Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
Data File : BF107033.D
Acq On : 2 Jul 2018 10:07
Operator : JU/SJ
Sample : J3743-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GMW-5

Quant Time: Jul 02 11:09:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	87638	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	333738	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	175346	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	368611	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	305959	20.00	ng	-0.02
86) Perylene-d12	15.69	264	247596	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	305665	59.06	ng	0.00
7) Phenol-d6	6.60	99	241535	37.37	ng	-0.01
23) Nitrobenzene-d5	7.52	82	495850	82.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	292033	143.70	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	898370	87.08	ng	-0.01
78) Terphenyl-d14	13.08	244	1152830	91.27	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	11378	2.099	ng	# 80
19) n-Nitroso-di-n-propylamine	7.52	70	67060	15.740	ng	# 72
25) Isophorone	7.52	82	495846	46.856	ng	# 64
49) Dimethylphthalate	9.70	163	54529	4.146	ng	99
50) 2,6-Dinitrotoluene	10.00	165	22787	8.183	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	22787	6.269	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	17680	4.019	ng	# 1

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

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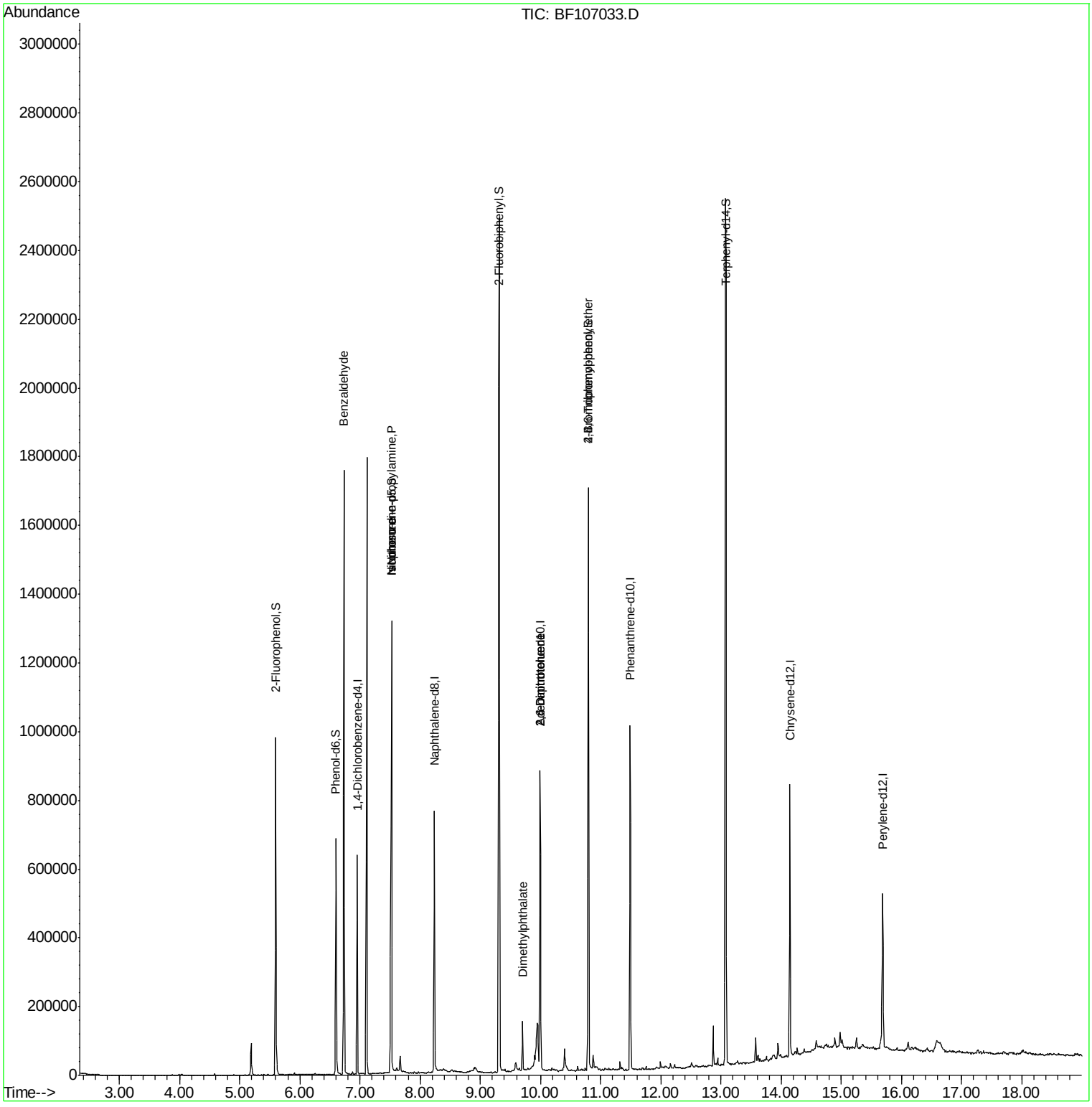
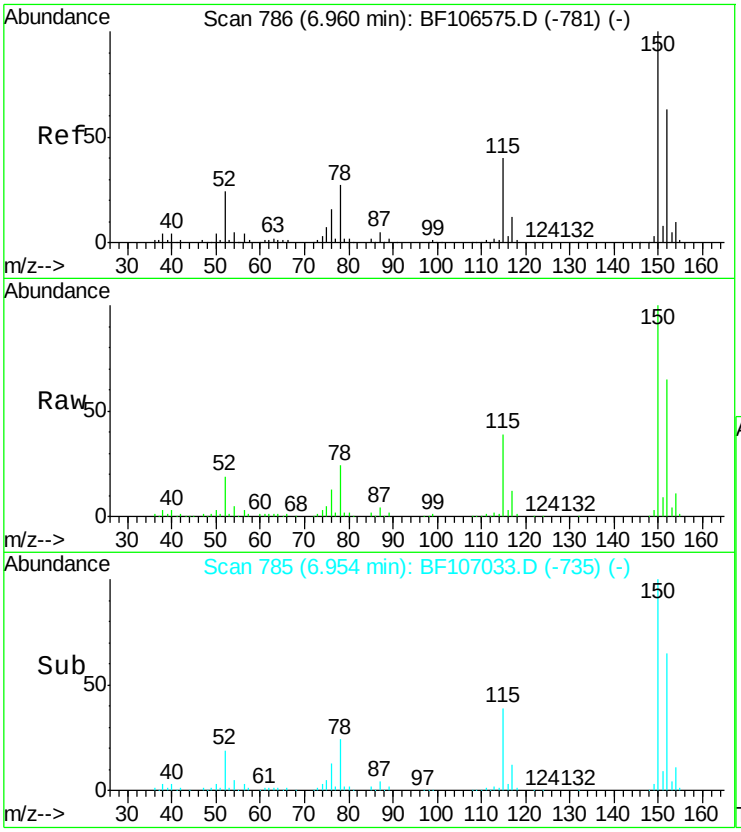


