Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108647.D
Acq On : 30 Aug 2018 18:28
Operator : JU/SJ
Sample : J4663-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 30 18:56:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	86644	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	356108	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	183622	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	366688	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	259930	20.00	ng	-0.01
86) Perylene-d12	15.75	264	277237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	291260	58.40	ng	0.00
7) Phenol-d6	6.64	99	538651	75.40	ng	0.00
23) Nitrobenzene-d5	7.57	82	363433	51.80	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	165941	68.46	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	718896	52.64	ng	0.00
78) Terphenyl-d14	13.12	244	685586	51.25	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.77	77	10024	2.270	ng	# 74
19) n-Nitroso-di-n-propylamine	7.57	70	44681	9.340	ng	# 85
25) Isophorone	7.57	82	363433	31.184	ng	# 64
49) Dimethylphthalate	9.75	163	63500	4.392	ng	# 97
50) 2,6-Dinitrotoluene	10.04	165	23211	7.283	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	23599	5.592	ng	# 24
66) 4-Bromophenyl-phenylether	10.84	248	10698	2.374	ng	# 1

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

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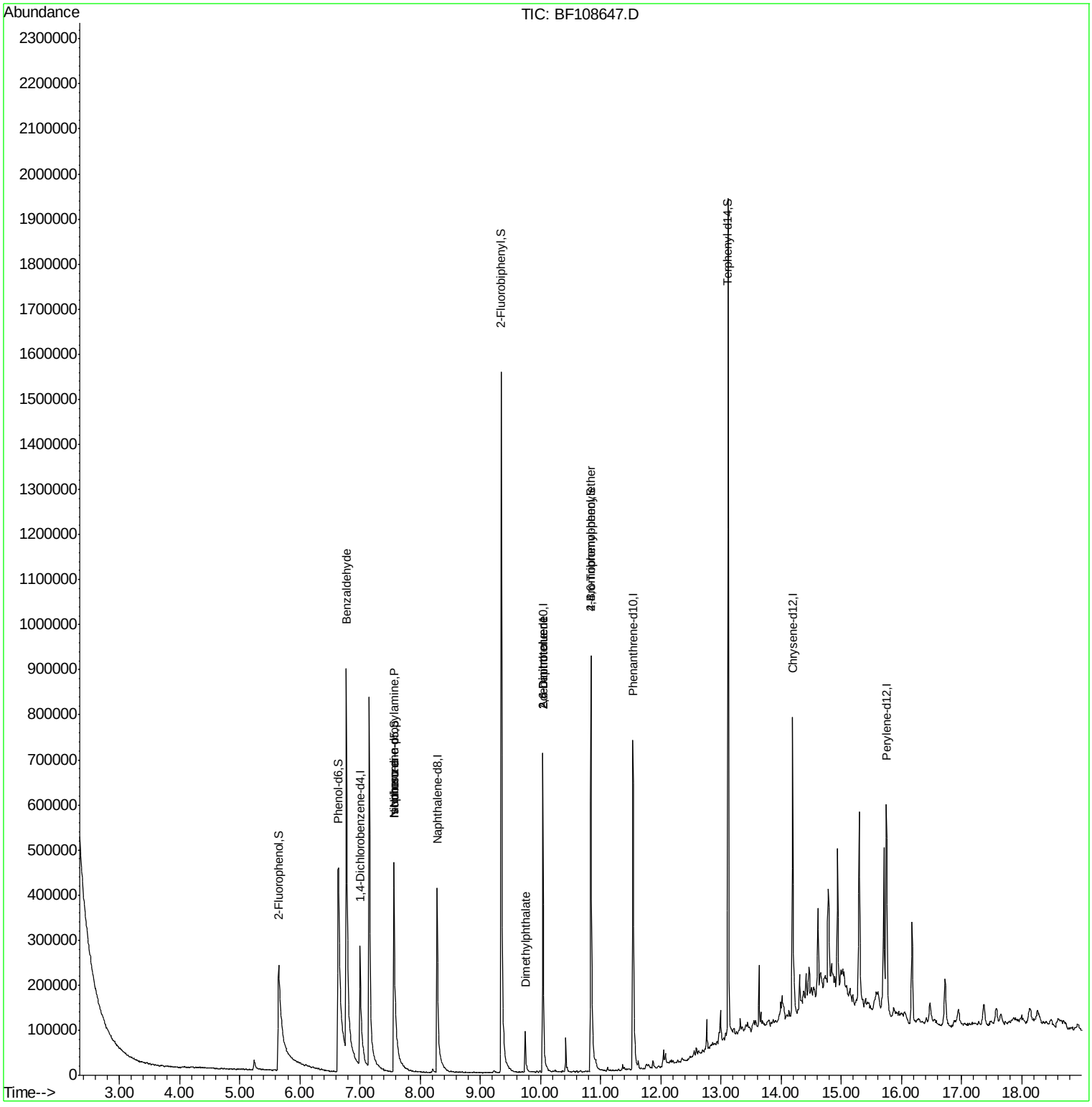
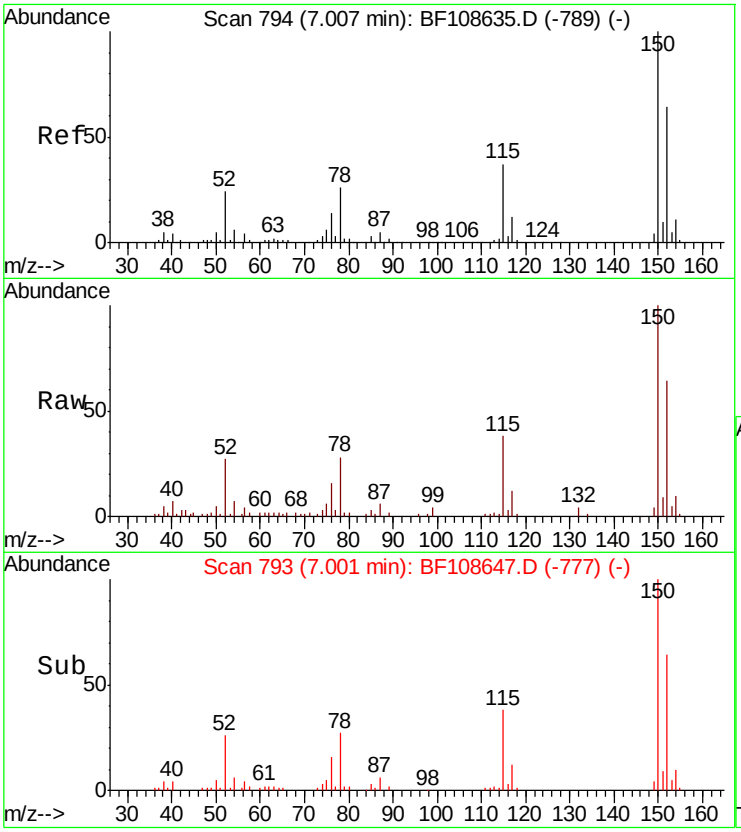


