Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
Data File : BF107658.D
Acq On : 25 Jul 2018 15:46
Operator : JU/SJ
Sample : J3821-11 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-072418-C

Quant Time: Jul 25 17:32:04 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	198943	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	789705	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	312442	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	562931	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	442451	20.00	ng		-0.01
86) Perylene-d12	15.69	264	376157	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	218349	17.65	ng		-0.01
7) Phenol-d6	6.60	99	276139	18.59	ng		-0.02
23) Nitrobenzene-d5	7.53	82	175021	14.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	70560	19.86	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	333626	11.57	ng		-0.02
78) Terphenyl-d14	13.08	244	275111	15.92	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	4984	Below Cal			84
32) Benzoic acid	8.02	122	182	7.920	ng	#	1
49) Dimethylphthalate	9.71	163	57416	2.438	ng	#	97
56) 2,4-Dinitrotoluene	10.01	165	41530	7.359	ng	#	23
73) Di-n-butylphthalate	12.05	149	1567	Below Cal		#	66
81) 3,3'-Dichlorobenzidine	14.10	252	229	Below Cal		#	65

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

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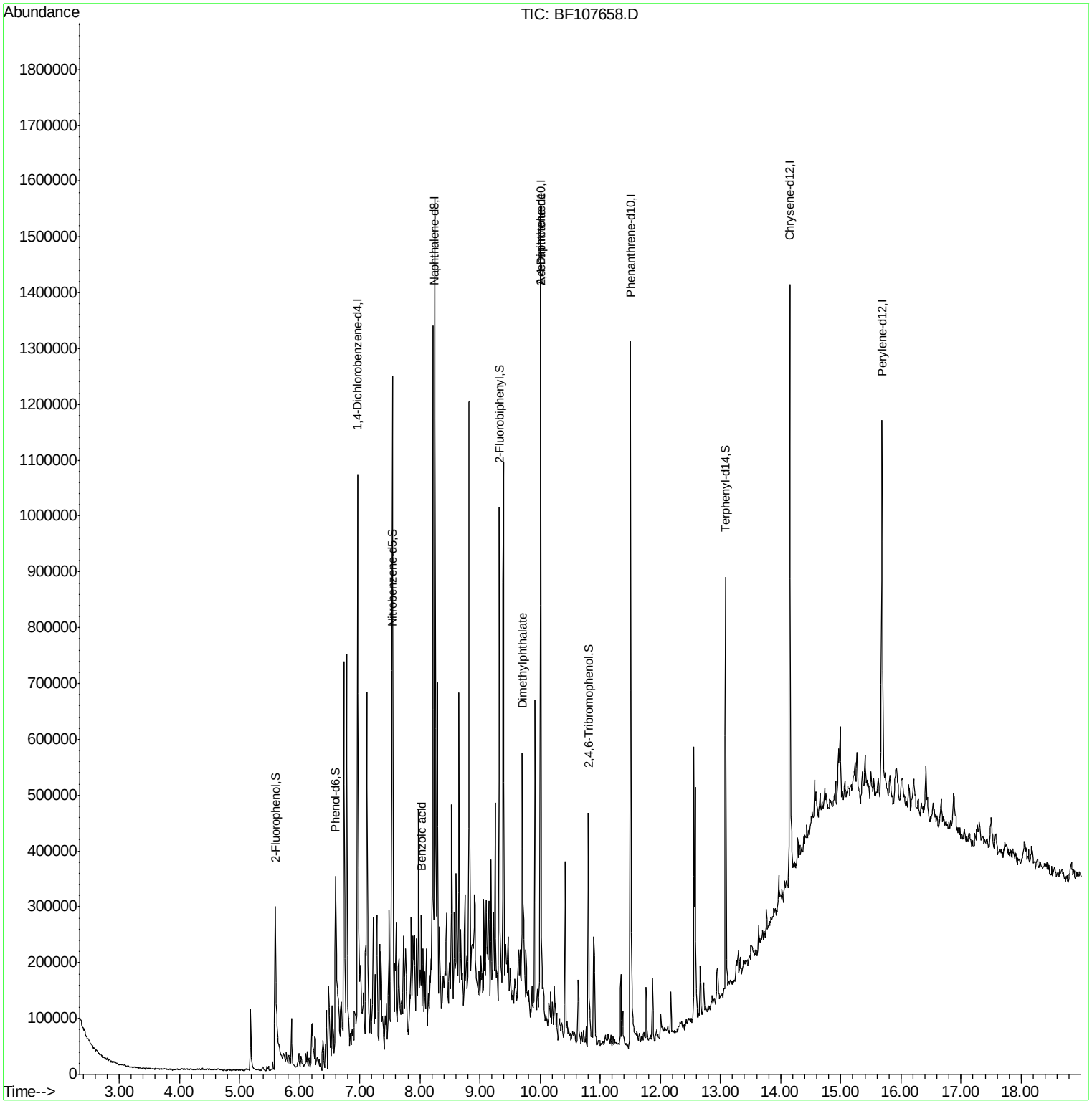
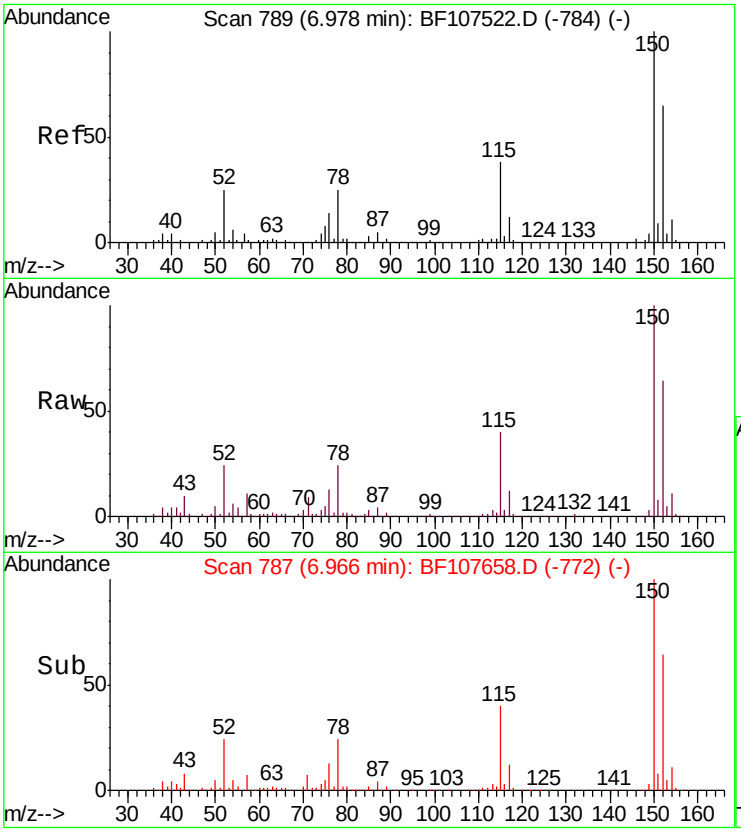


