Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
Data File : BF106655.D
Acq On : 21 Jun 2018 12:18
Operator : JU/SJ
Sample : J3575-21 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13

Quant Time: Jun 21 14:18:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97618	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	389772	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	199631	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	356213	20.00	ng	0.00
75) Chrysene-d12	14.15	240	281866	20.00	ng	0.00
86) Perylene-d12	15.69	264	226710	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	291766	50.61	ng	0.00
7) Phenol-d6	6.60	99	382170	53.08	ng	0.00
23) Nitrobenzene-d5	7.52	82	247973	35.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	113395	49.01	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	429474	26.21	ng	-0.01
78) Terphenyl-d14	13.08	244	407430	35.01	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	32090	6.762	ng	# 74
25) Isophorone	7.52	82	247971	20.064	ng	# 64
49) Dimethylphthalate	9.71	163	50657	3.383	ng	98
50) 2,6-Dinitrotoluene	10.00	165	25250	7.964	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	25250	6.101	ng	# 23
87) Benzo(b)fluoranthene	15.24	252	33813	2.401	ng	# 79
88) Benzo(k)fluoranthene	15.24	252	33813	2.521	ng	# 82

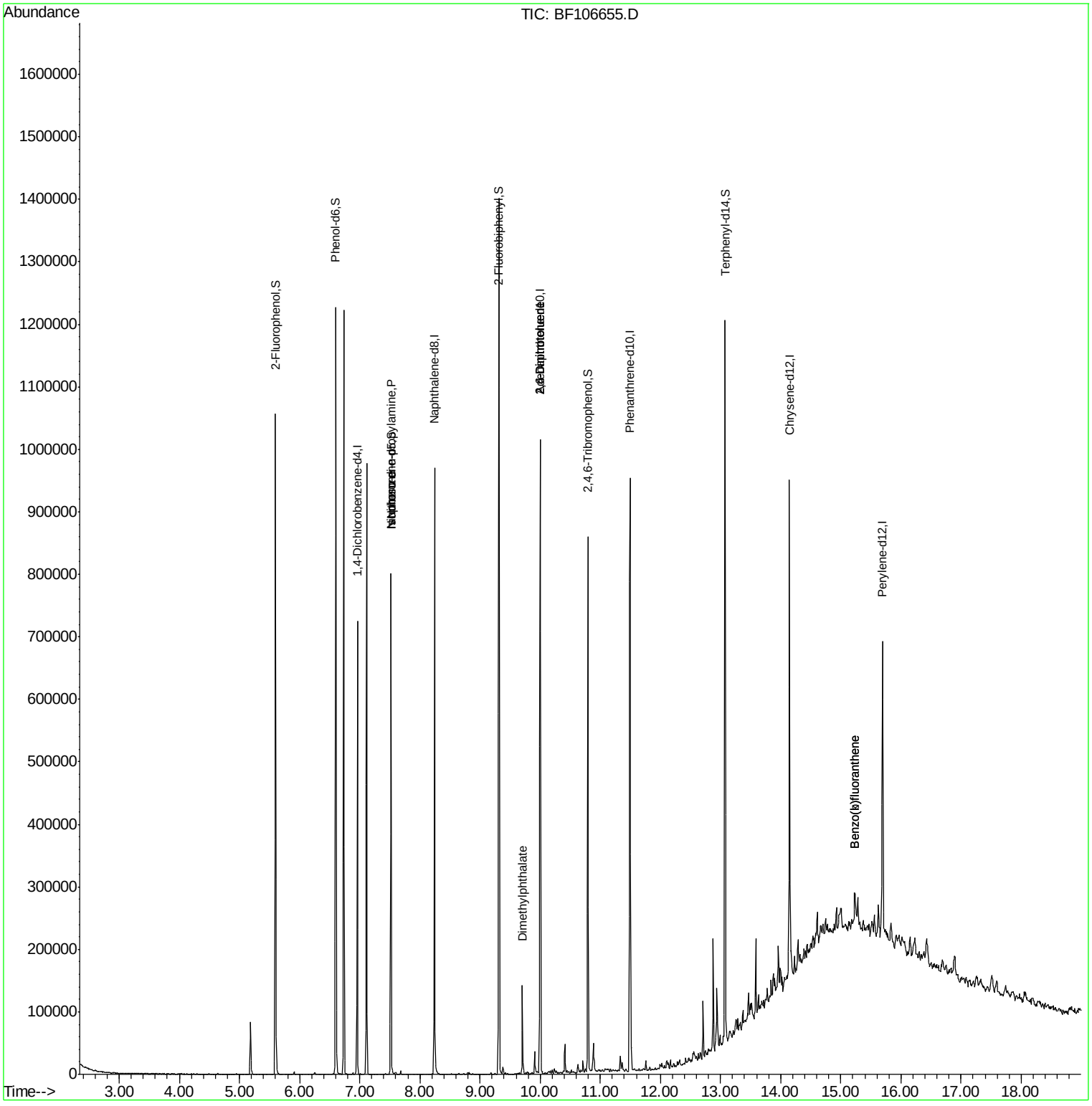
(#) = qualifier out of range (m) = manual integration (+) = signals summed

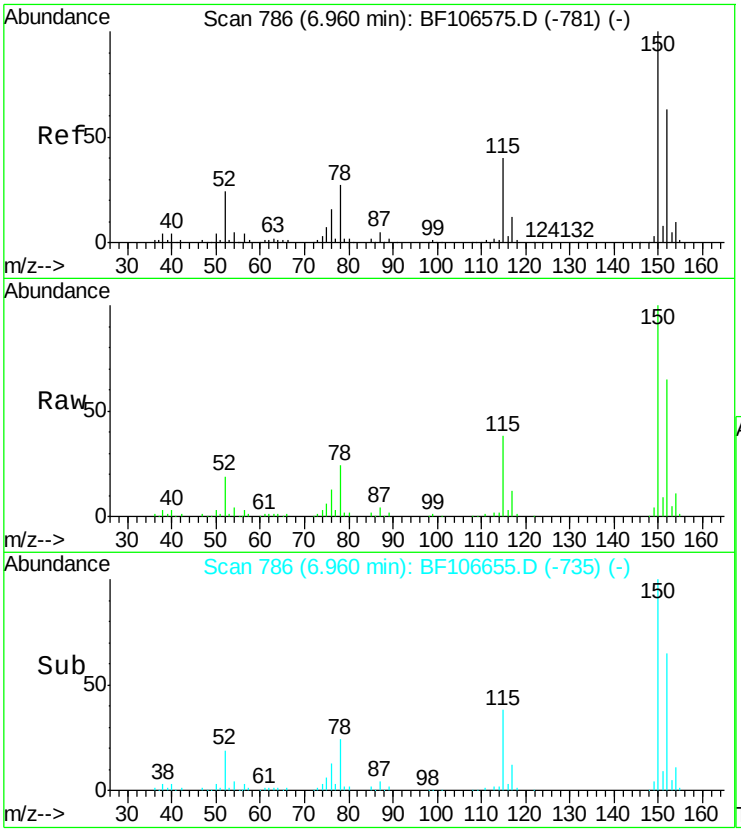
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
Data File : BF106655.D
Acq On : 21 Jun 2018 12:18
Operator : JU/SJ
Sample : J3575-21 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13