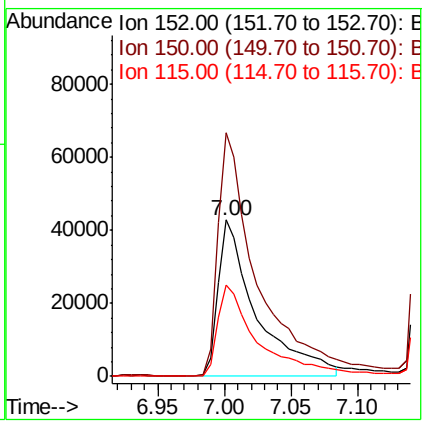


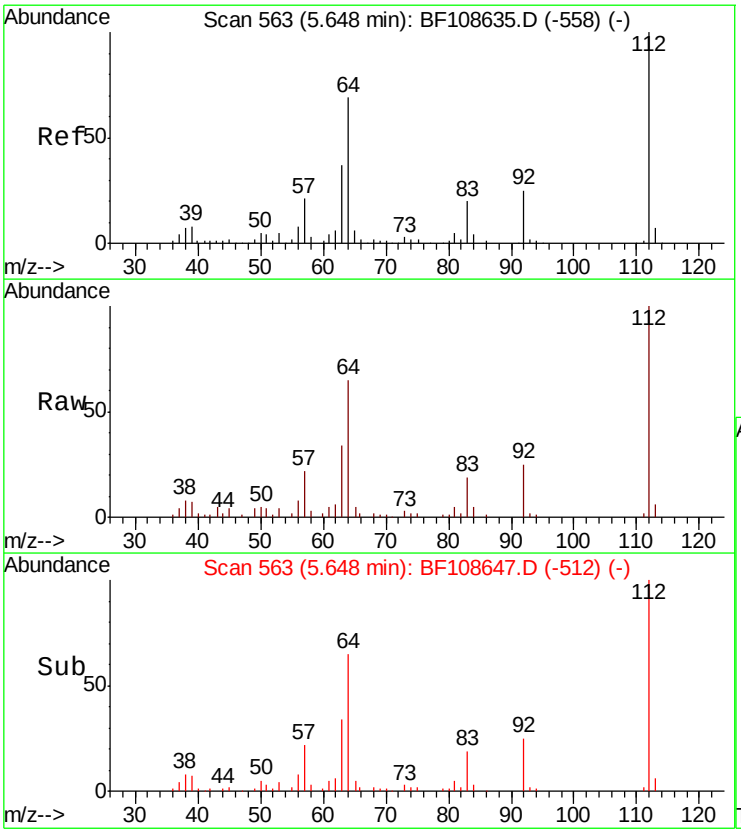
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 86644

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	58.5	50.1	75.1

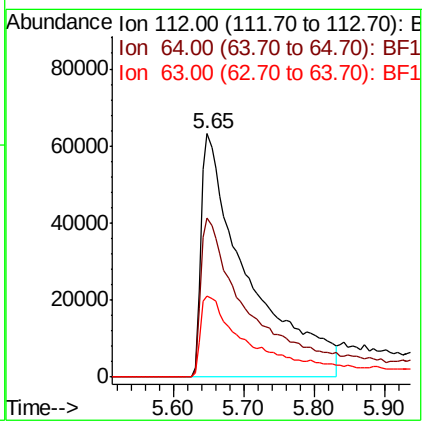


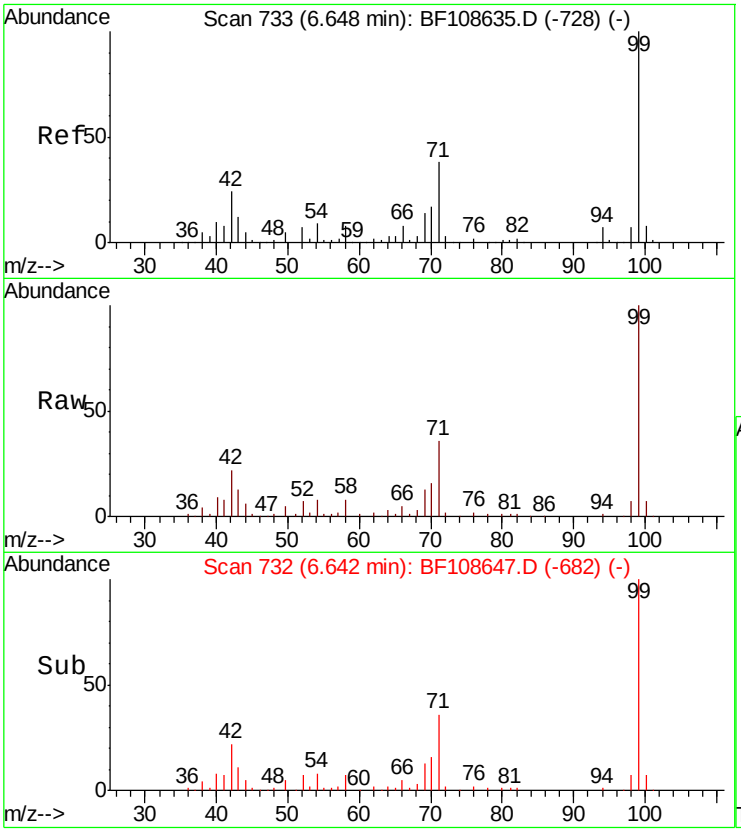


#5
2-Fluorophenol
Concen: 58.397 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Tgt Ion:112 Resp: 291260

Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	33.5	23.7	35.5



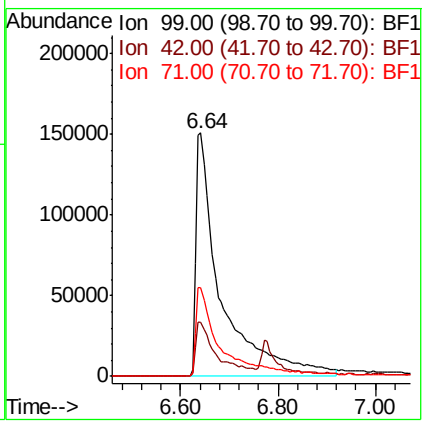


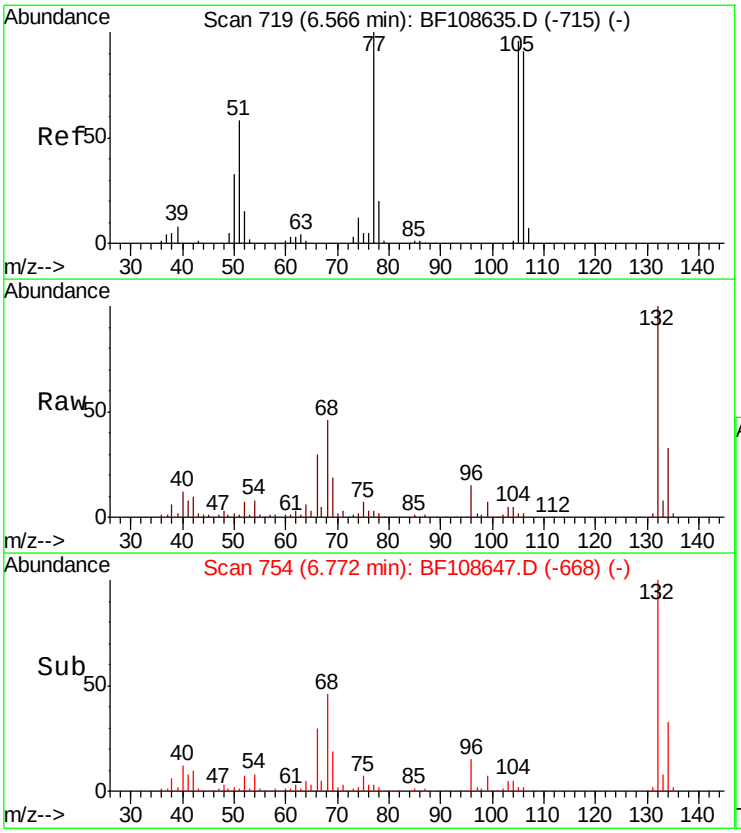
#7
Phenol-d6
Concen: 75.405 ng
RT: 6.64 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 538651

