Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107108.D
Acq On : 4 Jul 2018 3:57
Operator : JU/SJ
Sample : J3816-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 04 04:25:04 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	53398	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	184943	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	81863	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	171678	20.00	ng	0.00
75) Chrysene-d12	14.15	240	138053	20.00	ng	-0.02
86) Perylene-d12	15.69	264	97188	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	311228	98.69	ng	0.00
7) Phenol-d6	6.61	99	371641	94.37	ng	0.00
23) Nitrobenzene-d5	7.52	82	218423	65.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	106622	112.37	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	409544	84.61	ng	-0.02
78) Terphenyl-d14	13.08	244	525473	92.20	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	29039	11.187	ng	# 73
25) Isophorone	7.52	82	218421	37.246	ng	# 64
49) Dimethylphthalate	9.70	163	47682	7.766	ng	98
50) 2,6-Dinitrotoluene	10.00	165	10689	8.221	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	10689	6.299	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6247	3.049	ng	# 1
73) Di-n-butylphthalate	12.04	149	23353	2.505	ng	99

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

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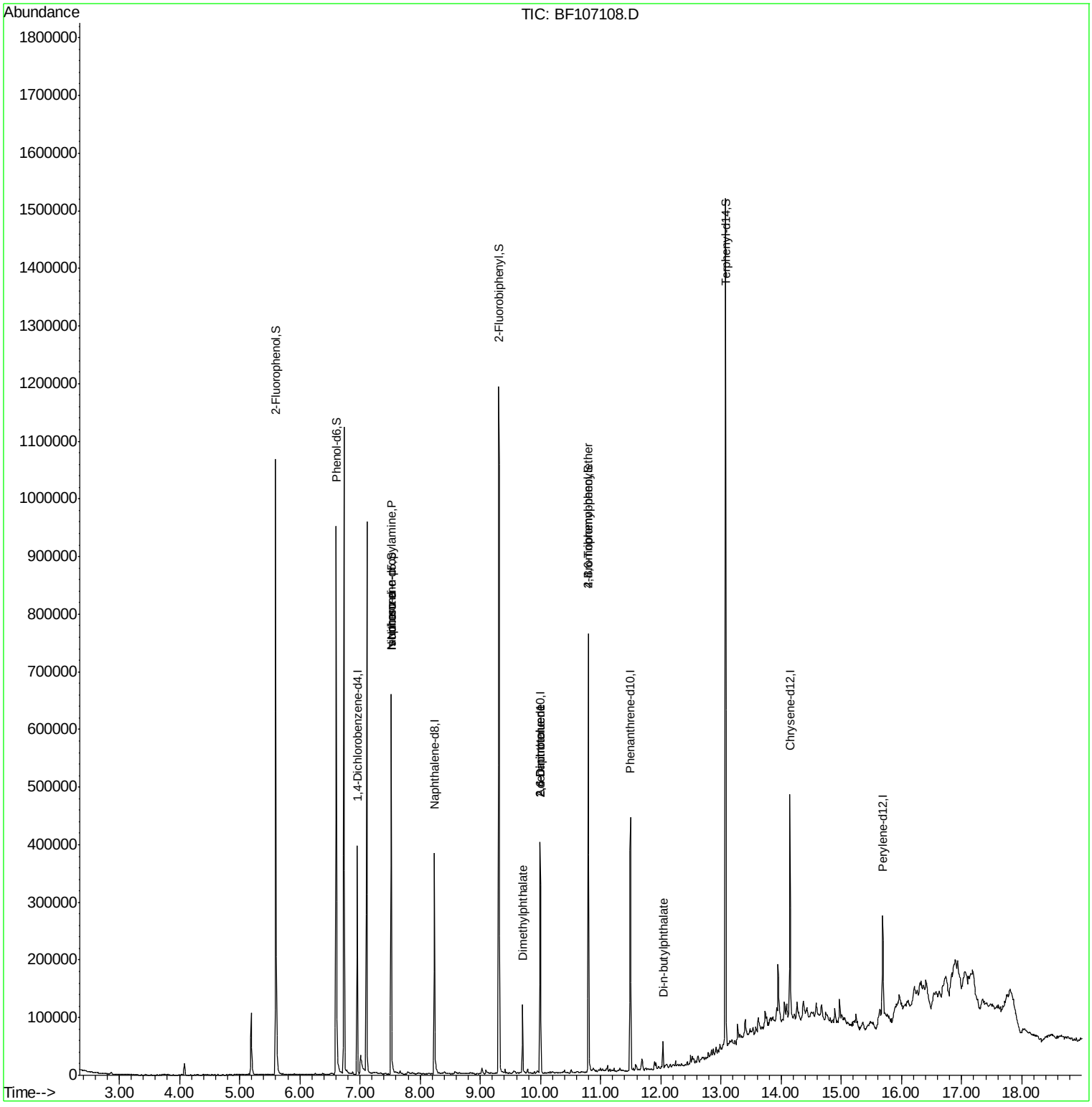
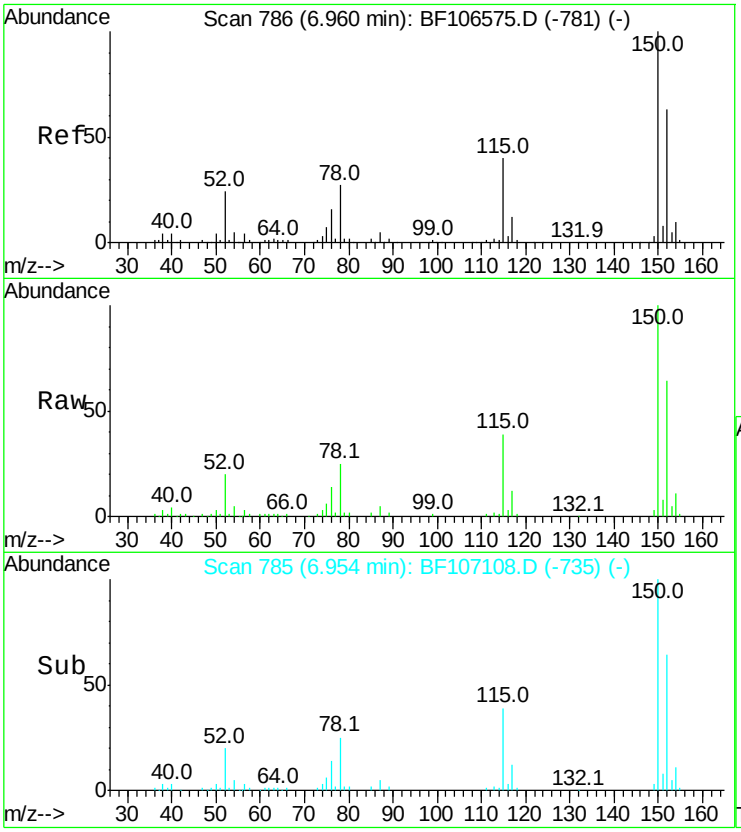


