Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108457.D
Acq On : 24 Aug 2018 8:39
Operator : JU/SJ
Sample : J4582-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 24 10:45:29 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	147054	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	530401	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	248205	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	404647	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	300463	20.00	ng	-0.01
86) Perylene-d12	15.74	264	261770	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	368364	45.35	ng	0.00
7) Phenol-d6	6.61	99	308051	28.54	ng	-0.02
23) Nitrobenzene-d5	7.57	82	962824	101.30	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	208183	84.09	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1692824	109.50	ng	0.00
78) Terphenyl-d14	13.12	244	1225099	103.67	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.77	77	16904	2.020	ng	# 71
19) n-Nitroso-di-n-propylamine	7.57	70	132010	18.086	ng	# 82
25) Isophorone	7.57	82	962814	53.144	ng	# 64
49) Dimethylphthalate	9.74	163	65565	3.792	ng	99
50) 2,6-Dinitrotoluene	10.04	165	31645	8.748	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	31645	6.796	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	279	5.522	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	13752	3.127	ng	# 1

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

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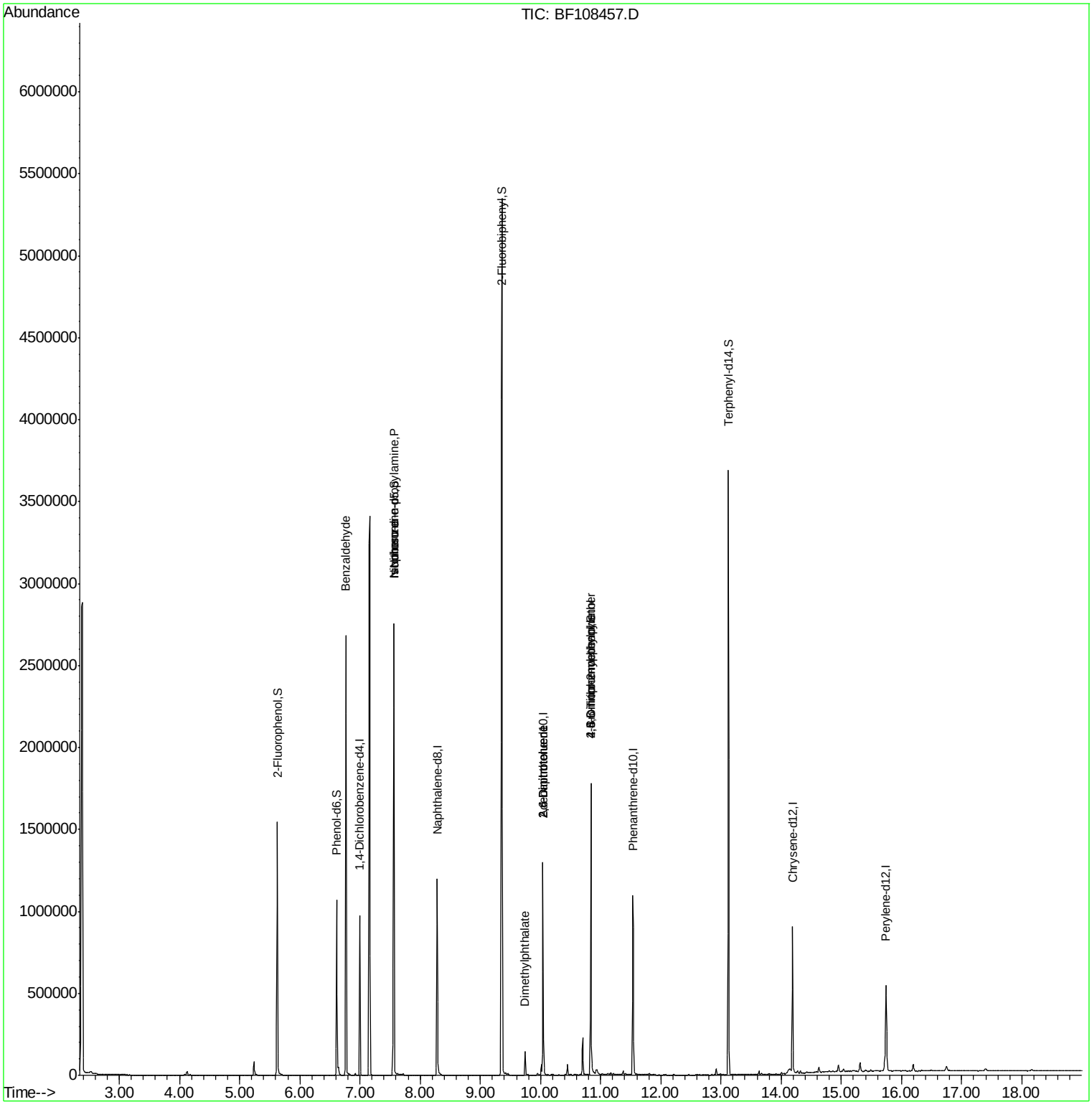
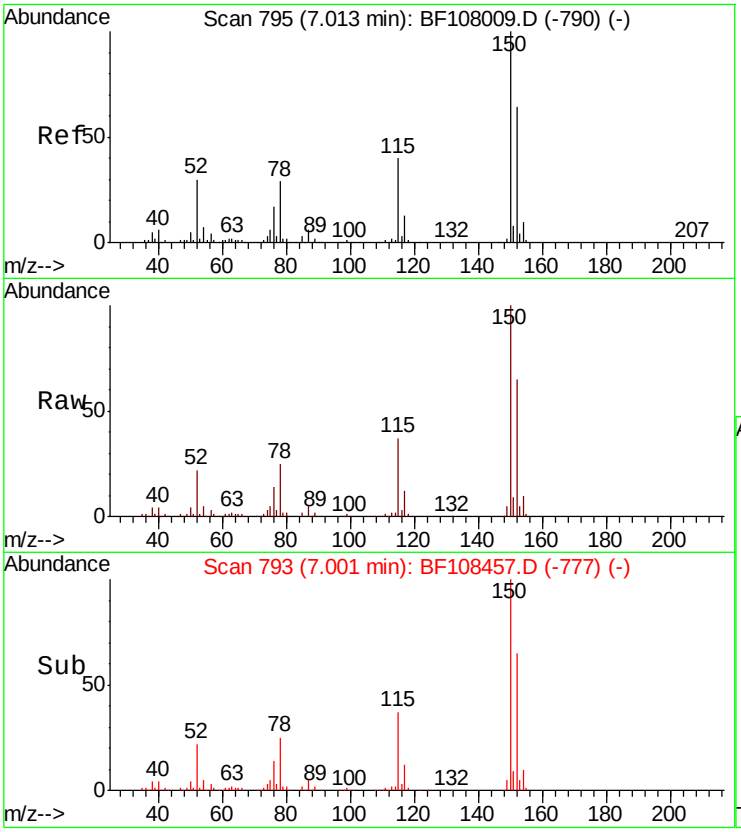