Quant Time: Jun 21 14:18:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration



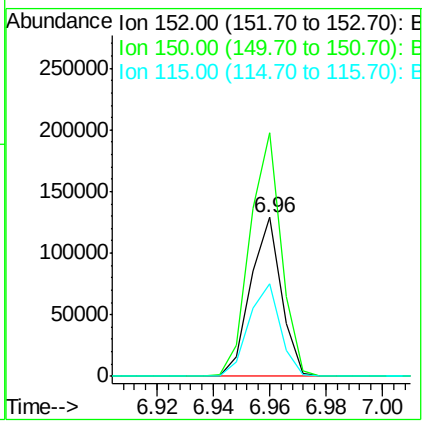


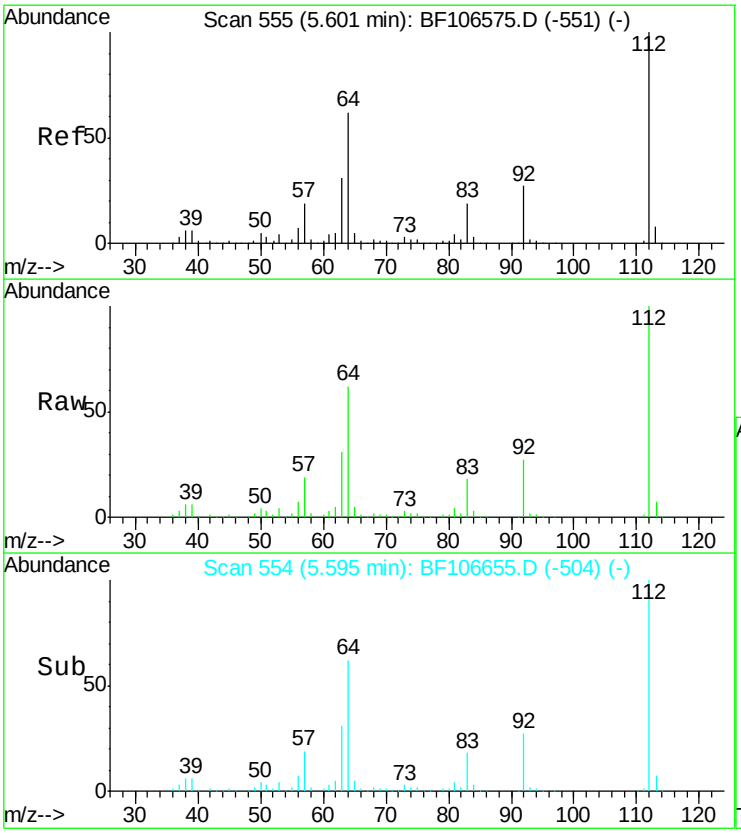
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:152 Resp: 97618

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	58.5	50.1	75.1

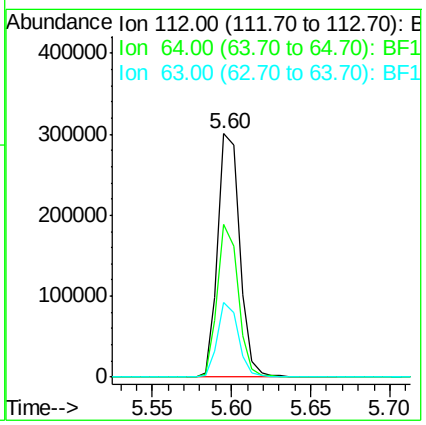


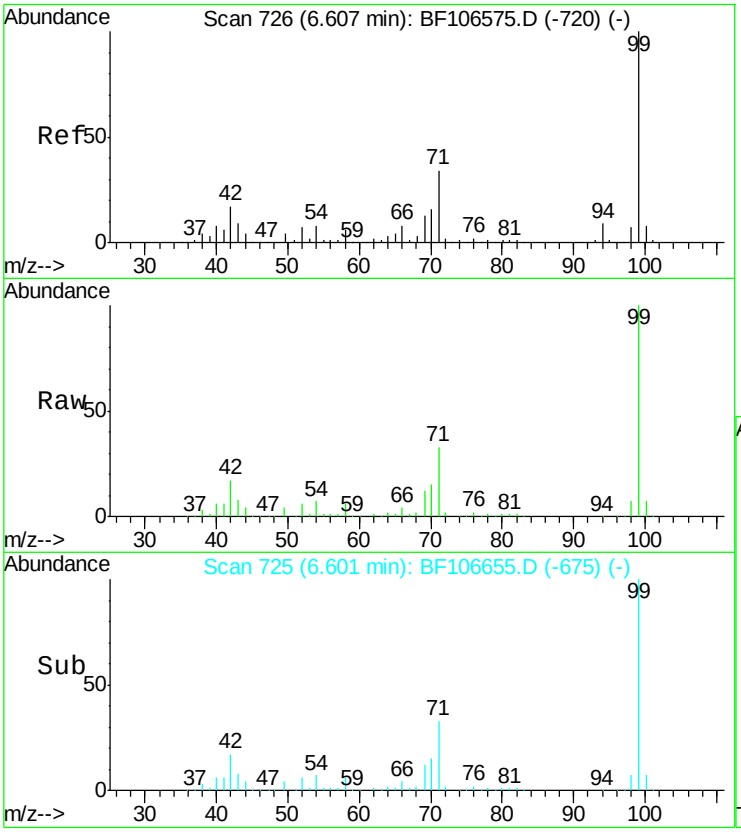


#5
2-Fluorophenol
Concen: 50.611 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion:112 Resp: 291766