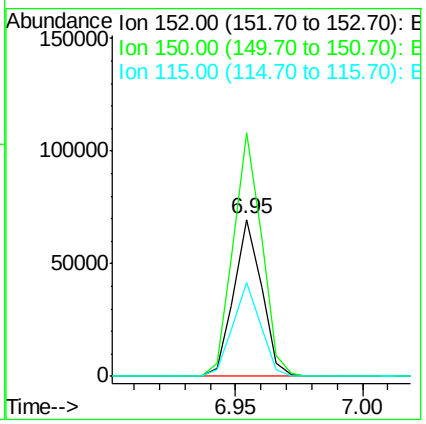


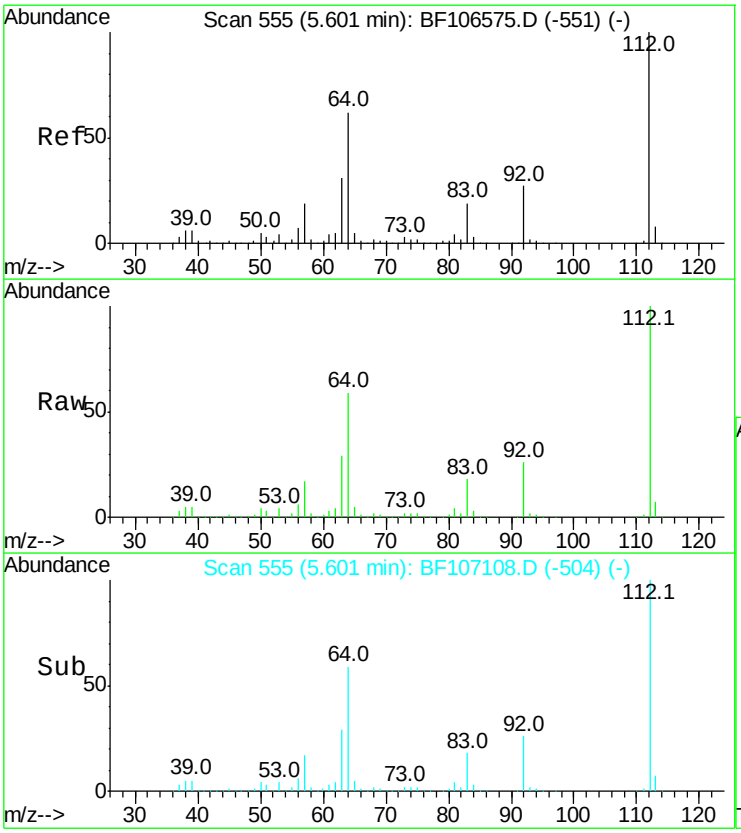
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 53398

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	59.9	50.1	75.1

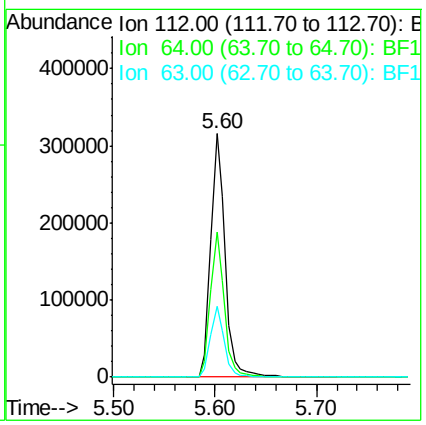


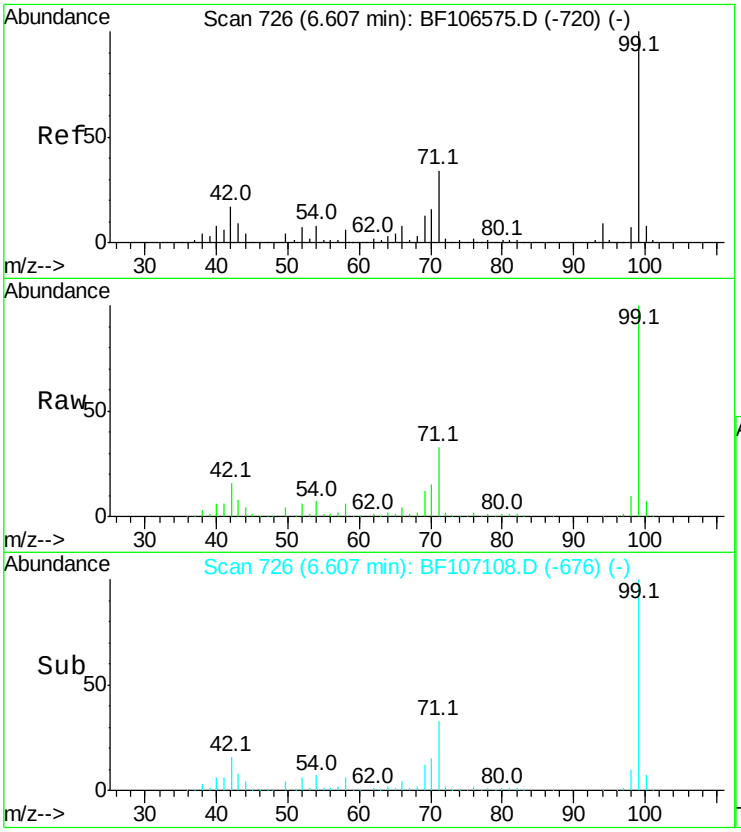


#5
2-Fluorophenol
Concen: 98.694 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Tgt Ion:112 Resp: 311228

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	29.2	23.7	35.5



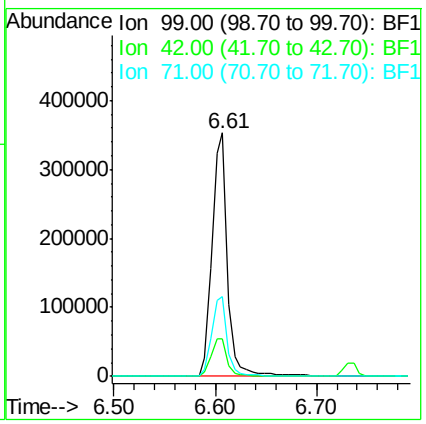


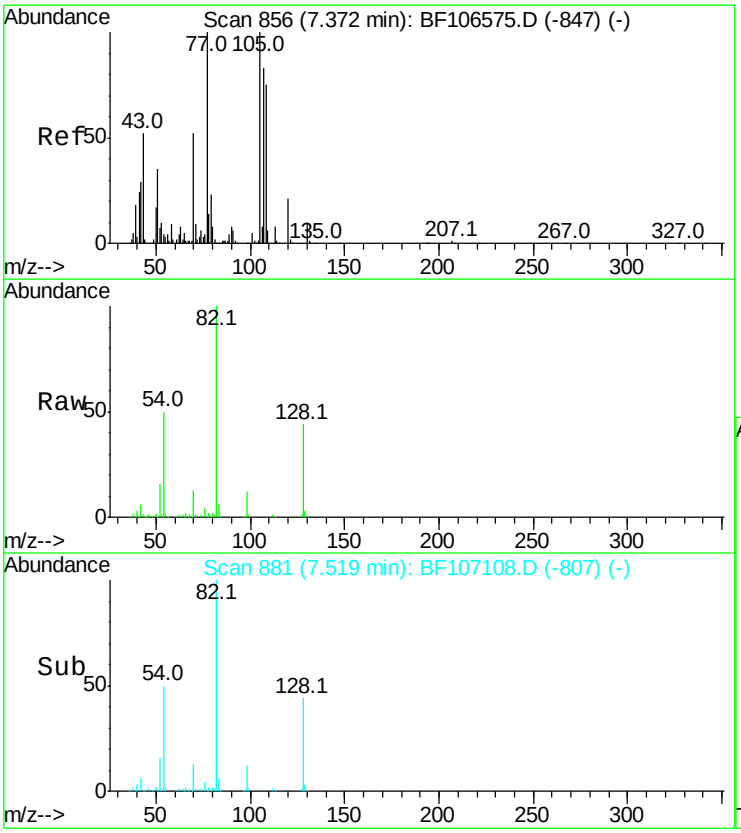
#7
Phenol-d6
Concen: 94.372 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 371641