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	36.2	25.4	38.0

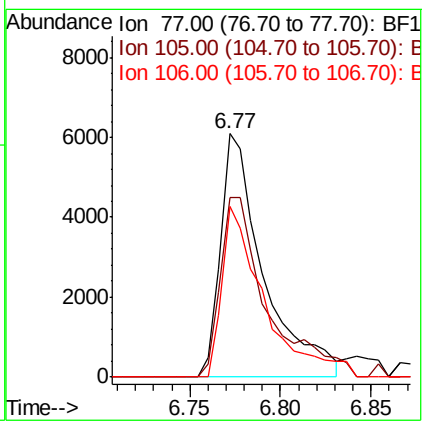


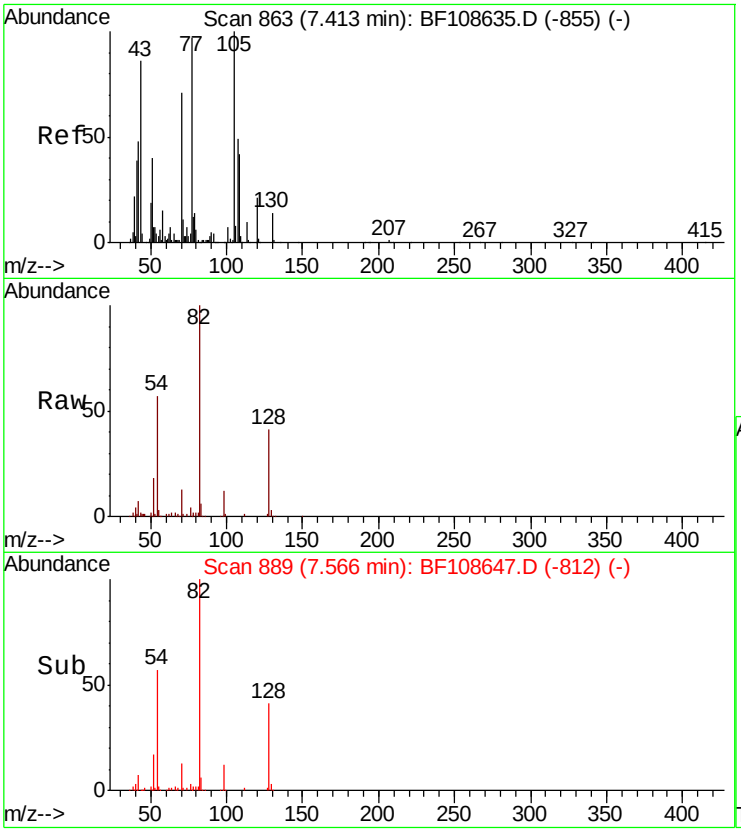


#9
Benzaldehyde
Concen: 2.270 ng
RT: 6.77 min Scan# 754
Delta R.T. 0.21 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Tgt Ion: 77 Resp: 10024

Ion	Ratio	Lower	Upper
77	100		
105	74.0	81.1	121.1#
106	70.2	74.5	114.5#



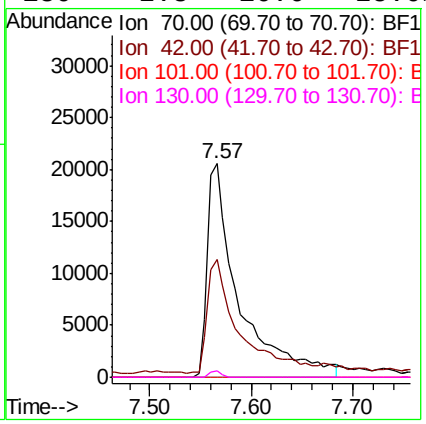


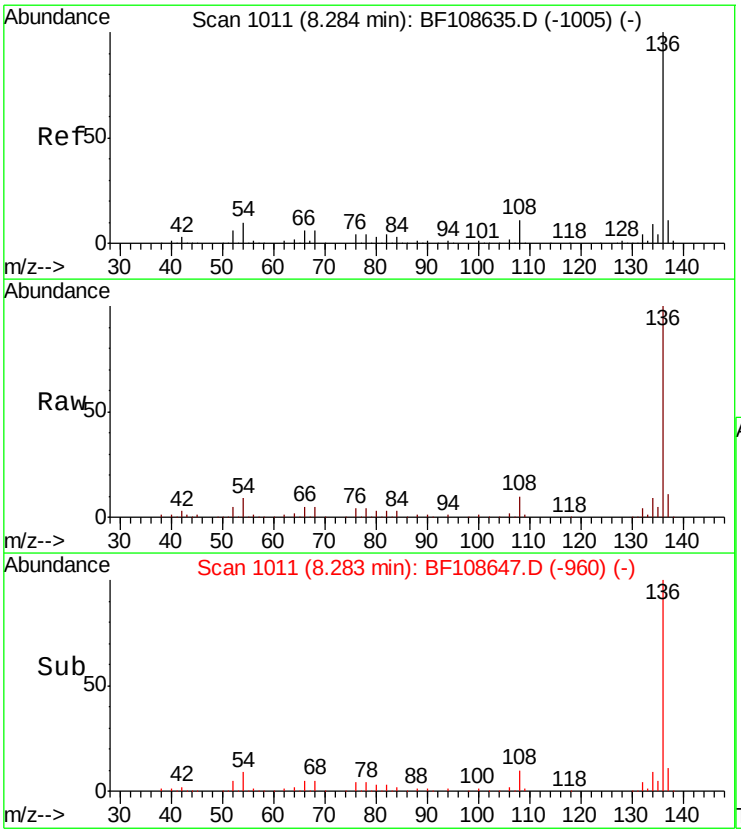
#19
n-Nitroso-di-n-propylamine
Concen: 9.340 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 44681

Ion	Ratio	Lower	Upper
70	100		
42	55.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#

