Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
Data File : BF108179.D
Acq On : 15 Aug 2018 21:34
Operator : JU/SJ
Sample : J4460-01RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-080918-FL-001

Quant Time: Aug 16 01:52:38 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	224561	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	861580	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	415482	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	662219	20.00	ng	0.00
75) Chrysene-d12	14.21	240	475887	20.00	ng	-0.01
86) Perylene-d12	15.77	264	476508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	784328	63.23	ng	0.01
7) Phenol-d6	6.63	99	1056759	64.11	ng	0.00
23) Nitrobenzene-d5	7.58	82	689122	44.63	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	195751	47.23	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1233998	47.68	ng	0.00
78) Terphenyl-d14	13.14	244	860510	45.98	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	92157	8.268	ng	# 82
25) Isophorone	7.58	82	686359	23.322	ng	# 64
49) Dimethylphthalate	9.76	163	121086	4.184	ng	99
50) 2,6-Dinitrotoluene	10.06	165	53657	8.861	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	53657	6.884	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	334	5.478	ng	# 1

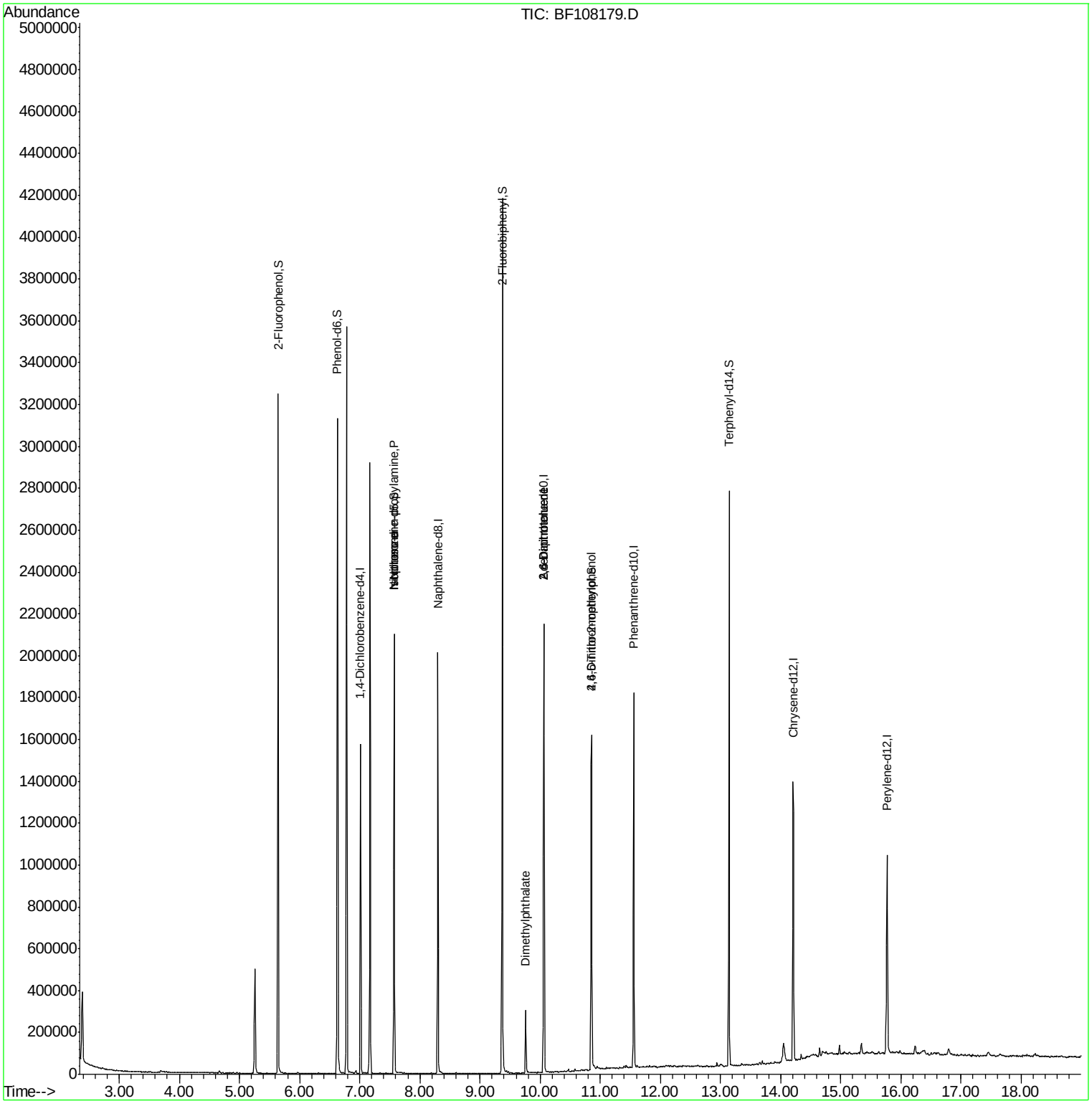
(#) = qualifier out of range (m) = manual integration (+) = signals summed

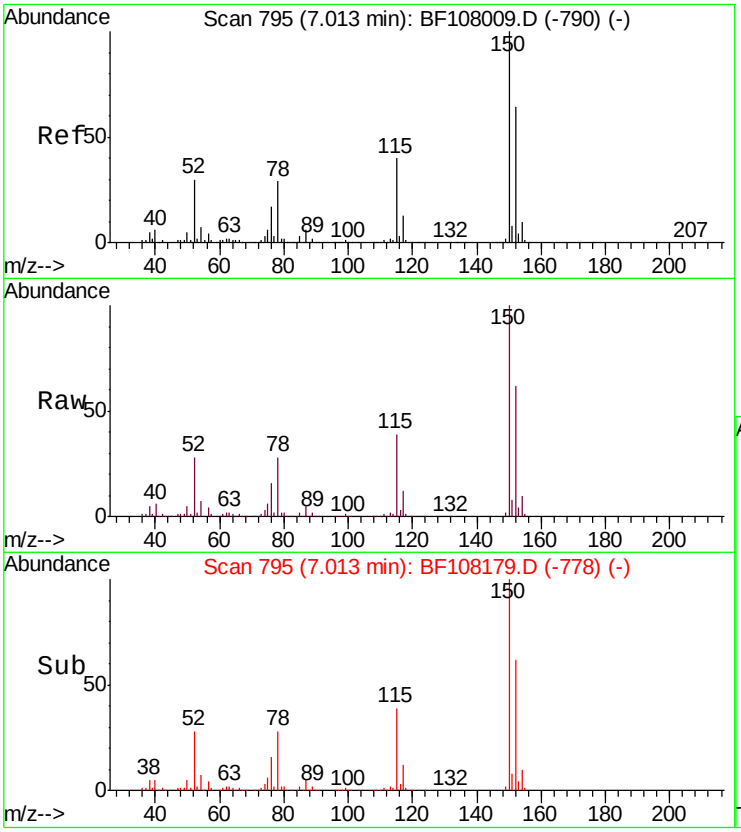
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
Data File : BF108179.D
Acq On : 15 Aug 2018 21:34
Operator : JU/SJ
Sample : J4460-01RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Quant Time: Aug 16 01:52:38 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