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	32.8	25.4	38.0

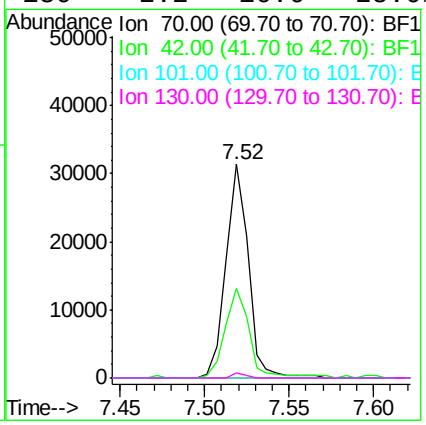


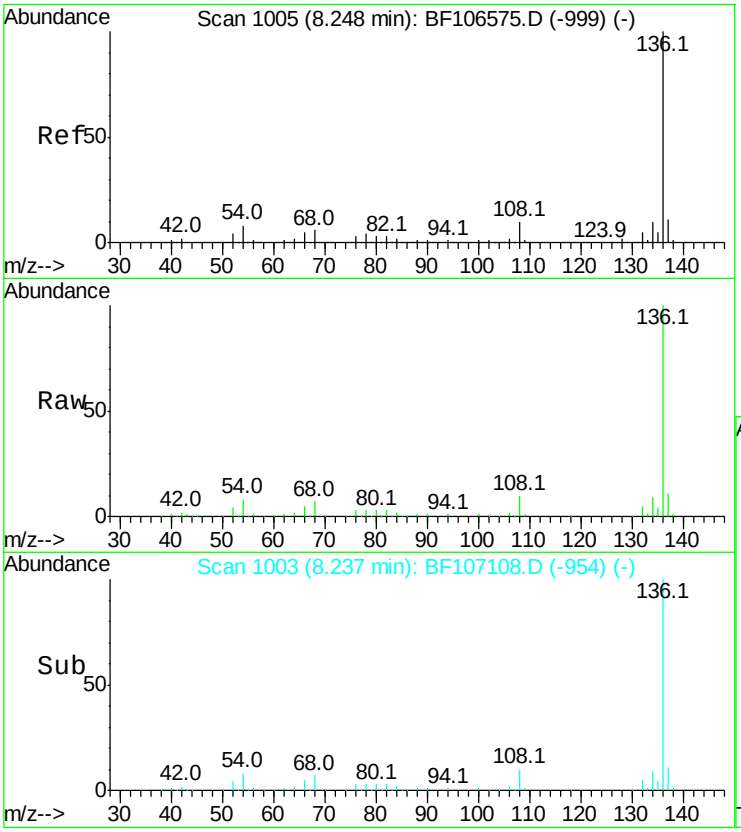


#19
n-Nitroso-di-n-propylamine
Concen: 11.187 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Tgt Ion: 70 Resp: 29039

Ion	Ratio	Lower	Upper
70	100		
42	41.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



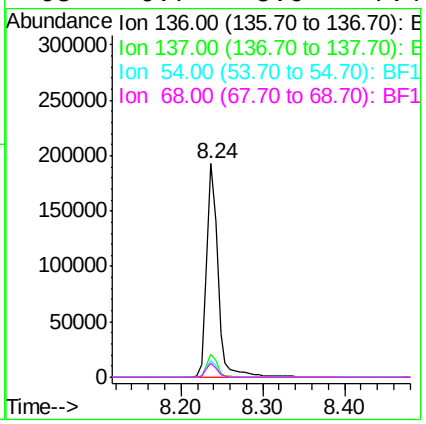


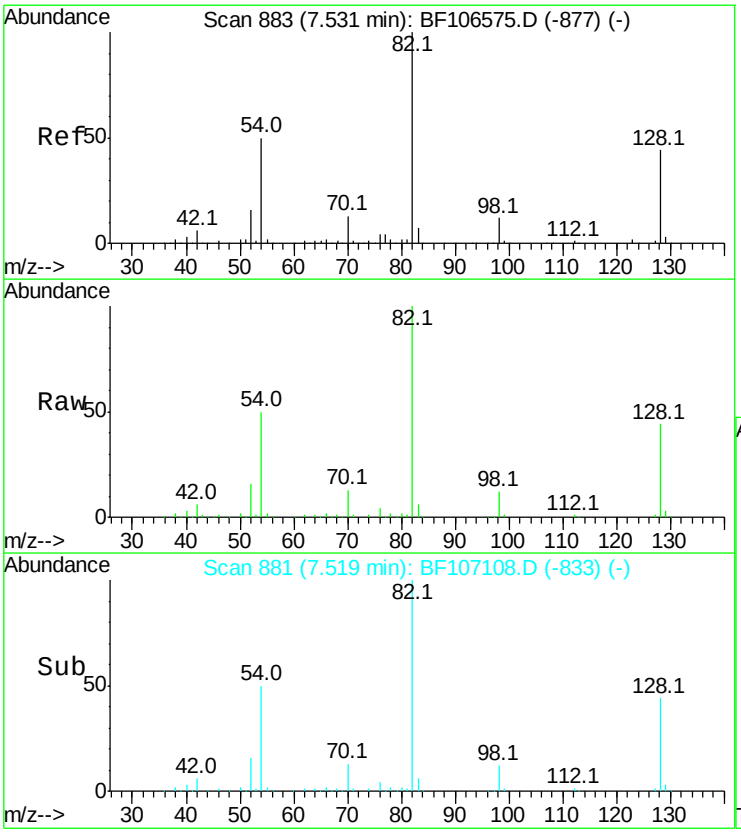
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 184943