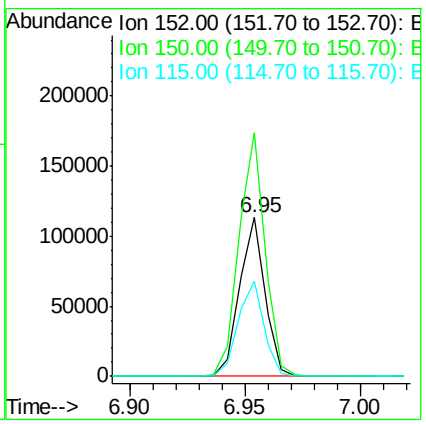


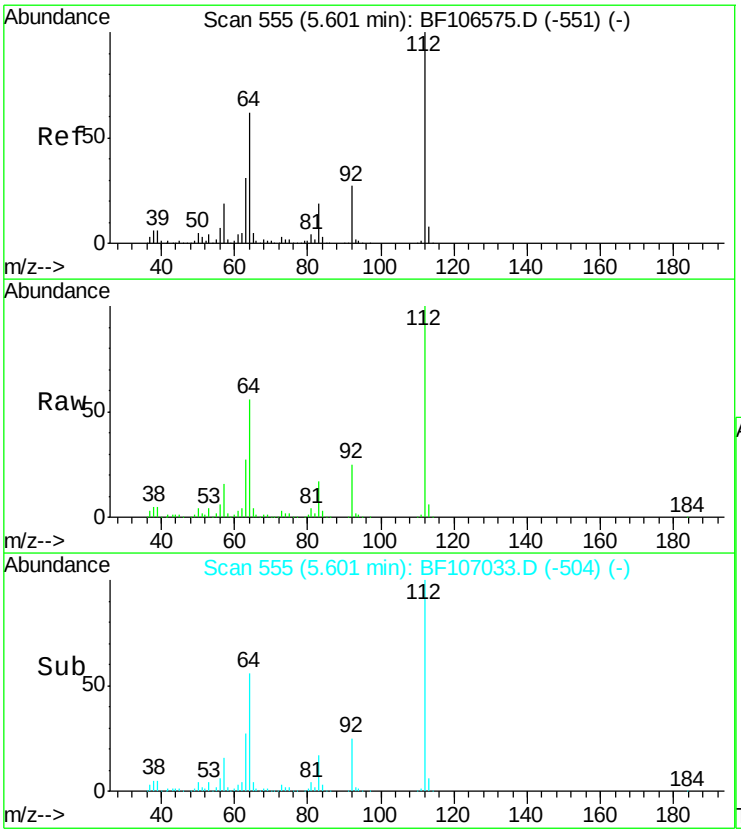
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion:152 Resp: 87638

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	59.9	50.1	75.1

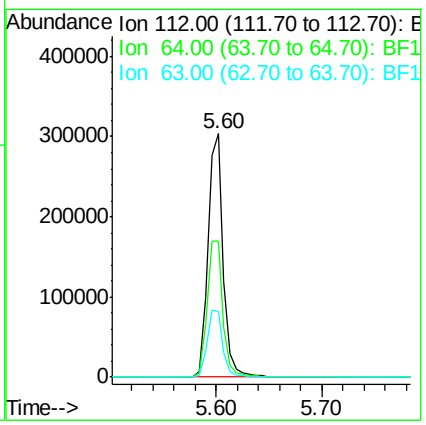


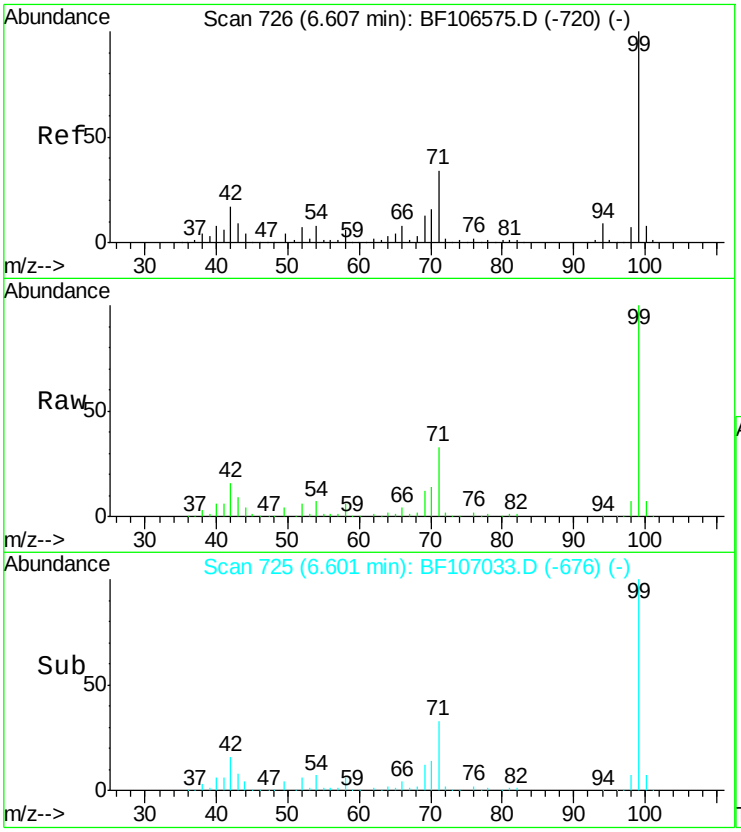


#5
2-Fluorophenol
Concen: 59.060 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Tgt Ion:112 Resp: 305665

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	27.0	23.7	35.5



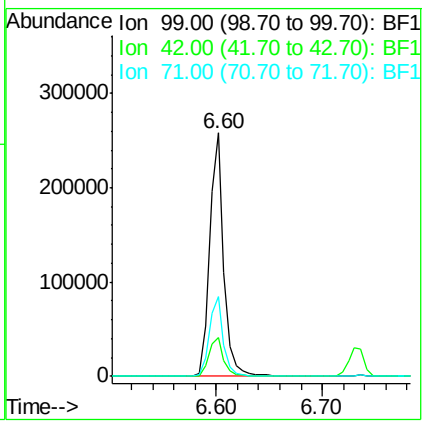


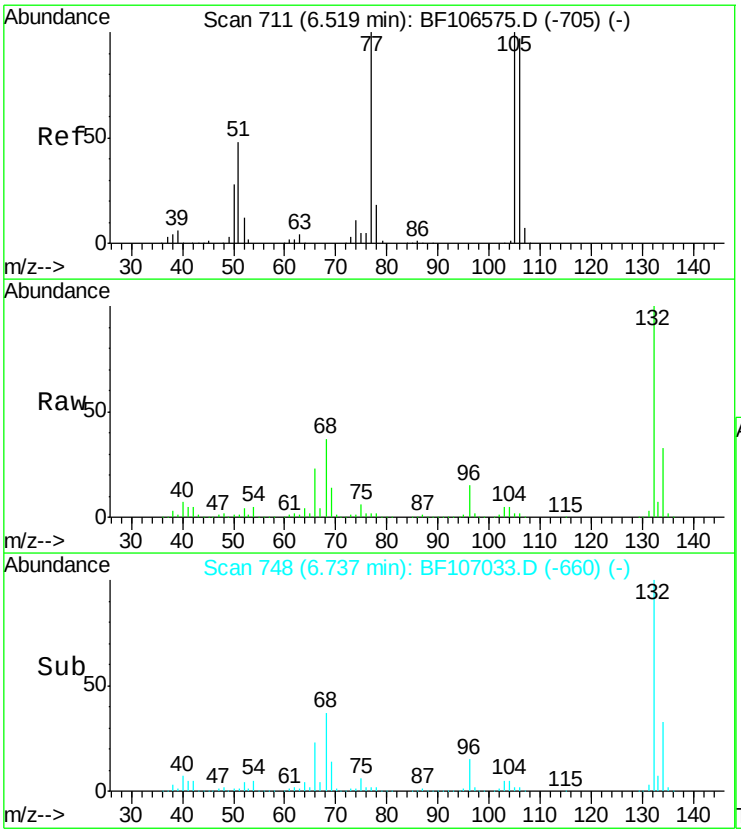
#7
Phenol-d6
Concen: 37.371 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion: 99 Resp: 241535

