Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108161.D
Acq On : 15 Aug 2018 13:10
Operator : JU/SJ
Sample : J4447-26RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 15 14:04:39 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	7.02	152	177969	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	664829	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	330255	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	578536	20.00	ng		0.00
75) Chrysene-d12	14.21	240	456506	20.00	ng		0.00
86) Perylene-d12	15.78	264	483509	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	948354	96.47	ng		0.02
7) Phenol-d6	6.64	99	1279073	97.92	ng		0.00
23) Nitrobenzene-d5	7.58	82	843214	70.77	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	339166	102.96	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1559589	75.82	ng		0.00
78) Terphenyl-d14	13.15	244	1395844	77.74	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	115282	13.051	ng	#	84
25) Isophorone	7.58	82	843205	37.131	ng	#	64
32) Benzoic acid	7.97	122	122	5.993	ng	#	74
49) Dimethylphthalate	9.77	163	188392	8.189	ng		99
56) 2,4-Dinitrotoluene	10.06	165	42072	6.791	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.85	198	678	5.636	ng	#	1
66) 4-Bromophenyl-phenylether	10.86	248	22902	3.643	ng	#	1

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

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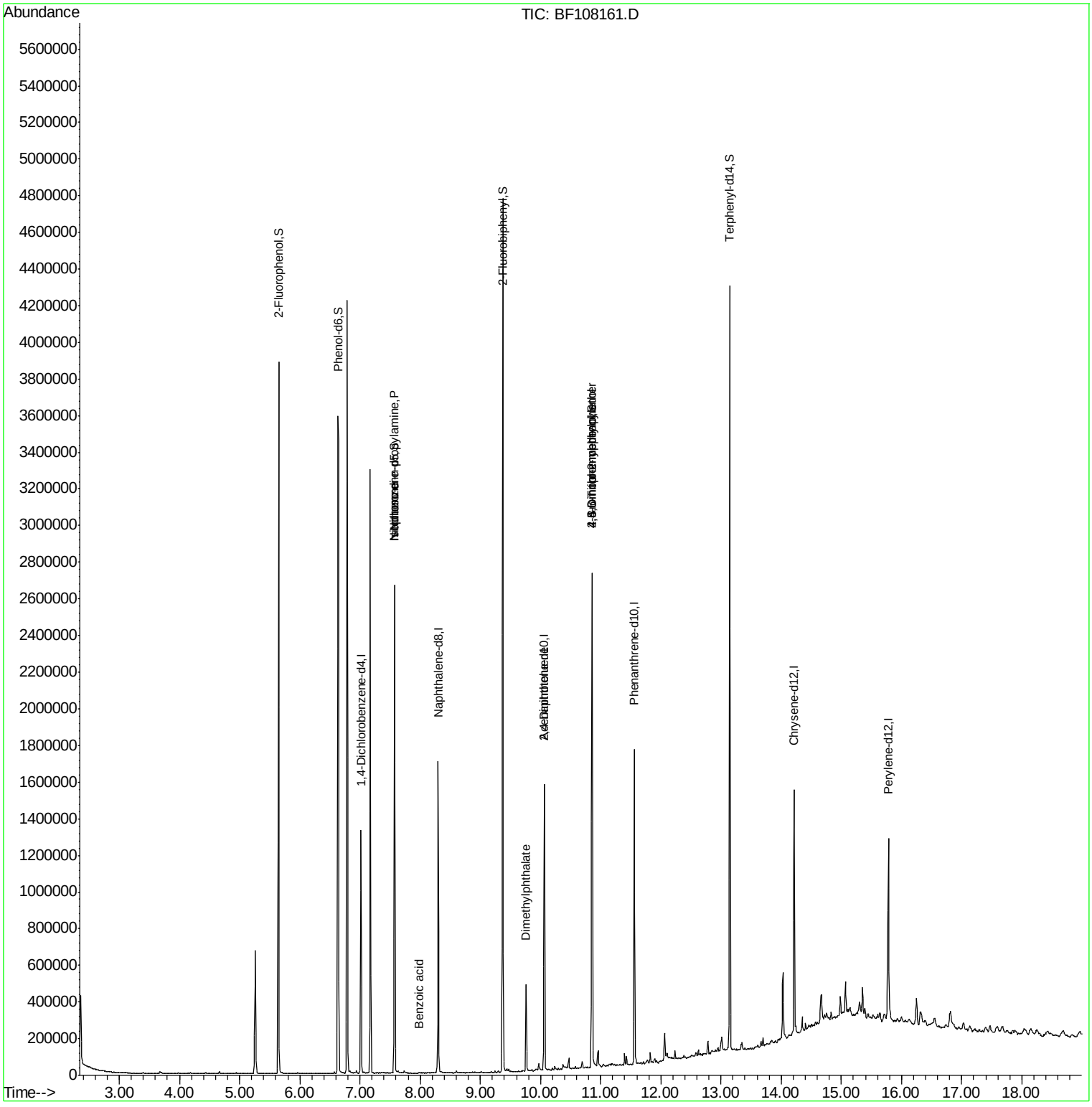
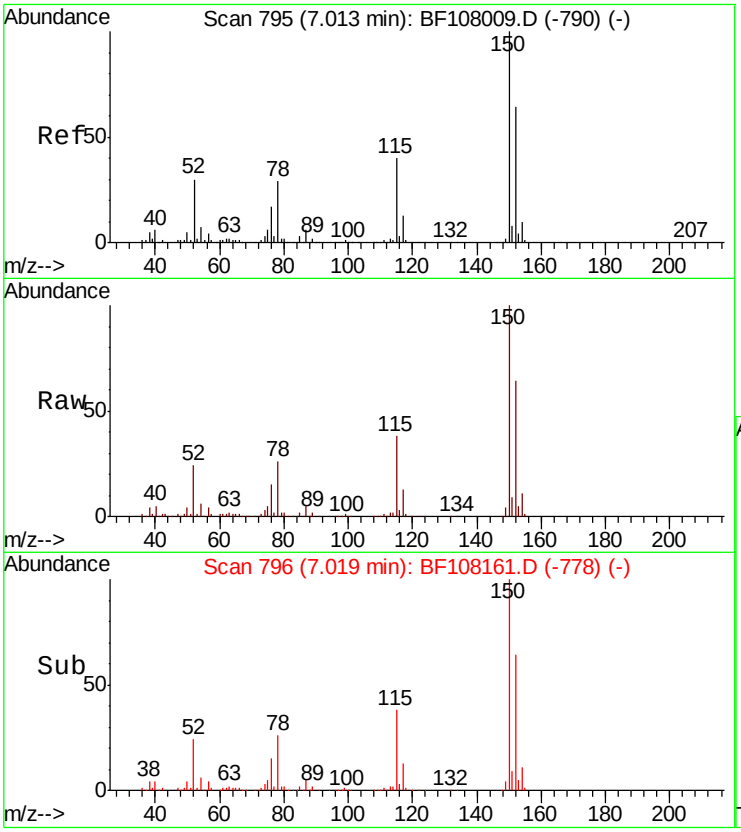