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	30.8	23.7	35.5



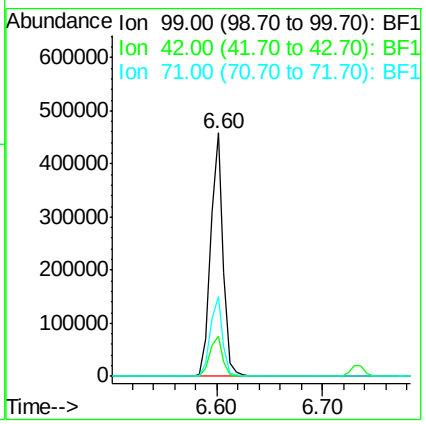


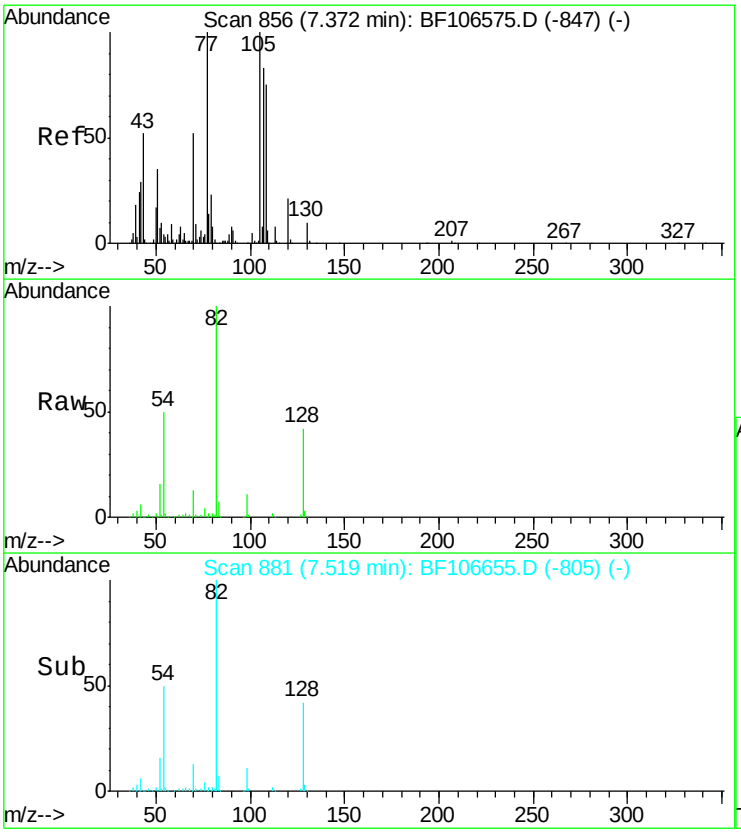
#7
Phenol-d6
Concen: 53.085 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 99 Resp: 382170

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	33.0	25.4	38.0

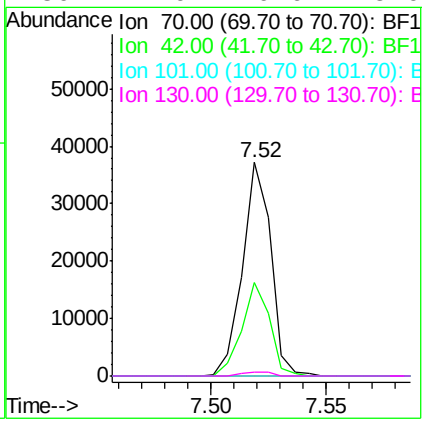


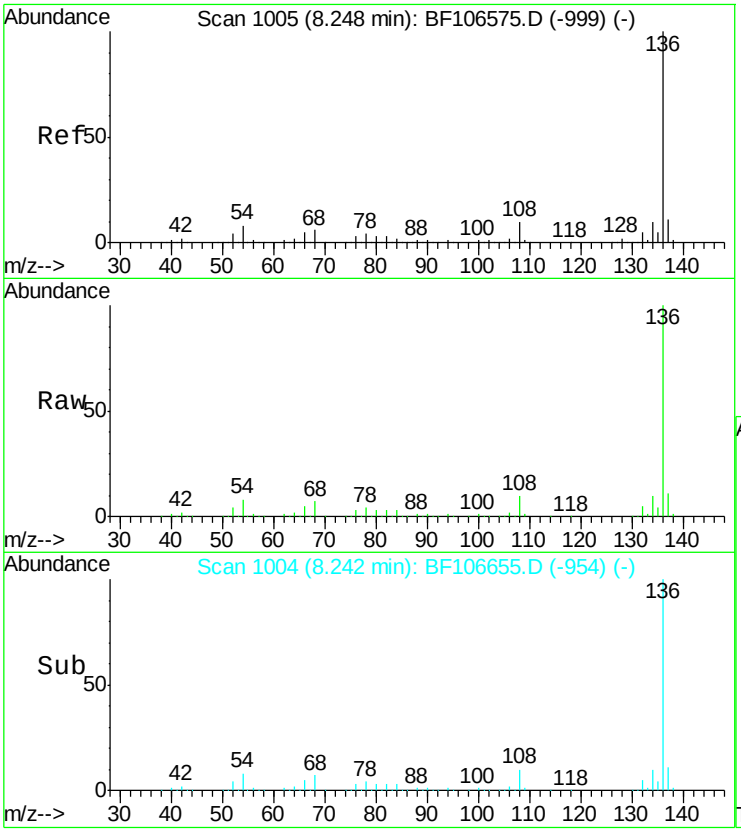


#19
n-Nitroso-di-n-propylamine
Concen: 6.762 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion: 70 Resp: 32090

Ion	Ratio	Lower	Upper
70	100		
42	43.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



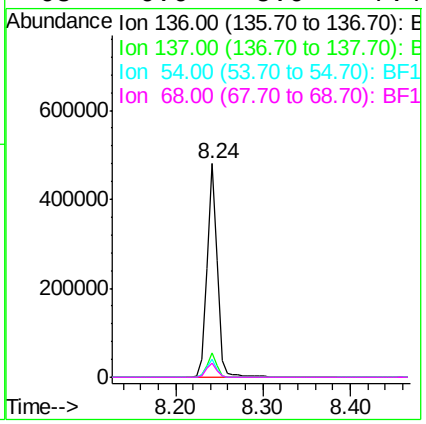


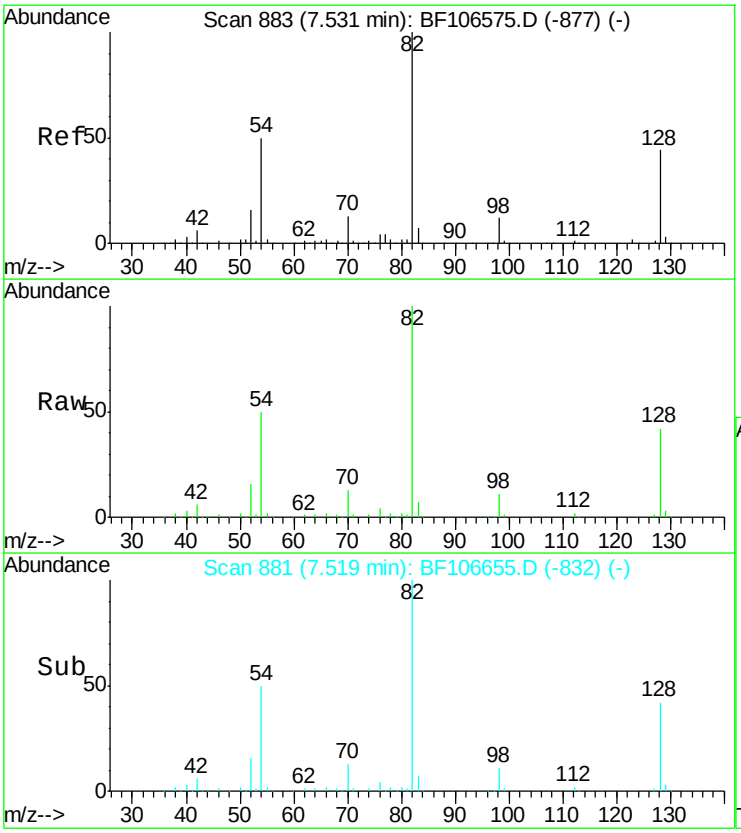
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:136 Resp: 389772

