Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107640.D
Acq On : 25 Jul 2018 2:38
Operator : JU/SJ
Sample : J4120-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 25 07:49:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	291038	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	1046583	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	403556	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	692695	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	515912	20.00	ng		-0.01
86) Perylene-d12	15.69	264	450873	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	2153253	118.95	ng		0.00
7) Phenol-d6	6.61	99	2584202	118.89	ng		0.00
23) Nitrobenzene-d5	7.54	82	1630251	105.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	542541	118.22	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	2423309	112.04	ng		-0.01
78) Terphenyl-d14	13.09	244	1901295	94.35	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	216636	15.428	ng	#	79
25) Isophorone	7.54	82	1630243	49.235	ng	#	64
32) Benzoic acid	8.25	122	111	7.909	ng	#	1
49) Dimethylphthalate	9.71	163	257431	8.464	ng		99
56) 2,4-Dinitrotoluene	10.01	165	52929	7.261	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.81	198	989	8.923	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	32152	3.943	ng	#	1
73) Di-n-butylphthalate	12.05	149	3453	Below Cal		#	92
81) 3,3'-Dichlorobenzidine	14.11	252	984	Below Cal		#	27

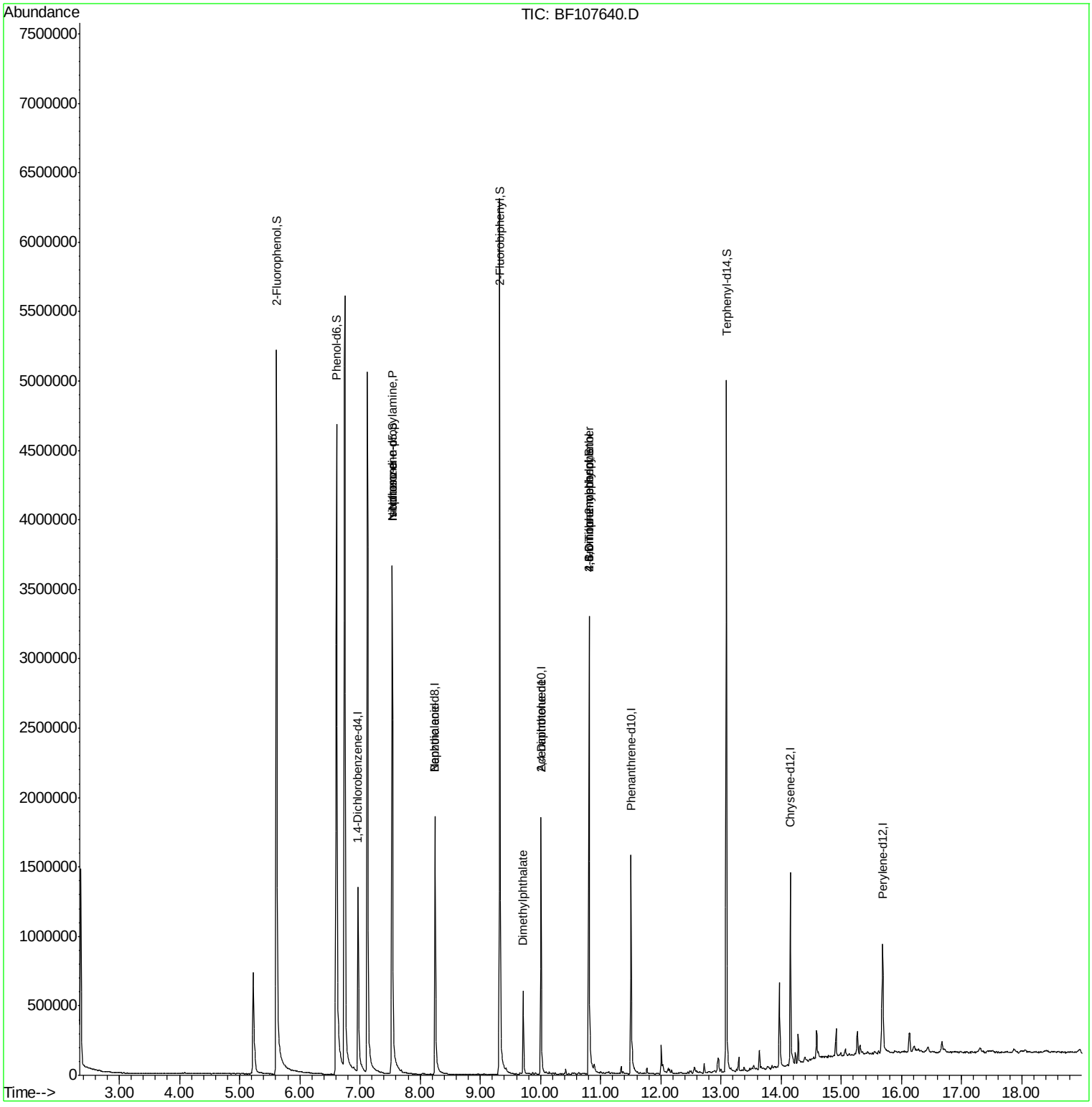
(#) = qualifier out of range (m) = manual integration (+) = signals summed

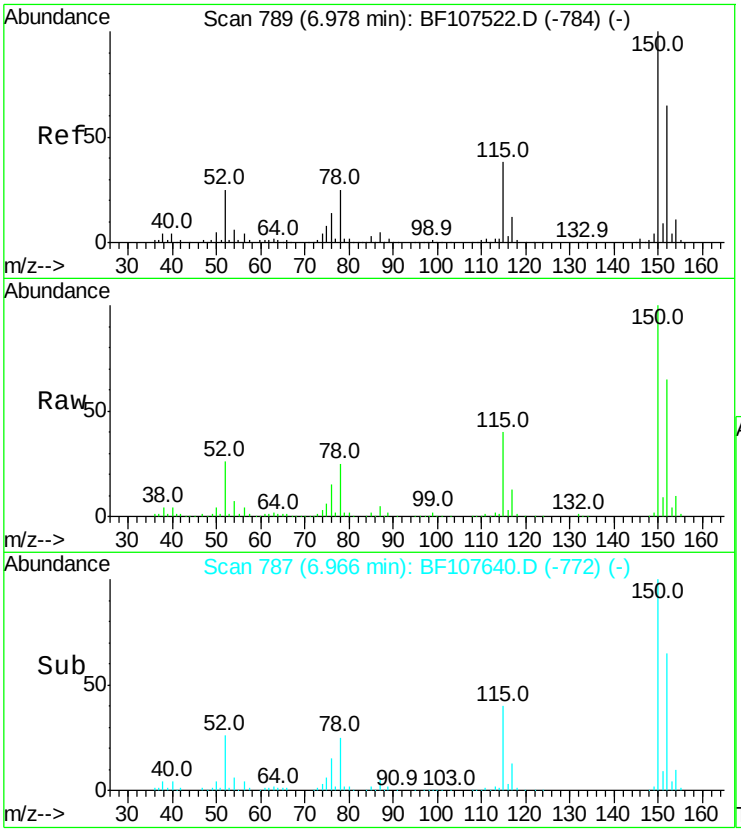
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107640.D
Acq On : 25 Jul 2018 2:38
Operator : JU/SJ
Sample : J4120-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 25 07:49:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