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	32.9	25.4	38.0

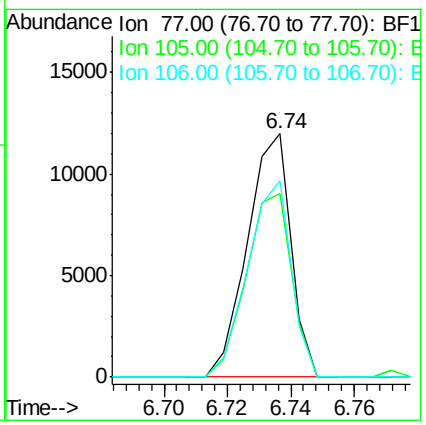


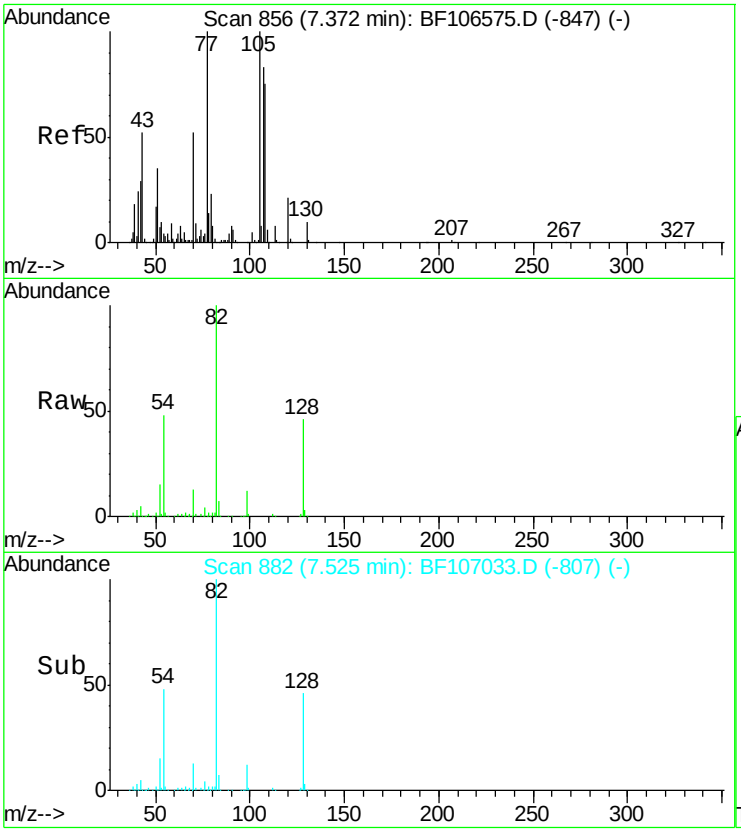


#9
Benzaldehyde
Concen: 2.099 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Tgt Ion: 77 Resp: 11378

Ion	Ratio	Lower	Upper
77	100		
105	75.2	81.1	121.1#
106	80.4	74.5	114.5



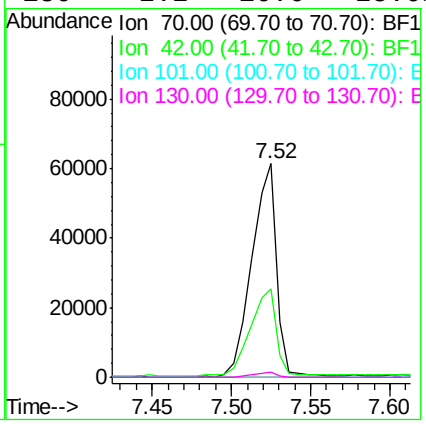


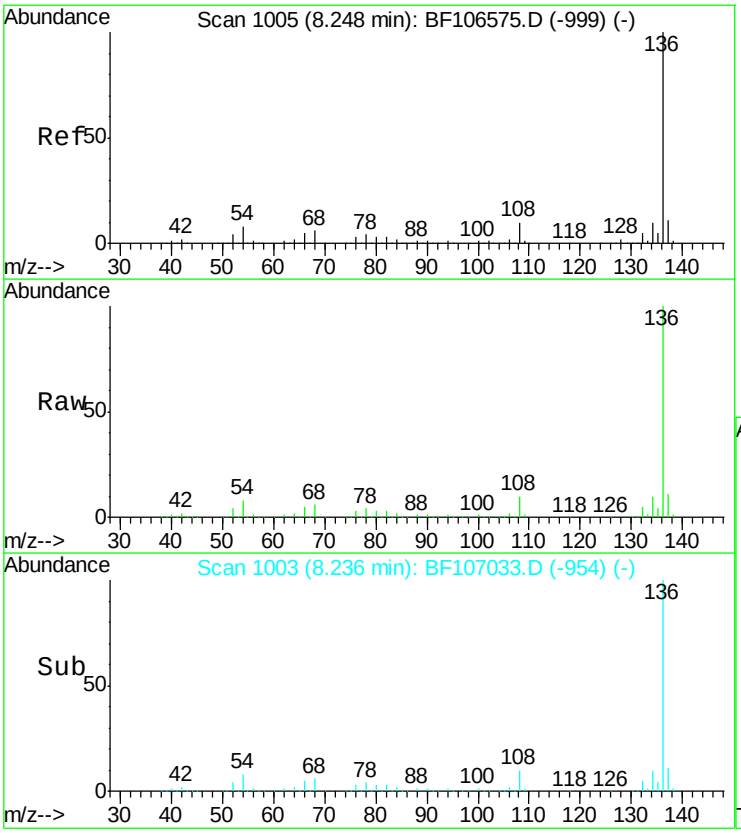
#19
n-Nitroso-di-n-propylamine
Concen: 15.740 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion: 70 Resp: 67060

Ion	Ratio	Lower	Upper
70	100		
42	41.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

