Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108413.D
Acq On : 23 Aug 2018 6:41
Operator : JU/SJ
Sample : J4525-14
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 23 08:00:29 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	155449	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	565625	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	263567	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	430711	20.00	ng	0.00
75) Chrysene-d12	14.19	240	302902	20.00	ng	-0.01
86) Perylene-d12	15.75	264	247384	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	405068	47.18	ng	0.00
7) Phenol-d6	6.61	99	343023	30.06	ng	-0.02
23) Nitrobenzene-d5	7.57	82	1036070	102.21	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	202548	77.04	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1835294	111.79	ng	0.00
78) Terphenyl-d14	13.12	244	1297543	108.92	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.77	77	17878	2.021	ng	# 75
19) n-Nitroso-di-n-propylamine	7.57	70	141038	18.279	ng	# 82
25) Isophorone	7.57	82	1036051	53.625	ng	# 64
49) Dimethylphthalate	9.75	163	89444	4.872	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	34046	8.863	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	34046	6.886	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	470	5.617	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	13555	2.896	ng	# 1

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

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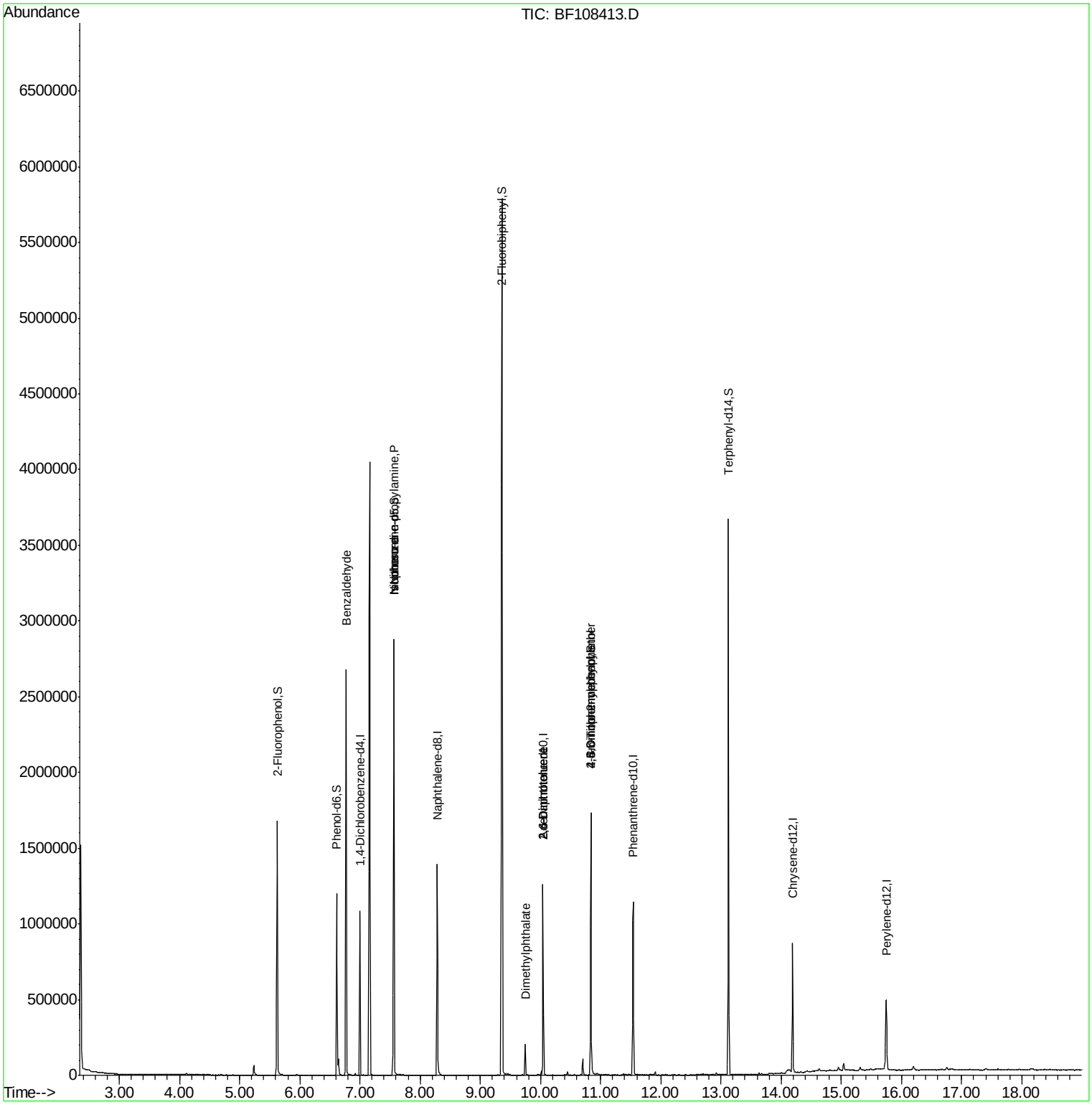
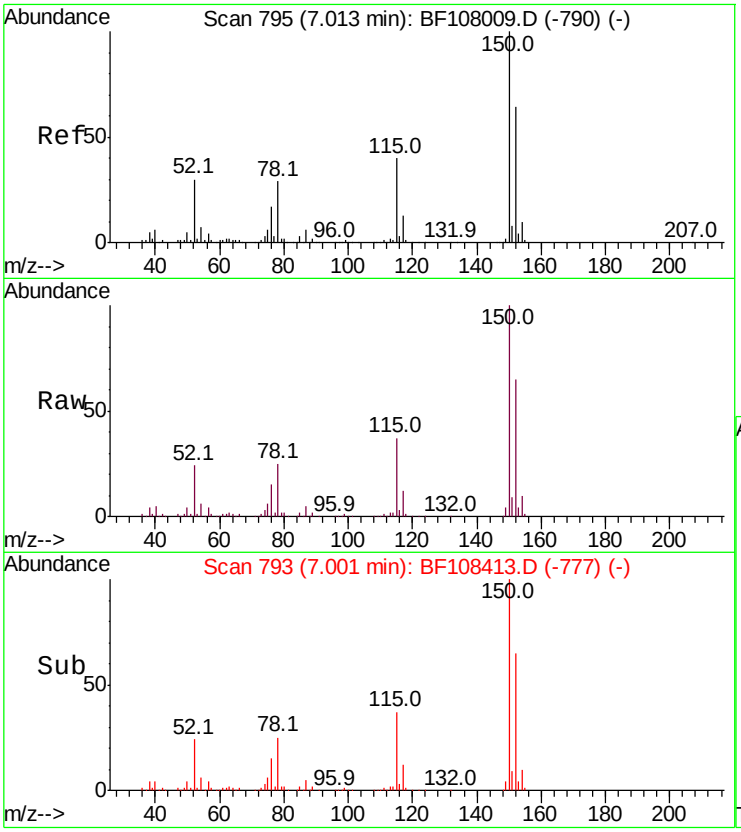


