Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108555.D
Acq On : 28 Aug 2018 15:12
Operator : JU/SJ
Sample : J4538-03RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 28 16:30:04 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	121214	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	463525	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	233458	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	433945	20.00	ng	0.00
75) Chrysene-d12	14.19	240	262611	20.00	ng	0.00
86) Perylene-d12	15.75	264	280897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	715248	106.83	ng	0.02
7) Phenol-d6	6.64	99	929842	104.51	ng	0.00
23) Nitrobenzene-d5	7.57	82	609973	73.43	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	251938	108.19	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1081017	74.34	ng	-0.01
78) Terphenyl-d14	13.12	244	874973	84.71	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	83316	13.848	ng	# 84
25) Isophorone	7.57	82	609968	38.525	ng	# 64
49) Dimethylphthalate	9.75	163	81222	4.995	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	28626	8.413	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	28626	6.536	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	548	5.657	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	16545	3.508	ng	# 1

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

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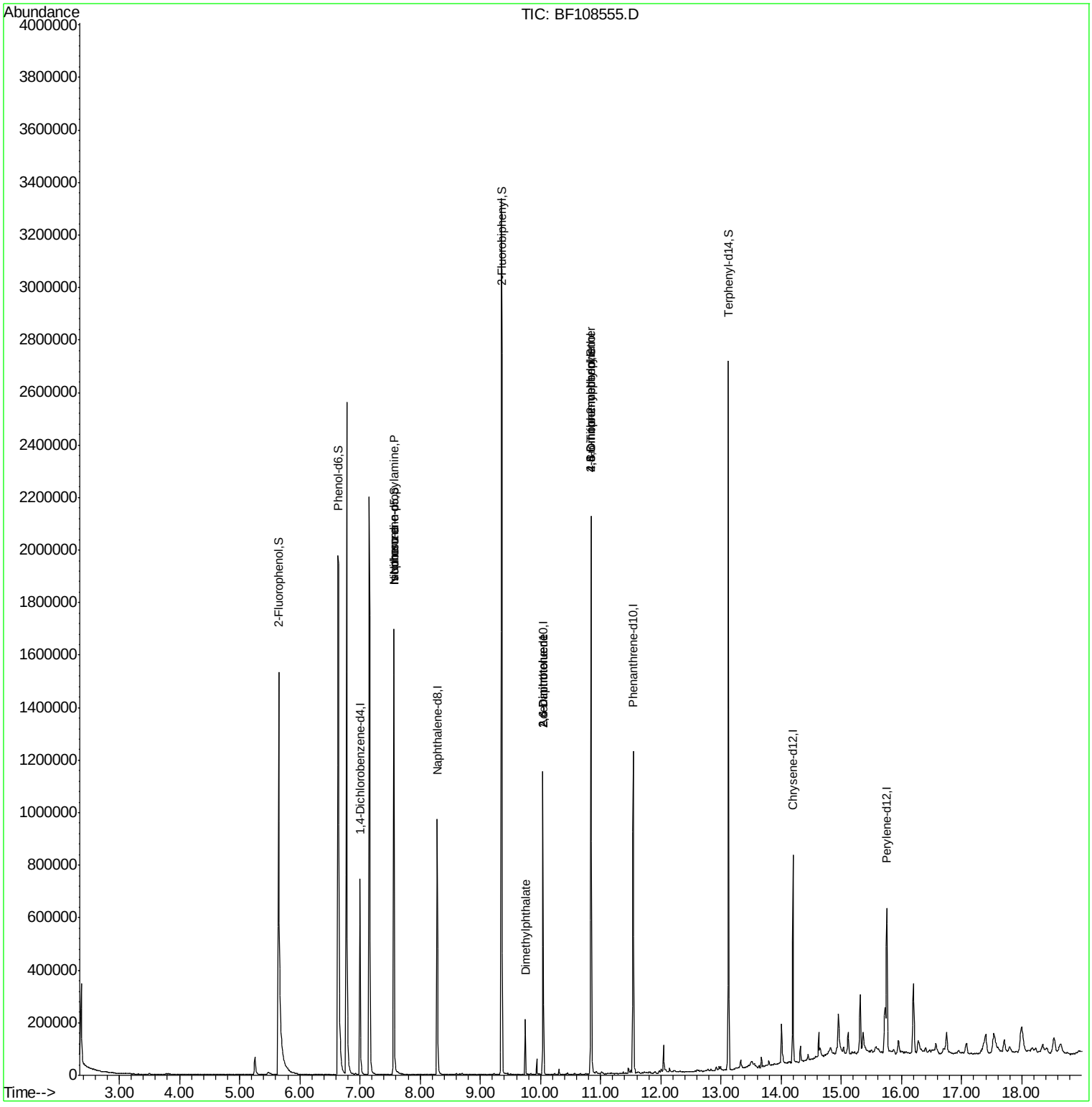
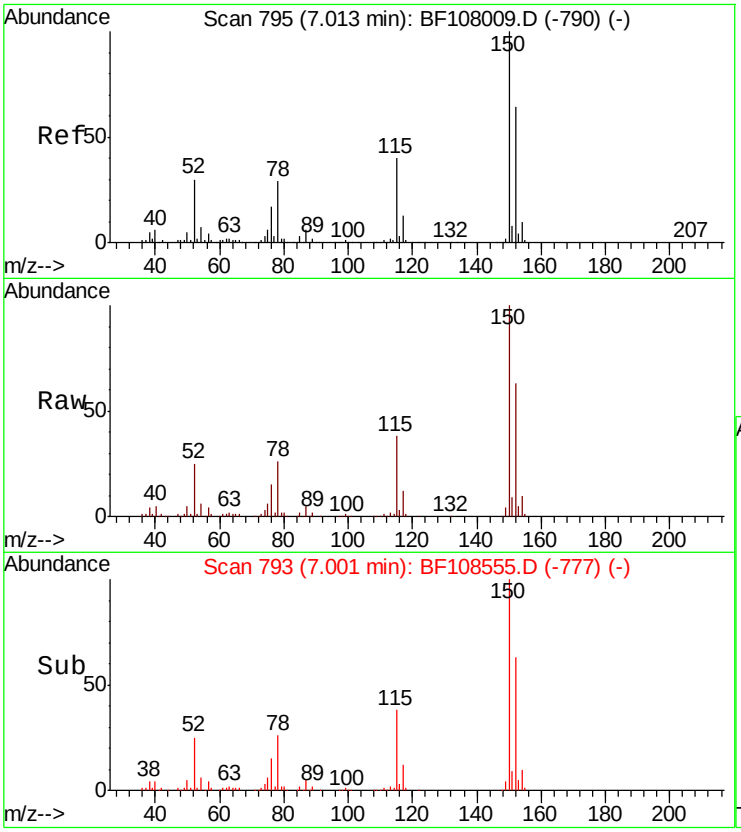