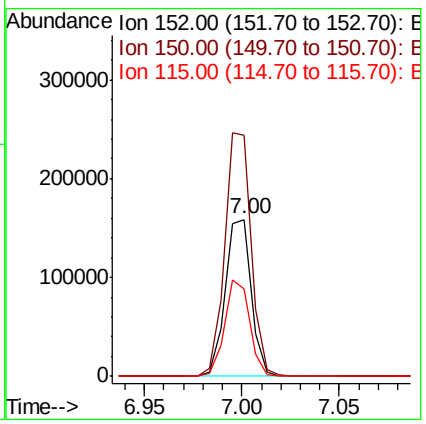


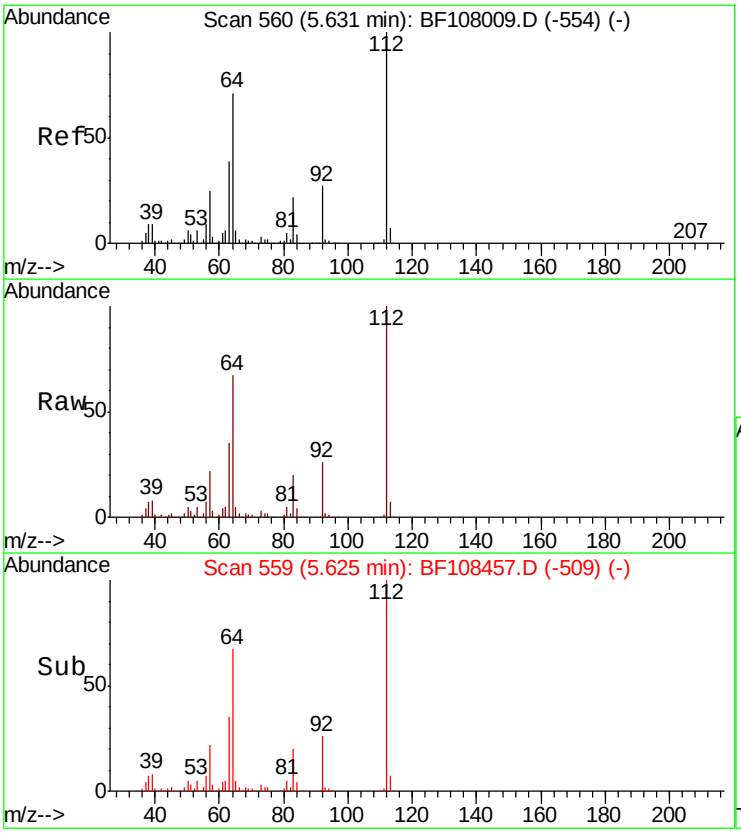
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 147054

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	56.1	50.1	75.1

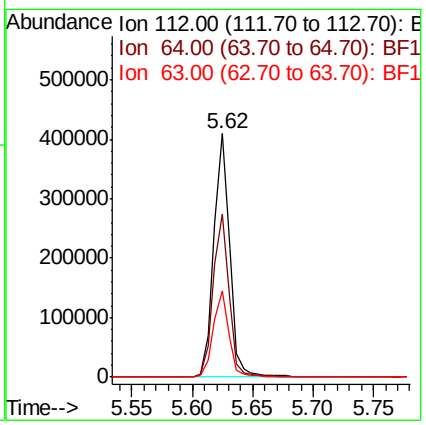


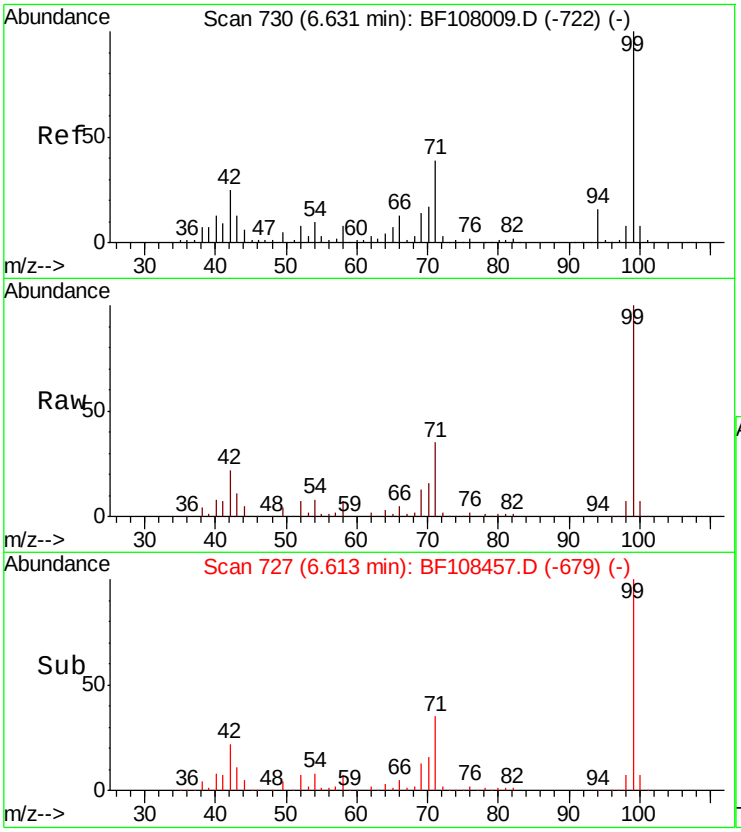


#5
2-Fluorophenol
Concen: 45.351 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Tgt Ion:112 Resp: 368364

Ion	Ratio	Lower	Upper
112	100		
64	67.2	47.9	71.9
63	35.3	23.7	35.5



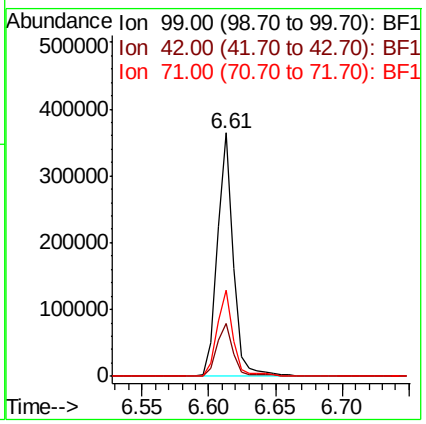


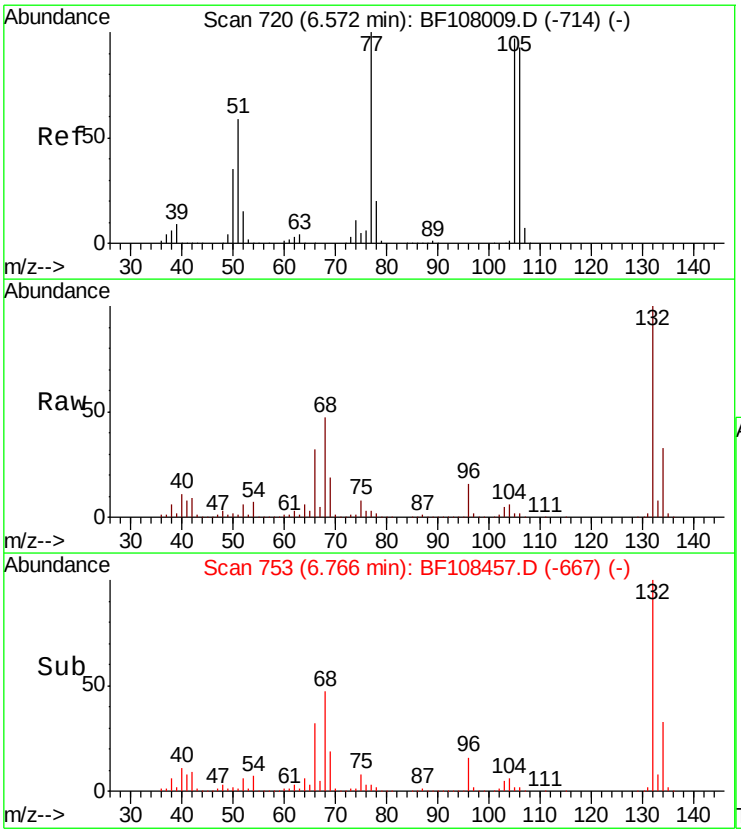
#7
Phenol-d6
Concen: 28.540 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 308051

