Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
Data File : BF106614.D
Acq On : 20 Jun 2018 6:19
Operator : JU/SJ
Sample : J3548-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 061318-DBRI-E-U-B

Quant Time: Jun 20 07:48:30 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	99199	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	335345	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	128703	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	216932	20.00	ng	0.00
75) Chrysene-d12	14.15	240	259083	20.00	ng	0.00
86) Perylene-d12	15.68	264	181559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	271176	46.29	ng	0.00
7) Phenol-d6	6.60	99	222055	30.35	ng	-0.01
23) Nitrobenzene-d5	7.52	82	598948	99.26	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	129072	86.53	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	919744	128.51	ng	0.00
78) Terphenyl-d14	13.08	244	941563	88.03	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	79642	16.515	ng	# 74
25) Isophorone	7.52	82	598937	56.327	ng	# 64
49) Dimethylphthalate	9.71	163	46385	4.805	ng	97
50) 2,6-Dinitrotoluene	10.00	165	16341	7.994	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	16341	6.125	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	8207	3.170	ng	# 1

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

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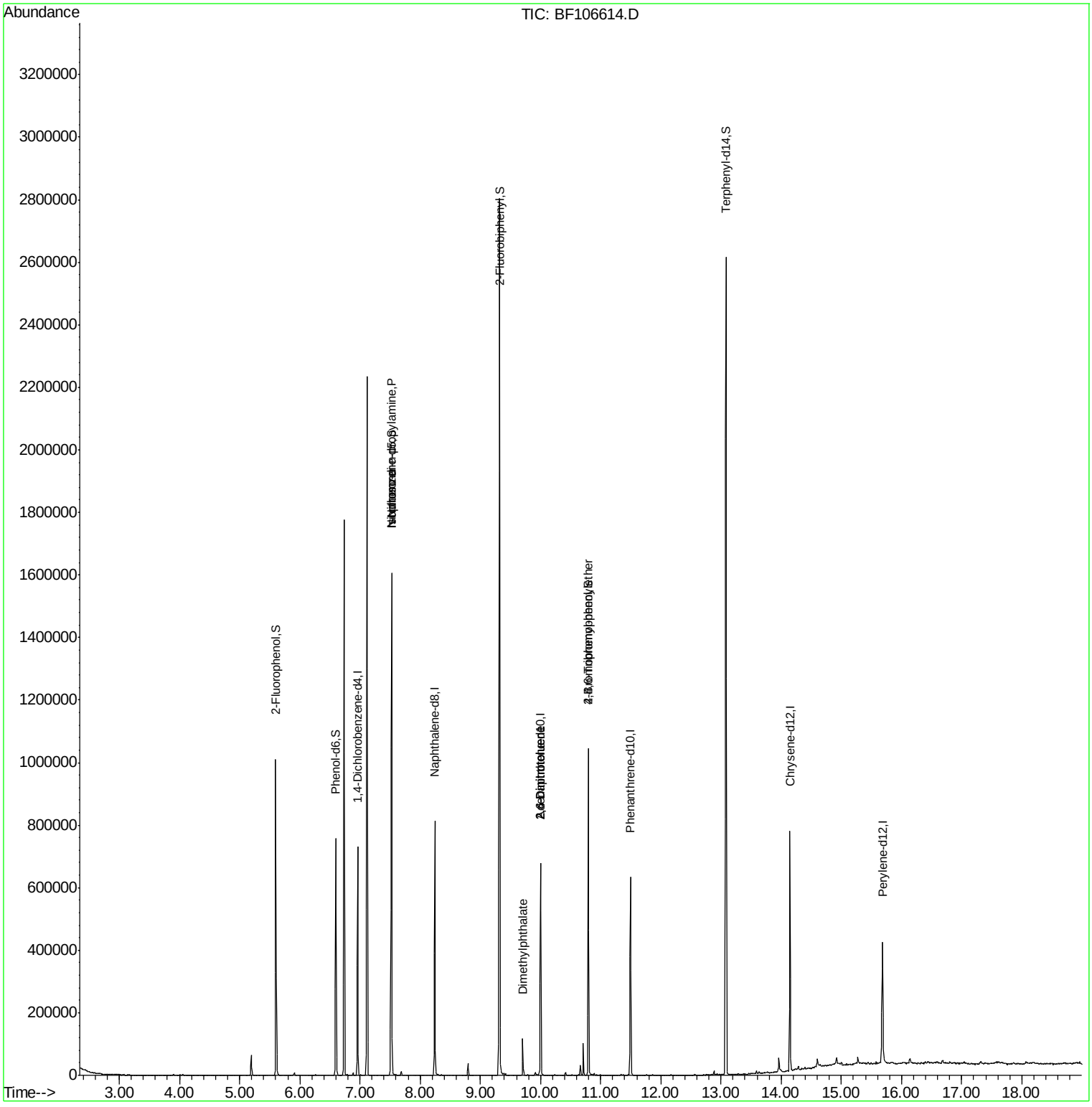
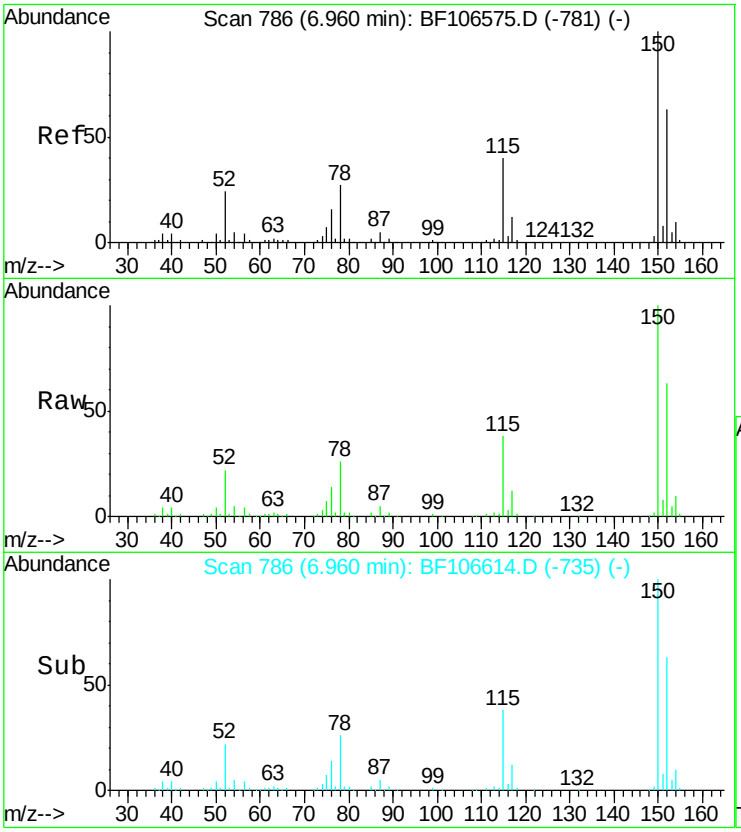