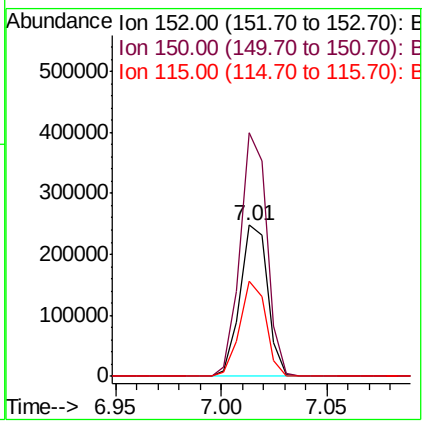


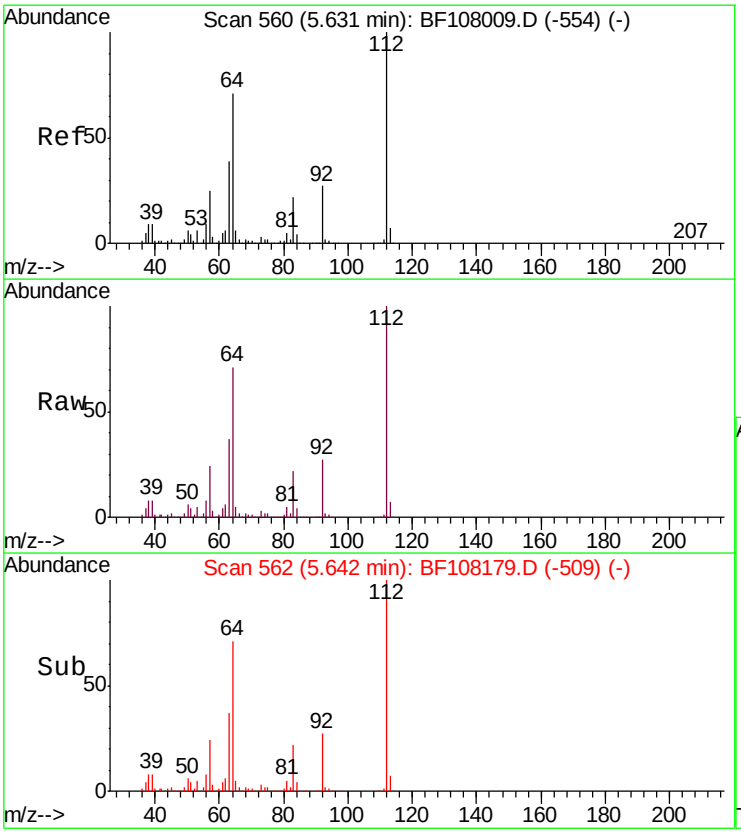
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tgt Ion:152 Resp: 224561

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	62.9	50.1	75.1

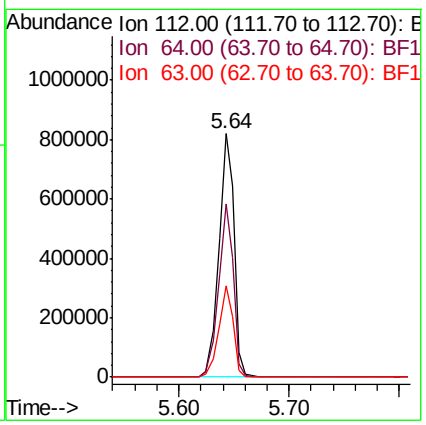


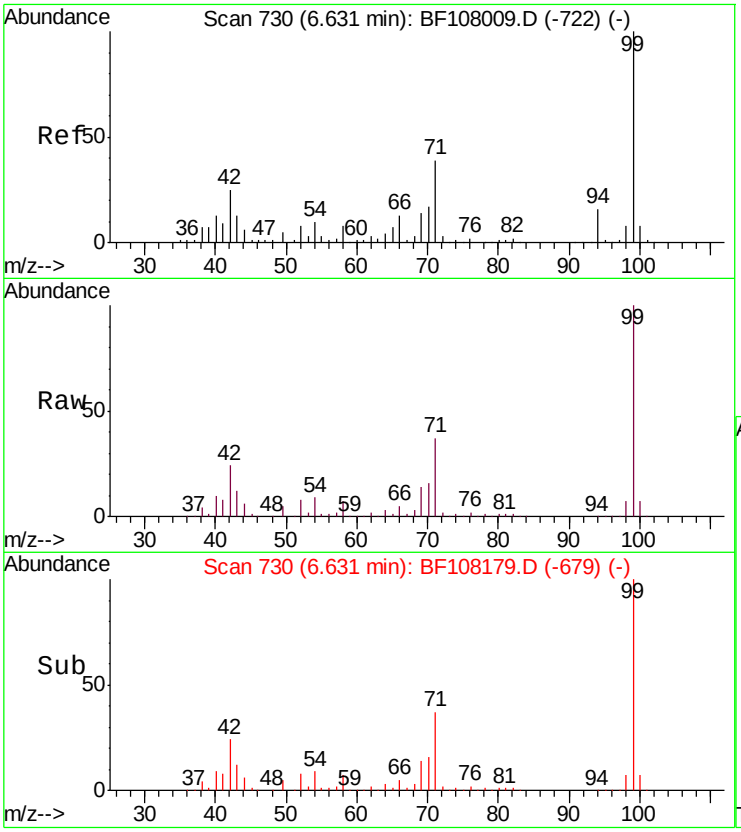


#5
2-Fluorophenol
Concen: 63.234 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion:112 Resp: 784328