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7#
71	35.4	25.4	38.0

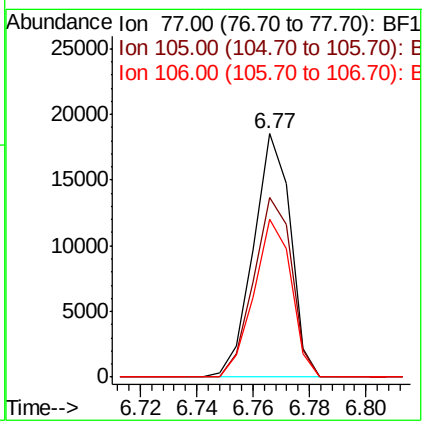


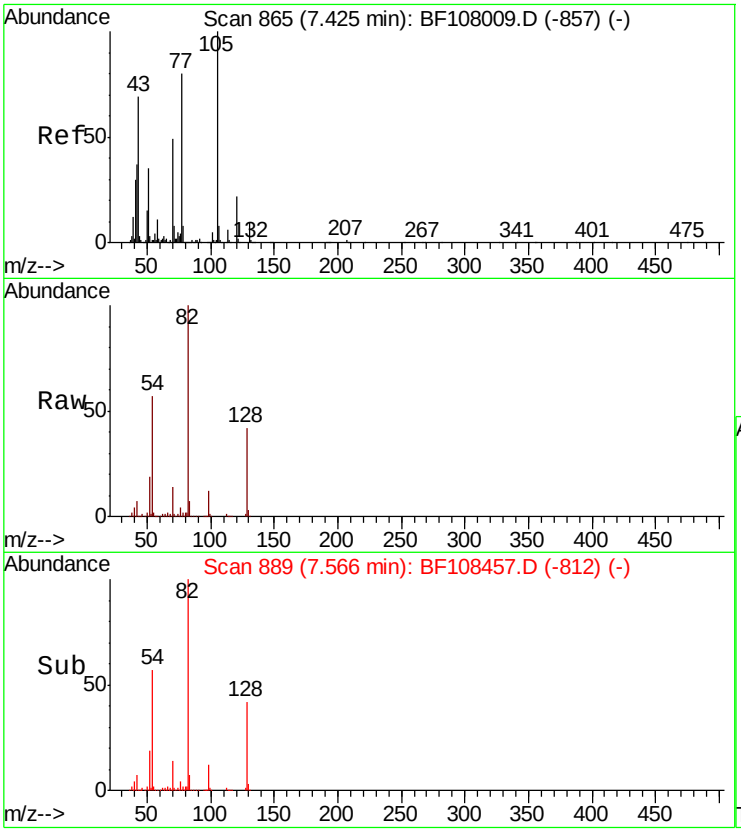


#9
Benzaldehyde
Concen: 2.020 ng
RT: 6.77 min Scan# 753
Delta R.T. 0.21 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Tgt Ion: 77 Resp: 16904

Ion	Ratio	Lower	Upper
77	100		
105	73.7	81.1	121.1#
106	64.9	74.5	114.5#



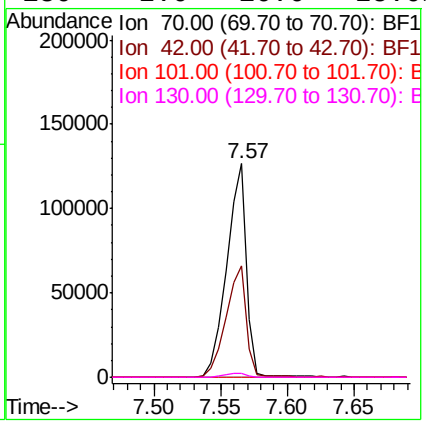


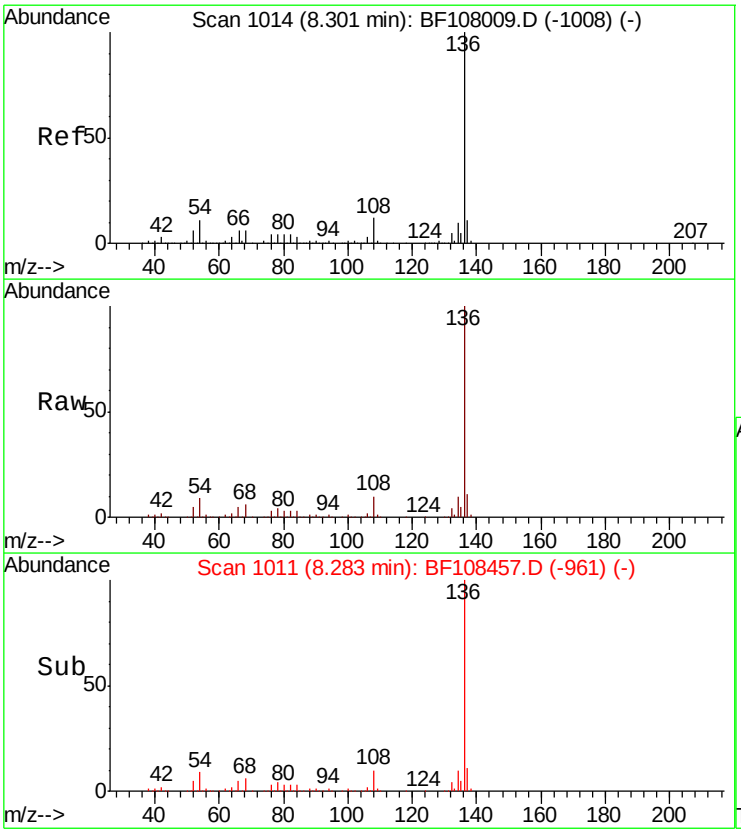
#19
n-Nitroso-di-n-propylamine
Concen: 18.086 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 132010

Ion	Ratio	Lower	Upper
70	100		
42	52.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