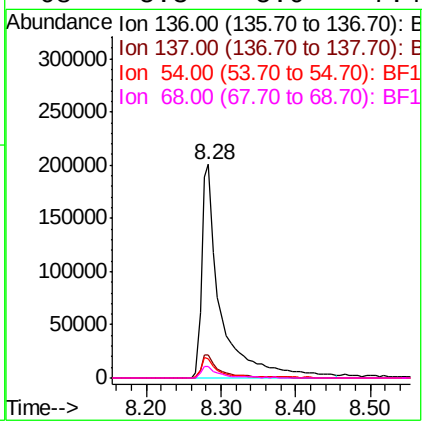


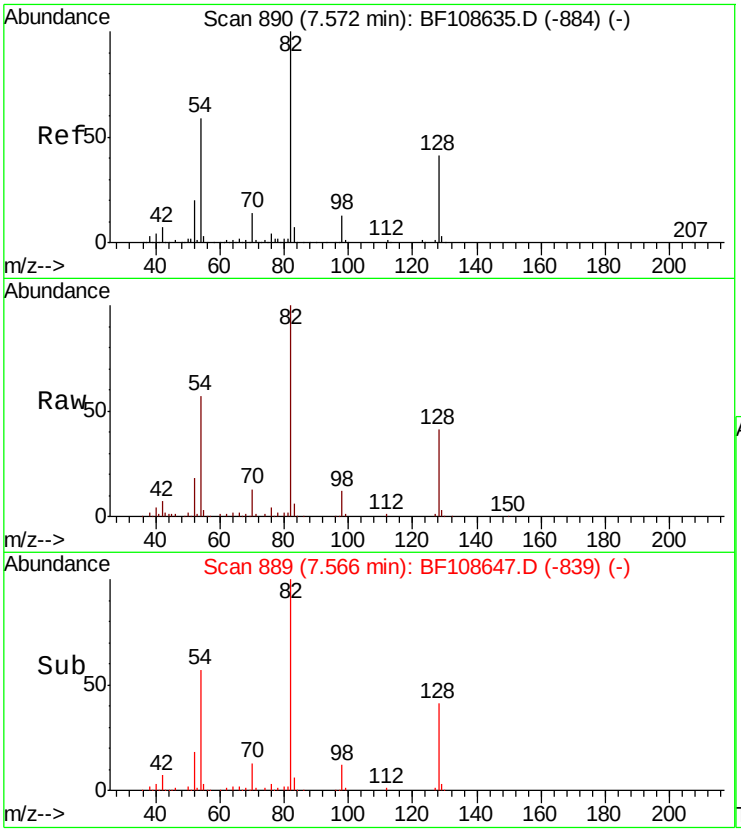


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Tgt Ion:136 Resp: 356108

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.2	6.6	9.8
68	5.3	5.0	7.4



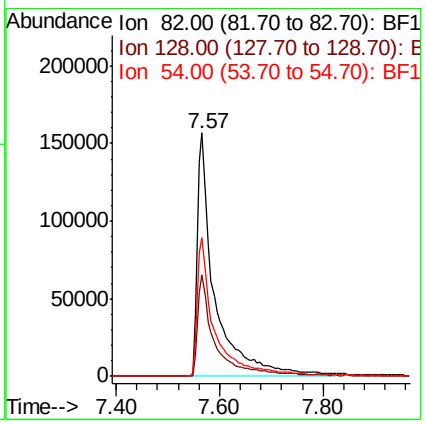


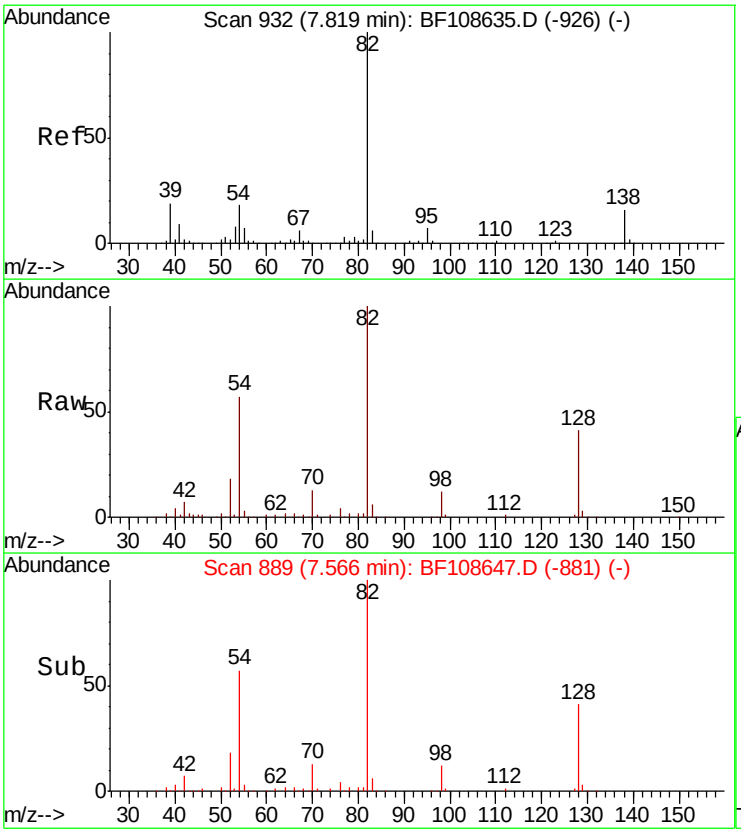
#23
Nitrobenzene-d5
Concen: 51.803 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 363433

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	57.0	41.4	62.2

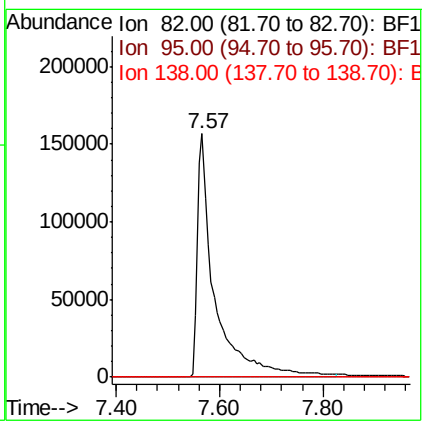


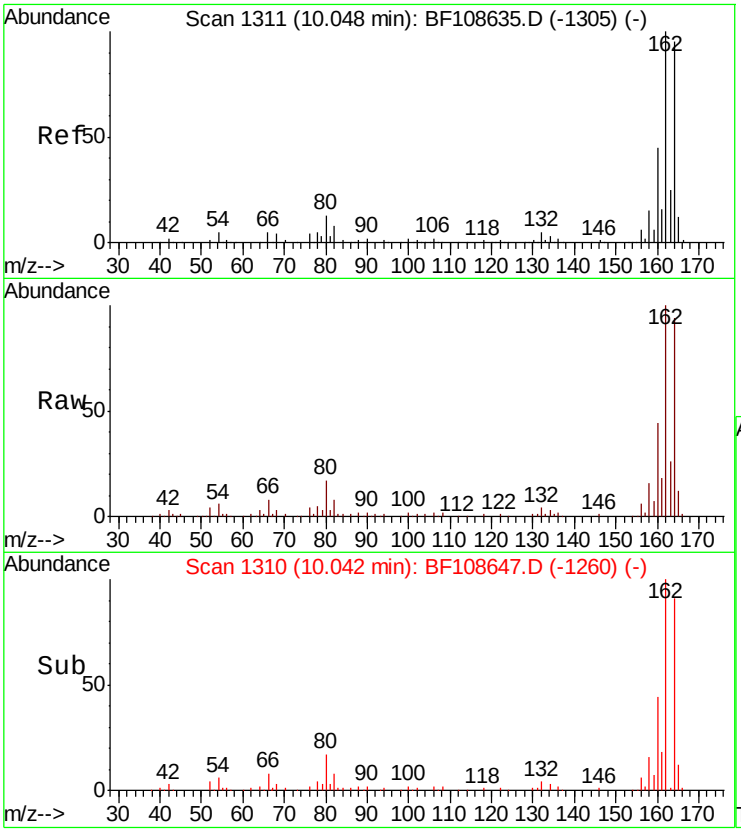


#25
Isophorone
Concen: 31.184 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Tgt Ion: 82 Resp: 363433