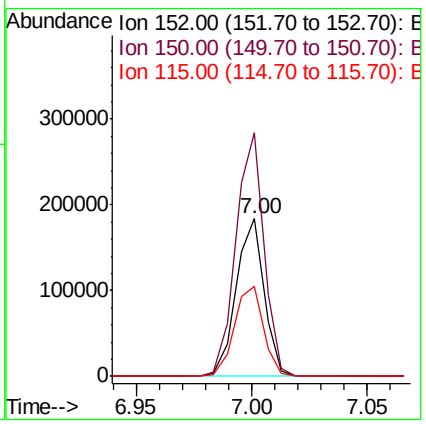


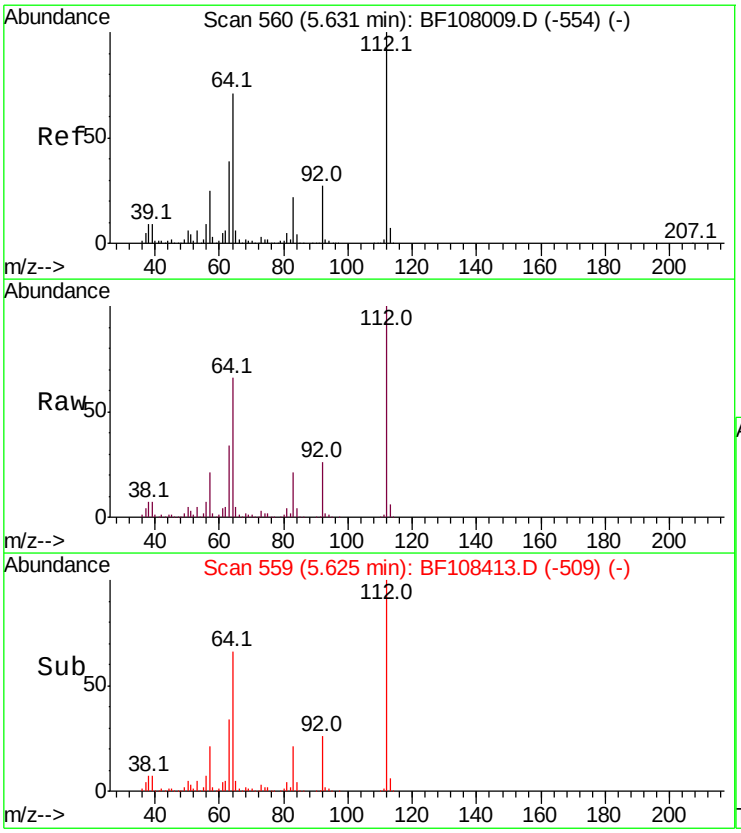
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155449

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	57.5	50.1	75.1

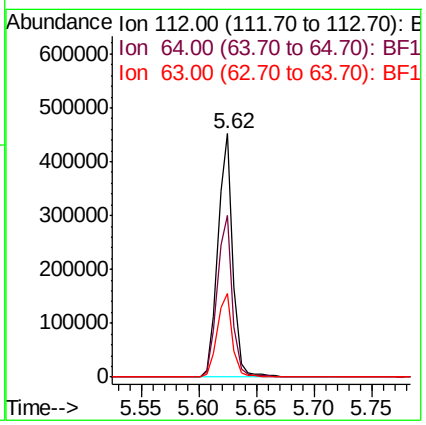


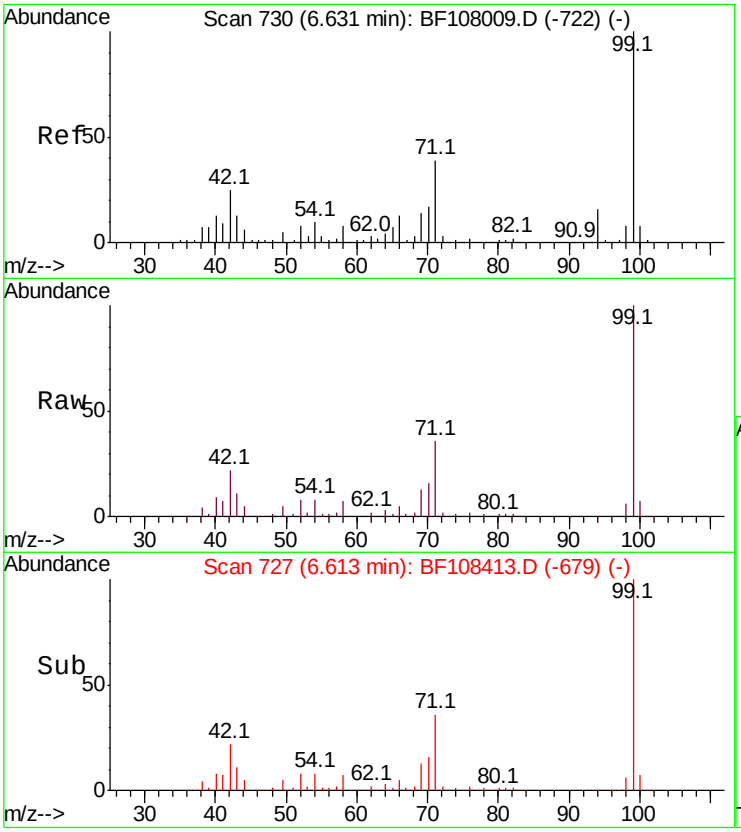


#5
2-Fluorophenol
Concen: 47.177 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:112 Resp: 405068

Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	34.5	23.7	35.5



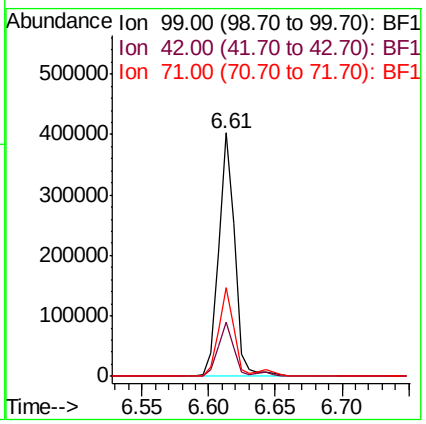


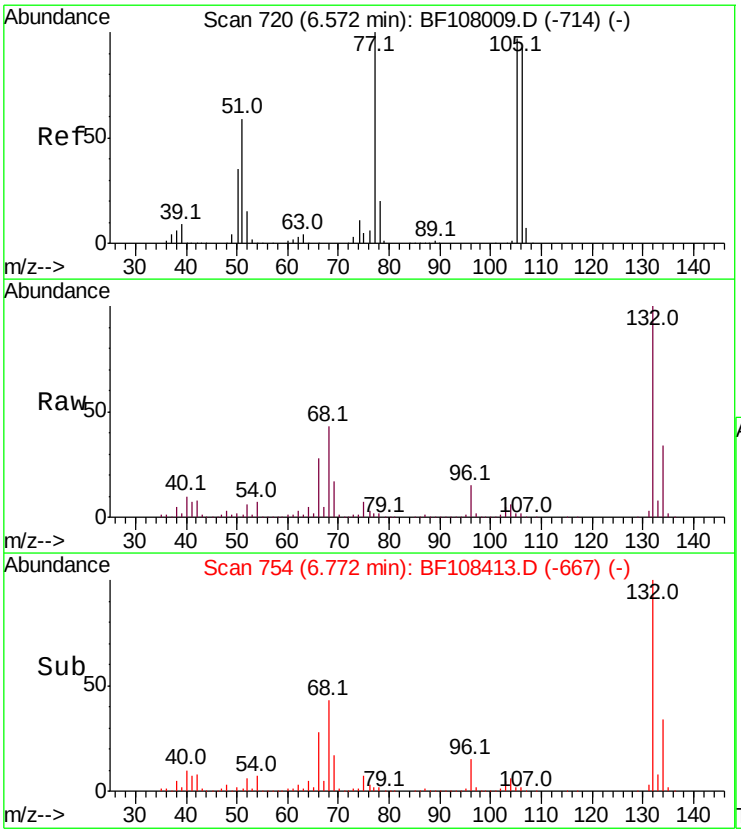
#7
Phenol-d6
Concen: 30.064 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 343023