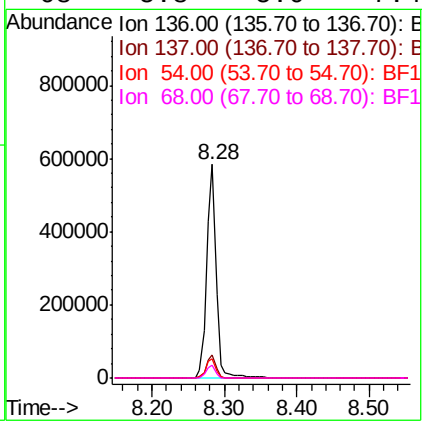


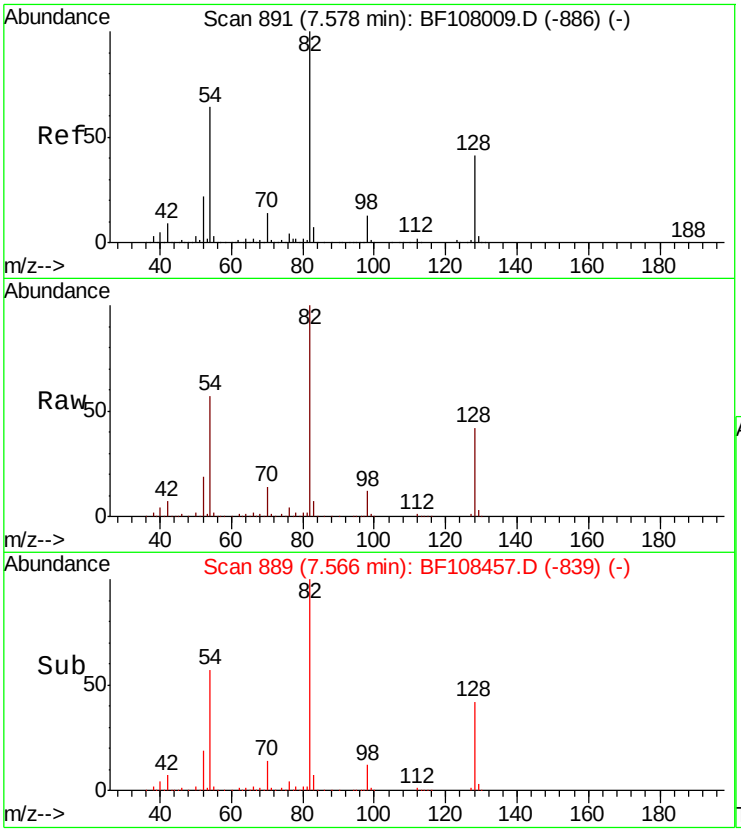


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Tgt Ion:136 Resp: 530401

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	6.6	9.8
68	5.8	5.0	7.4



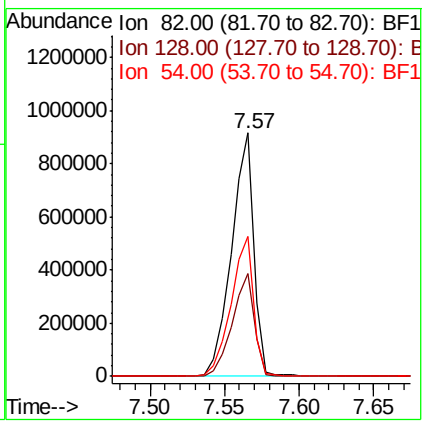


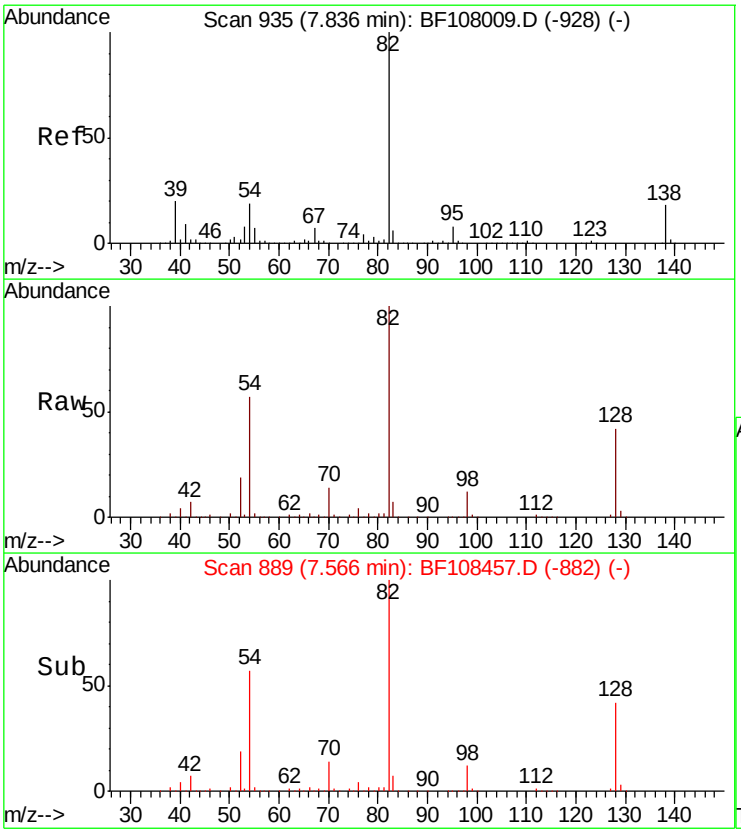
#23
Nitrobenzene-d5
Concen: 101.295 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 962824

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	57.4	41.4	62.2

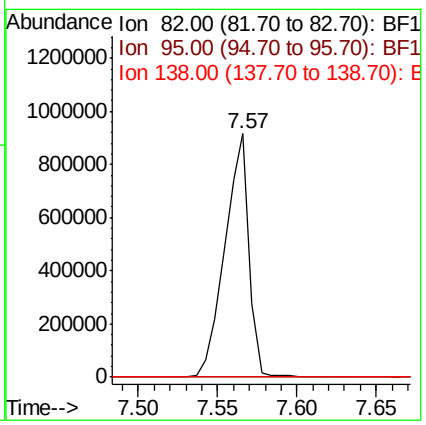


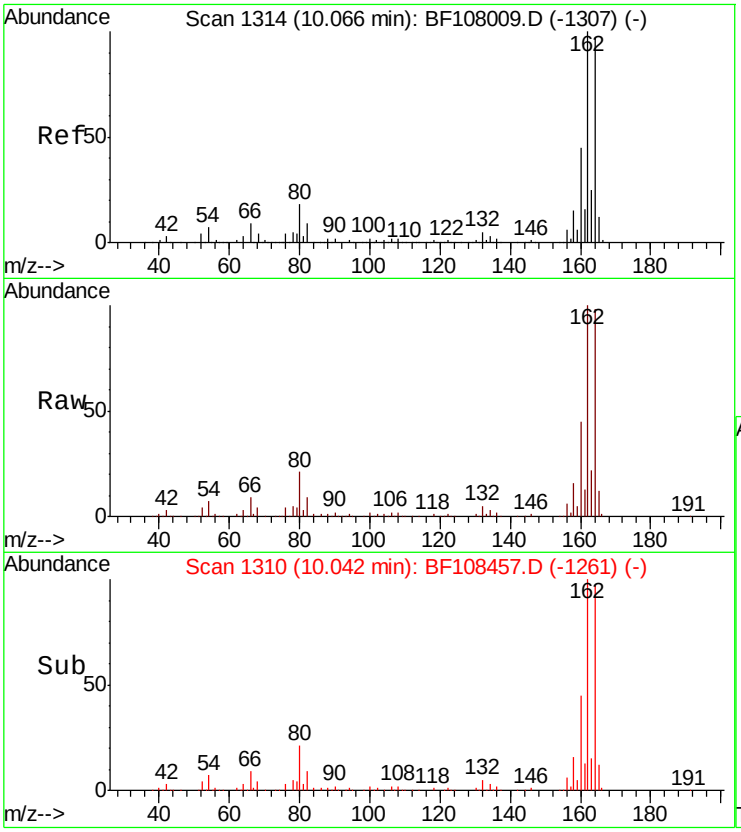


#25
Isophorone
Concen: 53.144 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Tgt Ion: 82 Resp: 962814