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.1	6.6	9.8
68	6.7	5.0	7.4

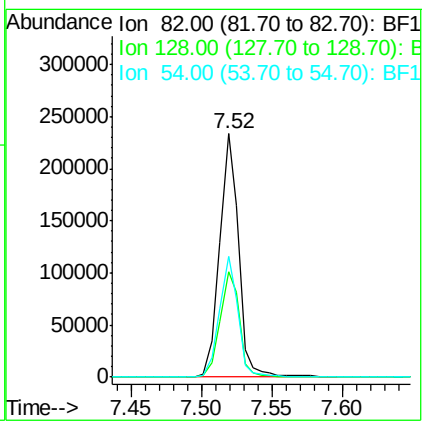


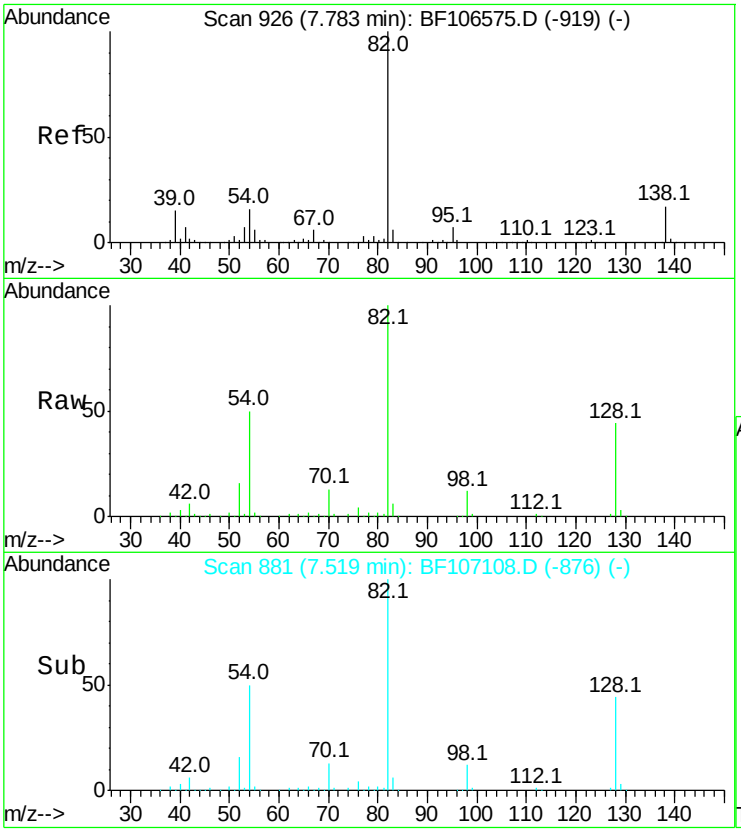


#23
Nitrobenzene-d5
Concen: 65.634 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Tgt Ion: 82 Resp: 218423

Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	49.6	41.4	62.2



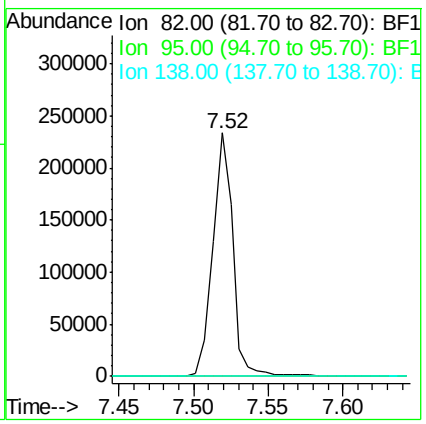


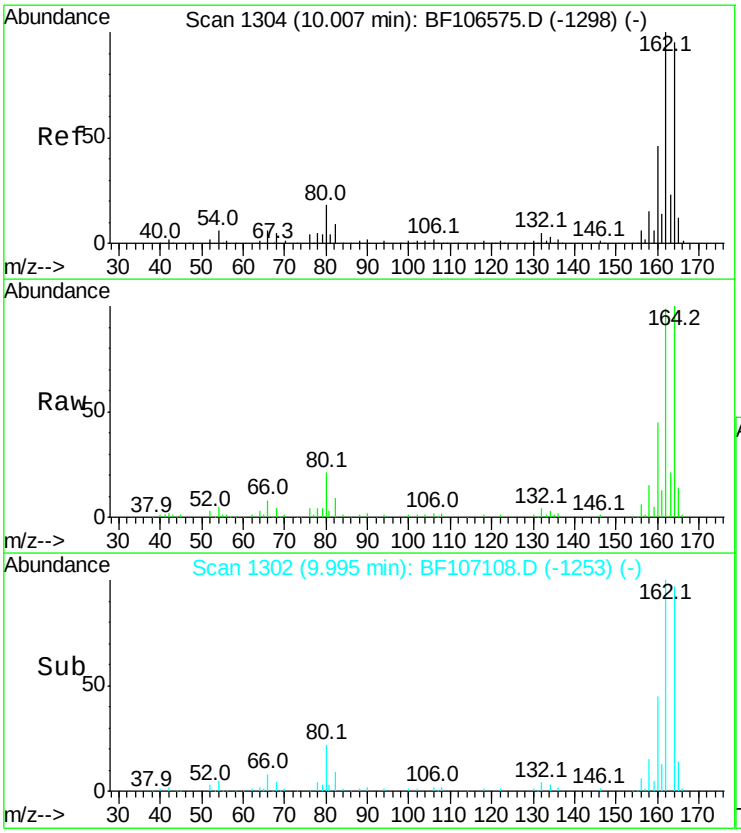
#25
Isophorone
Concen: 37.246 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 218421