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	36.5	25.4	38.0

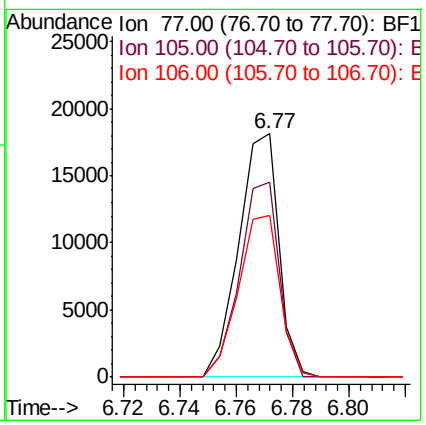


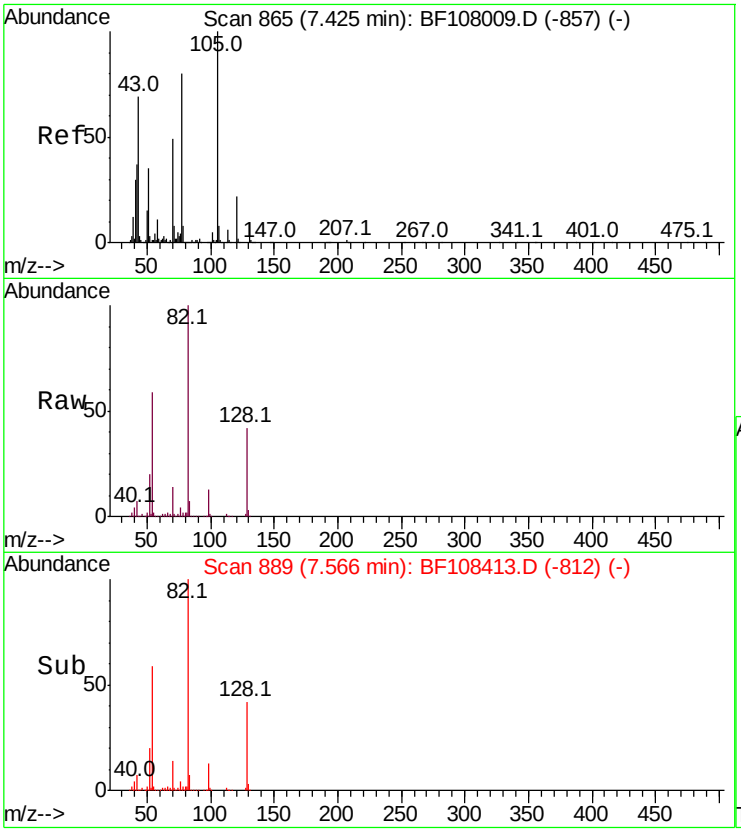


#9
Benzaldehyde
Concen: 2.021 ng
RT: 6.77 min Scan# 754
Delta R.T. 0.21 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion: 77 Resp: 17878

Ion	Ratio	Lower	Upper
77	100		
105	80.3	81.1	121.1#
106	66.4	74.5	114.5#



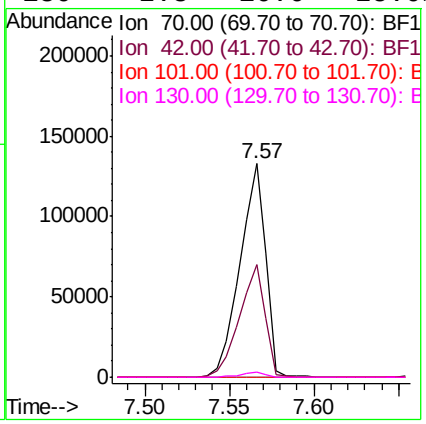


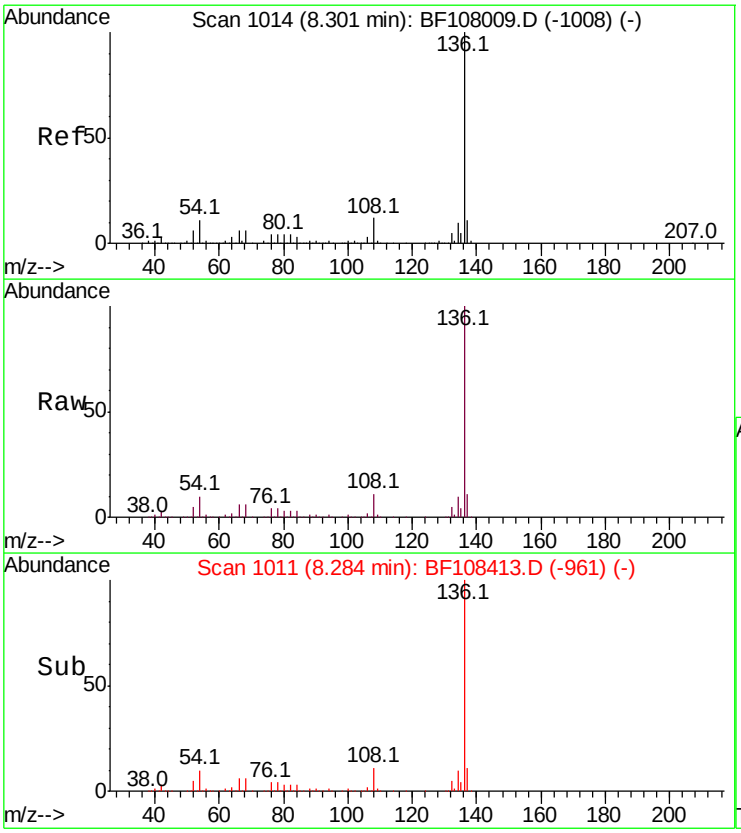
#19
n-Nitroso-di-n-propylamine
Concen: 18.279 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 141038

Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

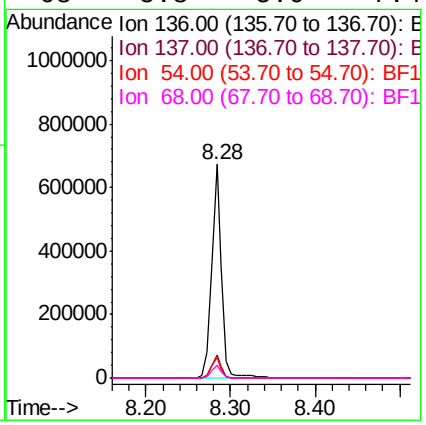


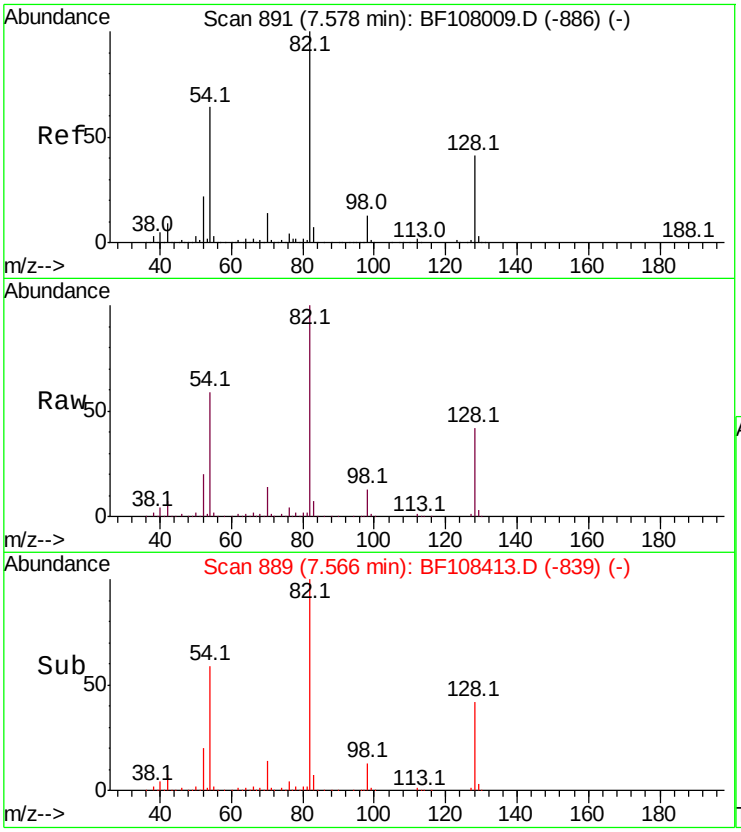


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:136 Resp: 565625

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.7	6.6	9.8
68	5.8	5.0	7.4



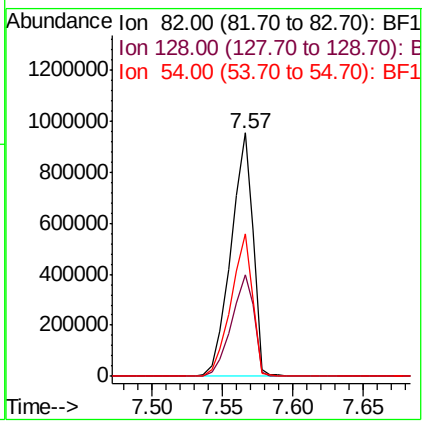


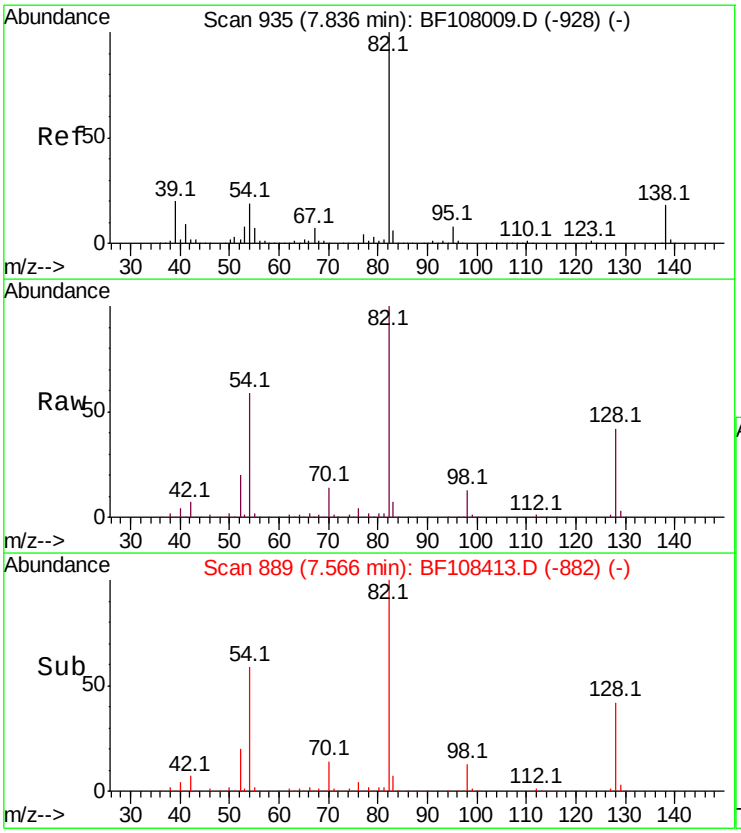
#23
Nitrobenzene-d5
Concen: 102.213 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1036070

Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	58.5	41.4	62.2

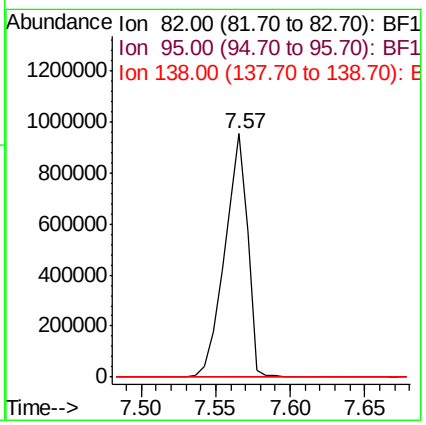


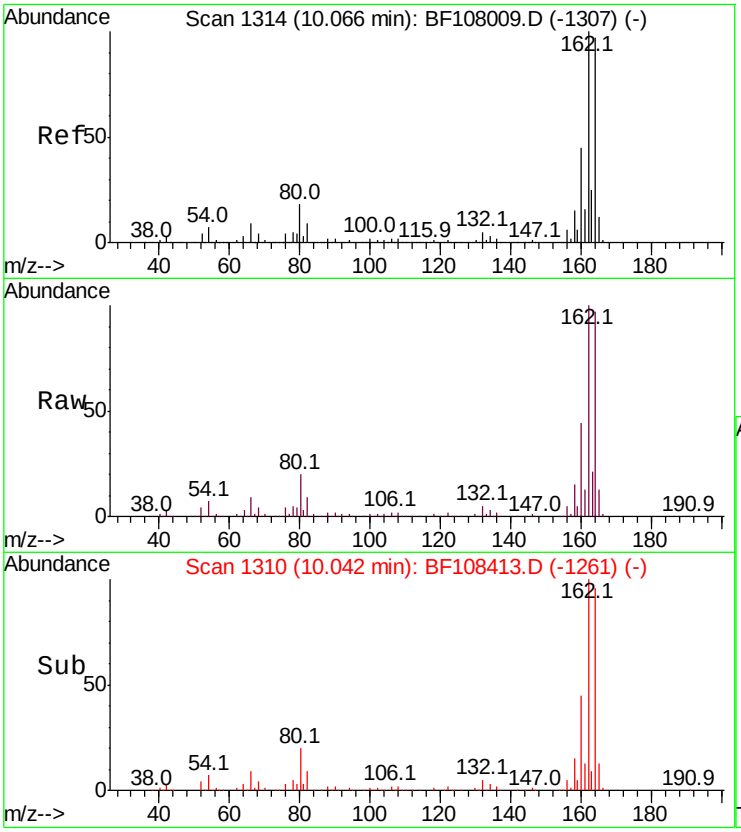


#25
Isophorone
Concen: 53.625 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion: 82 Resp: 1036051