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



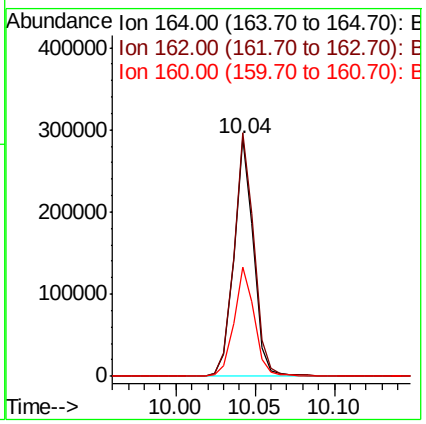


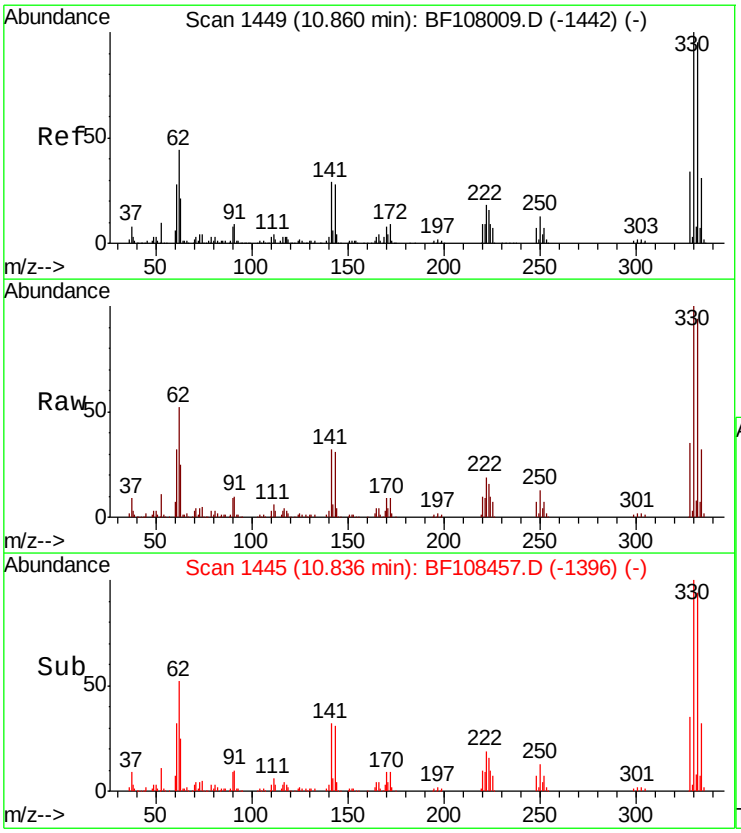
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 248205

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.9	38.3	57.5

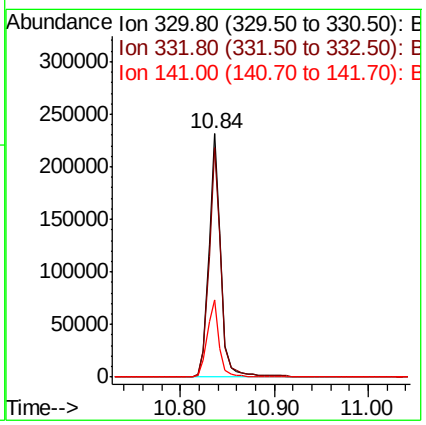


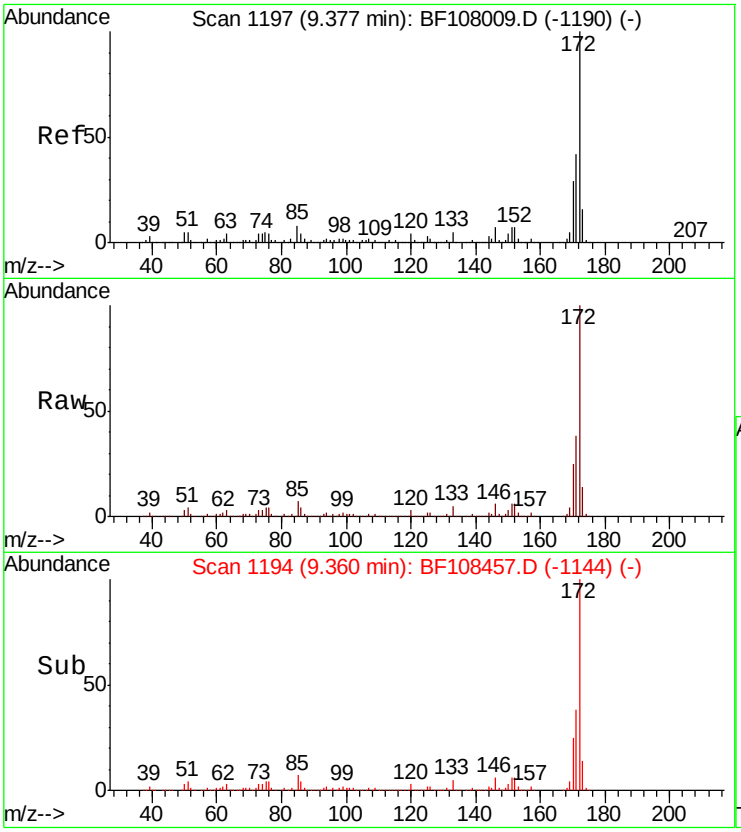


#41
2,4,6-Tribromophenol
Concen: 84.088 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Tgt Ion:330 Resp: 208183

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	31.8	29.9	44.9



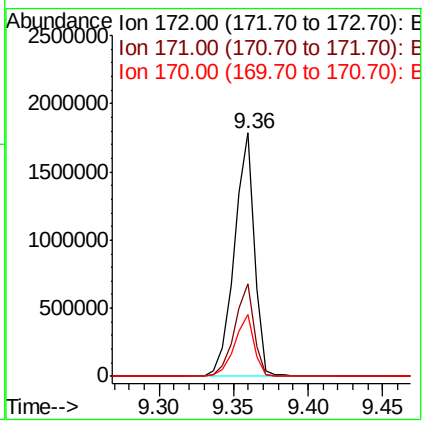


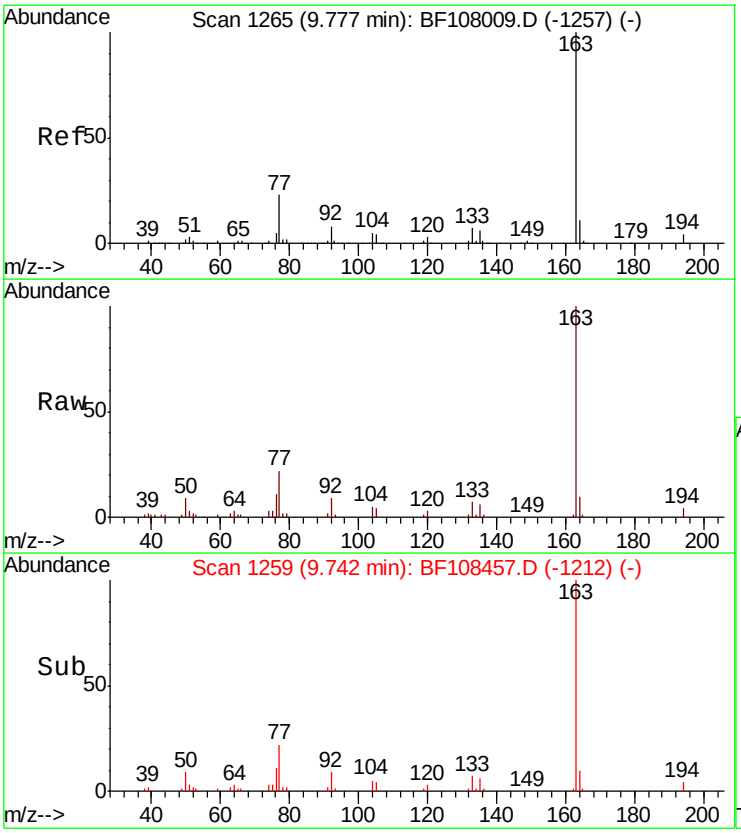
#44
2-Fluorobiphenyl
Concen: 109.497 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1692824