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

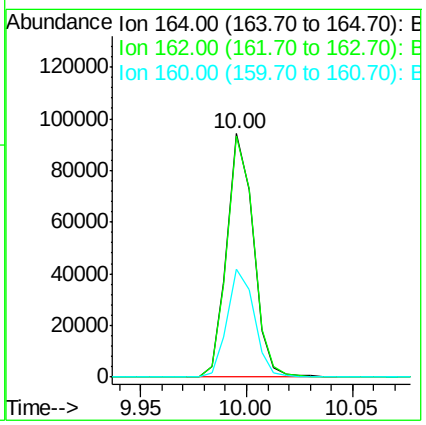


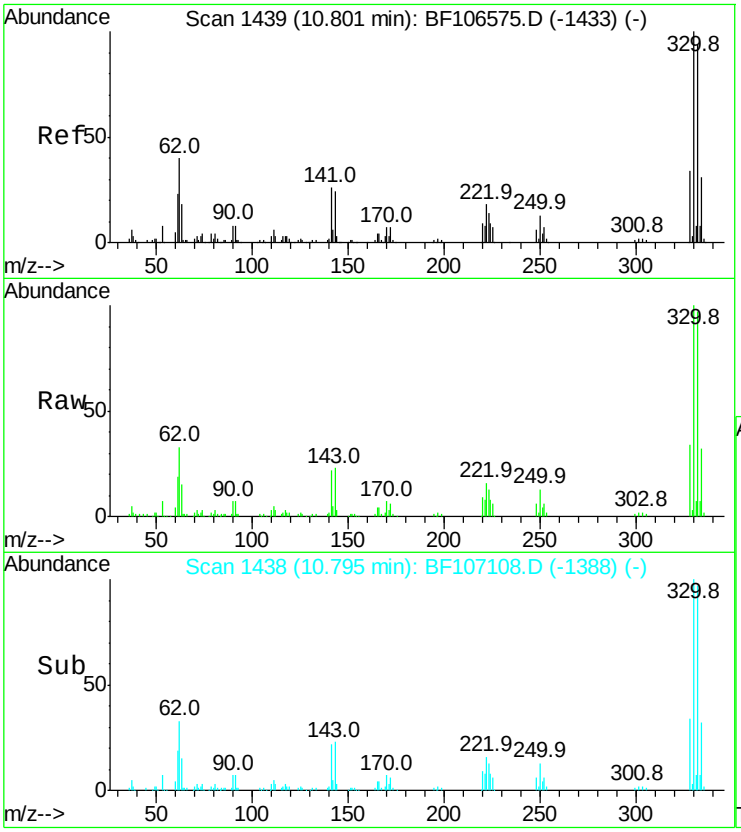


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Tgt Ion:164 Resp: 81863

Ion	Ratio	Lower	Upper
164	100		
162	98.9	86.1	129.1
160	44.6	38.3	57.5



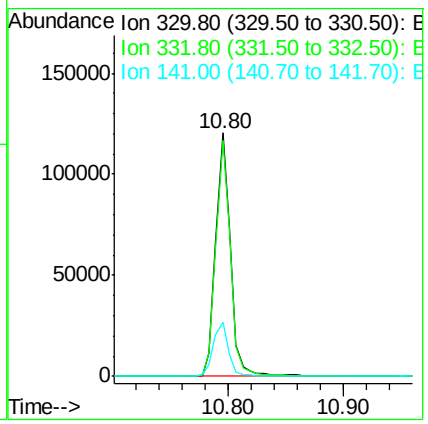


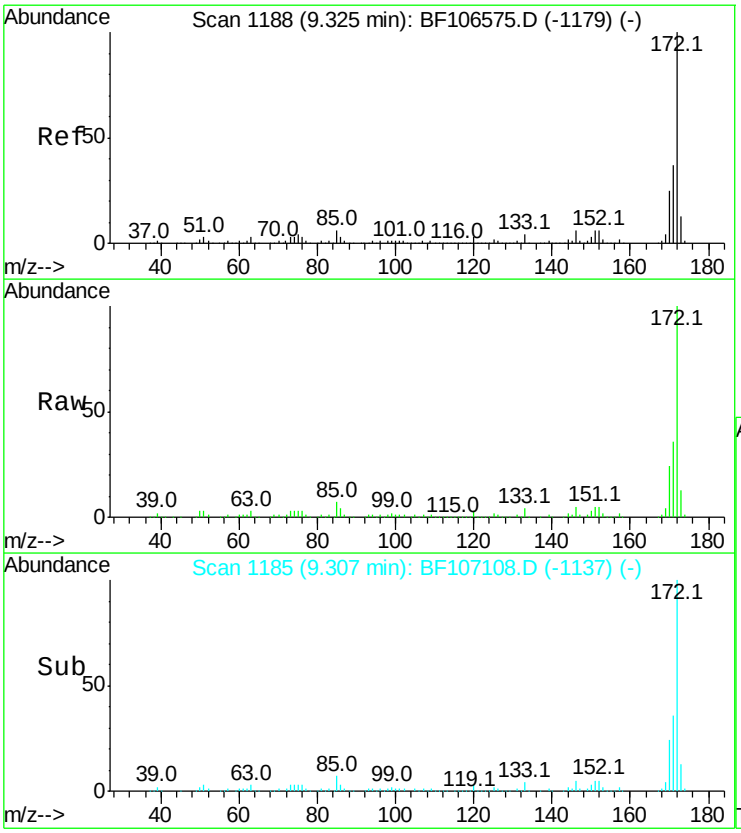
#41
2,4,6-Tribromophenol
Concen: 112.374 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 106622

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	23.0	29.9	44.9#

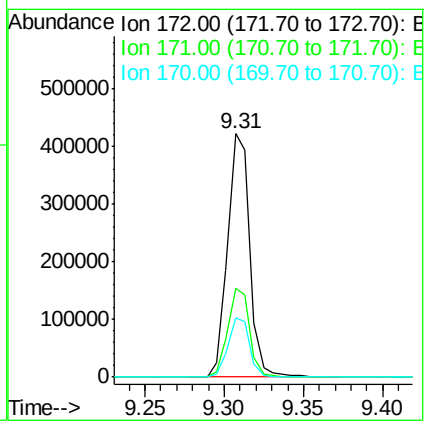


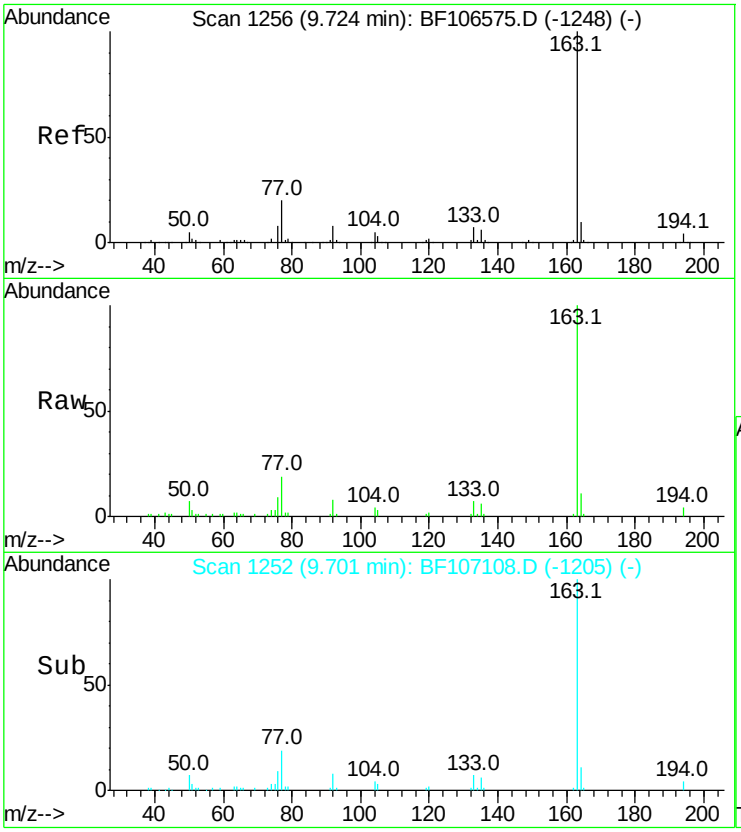


#44
2-Fluorobiphenyl
Concen: 84.611 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Tgt Ion:172 Resp: 409544

