Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
Data File : BF106834.D
Acq On : 26 Jun 2018 20:20
Operator : JU/SJ
Sample : J3251-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-062518

Quant Time: Jun 27 01:10:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41245	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	149030	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	64990	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	128489	20.00	ng	0.00
75) Chrysene-d12	14.15	240	131281	20.00	ng	-0.01
86) Perylene-d12	15.70	264	88120	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	81798	33.58	ng	0.00
7) Phenol-d6	6.60	99	102764	33.78	ng	-0.01
23) Nitrobenzene-d5	7.52	82	53970	20.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	23103	30.67	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	126967	22.16	ng	-0.01
78) Terphenyl-d14	13.08	244	158365	29.22	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	6781	3.382	ng	# 76
25) Isophorone	7.52	82	53969	11.421	ng	# 64
49) Dimethylphthalate	9.71	163	12237	2.510	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	8419	8.157	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8419	6.249	ng	# 21

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
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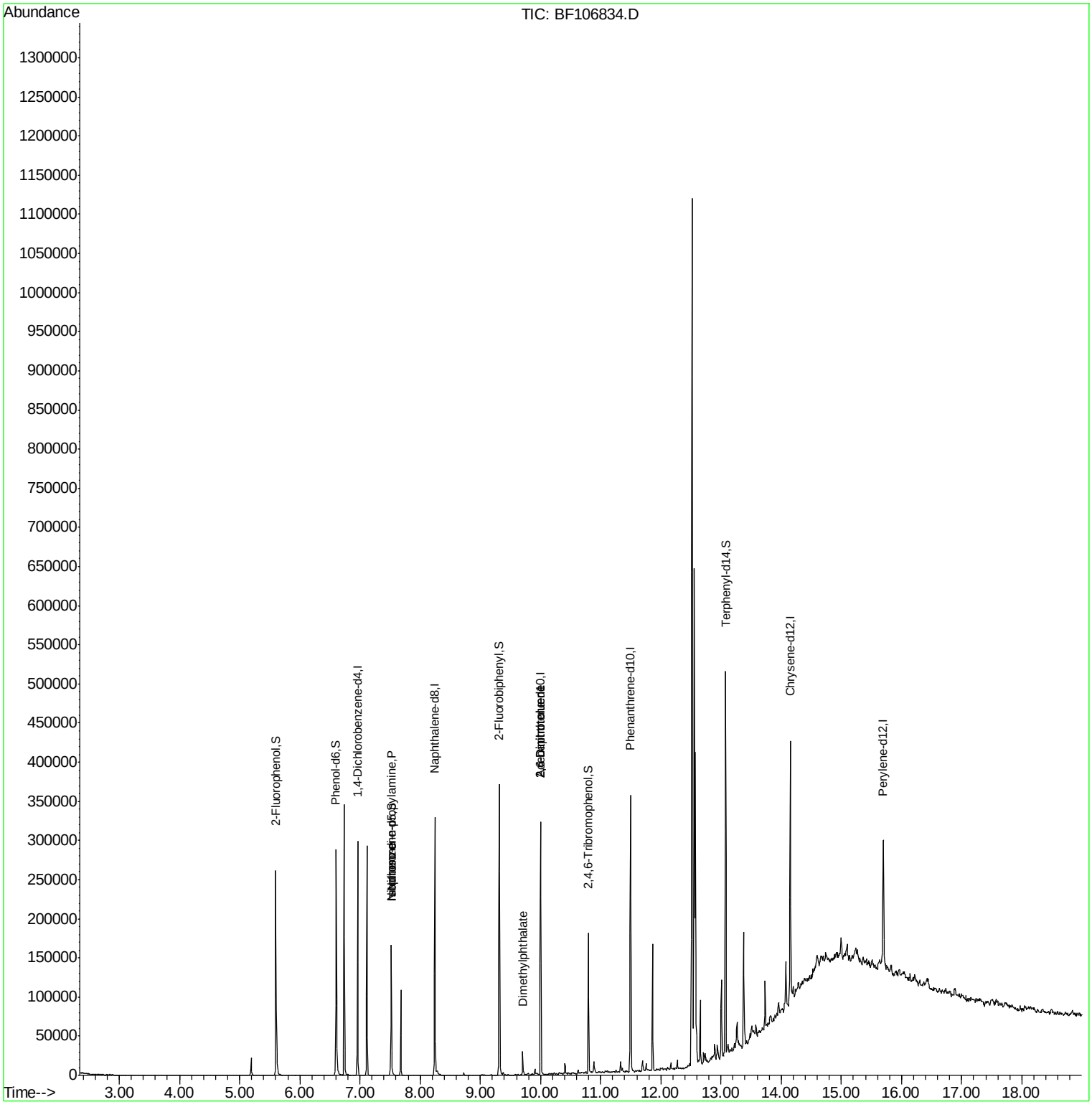
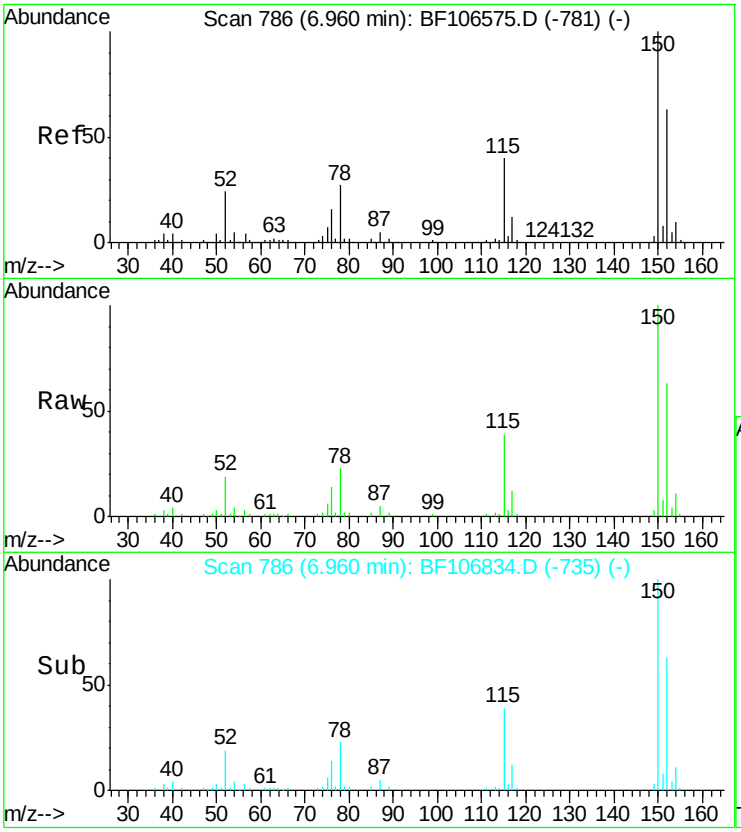