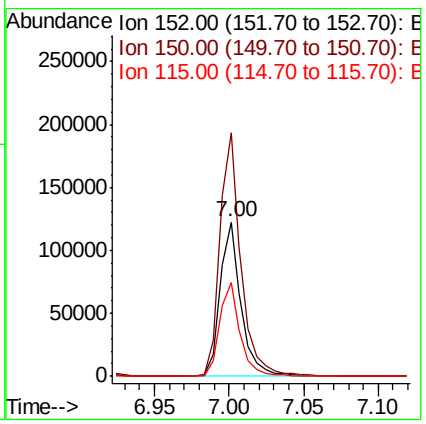


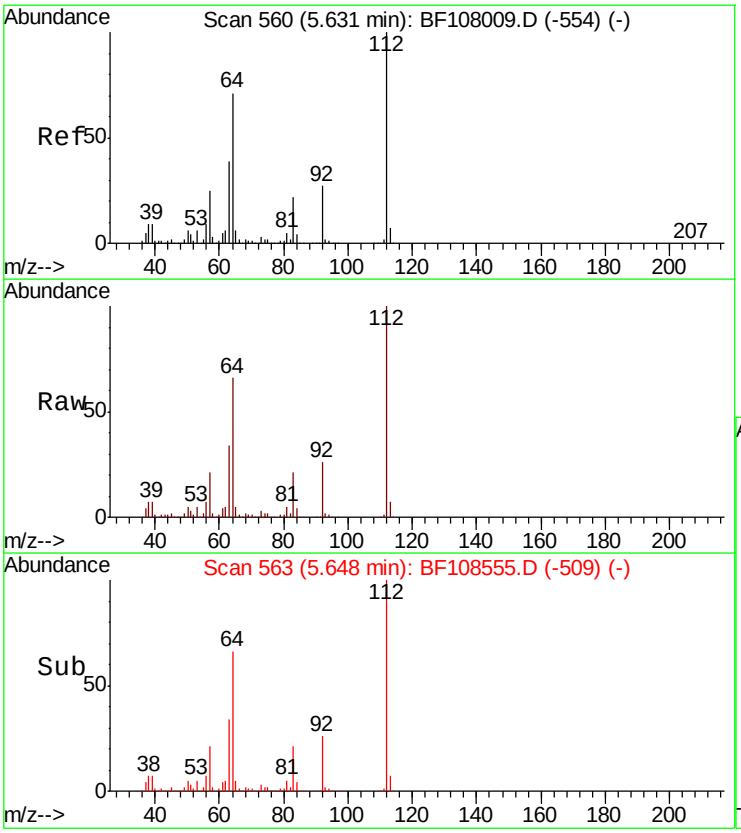
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121214

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	60.5	50.1	75.1

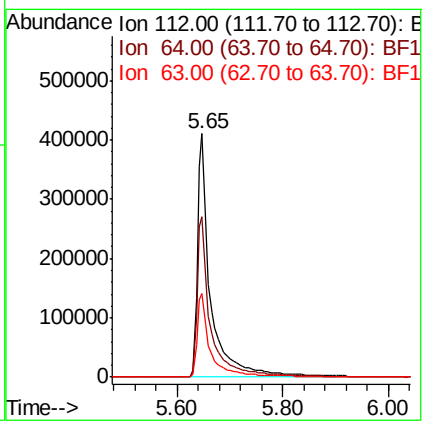


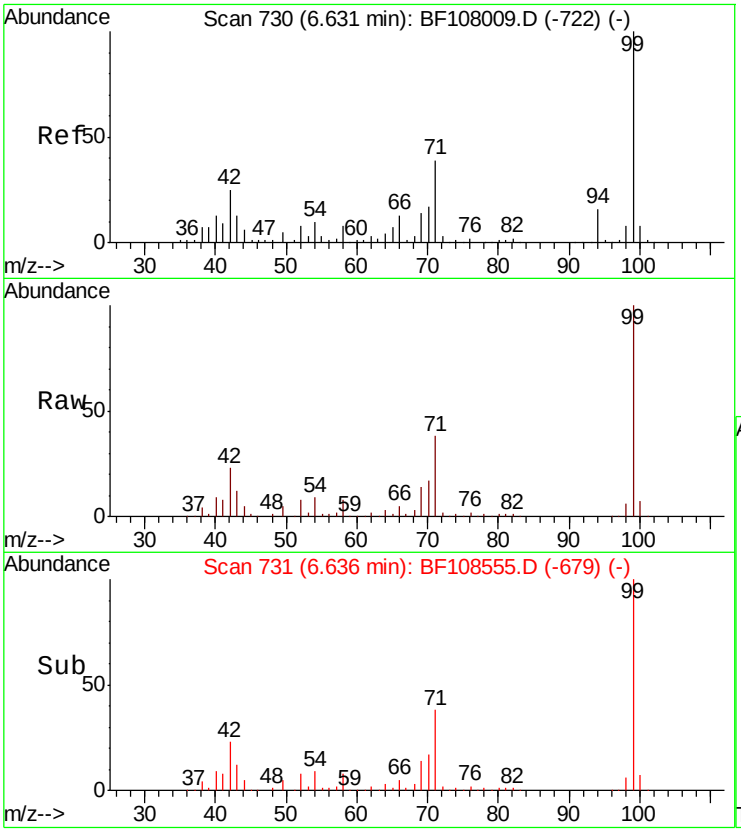


#5
2-Fluorophenol
Concen: 106.830 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Tgt Ion:112 Resp: 715248

Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	34.4	23.7	35.5



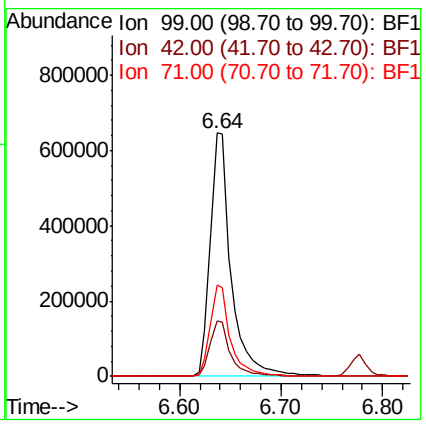


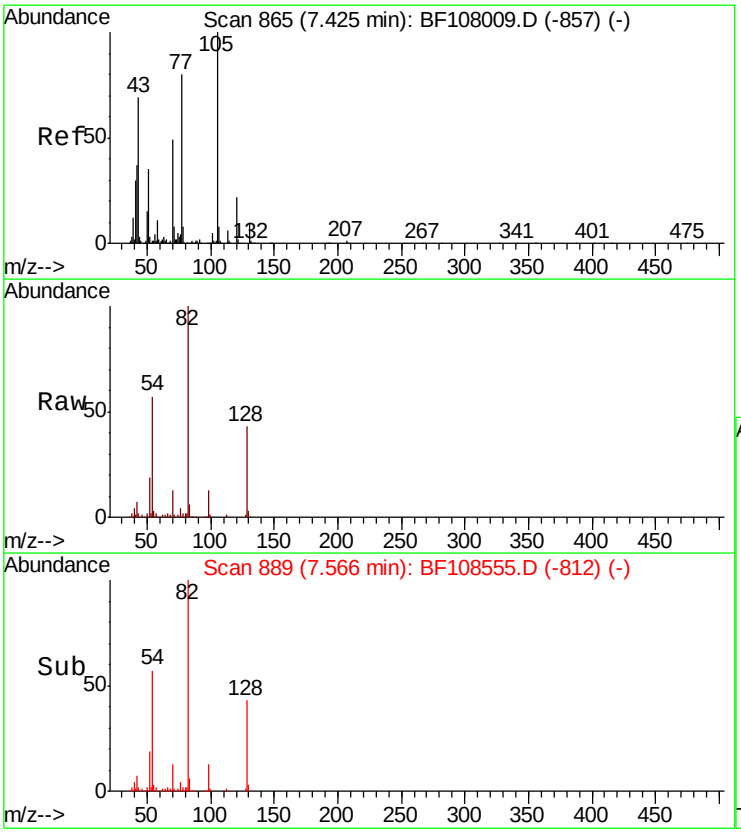
#7
Phenol-d6
Concen: 104.511 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 929842