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4



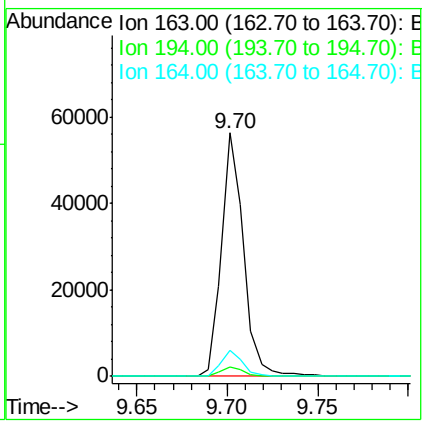


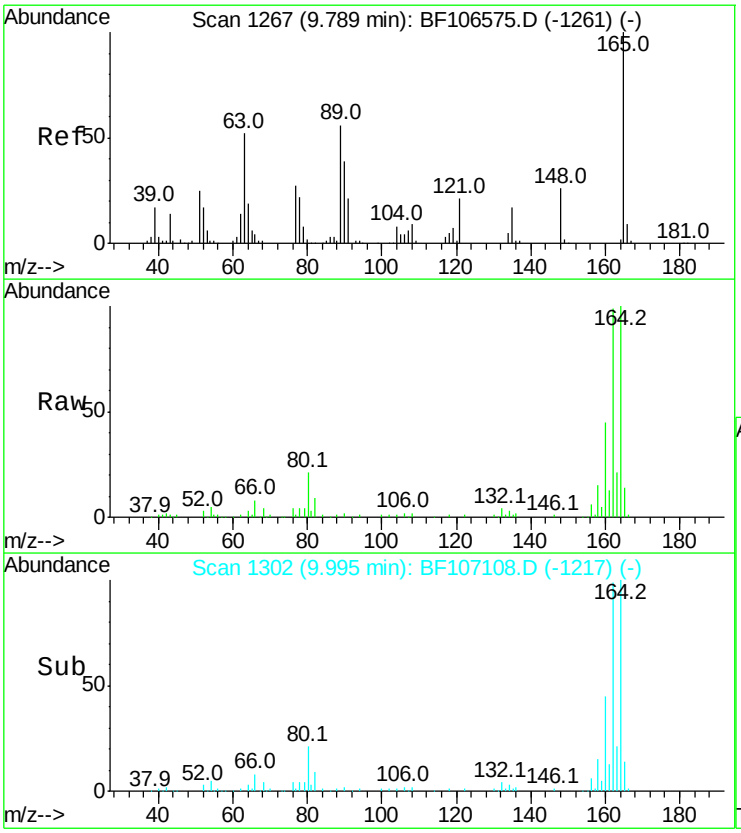
#49
Dimethylphthalate
Concen: 7.766 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 47682

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.9	8.2	12.2

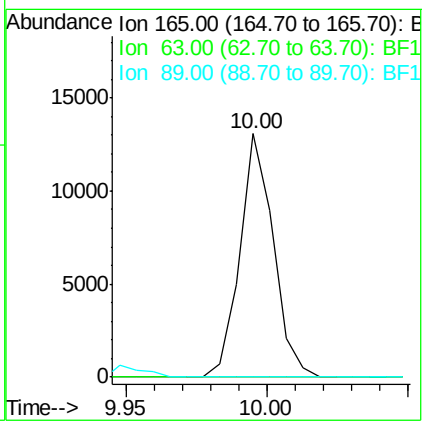


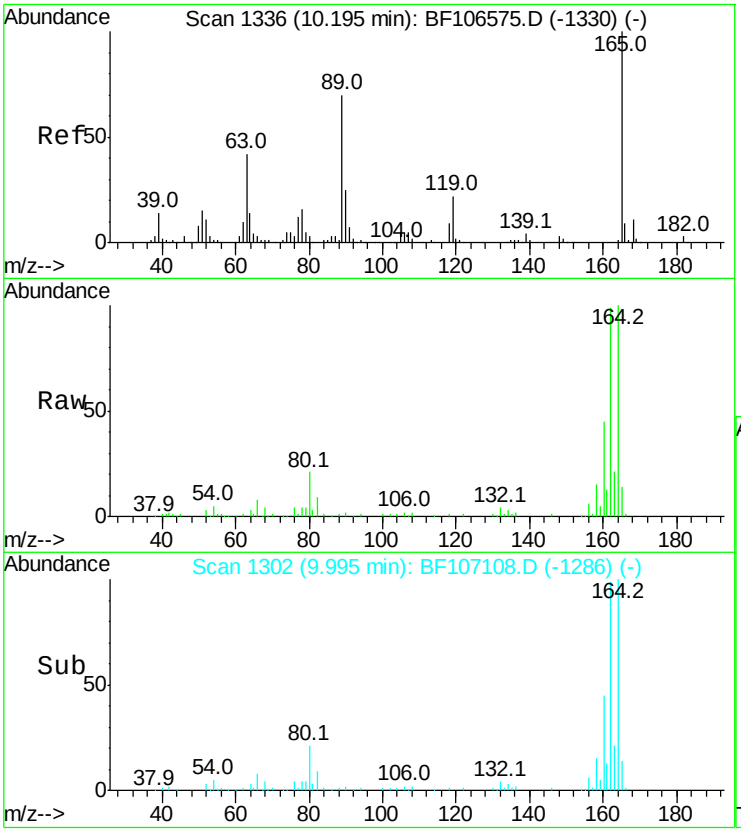


#50
2,6-Dinitrotoluene
Concen: 8.221 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Tgt Ion:165 Resp: 10689

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



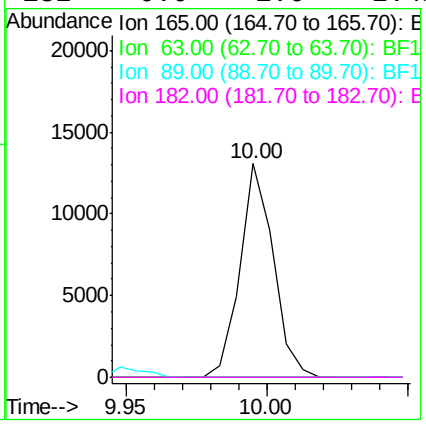


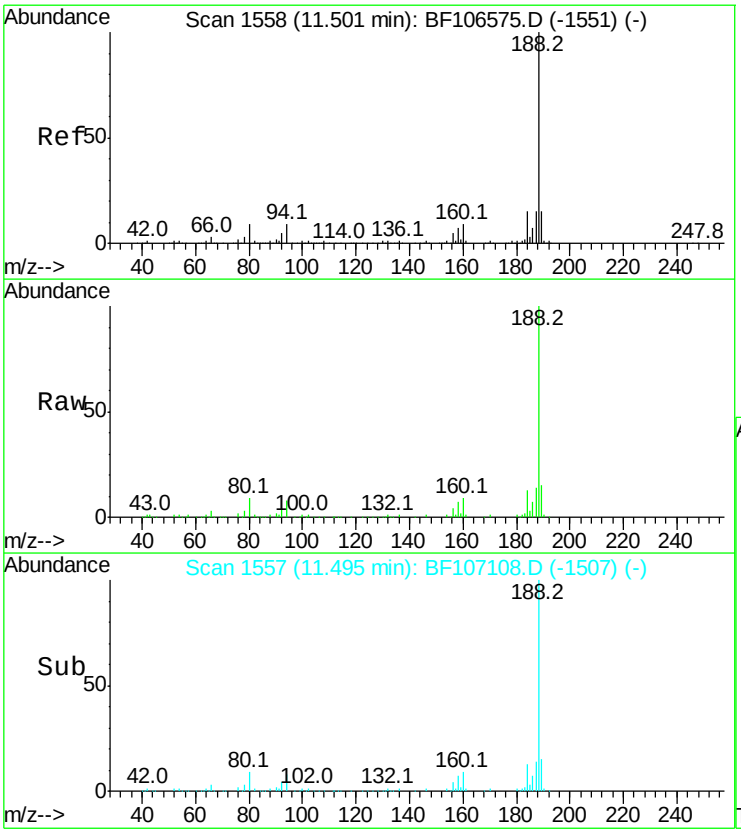
#56
2,4-Dinitrotoluene
Concen: 6.299 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10689

