Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
Data File : BF106611.D
Acq On : 20 Jun 2018 5:00
Operator : JU/SJ
Sample : J3580-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Time: Jun 20 05:49:33 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	97921	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	359071	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	139472	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	232399	20.00	ng	0.00
75) Chrysene-d12	14.14	240	261884	20.00	ng	-0.01
86) Perylene-d12	15.68	264	176123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	277279	47.95	ng	0.00
7) Phenol-d6	6.60	99	335102	46.40	ng	-0.01
23) Nitrobenzene-d5	7.52	82	206493	31.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	58616	36.26	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	358533	34.80	ng	-0.01
78) Terphenyl-d14	13.08	244	331162	30.63	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	26475	5.562	ng	# 77
25) Isophorone	7.52	82	206488	18.136	ng	# 64
49) Dimethylphthalate	9.71	163	41331	3.951	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	17227	7.777	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	17227	5.958	ng	# 22

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

Quantitation Report (Not Reviewed)

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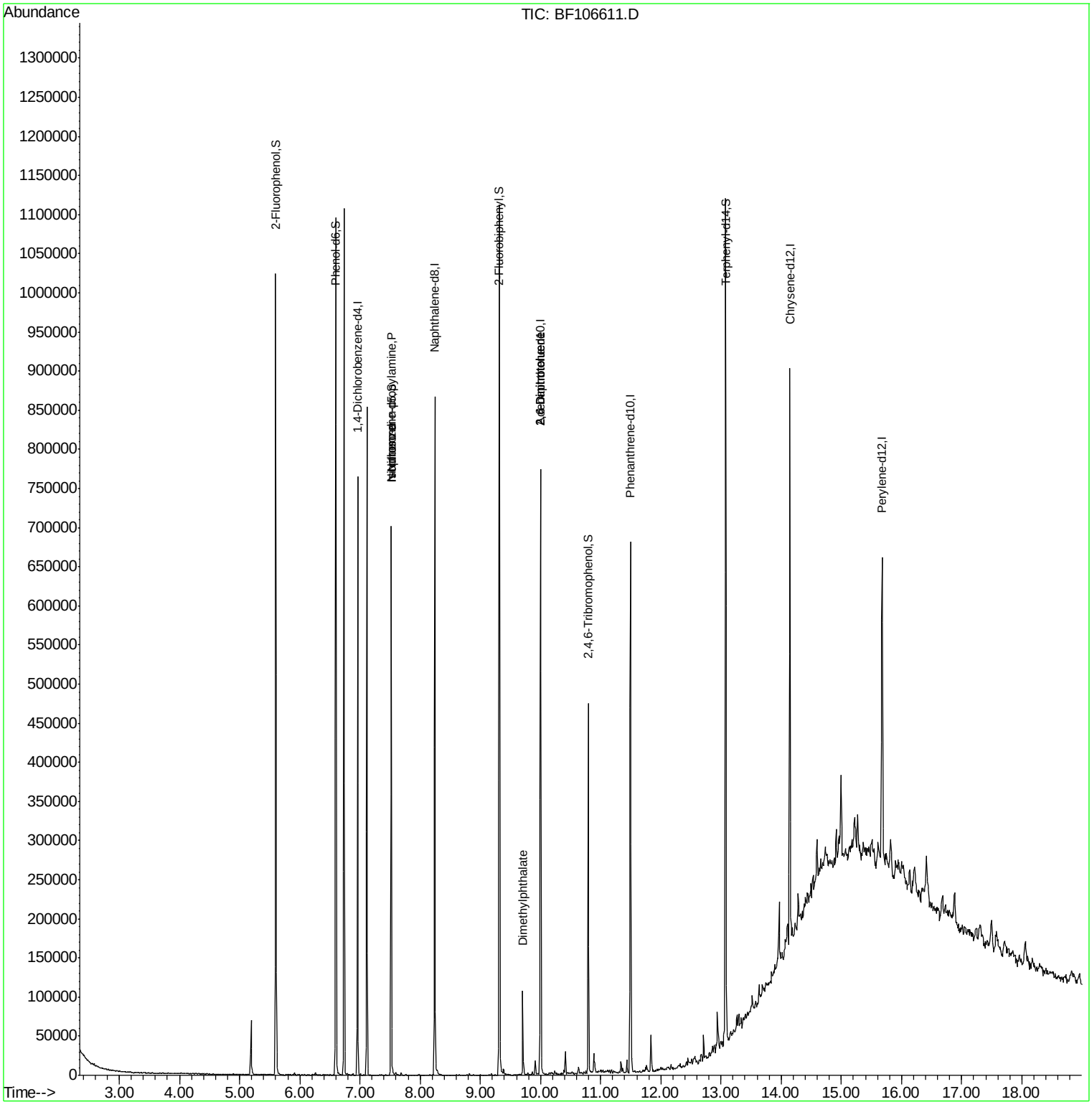
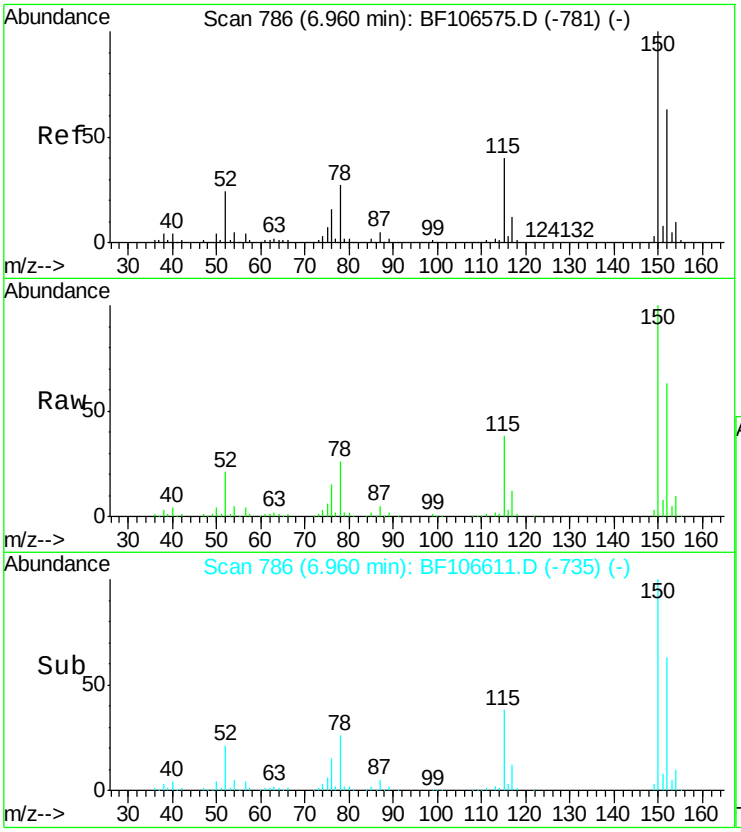