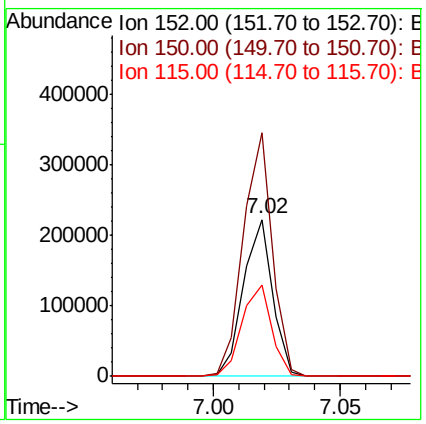


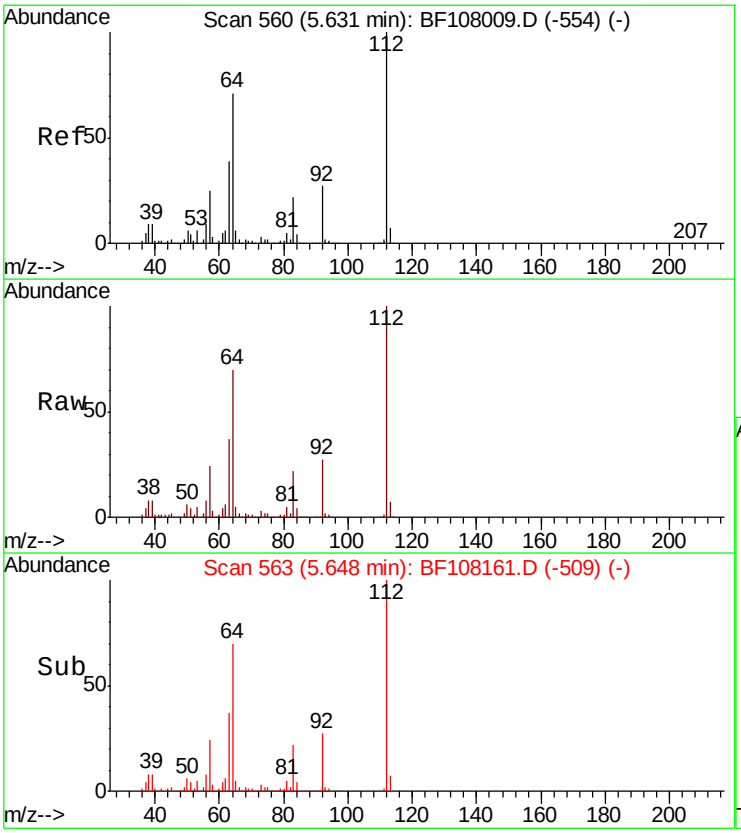
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 177969

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	58.4	50.1	75.1

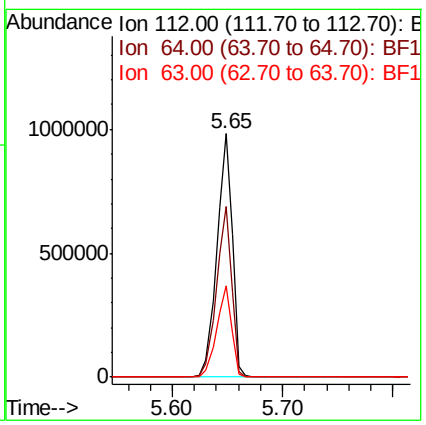


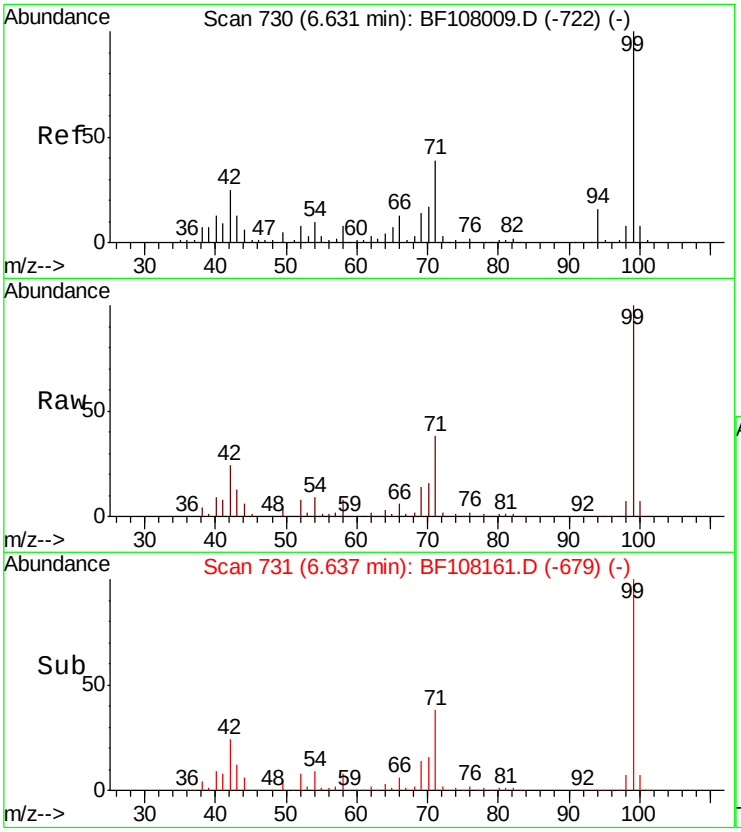


#5
2-Fluorophenol
Concen: 96.475 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Tgt Ion:112 Resp: 948354

Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	37.4	23.7	35.5#



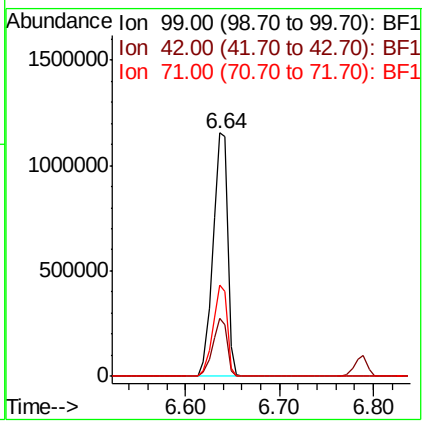


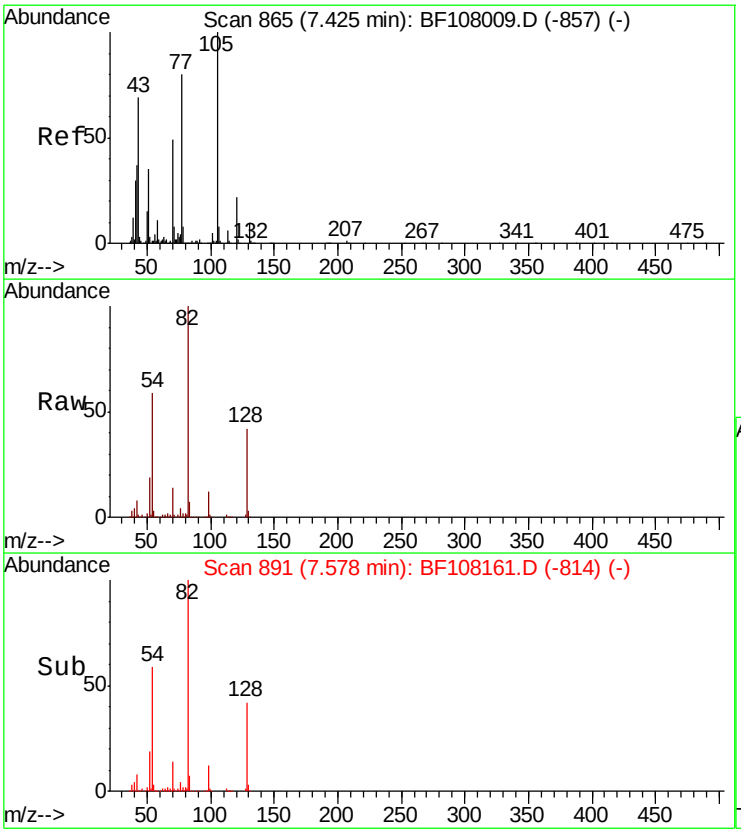
#7
Phenol-d6
Concen: 97.917 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1279073