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.2	19.6	29.4

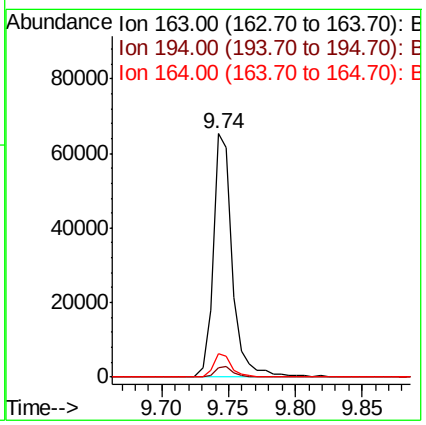


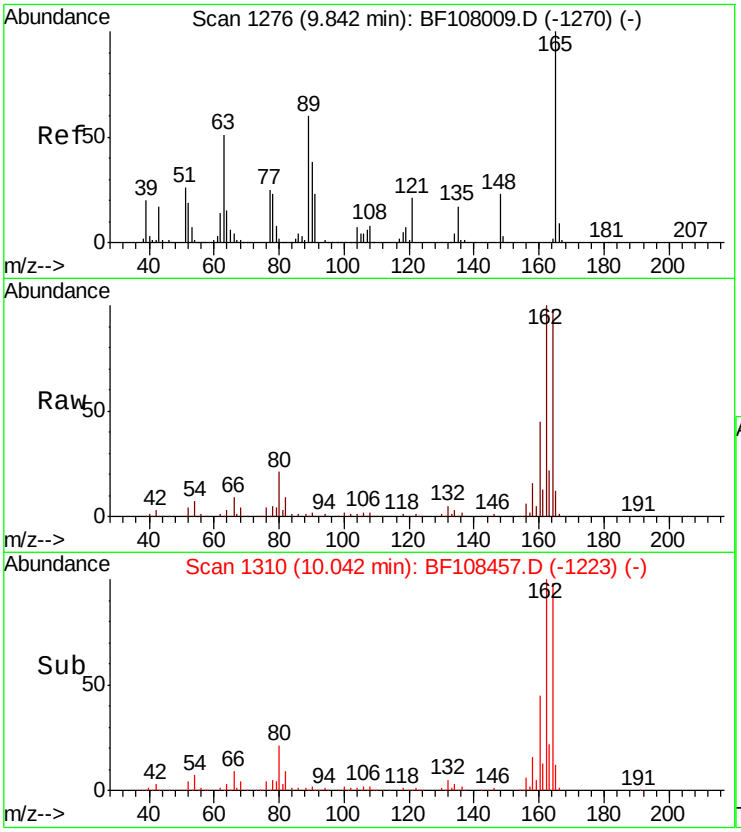


#49
Dimethylphthalate
Concen: 3.792 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Tgt Ion:163 Resp: 65565

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.7	8.2	12.2



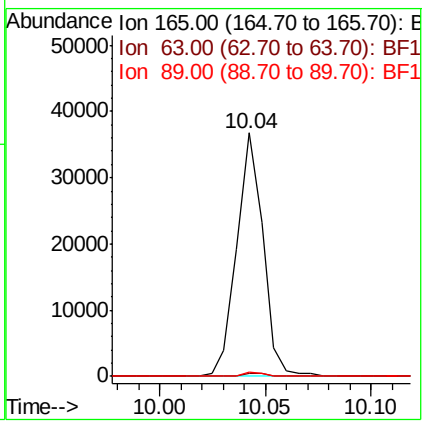


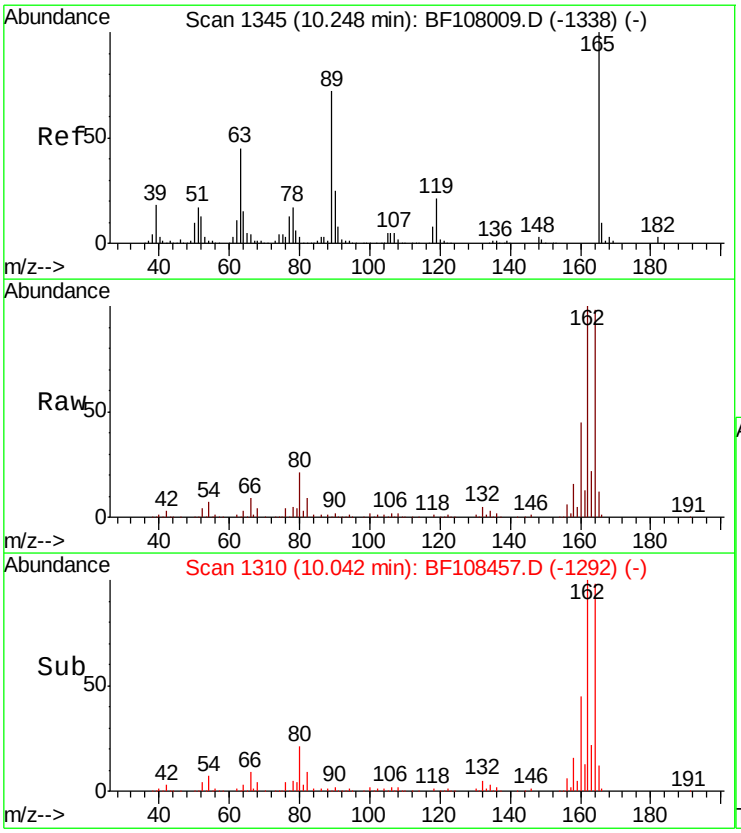
#50
2,6-Dinitrotoluene
Concen: 8.748 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31645

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#

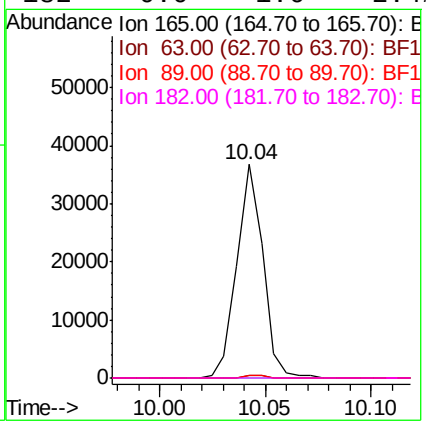


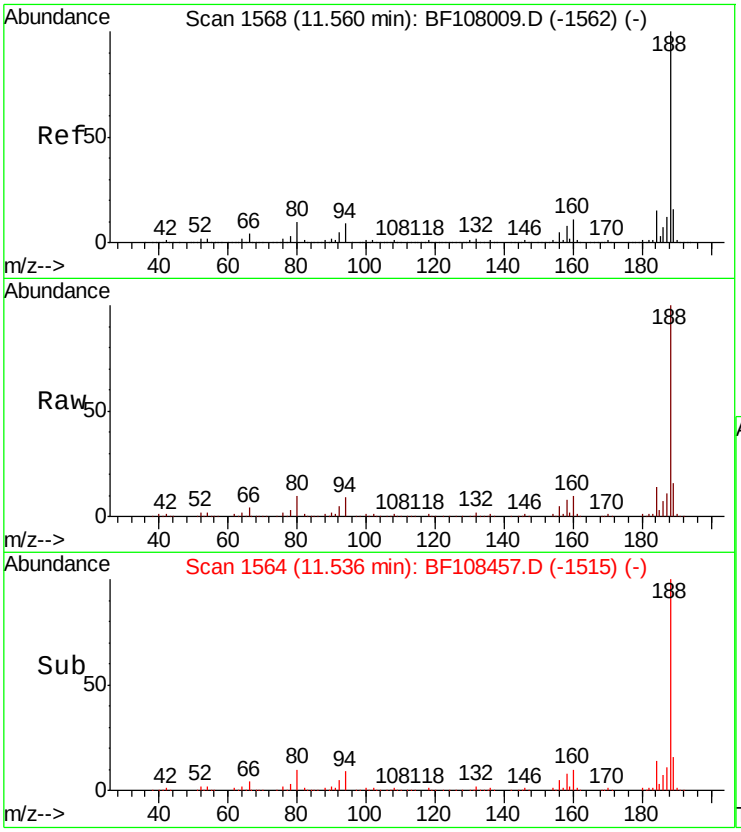


#56
2,4-Dinitrotoluene
Concen: 6.796 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Tgt Ion:165 Resp: 31645

