Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108244.D
Acq On : 17 Aug 2018 15:42
Operator : JU/SJ
Sample : J4500-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 17 17:20:20 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	154294	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	580672	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	276882	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	508622	20.00	ng	0.00
75) Chrysene-d12	14.21	240	427938	20.00	ng	0.00
86) Perylene-d12	15.77	264	430079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	679114	79.69	ng	0.01
7) Phenol-d6	6.64	99	976933	86.26	ng	0.00
23) Nitrobenzene-d5	7.58	82	636624	61.18	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	208975	75.67	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1133722	65.74	ng	0.00
78) Terphenyl-d14	13.14	244	1098245	65.25	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.64	94	23616	2.016	ng	# 70
19) n-Nitroso-di-n-propylamine	7.58	70	85497	11.164	ng	# 84
25) Isophorone	7.58	82	636607	32.096	ng	# 64
49) Dimethylphthalate	9.76	163	88658	4.597	ng	99
50) 2,6-Dinitrotoluene	10.06	165	35026	8.680	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	35026	6.743	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	410	5.549	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	13548	2.451	ng	# 1

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

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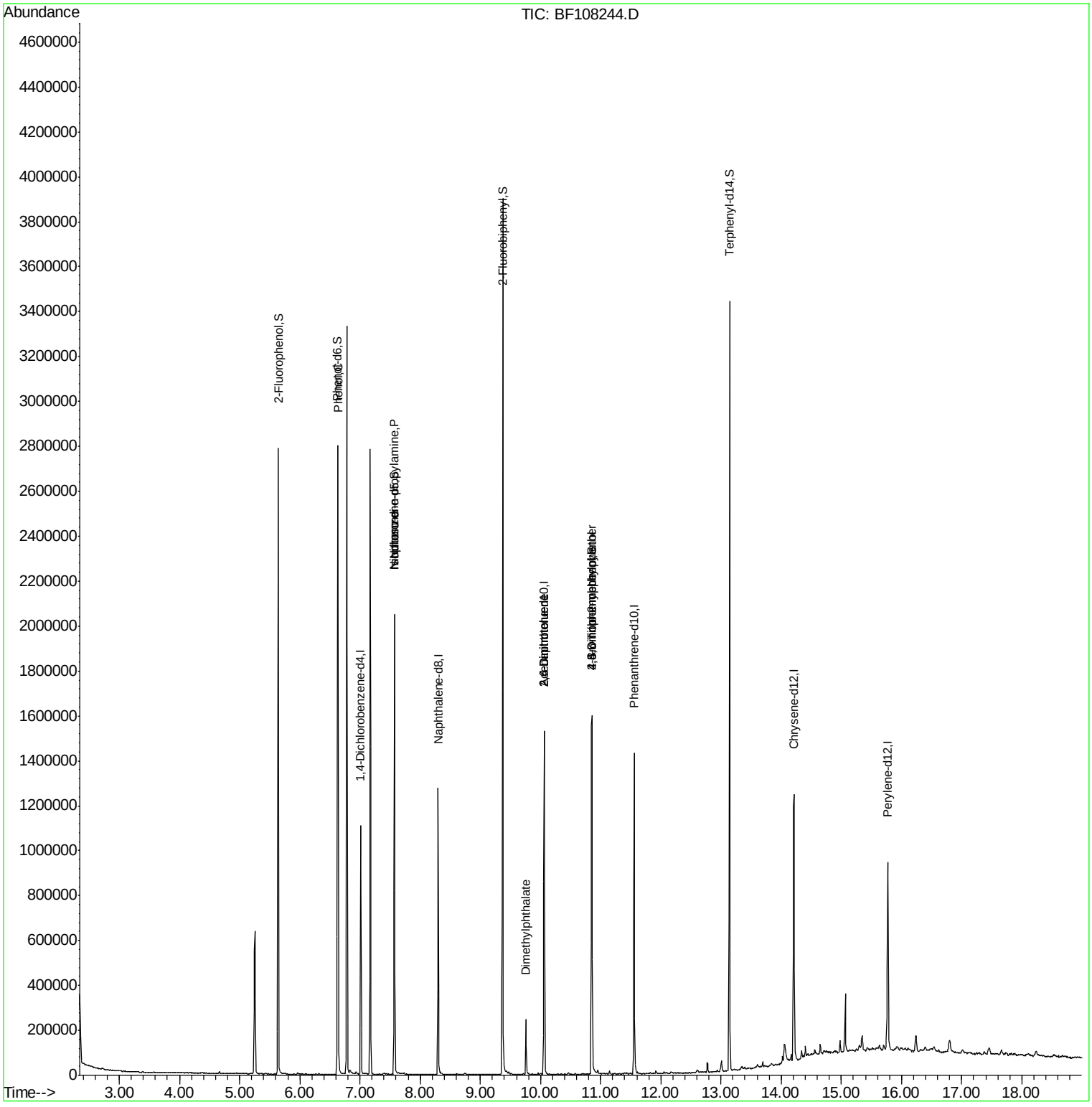
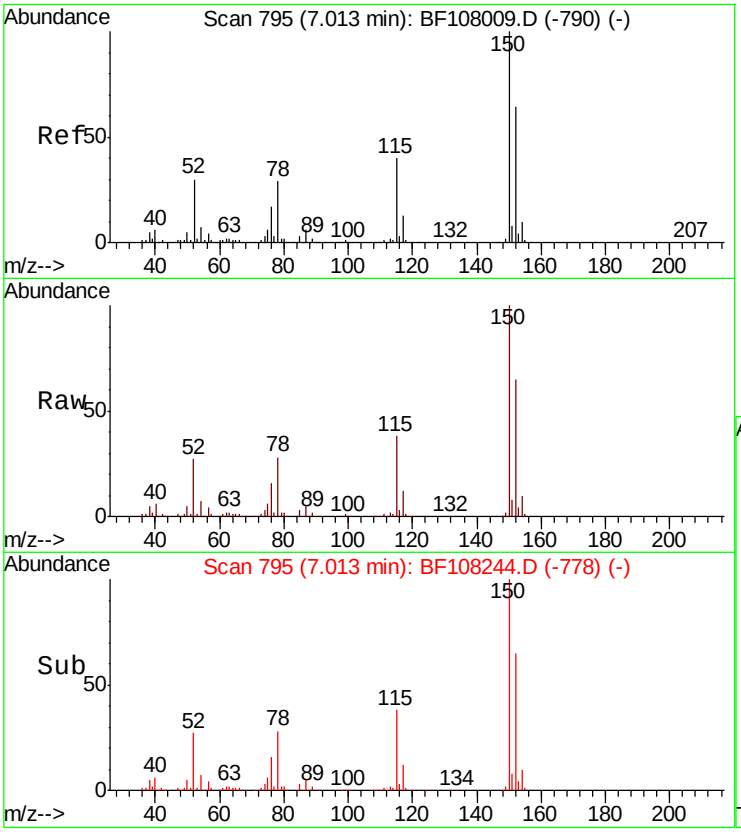