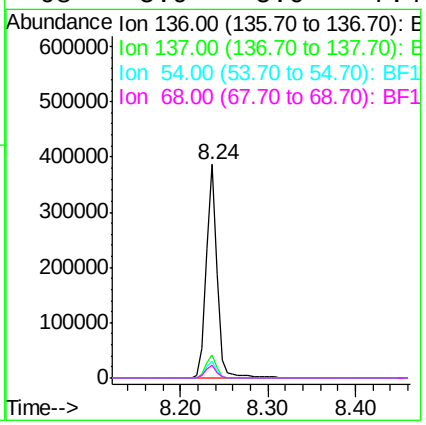


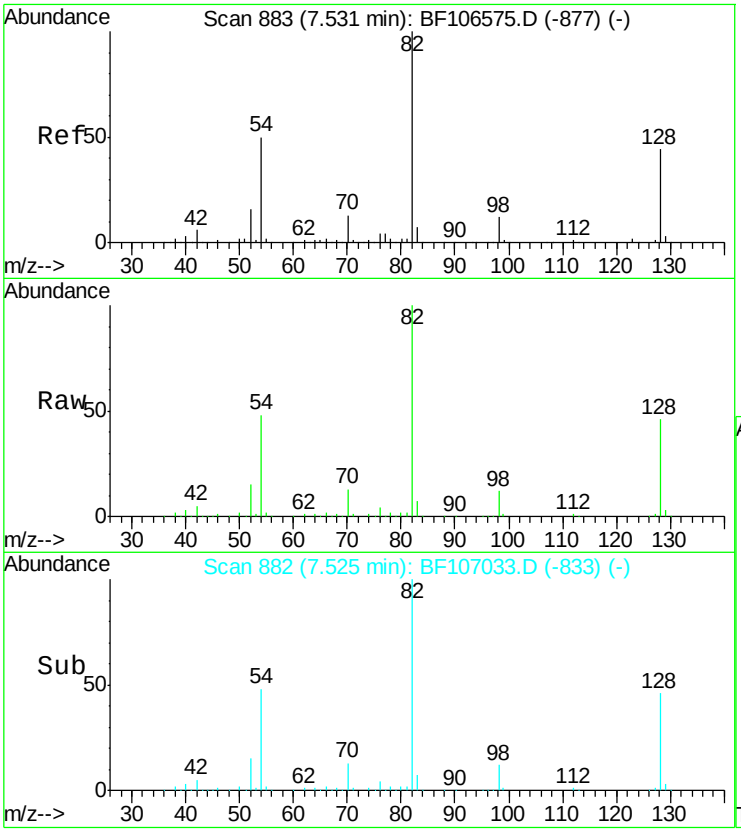


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Tgt Ion:136 Resp: 333738

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.6	9.8
68	5.9	5.0	7.4



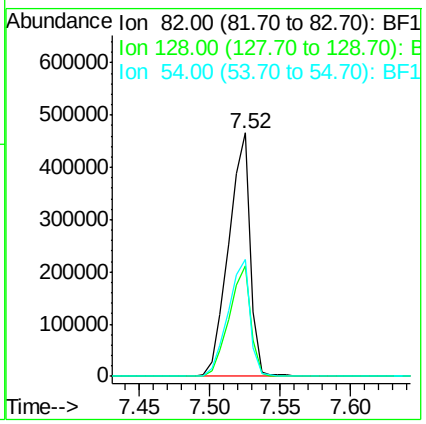


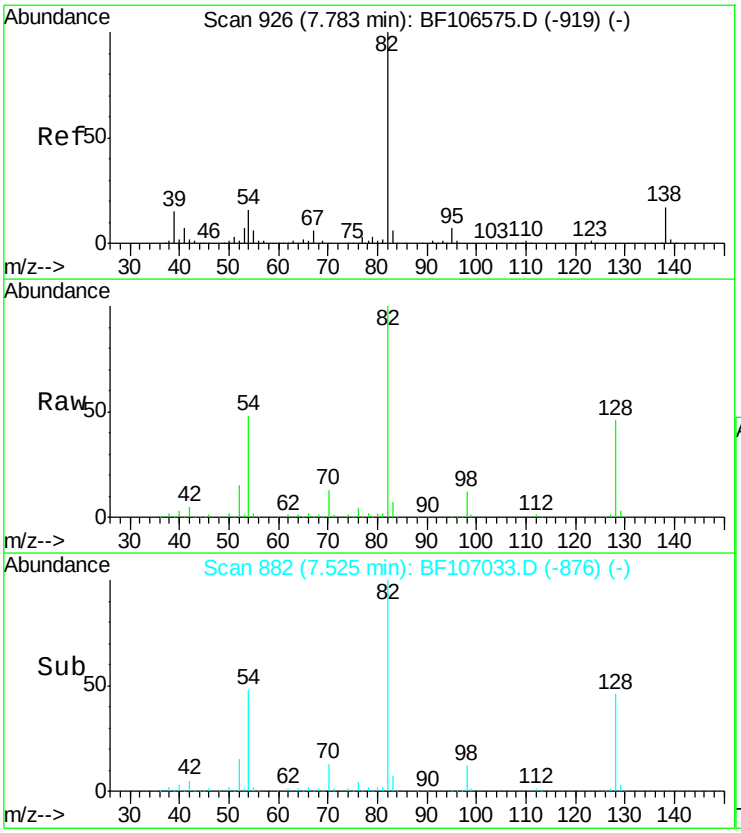
#23
Nitrobenzene-d5
Concen: 82.568 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion: 82 Resp: 495850

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	47.8	41.4	62.2

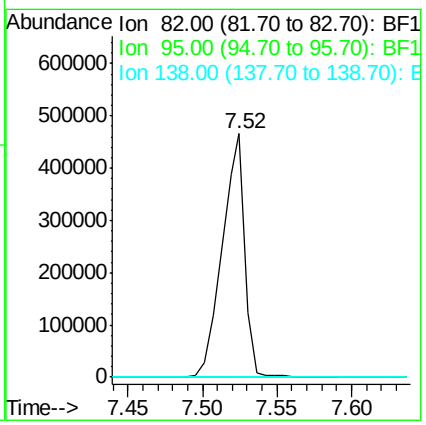


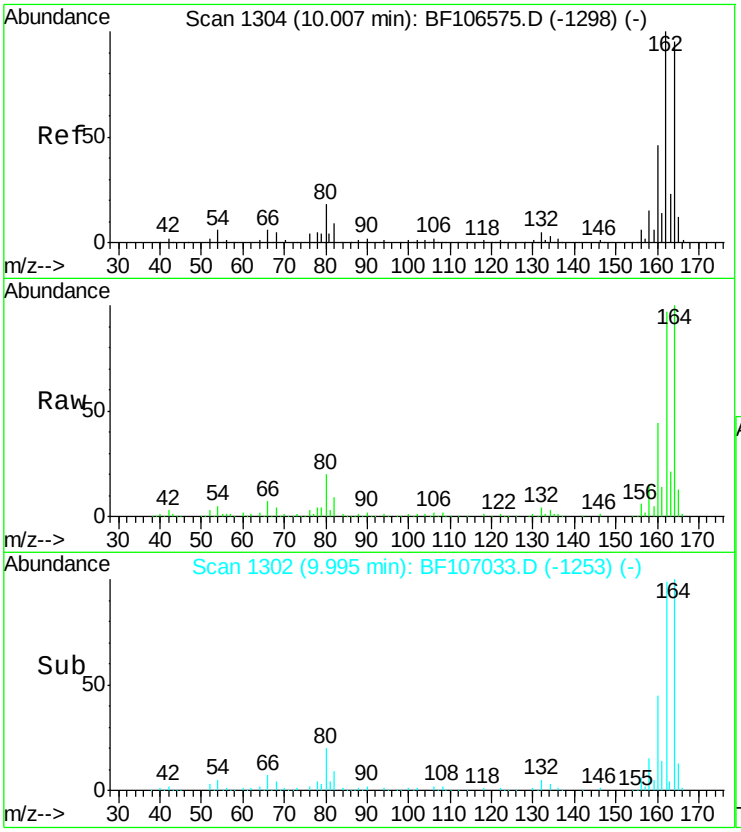


#25
Isophorone
Concen: 46.856 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Tgt Ion: 82 Resp: 495846