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	6.6	9.8
68	6.6	5.0	7.4

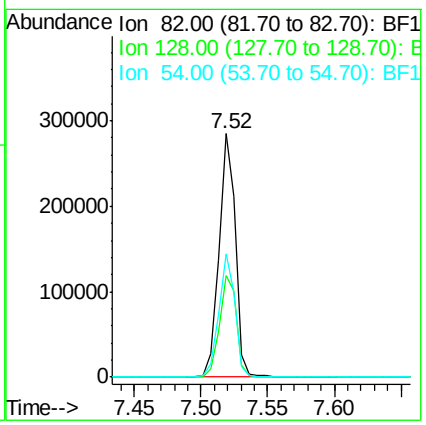


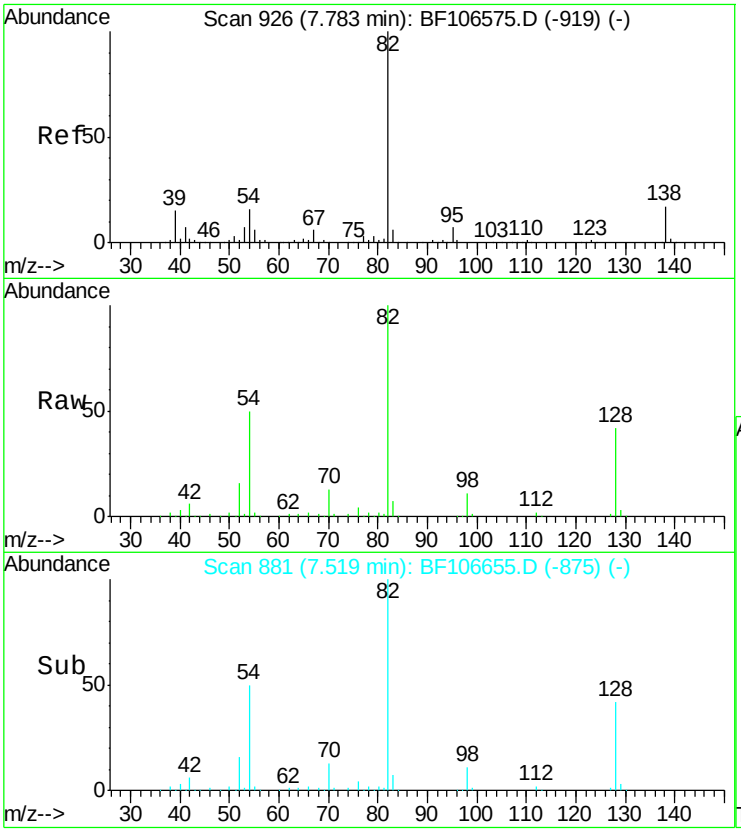


#23
Nitrobenzene-d5
Concen: 35.356 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion: 82 Resp: 247973

Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	50.5	41.4	62.2



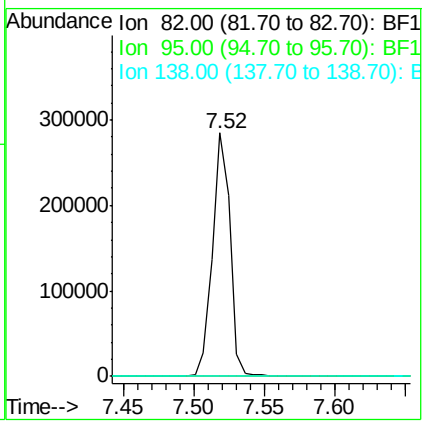


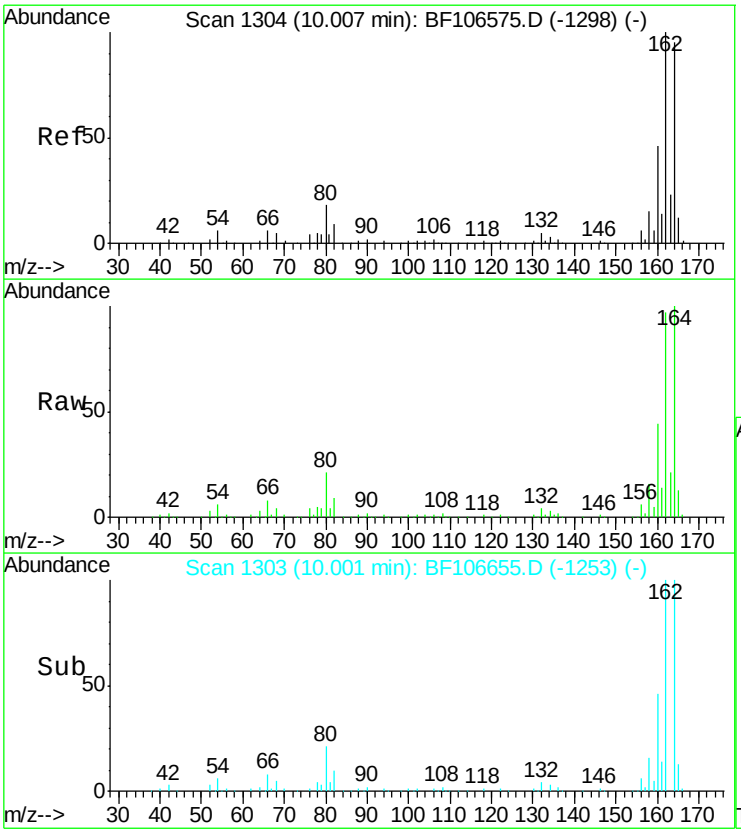
#25
Isophorone
Concen: 20.064 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 82 Resp: 247971