Ion	Ratio	Lower	Upper
99	100		
42	23.0	14.5	21.7#
71	37.6	25.4	38.0

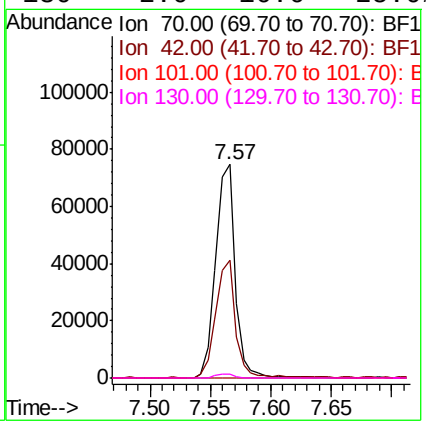


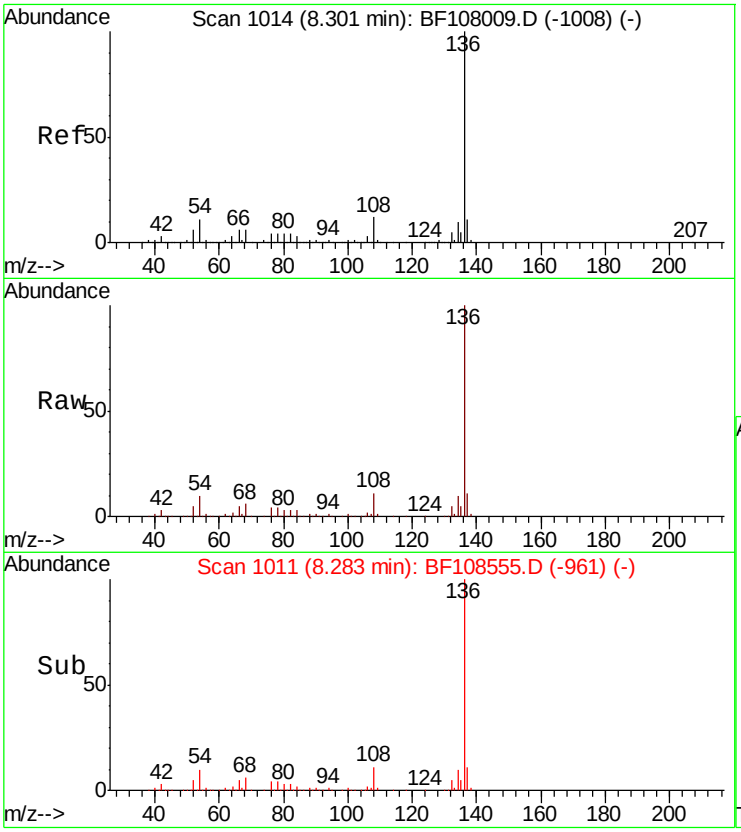


#19
n-Nitroso-di-n-propylamine
Concen: 13.848 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Tgt Ion: 70 Resp: 83316

Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



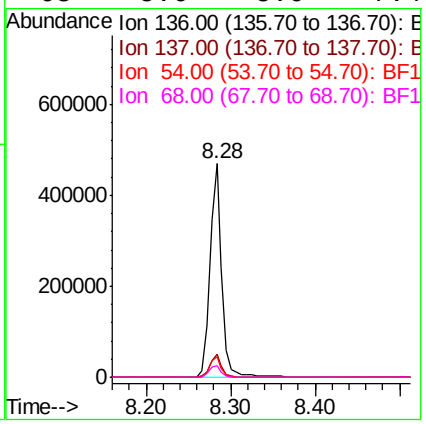


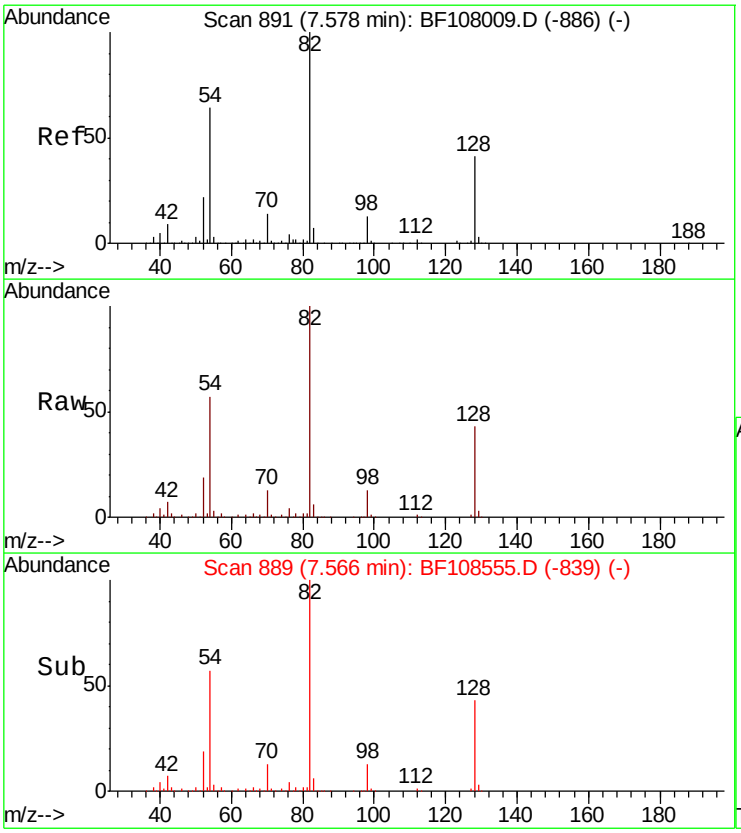
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 463525