Ion	Ratio	Lower	Upper
99	100		
42	23.8	14.5	21.7#
71	37.7	25.4	38.0

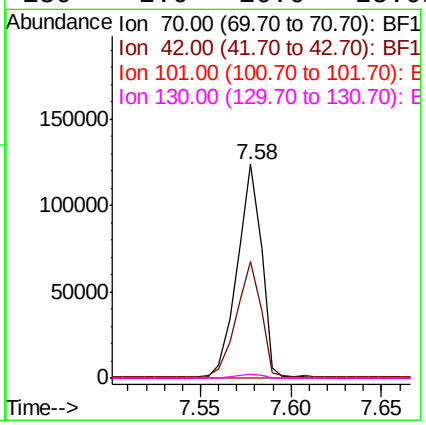


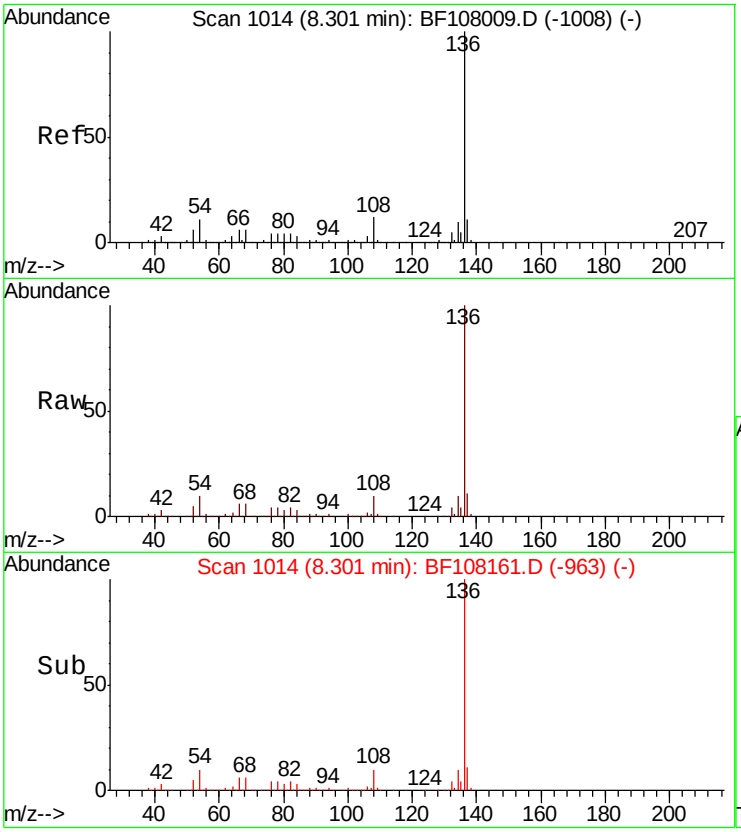


#19
n-Nitroso-di-n-propylamine
Concen: 13.051 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Tgt Ion: 70 Resp: 115282

Ion	Ratio	Lower	Upper
70	100		
42	54.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



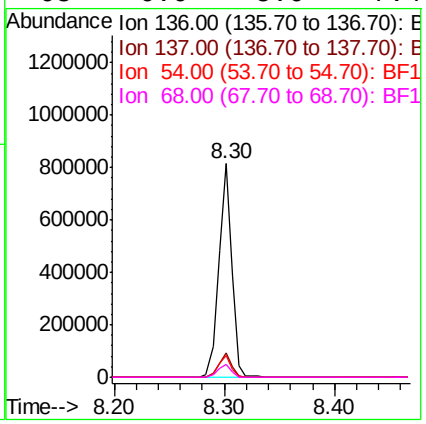


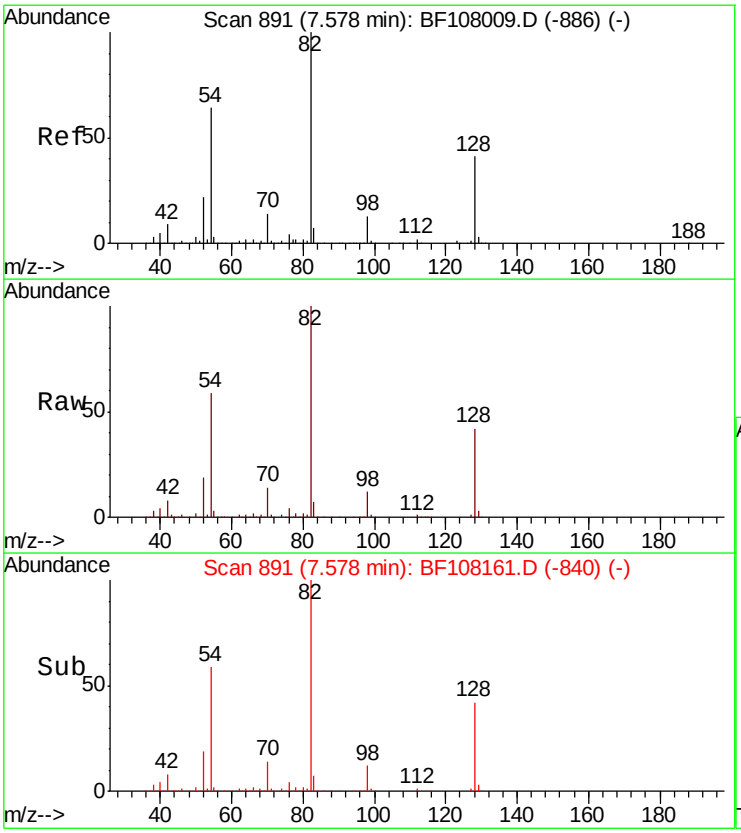
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 664829