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#

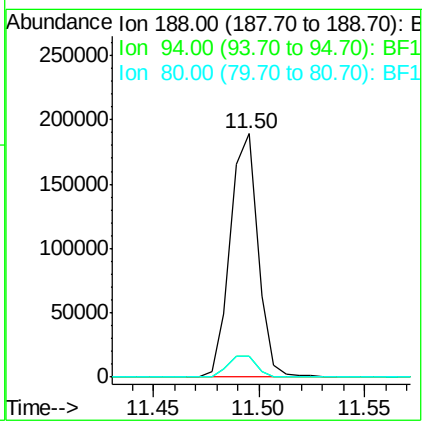


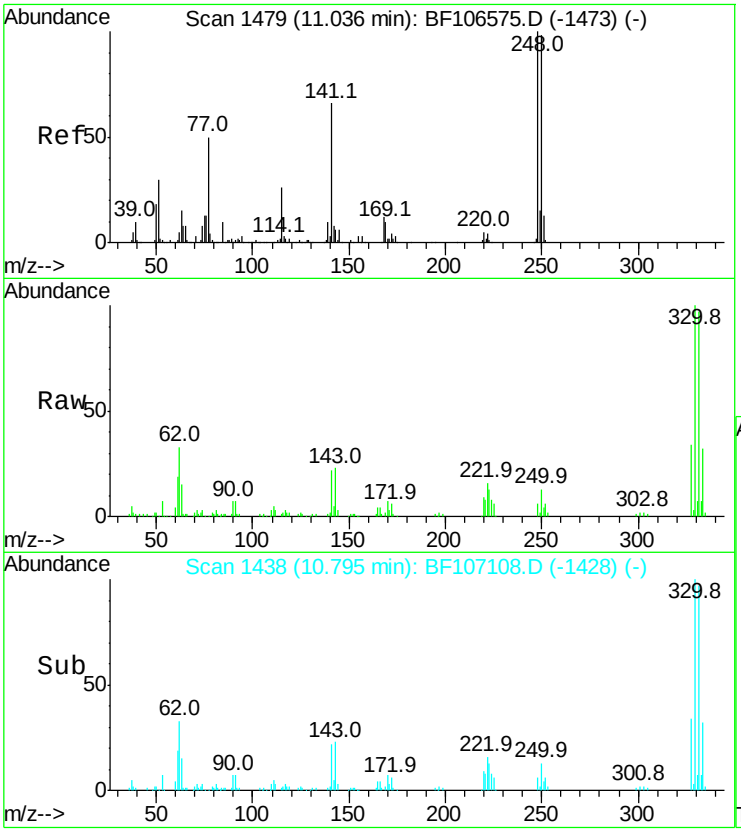


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Tgt Ion:188 Resp: 171678

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.6	9.2	13.8#



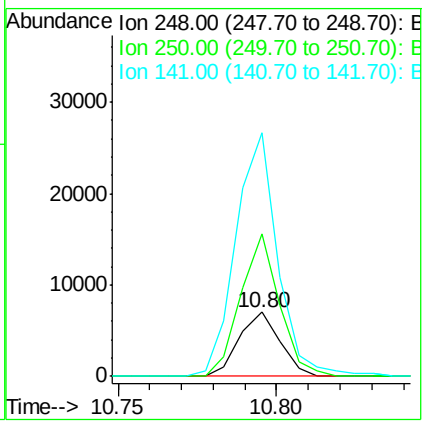


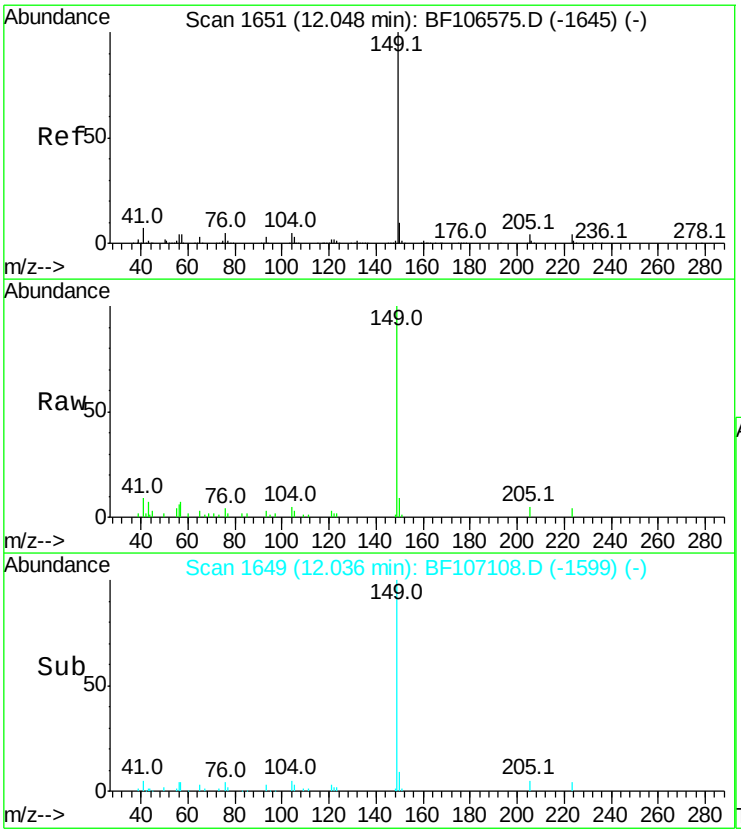
#66
4-Bromophenyl-phenylether
Concen: 3.049 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6247