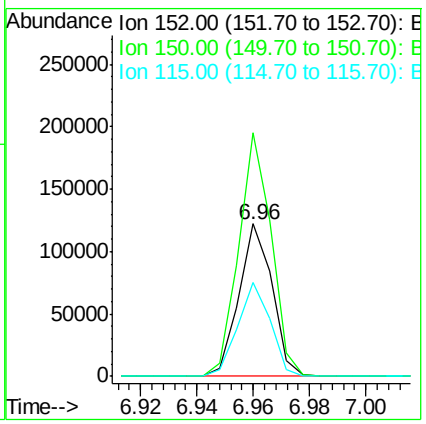


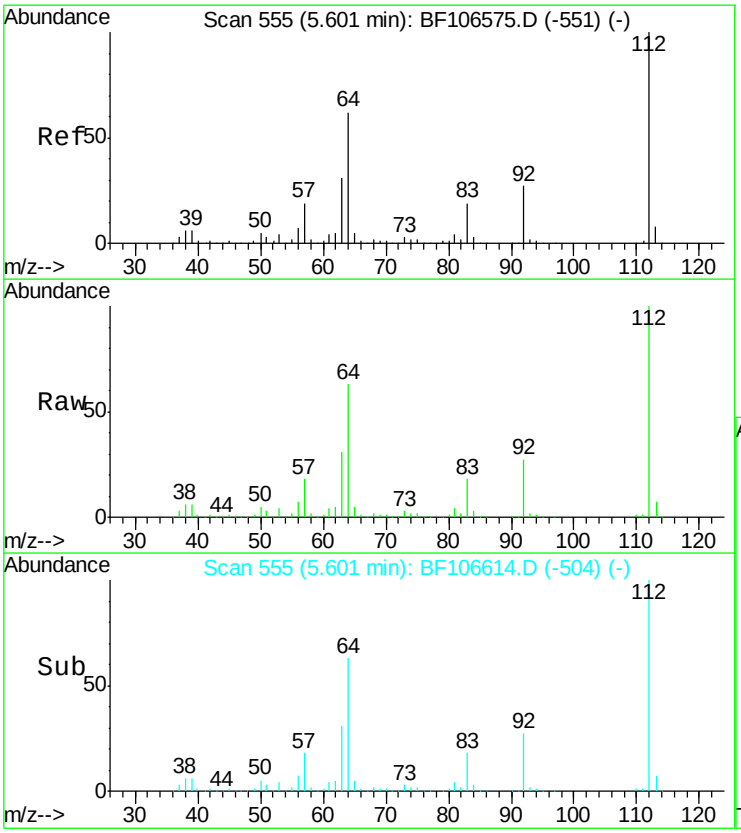
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

Tgt Ion:152 Resp: 99199

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	61.5	50.1	75.1

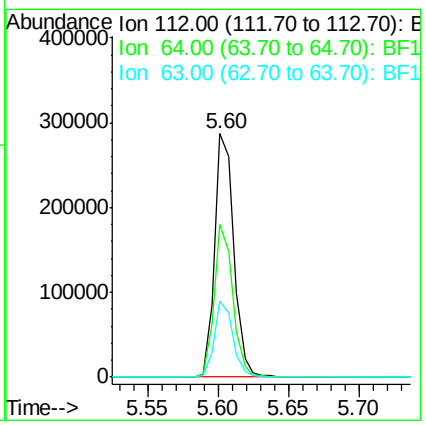


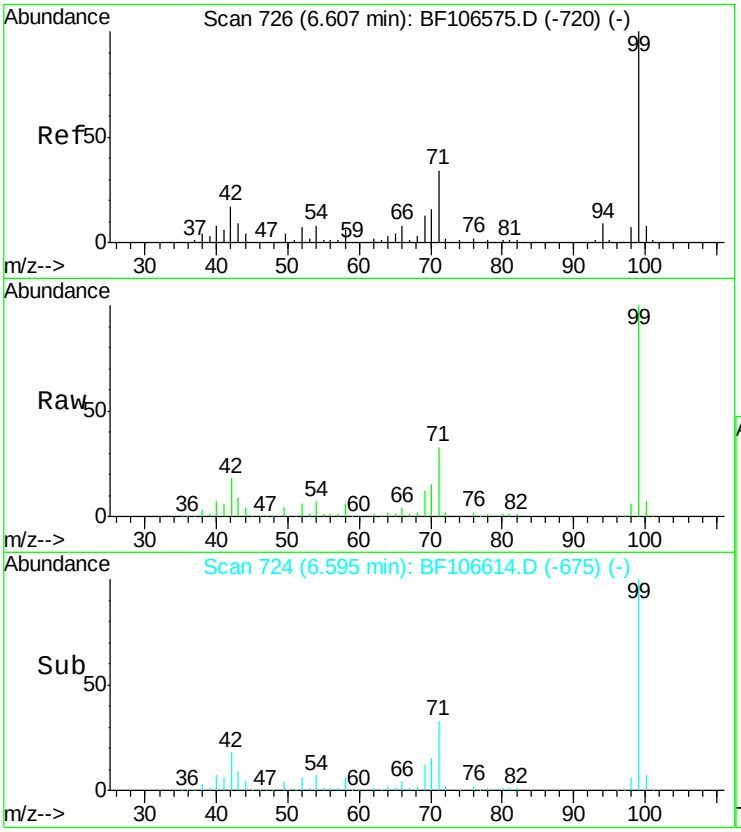


#5
2-Fluorophenol
Concen: 46.289 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion:112 Resp: 271176