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	6.6	9.8
68	5.6	5.0	7.4

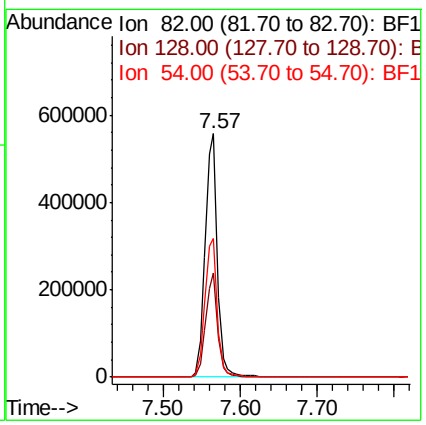


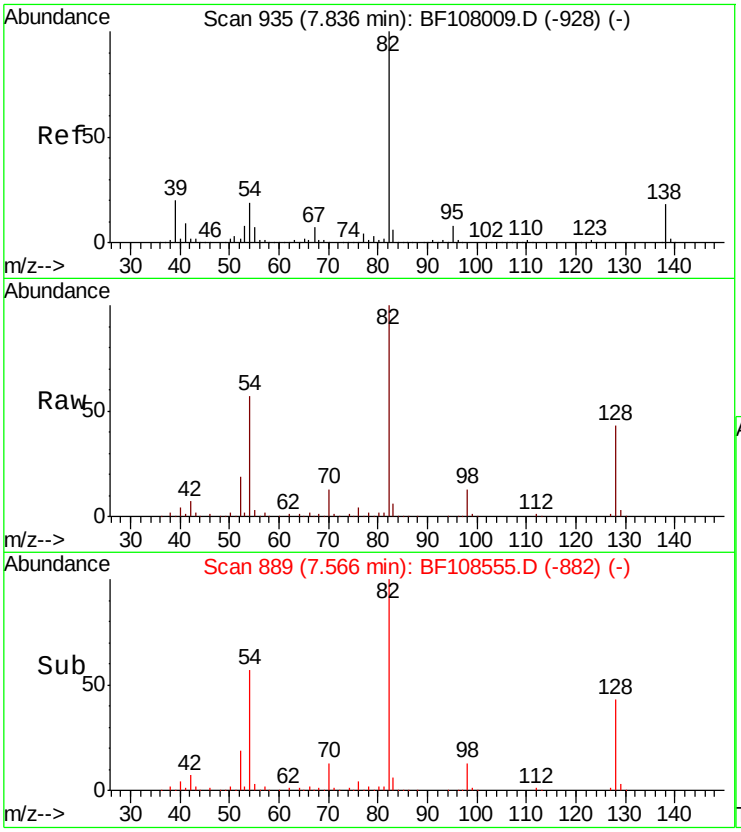


#23
Nitrobenzene-d5
Concen: 73.432 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Tgt Ion: 82 Resp: 609973

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	57.1	41.4	62.2



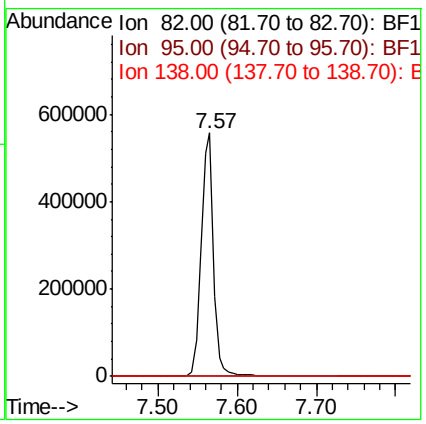


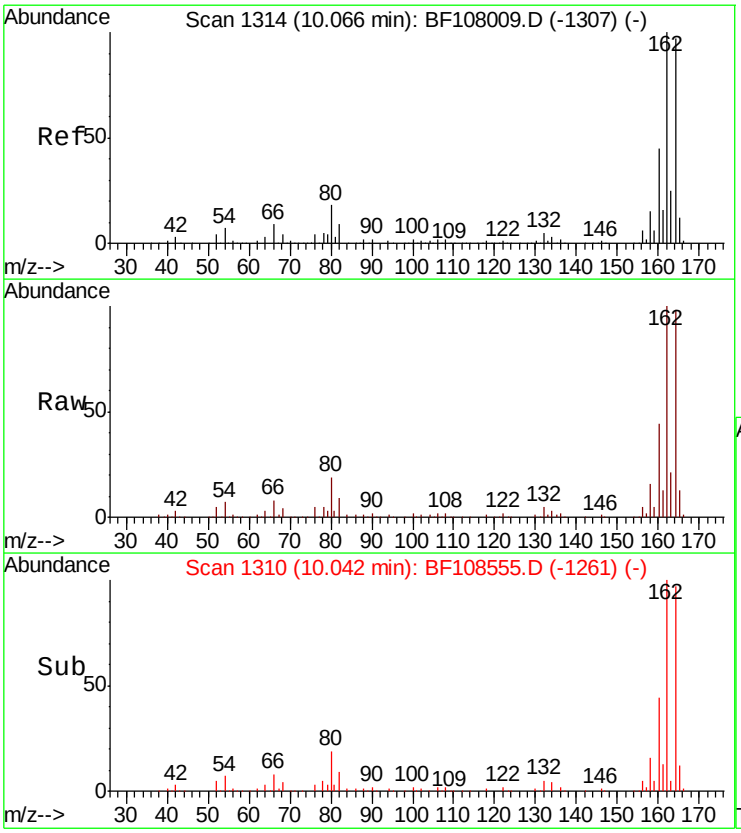
#25
Isophorone
Concen: 38.525 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 609968