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.0	6.6	9.8#
68	6.0	5.0	7.4

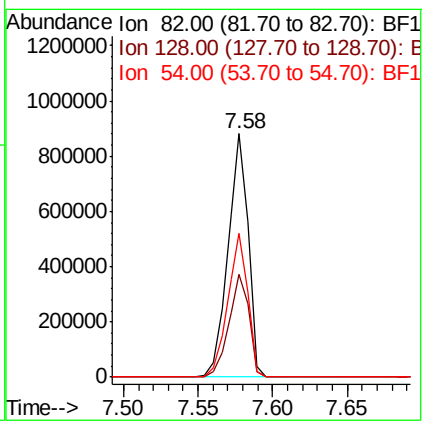


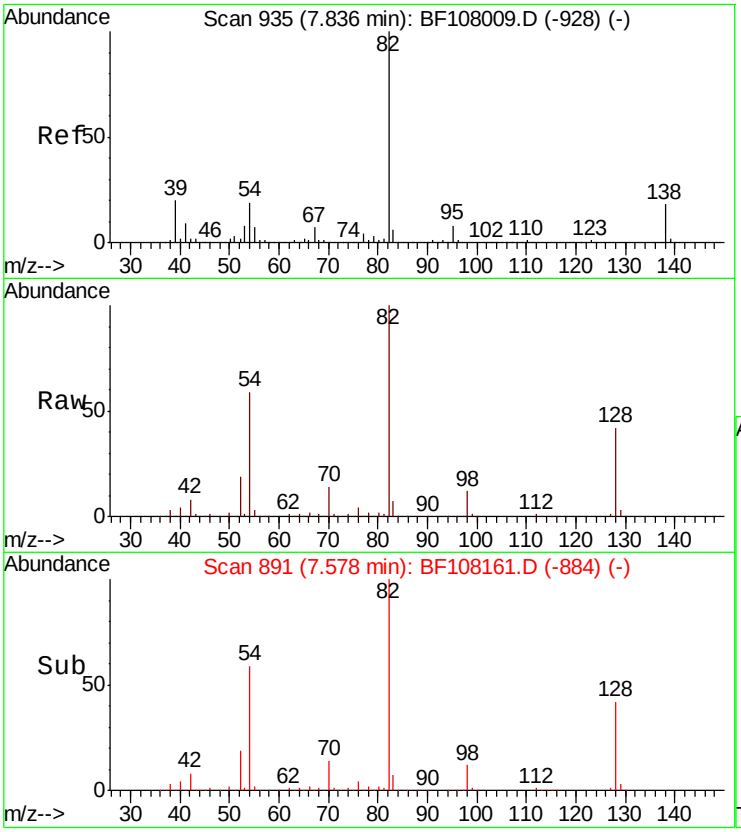


#23
Nitrobenzene-d5
Concen: 70.774 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Tgt Ion: 82 Resp: 843214

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	59.1	41.4	62.2



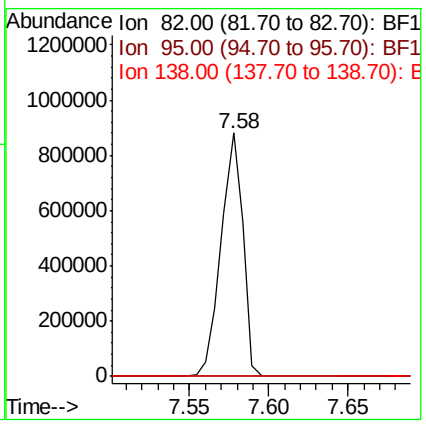


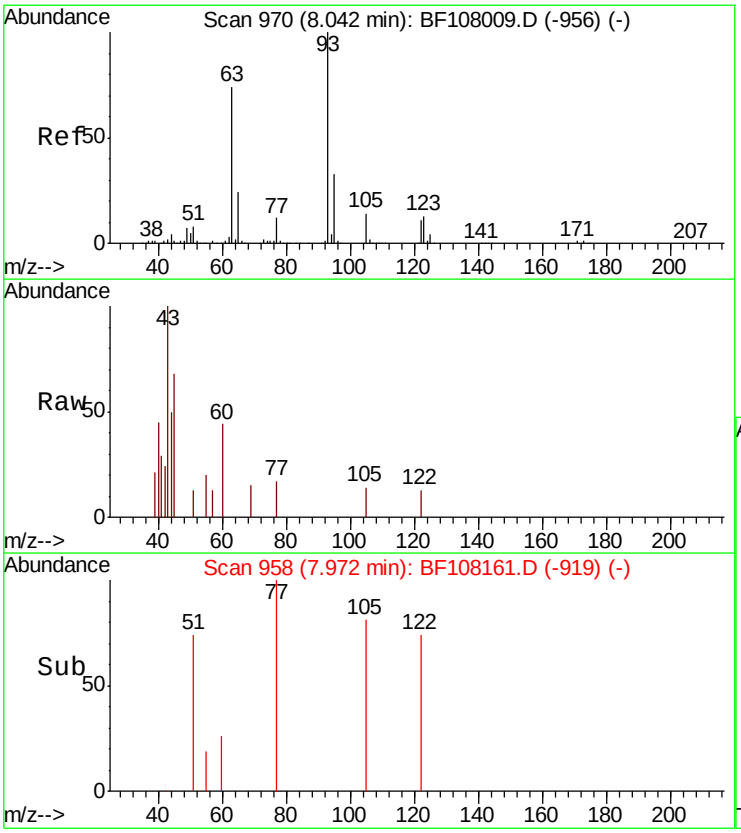
#25
Isophorone
Concen: 37.131 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 843205

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

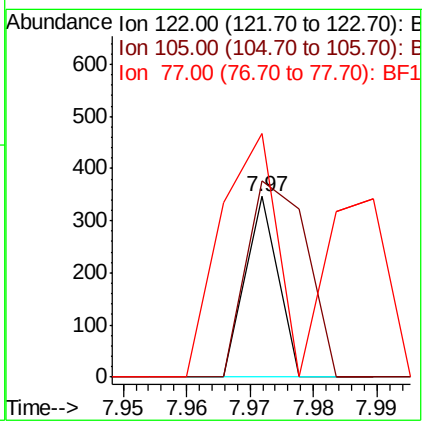


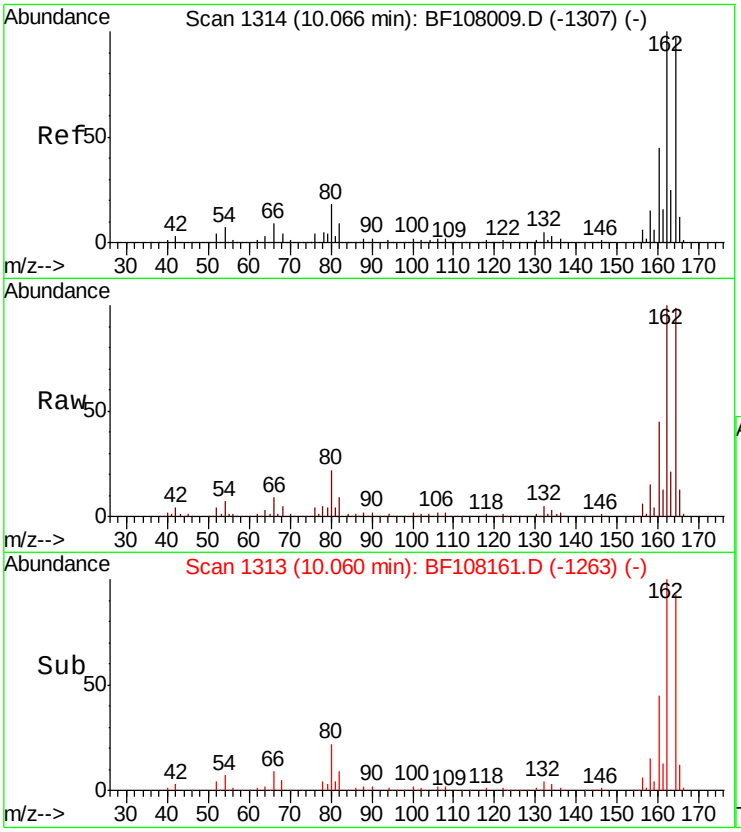


#32
Benzoic acid
Concen: 5.993 ng
RT: 7.97 min Scan# 958
Delta R.T. -0.07 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Tgt Ion:122 Resp: 122