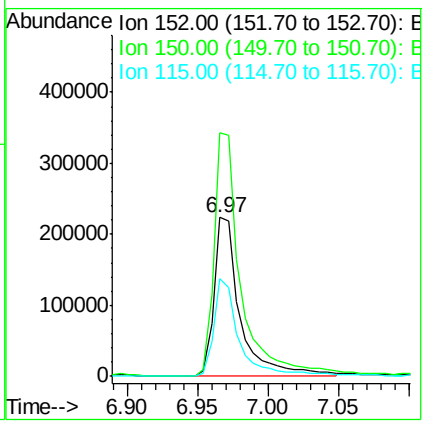


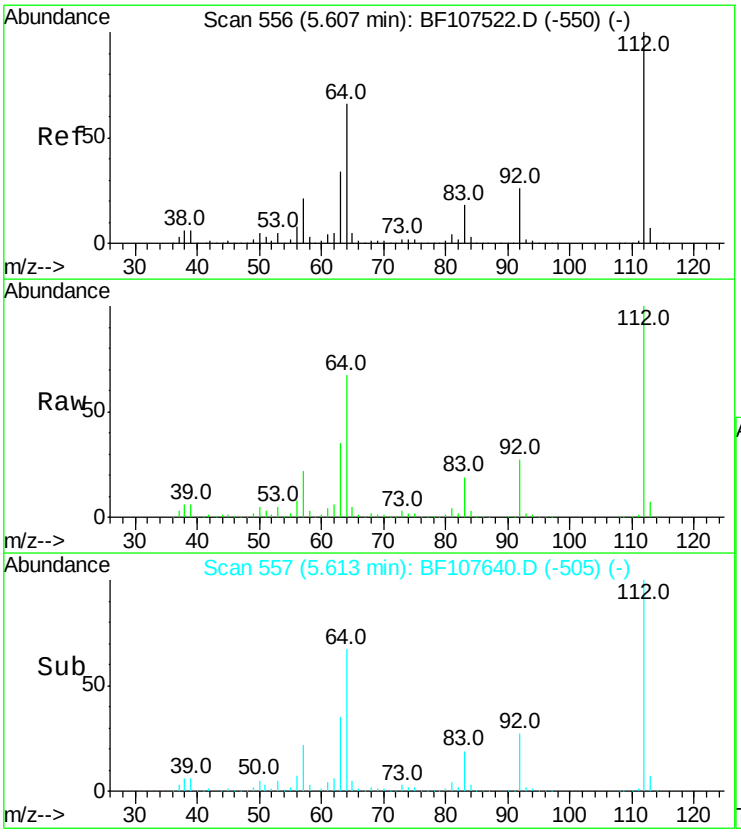
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 291038

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	61.2	50.1	75.1

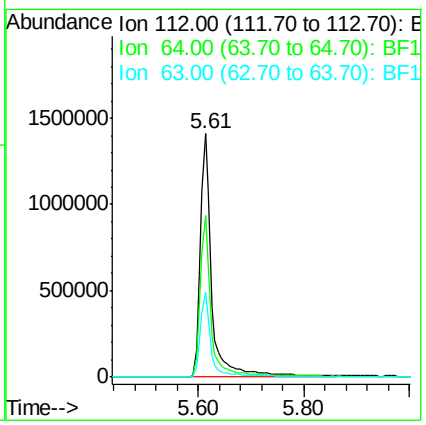


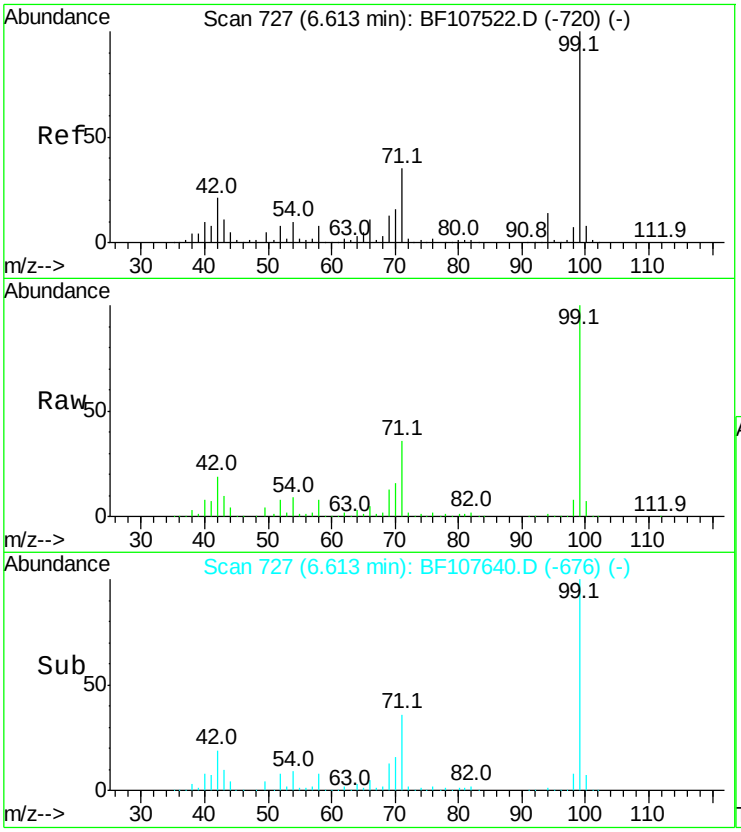


#5
2-Fluorophenol
Concen: 118.954 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion:112 Resp: 2153253

Ion	Ratio	Lower	Upper
112	100		
64	66.7	47.9	71.9
63	34.9	23.7	35.5



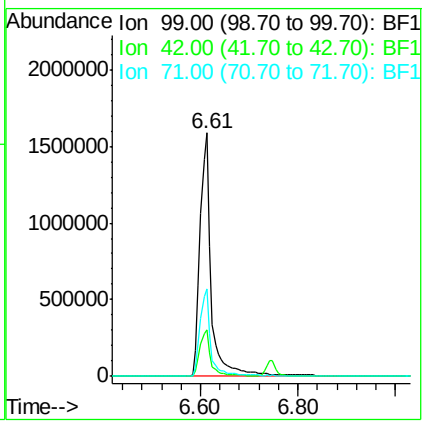


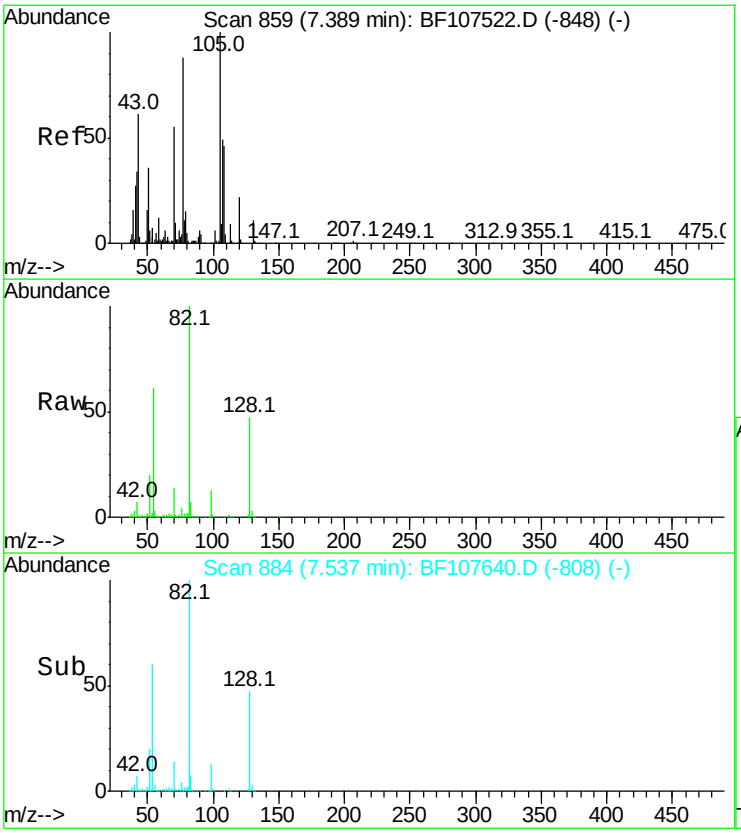
#7
Phenol-d6
Concen: 118.895 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2584202