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

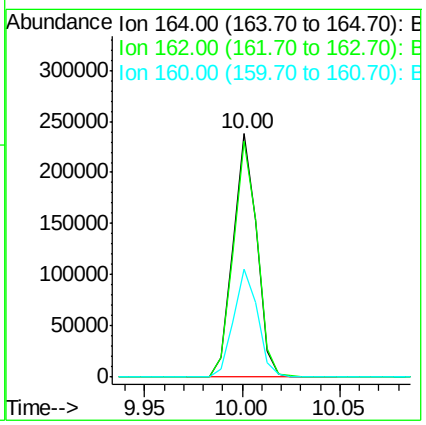


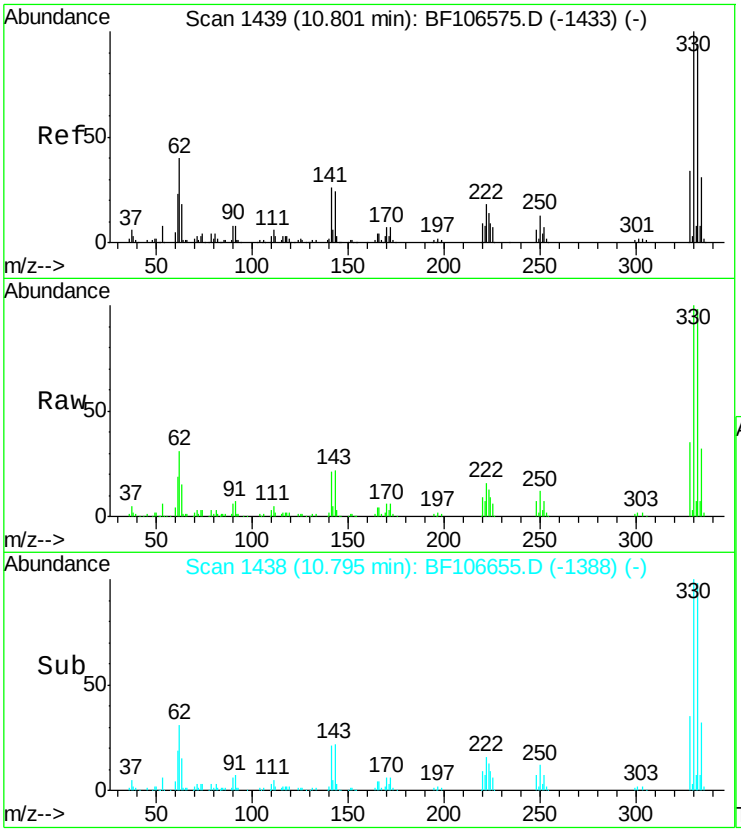


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion:164 Resp: 199631

Ion	Ratio	Lower	Upper
164	100		
162	96.8	86.1	129.1
160	44.4	38.3	57.5



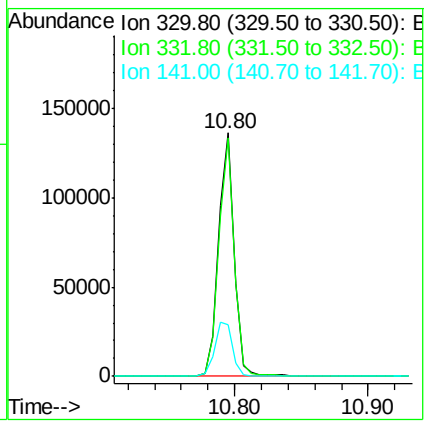


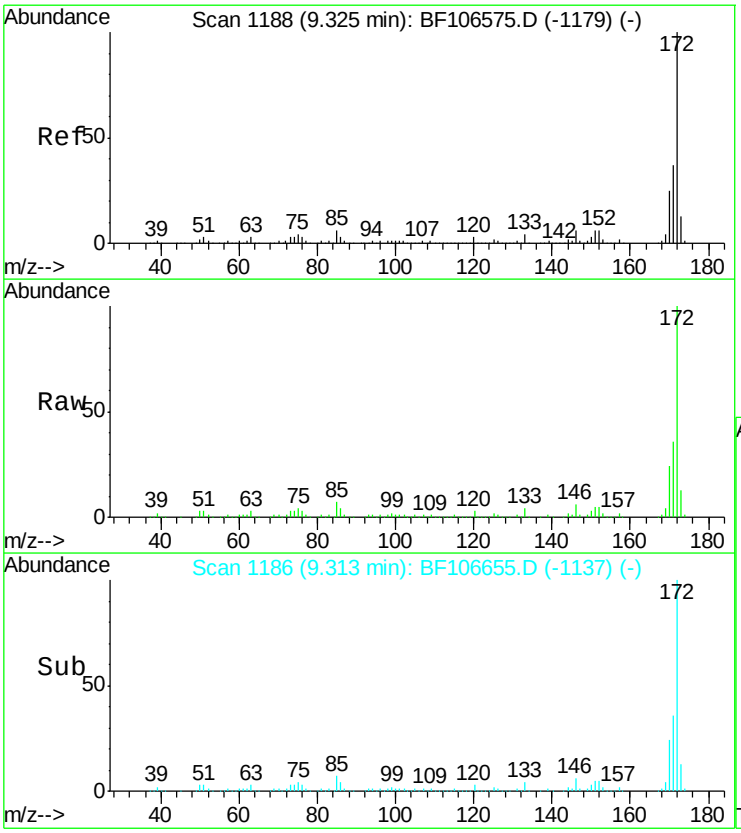
#41
2,4,6-Tribromophenol
Concen: 49.009 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:330 Resp: 113395

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	25.5	29.9	44.9#

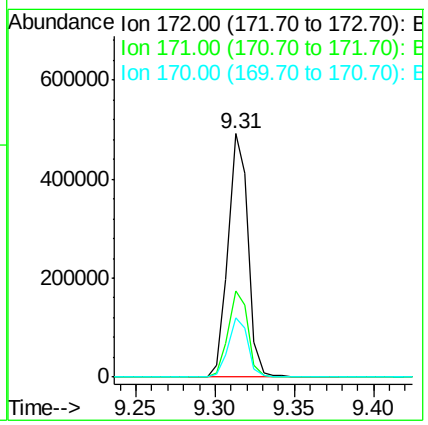


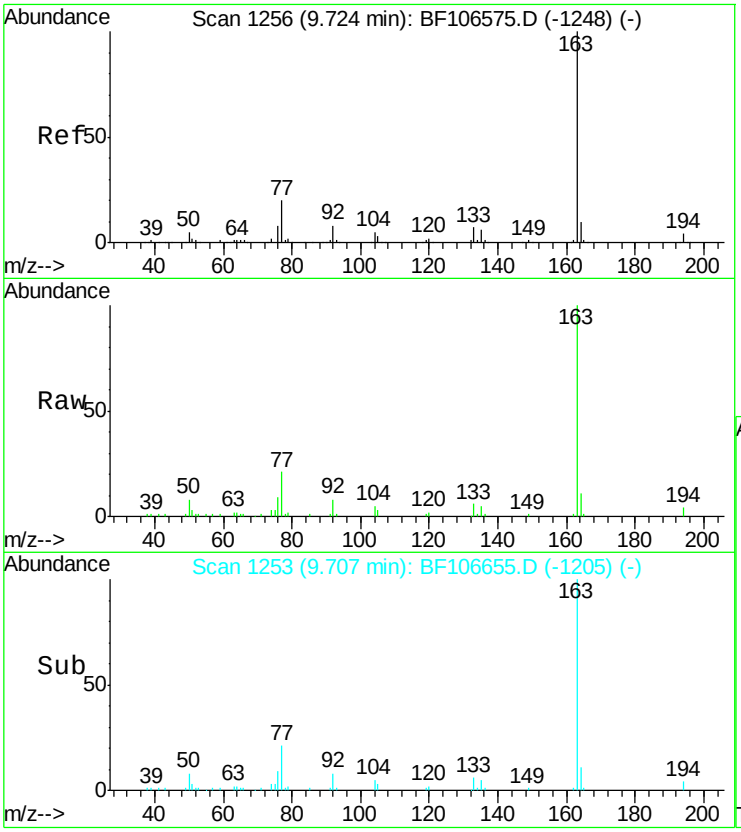


#44
2-Fluorobiphenyl
Concen: 26.212 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion:172 Resp: 429474