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	31.1	23.7	35.5



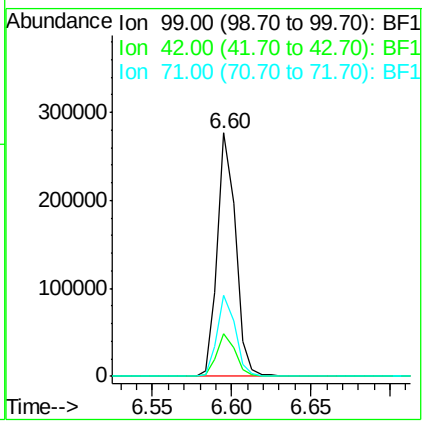


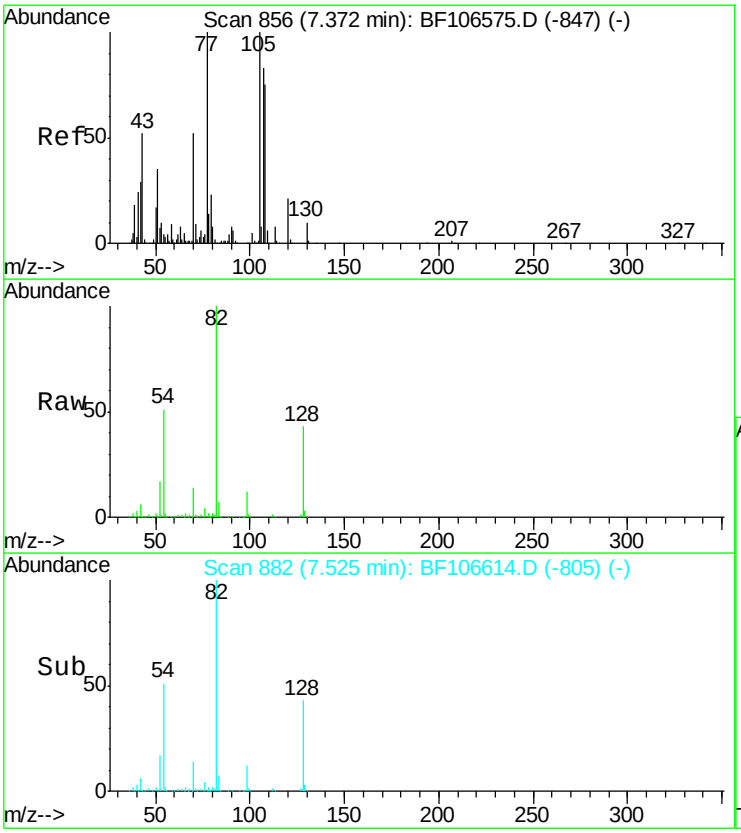
#7
Phenol-d6
Concen: 30.353 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

Tgt Ion: 99 Resp: 222055

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	33.3	25.4	38.0

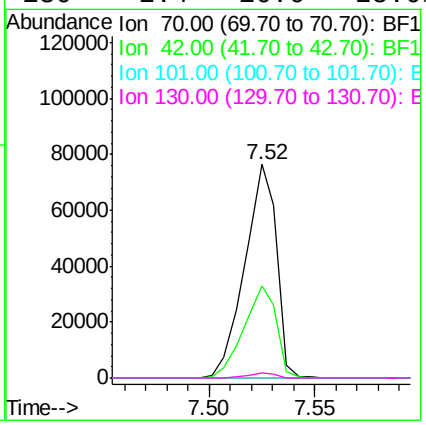


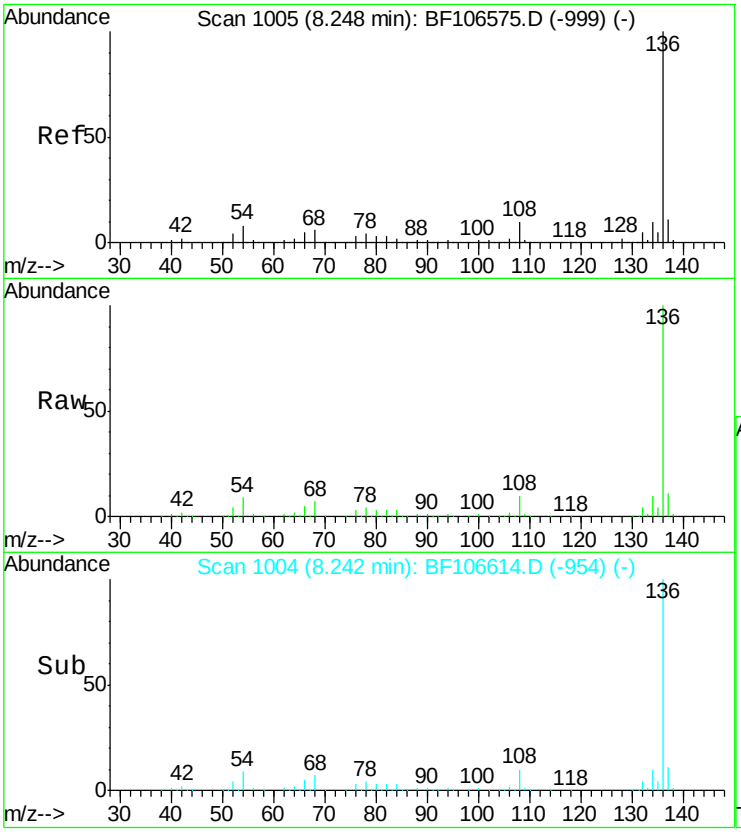


#19
n-Nitroso-di-n-propylamine
Concen: 16.515 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion: 70 Resp: 79642

Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



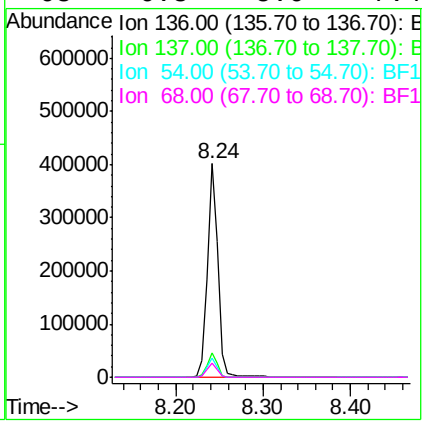


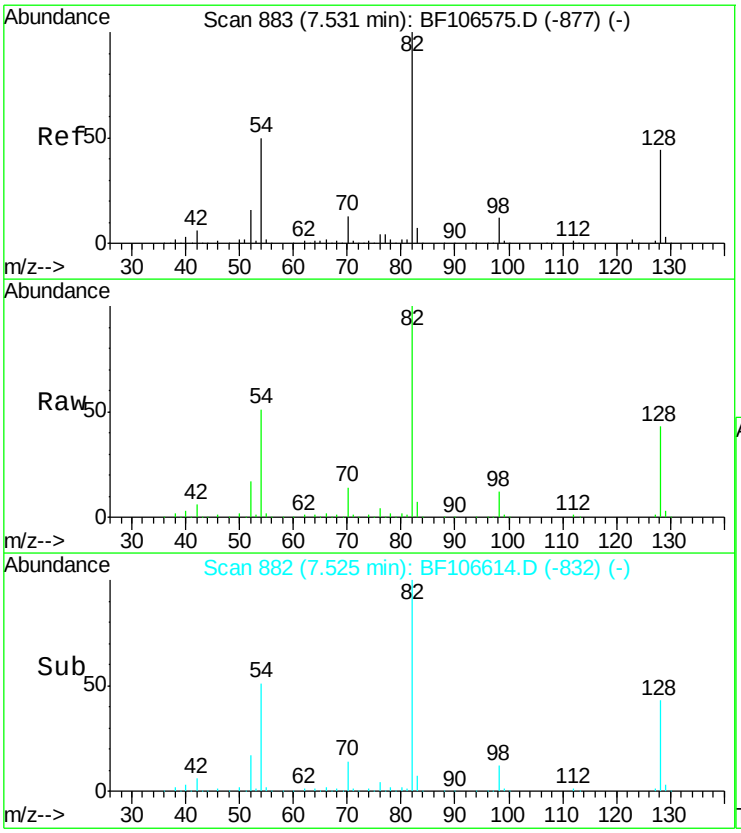
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