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



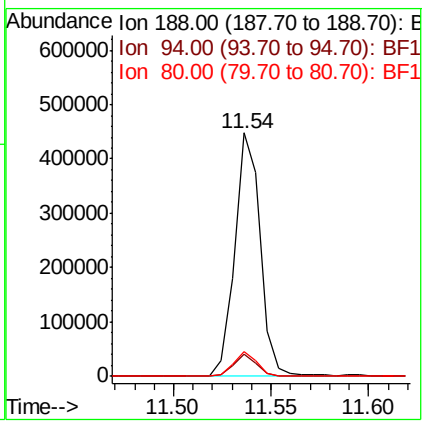


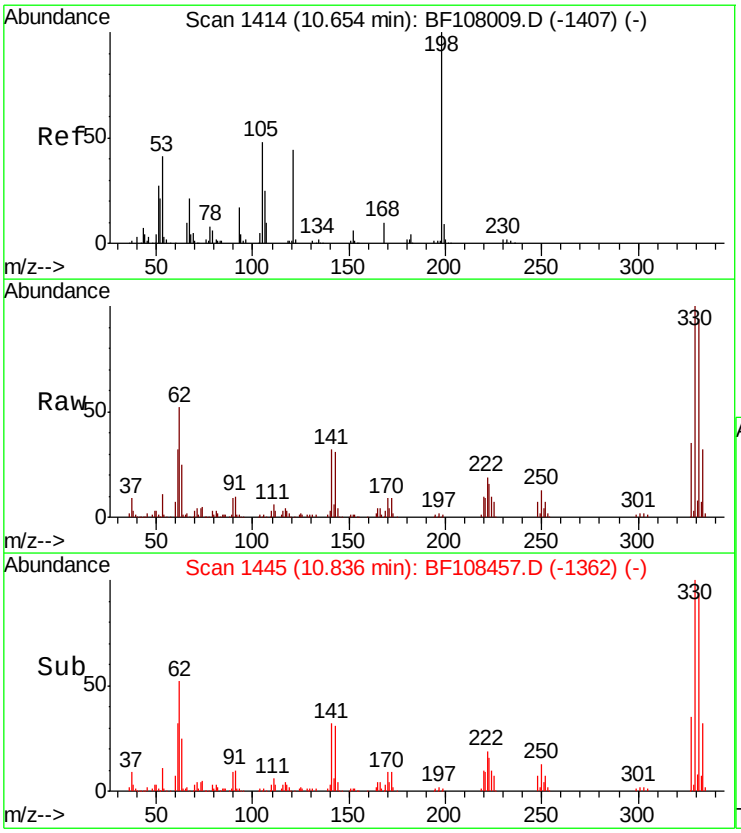
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 404647

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.0	9.2	13.8

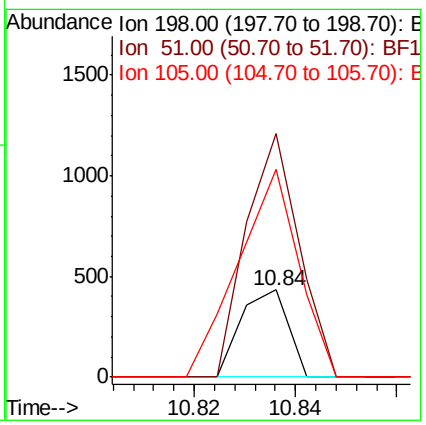


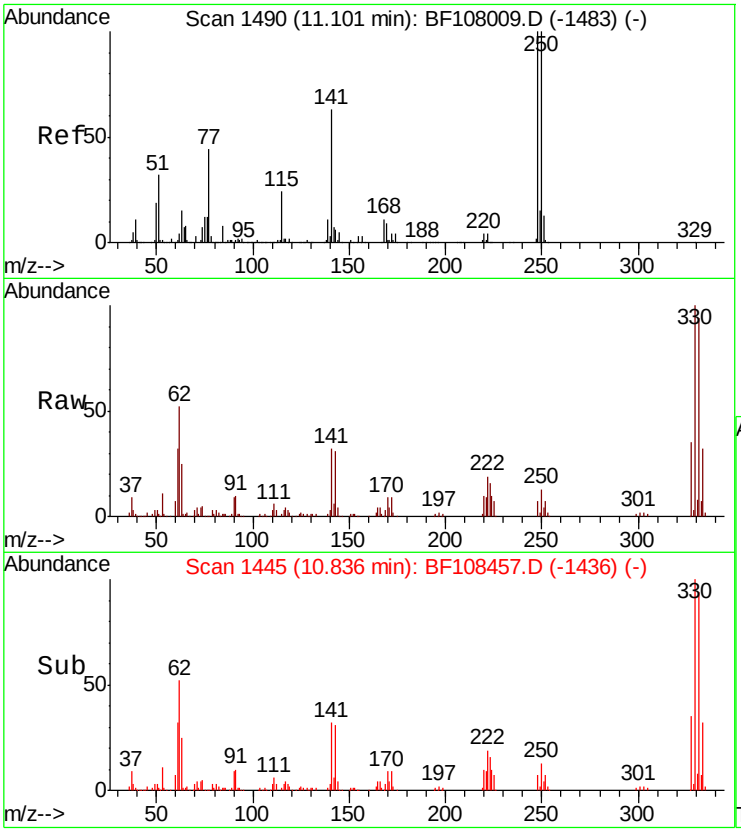


#64
4,6-Dinitro-2-methylphenol
Concen: 5.522 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Tgt Ion:198 Resp: 279