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.3	19.6	29.4



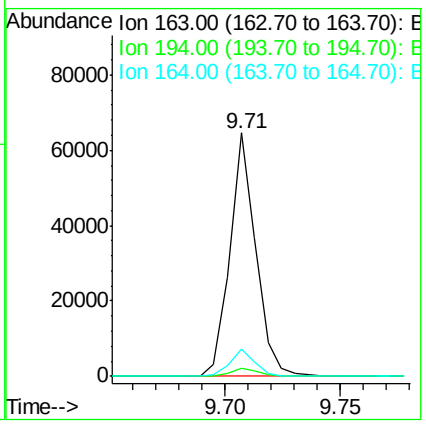


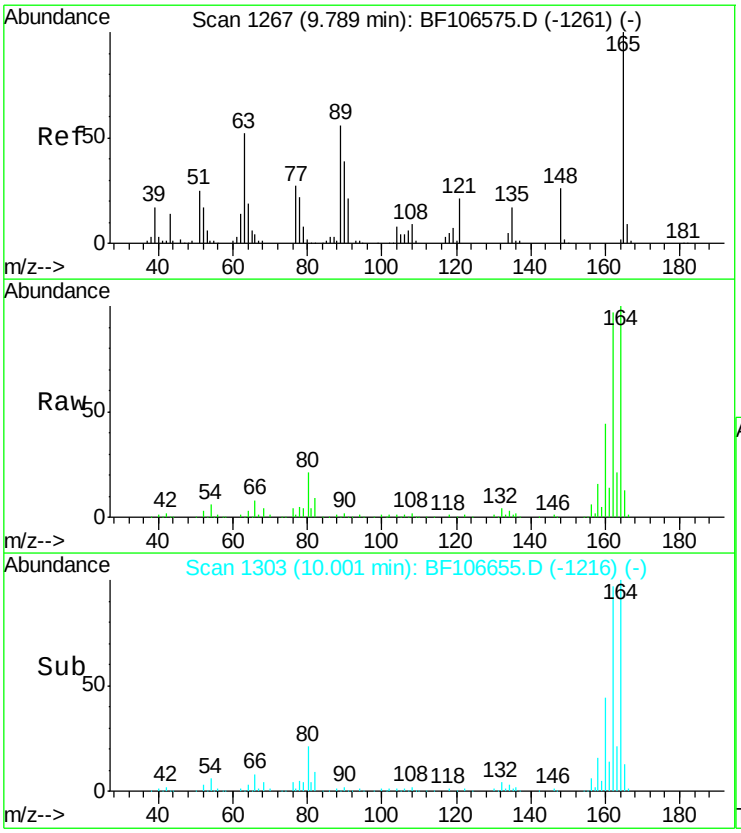
#49
Dimethylphthalate
Concen: 3.383 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:163 Resp: 50657

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	11.1	8.2	12.2

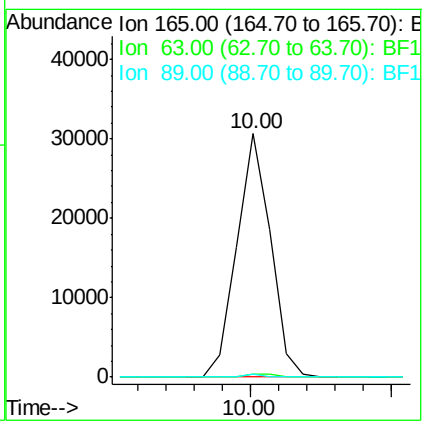


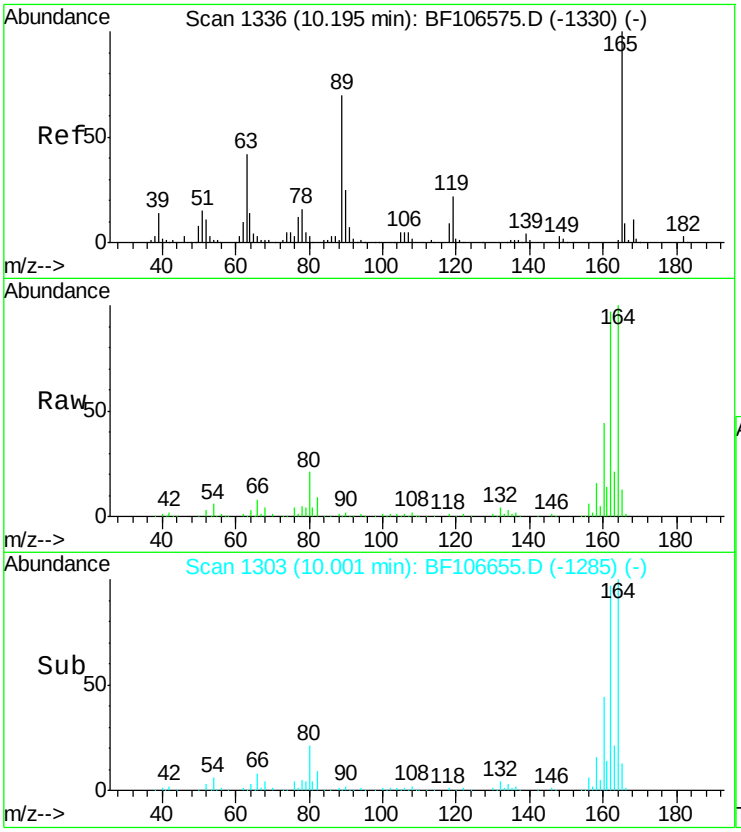


#50
2,6-Dinitrotoluene
Concen: 7.964 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion:165 Resp: 25250

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.0	44.0	66.0#



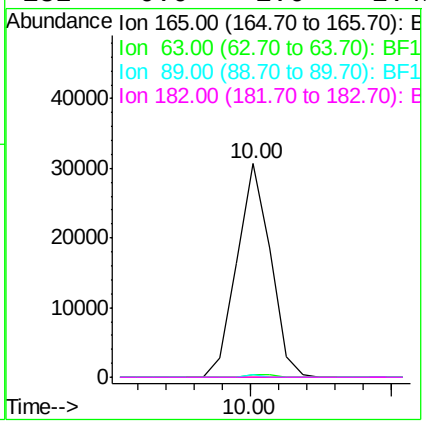


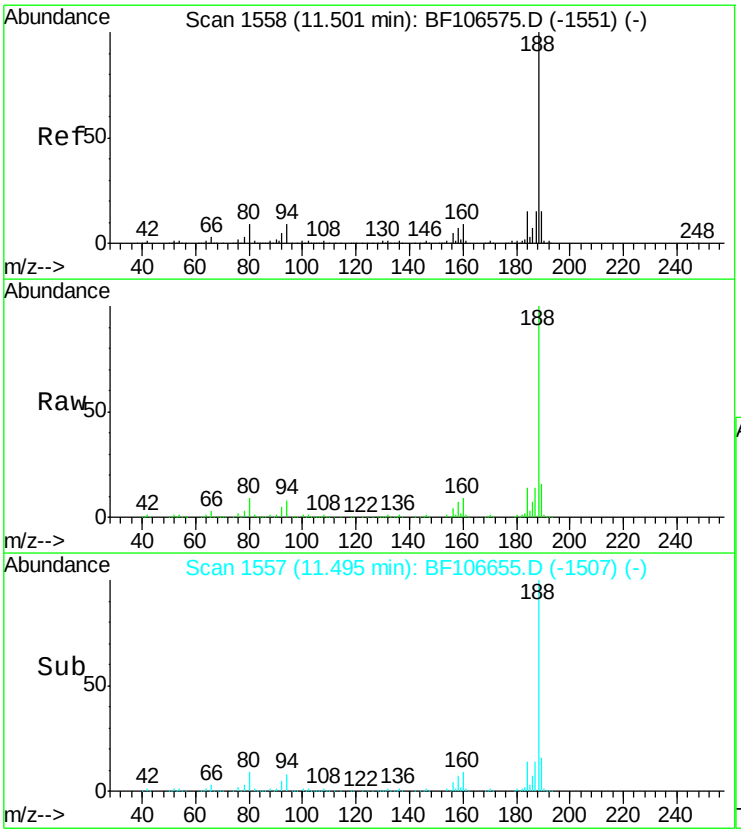
#56
2,4-Dinitrotoluene
Concen: 6.101 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:165 Resp: 25250

