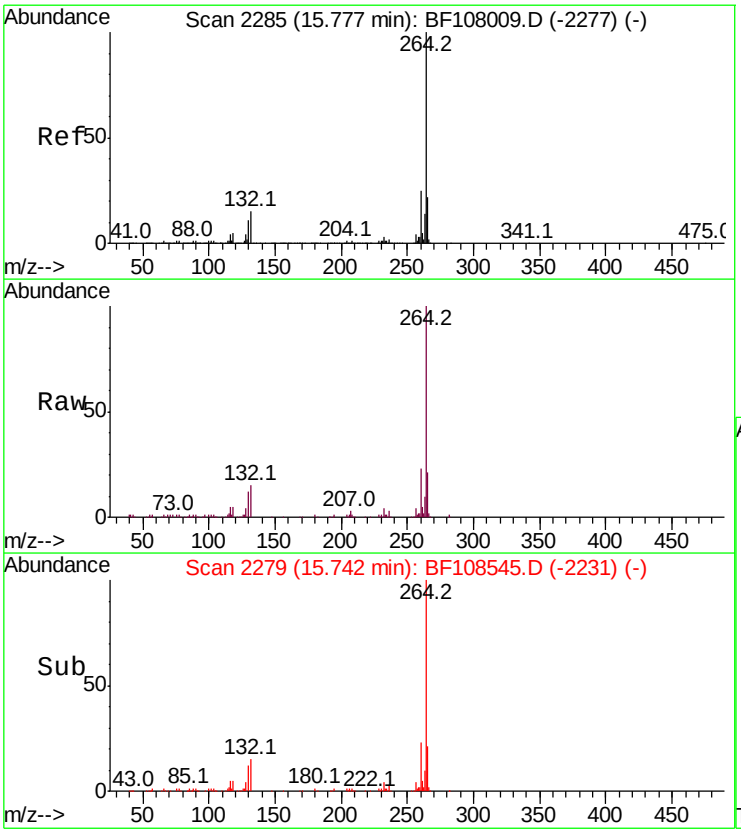
#78
Terphenyl-d14
Concen: 103.480 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1067790

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108545.D
Acq: 28 Aug 2018 7:45

Tgt Ion:264 Resp: 184393

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3