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	35.7	25.4	38.0

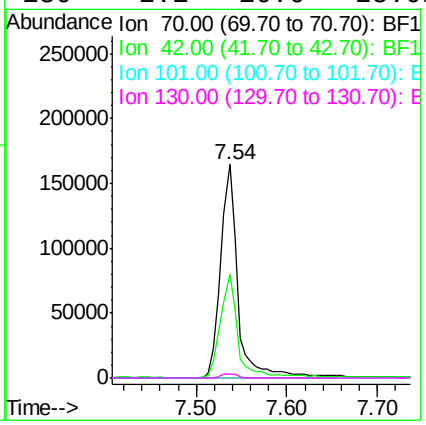


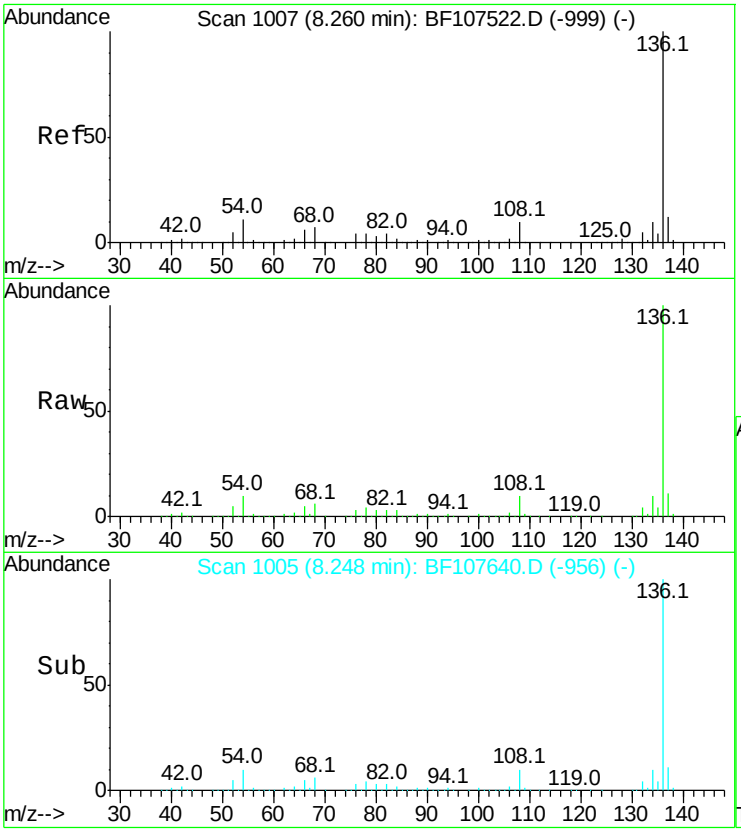


#19
n-Nitroso-di-n-propylamine
Concen: 15.428 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion: 70 Resp: 216636

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



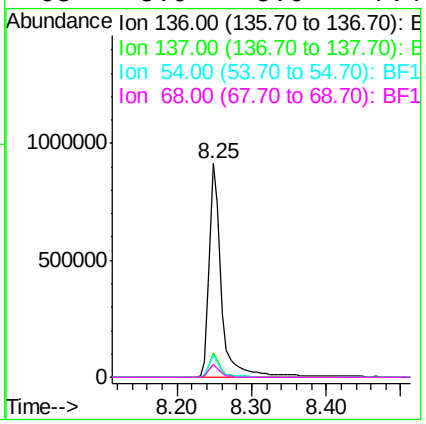


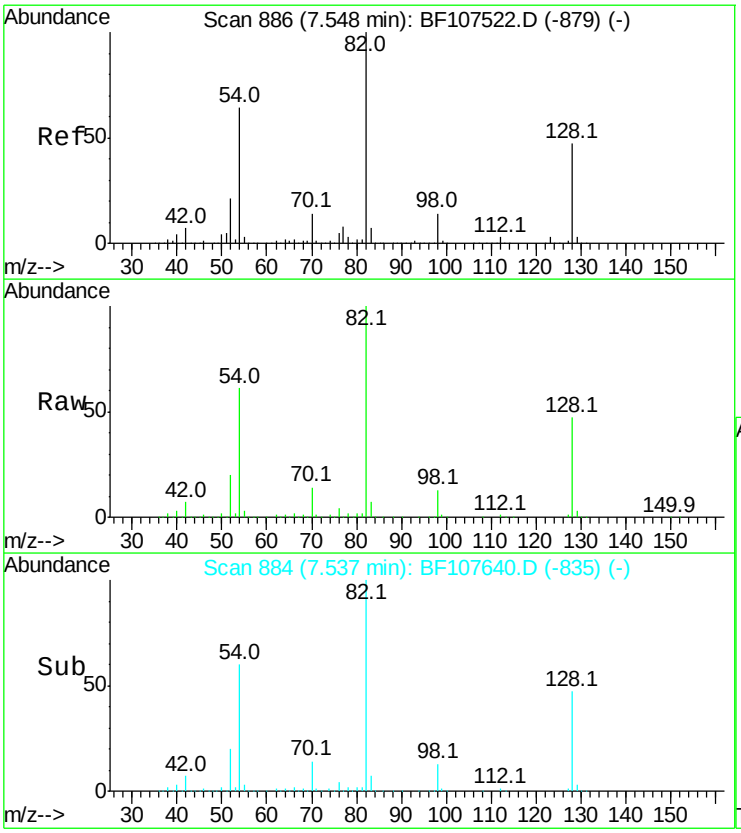
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1046583