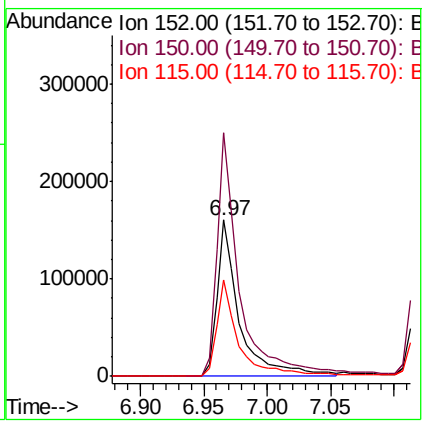


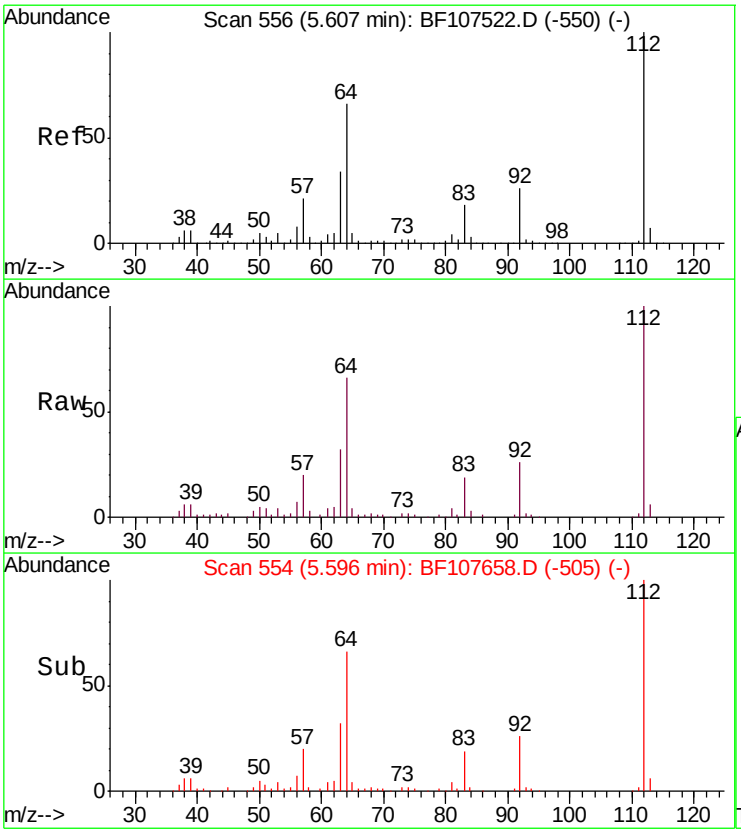
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-C