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



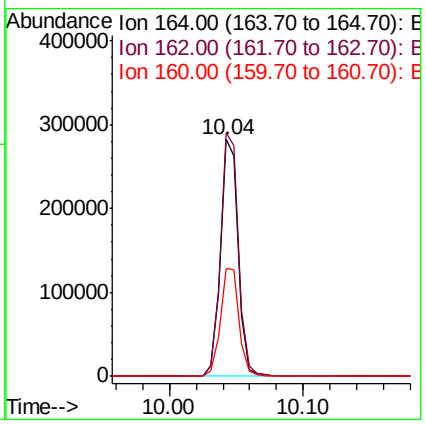


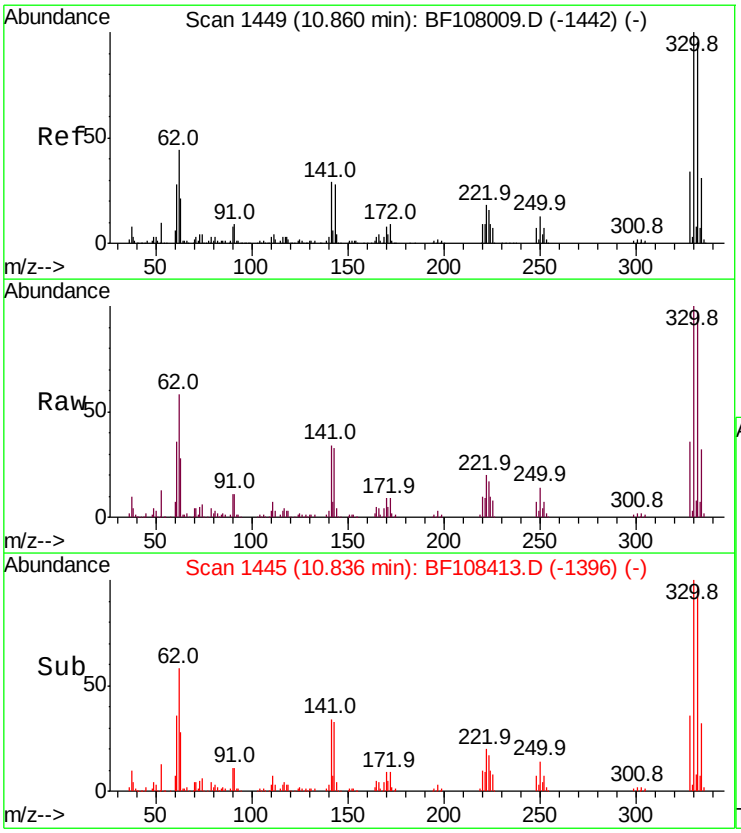
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 263567

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	45.7	38.3	57.5

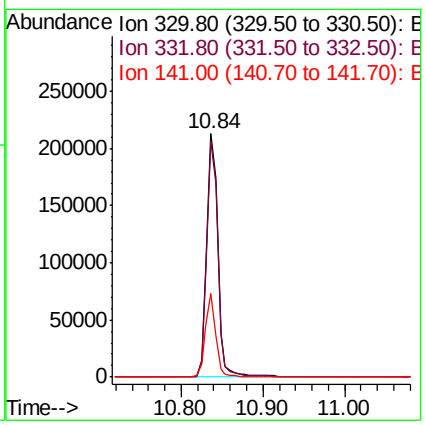


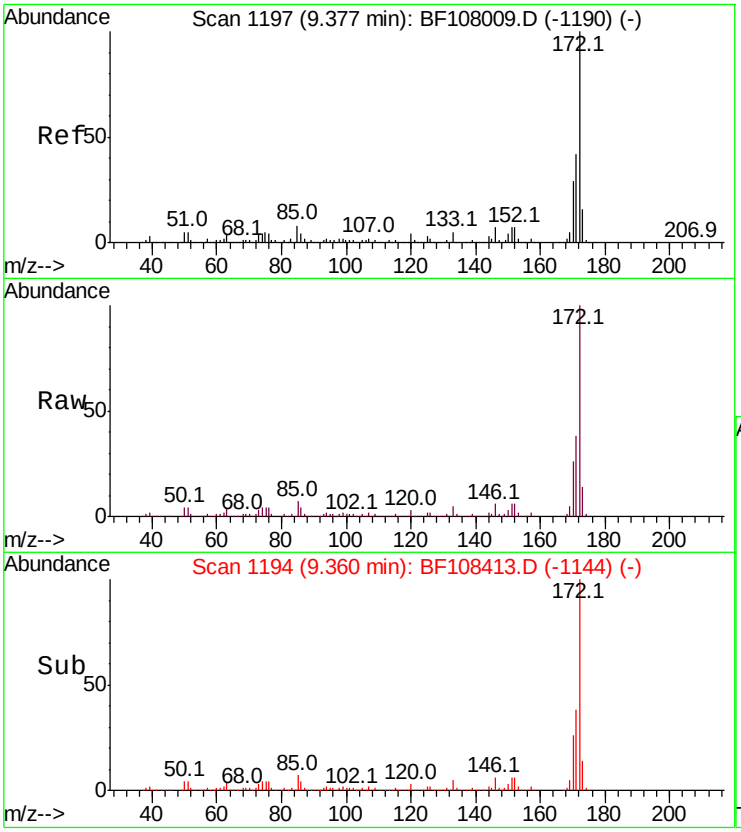


#41
2,4,6-Tribromophenol
Concen: 77.043 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:330 Resp: 202548

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.8	29.9	44.9



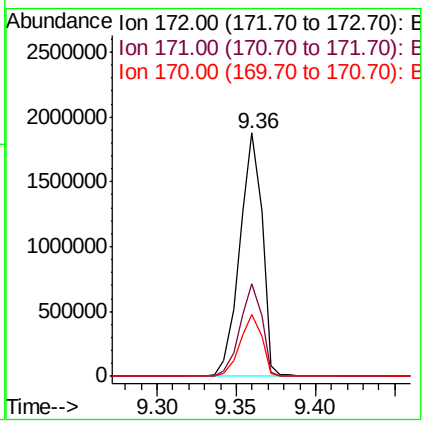


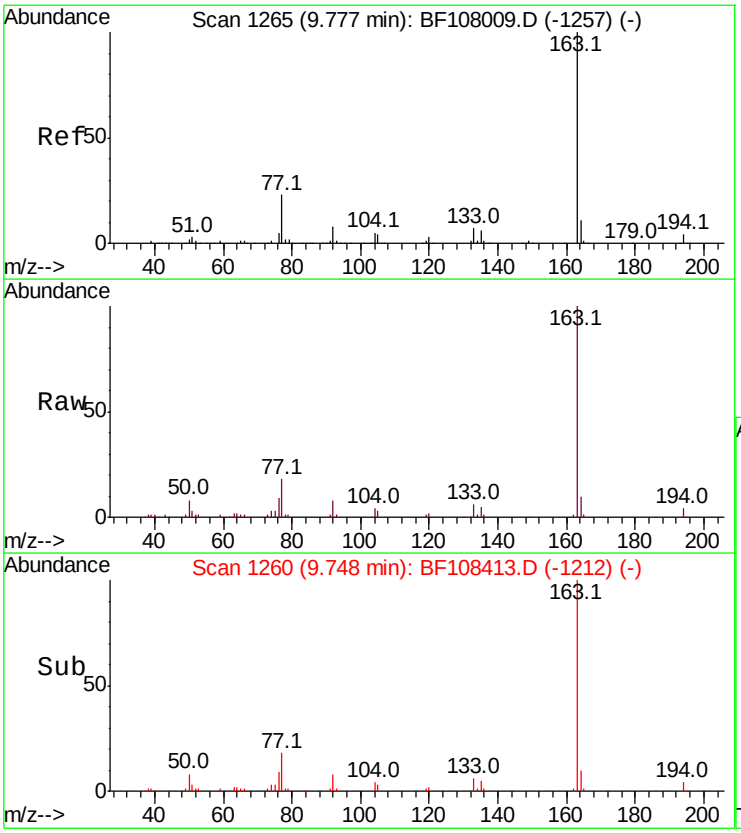
#44
2-Fluorobiphenyl
Concen: 111.793 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1835294