Ion	Ratio	Lower	Upper
122	100		
105	109.0	101.1	141.1
77	135.0	70.7	110.7#



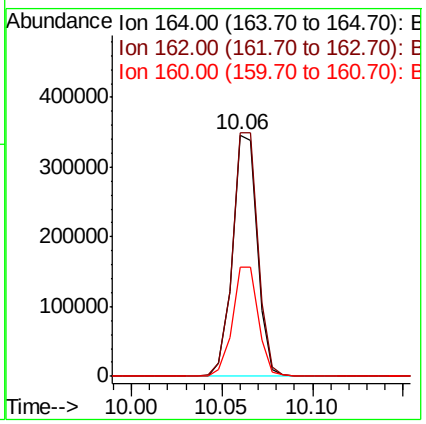


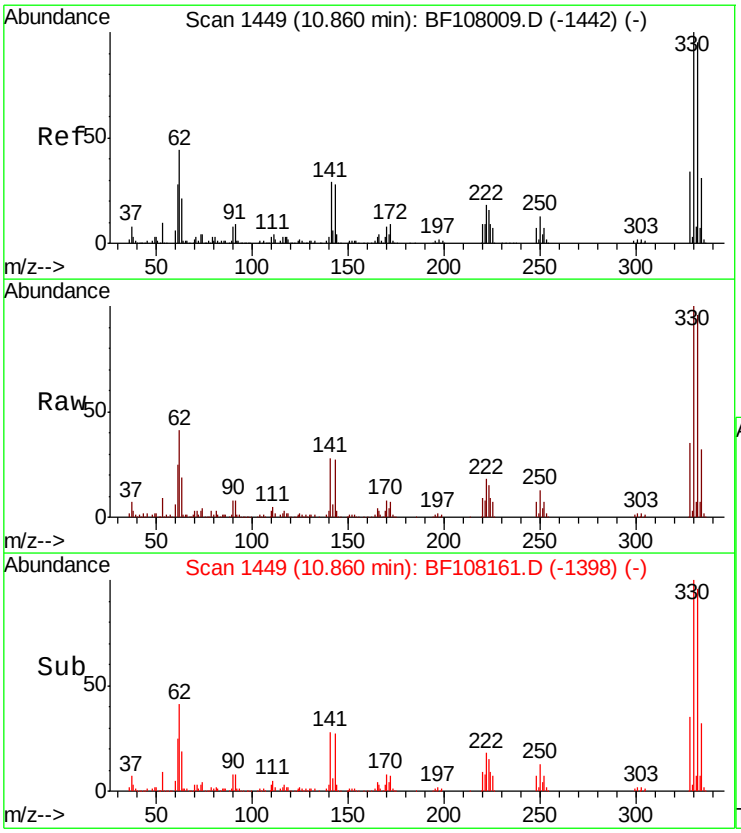
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 330255

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.1	38.3	57.5

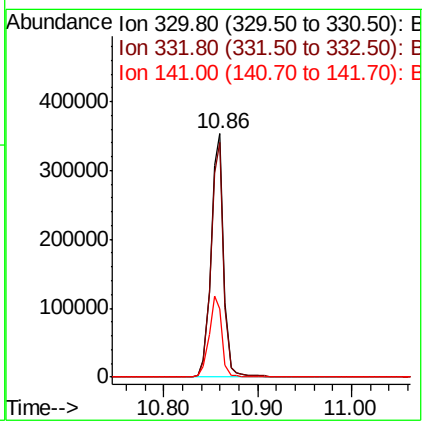


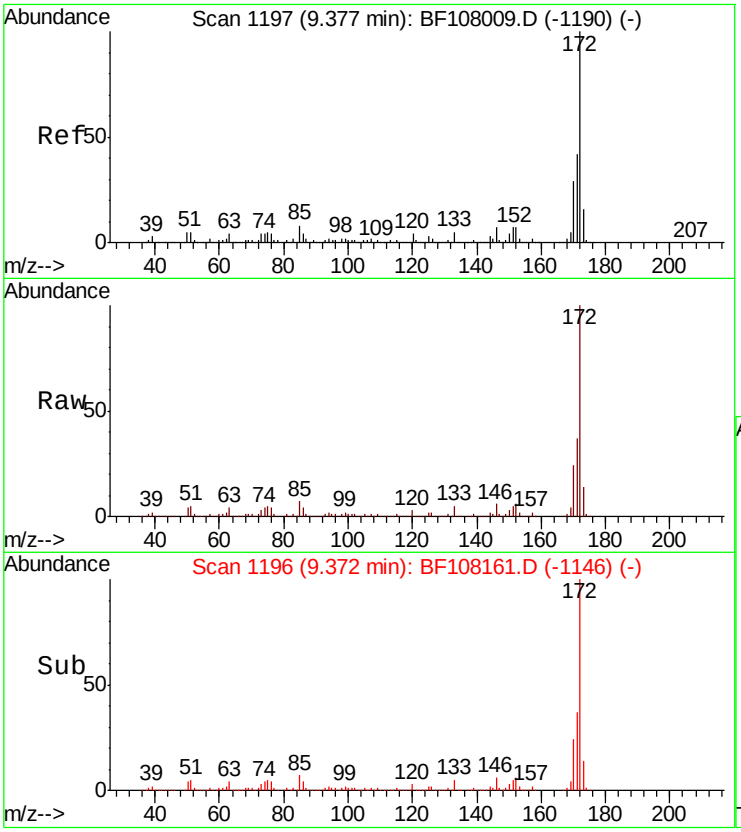


#41
2,4,6-Tribromophenol
Concen: 102.958 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Tgt Ion:330 Resp: 339166