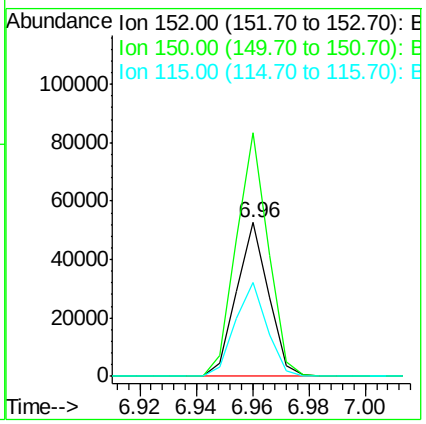


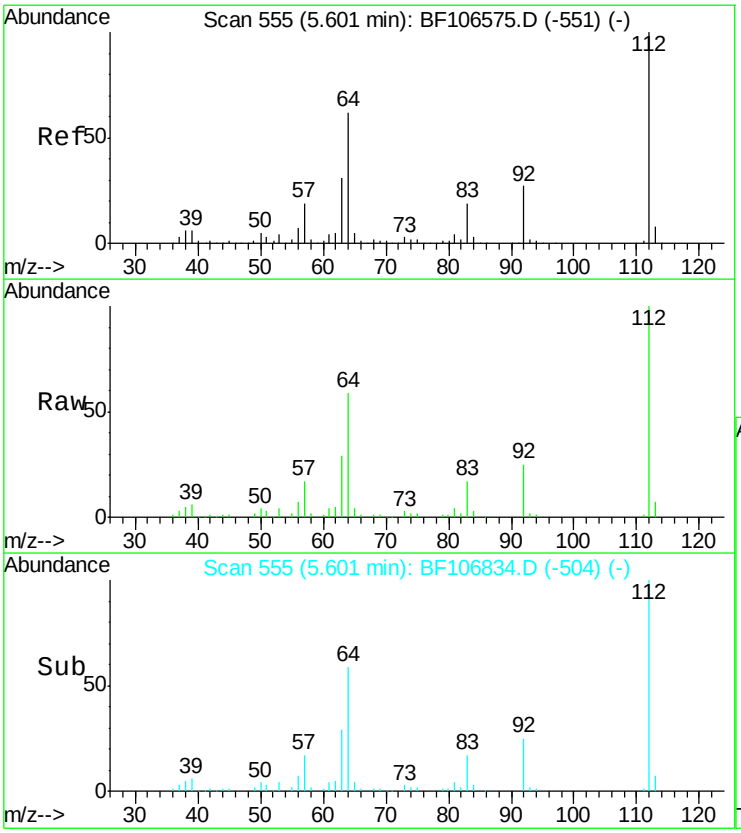
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Instrument :
BNA_F
ClientSampleId :
SU-02-062518

Tgt Ion:152 Resp: 41245

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	61.1	50.1	75.1

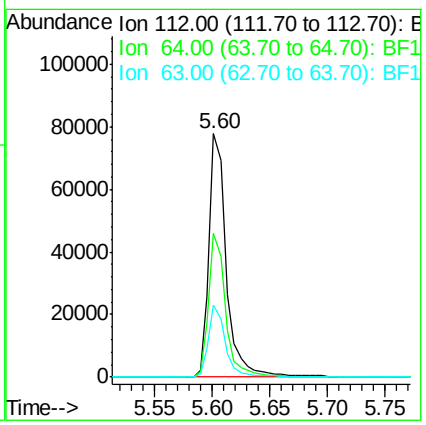


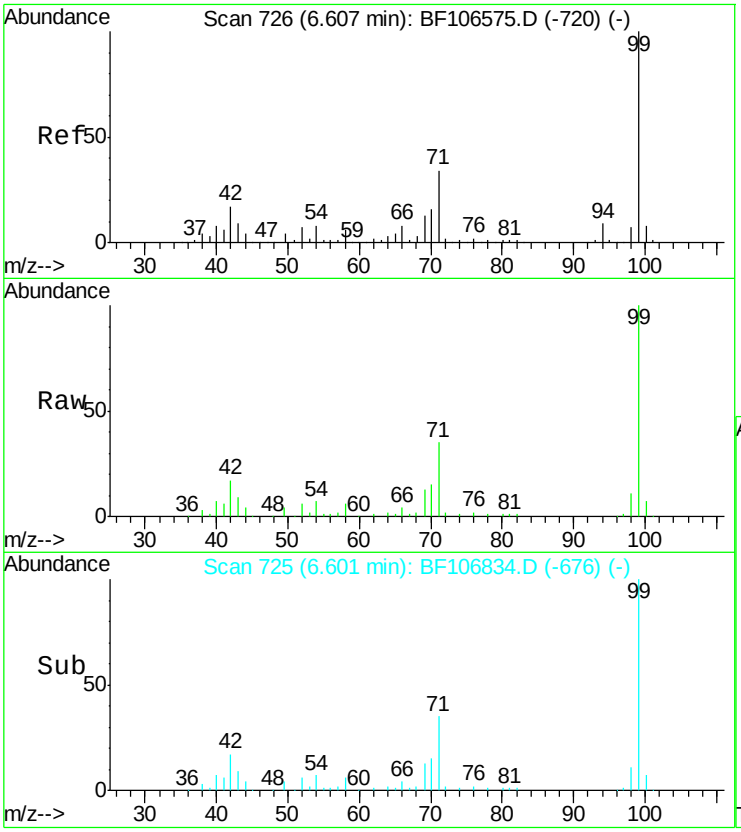


#5
2-Fluorophenol
Concen: 33.582 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Tgt Ion:112 Resp: 81798