Tgt Ion:152 Resp: 198943

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	61.8	50.1	75.1

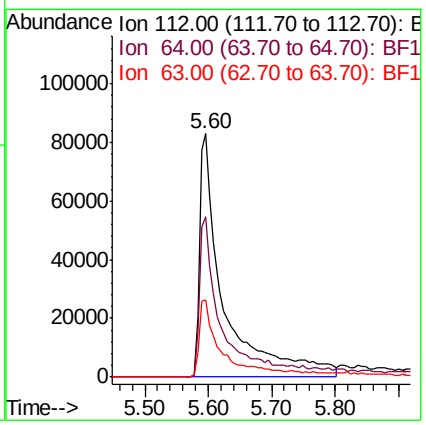


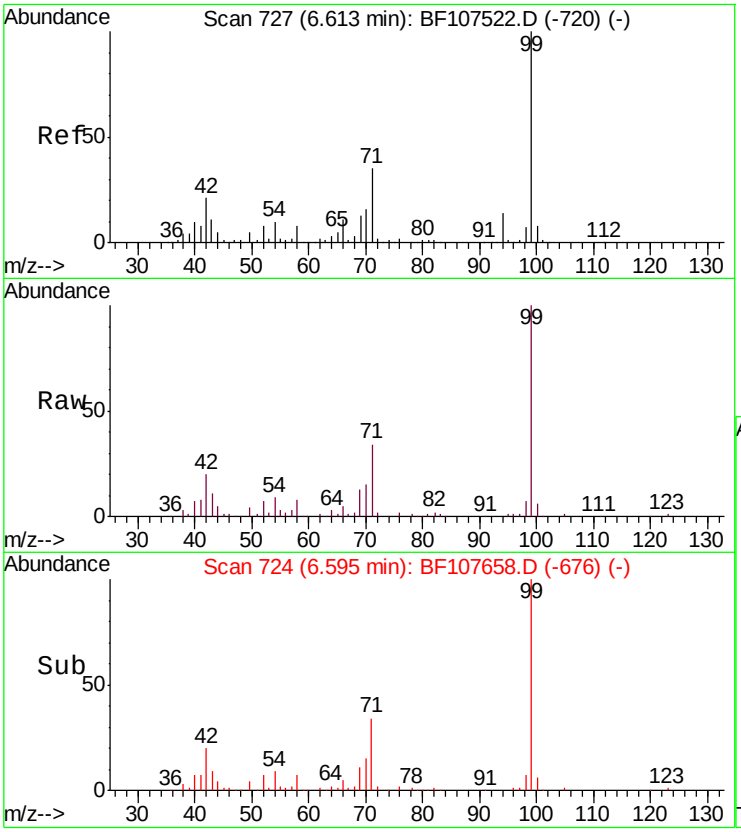


#5
2-Fluorophenol
Concen: 17.646 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Tgt Ion:112 Resp: 218349

Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	31.9	23.7	35.5



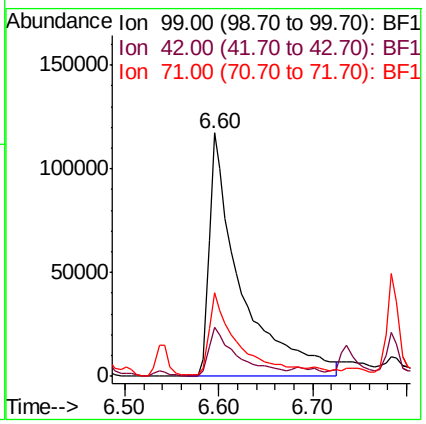


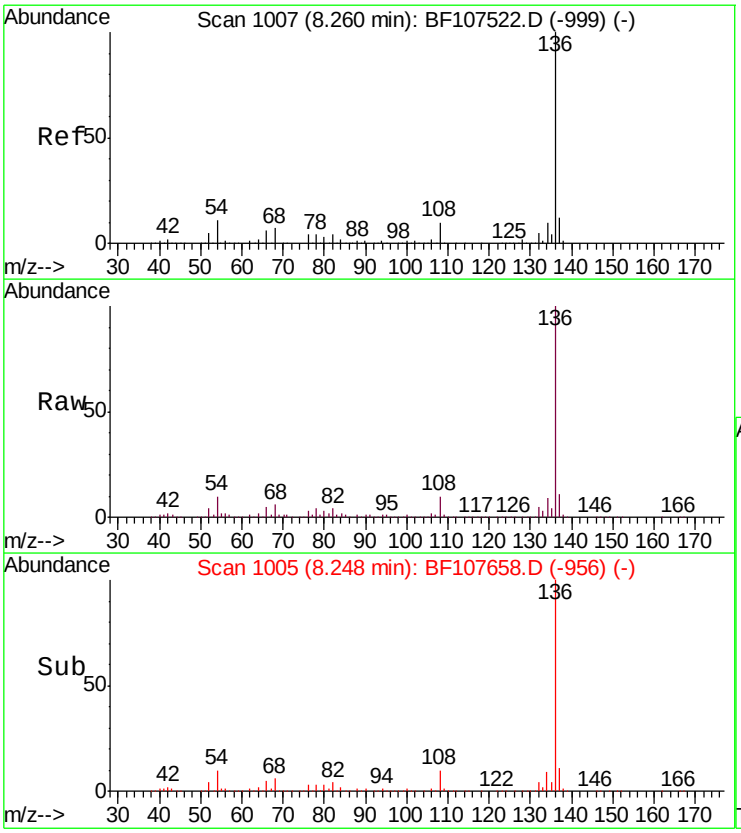
#7
Phenol-d6
Concen: 18.586 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-C