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.7	29.9	44.9



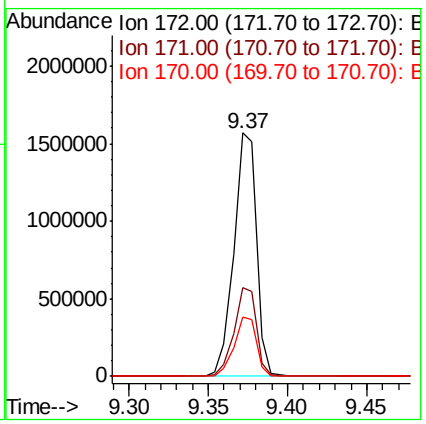


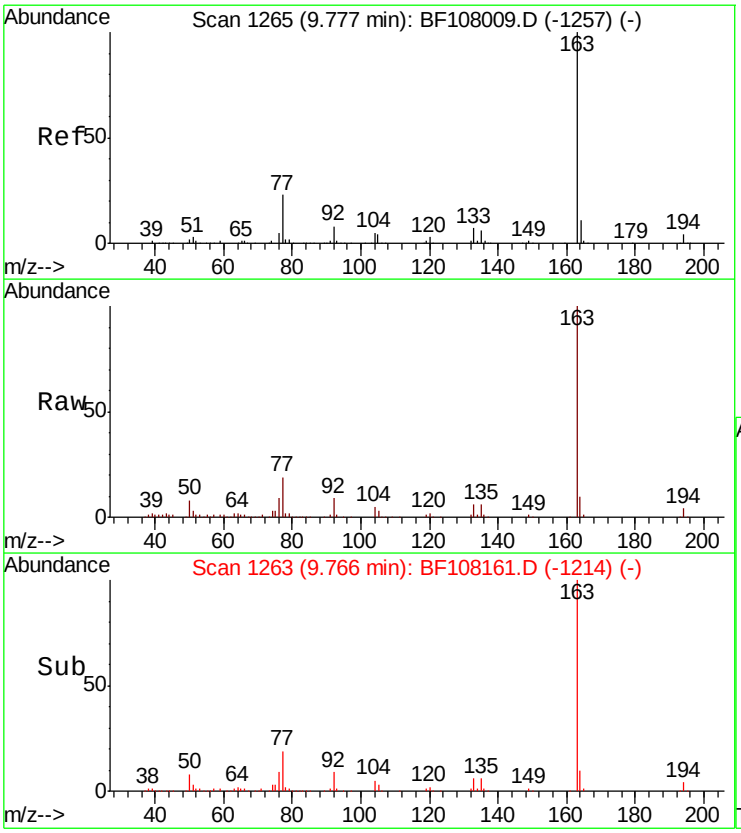
#44
2-Fluorobiphenyl
Concen: 75.816 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1559589

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

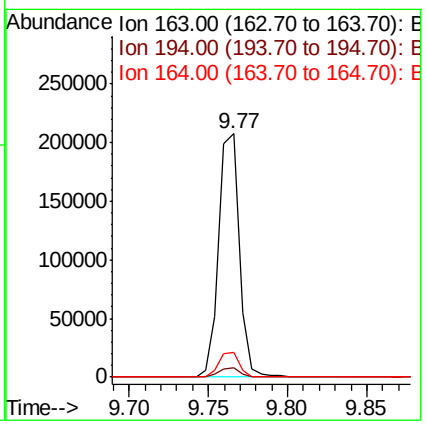


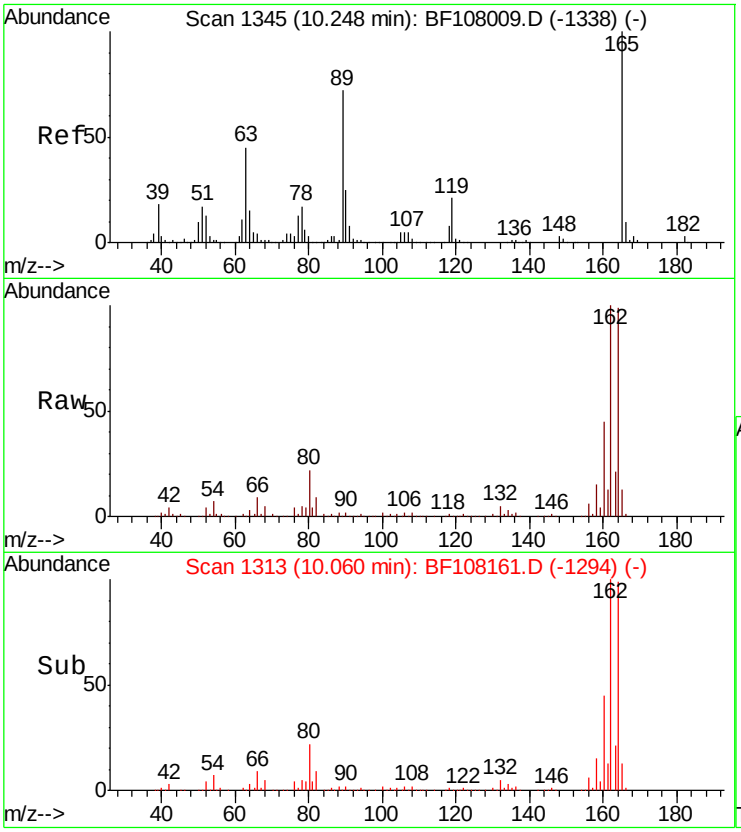


#49
Dimethylphthalate
Concen: 8.189 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Tgt Ion:163 Resp: 188392

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.9	8.2	12.2



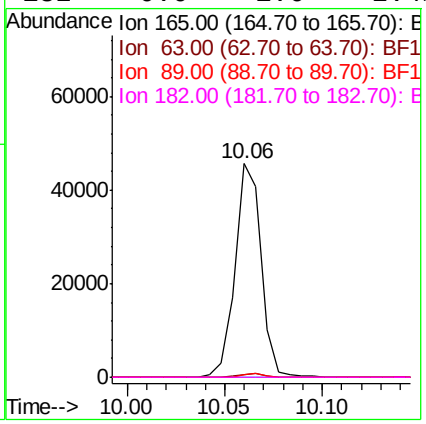


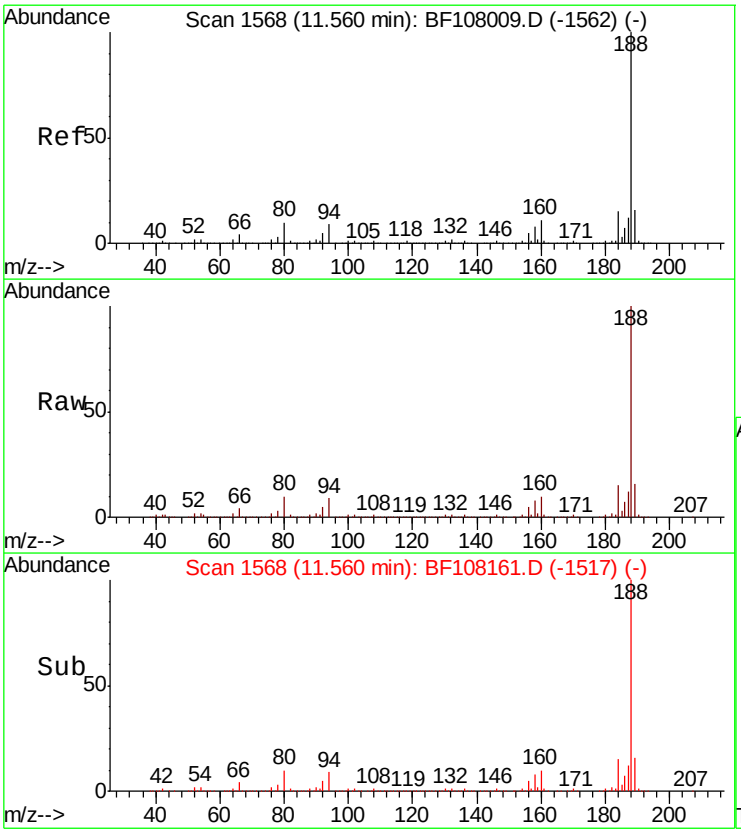
#56
2,4-Dinitrotoluene
Concen: 6.791 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42072