Tgt Ion:136 Resp: 335345

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.7	6.6	9.8
68	6.8	5.0	7.4

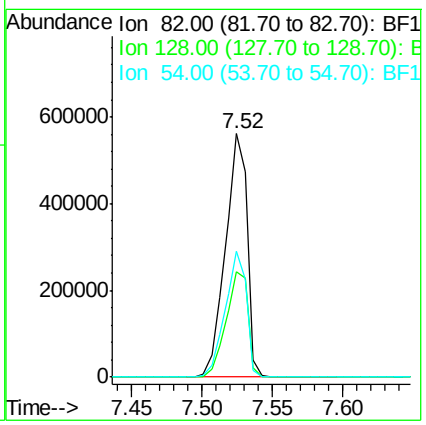


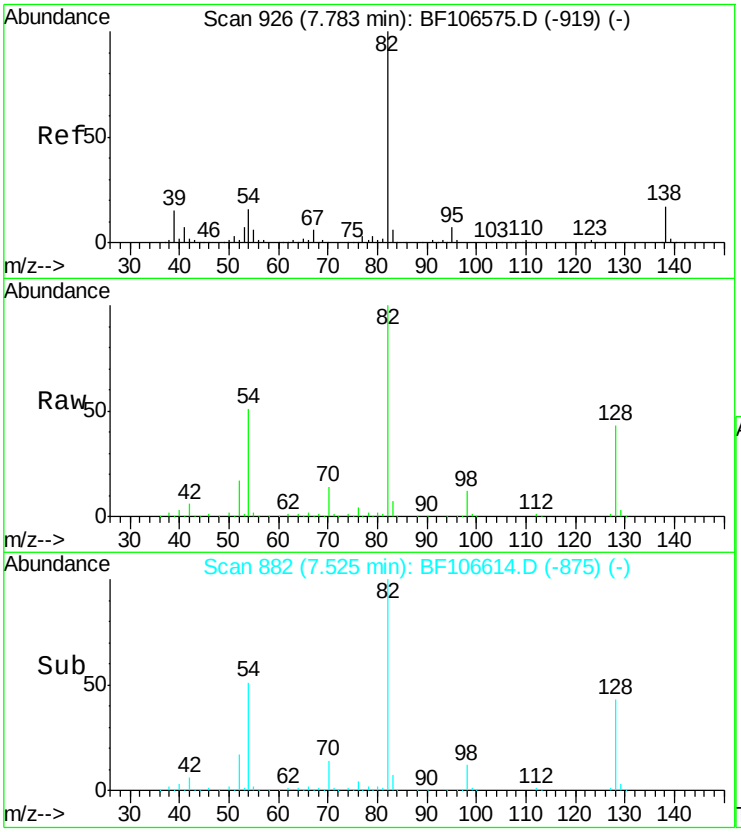


#23
Nitrobenzene-d5
Concen: 99.258 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion: 82 Resp: 598948

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	51.4	41.4	62.2



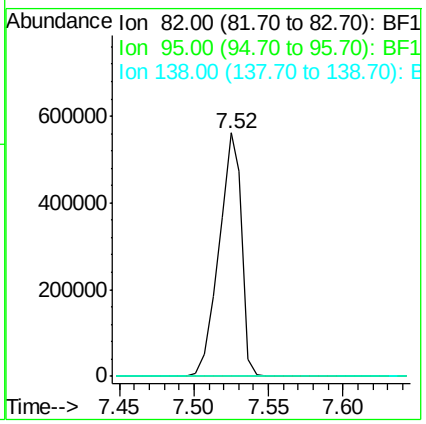


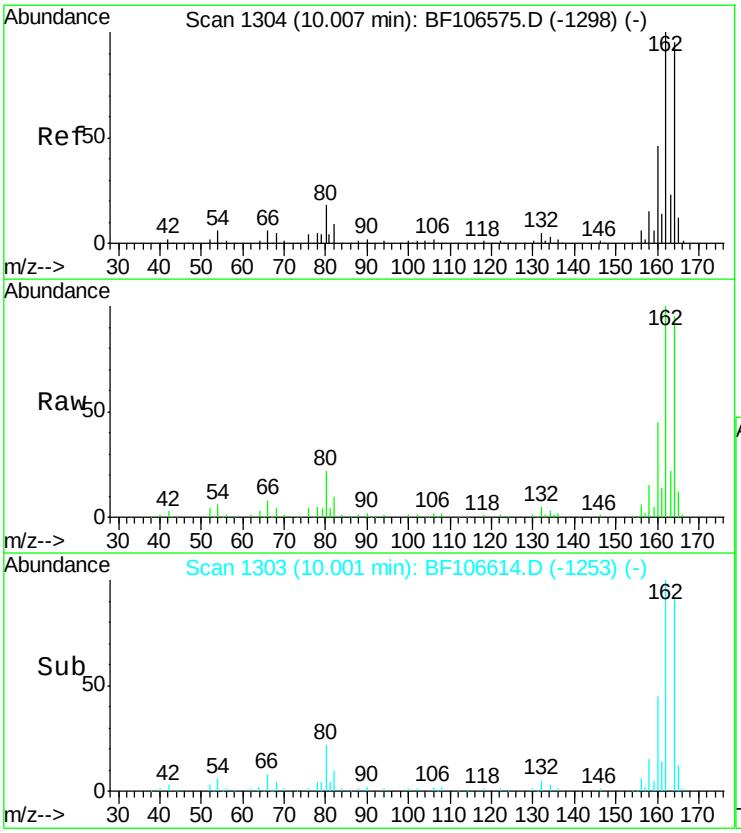
#25
Isophorone
Concen: 56.327 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