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.0	6.6	9.8#
68	5.9	5.0	7.4

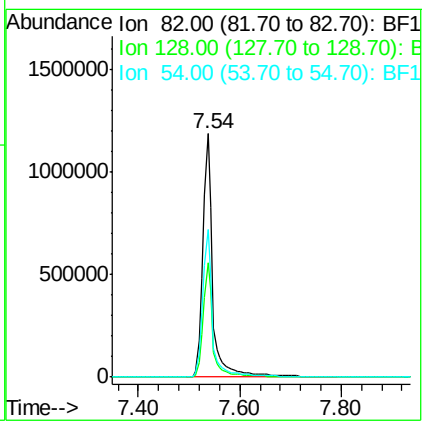


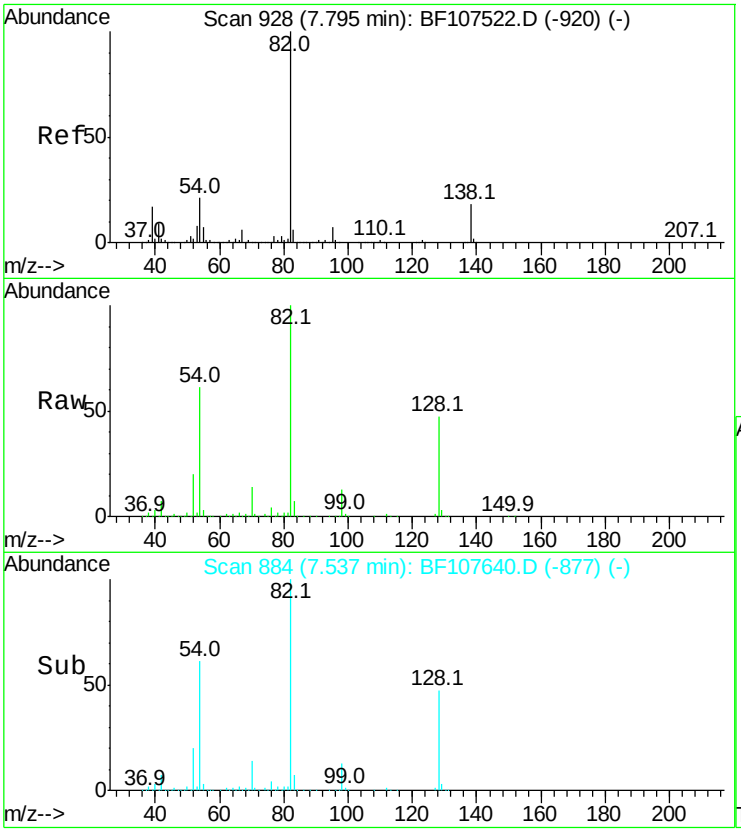


#23
Nitrobenzene-d5
Concen: 105.125 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion: 82 Resp: 1630251

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	60.5	41.4	62.2



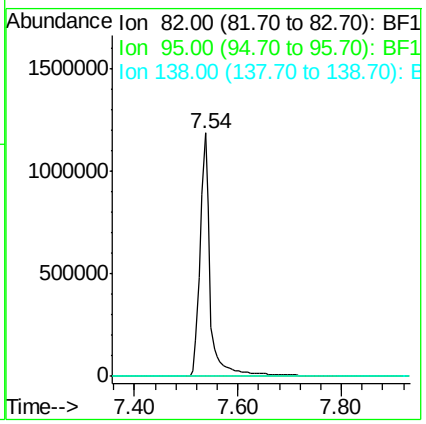


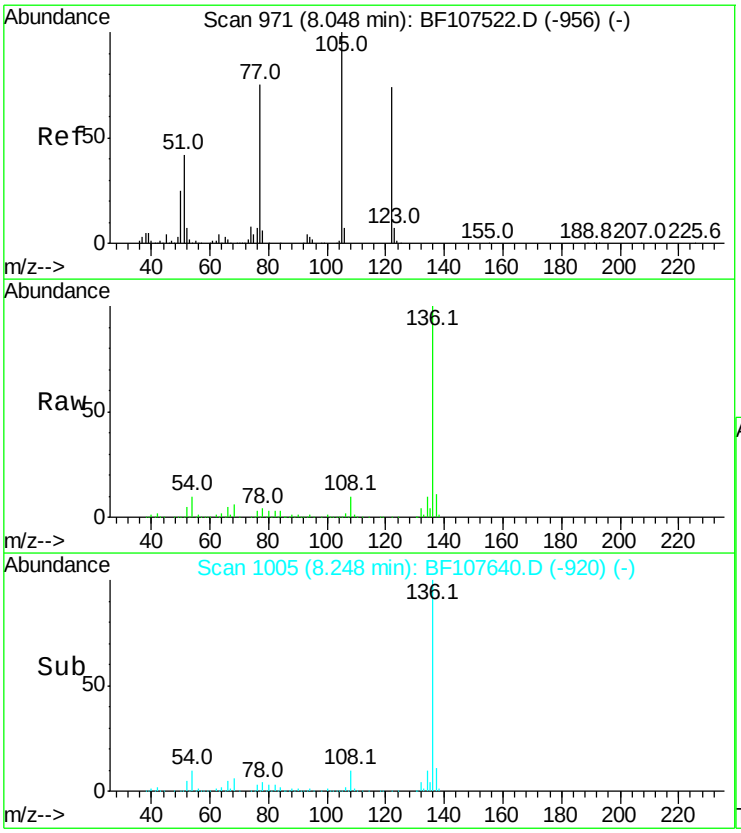
#25
Isophorone
Concen: 49.235 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1630243

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

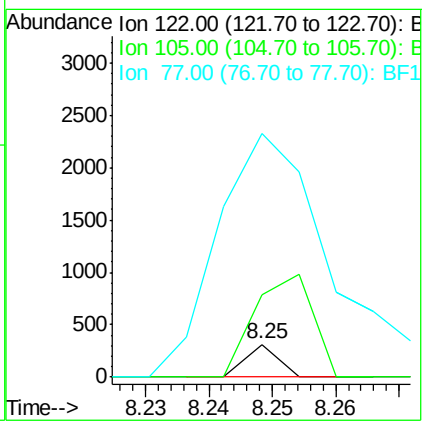


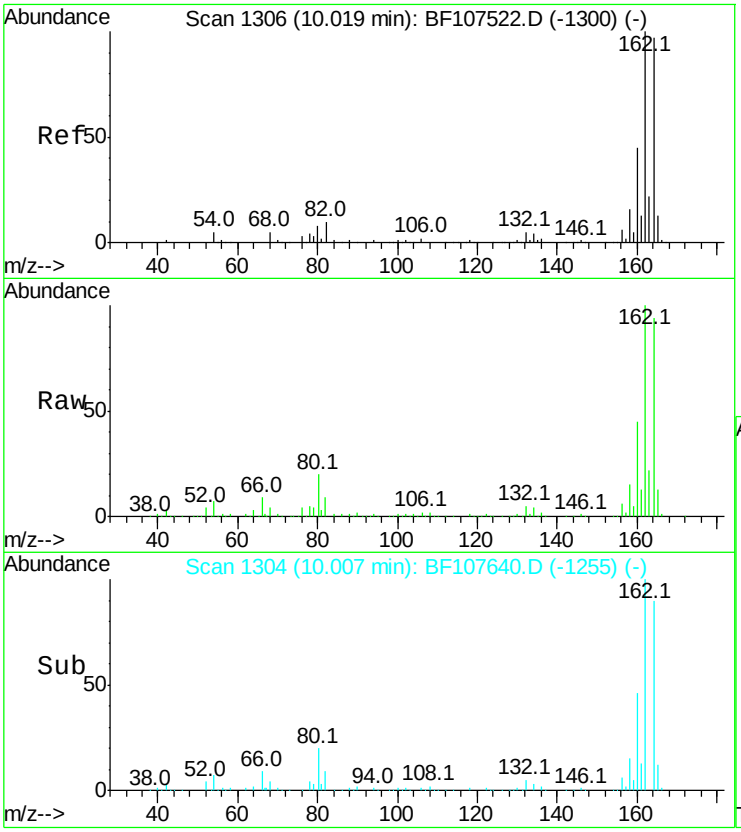


#32
Benzoic acid
Concen: 7.909 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.20 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion:122 Resp: 111