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



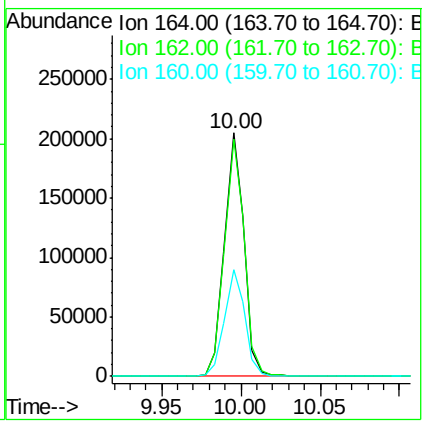


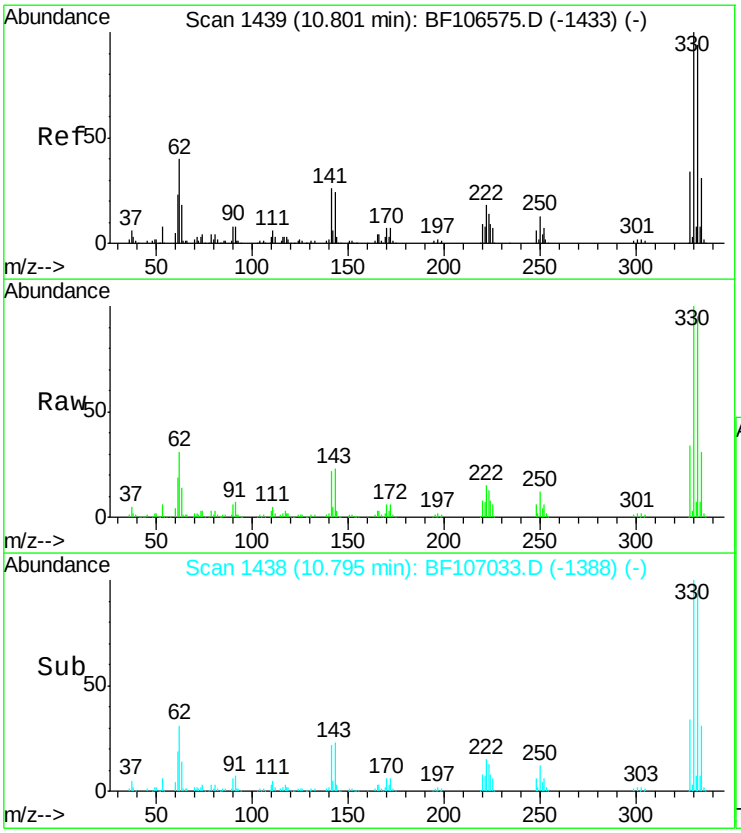
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion:164 Resp: 175346

Ion	Ratio	Lower	Upper
164	100		
162	97.4	86.1	129.1
160	44.0	38.3	57.5

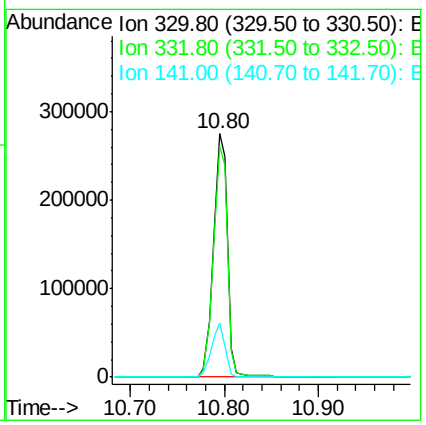


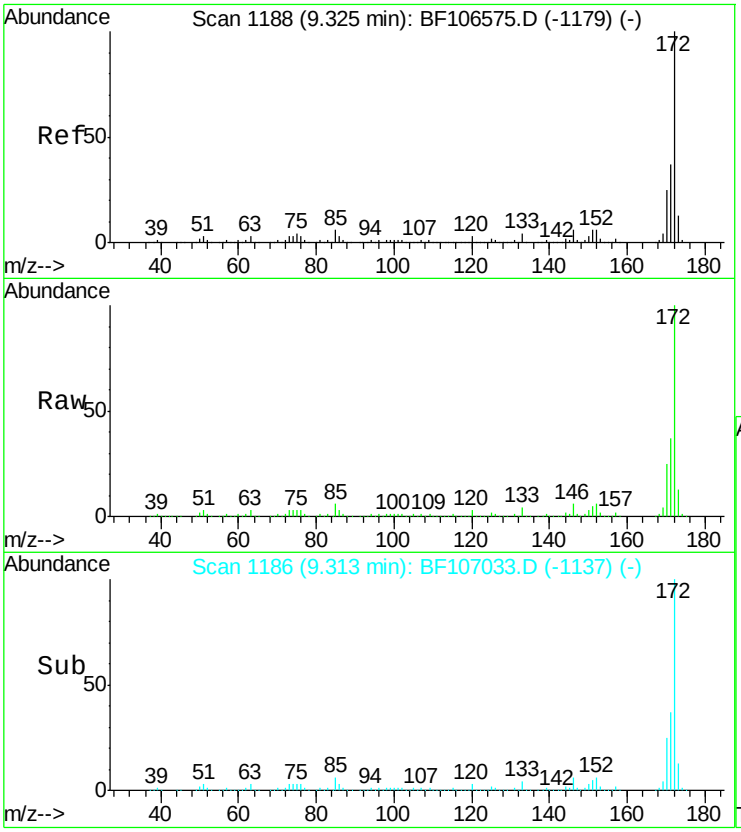


#41
2,4,6-Tribromophenol
Concen: 143.695 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Tgt Ion:330 Resp: 292033