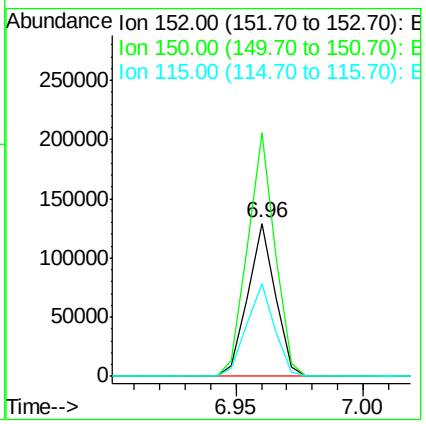


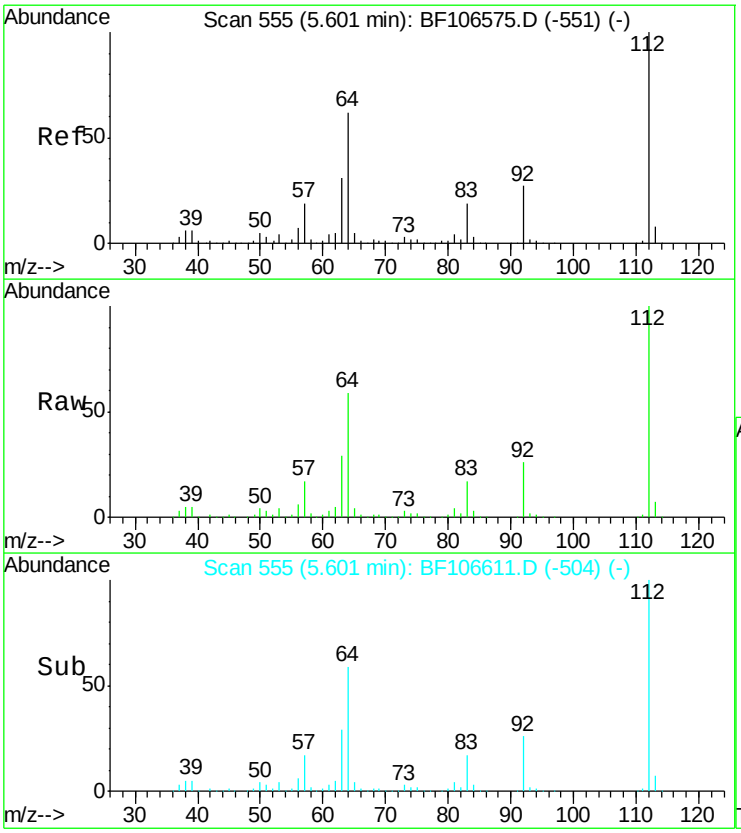
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:152 Resp: 97921

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	60.8	50.1	75.1

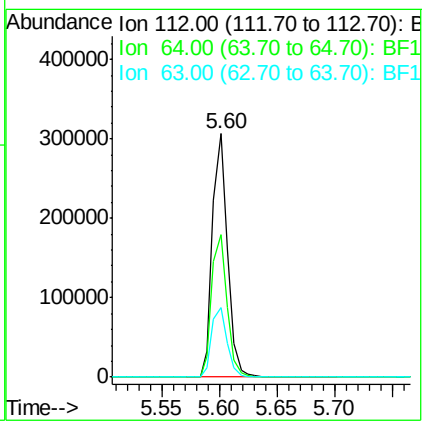


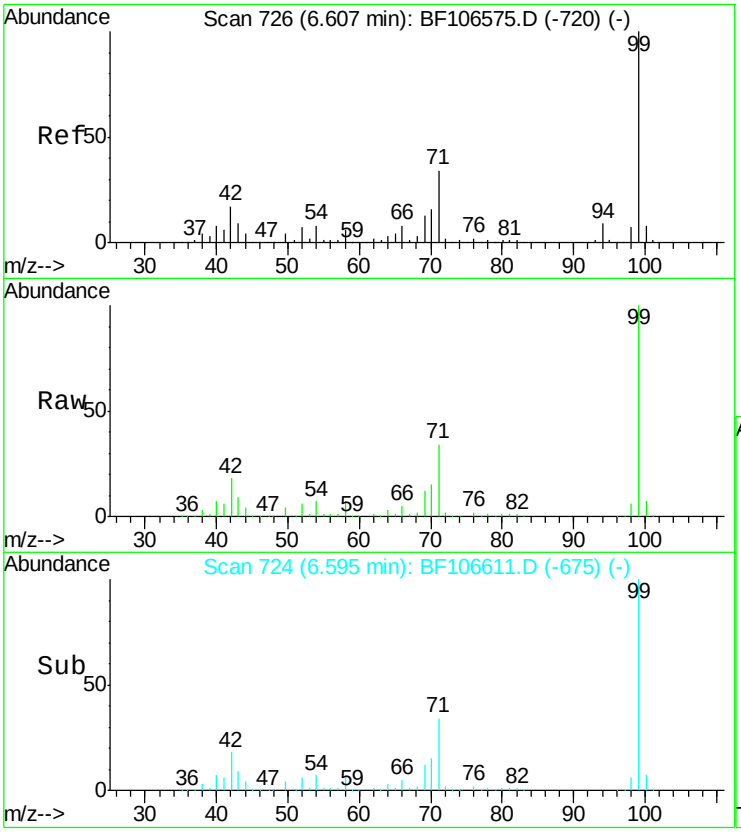


#5
2-Fluorophenol
Concen: 47.949 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Tgt Ion:112 Resp: 277279