Tgt Ion: 82 Resp: 598937

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

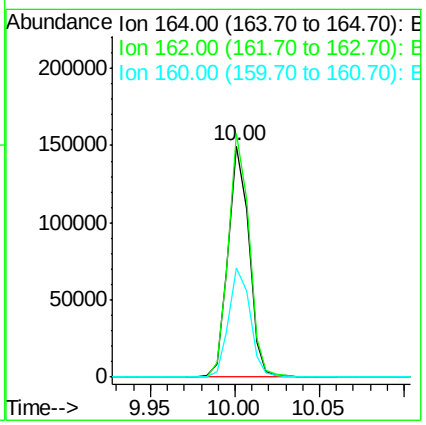


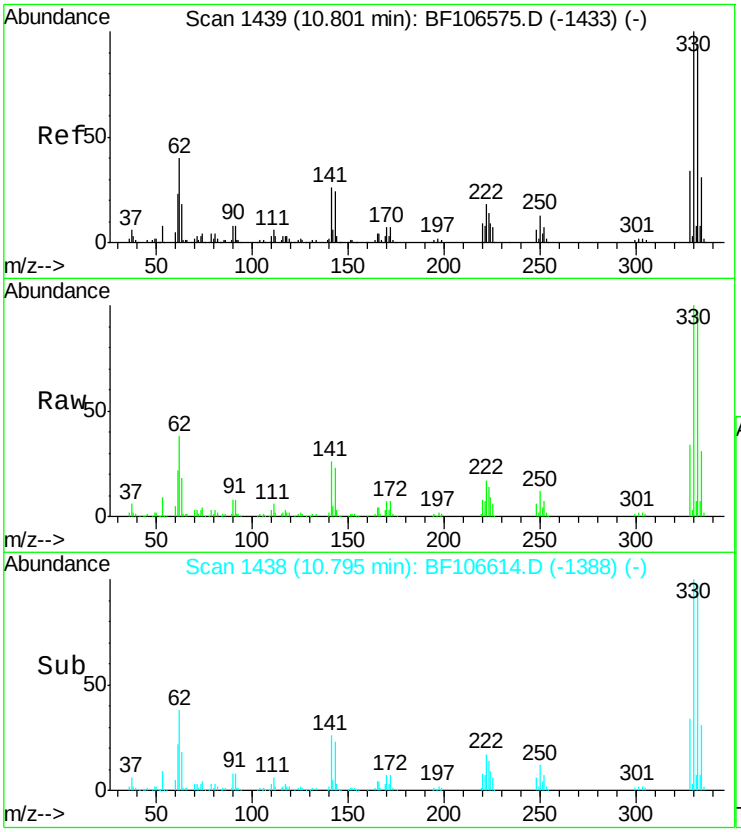


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion:164 Resp: 128703

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	47.6	38.3	57.5



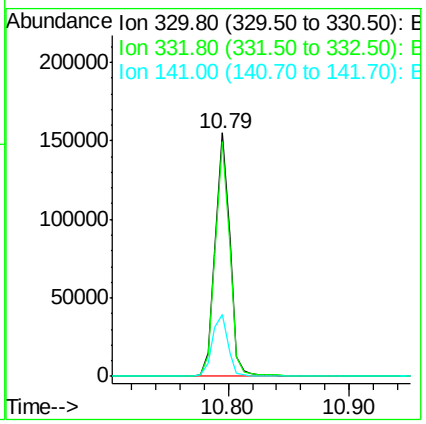


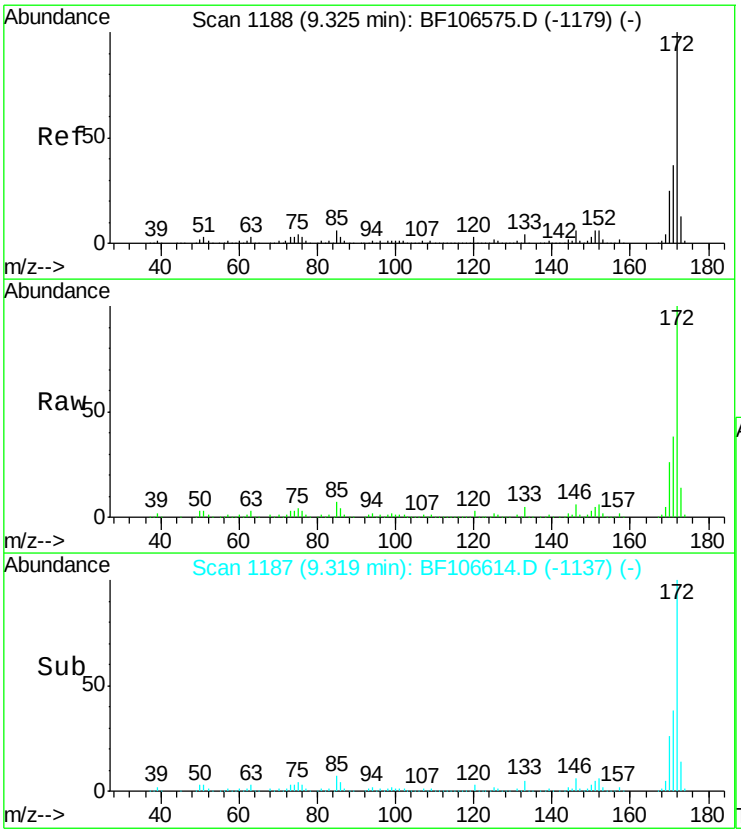
#41
2,4,6-Tribromophenol
Concen: 86.527 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

Tgt Ion:330 Resp: 129072

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	27.3	29.9	44.9#

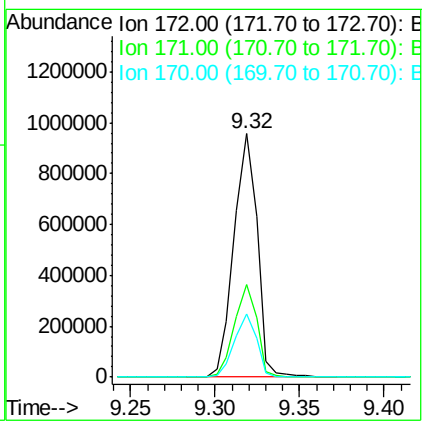


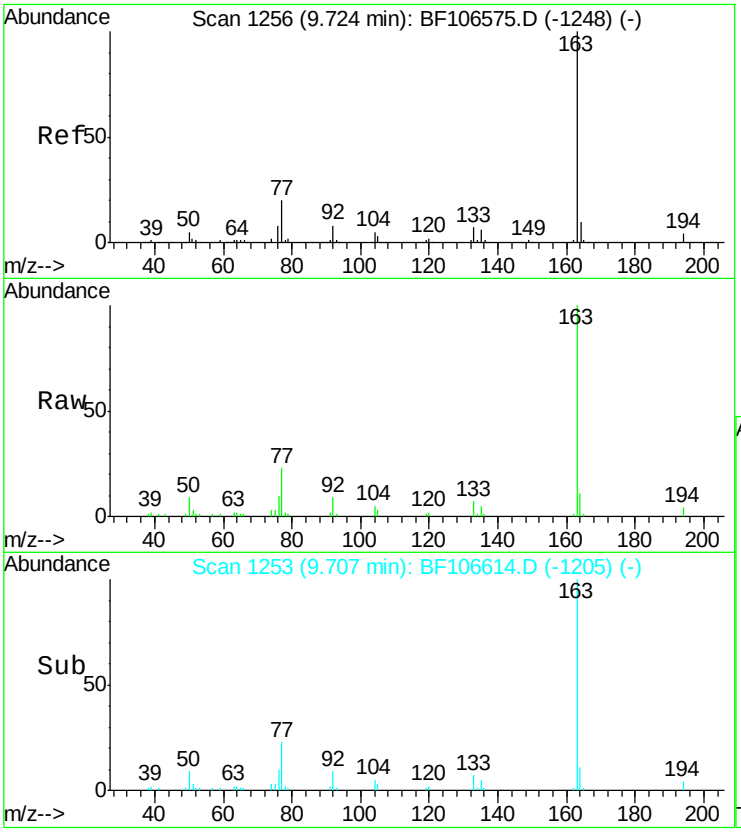


#44
2-Fluorobiphenyl
Concen: 128.510 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion:172 Resp: 919744