Ion	Ratio	Lower	Upper
112	100		
64	71.1	47.9	71.9
63	37.5	23.7	35.5#



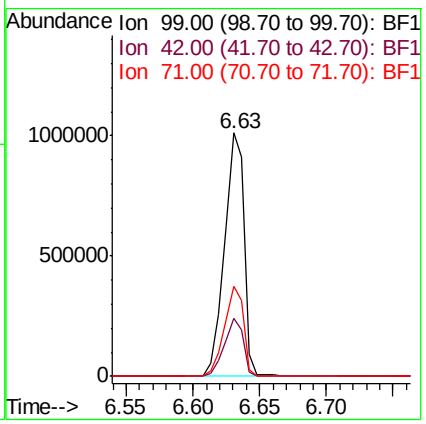


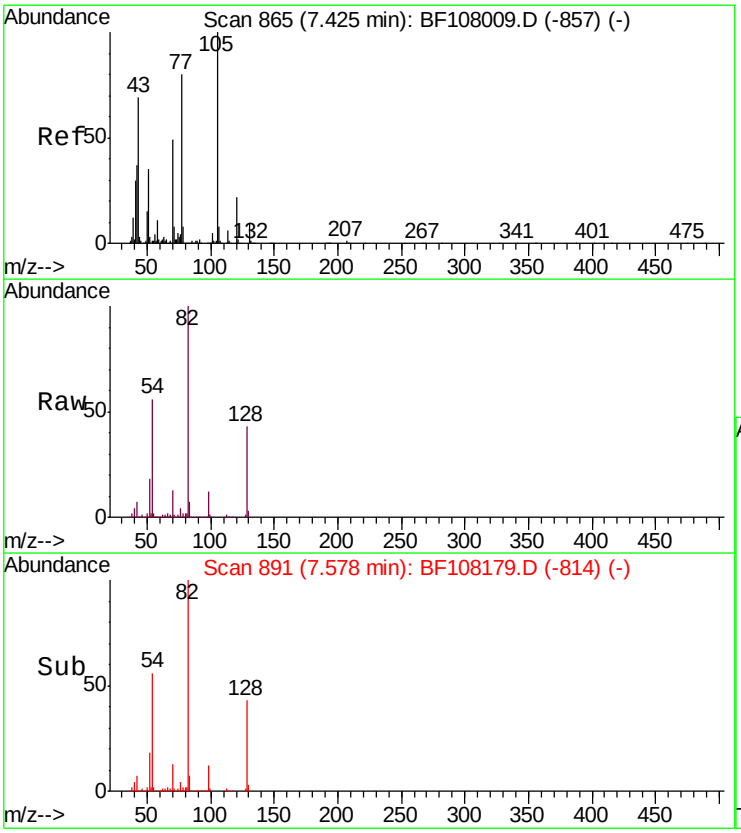
#7
Phenol-d6
Concen: 64.113 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tgt Ion: 99 Resp: 1056759

Ion	Ratio	Lower	Upper
99	100		
42	24.1	14.5	21.7#
71	37.0	25.4	38.0

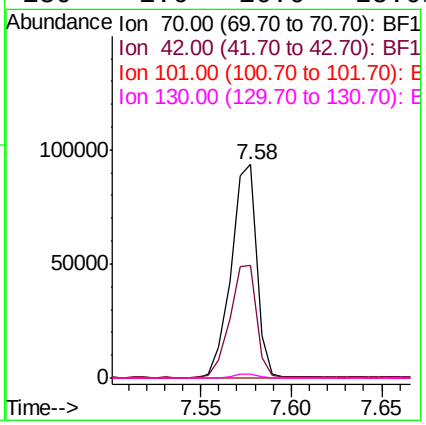


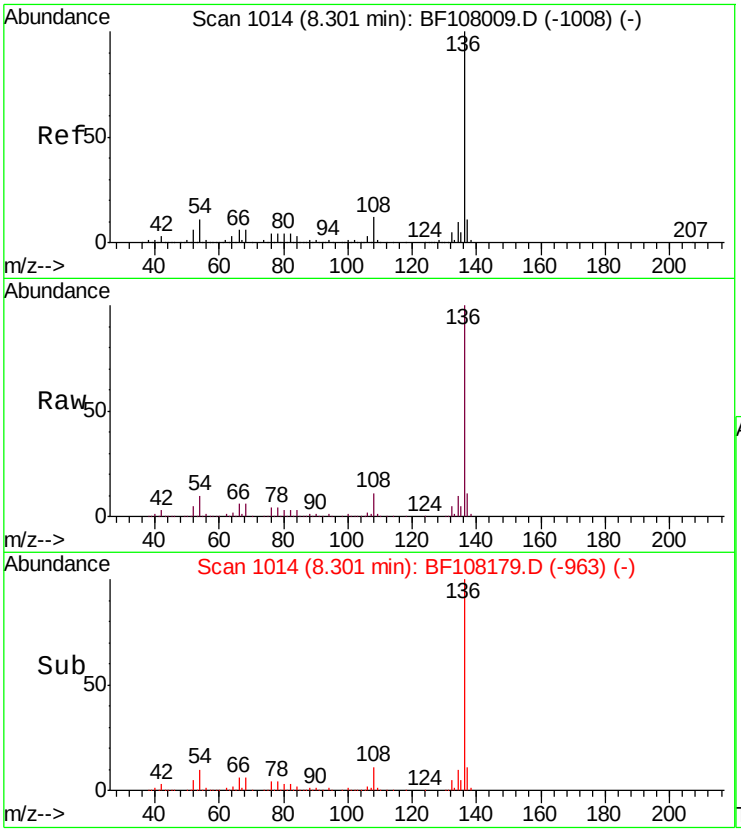


#19
n-Nitroso-di-n-propylamine
Concen: 8.268 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion: 70 Resp: 92157

Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#



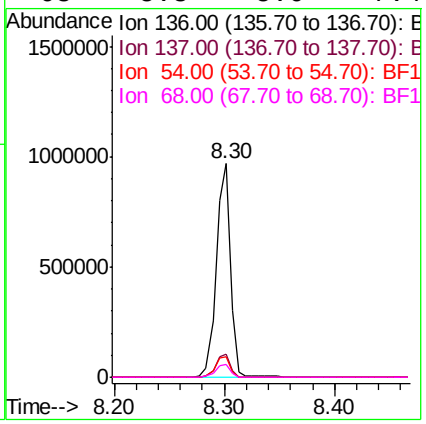


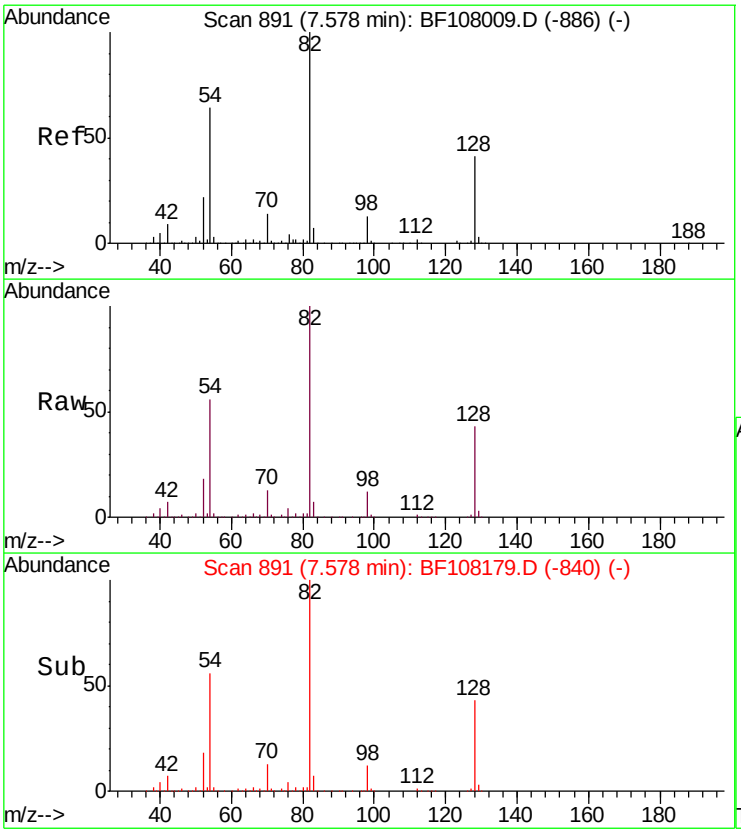
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tgt Ion:136 Resp: 861580