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	28.8	23.7	35.5



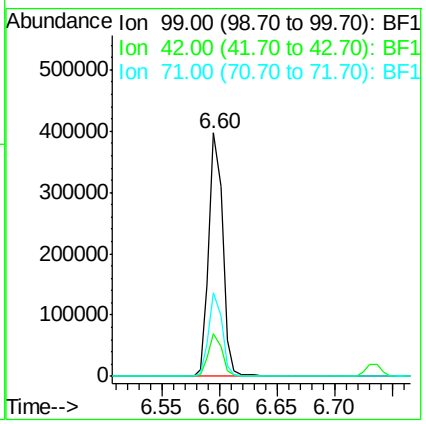


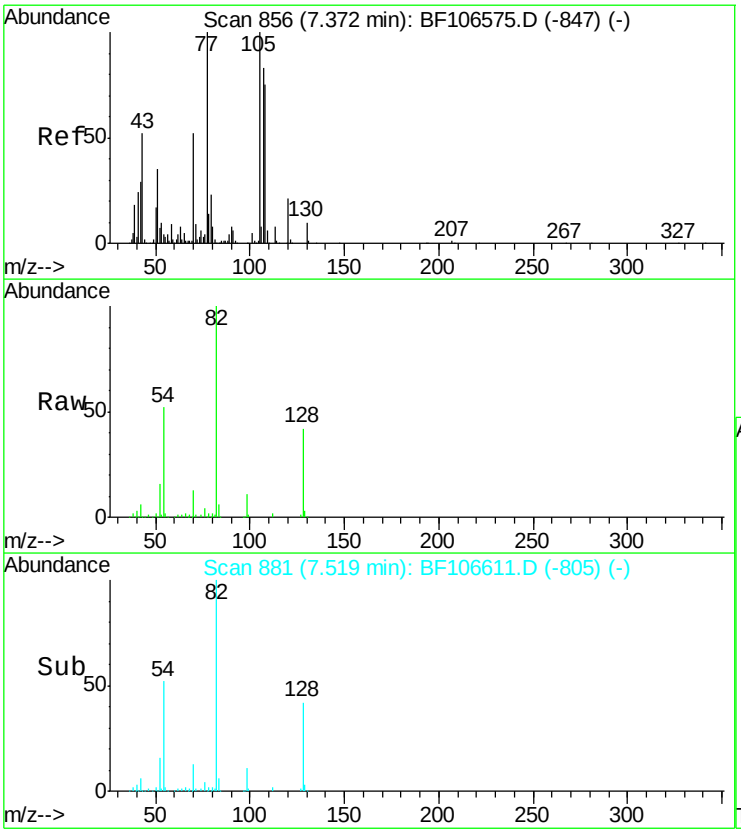
#7
Phenol-d6
Concen: 46.403 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 99 Resp: 335102

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.5	21.7
71	34.3	25.4	38.0

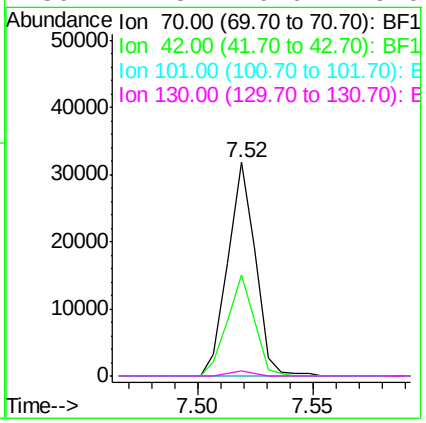


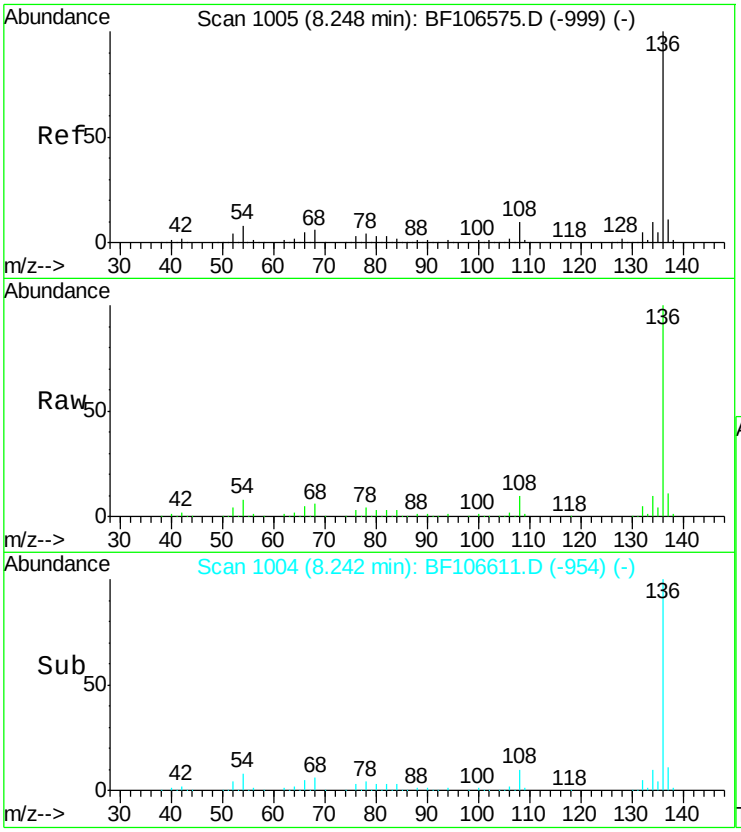


#19
n-Nitroso-di-n-propylamine
Concen: 5.562 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Tgt Ion: 70 Resp: 26475