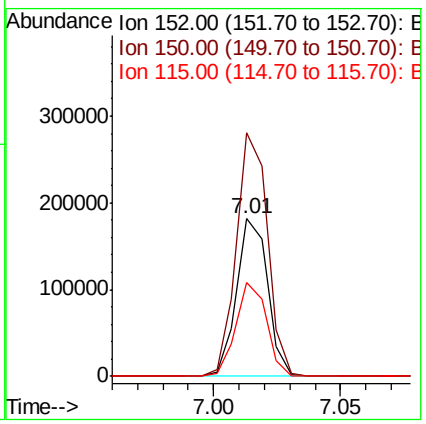


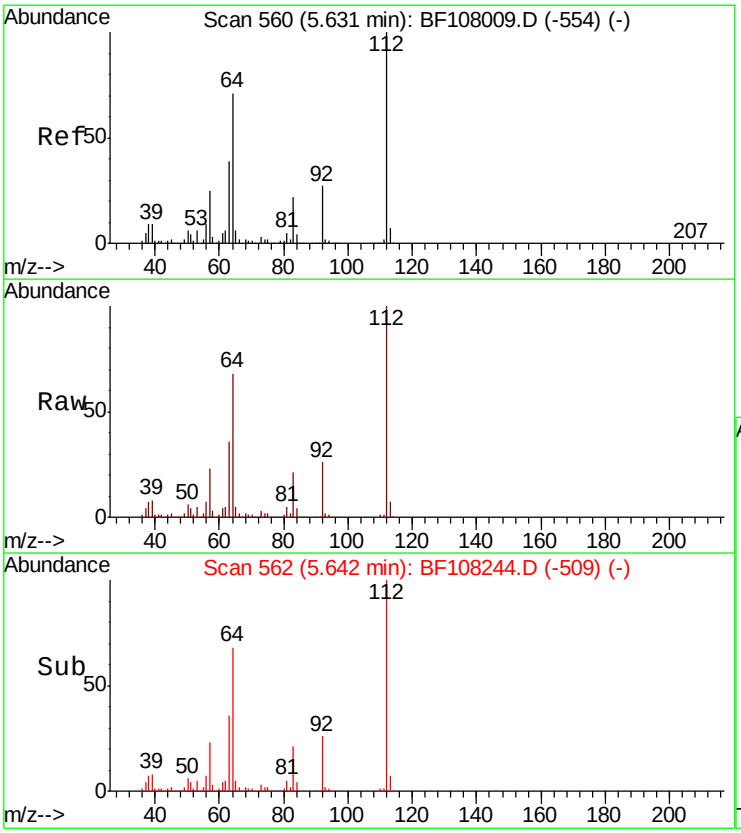
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 154294

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.6	50.1	75.1

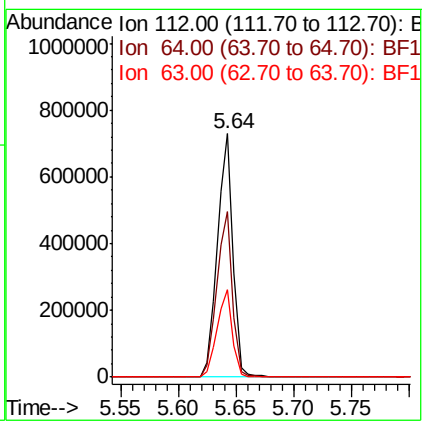


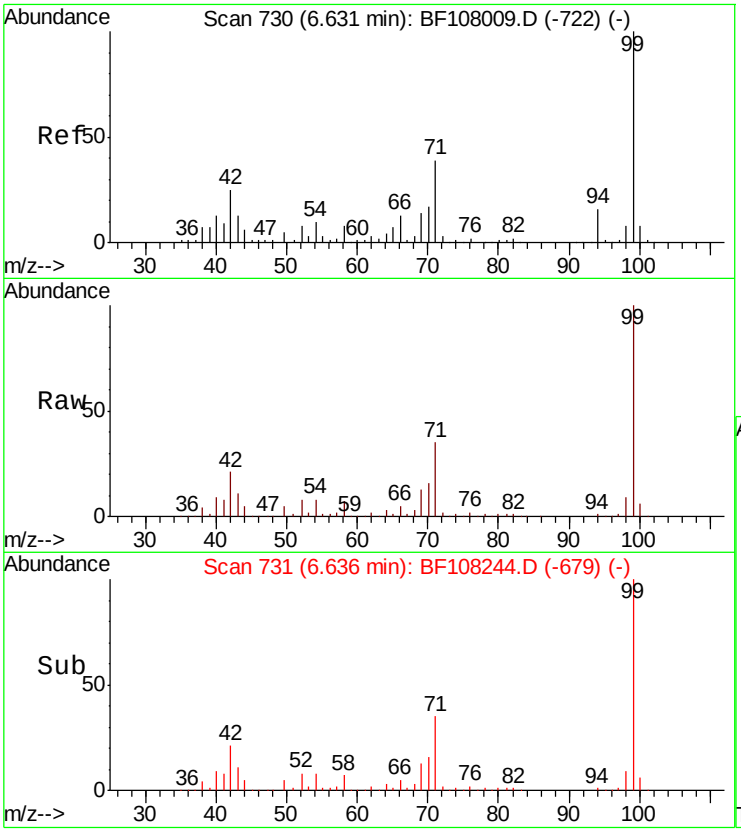


#5
2-Fluorophenol
Concen: 79.686 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion:112 Resp: 679114

Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	36.1	23.7	35.5#



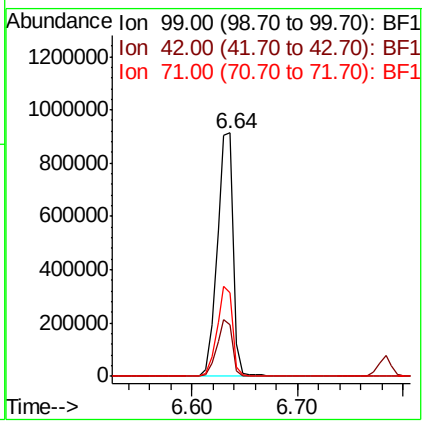


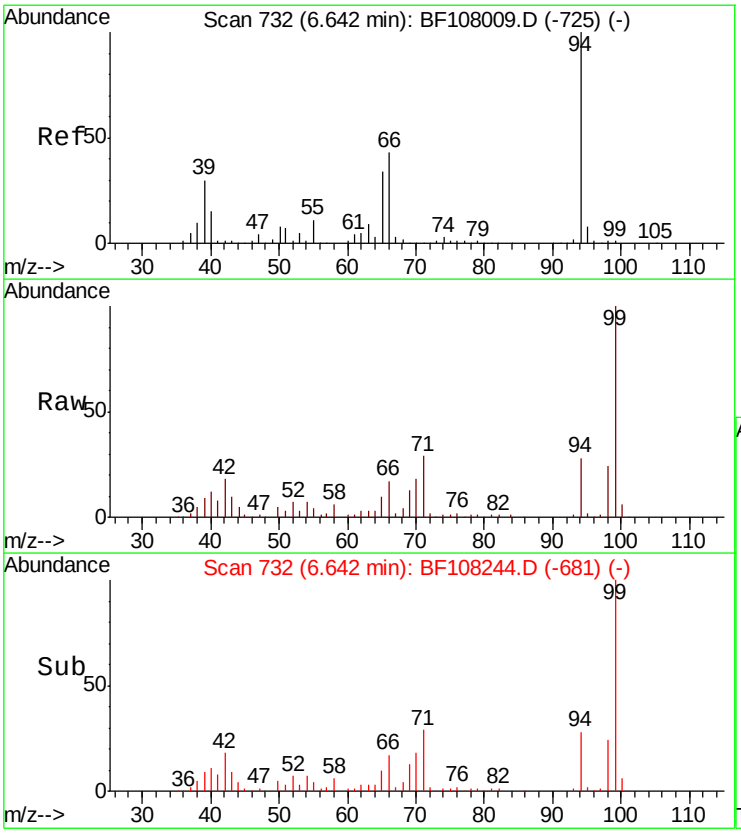
#7
Phenol-d6
Concen: 86.263 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 976933