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	29.5	23.7	35.5



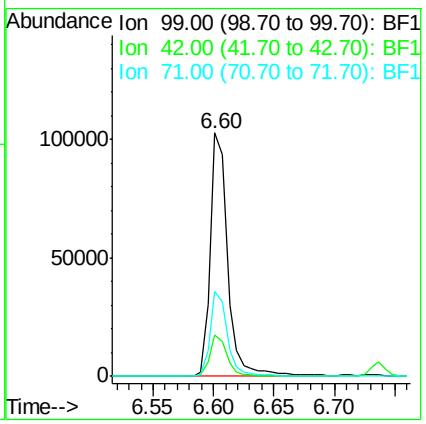


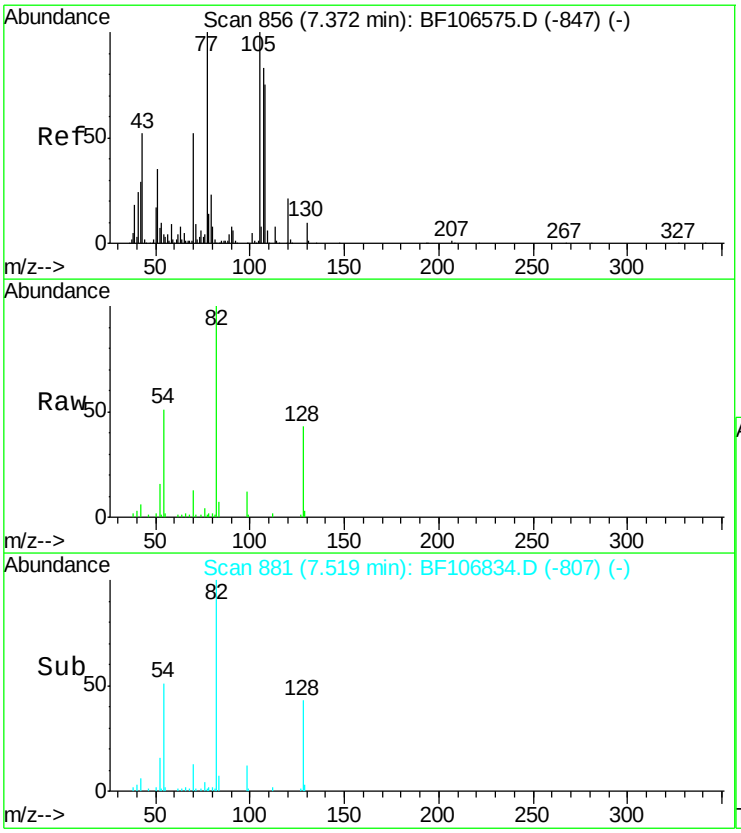
#7
Phenol-d6
Concen: 33.784 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Instrument :
BNA_F
ClientSampleId :
SU-02-062518

Tgt Ion: 99 Resp: 102764

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.5	21.7
71	35.1	25.4	38.0

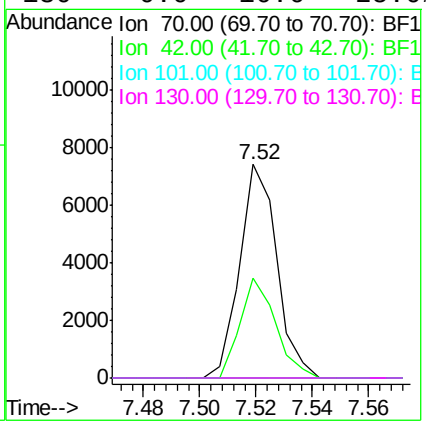


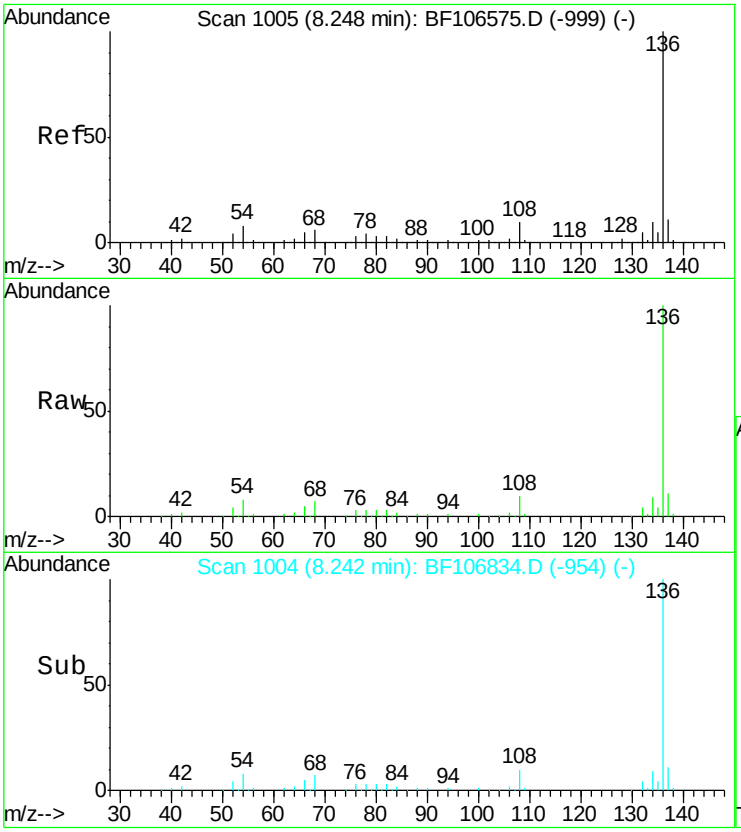


#19
n-Nitroso-di-n-propylamine
Concen: 3.382 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Tgt Ion: 70 Resp: 6781

Ion	Ratio	Lower	Upper
70	100		
42	46.6	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