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



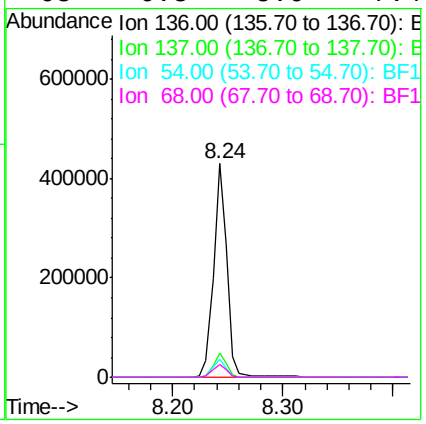


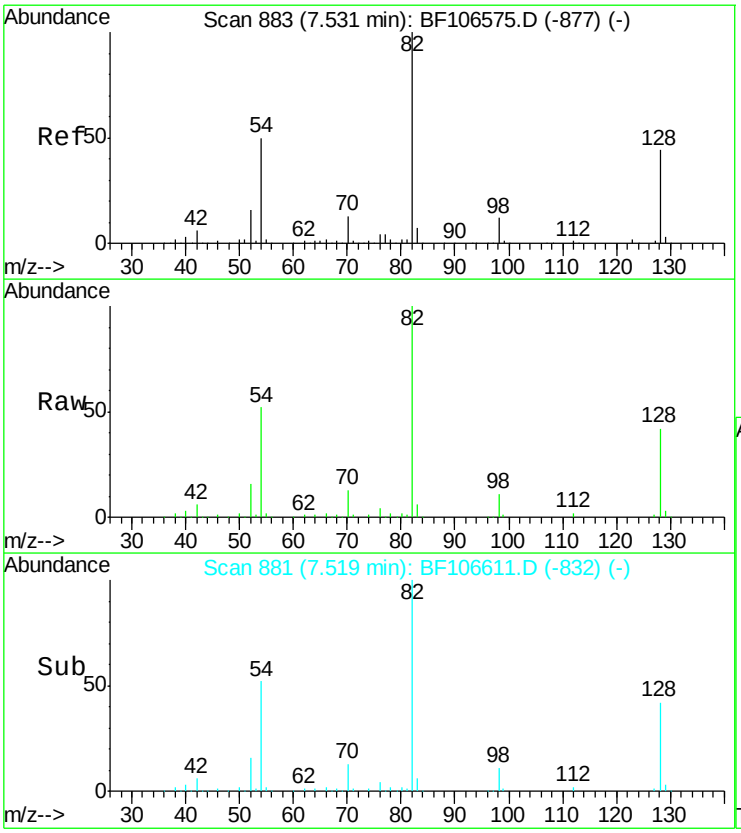
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:136 Resp: 359071

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.6	9.8
68	6.3	5.0	7.4

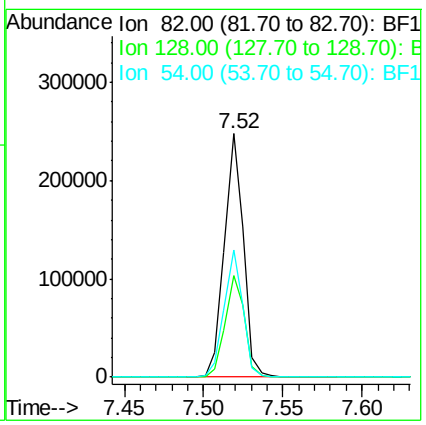


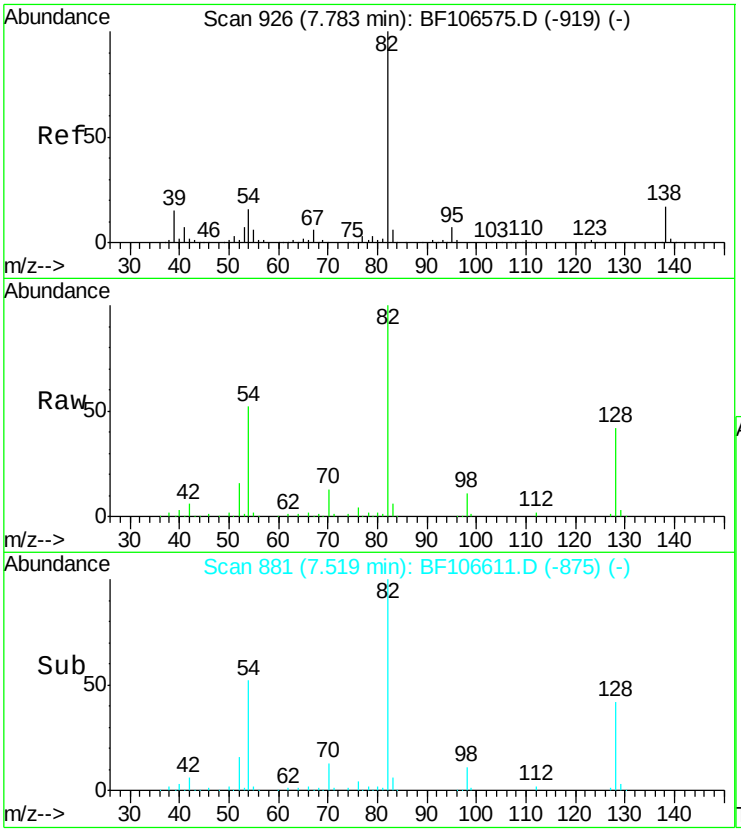


#23
Nitrobenzene-d5
Concen: 31.959 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Tgt Ion: 82 Resp: 206493

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	52.0	41.4	62.2



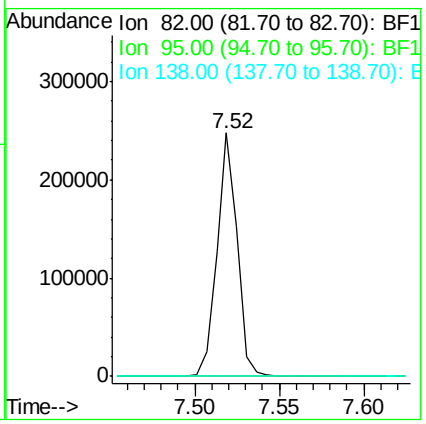


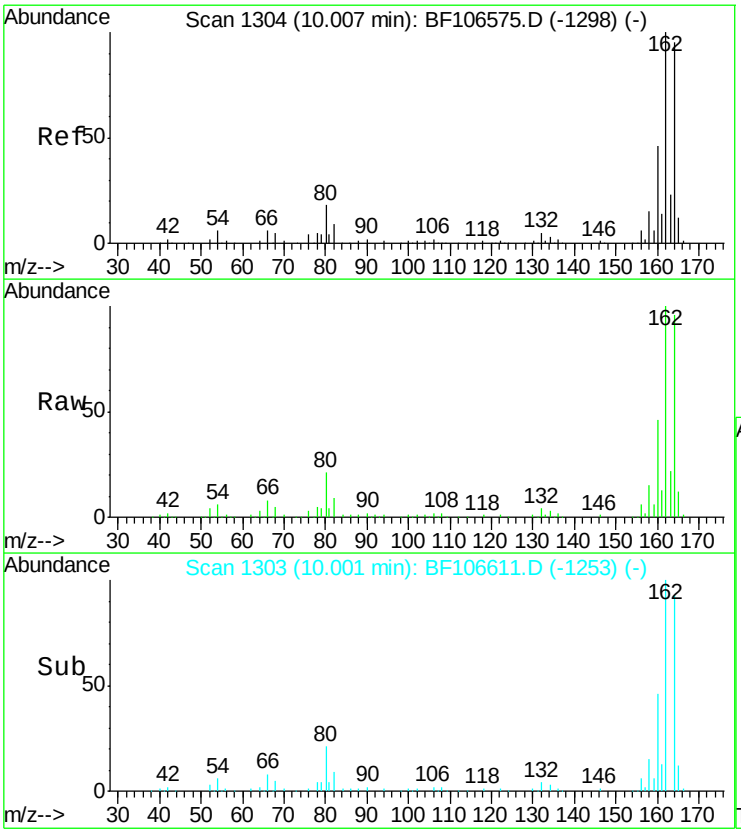
#25
Isophorone
Concen: 18.136 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 82 Resp: 206488