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.7	44.5
170	25.7	19.6	29.4

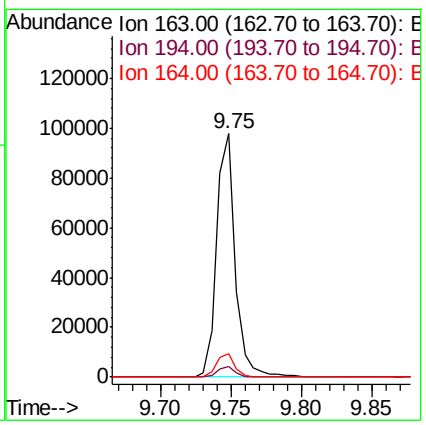


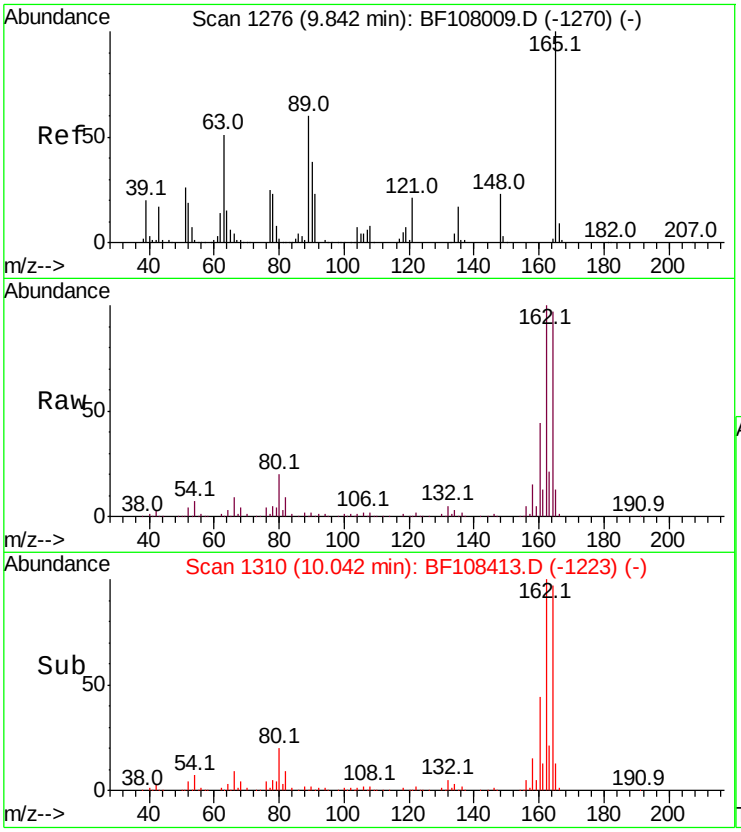


#49
Dimethylphthalate
Concen: 4.872 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:163 Resp: 89444

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	9.6	8.2	12.2



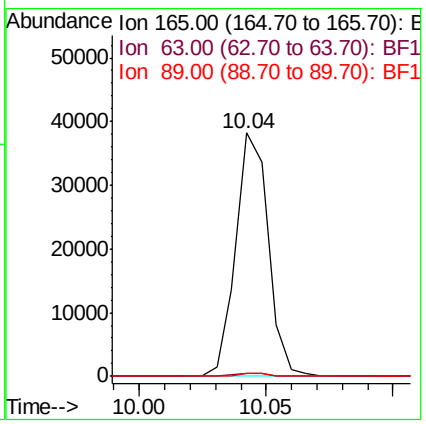


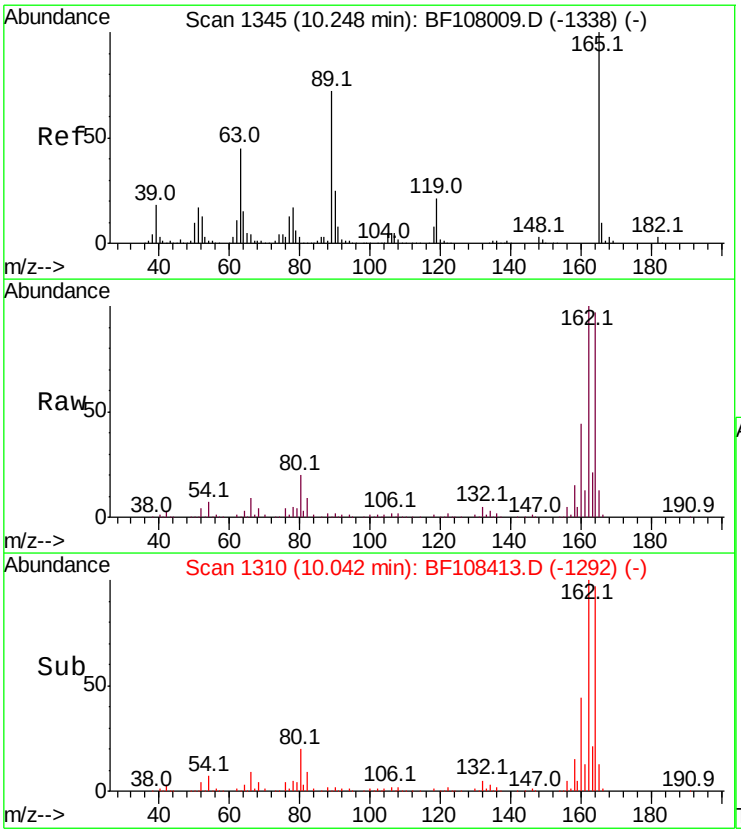
#50
2,6-Dinitrotoluene
Concen: 8.863 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34046

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.4	44.0	66.0#

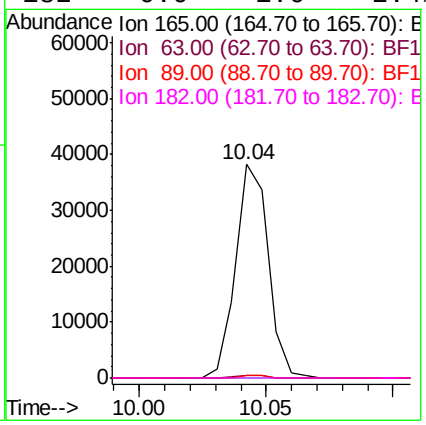


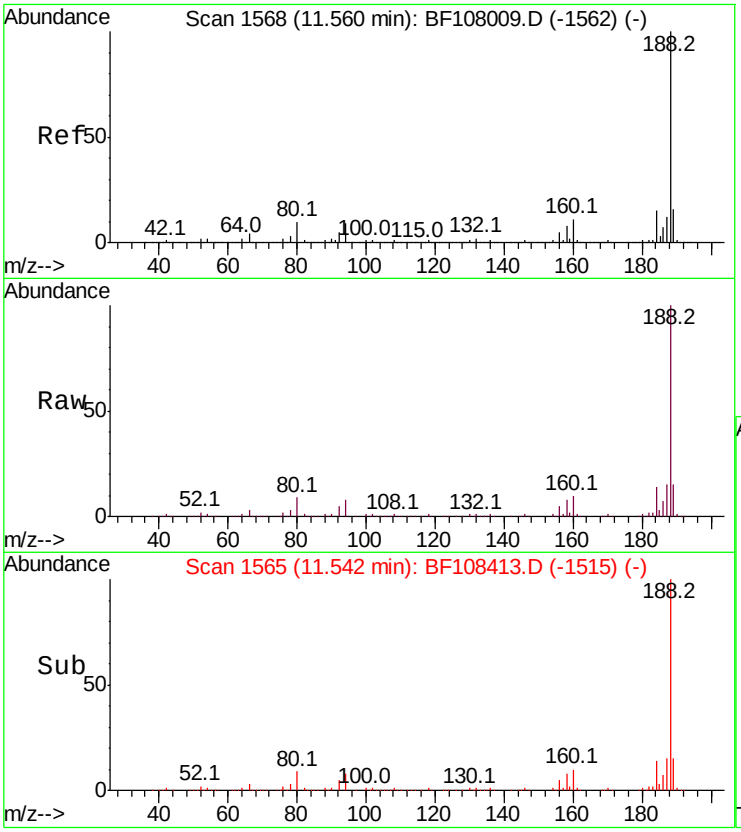


#56
2,4-Dinitrotoluene
Concen: 6.886 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:165 Resp: 34046