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.6	6.6	9.8
68	5.8	5.0	7.4

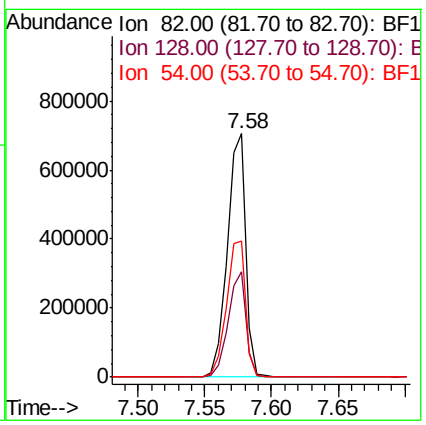


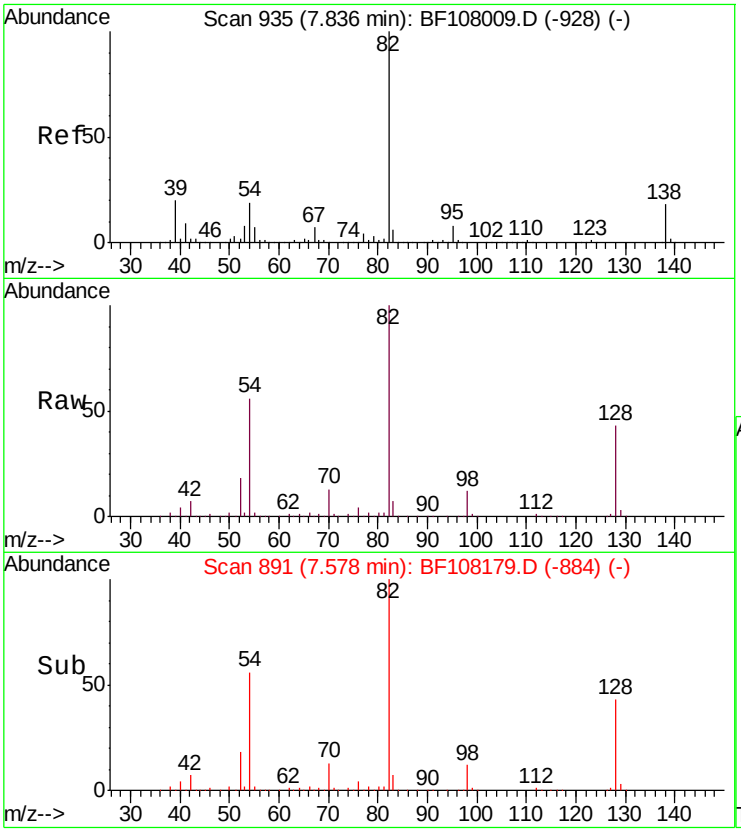


#23
Nitrobenzene-d5
Concen: 44.632 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion: 82 Resp: 689122

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	56.0	41.4	62.2



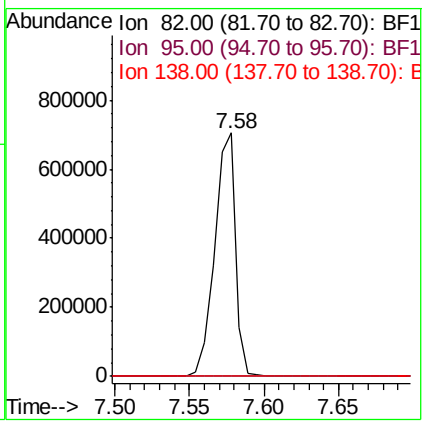


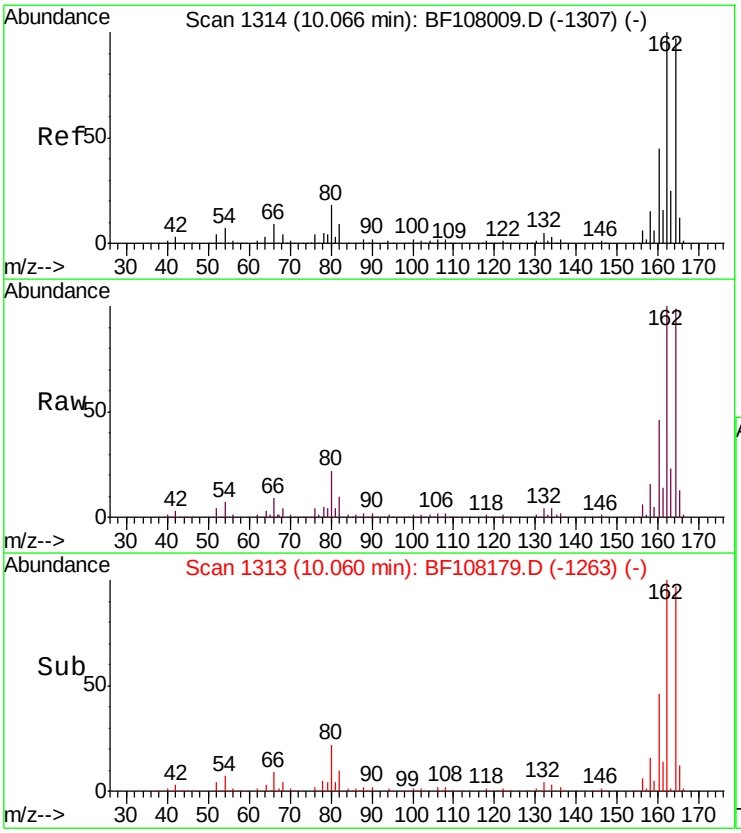
#25
Isophorone
Concen: 23.322 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tgt Ion: 82 Resp: 686359