Ion	Ratio	Lower	Upper
198	100		
51	279.9	37.7	77.7#
105	238.4	36.3	76.3#



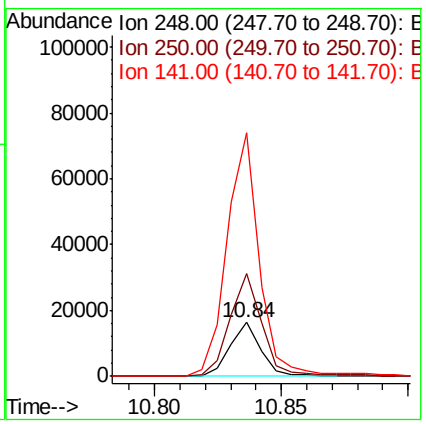


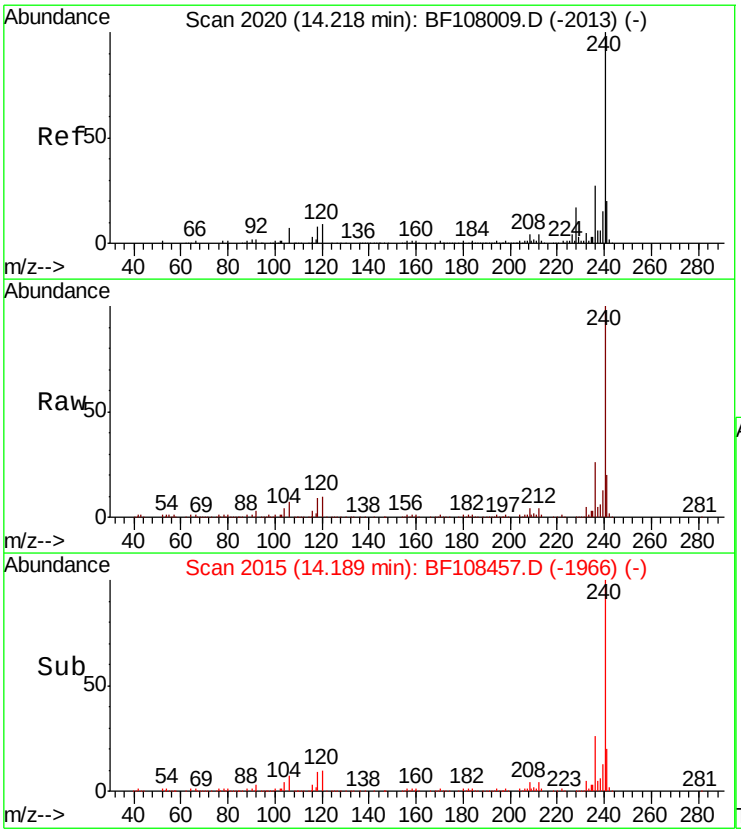
#66
4-Bromophenyl-phenylether
Concen: 3.127 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13752

Ion	Ratio	Lower	Upper
248	100		
250	189.2	76.9	115.3#
141	450.3	74.4	111.6#

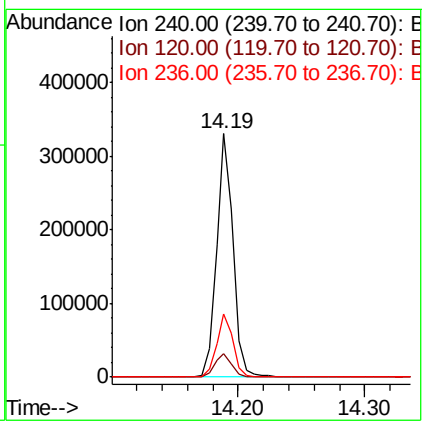


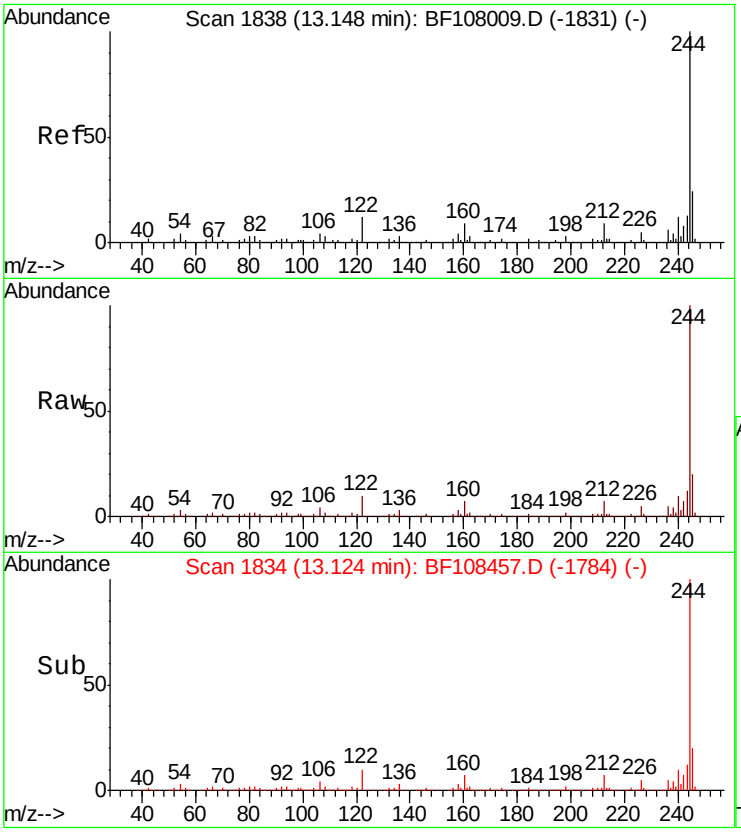


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Tgt Ion:240 Resp: 300463

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.8	20.7	31.1



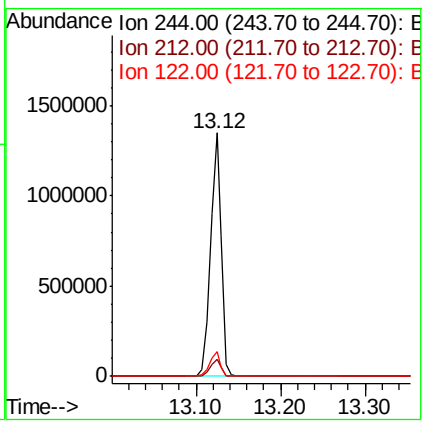


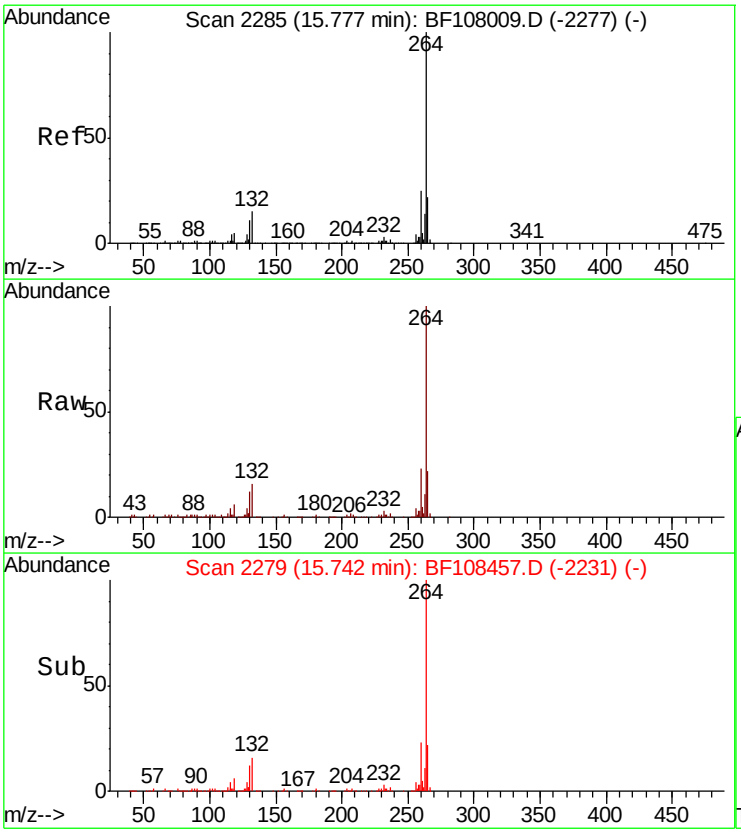
#78
Terphenyl-d14
Concen: 103.670 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1225099

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.3	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: BF108457.D
Acq: 24 Aug 2018 8:39

Tgt Ion:264 Resp: 261770

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3