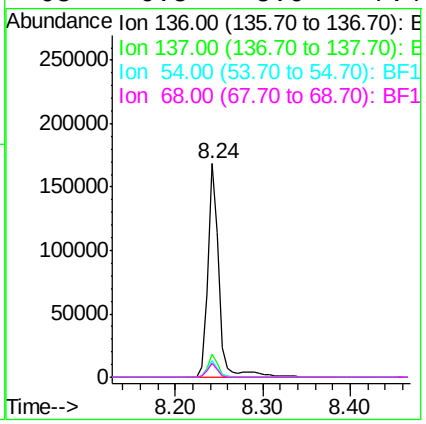


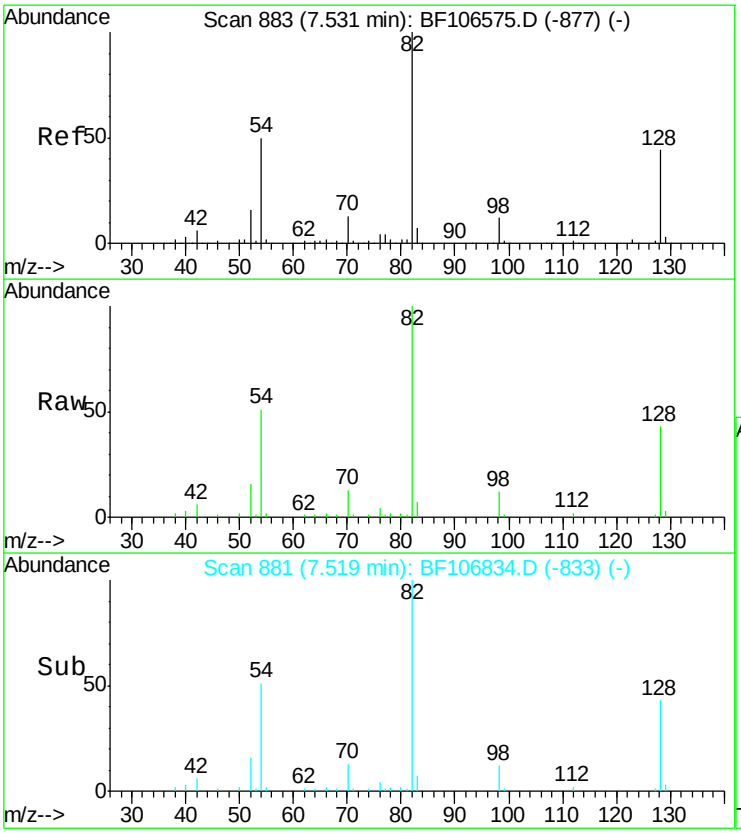
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Instrument :
BNA_F
ClientSampleId :
SU-02-062518

Tgt Ion:136 Resp: 149030

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.0	6.6	9.8
68	6.5	5.0	7.4

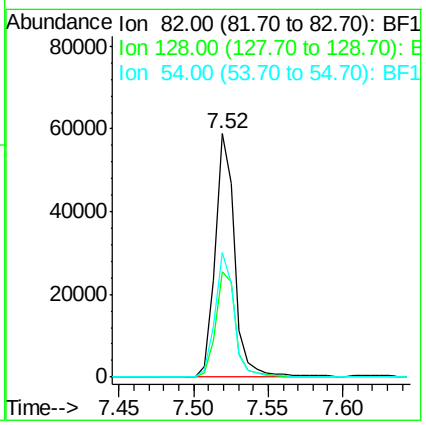


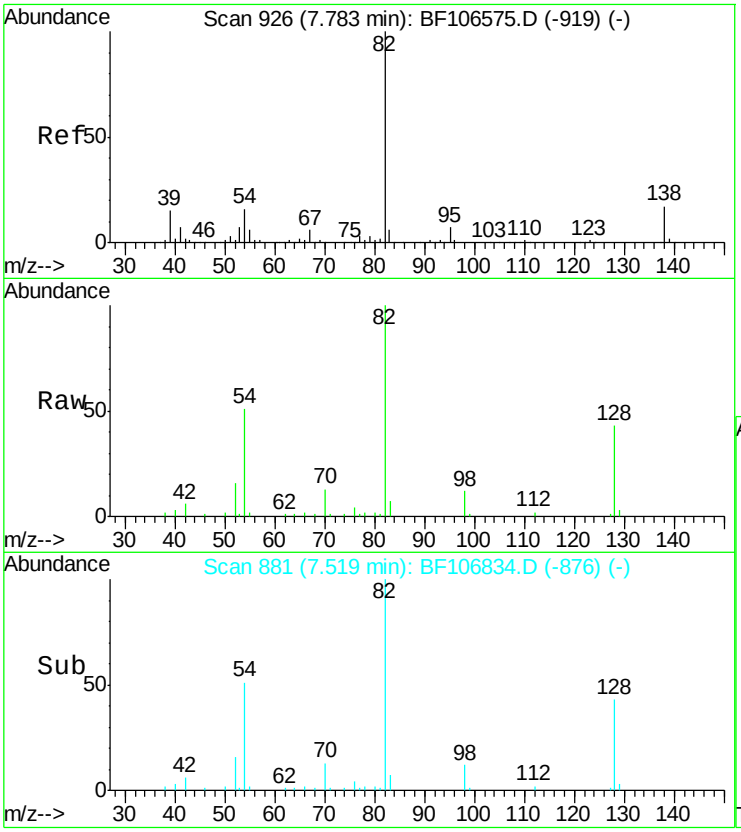


#23
Nitrobenzene-d5
Concen: 20.126 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Tgt Ion: 82 Resp: 53970

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	50.9	41.4	62.2



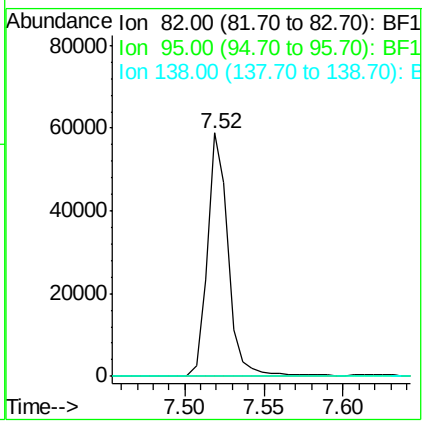


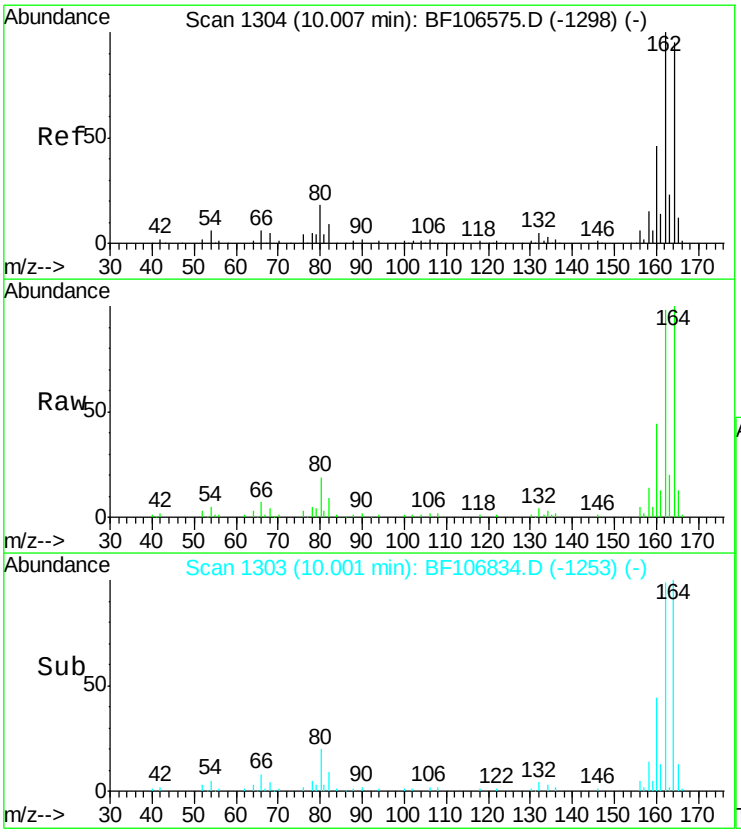
#25
Isophorone
Concen: 11.421 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Instrument :
BNA_F
ClientSampleId :
SU-02-062518