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

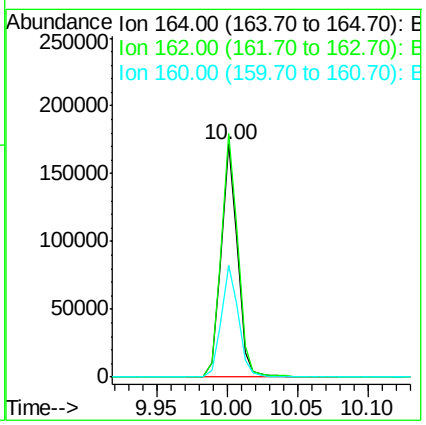


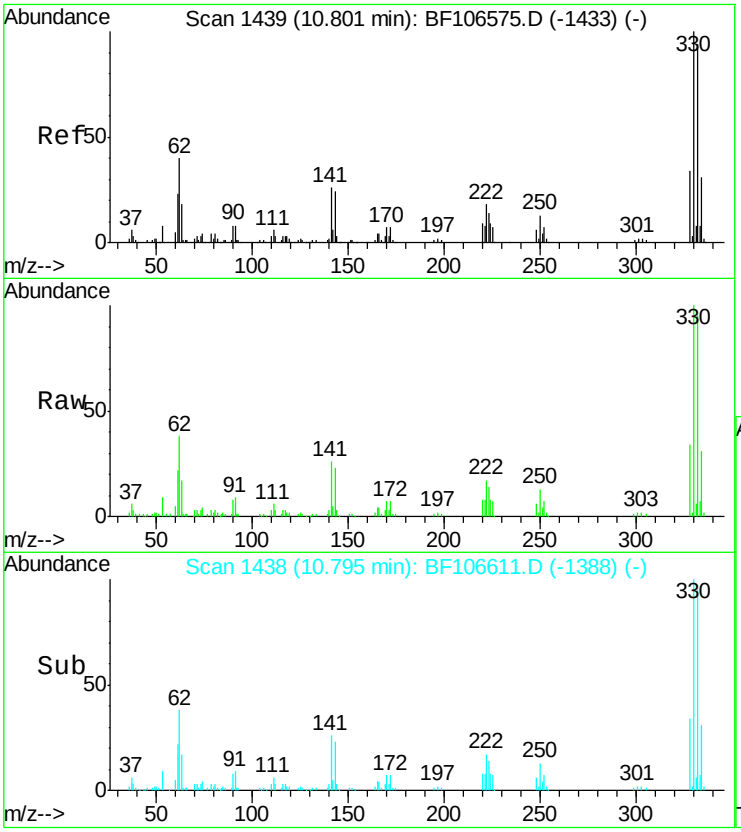


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Tgt Ion:164 Resp: 139472

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	48.1	38.3	57.5



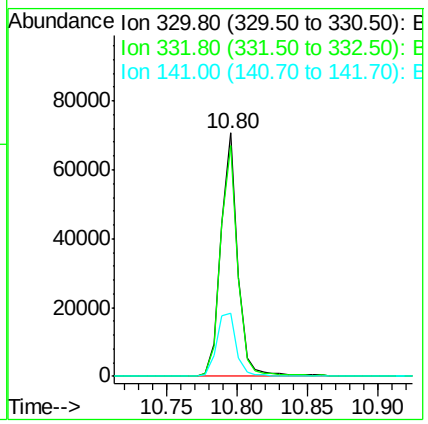


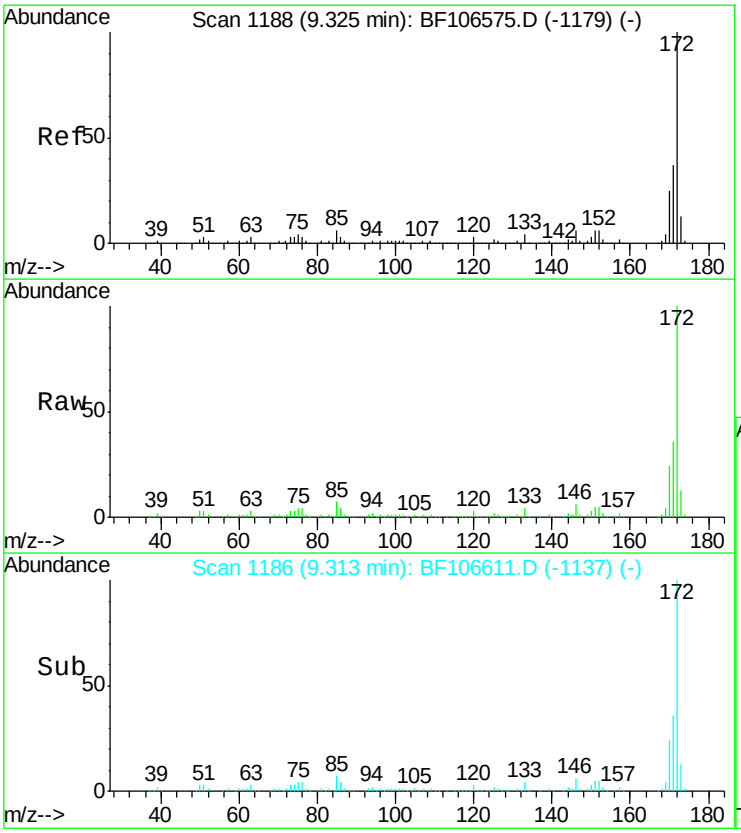
#41
2,4,6-Tribromophenol
Concen: 36.261 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:330 Resp: 58616