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

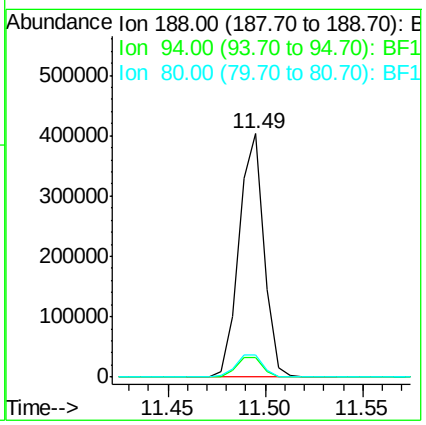


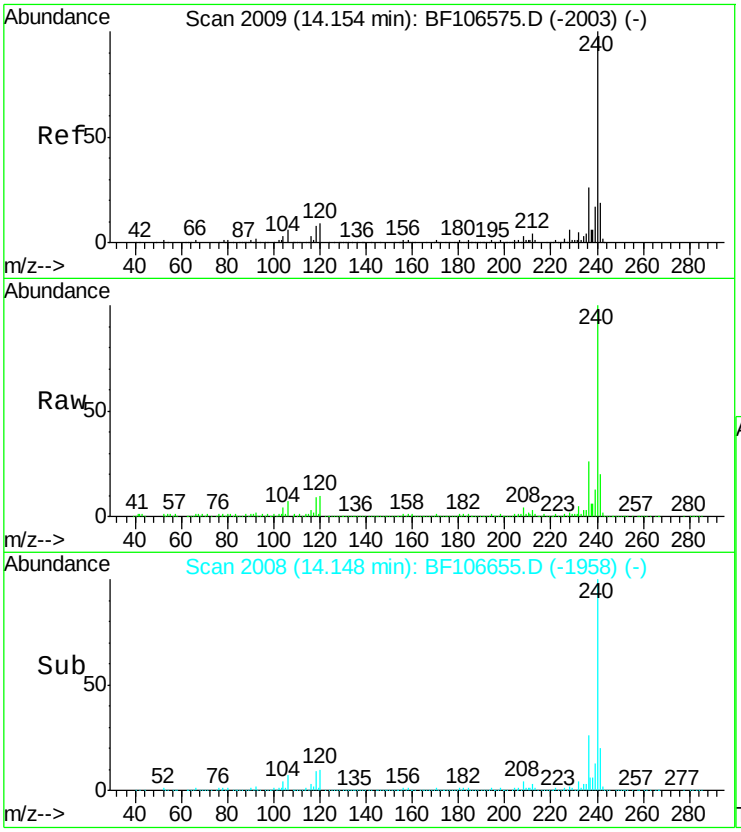


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion:188 Resp: 356213

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.1	9.2	13.8#



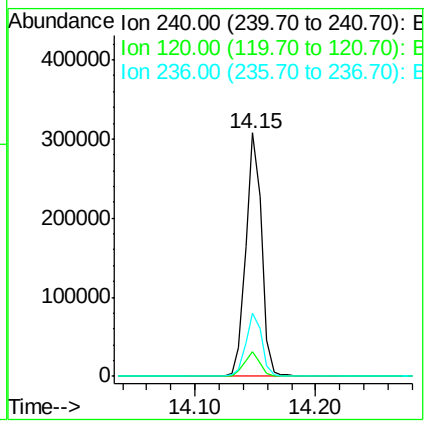


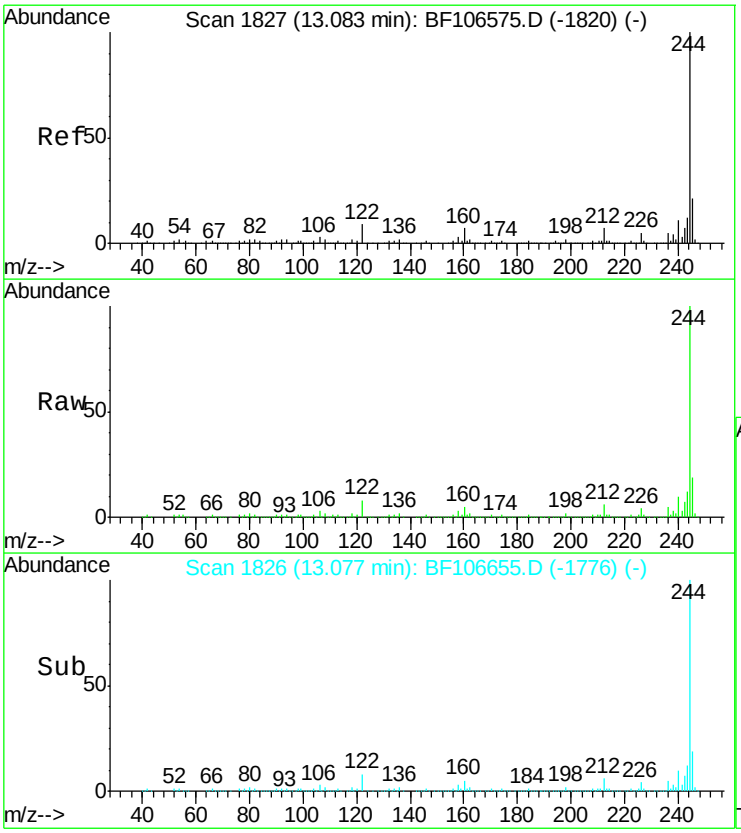
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:240 Resp: 281866