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.7	44.5
170	25.7	19.6	29.4



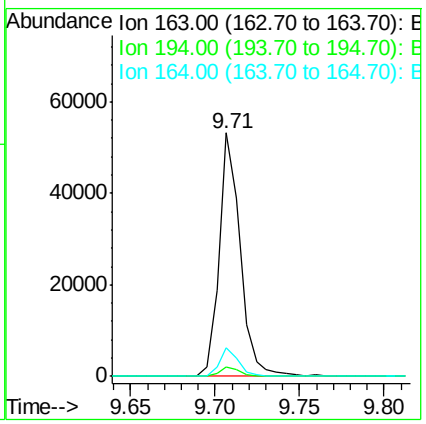


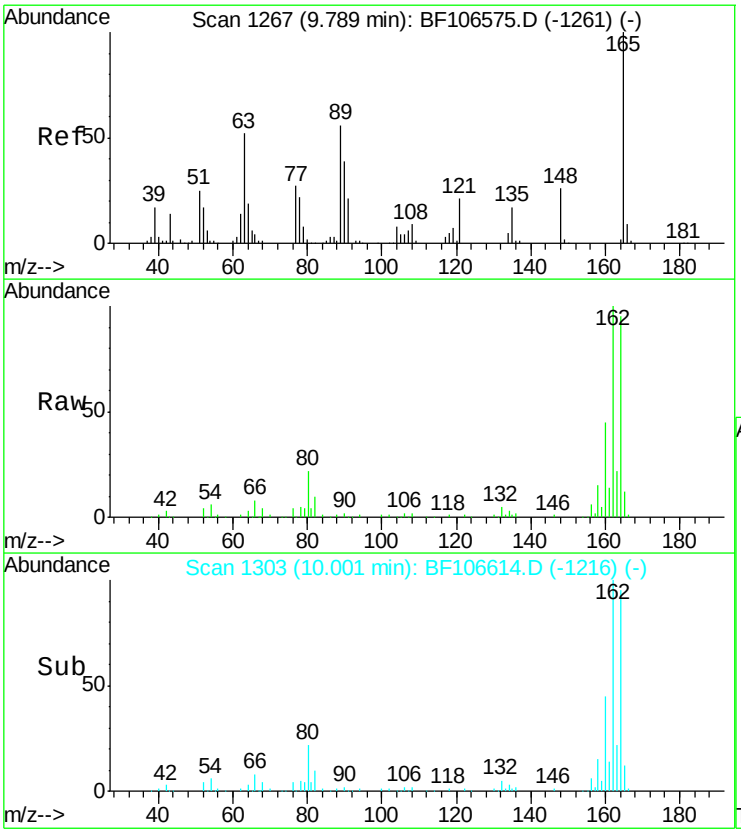
#49
Dimethylphthalate
Concen: 4.805 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

Tgt Ion:163 Resp: 46385

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.5	8.2	12.2

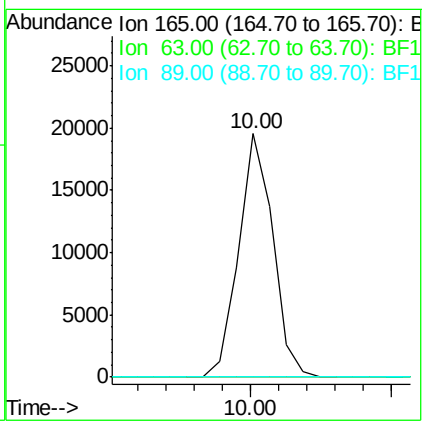


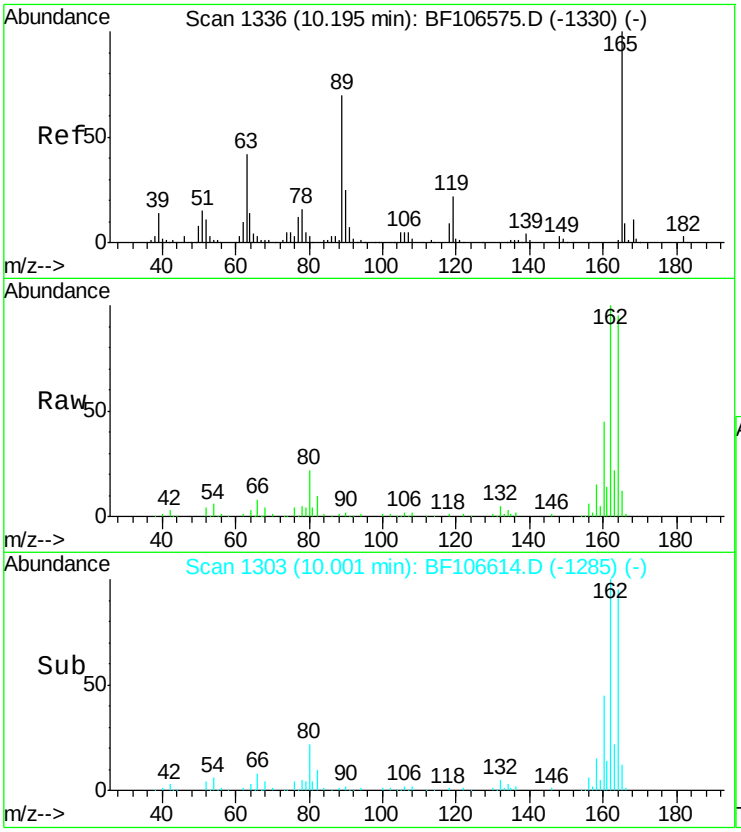


#50
2,6-Dinitrotoluene
Concen: 7.994 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion:165 Resp: 16341