Ion	Ratio	Lower	Upper
122	100		
105	249.2	101.1	141.1#
77	738.4	70.7	110.7#



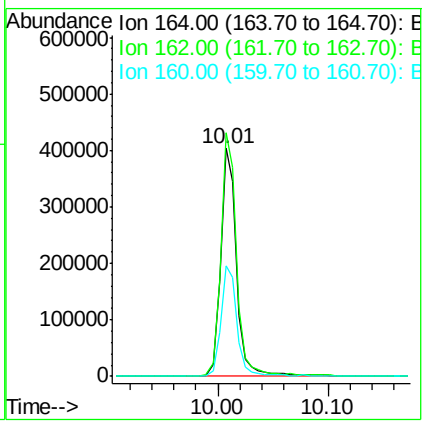


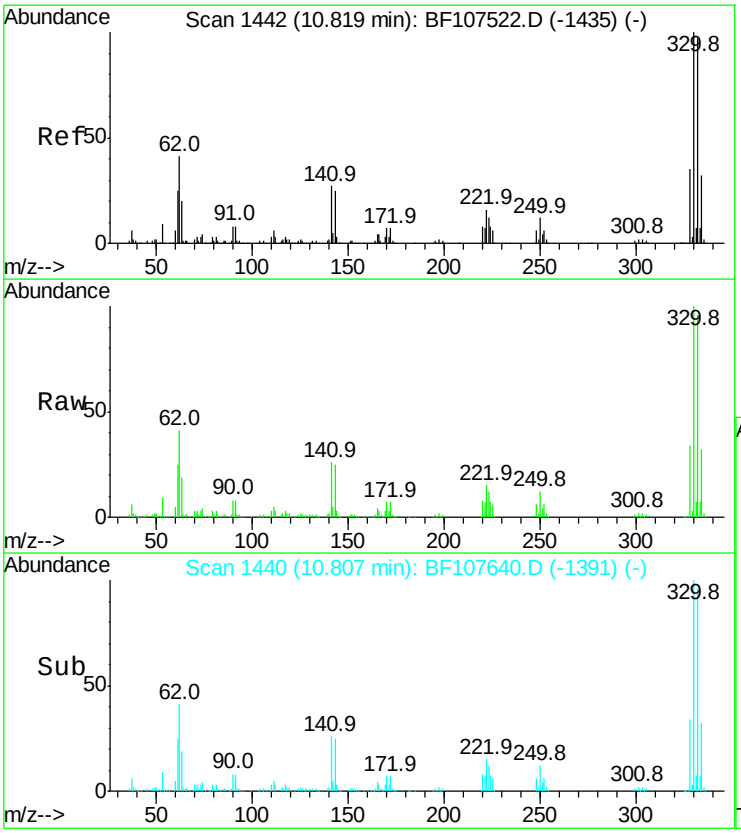
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 403556

Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.1	129.1
160	48.4	38.3	57.5

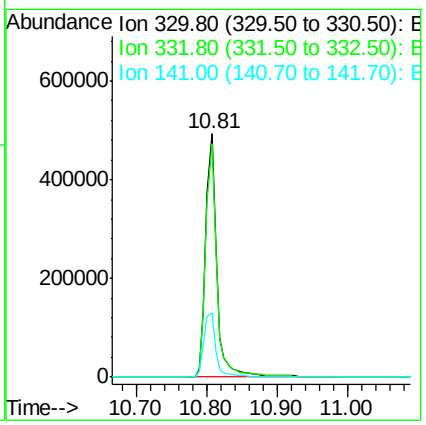


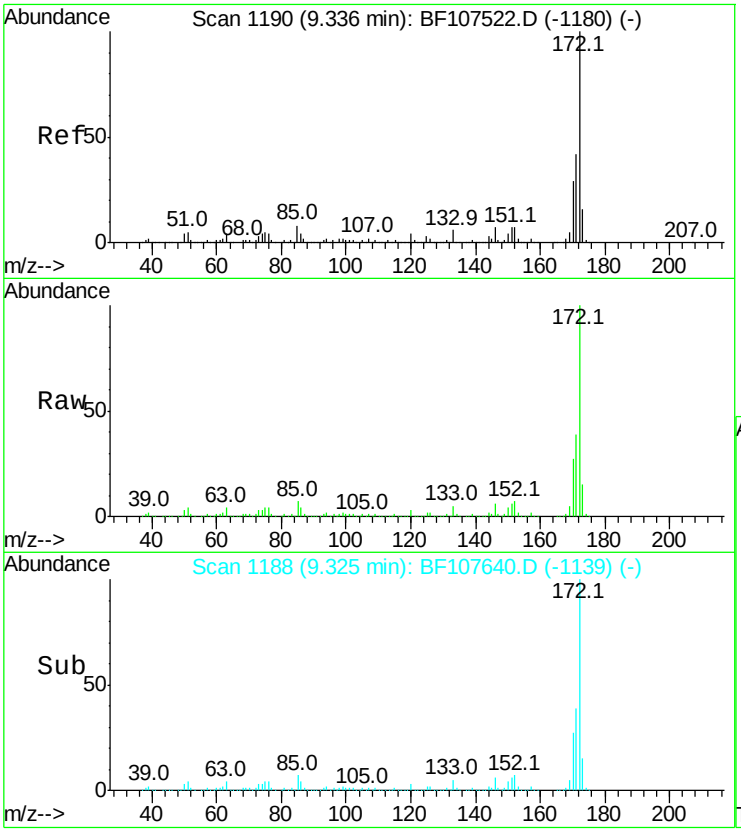


#41
2,4,6-Tribromophenol
Concen: 118.225 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion:330 Resp: 542541