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	30.3	29.9	44.9

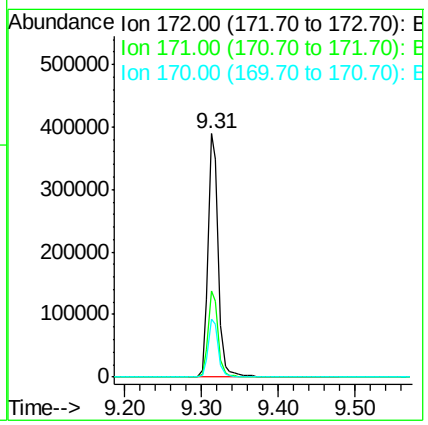


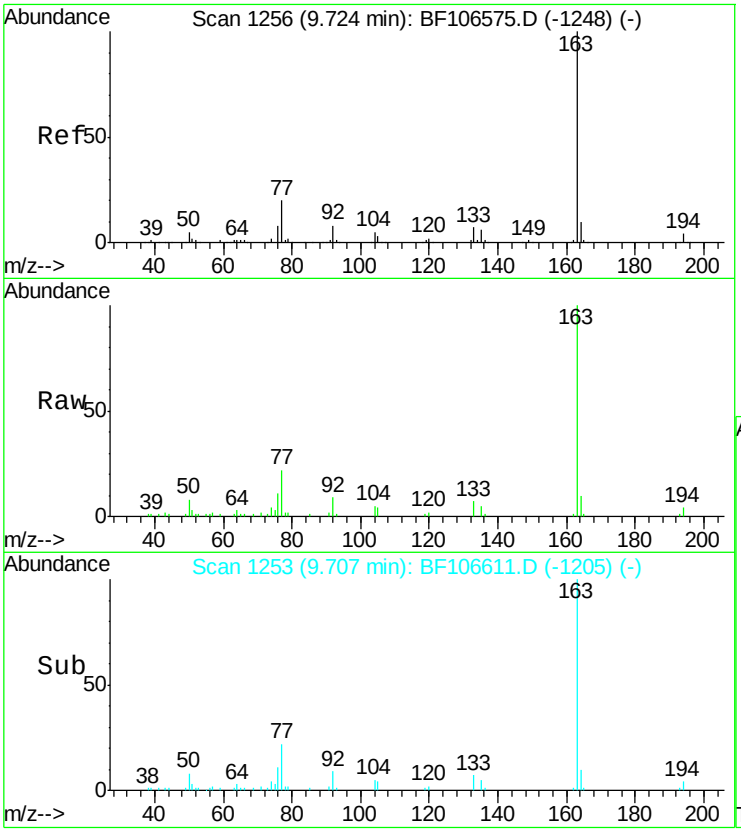


#44
2-Fluorobiphenyl
Concen: 34.799 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Tgt Ion:172 Resp: 358533

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.9	19.6	29.4



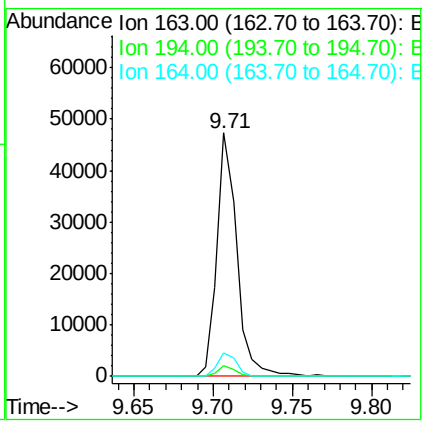


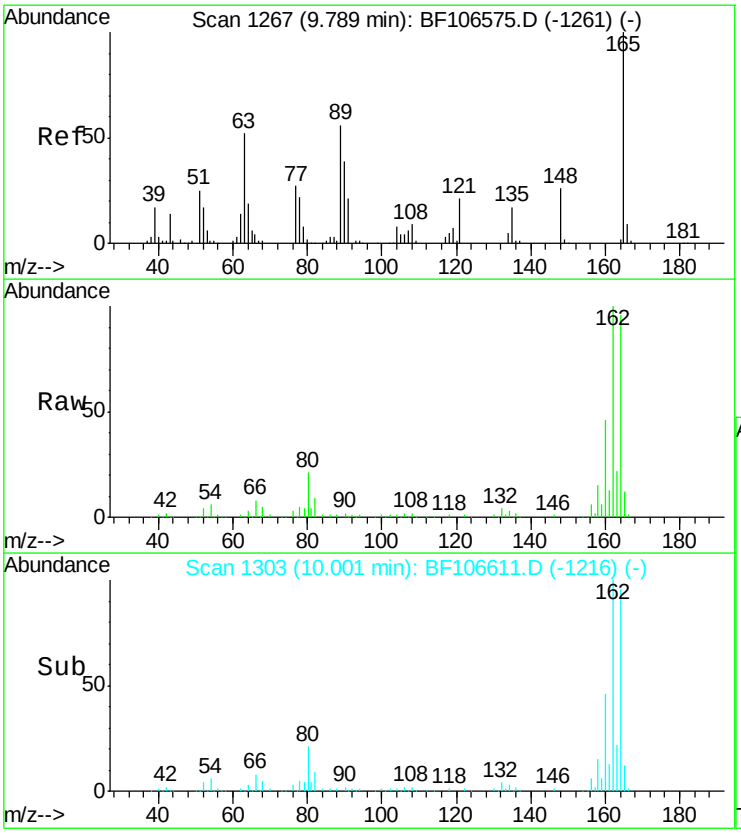
#49
Dimethylphthalate
Concen: 3.951 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:163 Resp: 41331