Tgt Ion: 82 Resp: 53969

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

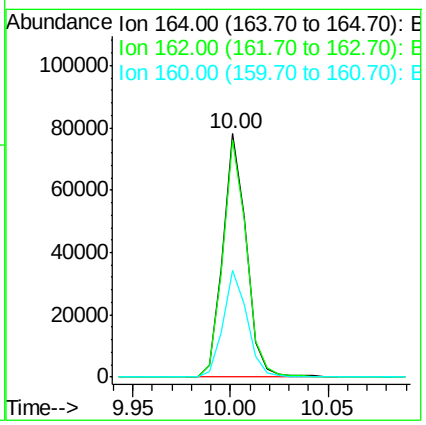


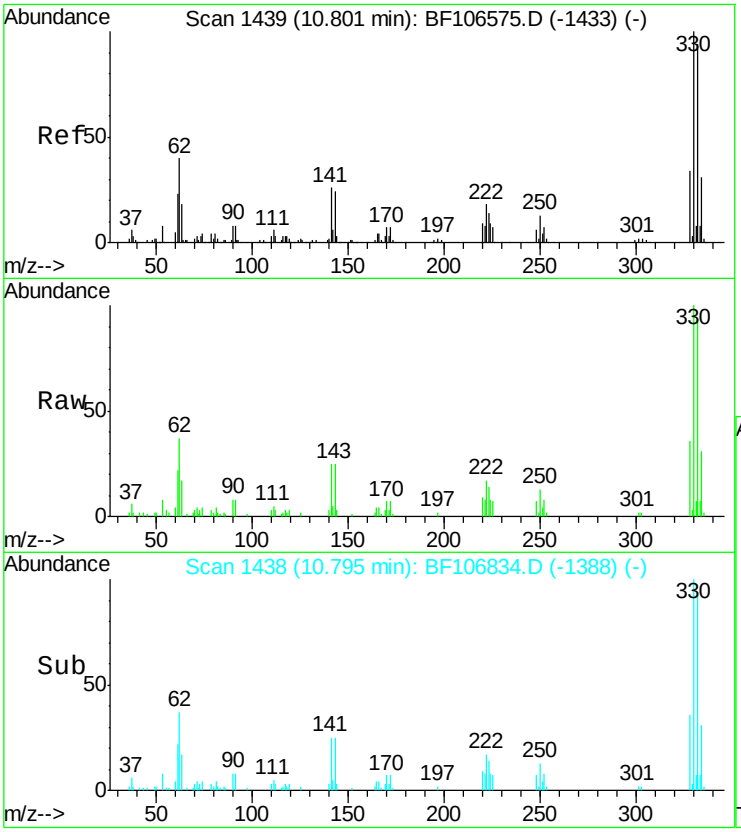


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Tgt Ion:164 Resp: 64990

Ion	Ratio	Lower	Upper
164	100		
162	97.5	86.1	129.1
160	43.5	38.3	57.5



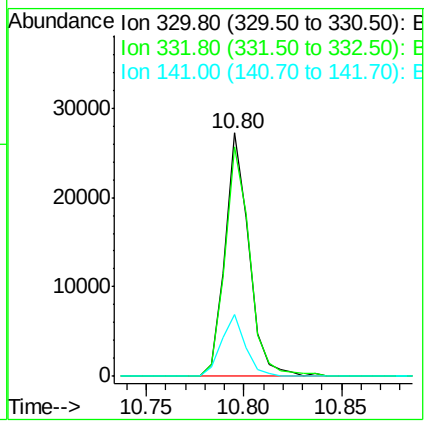


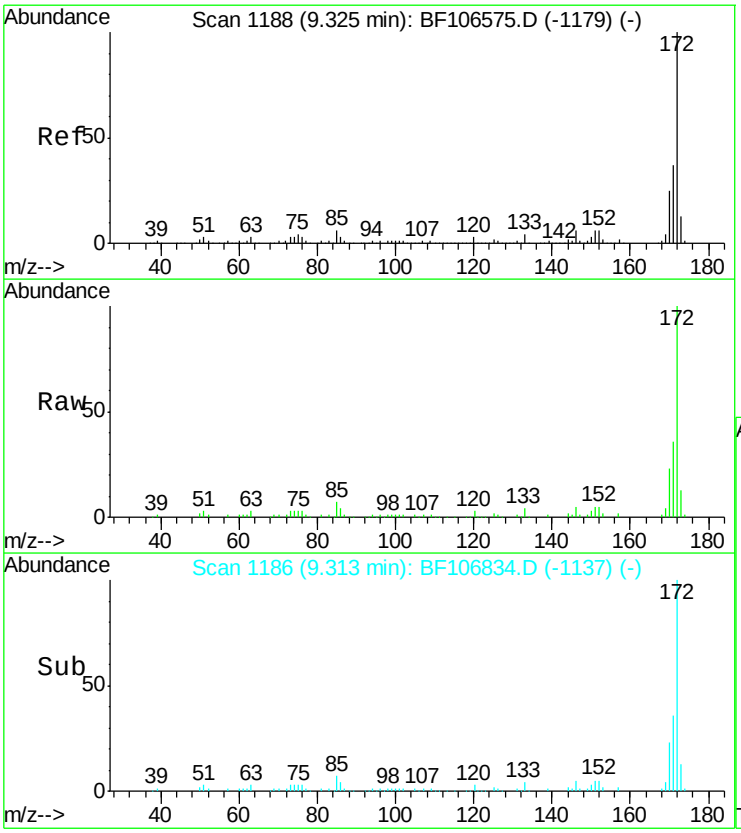
#41
2,4,6-Tribromophenol
Concen: 30.671 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Instrument :
BNA_F
ClientSampleId :
SU-02-062518