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

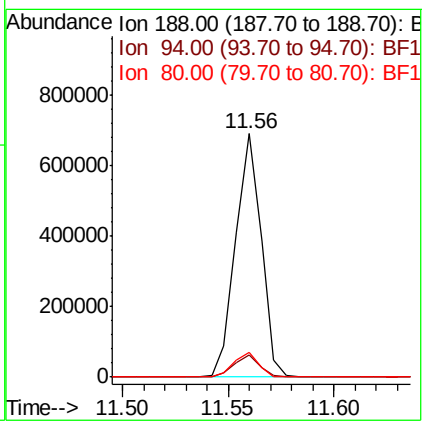


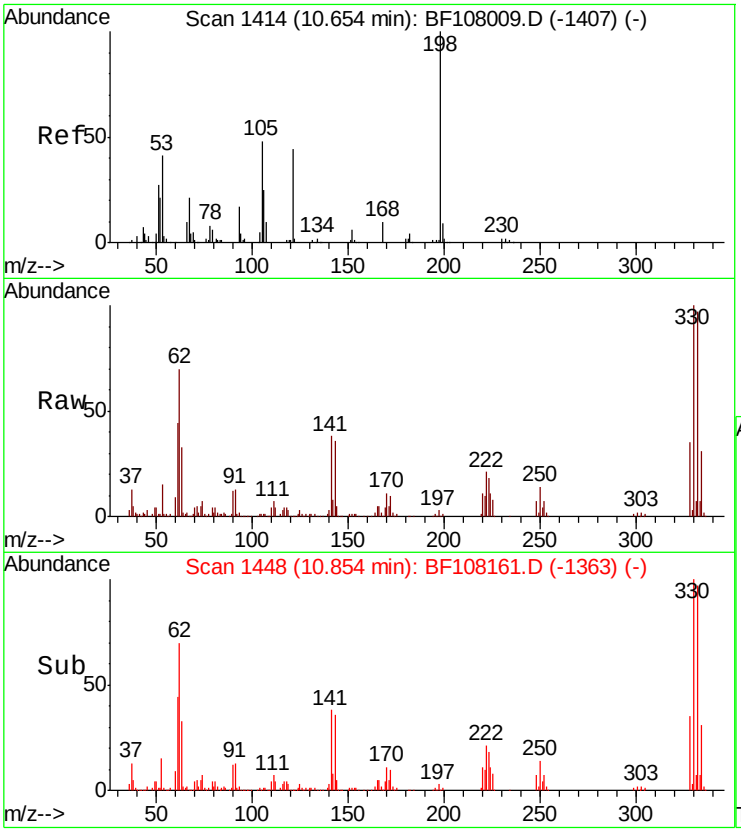


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Tgt Ion:188 Resp: 578536

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.1	9.2	13.8



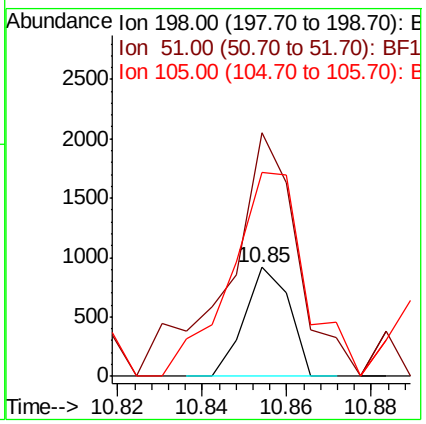


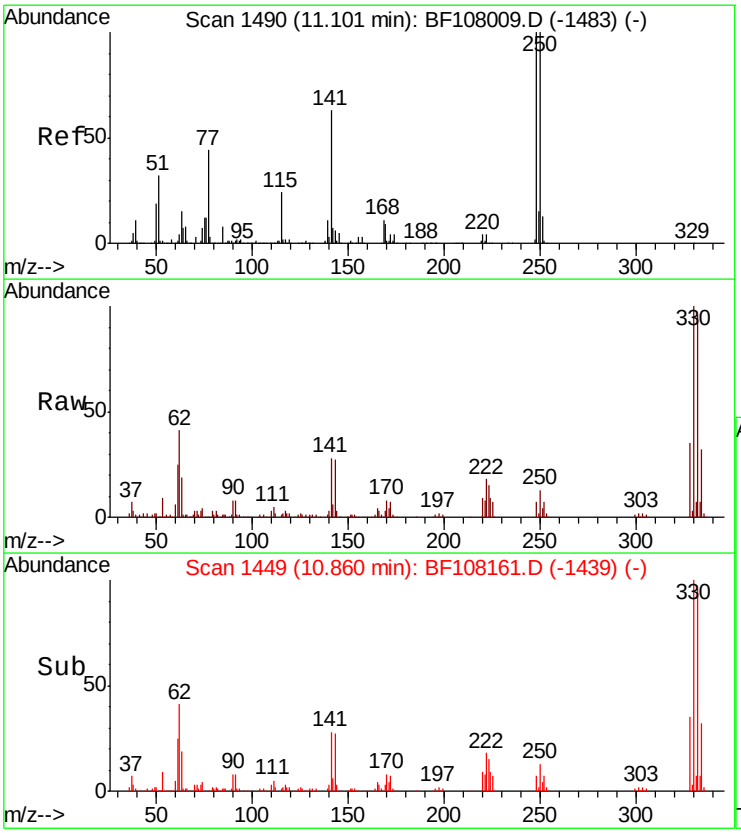
#64
4,6-Dinitro-2-methylphenol
Concen: 5.636 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 678