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



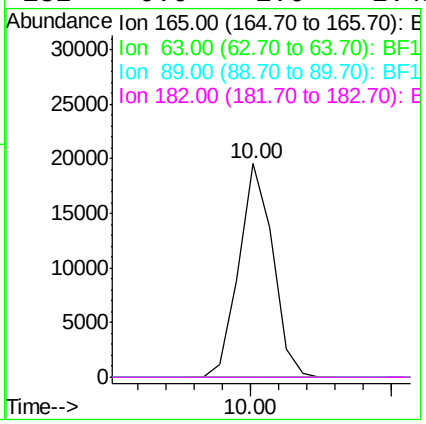


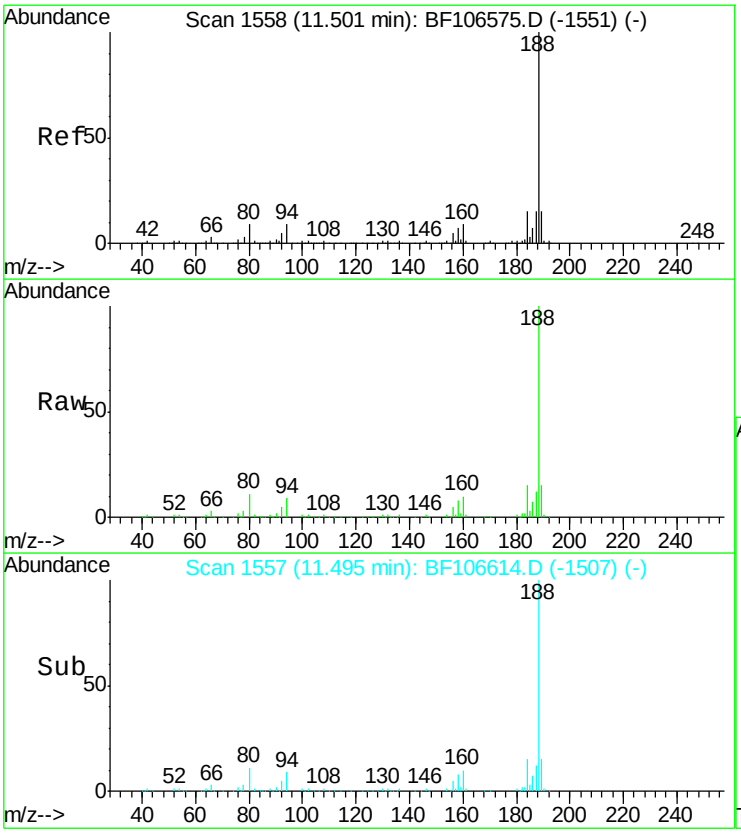
#56
2,4-Dinitrotoluene
Concen: 6.125 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

Tgt Ion:165 Resp: 16341

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#

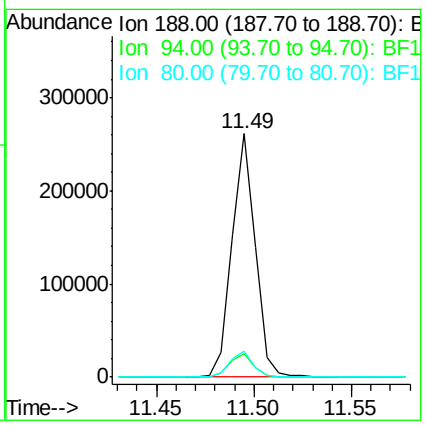


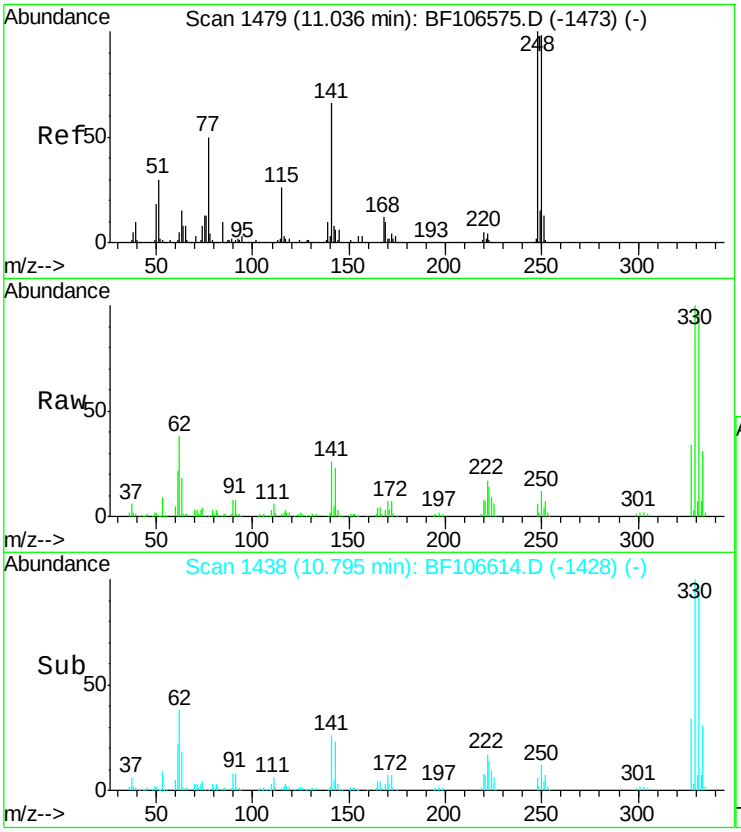


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion:188 Resp: 216932

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.6	9.2	13.8



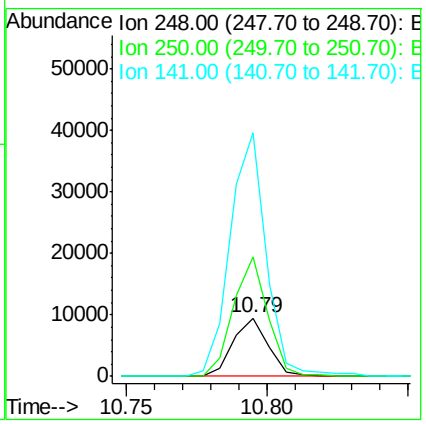


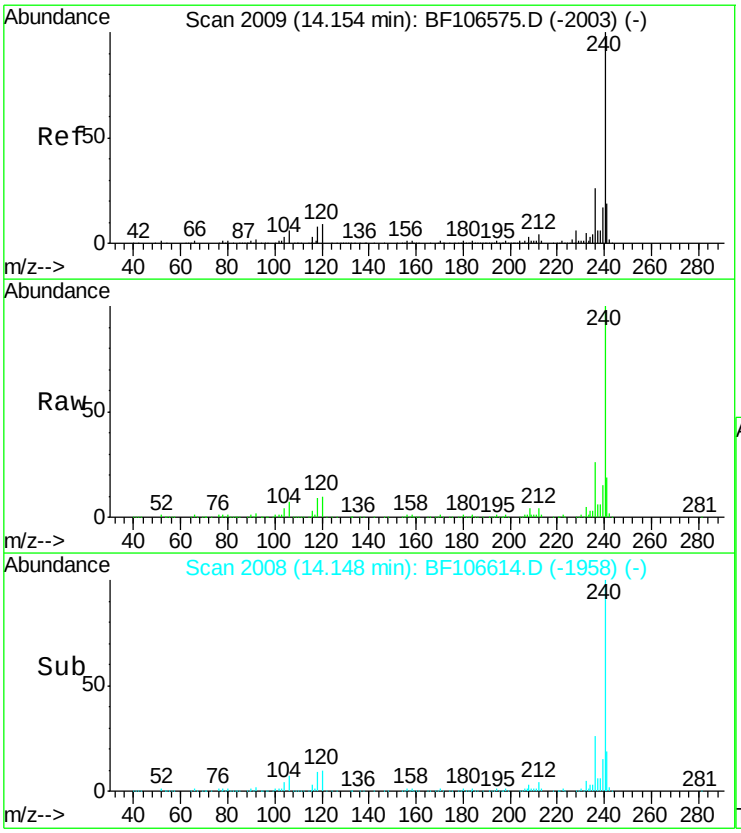
#66
4-Bromophenyl-phenylether
Concen: 3.170 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