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

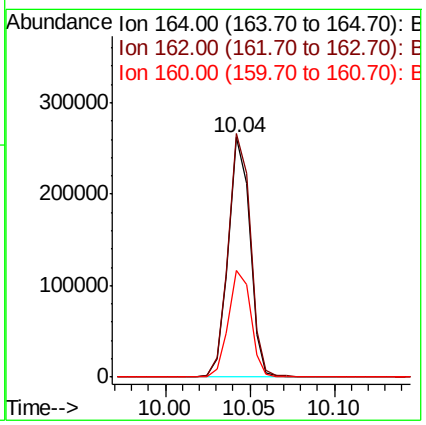


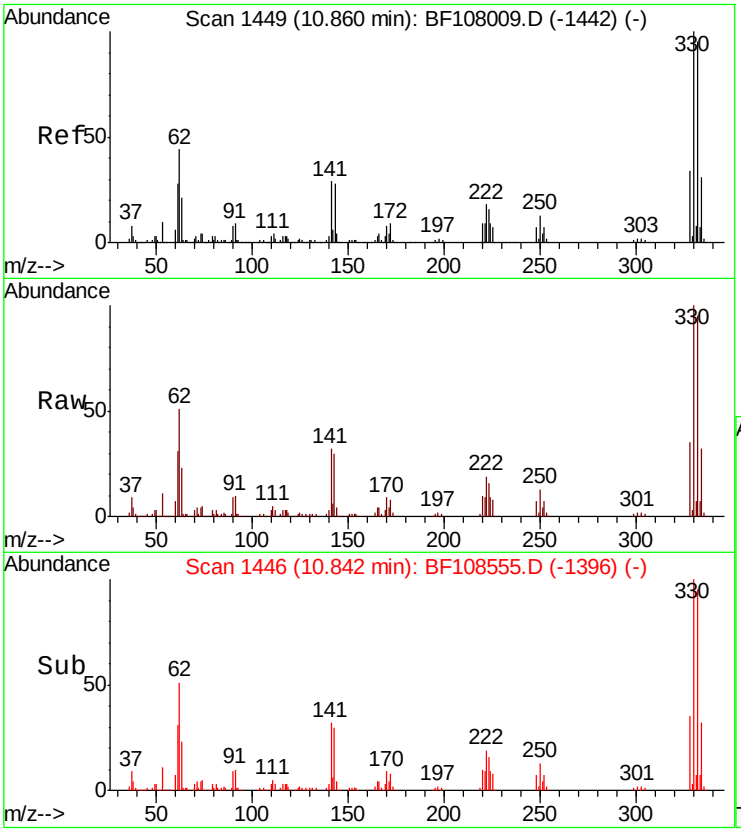


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Tgt Ion:164 Resp: 233458

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	44.5	38.3	57.5



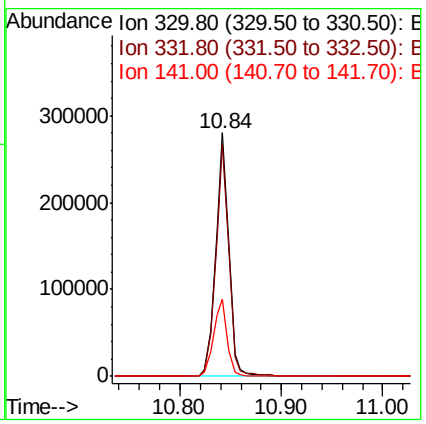


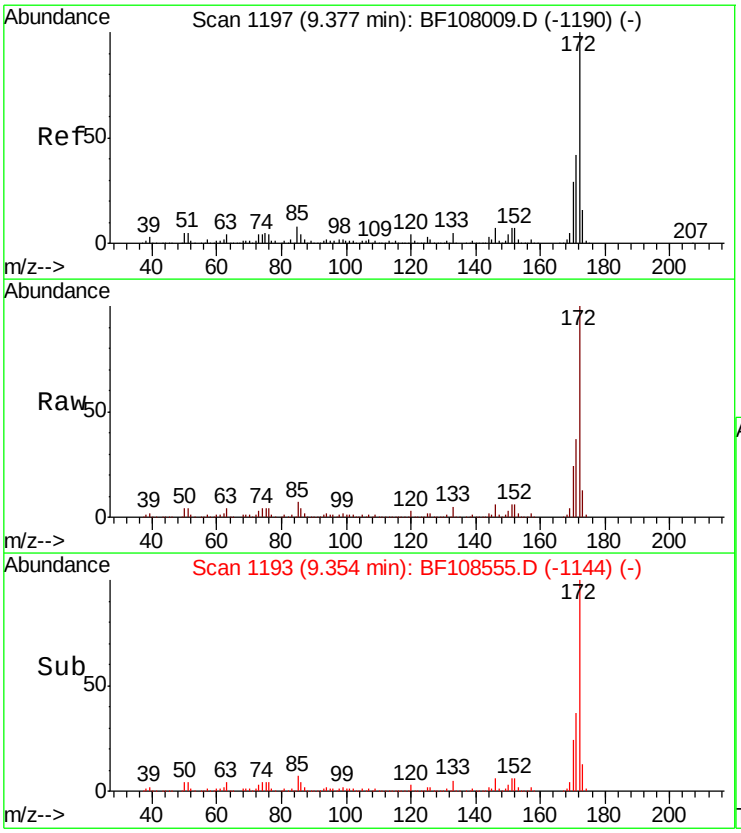
#41
2,4,6-Tribromophenol
Concen: 108.189 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 251938

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	32.8	29.9	44.9

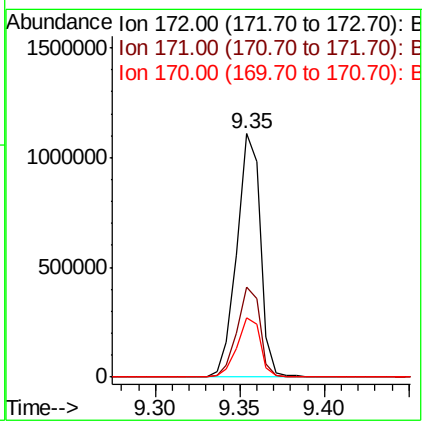


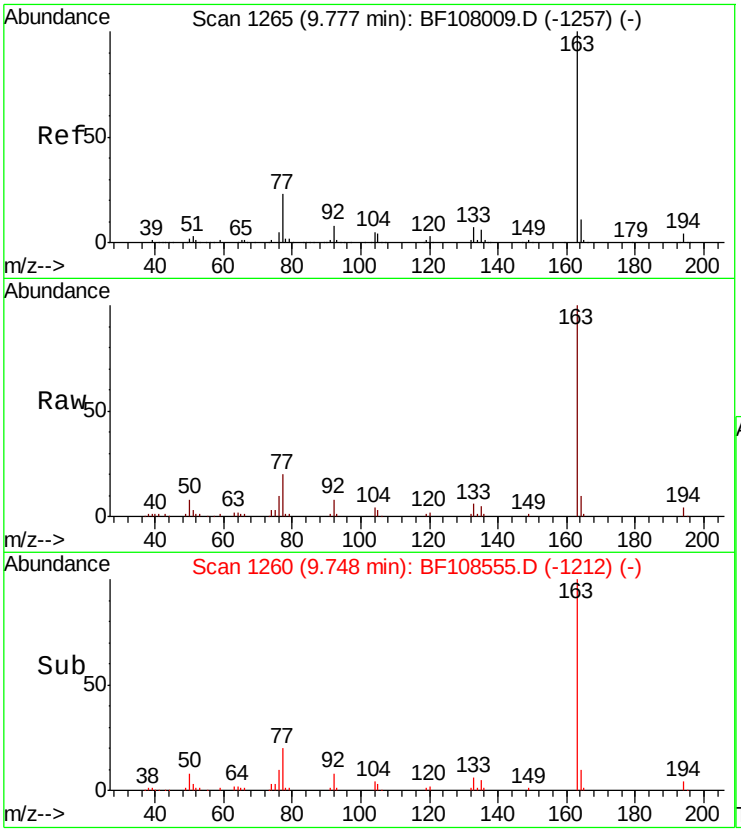


#44
2-Fluorobiphenyl
Concen: 74.341 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Tgt Ion:172 Resp: 1081017