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	29.3	29.9	44.9#



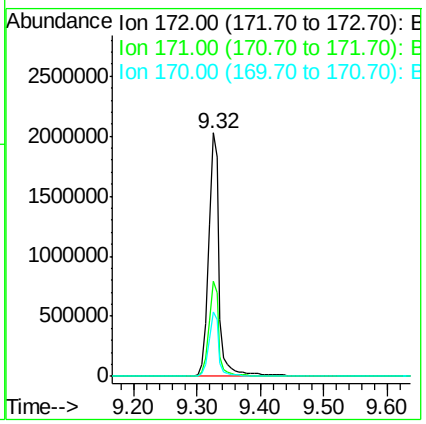


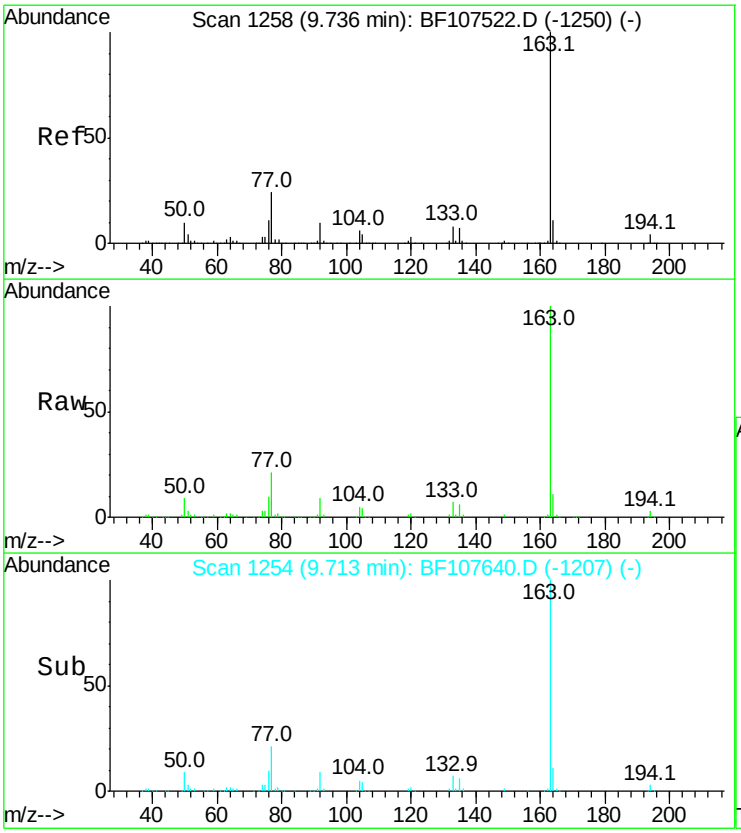
#44
2-Fluorobiphenyl
Concen: 112.038 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2423309

Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.7	44.5
170	26.7	19.6	29.4

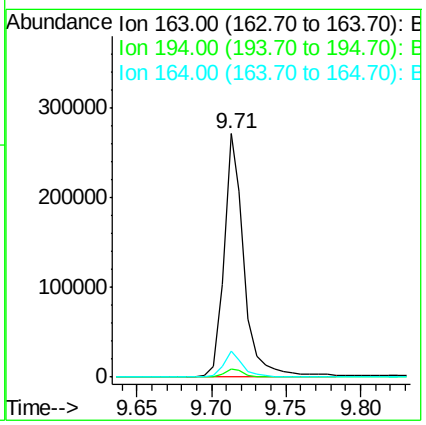


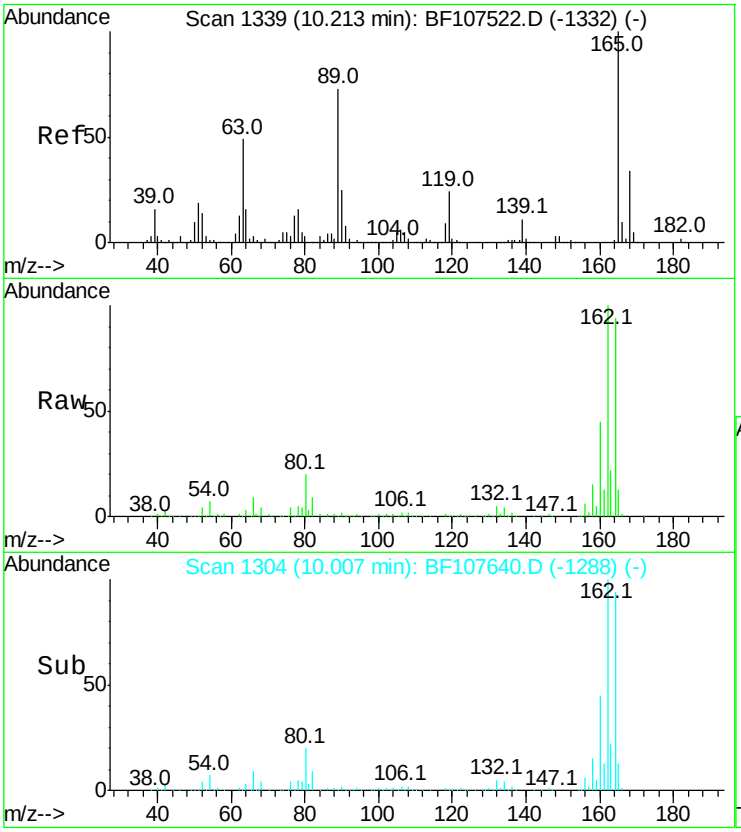


#49
Dimethylphthalate
Concen: 8.464 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion:163 Resp: 257431

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.6	8.2	12.2



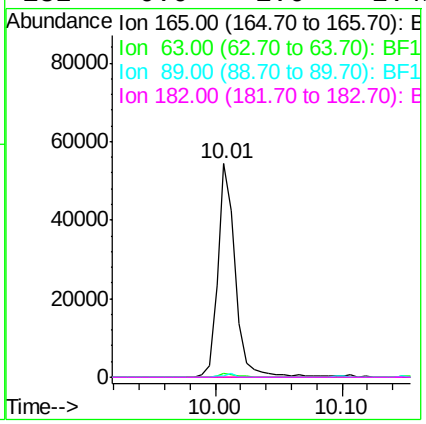


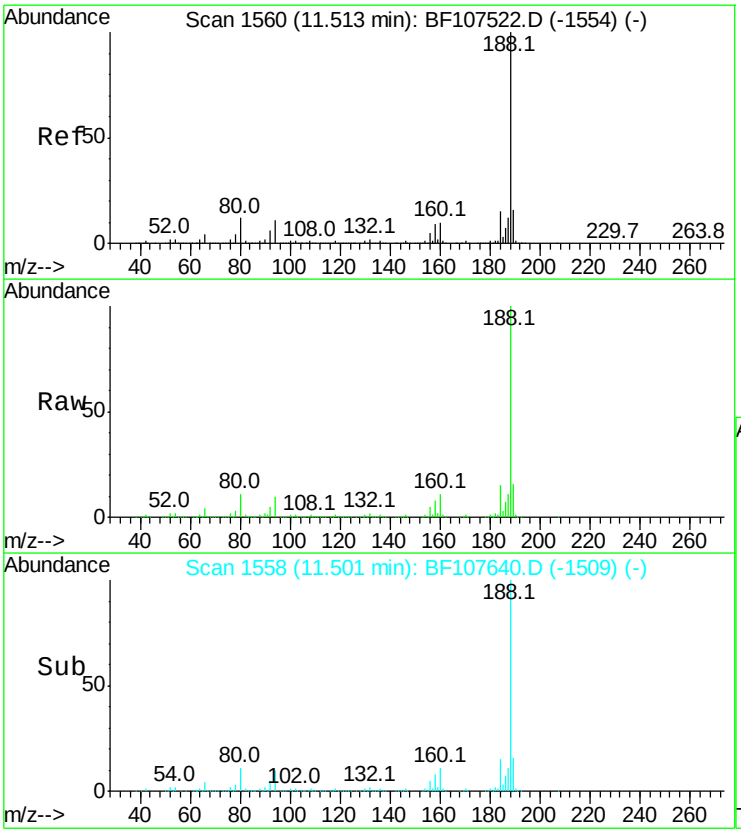
#56
2,4-Dinitrotoluene
Concen: 7.261 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 52929