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	21.7	29.9	44.9#



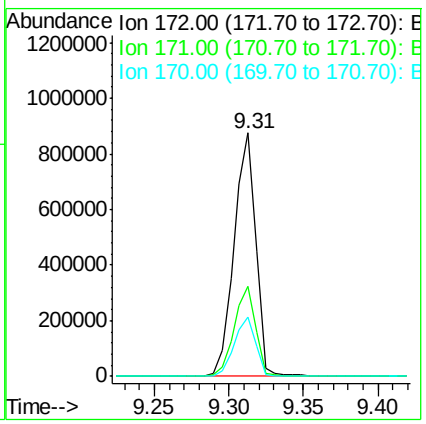


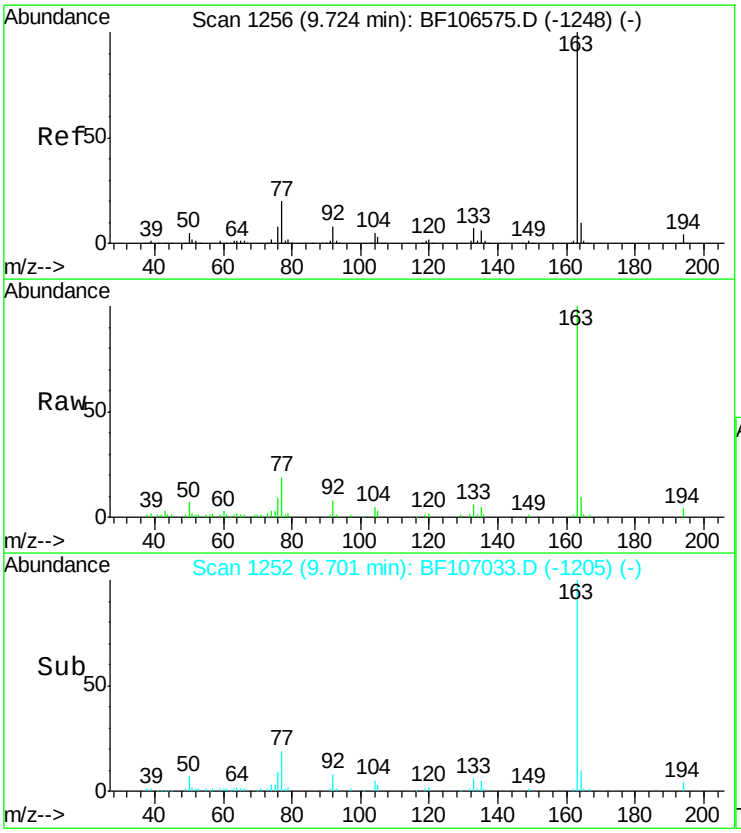
#44
2-Fluorobiphenyl
Concen: 87.081 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion:172 Resp: 898370

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.6	19.6	29.4

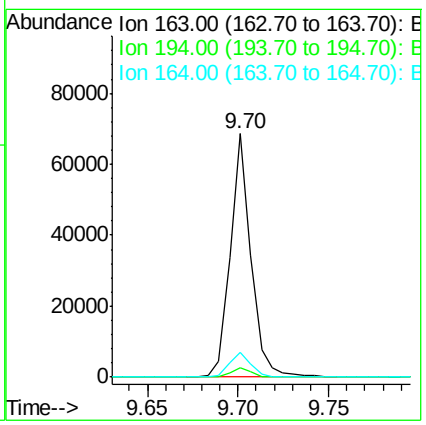


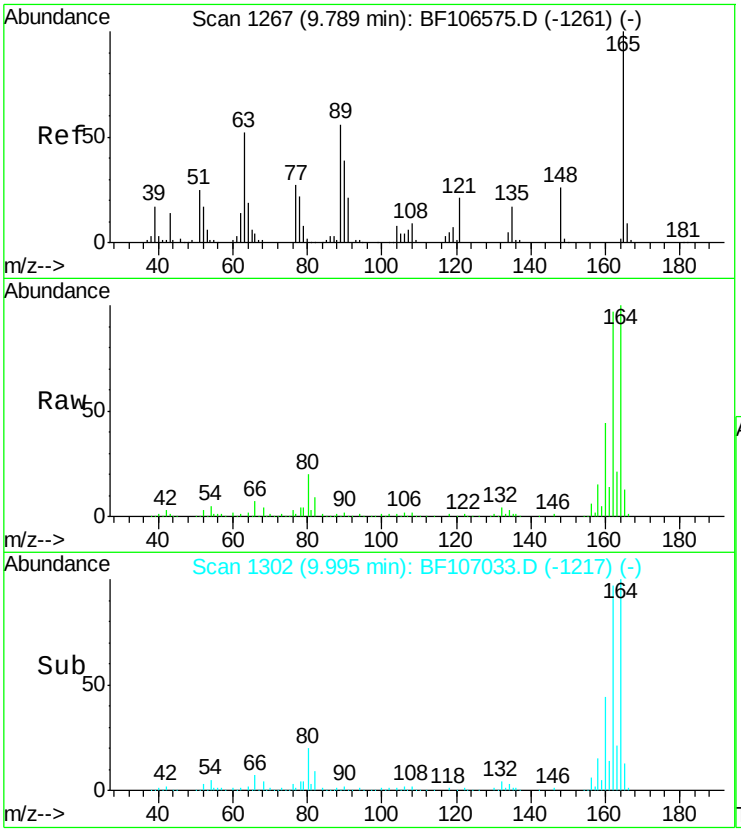


#49
Dimethylphthalate
Concen: 4.146 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Tgt Ion:163 Resp: 54529

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2



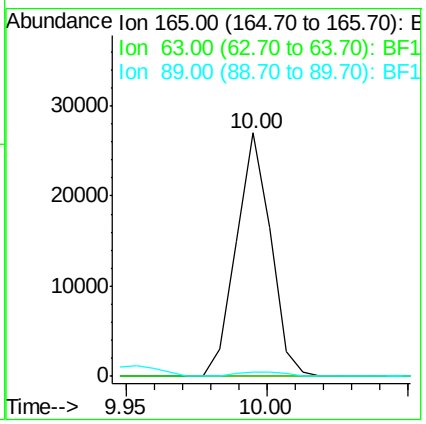


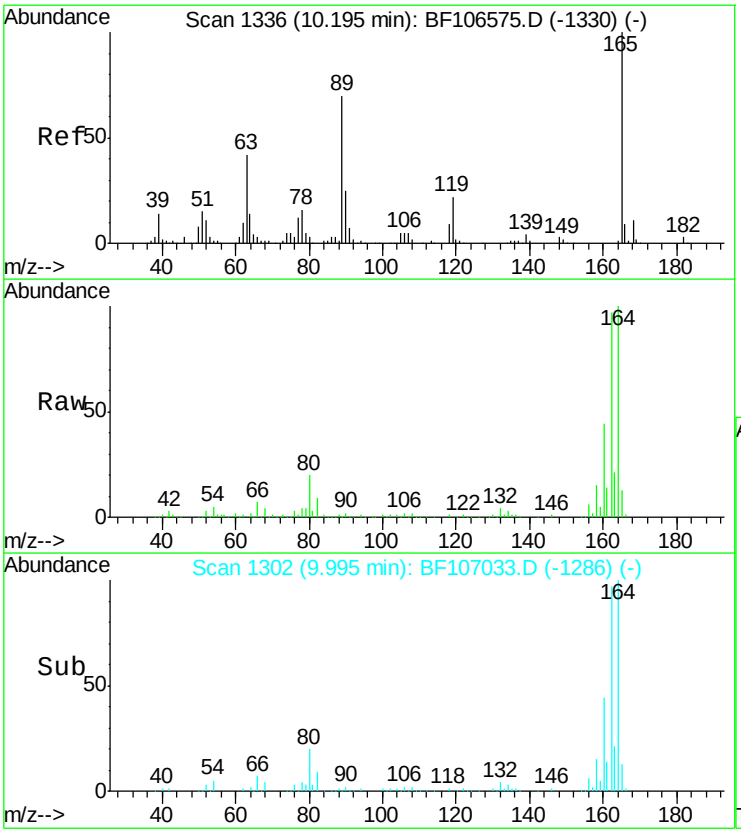
#50
2,6-Dinitrotoluene
Concen: 8.183 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion:165 Resp: 22787