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.5	19.6	29.4



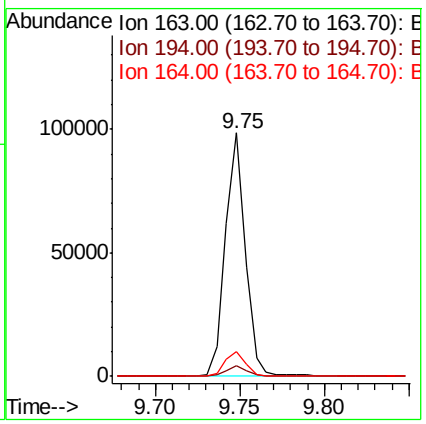


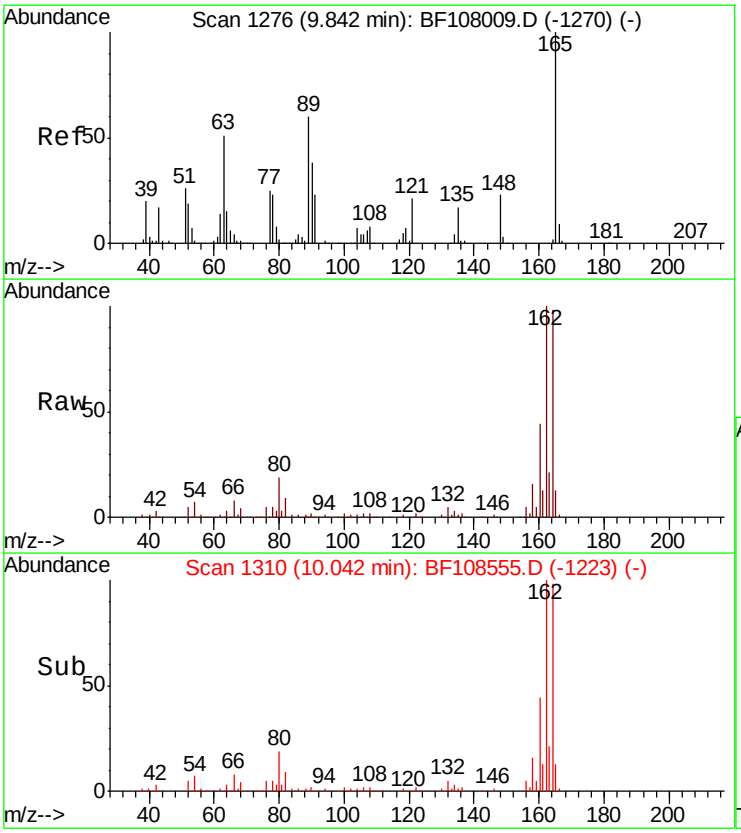
#49
Dimethylphthalate
Concen: 4.995 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 81222

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.1	8.2	12.2

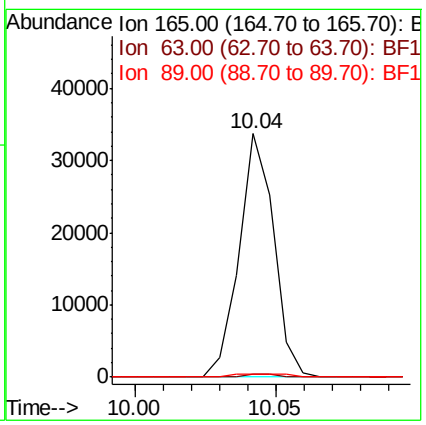


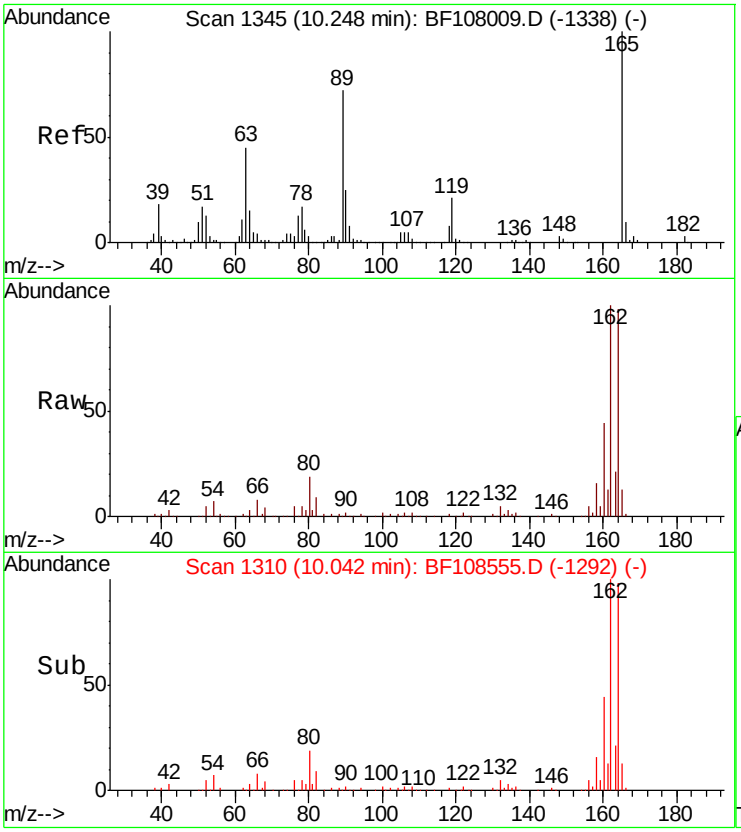


#50
2,6-Dinitrotoluene
Concen: 8.413 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Tgt Ion:165 Resp: 28626

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.1	44.0	66.0#



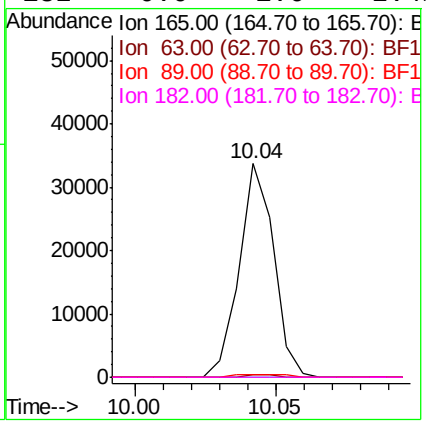


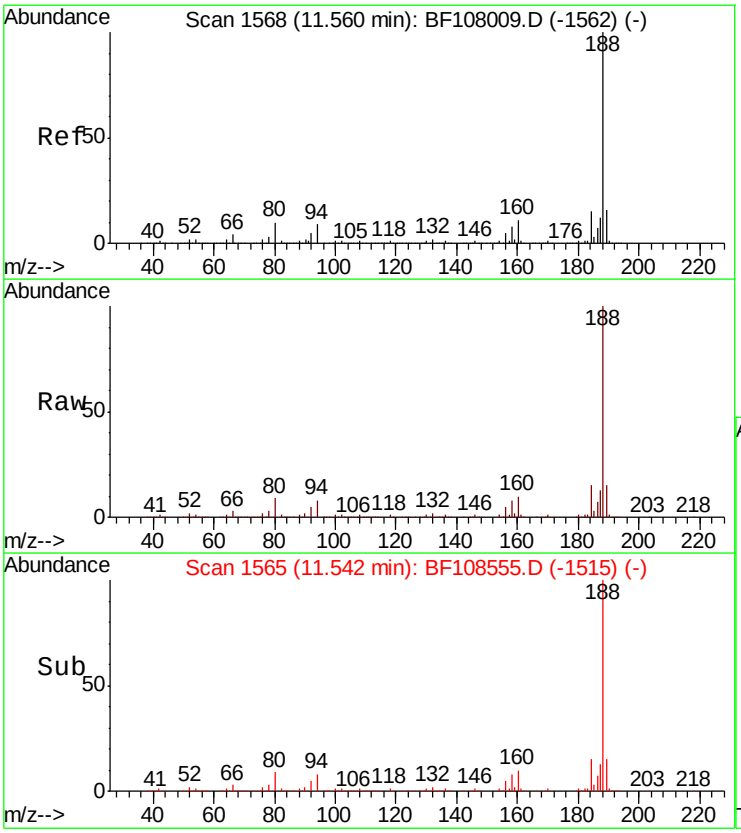
#56
2,4-Dinitrotoluene
Concen: 6.536 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28626