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	34.6	25.4	38.0

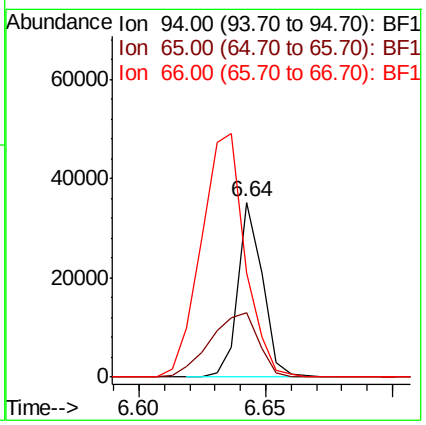


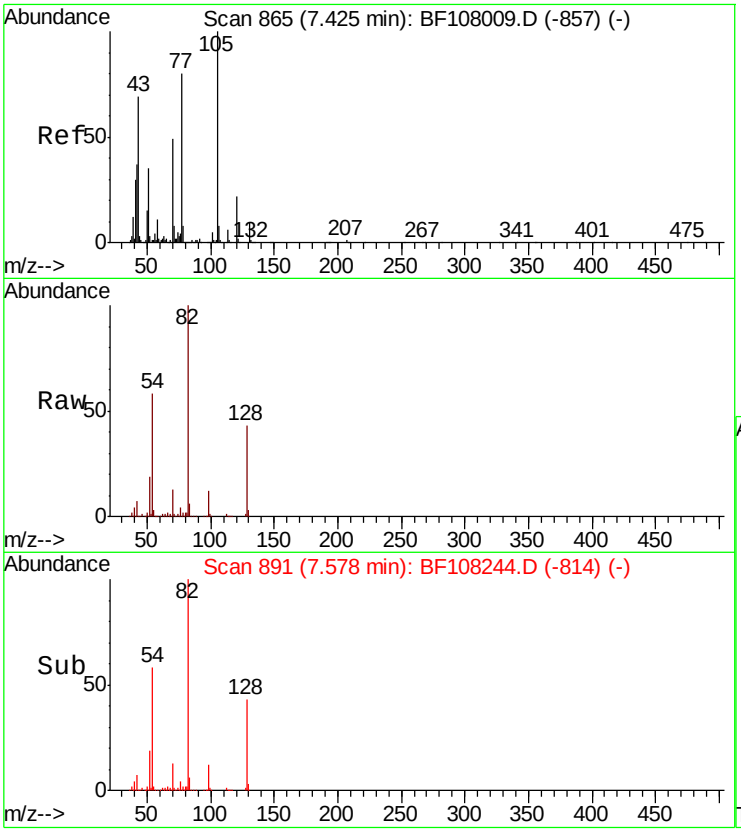


#10
Phenol
Concen: 2.016 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion: 94 Resp: 23616

Ion	Ratio	Lower	Upper
94	100		
65	36.8	7.9	47.9
66	59.7	16.2	56.2#



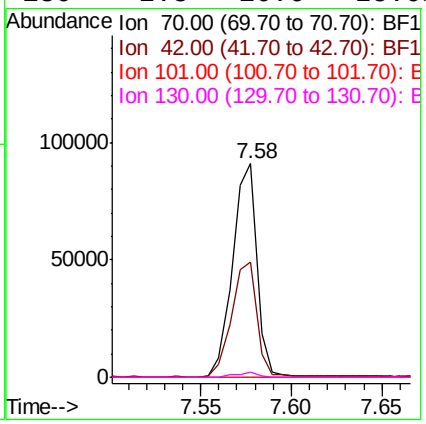


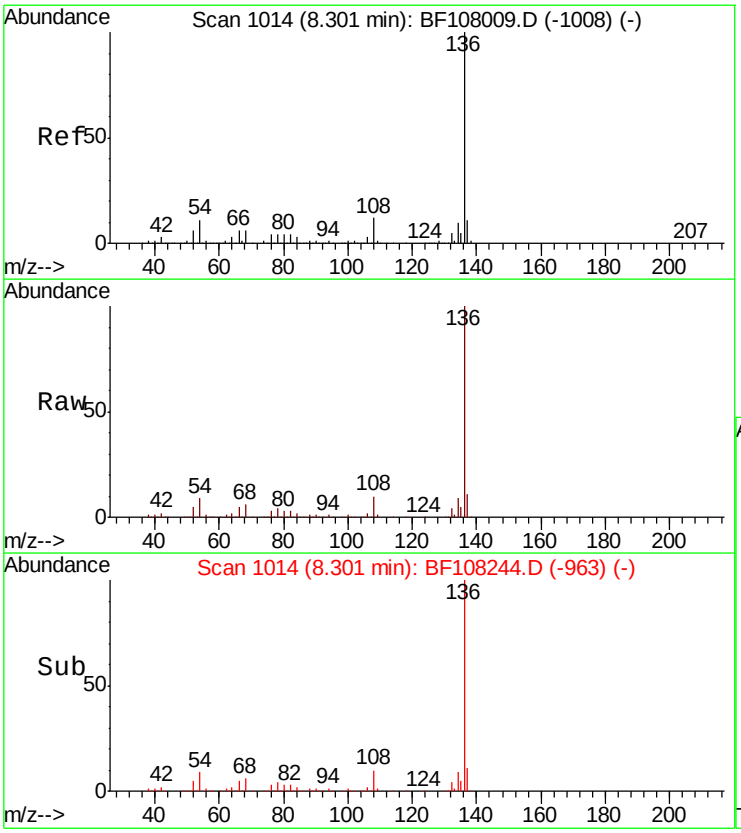
#19
n-Nitroso-di-n-propylamine
Concen: 11.164 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 85497

Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

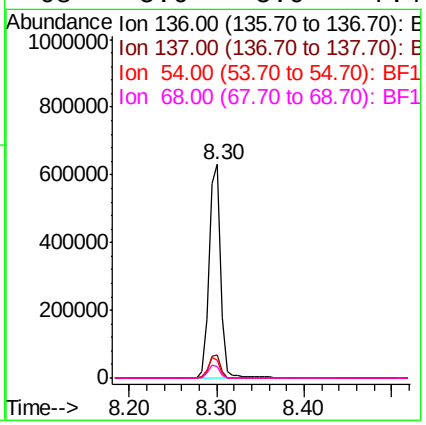


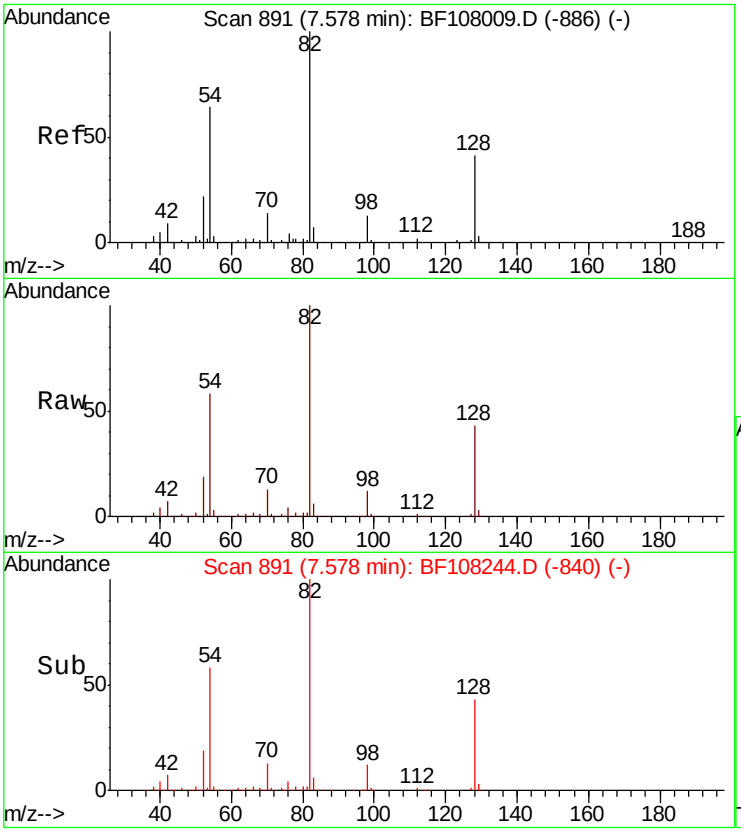


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion:136 Resp: 580672

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.6	6.6	9.8
68	5.6	5.0	7.4



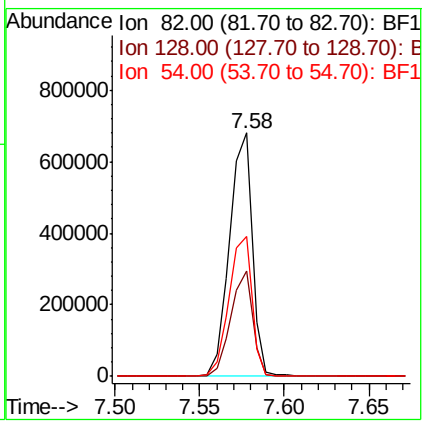


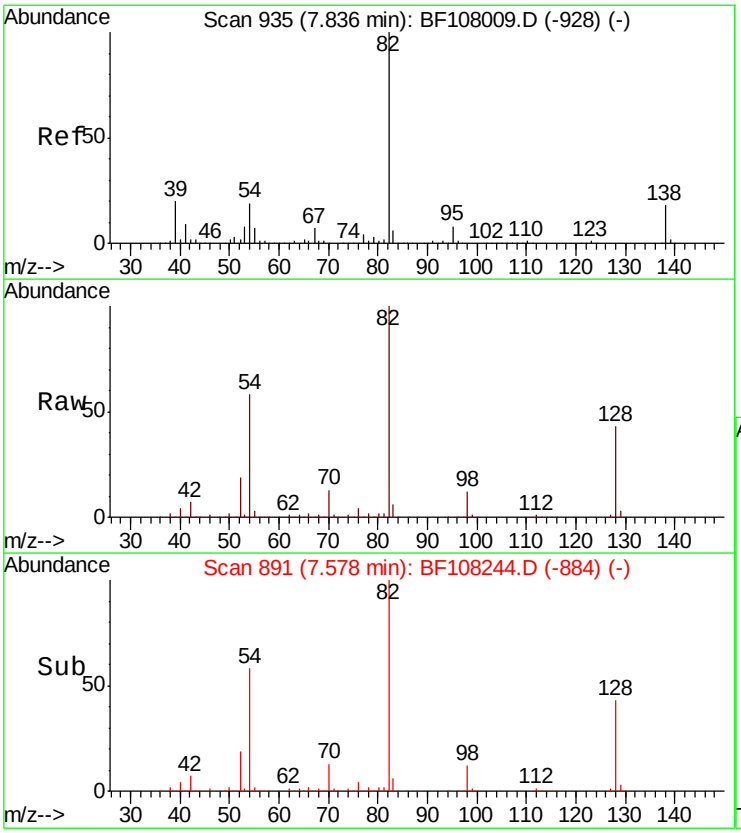
#23
Nitrobenzene-d5
Concen: 61.178 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 636624

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	57.6	41.4	62.2

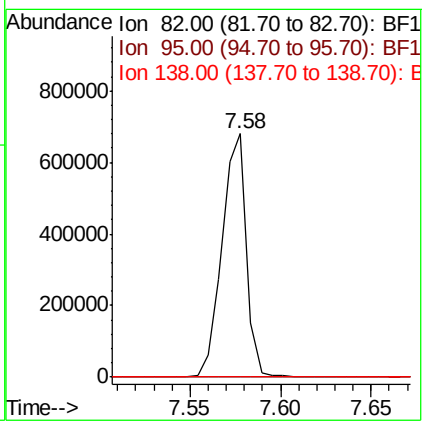


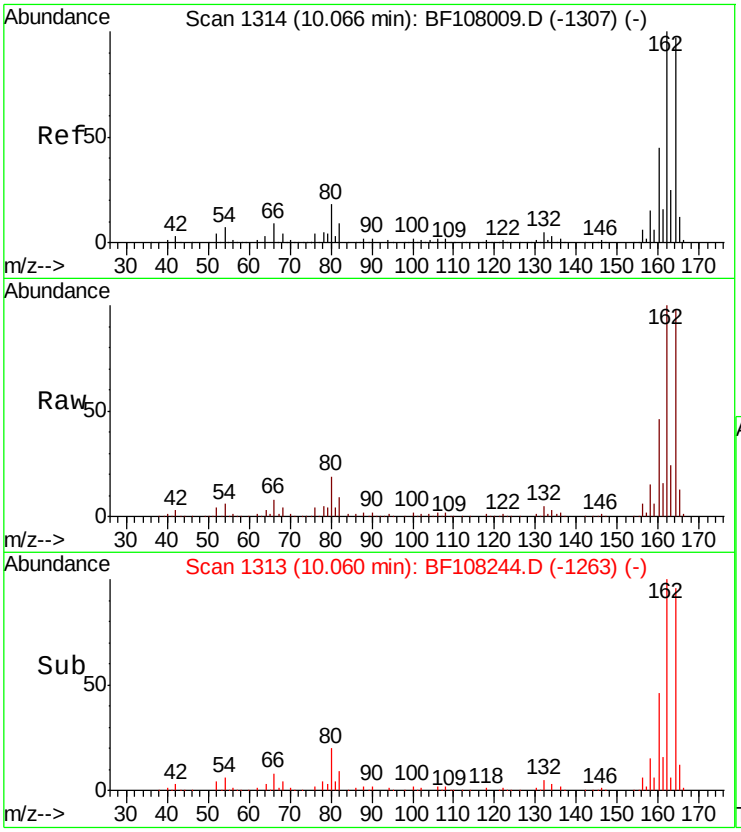


#25
Isophorone
Concen: 32.096 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion: 82 Resp: 636607