Tgt Ion: 99 Resp: 276139

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	34.3	25.4	38.0

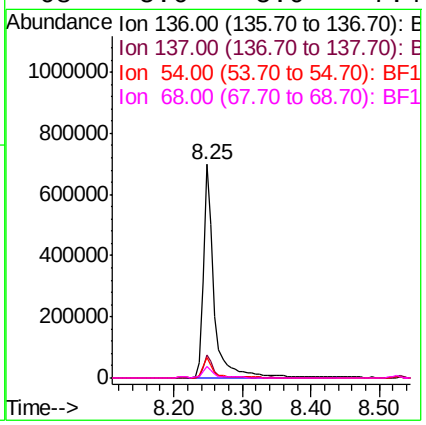


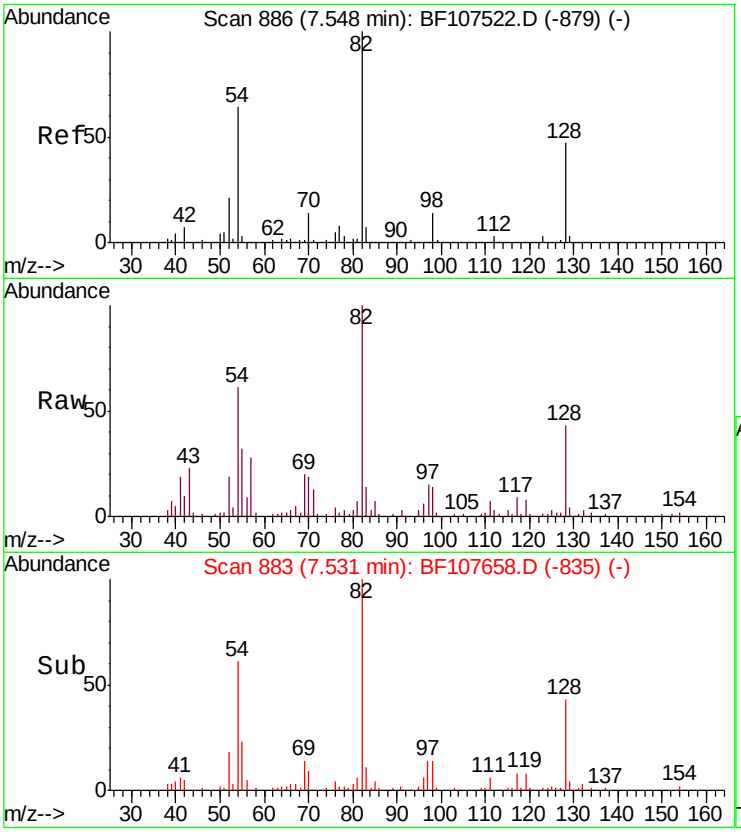


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Tgt Ion:136 Resp: 789705

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.8	6.6	9.8
68	5.6	5.0	7.4



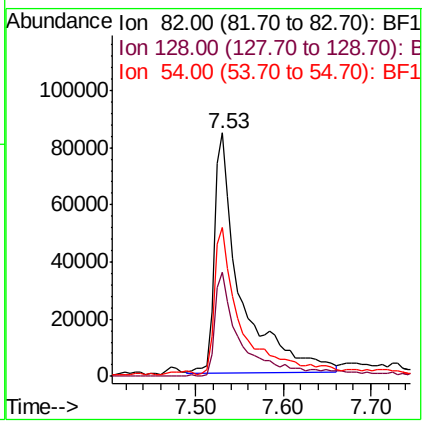