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



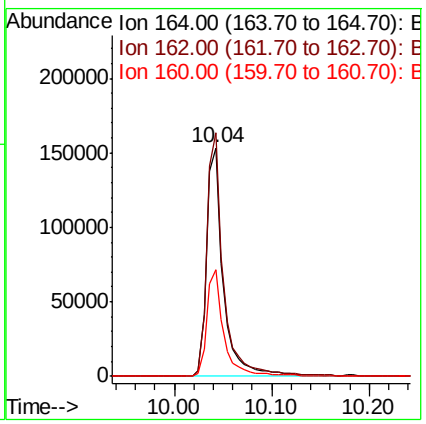


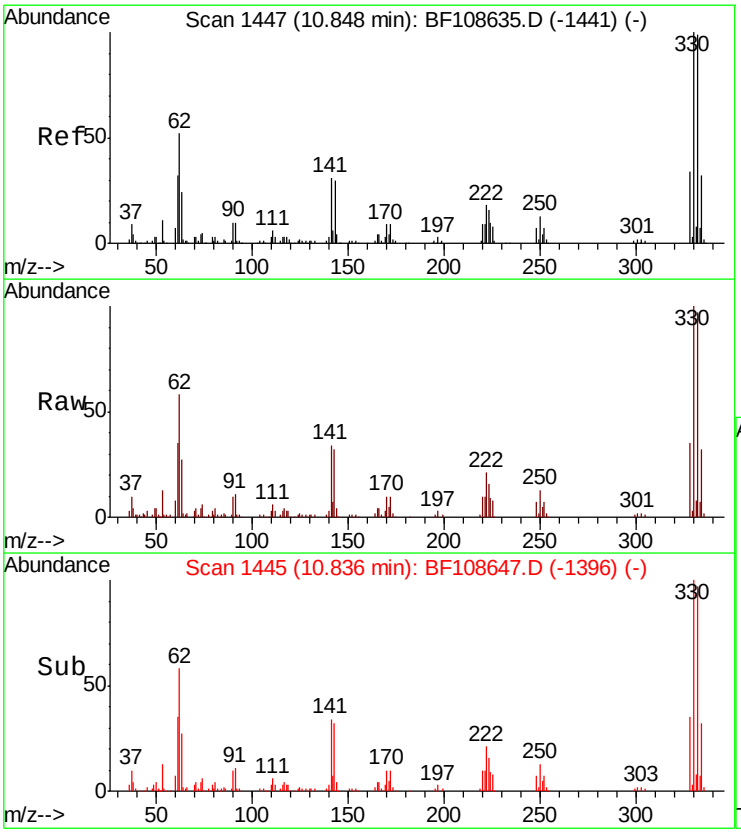
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 183622

Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	46.7	38.3	57.5

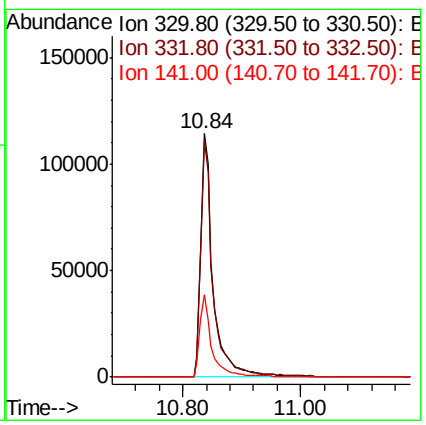


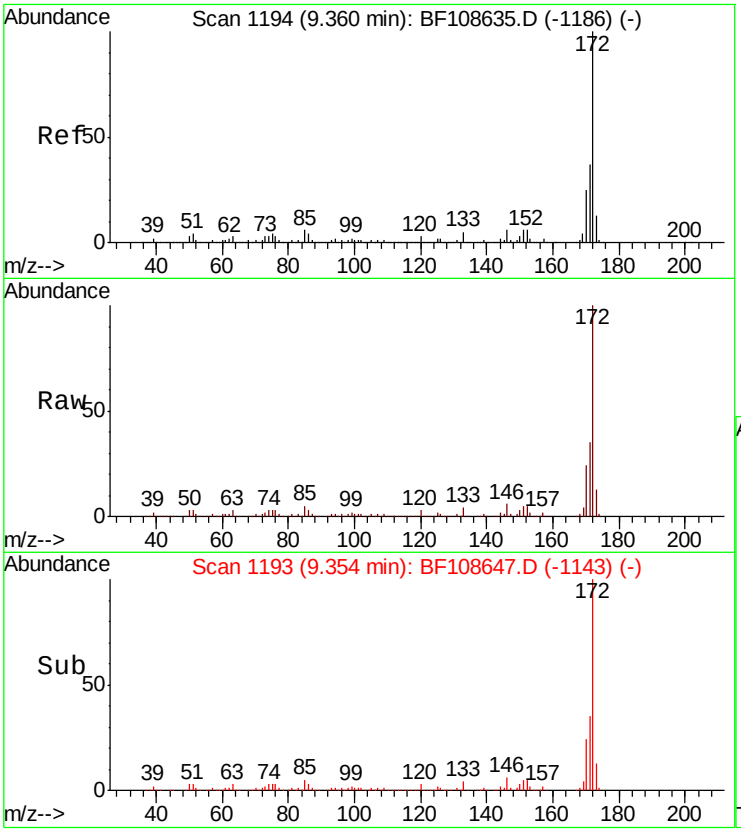


#41
2,4,6-Tribromophenol
Concen: 68.457 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Tgt Ion:330 Resp: 165941