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



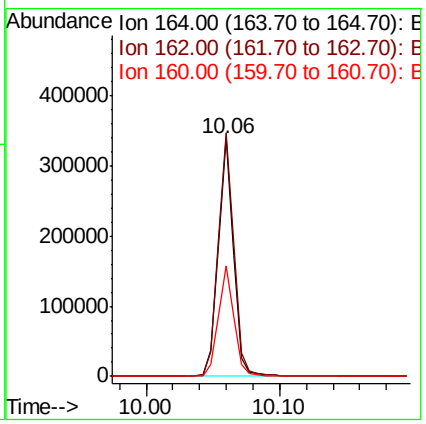


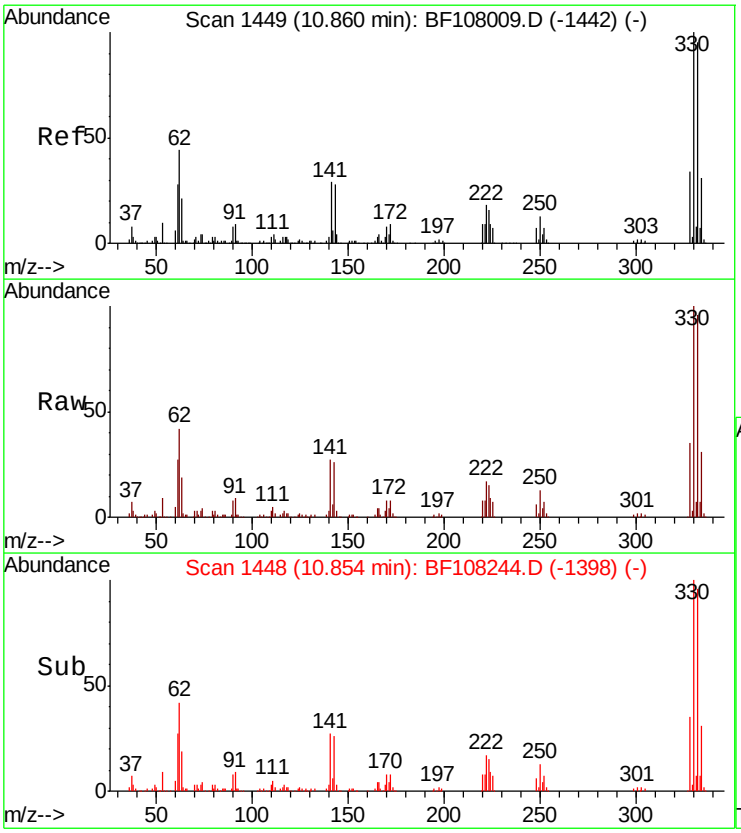
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 276882

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.6	38.3	57.5

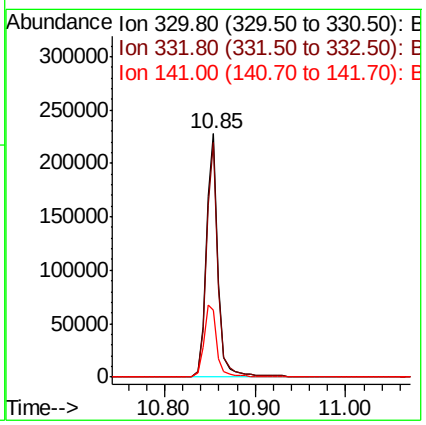


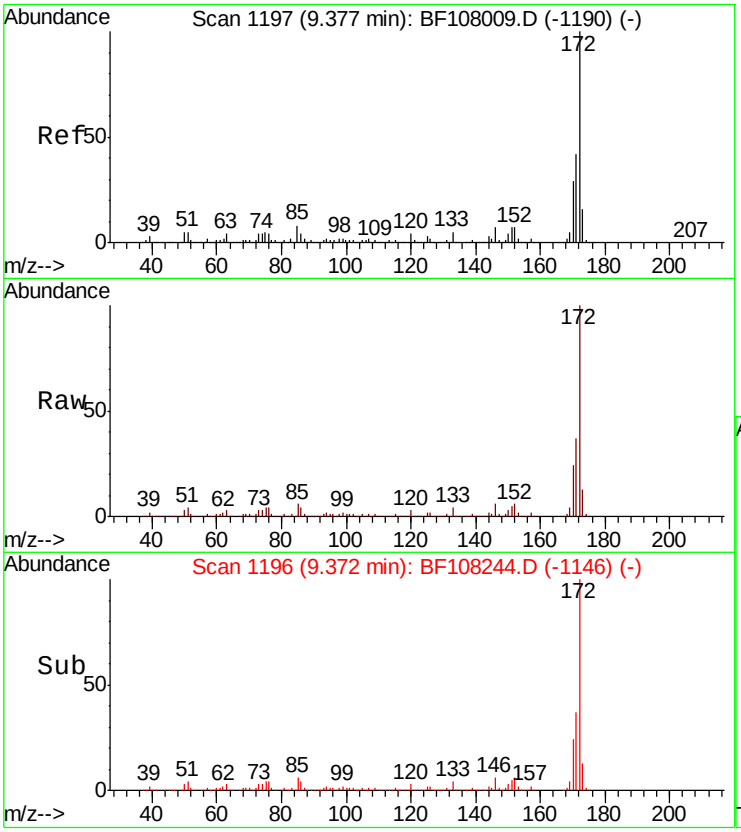


#41
2,4,6-Tribromophenol
Concen: 75.665 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion:330 Resp: 208975

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	32.6	29.9	44.9



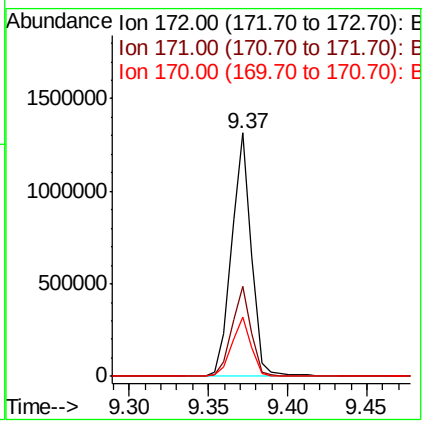


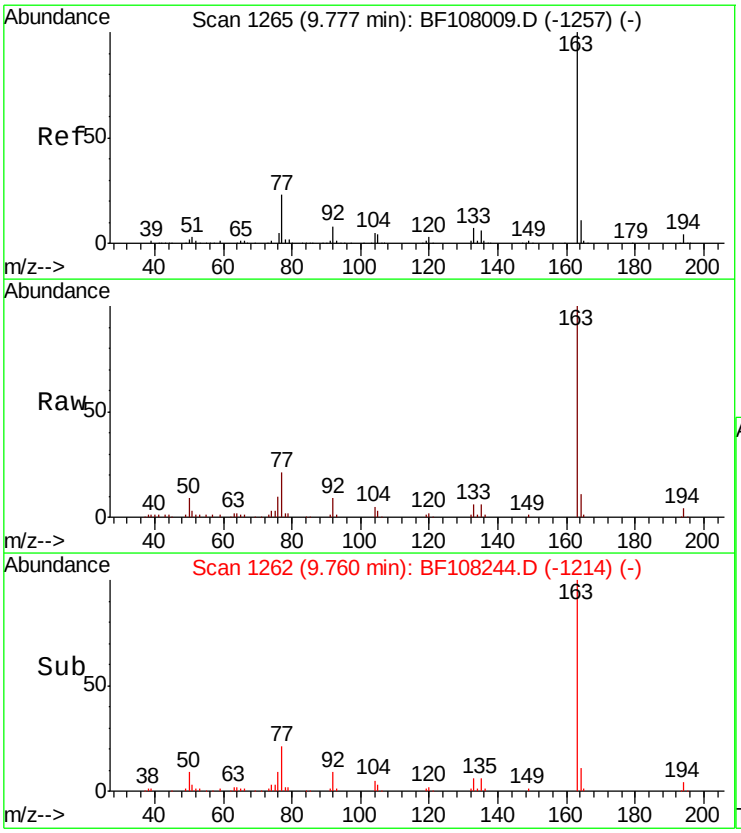
#44
2-Fluorobiphenyl
Concen: 65.738 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1133722