Ion	Ratio	Lower	Upper
198	100		
51	223.6	37.7	77.7#
105	187.5	36.3	76.3#

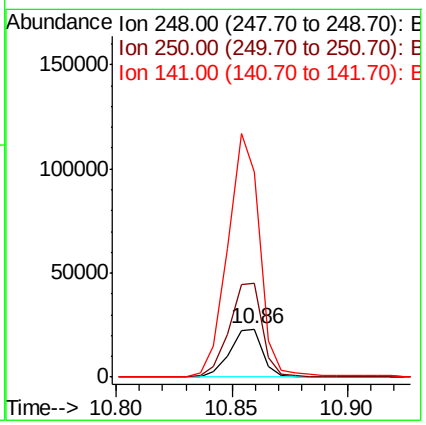


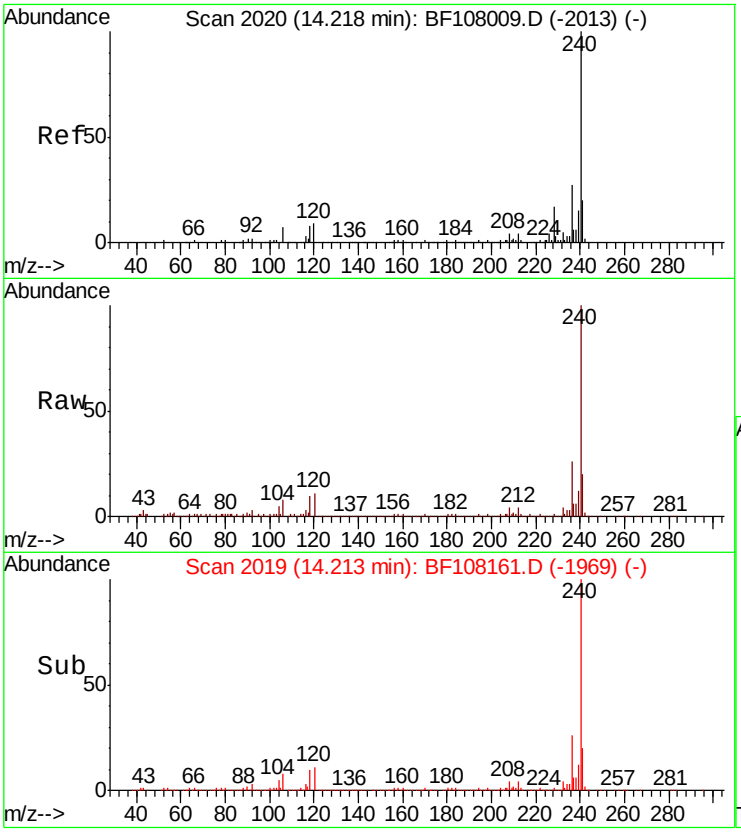


#66
4-Bromophenyl-phenylether
Concen: 3.643 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Tgt Ion:248 Resp: 22902

Ion	Ratio	Lower	Upper
248	100		
250	194.8	76.9	115.3#
141	429.5	74.4	111.6#



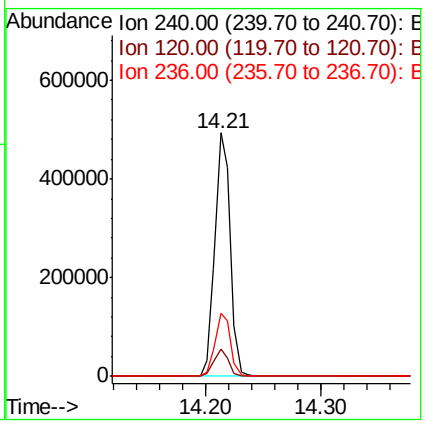


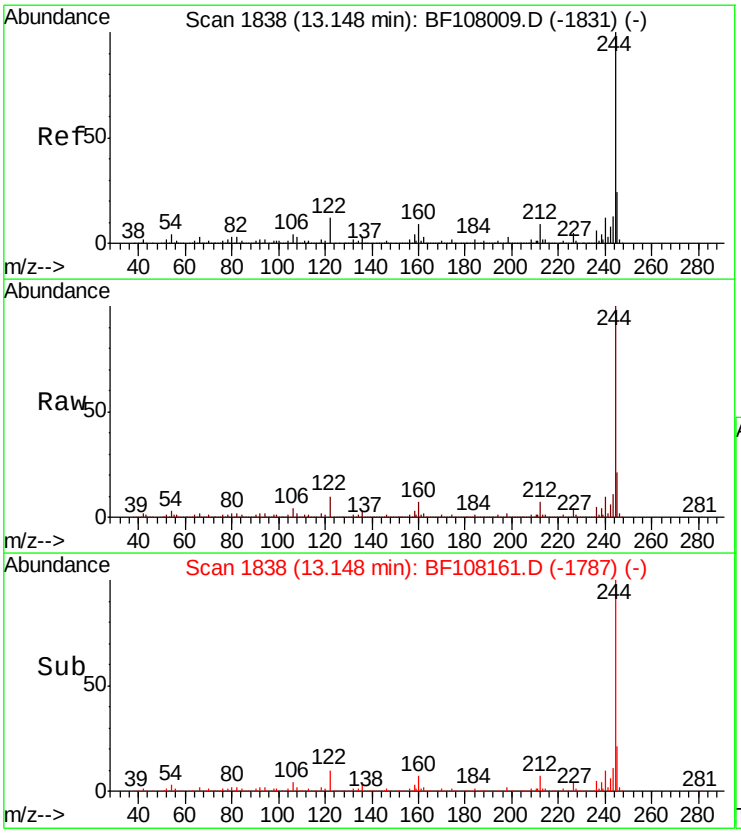
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 456506

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.9	20.7	31.1

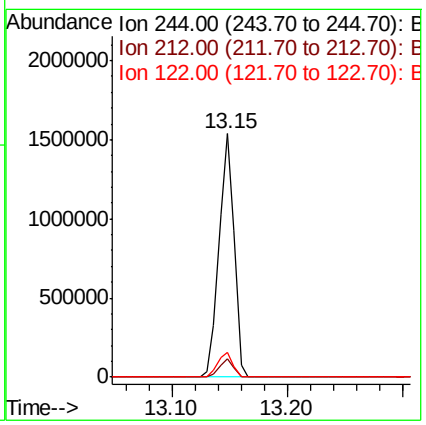


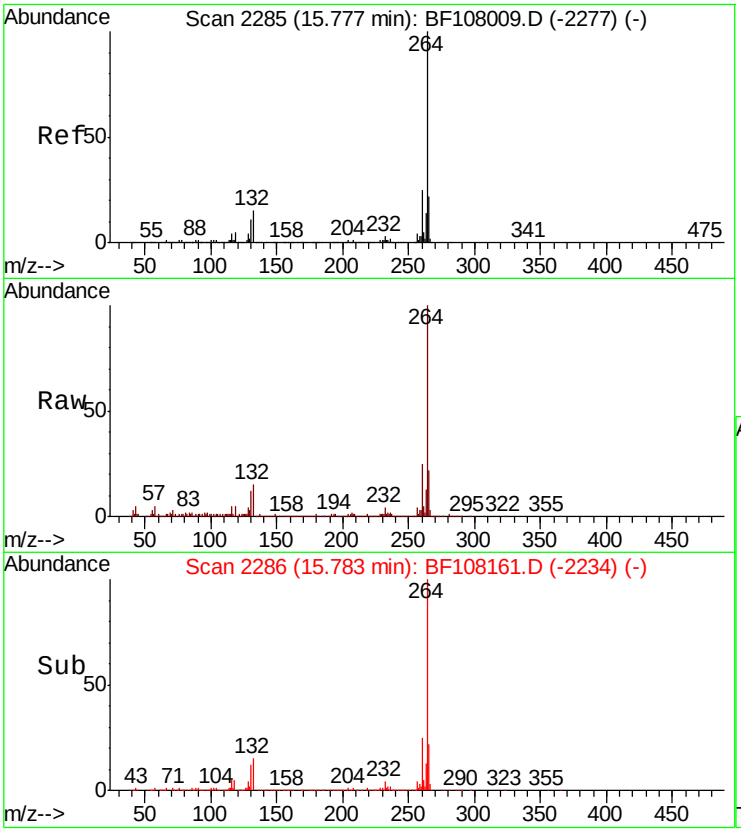


#78
Terphenyl-d14
Concen: 77.743 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Tgt Ion:244 Resp: 1395844

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.0	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108161.D
Acq: 15 Aug 2018 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 483509

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.8	17.5	26.3