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.9	29.9	44.9



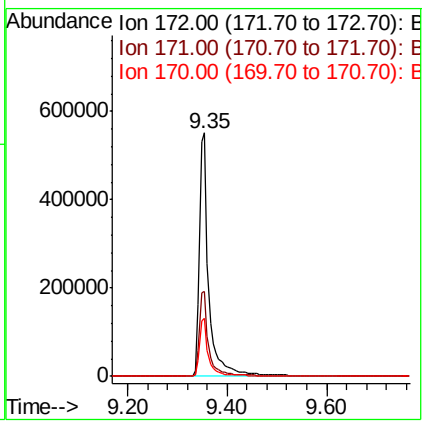


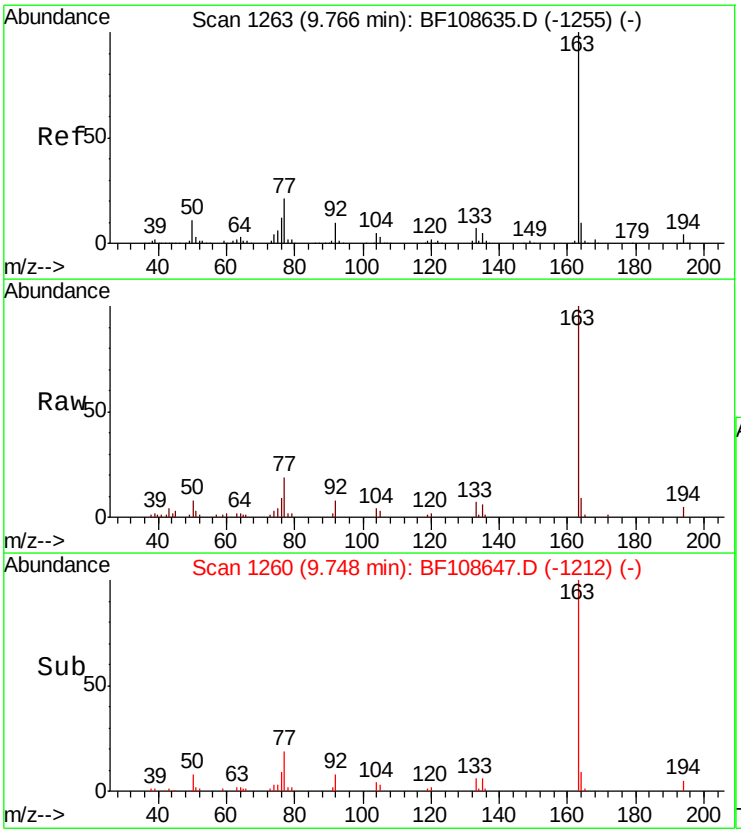
#44
2-Fluorobiphenyl
Concen: 52.641 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 718896

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.7	19.6	29.4

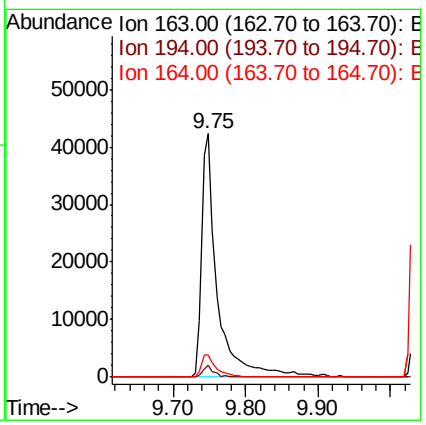


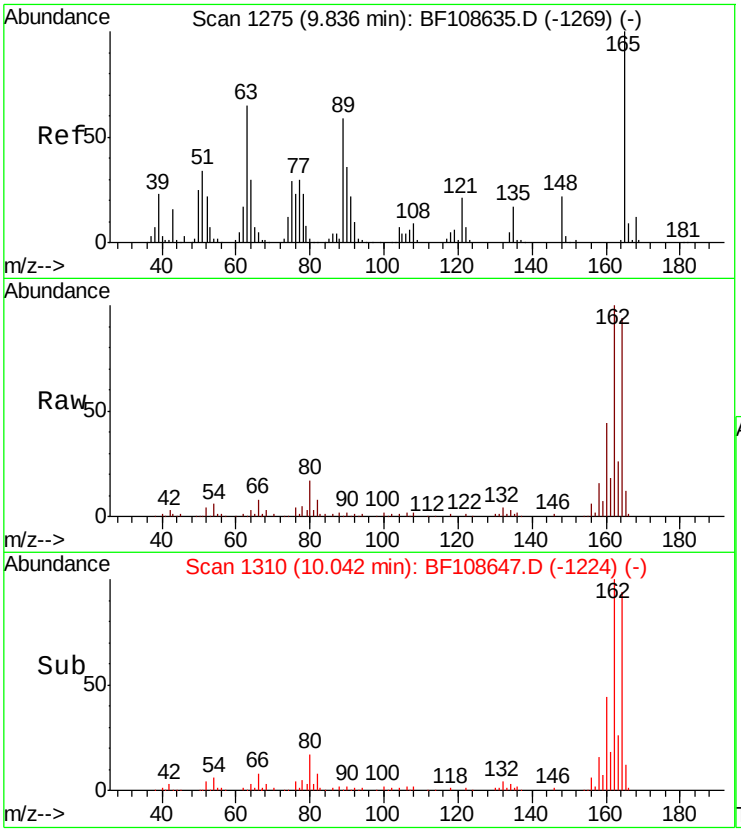


#49
Dimethylphthalate
Concen: 4.392 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Tgt Ion:163 Resp: 63500

Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.7	4.1#
164	9.2	8.2	12.2



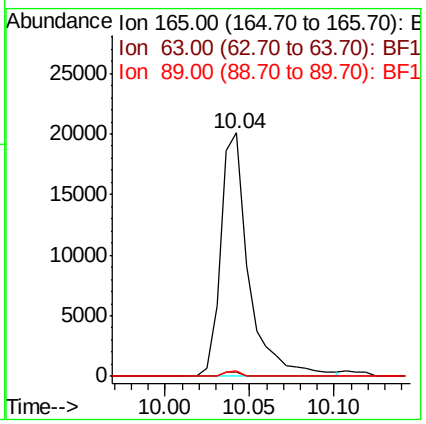


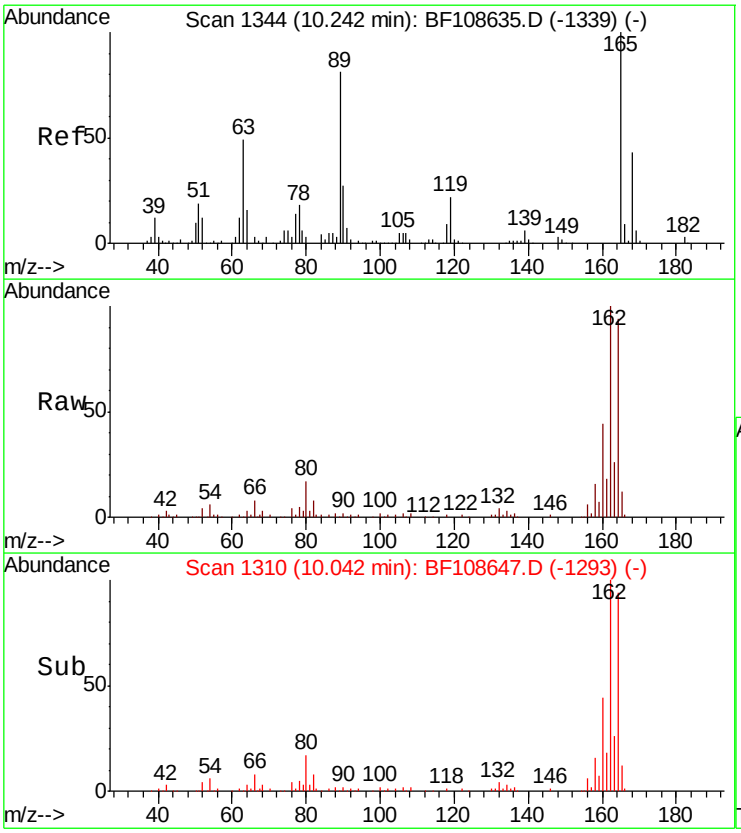
#50
2,6-Dinitrotoluene
Concen: 7.283 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23211