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

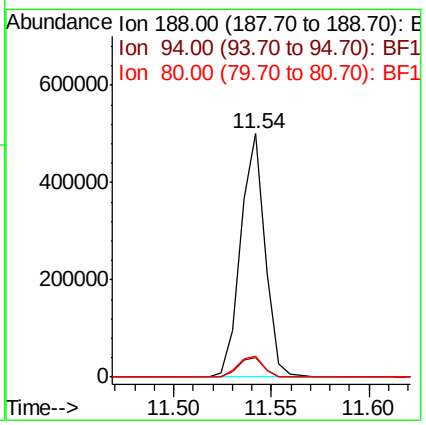


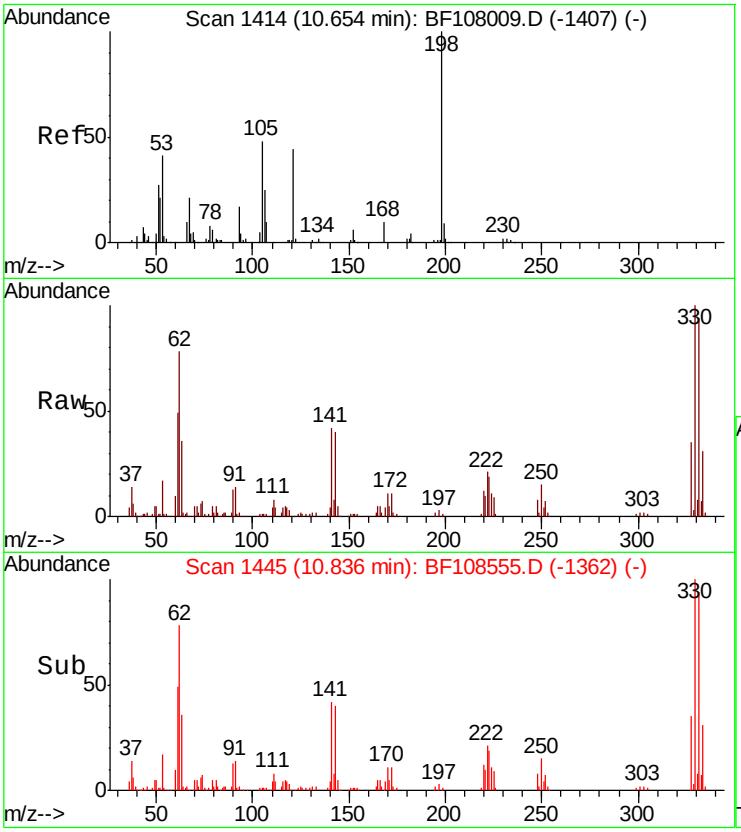


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Tgt Ion:188 Resp: 433945

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.8	9.2	13.8#



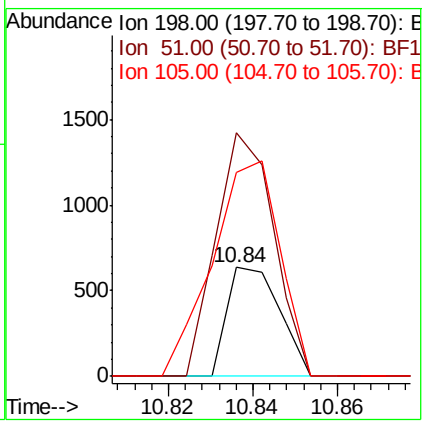


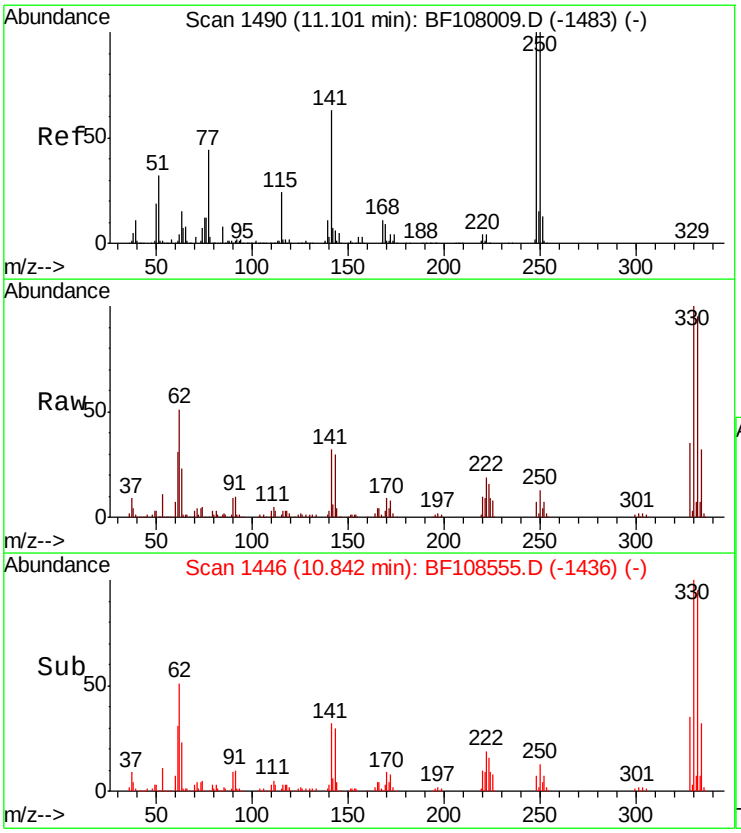
#64
4,6-Dinitro-2-methylphenol
Concen: 5.657 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 548