Ion	Ratio	Lower	Upper
248	100		
250	224.2	76.9	115.3#
141	381.6	74.4	111.6#

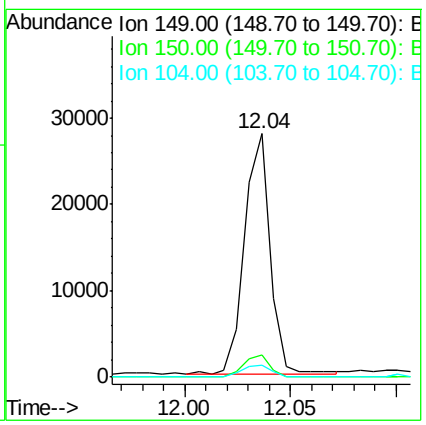


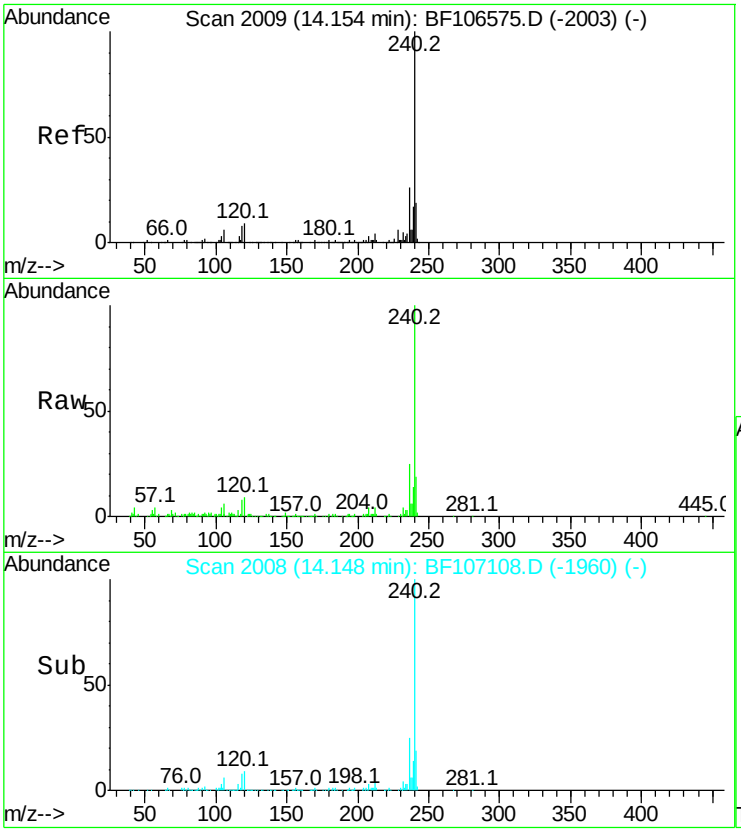


#73
Di-n-butylphthalate
Concen: 2.505 ng
RT: 12.04 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Tgt Ion:149 Resp: 23353

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	5.0	3.8	5.8



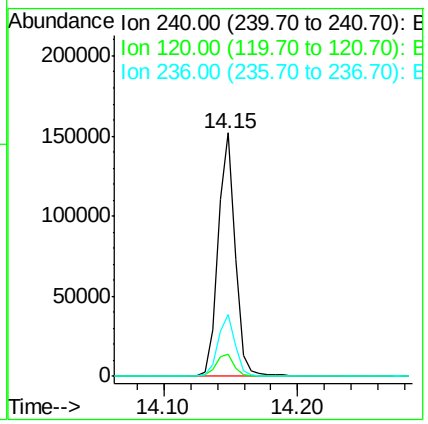


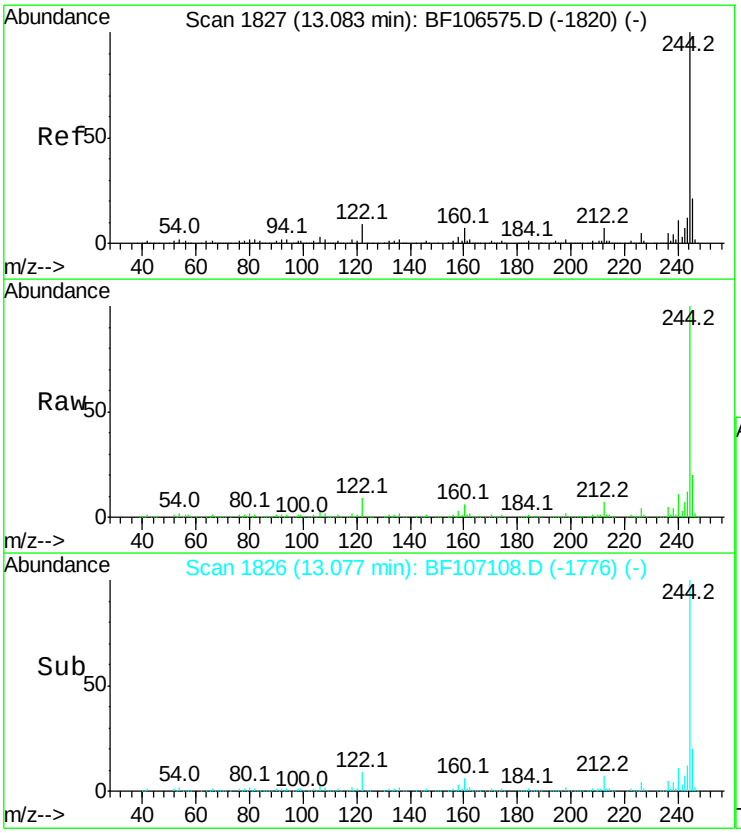
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 138053

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.2	20.7	31.1

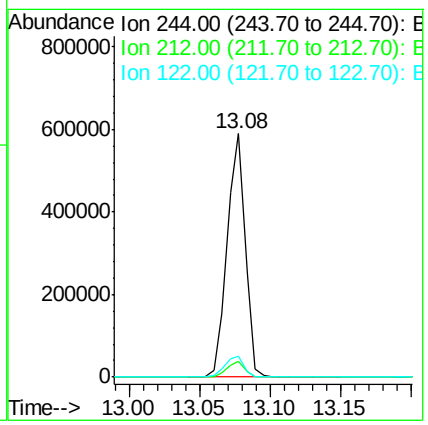


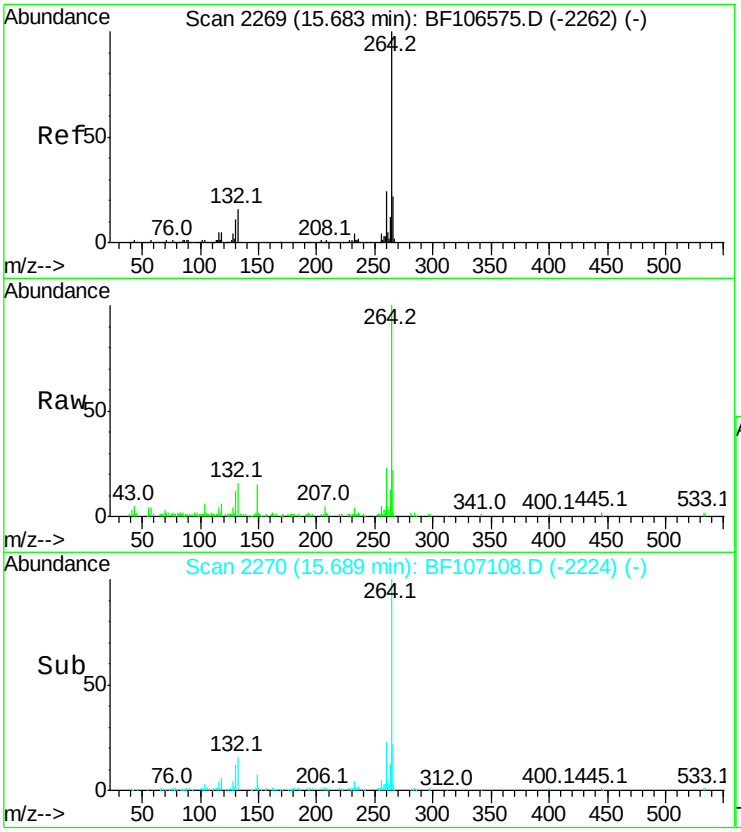


#78
Terphenyl-d14
Concen: 92.200 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107108.D
Acq: 4 Jul 2018 3:57

Tgt Ion:244 Resp: 525473

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.7	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: BF107108.D
Acq: 4 Jul 2018 3:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 97188

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3