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.2	44.0	66.0#

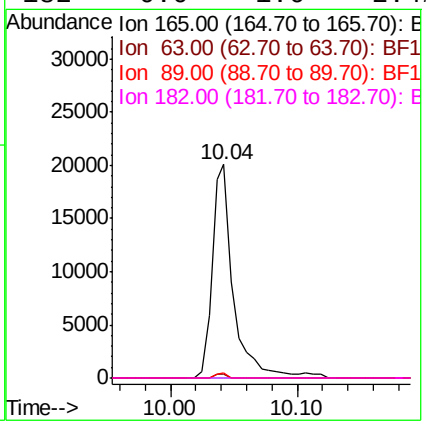


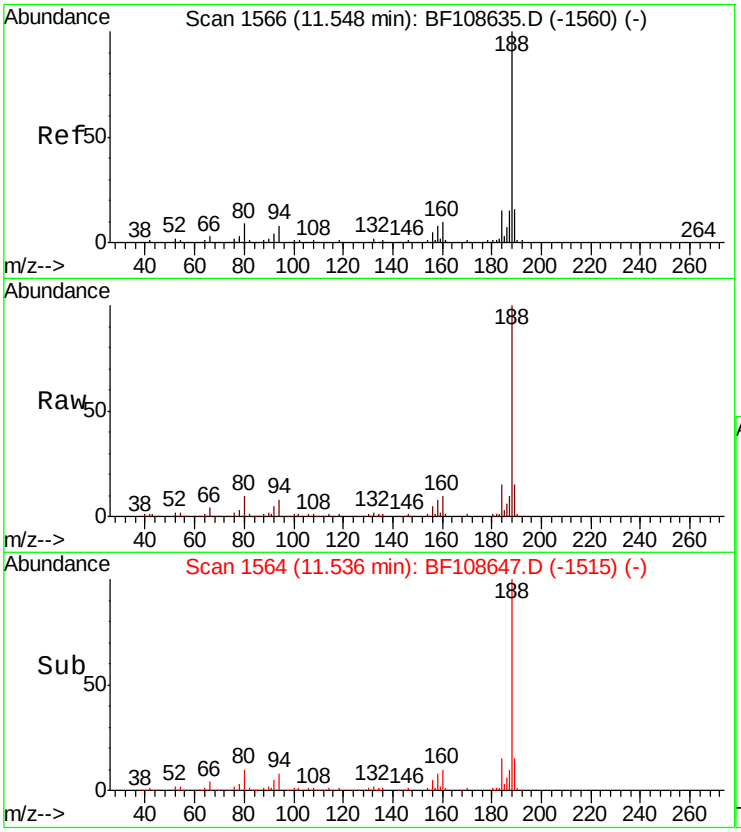


#56
2,4-Dinitrotoluene
Concen: 5.592 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Tgt Ion:165 Resp: 23599

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#



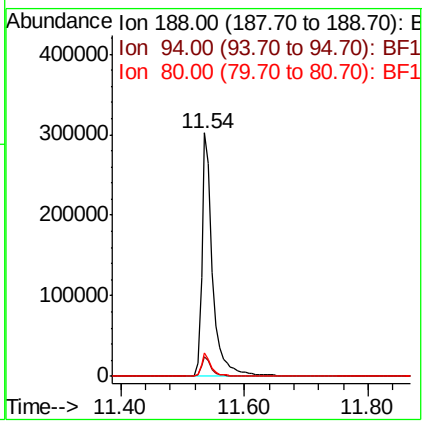


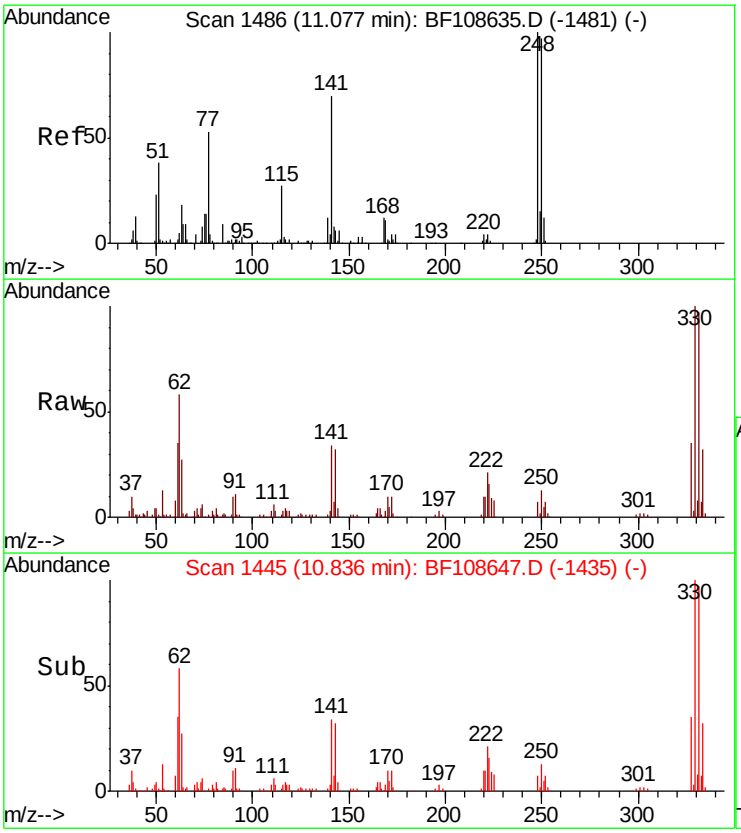
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 366688