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

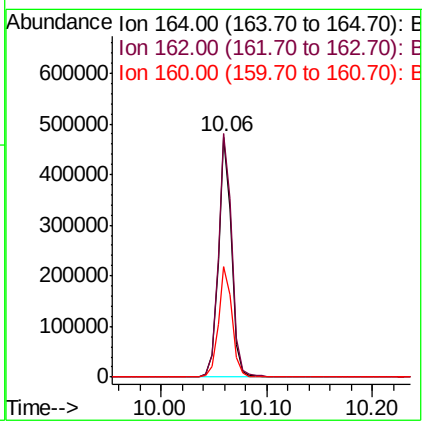


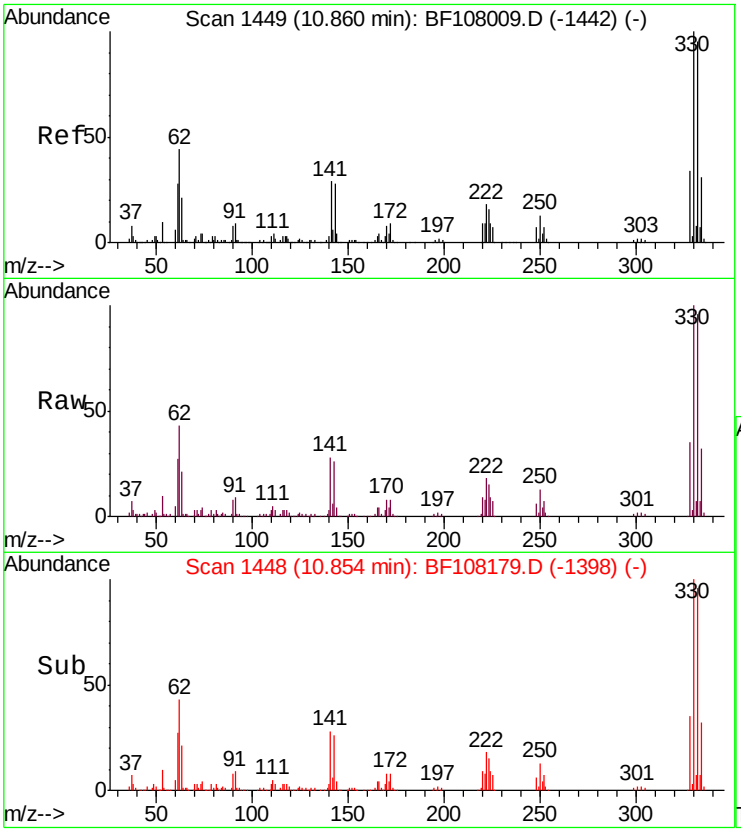


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion:164 Resp: 415482

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	46.2	38.3	57.5



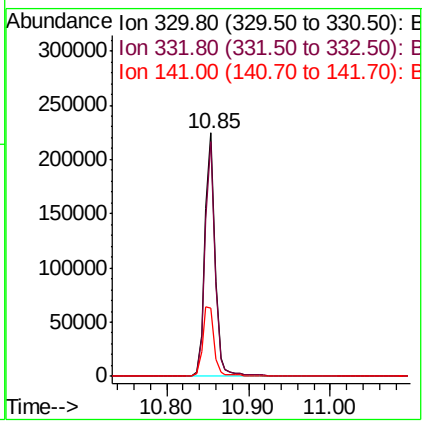


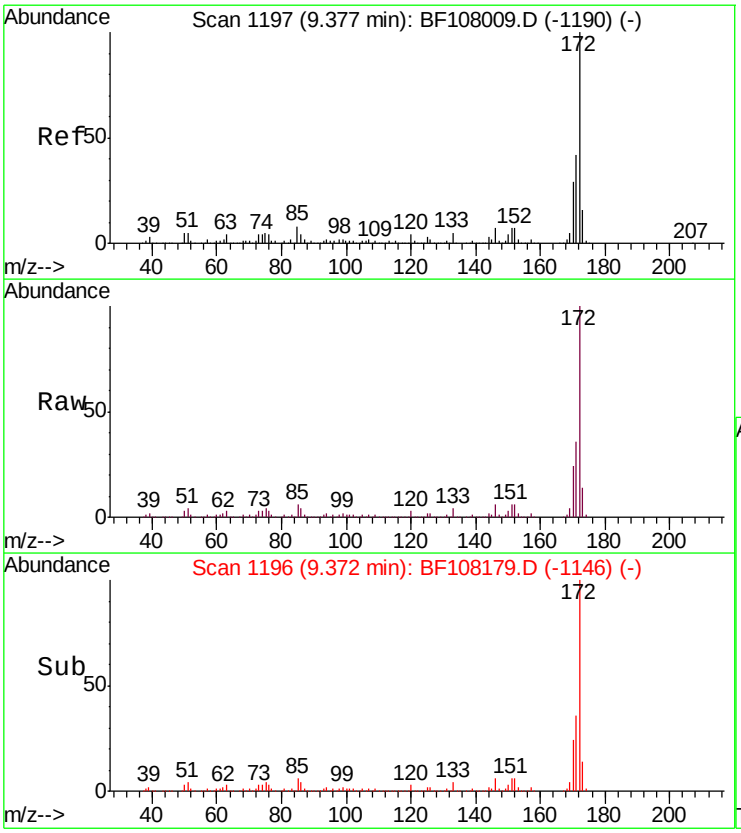
#41
2,4,6-Tribromophenol
Concen: 47.233 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tgt Ion:330 Resp: 195751

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	32.4	29.9	44.9

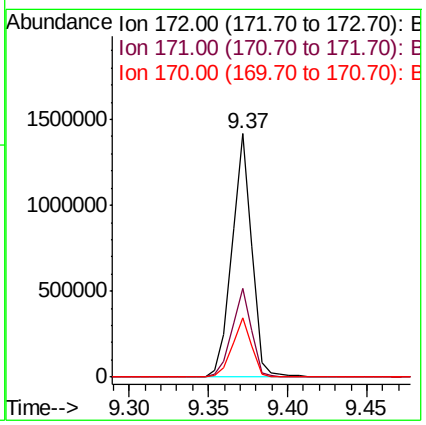


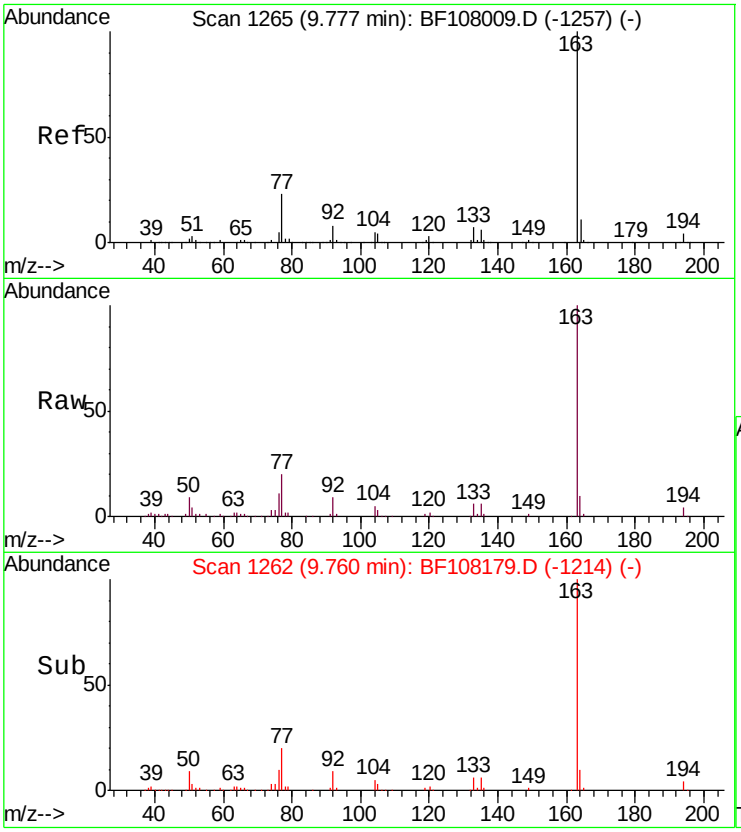


#44
2-Fluorobiphenyl
Concen: 47.683 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion:172 Resp: 1233998