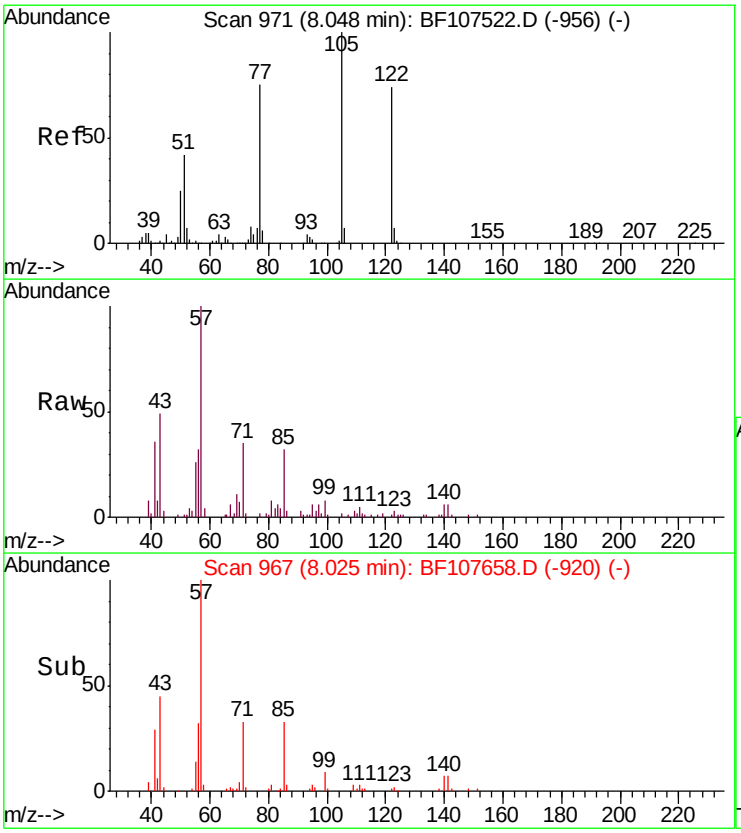
#23
Nitrobenzene-d5
Concen: 14.957 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-C

Tgt Ion: 82 Resp: 175021

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	61.3	41.4	62.2

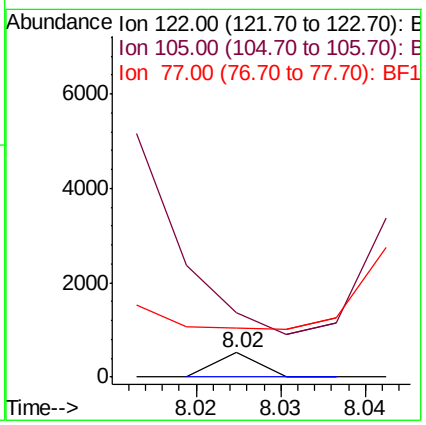


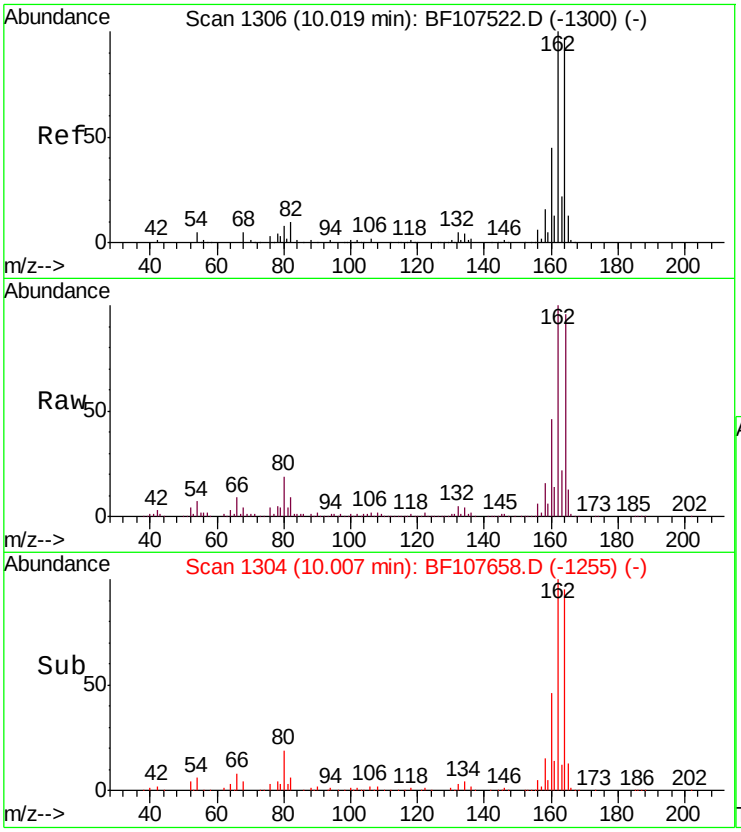


#32
Benzoic acid
Concen: 7.920 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Tgt Ion:122 Resp: 182