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.4	19.6	29.4

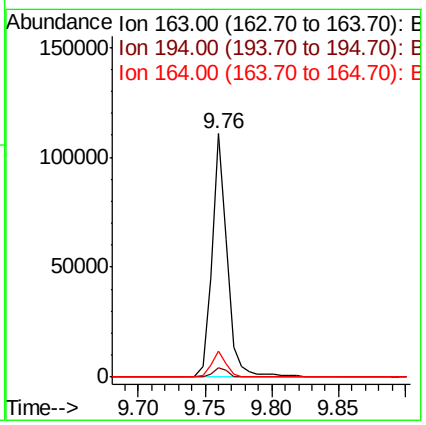


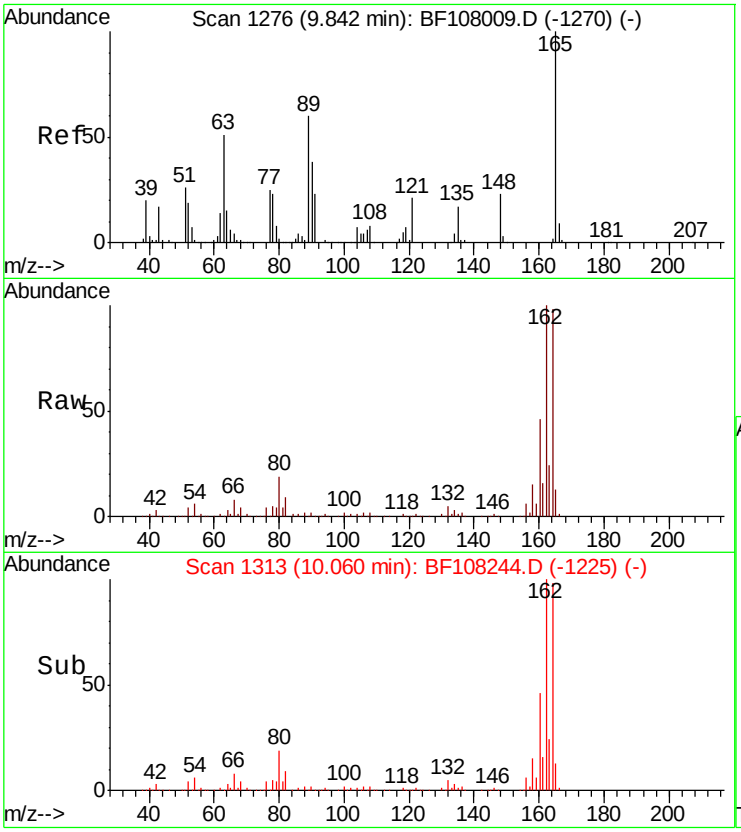


#49
Dimethylphthalate
Concen: 4.597 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion:163 Resp: 88658

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.6	8.2	12.2



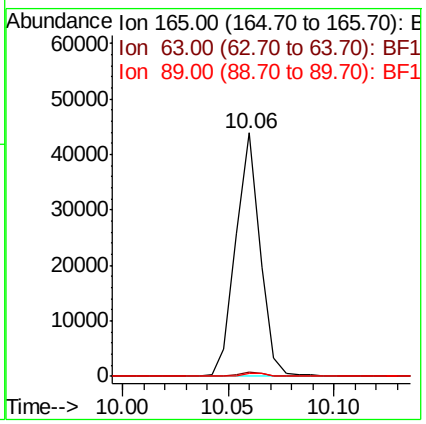


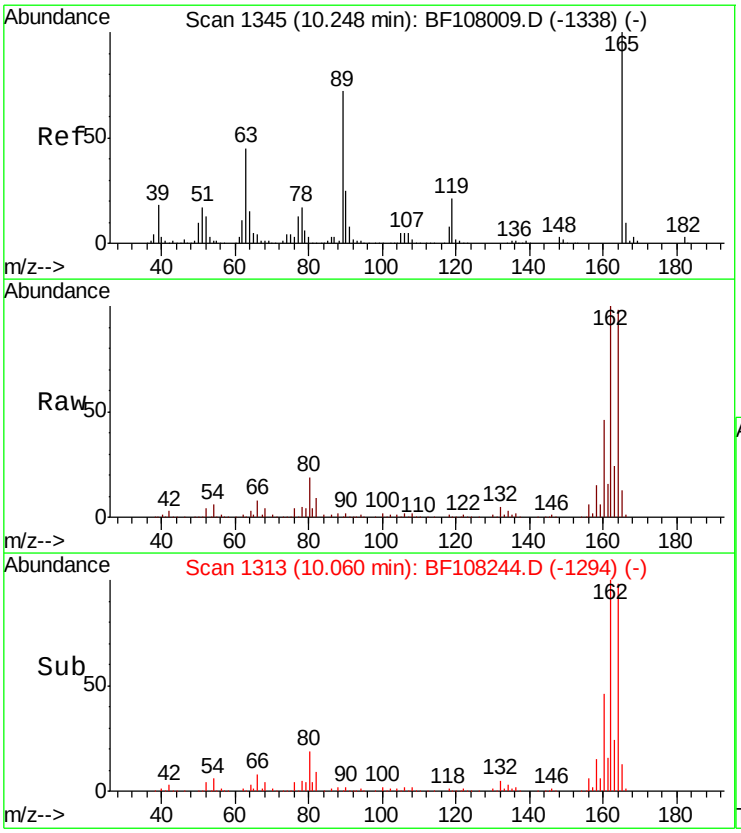
#50
2,6-Dinitrotoluene
Concen: 8.680 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35026

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.5	44.0	66.0#

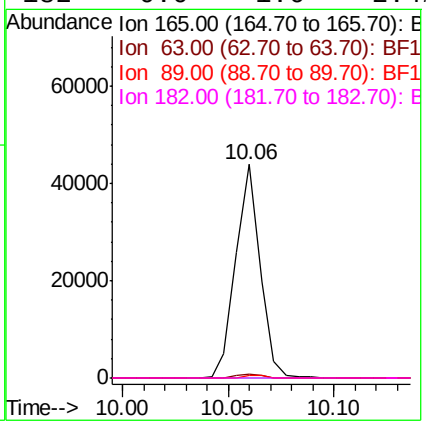


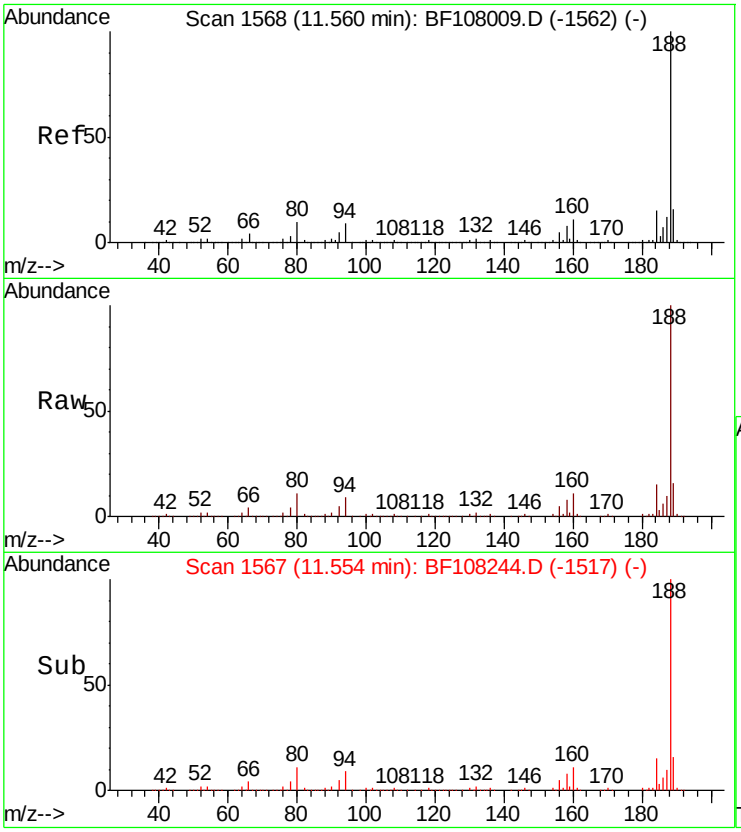


#56
2,4-Dinitrotoluene
Concen: 6.743 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion:165 Resp: 35026