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4



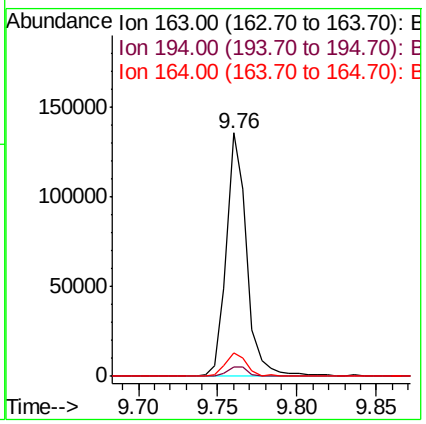


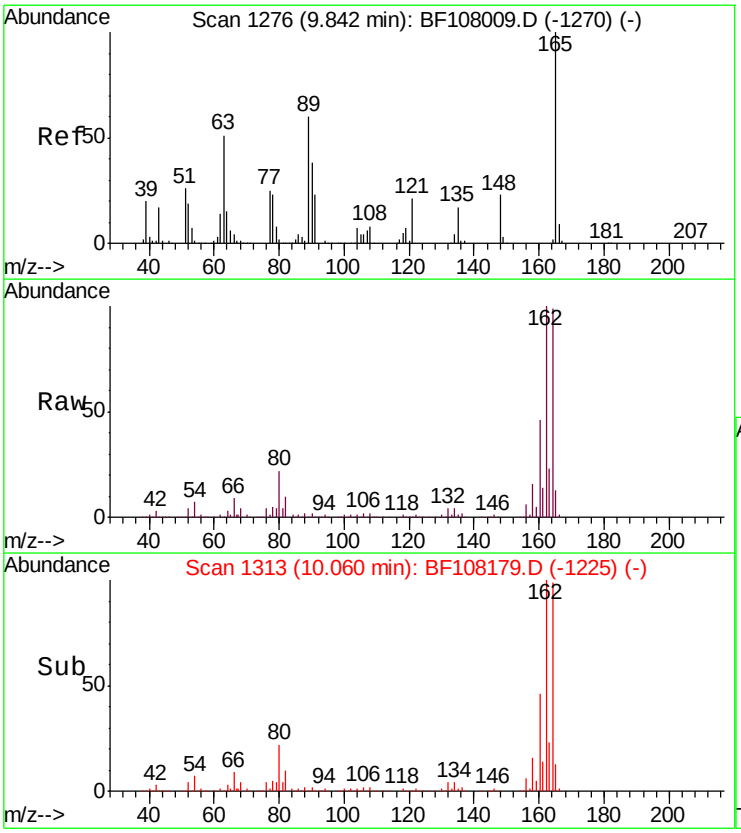
#49
Dimethylphthalate
Concen: 4.184 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tgt Ion:163 Resp: 121086

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.7	8.2	12.2

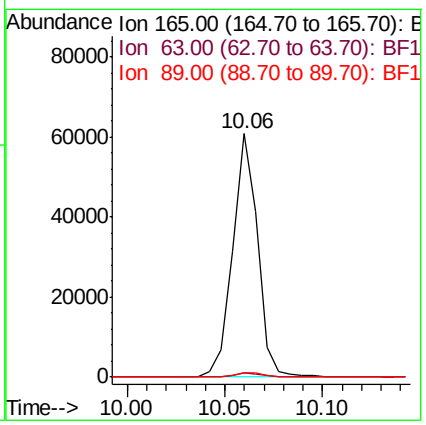


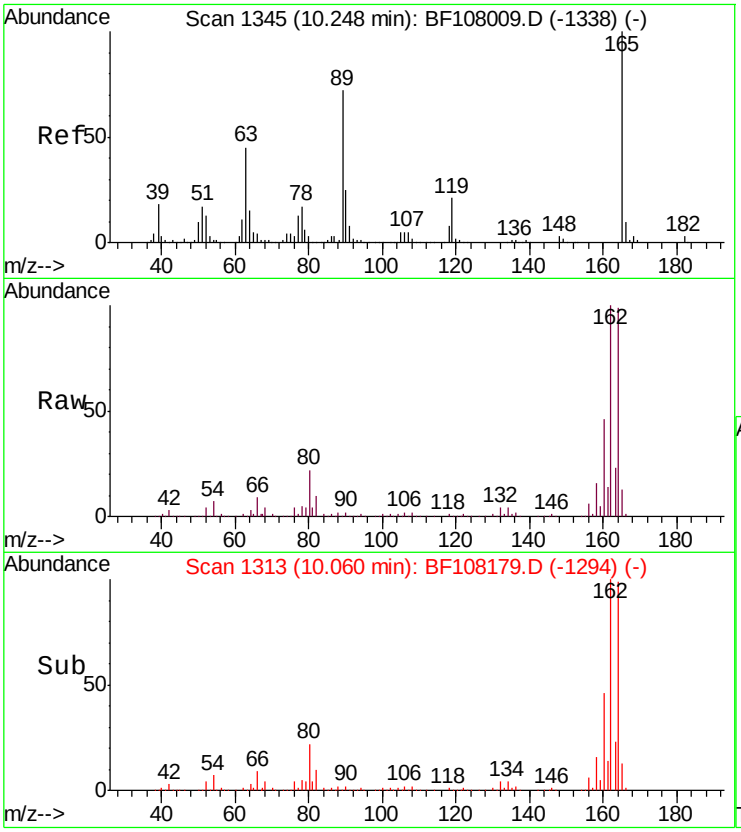


#50
2,6-Dinitrotoluene
Concen: 8.861 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion:165 Resp: 53657