Ion	Ratio	Lower	Upper
198	100		
51	223.6	37.7	77.7#
105	187.7	36.3	76.3#

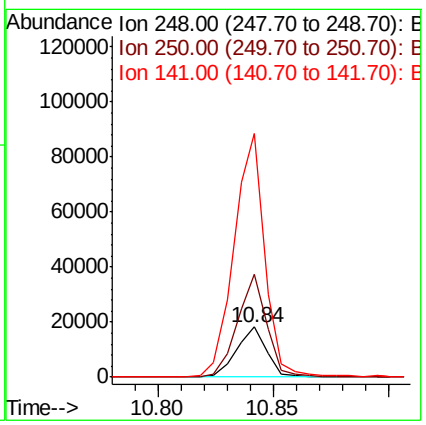


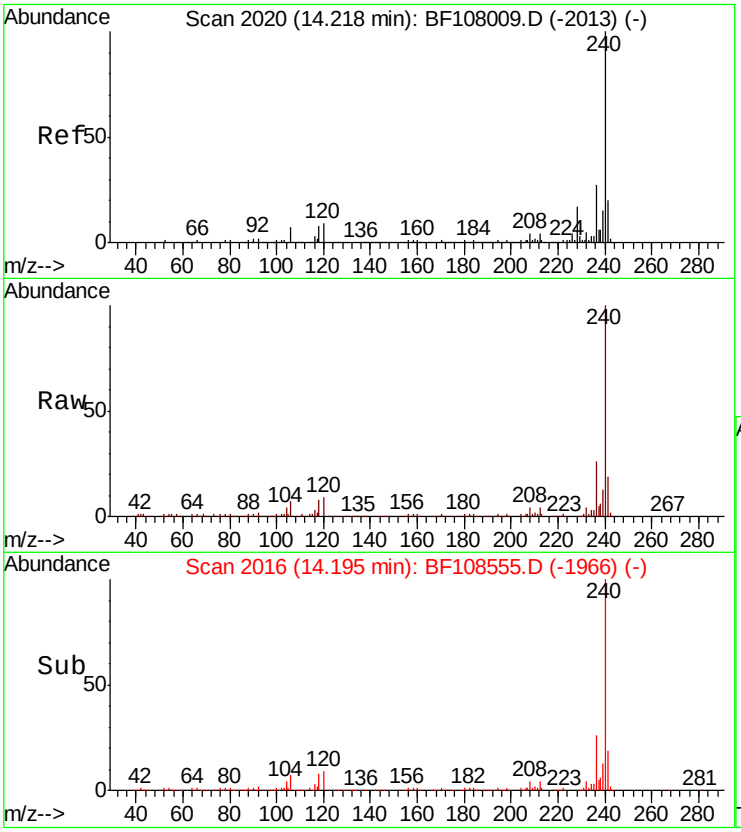


#66
4-Bromophenyl-phenylether
Concen: 3.508 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Tgt Ion:248 Resp: 16545

Ion	Ratio	Lower	Upper
248	100		
250	203.4	76.9	115.3#
141	484.5	74.4	111.6#



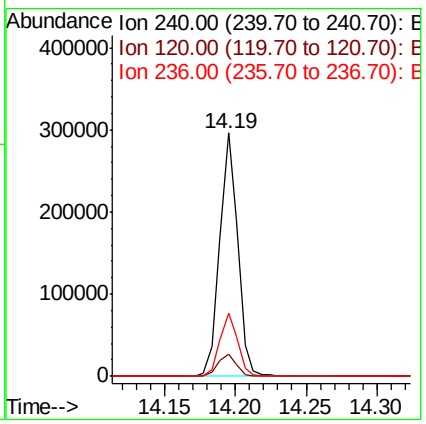


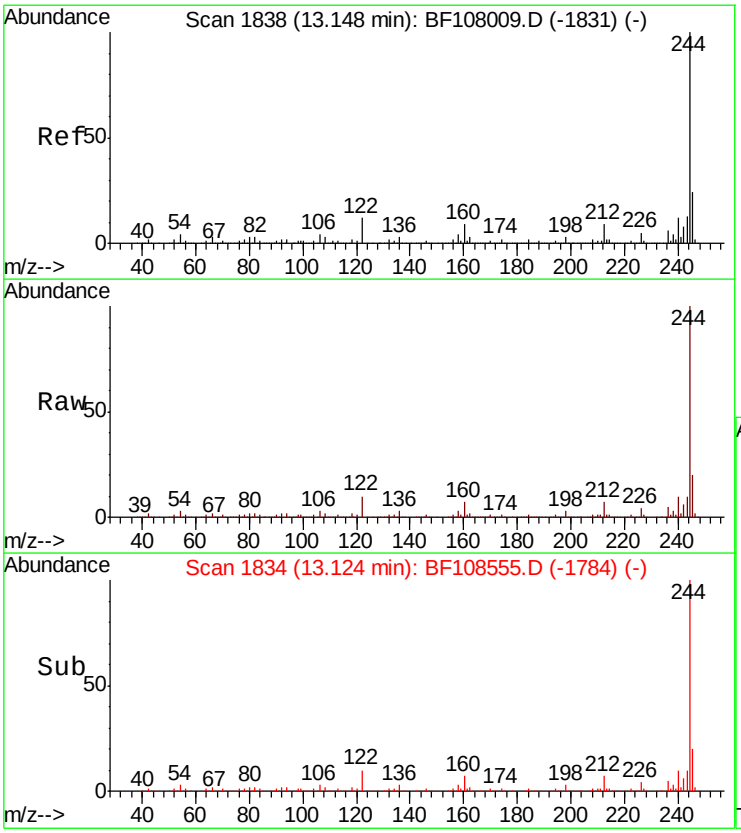
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 262611

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.9	20.7	31.1

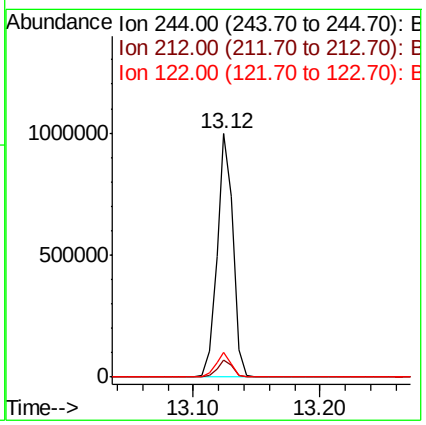


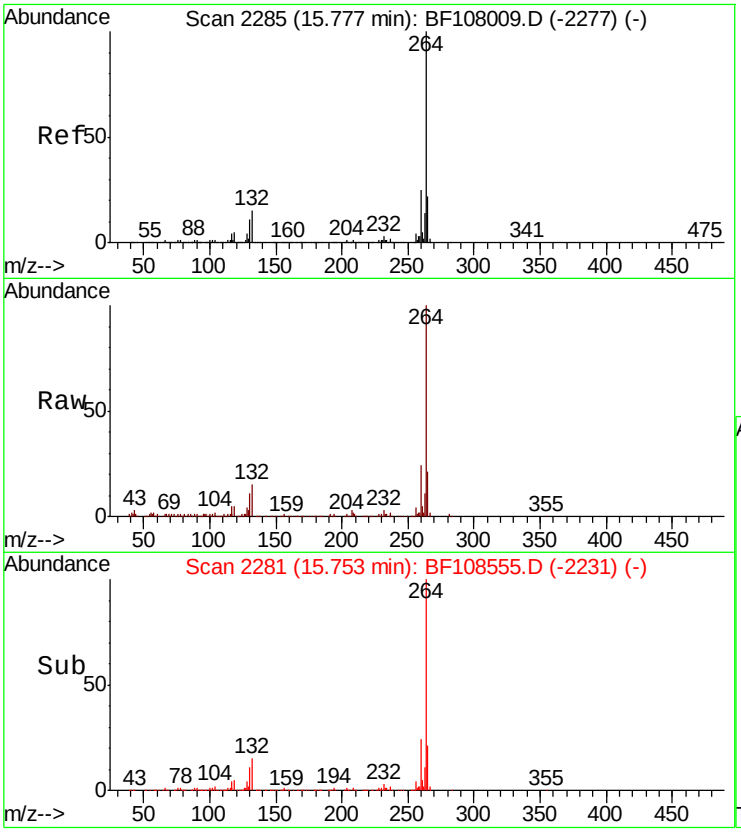


#78
Terphenyl-d14
Concen: 84.714 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Tgt Ion:244 Resp: 874973

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF108555.D
Acq: 28 Aug 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 280897

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3