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#

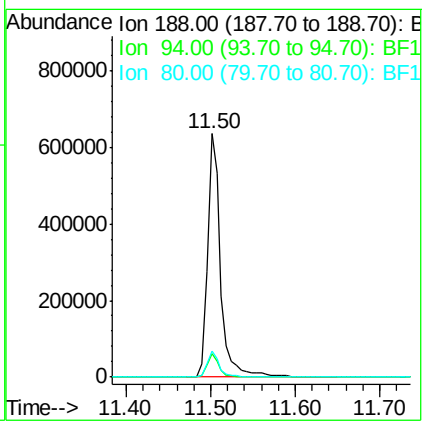


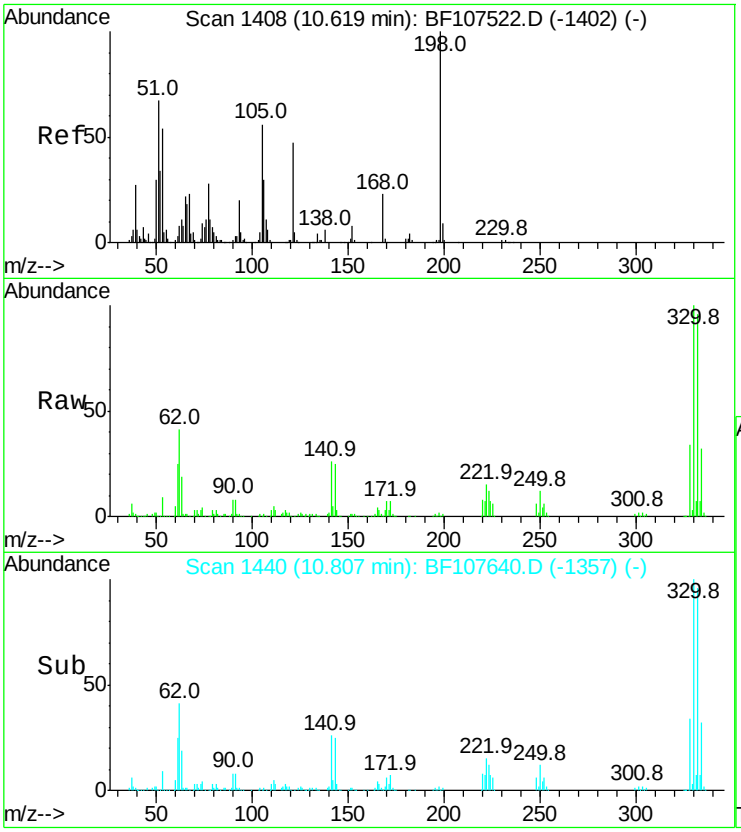


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion:188 Resp: 692695

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.7	9.2	13.8



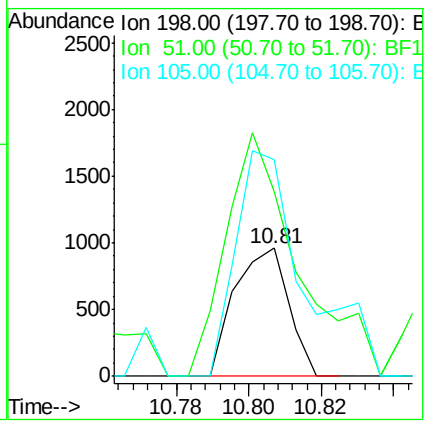


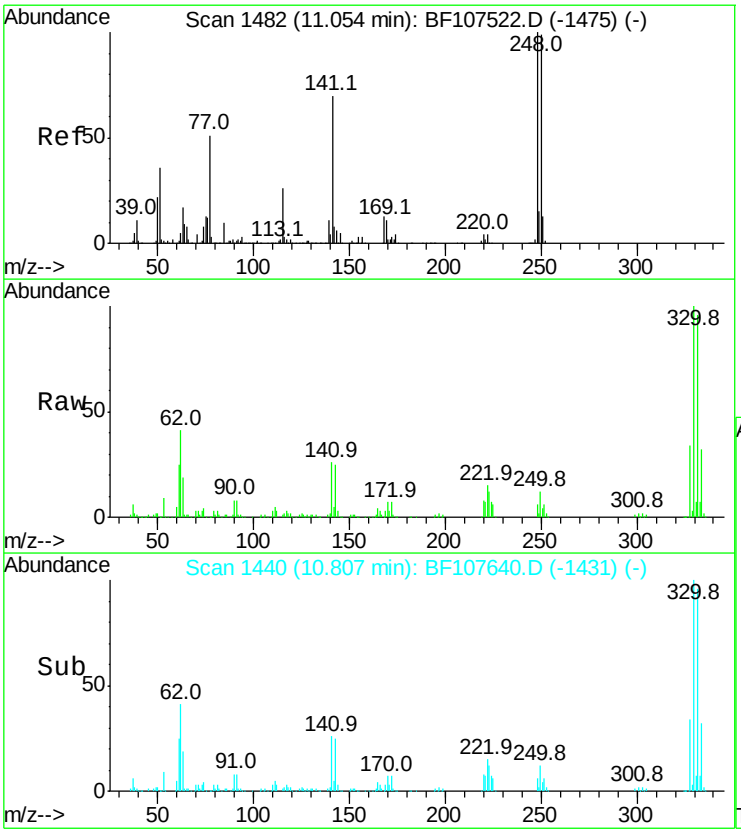
#64
4,6-Dinitro-2-methylphenol
Concen: 8.923 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 989

Ion	Ratio	Lower	Upper
198	100		
51	144.4	37.7	77.7#
105	169.0	36.3	76.3#

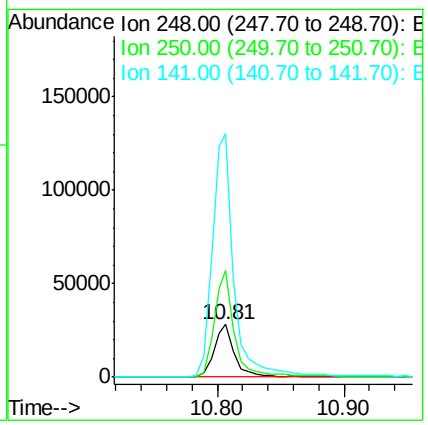


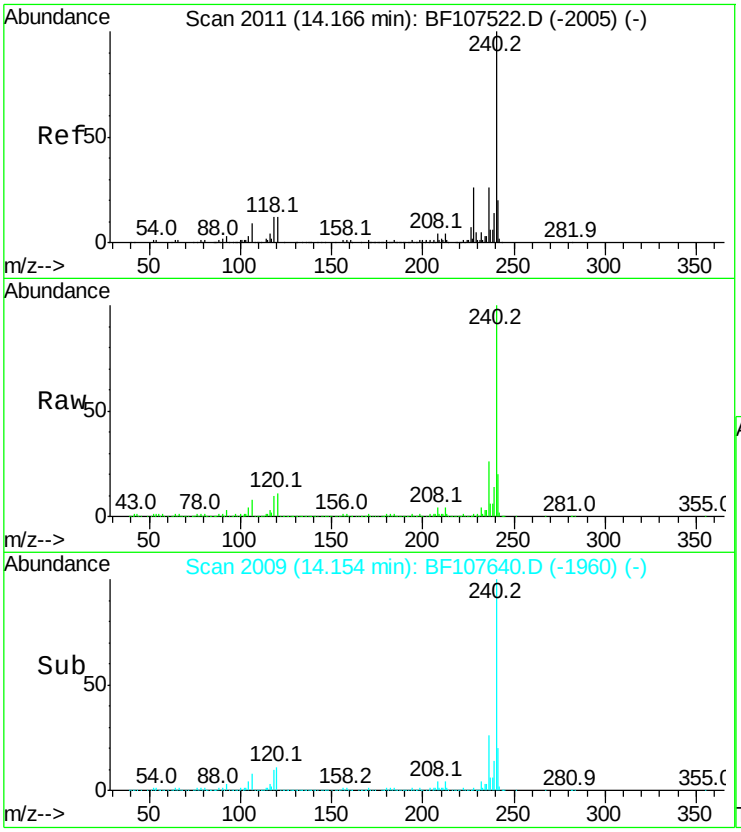


#66
4-Bromophenyl-phenylether
Concen: 3.943 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion:248 Resp: 32152