Tgt Ion:330 Resp: 23103

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	25.4	29.9	44.9#

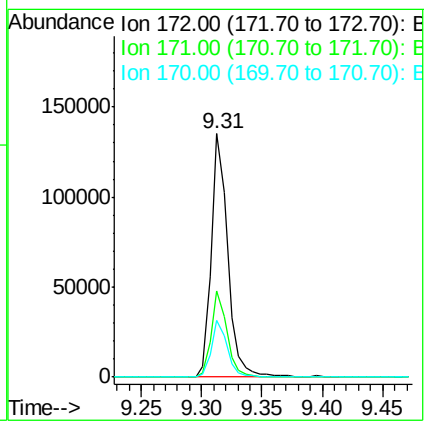


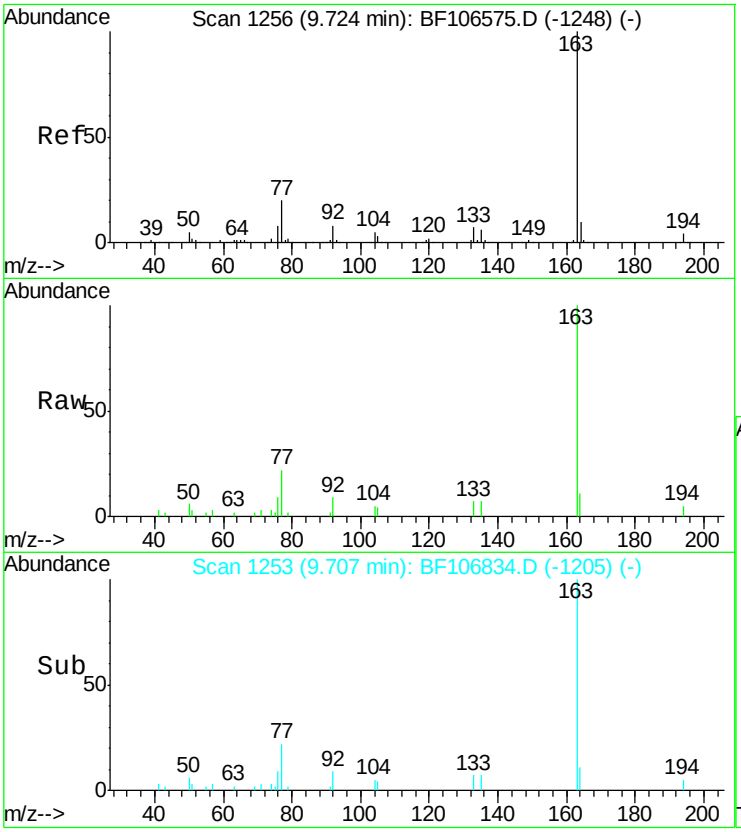


#44
2-Fluorobiphenyl
Concen: 22.163 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Tgt Ion:172 Resp: 126967

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.2	19.6	29.4



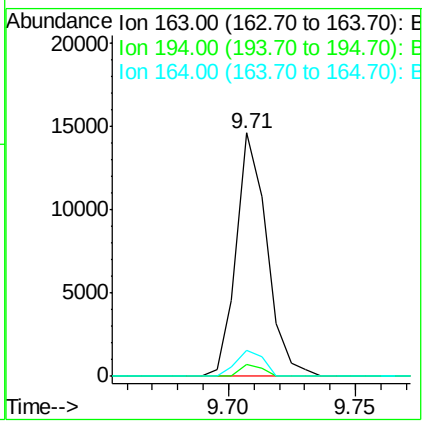


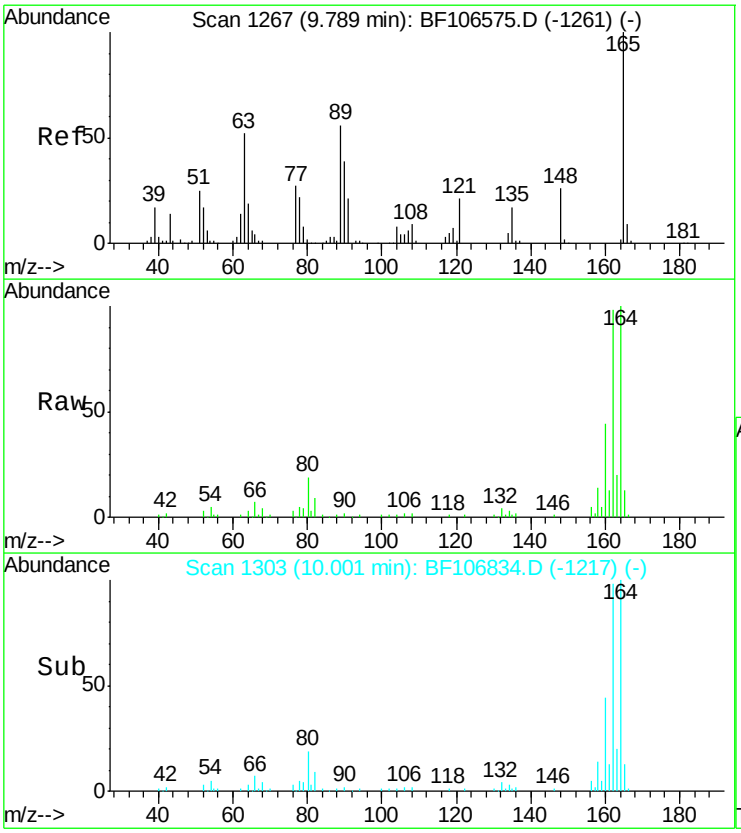
#49
Dimethylphthalate
Concen: 2.510 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Instrument :
BNA_F
ClientSampleId :
SU-02-062518