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.5	44.0	66.0#



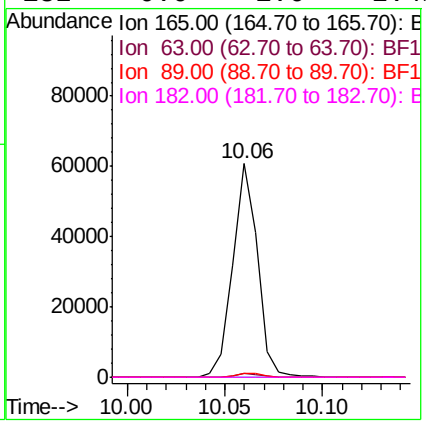


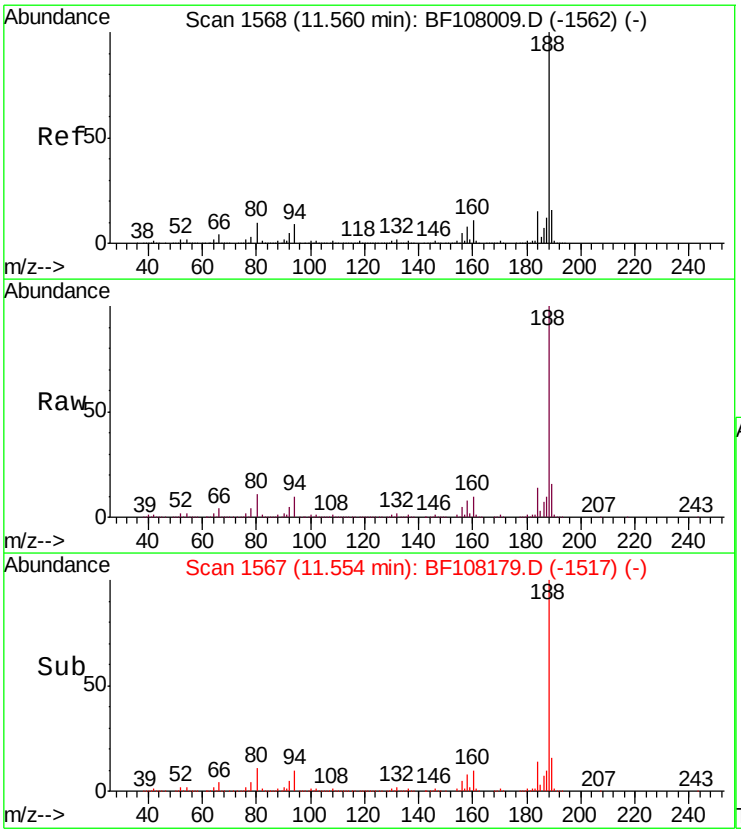
#56
2,4-Dinitrotoluene
Concen: 6.884 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tgt Ion:165 Resp: 53657