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



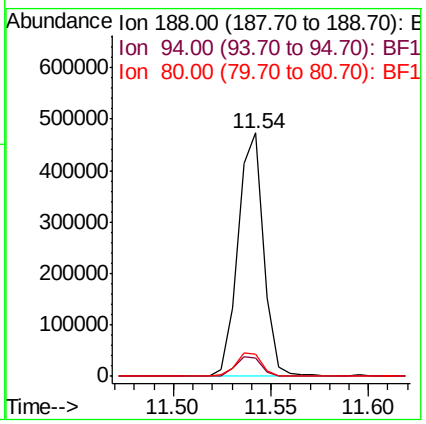


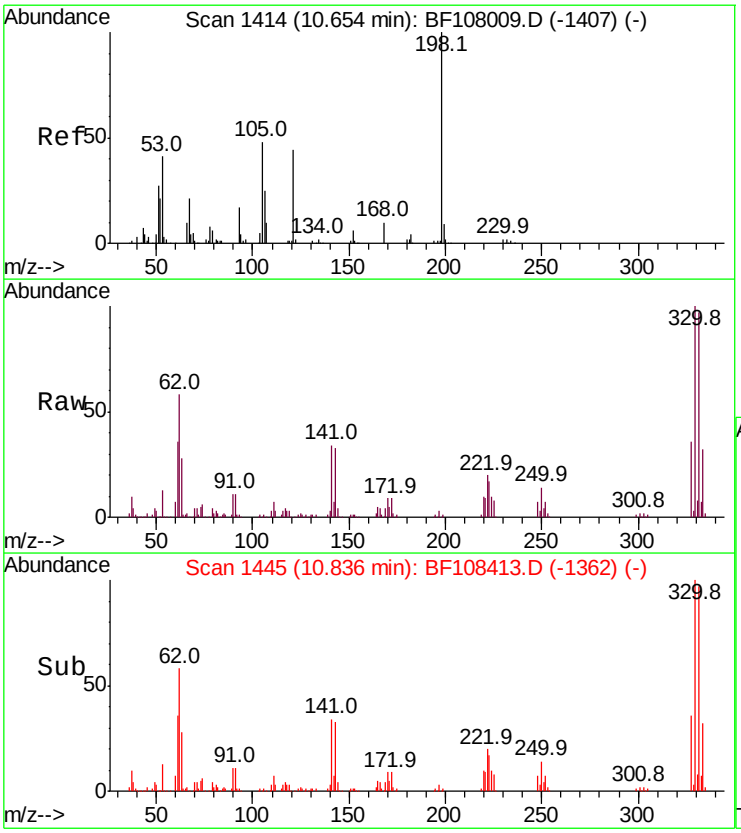
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 430711

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.9	9.2	13.8#

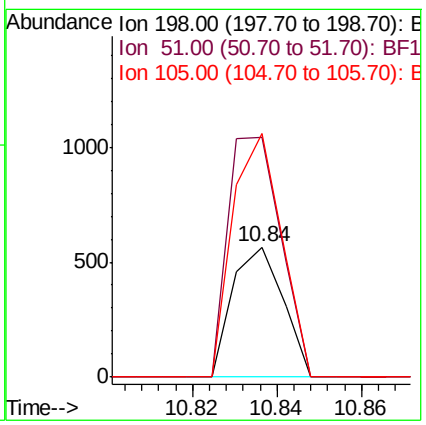


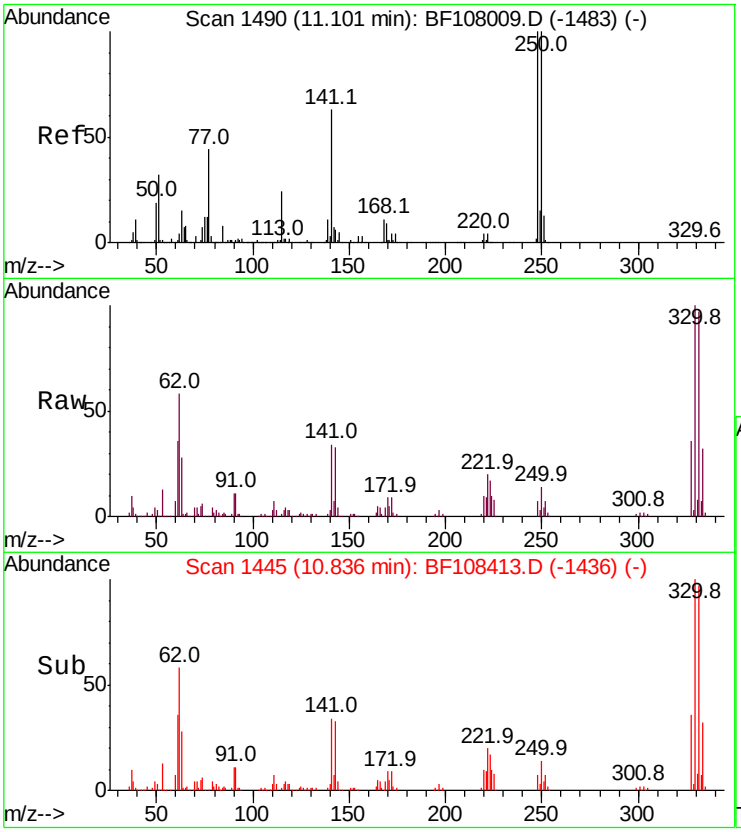


#64
4,6-Dinitro-2-methylphenol
Concen: 5.617 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:198 Resp: 470