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.8	8.2	12.2

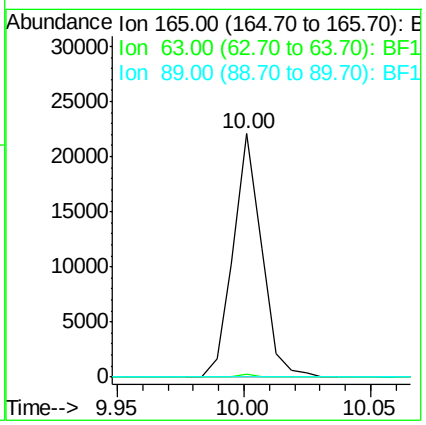


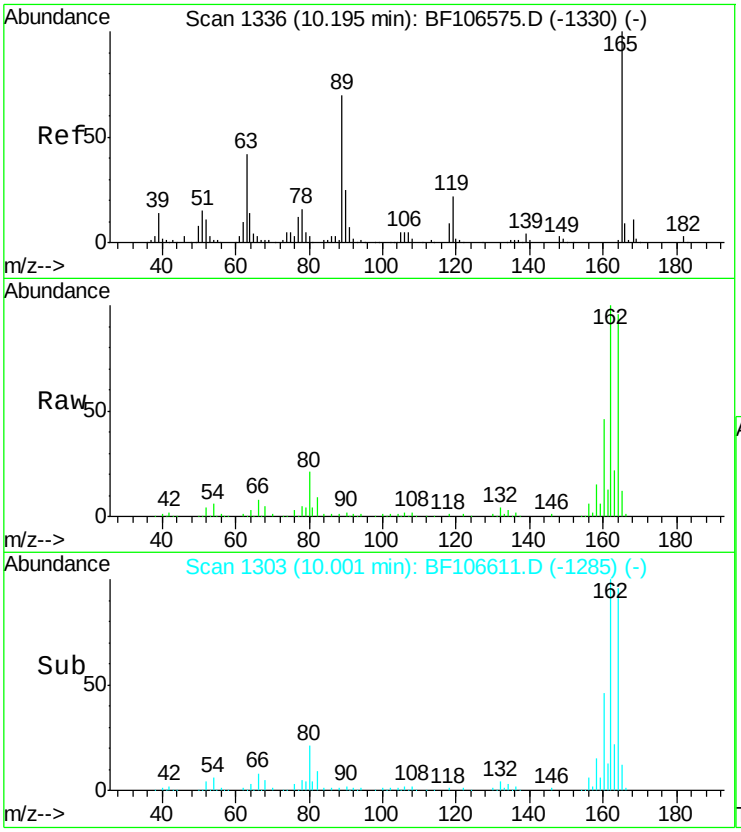


#50
2,6-Dinitrotoluene
Concen: 7.777 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Tgt Ion:165 Resp: 17227

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.0	44.0	66.0#



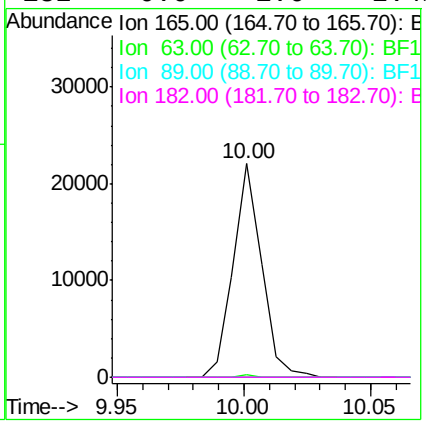


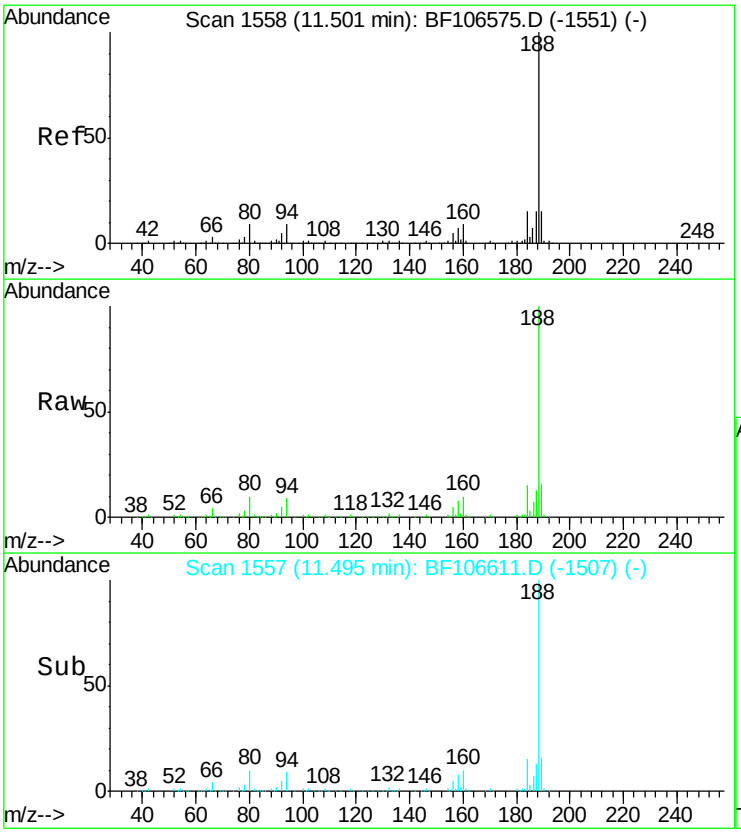
#56
2,4-Dinitrotoluene
Concen: 5.958 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:165 Resp: 17227