Tgt Ion:163 Resp: 12237

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	10.7	8.2	12.2

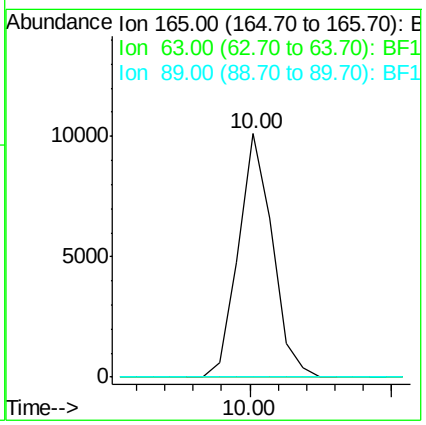


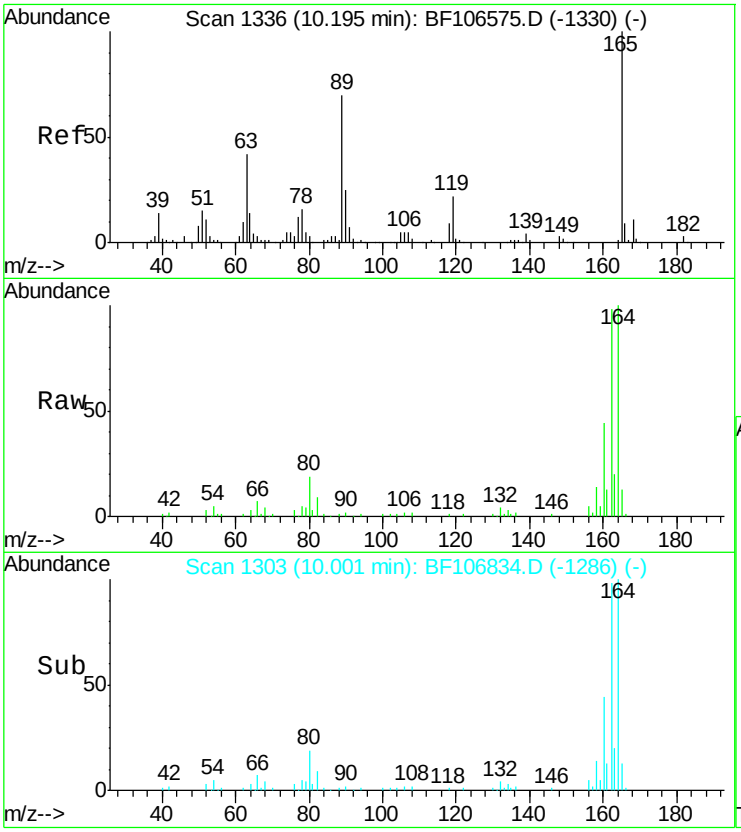


#50
2,6-Dinitrotoluene
Concen: 8.157 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Tgt Ion:165 Resp: 8419

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



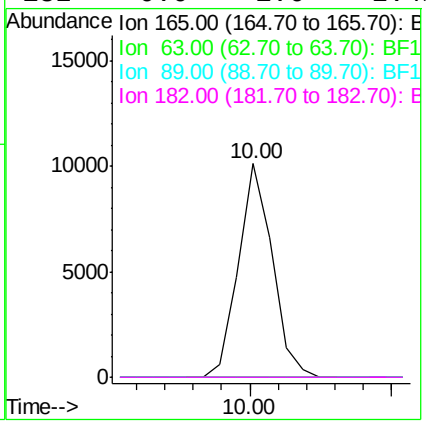


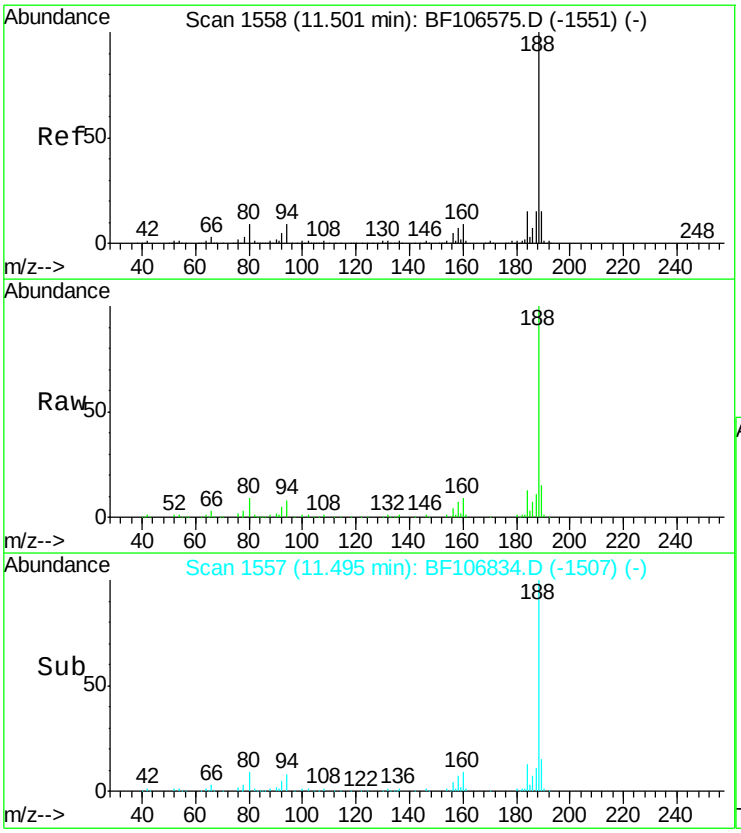
#56
2,4-Dinitrotoluene
Concen: 6.249 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Instrument :
BNA_F
ClientSampleId :
SU-02-062518