Ion	Ratio	Lower	Upper
122	100		
105	265.4	101.1	141.1#
77	202.3	70.7	110.7#



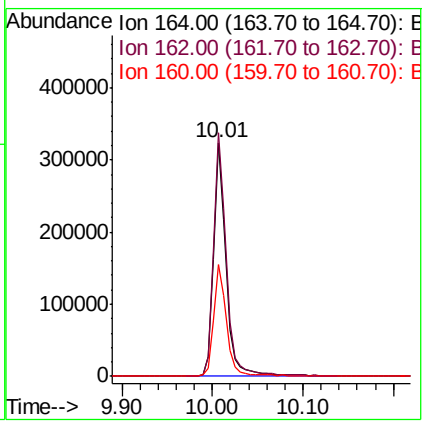


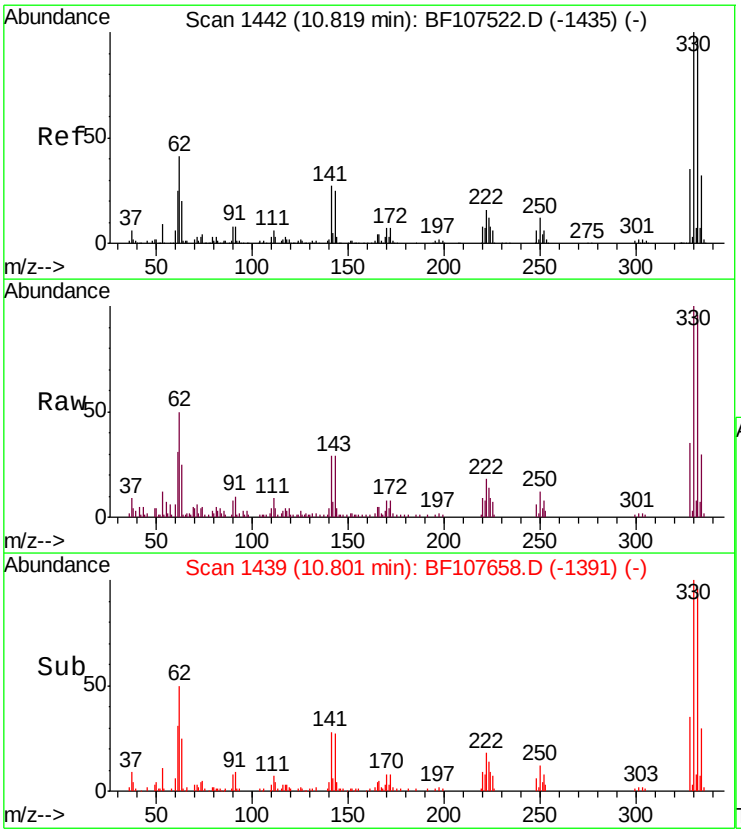
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-C

Tgt Ion:164 Resp: 312442

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	48.0	38.3	57.5

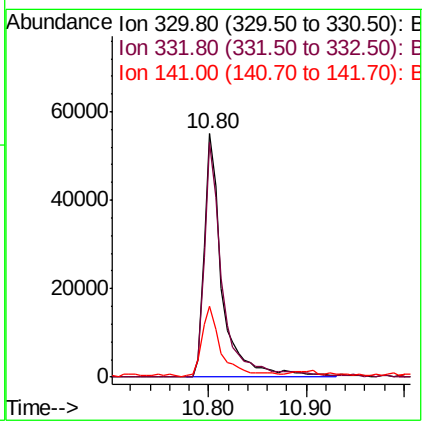


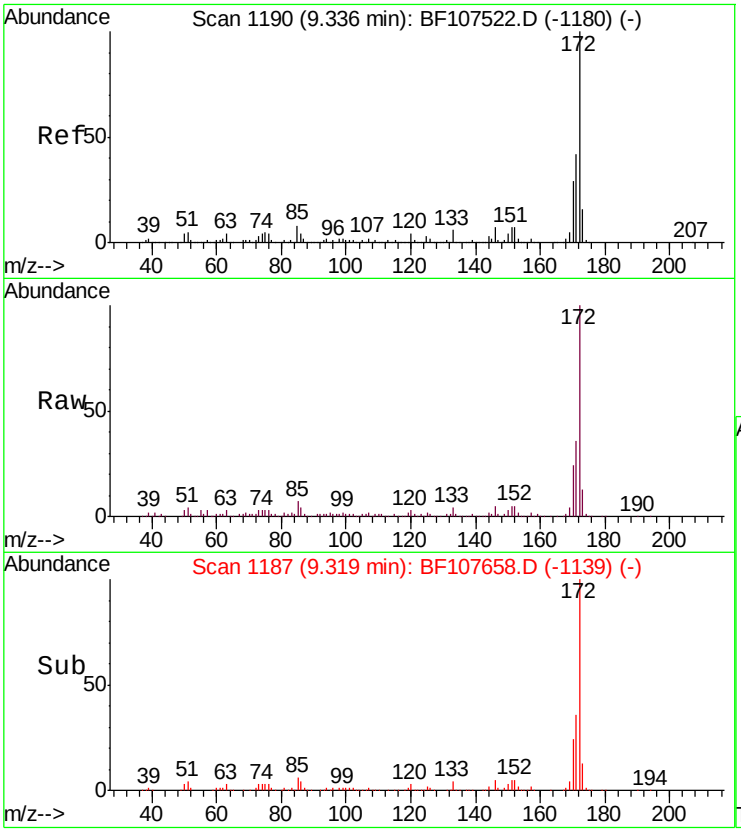


#41
2,4,6-Tribromophenol
Concen: 19.860 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Tgt Ion:330 Resp: 70560