Ion	Ratio	Lower	Upper
198	100		
51	185.3	37.7	77.7#
105	187.8	36.3	76.3#



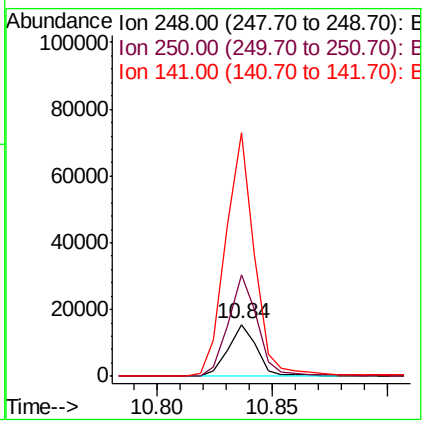


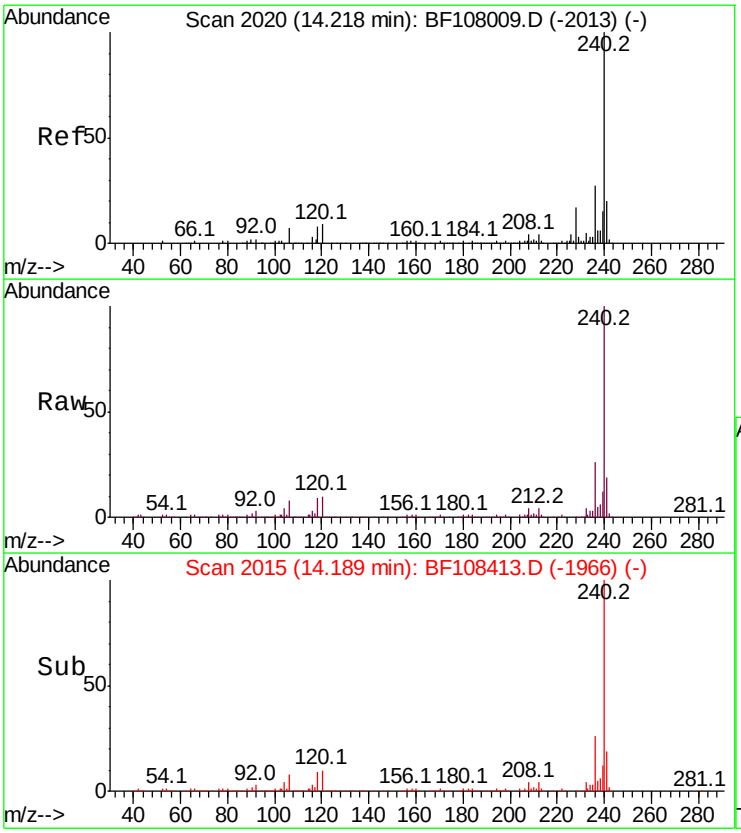
#66
4-Bromophenyl-phenylether
Concen: 2.896 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13555

Ion	Ratio	Lower	Upper
248	100		
250	196.5	76.9	115.3#
141	468.4	74.4	111.6#

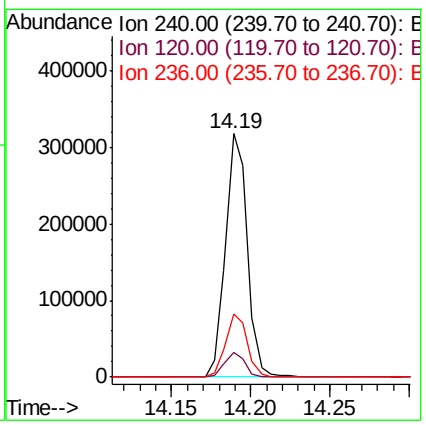


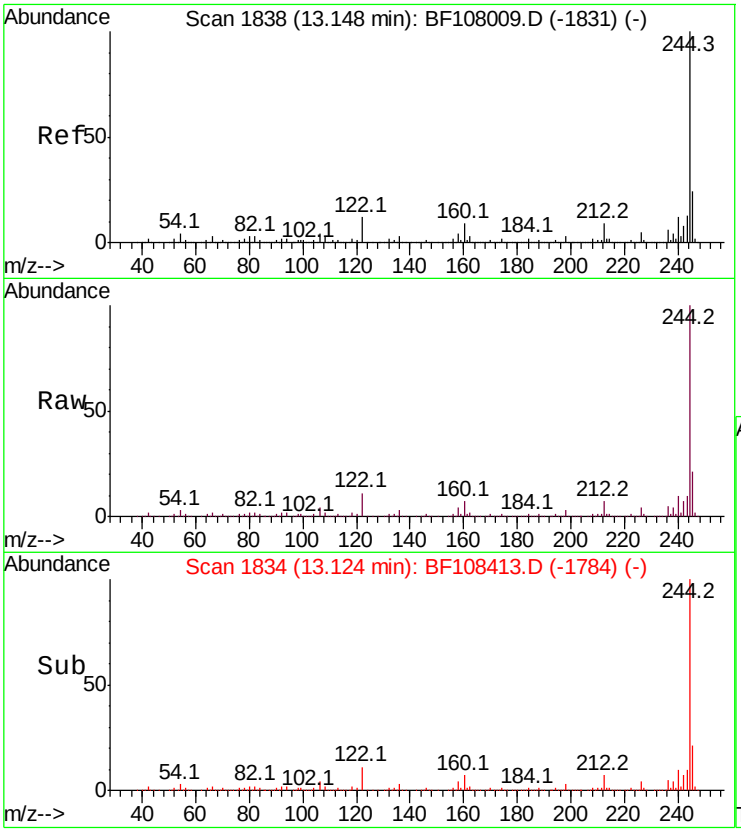


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:240 Resp: 302902

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.1	20.7	31.1



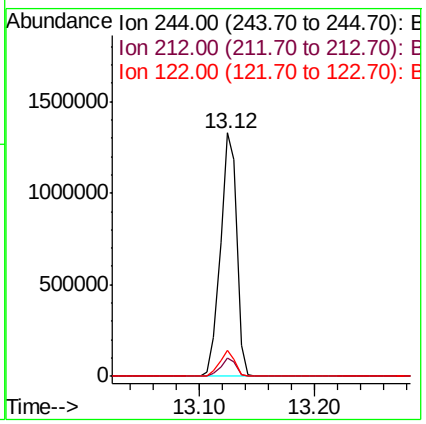


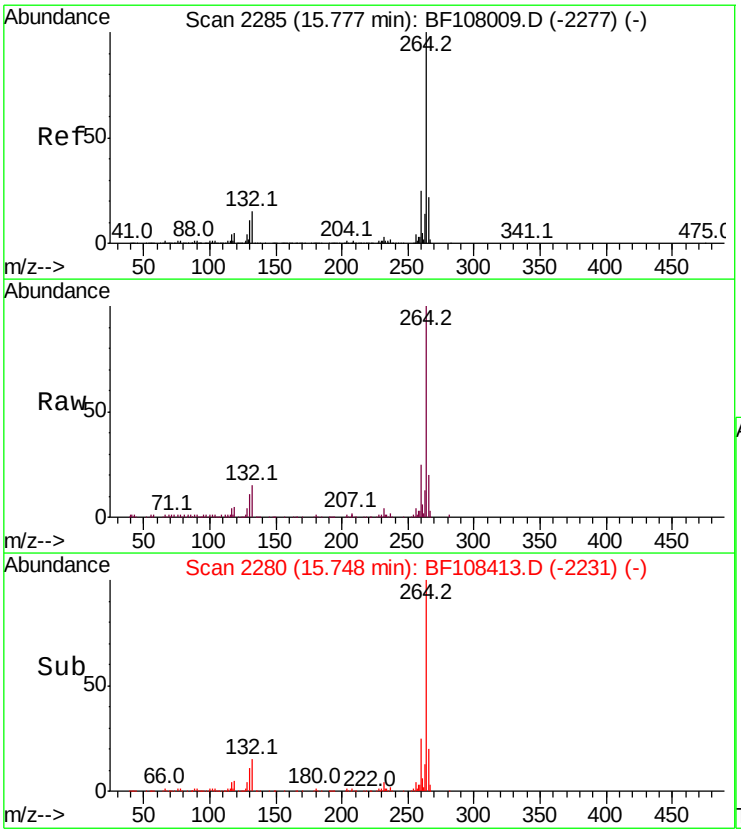
#78
Terphenyl-d14
Concen: 108.916 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1297543

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.9	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: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:264 Resp: 247384

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	20.5	17.5	26.3