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.7	9.2	13.8

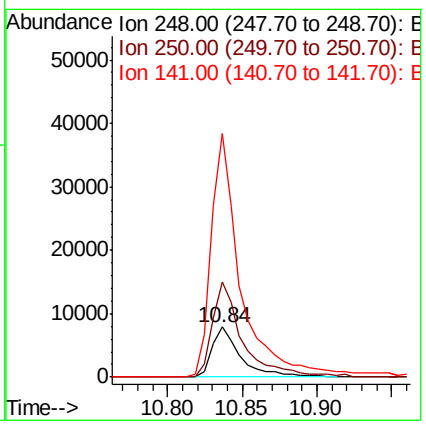


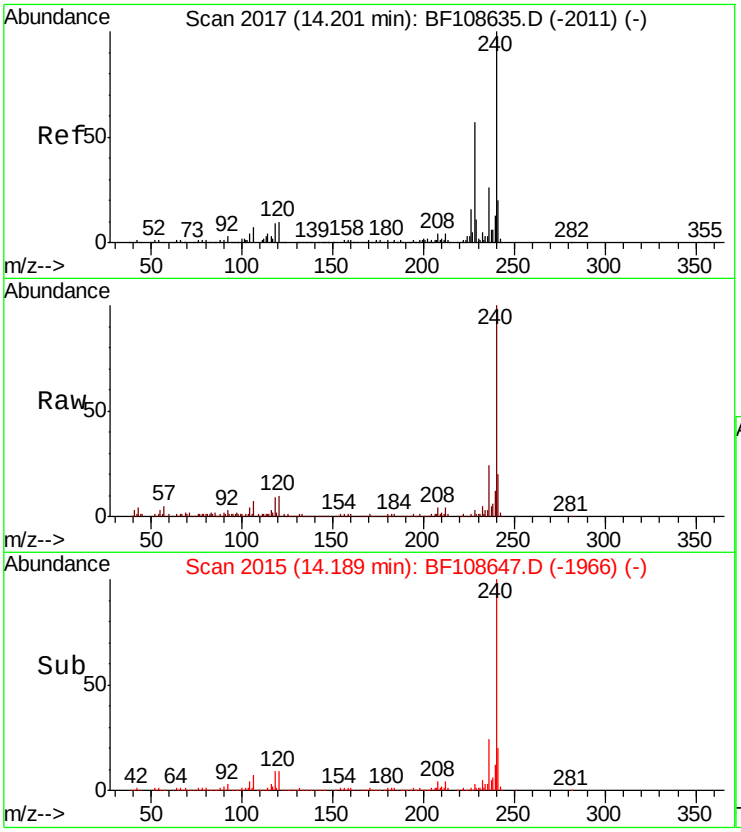


#66
4-Bromophenyl-phenylether
Concen: 2.374 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Tgt Ion:248 Resp: 10698

Ion	Ratio	Lower	Upper
248	100		
250	190.9	76.9	115.3#
141	486.0	74.4	111.6#



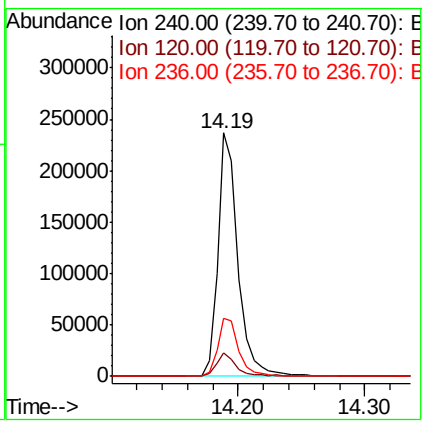


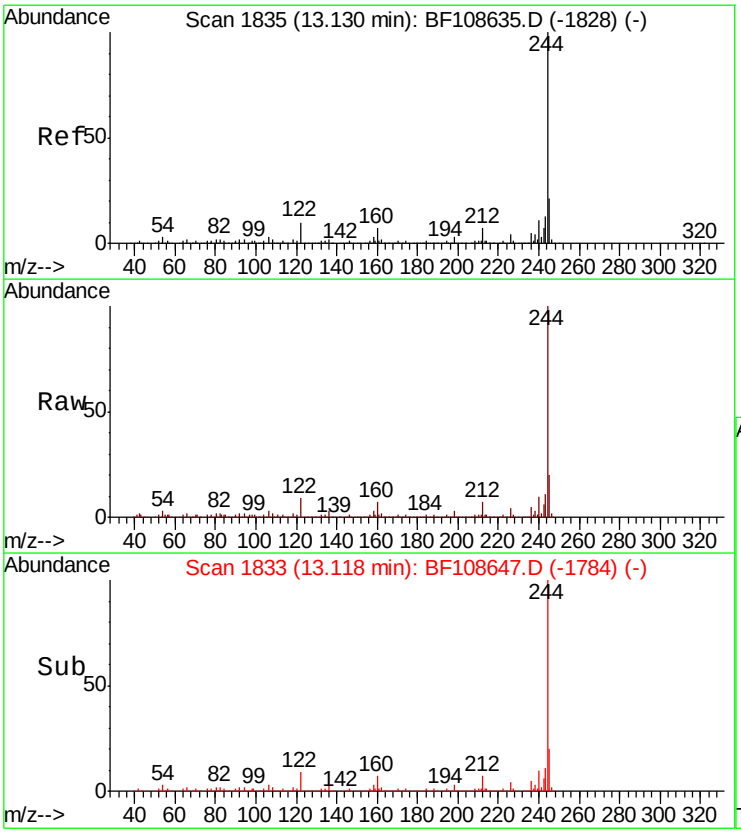
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 259930

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	24.1	20.7	31.1

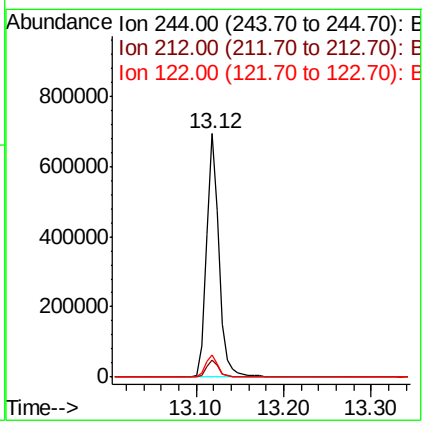


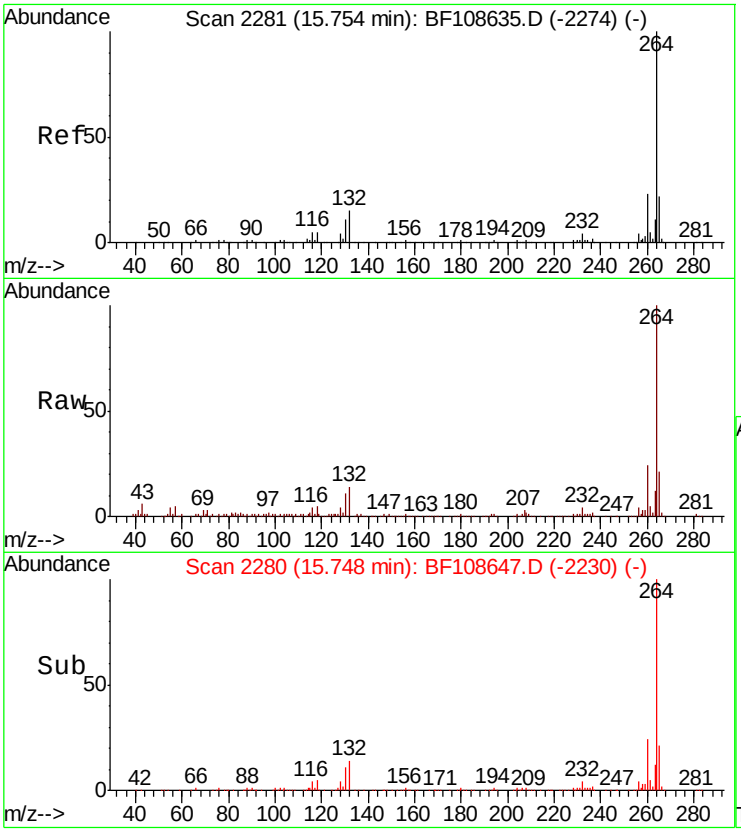


#78
Terphenyl-d14
Concen: 51.247 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108647.D
Acq: 30 Aug 2018 18:28

Tgt Ion:244 Resp: 685586

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.3	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: BF108647.D
Acq: 30 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 277237

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3