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.4	29.9	44.9



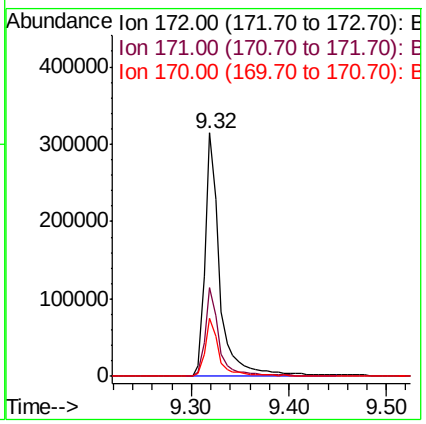


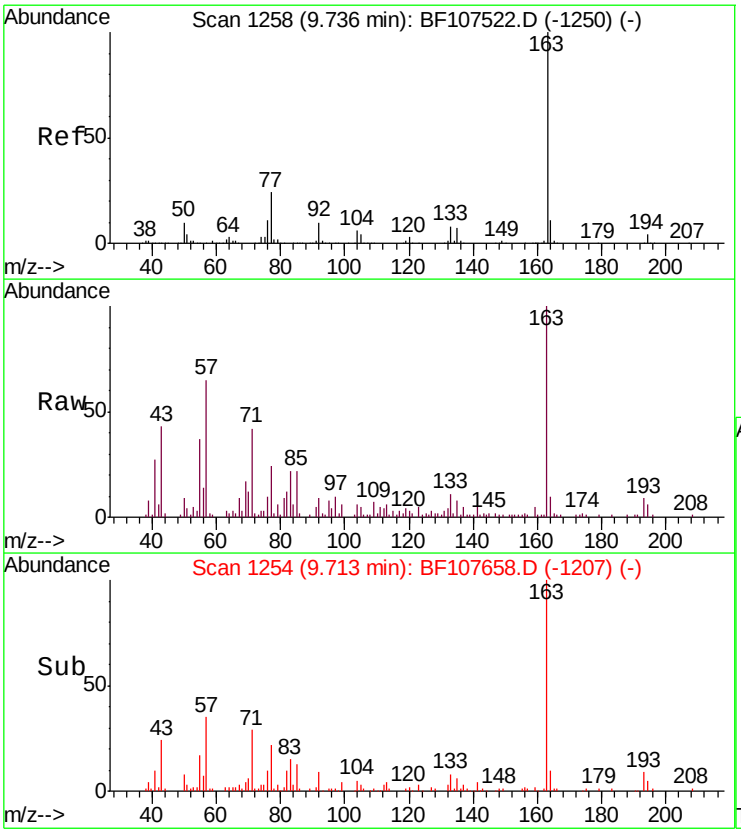
#44
2-Fluorobiphenyl
Concen: 11.568 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-C