Tgt Ion:165 Resp: 8419

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

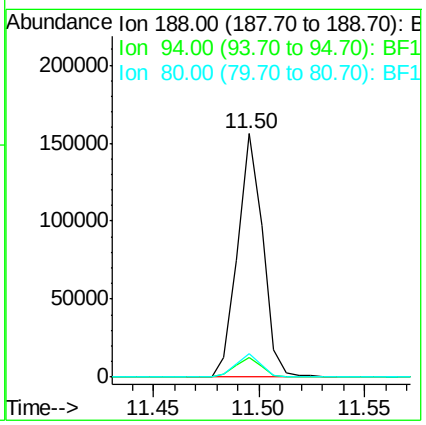


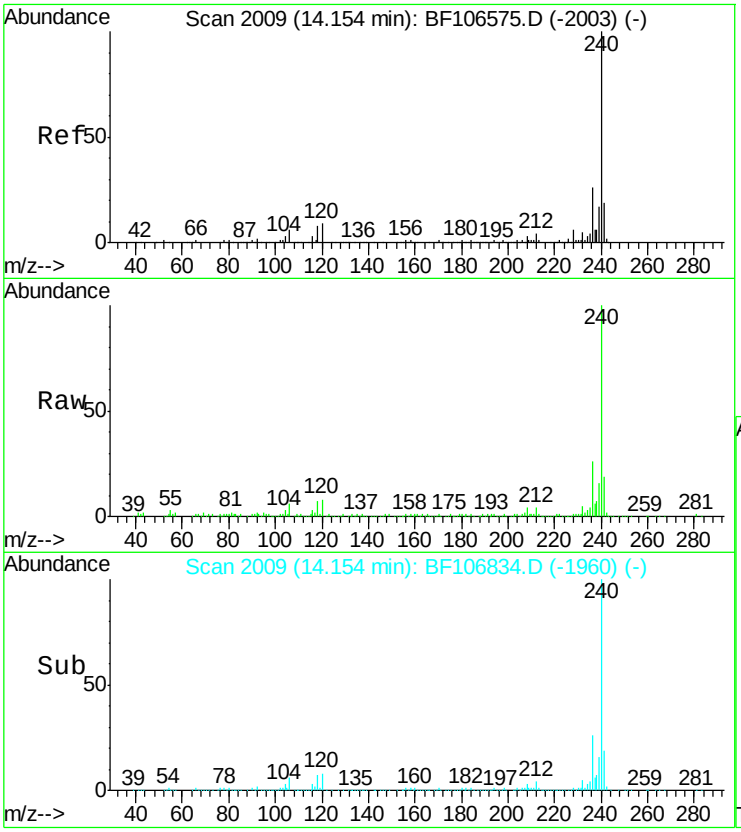


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Tgt Ion:188 Resp: 128489

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.5	9.2	13.8



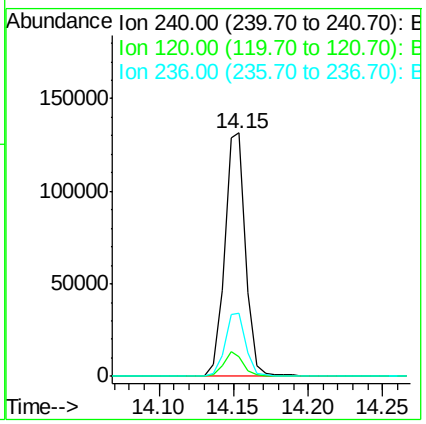


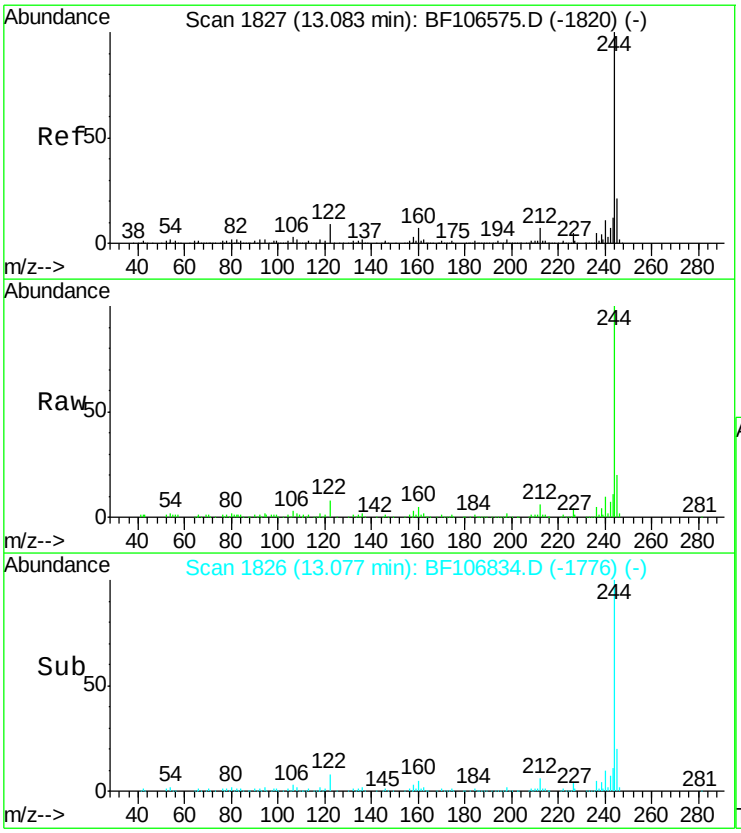
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Instrument :
BNA_F
ClientSampleId :
SU-02-062518

Tgt Ion:240 Resp: 131281

Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.5	14.3#
236	25.7	20.7	31.1

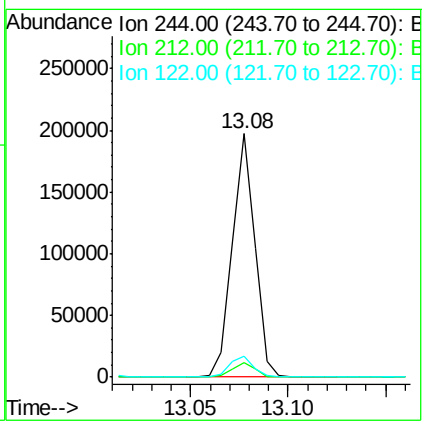


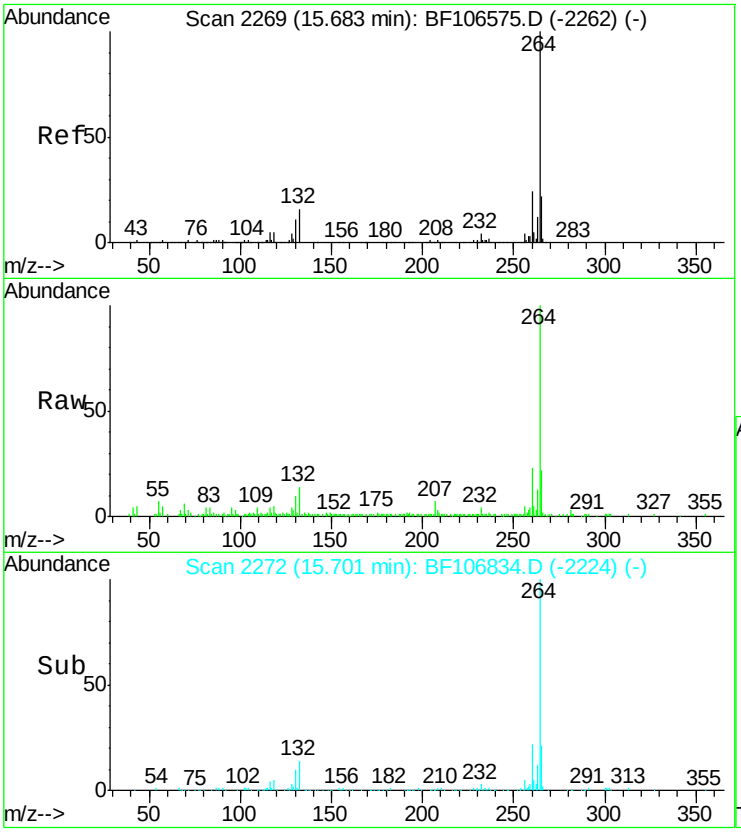


#78
Terphenyl-d14
Concen: 29.220 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Tgt Ion:244 Resp: 158365

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF106834.D
Acq: 26 Jun 2018 20:20

Instrument :
BNA_F
ClientSampleId :
SU-02-062518

Tgt Ion:264 Resp: 88120

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	17.5	26.3