Ion	Ratio	Lower	Upper
248	100		
250	203.2	76.9	115.3#
141	464.8	74.4	111.6#



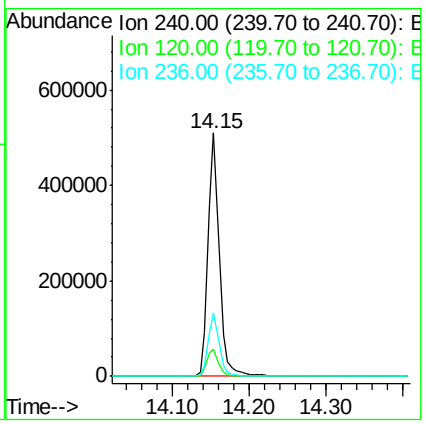


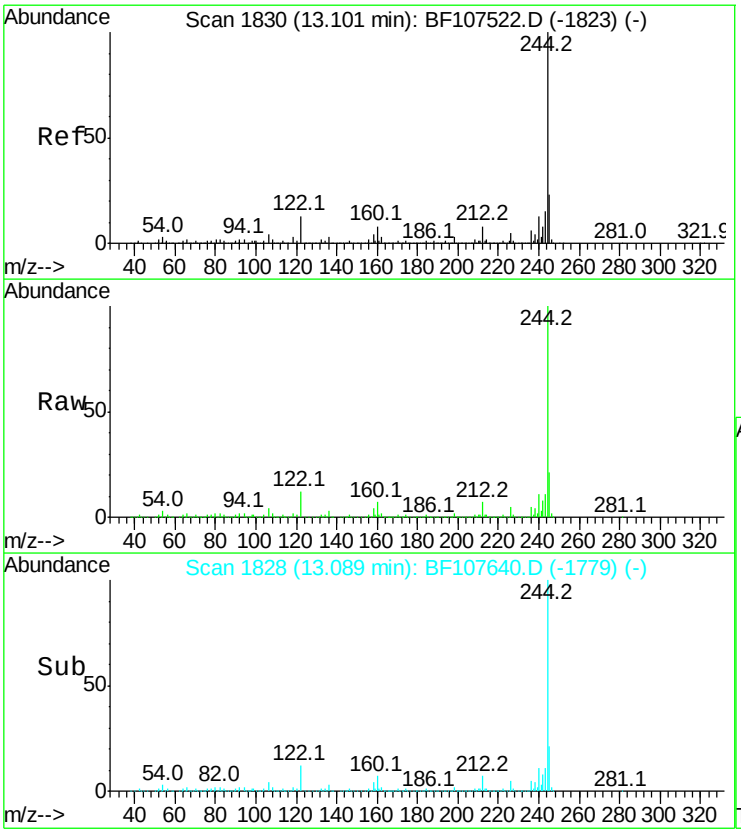
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 515912

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.7	20.7	31.1

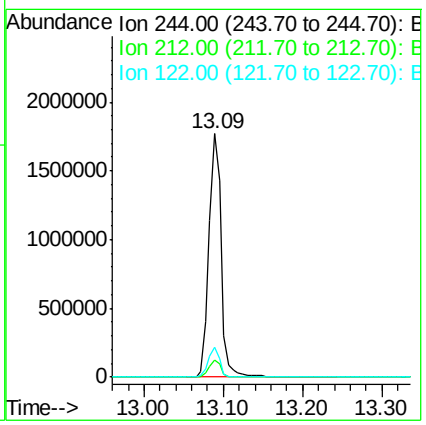


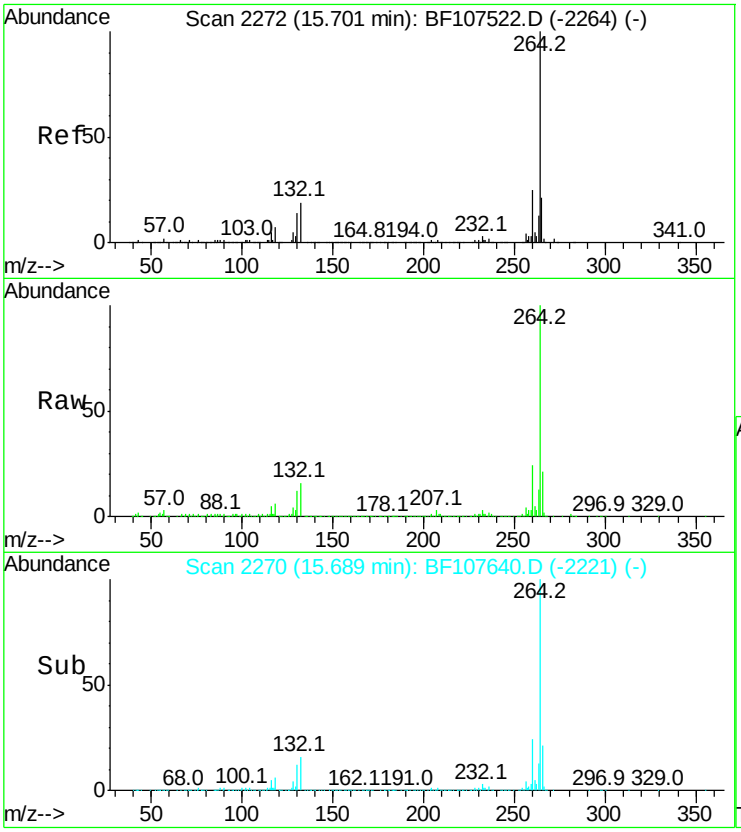


#78
Terphenyl-d14
Concen: 94.347 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion:244 Resp: 1901295

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.1	11.0	16.4

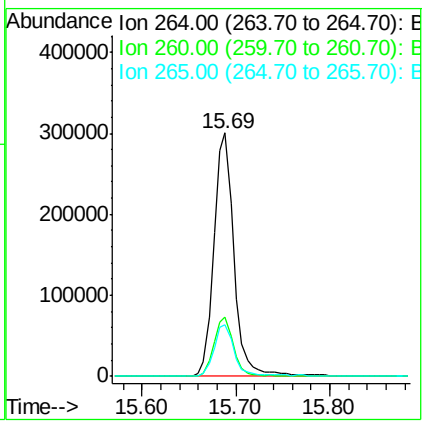




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107640.D
Acq: 25 Jul 2018 2:38

Tgt Ion:264 Resp: 450873

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.0	17.5	26.3



Instrument :
BNA_F
ClientSampleId :