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#

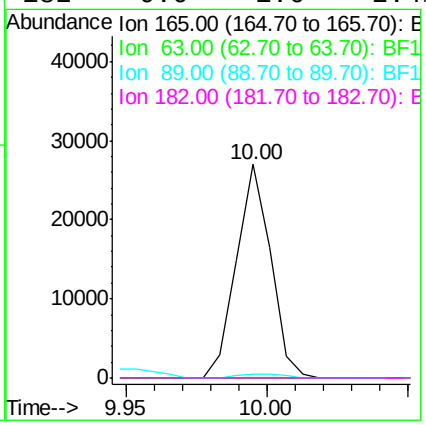


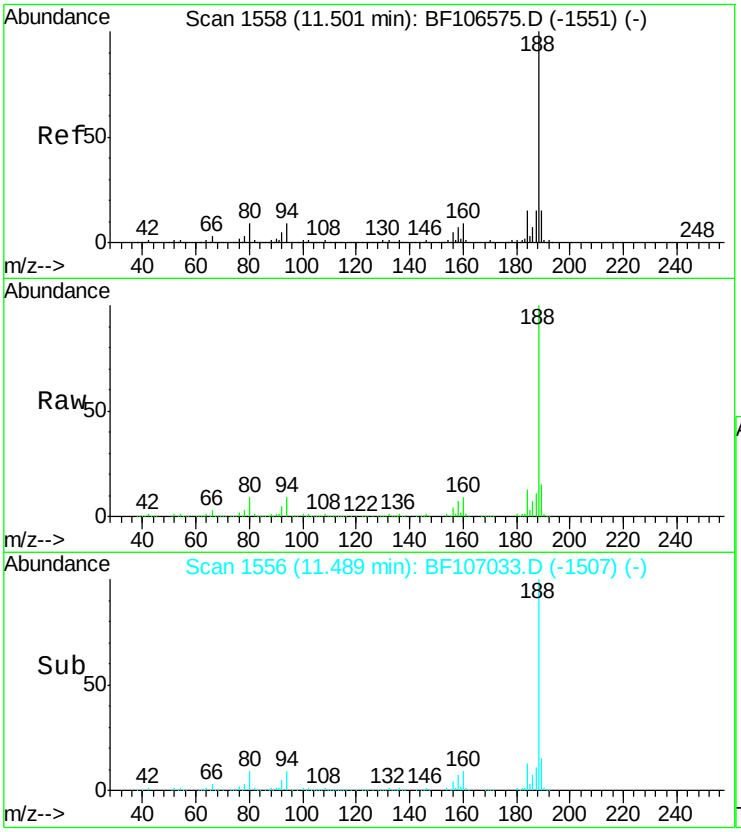


#56
2,4-Dinitrotoluene
Concen: 6.269 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Tgt Ion:165 Resp: 22787

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



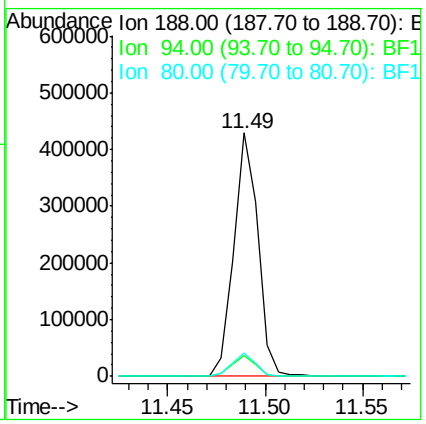


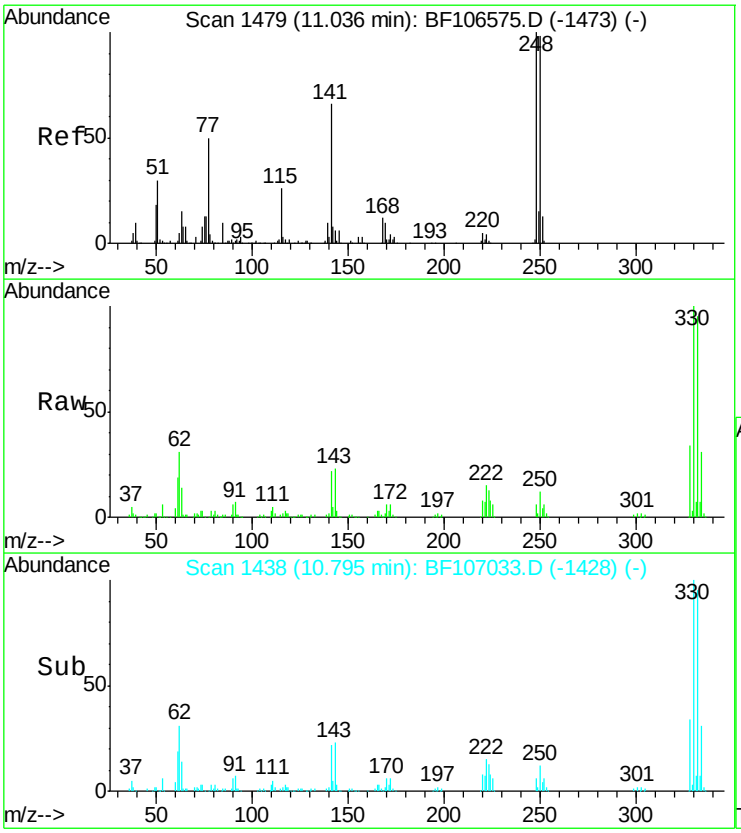
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion:188 Resp: 368611