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

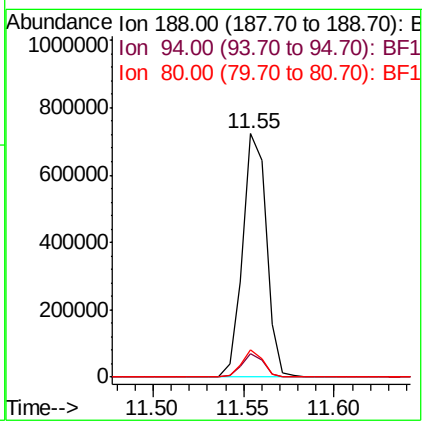


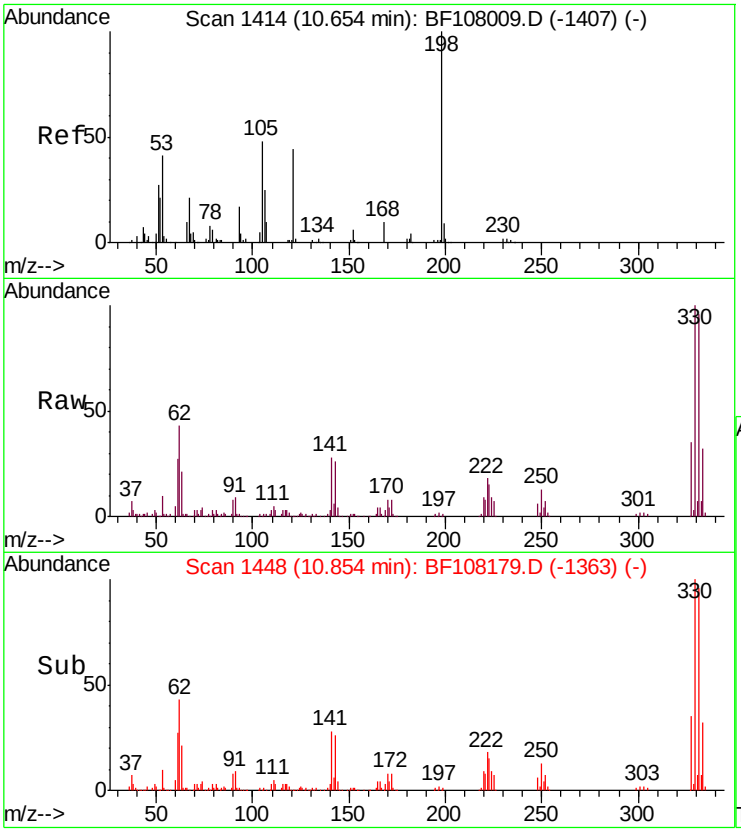


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion:188 Resp: 662219

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	11.0	9.2	13.8



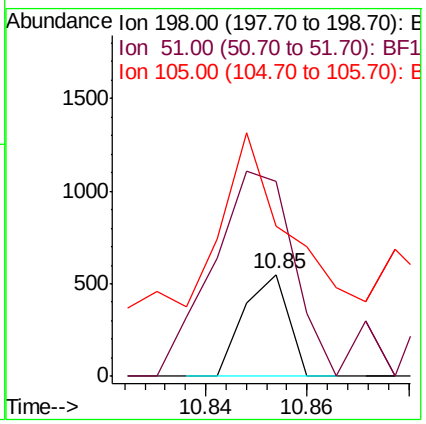


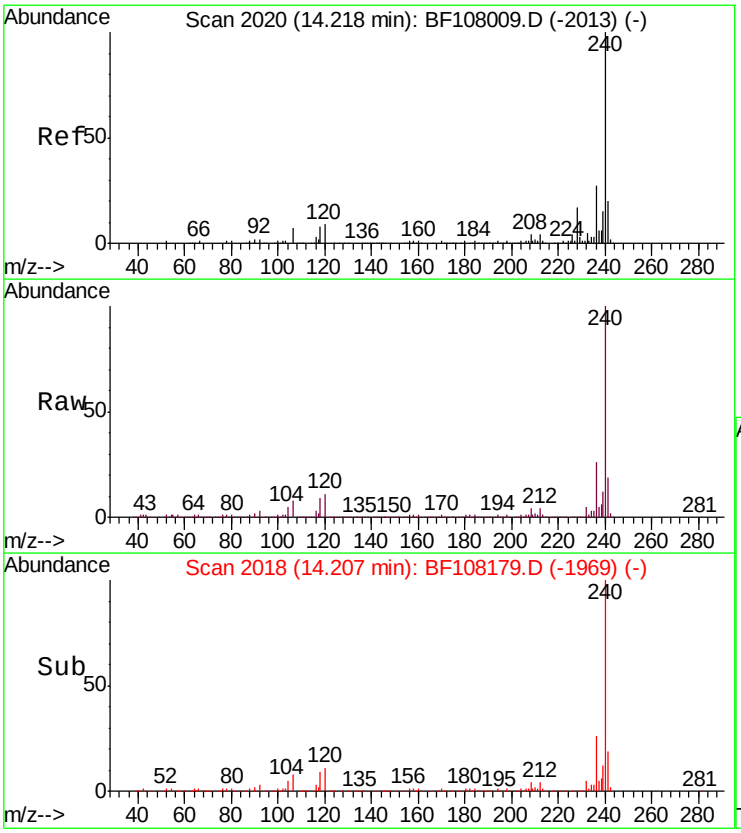
#64
4,6-Dinitro-2-methylphenol
Concen: 5.478 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tgt Ion:198 Resp: 334

Ion	Ratio	Lower	Upper
198	100		
51	191.7	37.7	77.7#
105	147.7	36.3	76.3#

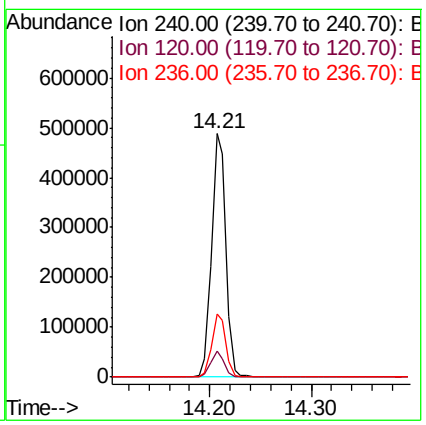


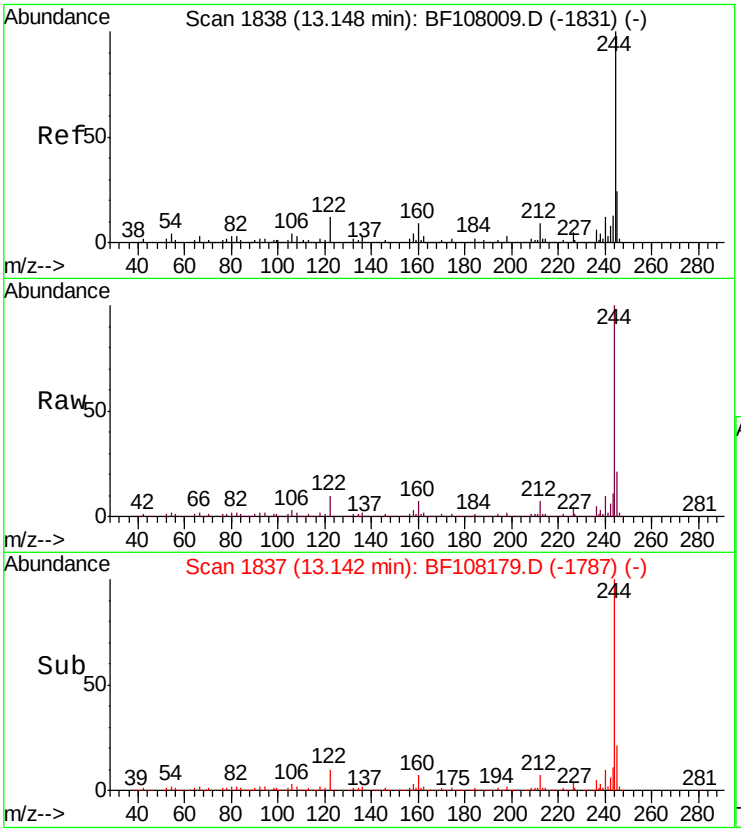


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion:240 Resp: 475887

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.8	20.7	31.1



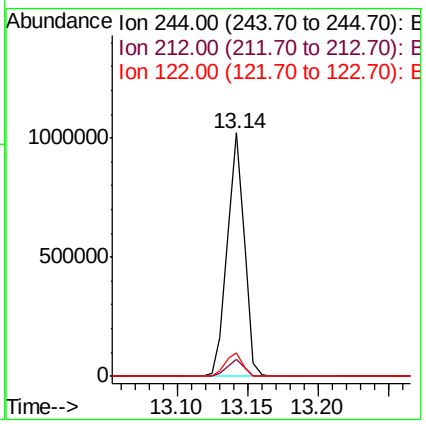


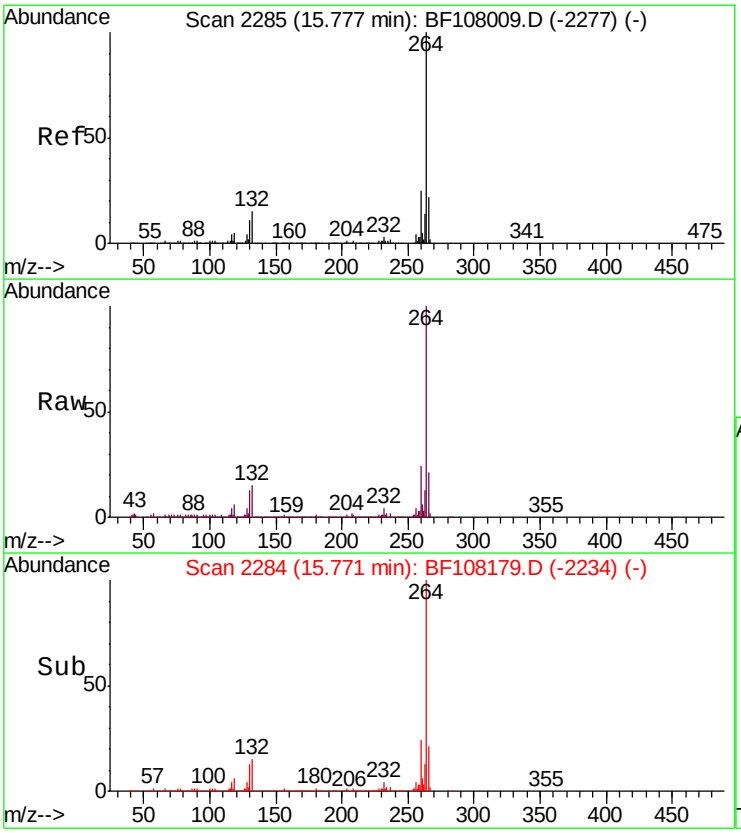
#78
Terphenyl-d14
Concen: 45.975 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tgt Ion:244 Resp: 860510

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.8	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: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion:264 Resp: 476508

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.5	26.3