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



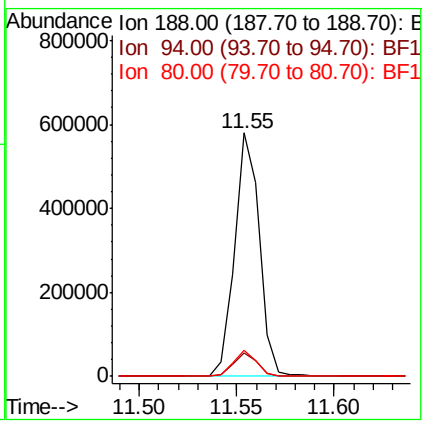


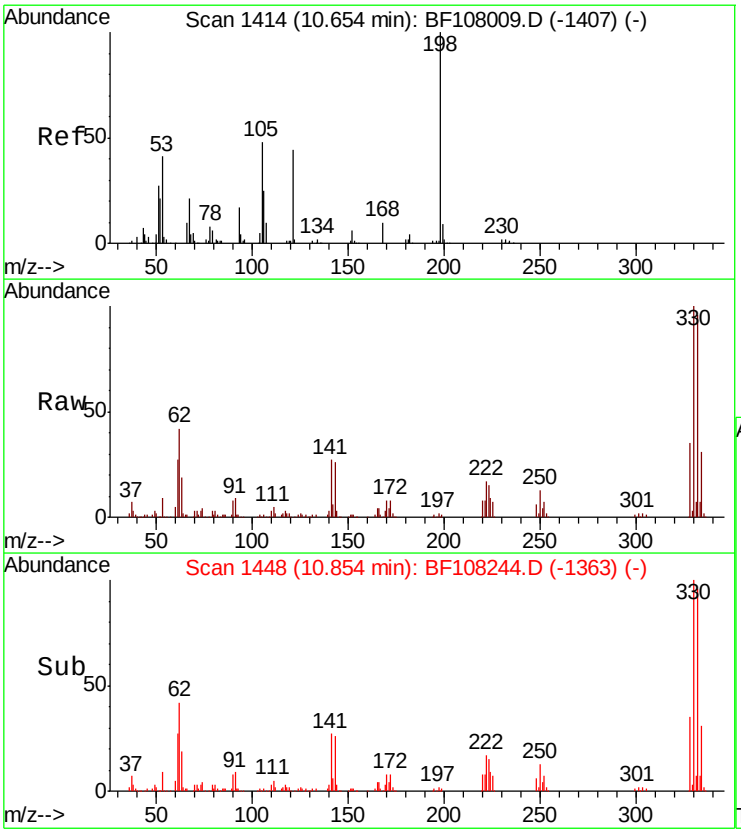
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 508622

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.7	9.2	13.8

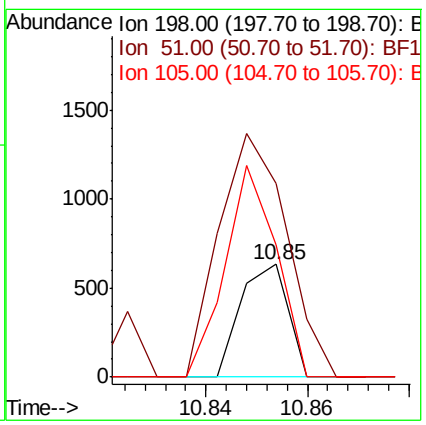


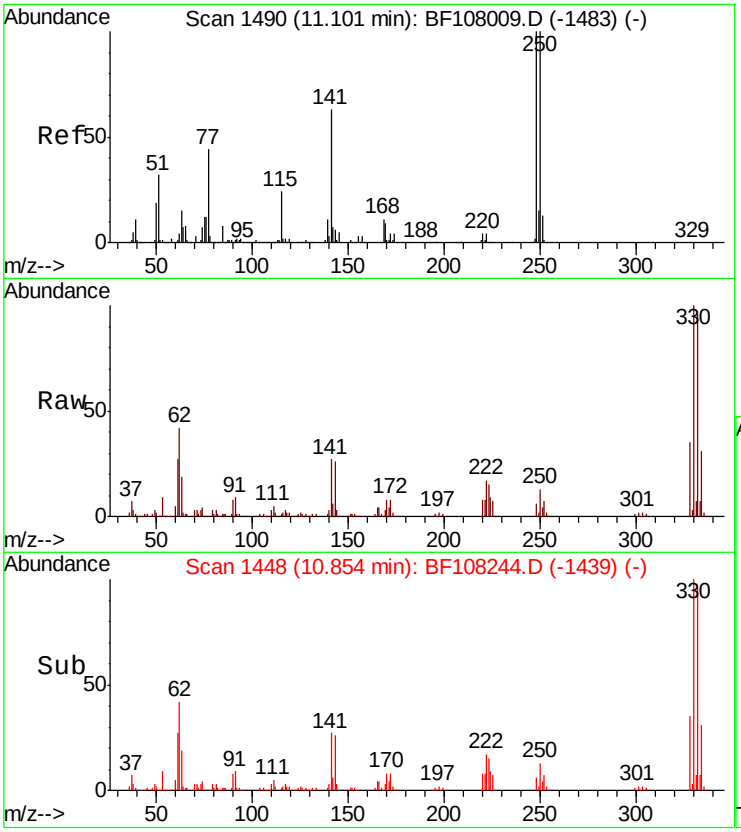


#64
4,6-Dinitro-2-methylphenol
Concen: 5.549 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion:198 Resp: 410