Tgt Ion:248 Resp: 8207

Ion	Ratio	Lower	Upper
248	100		
250	204.0	76.9	115.3#
141	417.8	74.4	111.6#

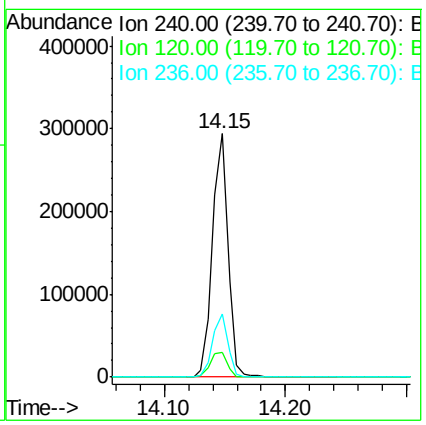


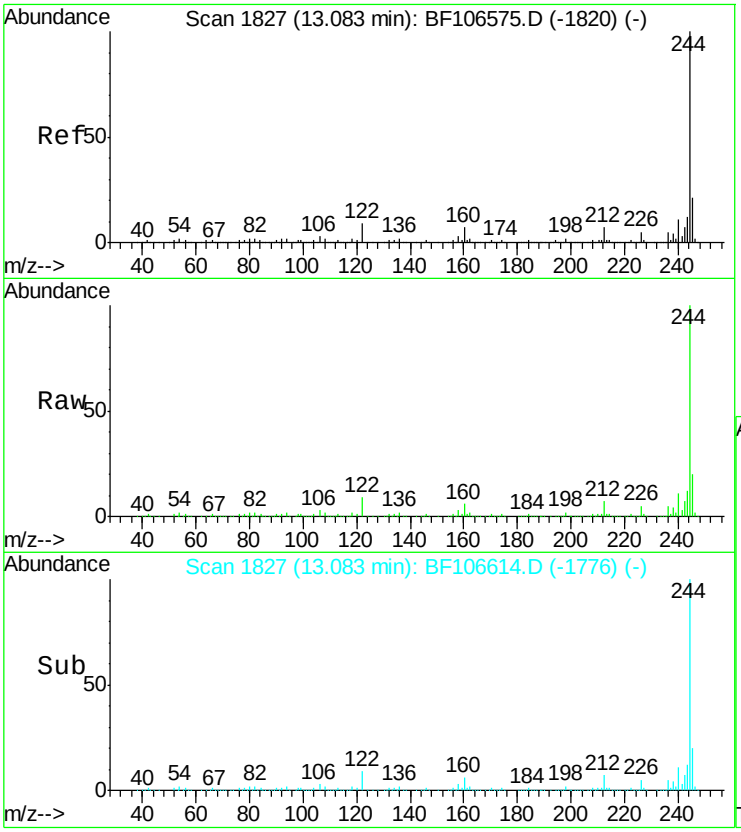


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion:240 Resp: 259083

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.7	20.7	31.1



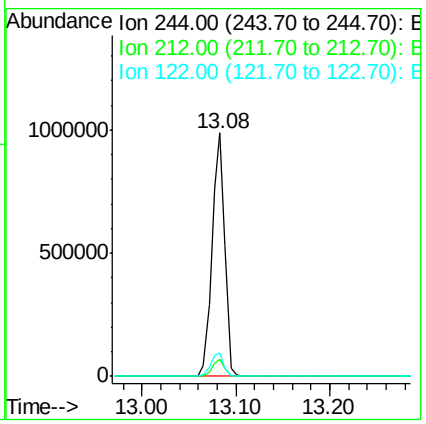


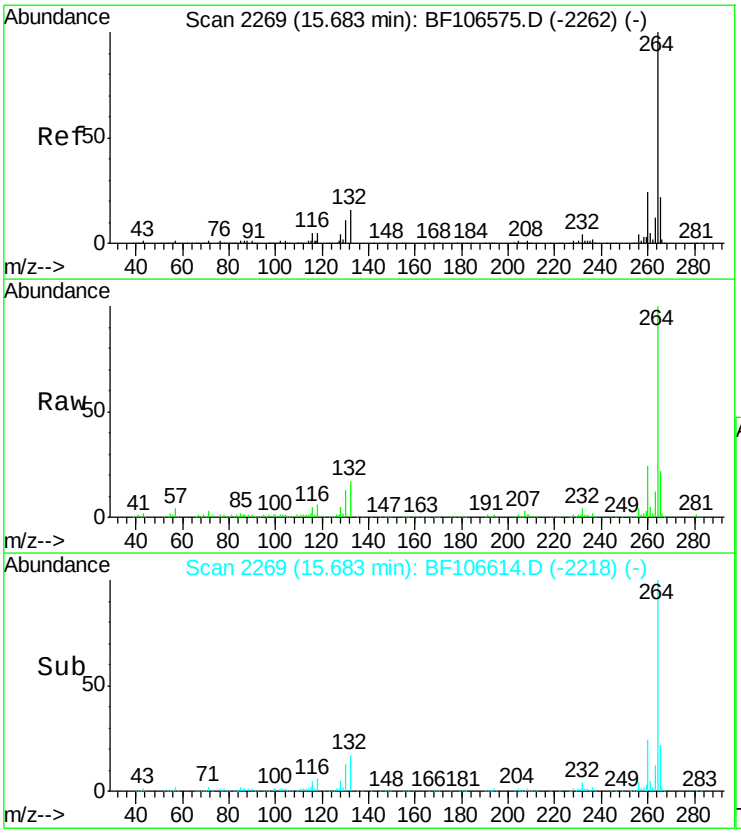
#78
Terphenyl-d14
Concen: 88.031 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Instrument :
BNA_F
ClientSampleId :
061318-DBRI-E-U-B

Tgt Ion:244 Resp: 941563

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF106614.D
Acq: 20 Jun 2018 6:19

Tgt Ion:264 Resp: 181559

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3