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.5	9.2	13.8

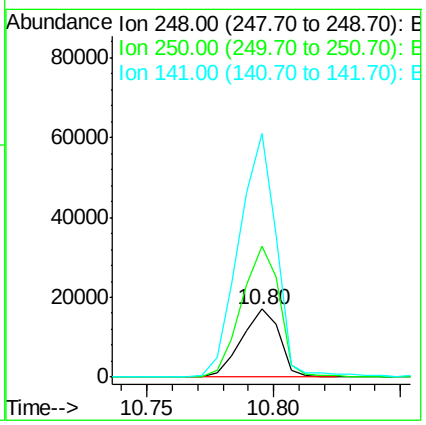


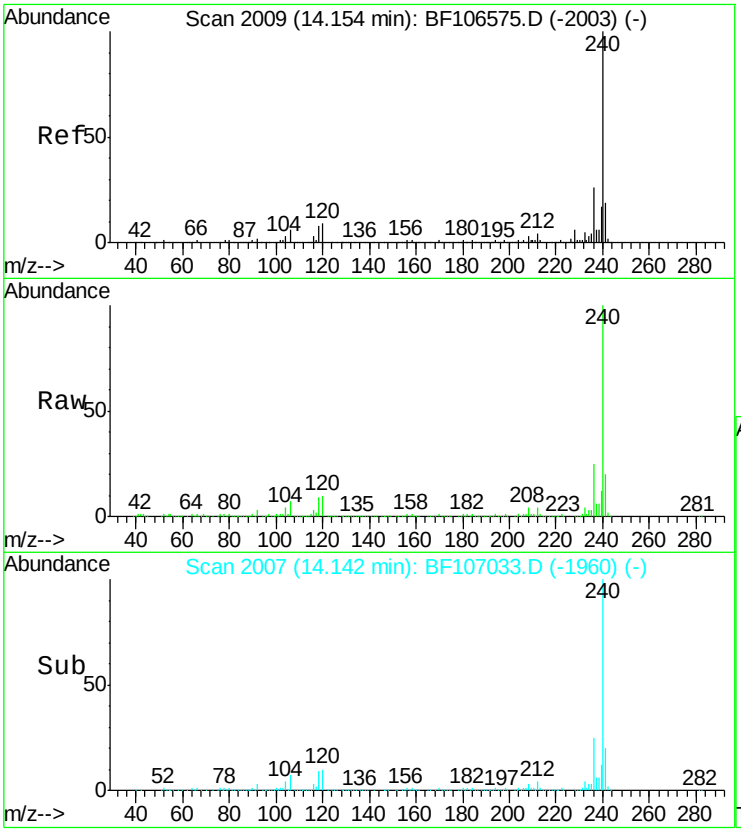


#66
4-Bromophenyl-phenylether
Concen: 4.019 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Tgt Ion:248 Resp: 17680

Ion	Ratio	Lower	Upper
248	100		
250	192.9	76.9	115.3#
141	357.5	74.4	111.6#



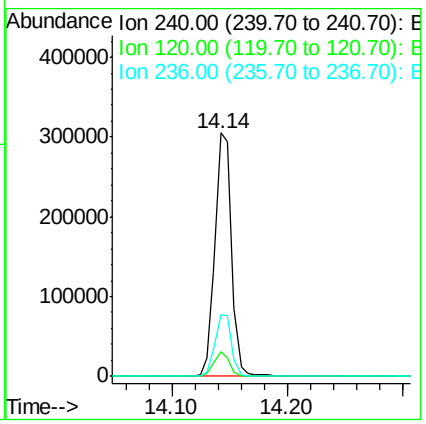


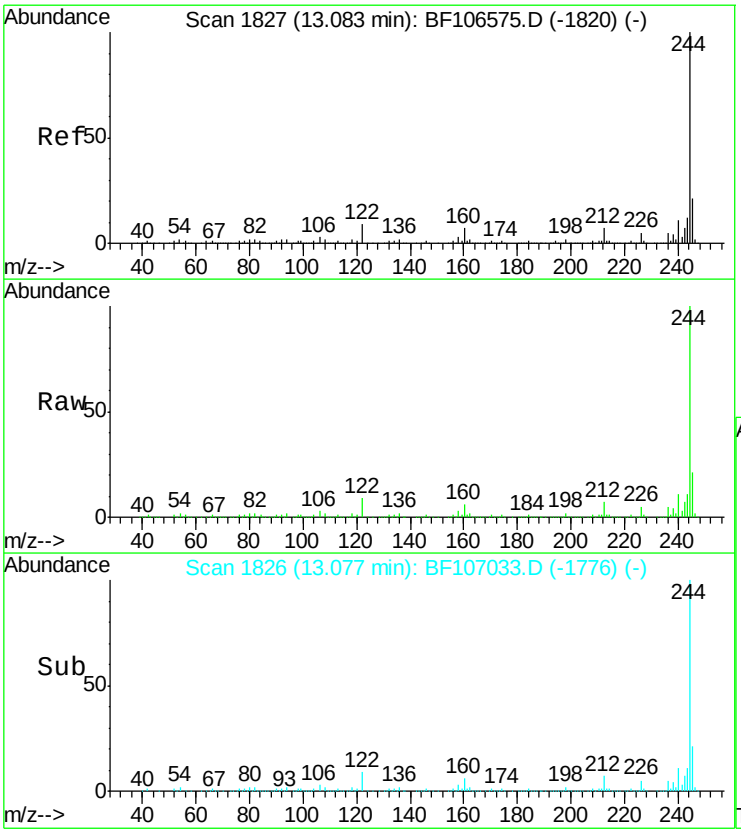
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion:240 Resp: 305959

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.5	20.7	31.1

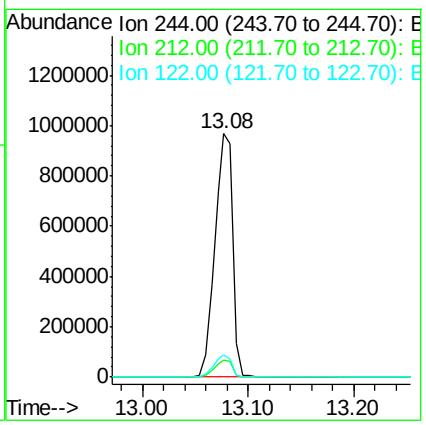


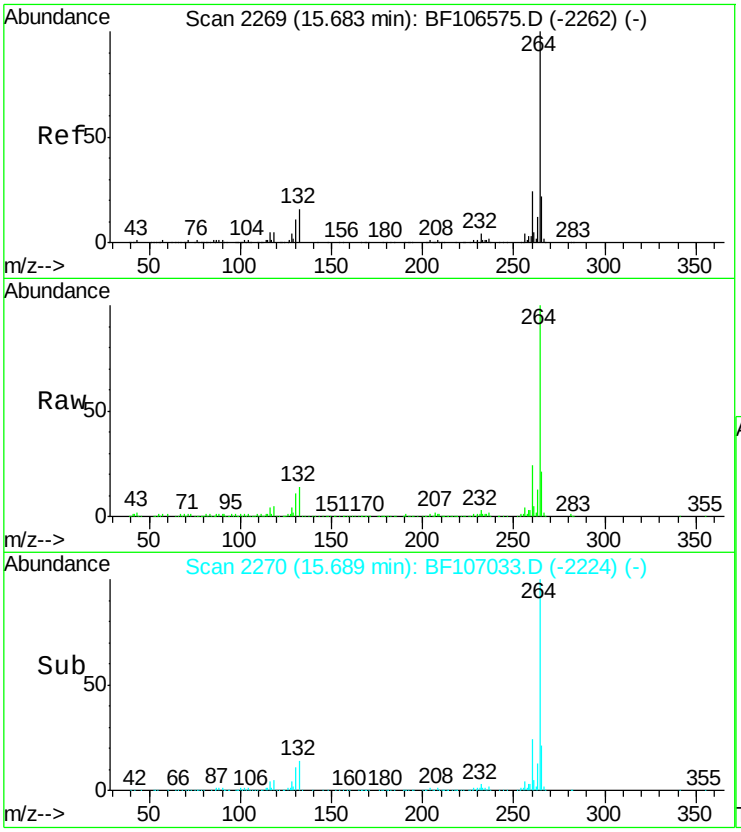


#78
Terphenyl-d14
Concen: 91.270 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Tgt Ion:244 Resp: 1152830

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.0	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107033.D
Acq: 2 Jul 2018 10:07

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion:264 Resp: 247596

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.1	17.5	26.3