Ion	Ratio	Lower	Upper
198	100		
51	171.8	37.7	77.7#
105	116.7	36.3	76.3#



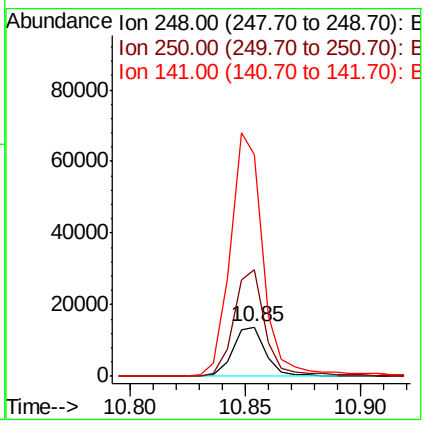


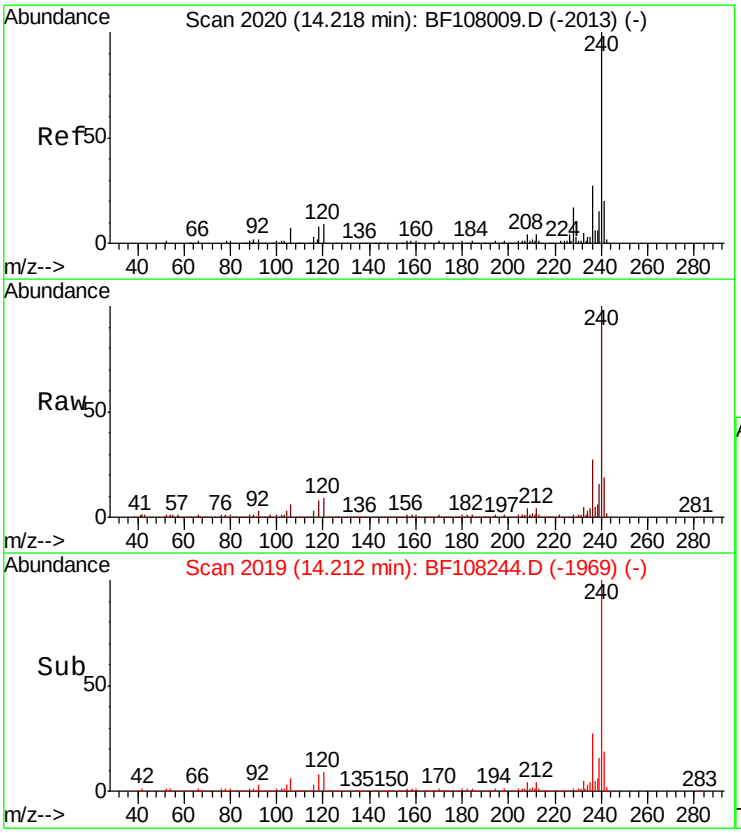
#66
4-Bromophenyl-phenylether
Concen: 2.451 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13548

Ion	Ratio	Lower	Upper
248	100		
250	215.9	76.9	115.3#
141	449.6	74.4	111.6#

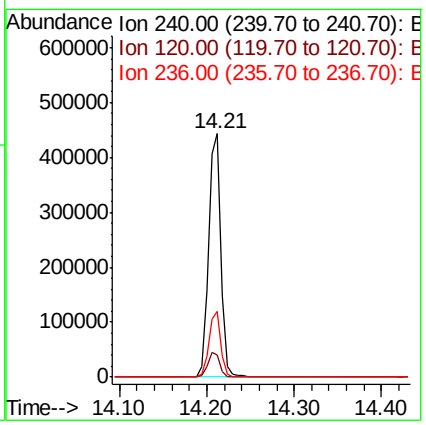


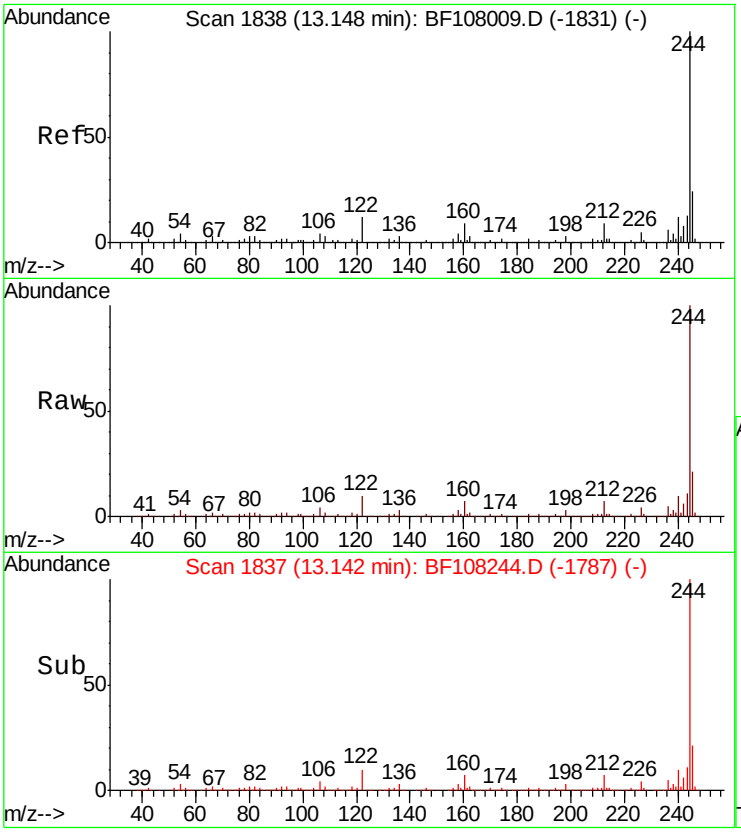


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion:240 Resp: 427938

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	26.8	20.7	31.1



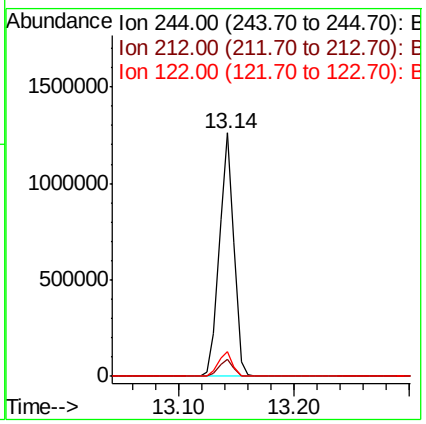


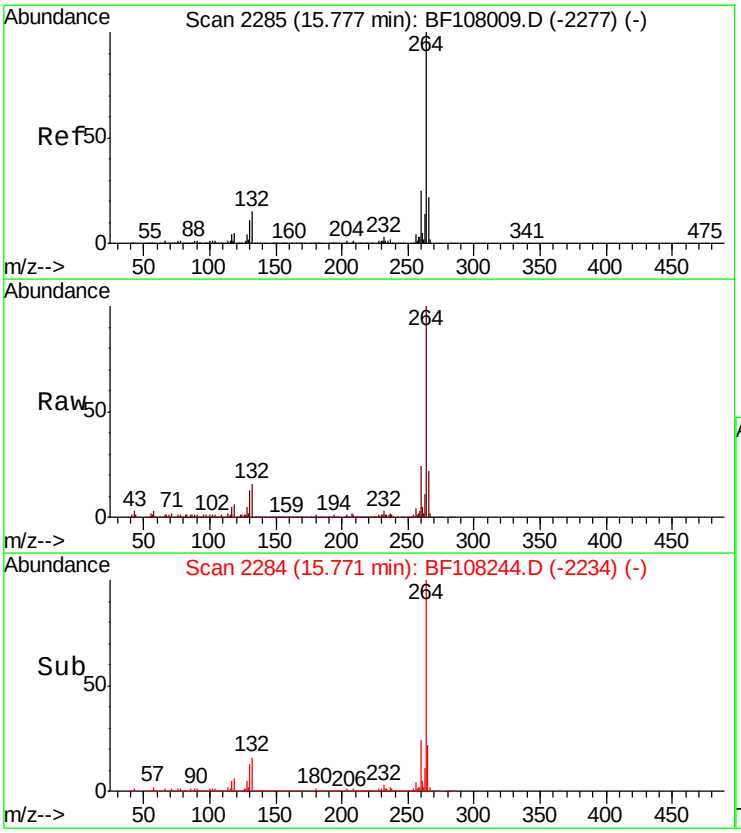
#78
Terphenyl-d14
Concen: 65.252 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1098245

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.2	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108244.D
Acq: 17 Aug 2018 15:42

Tgt Ion:264 Resp: 430079

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.5	26.3