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

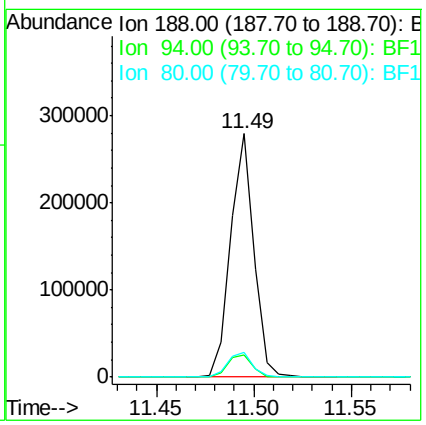


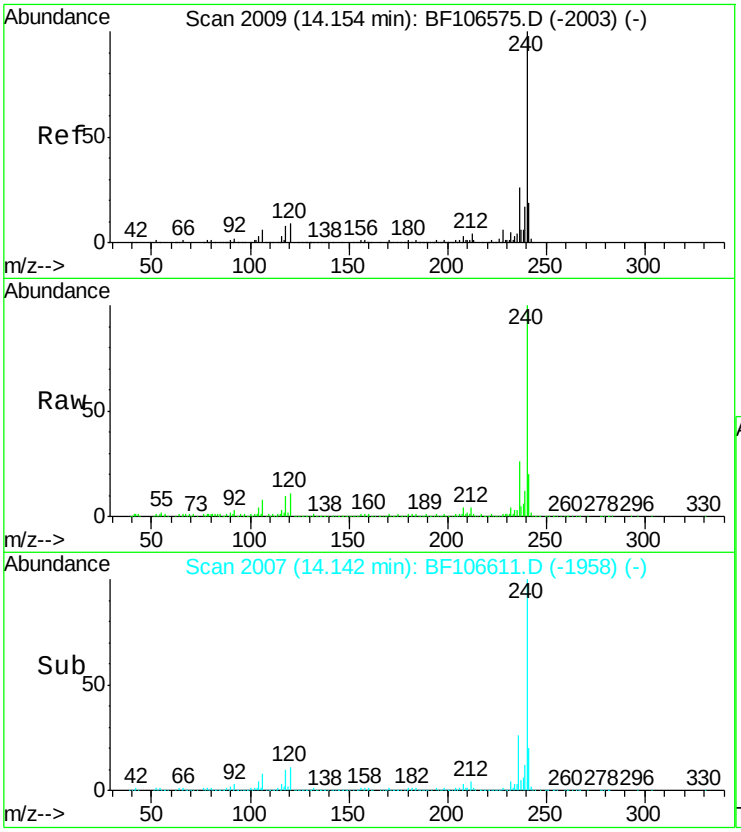


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Tgt Ion:188 Resp: 232399

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.2	9.2	13.8



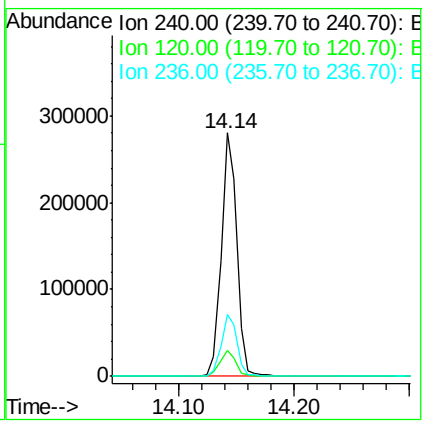


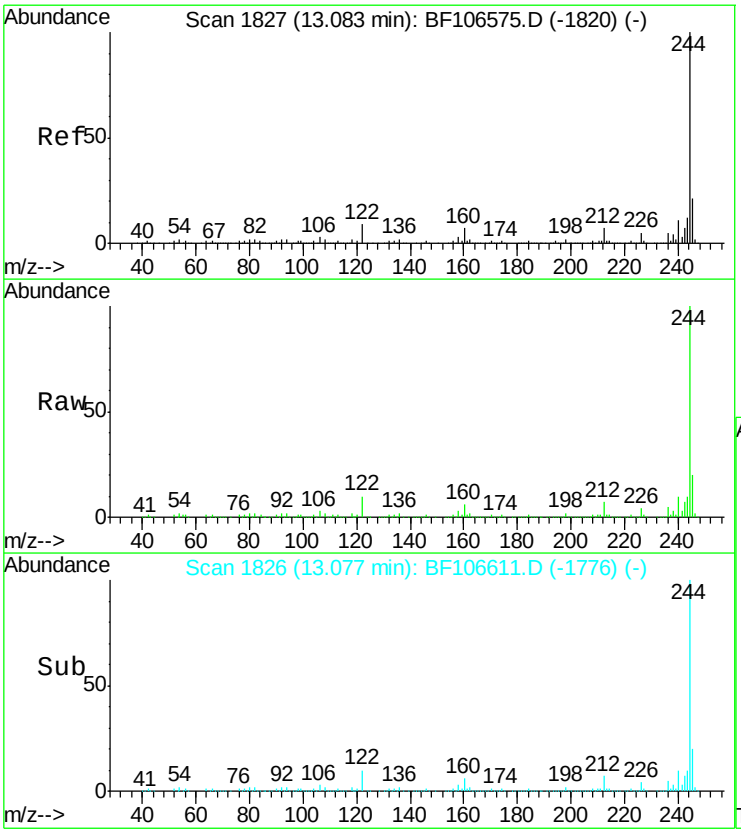
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:240 Resp: 261884

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.6	20.7	31.1

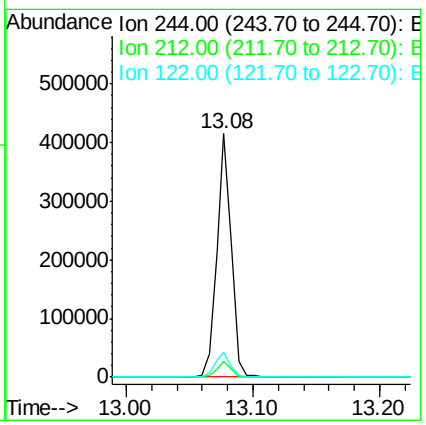


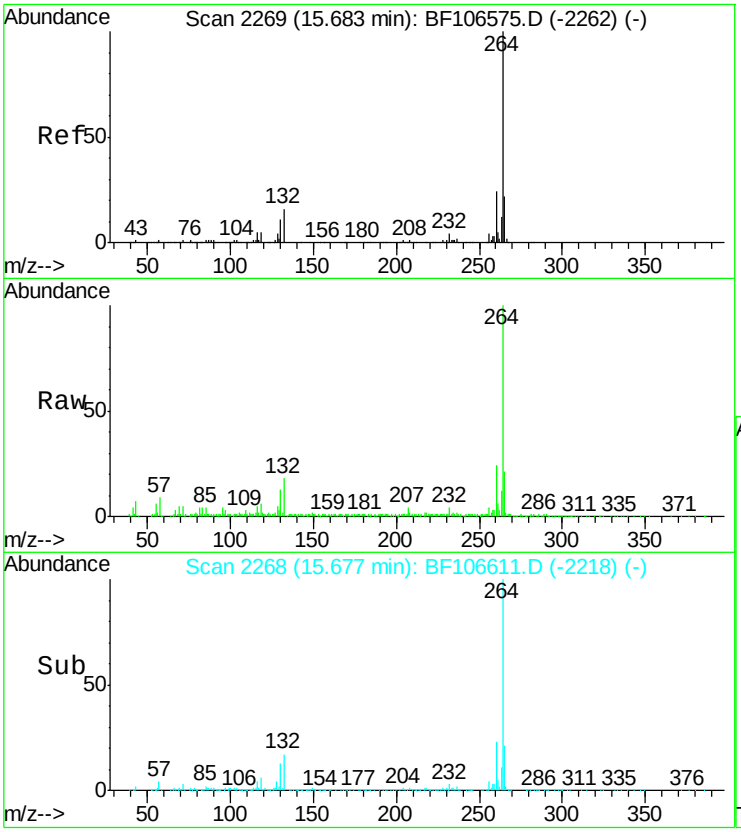


#78
Terphenyl-d14
Concen: 30.631 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Tgt Ion:244 Resp: 331162

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:264 Resp: 176123

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3