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.8	20.7	31.1

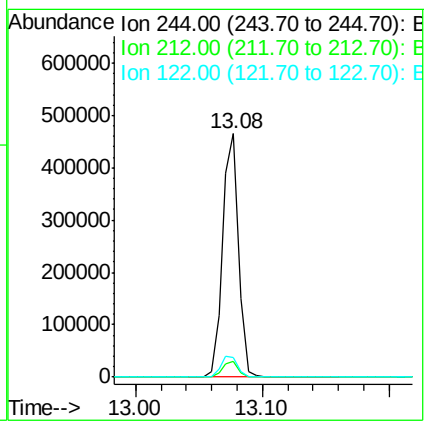


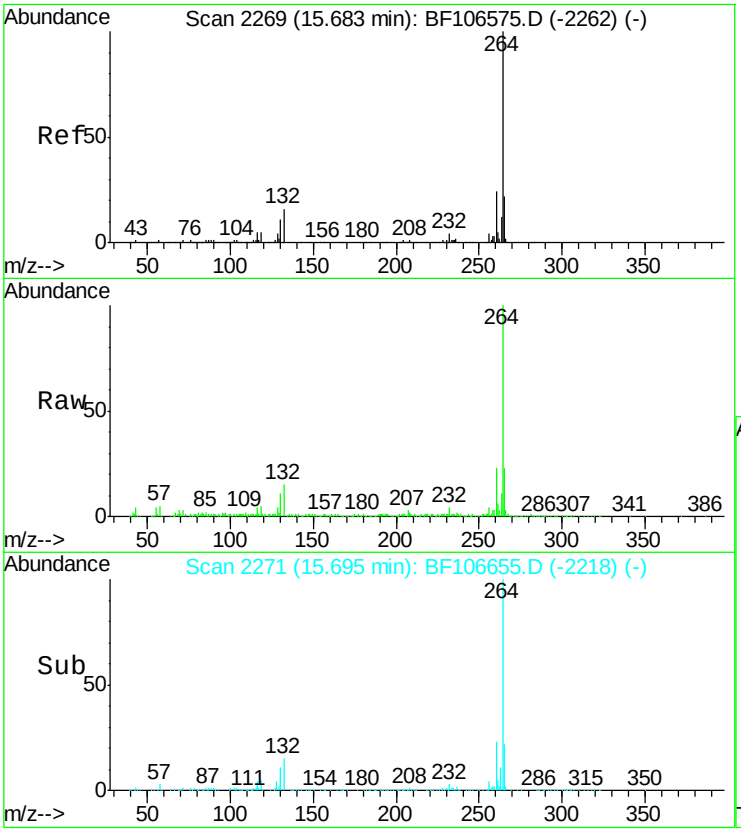


#78
Terphenyl-d14
Concen: 35.014 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion:244 Resp: 407430

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.2	11.0	16.4#



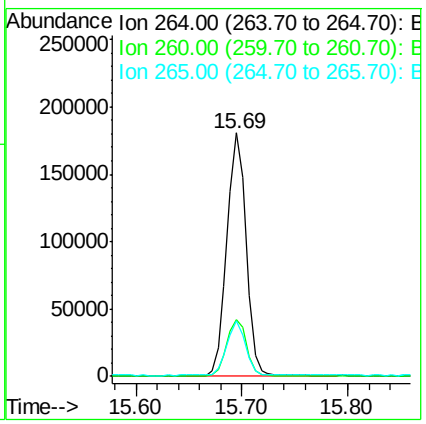


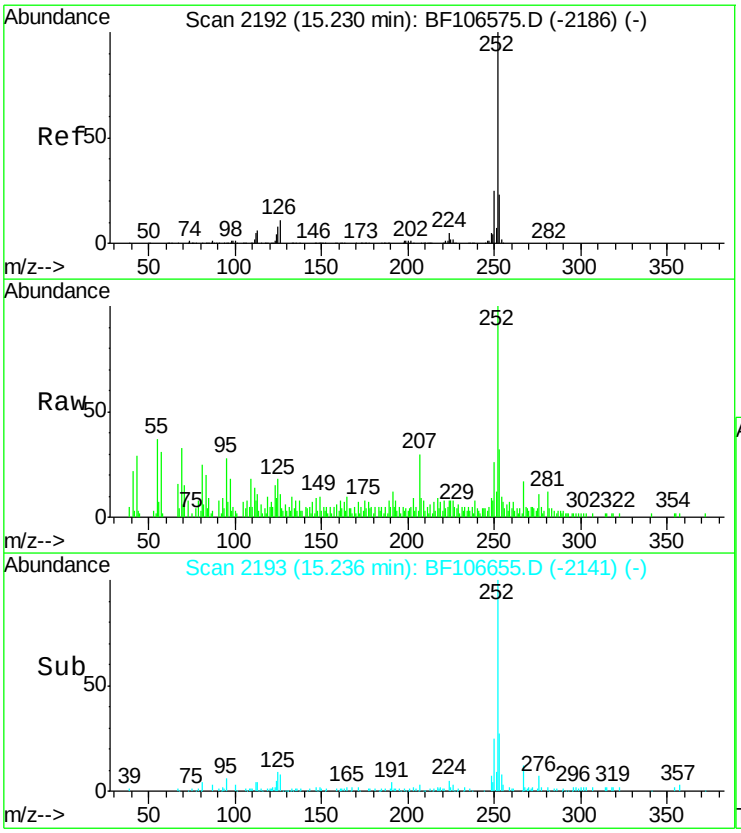
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:264 Resp: 226710

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.5	17.5	26.3

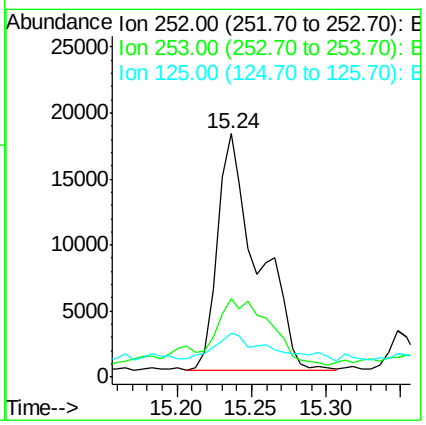


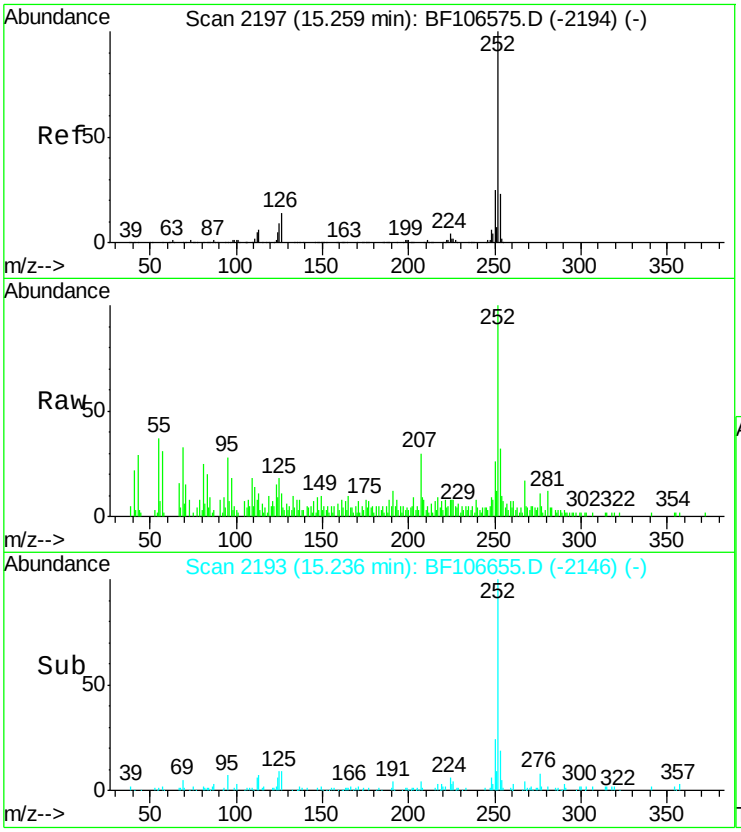


#87
Benzo(b)fluoranthene
Concen: 2.401 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Tgt Ion:252 Resp: 33813

Ion	Ratio	Lower	Upper
252	100		
253	32.2	17.0	25.6#
125	17.9	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.521 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF106655.D
Acq: 21 Jun 2018 12:18

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:252 Resp: 33813

Ion	Ratio	Lower	Upper
252	100		
253	32.2	17.9	26.9#
125	17.9	10.2	15.2#