Tgt Ion:172 Resp: 333626

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.7	19.6	29.4

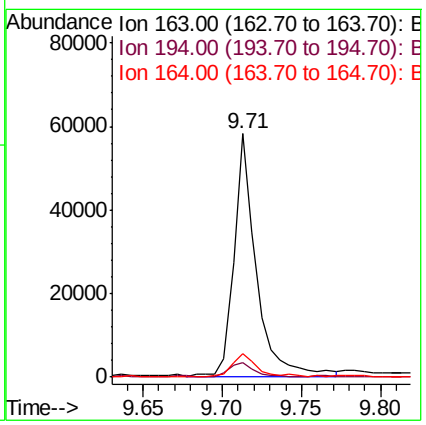


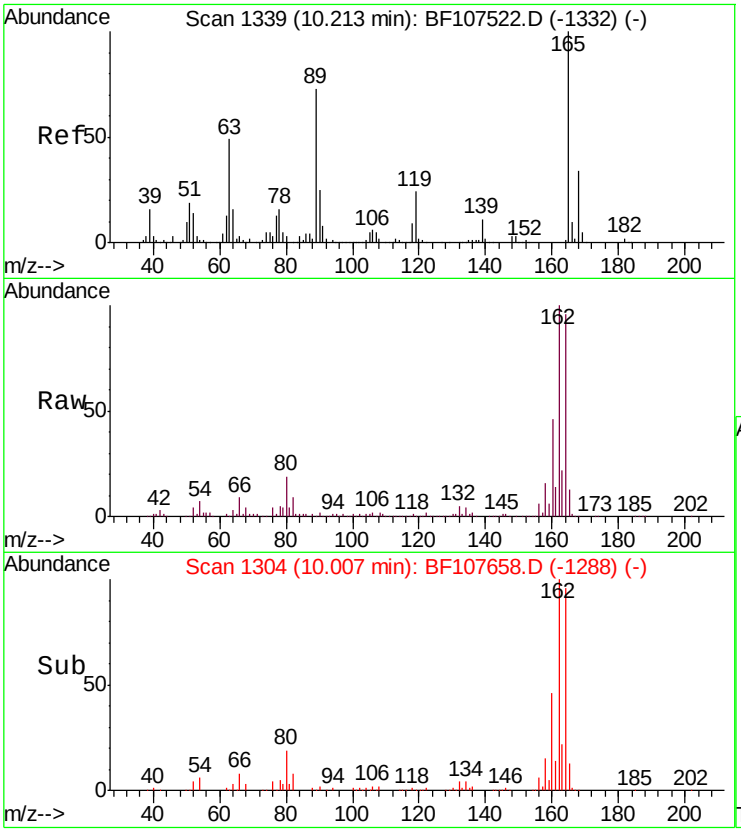


#49
Dimethylphthalate
Concen: 2.438 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Tgt Ion:163 Resp: 57416

Ion	Ratio	Lower	Upper
163	100		
194	5.8	2.7	4.1#
164	9.7	8.2	12.2



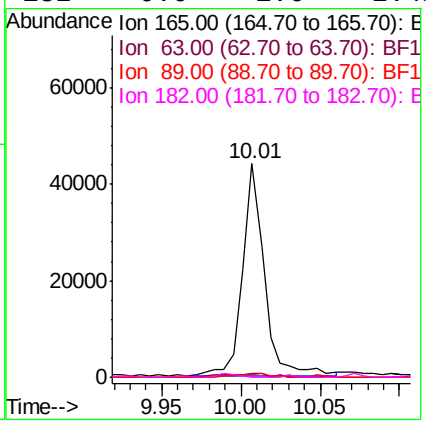


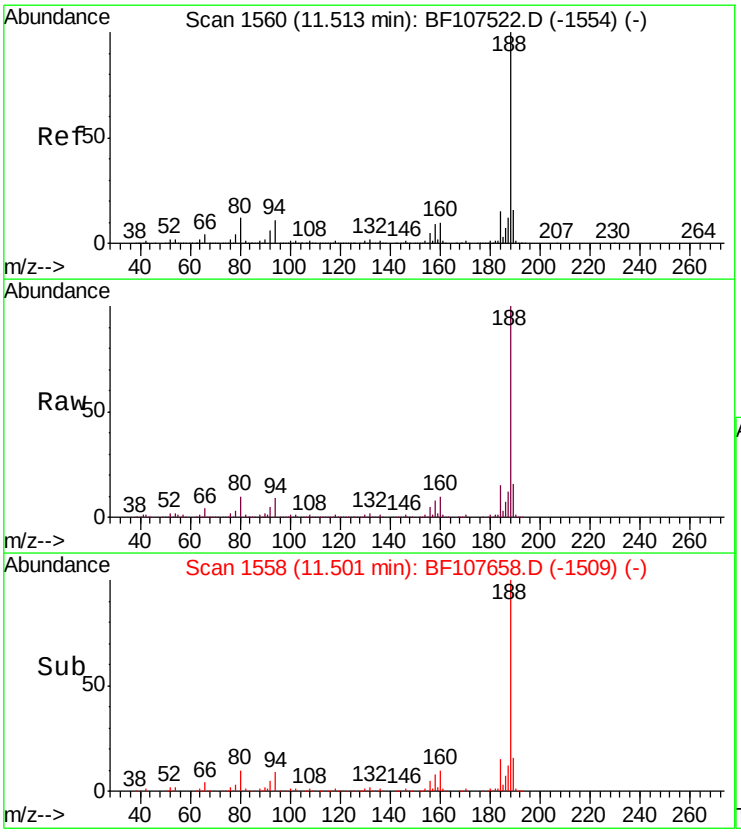
#56
2,4-Dinitrotoluene
Concen: 7.359 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-C

Tgt Ion:165 Resp: 41530

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

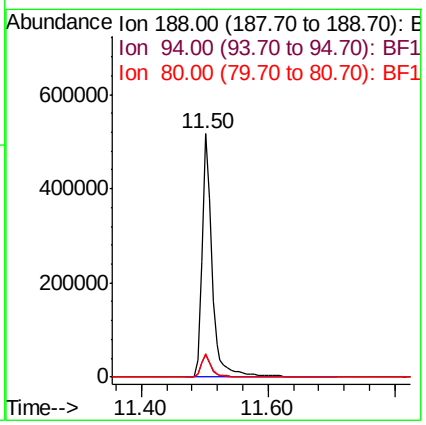


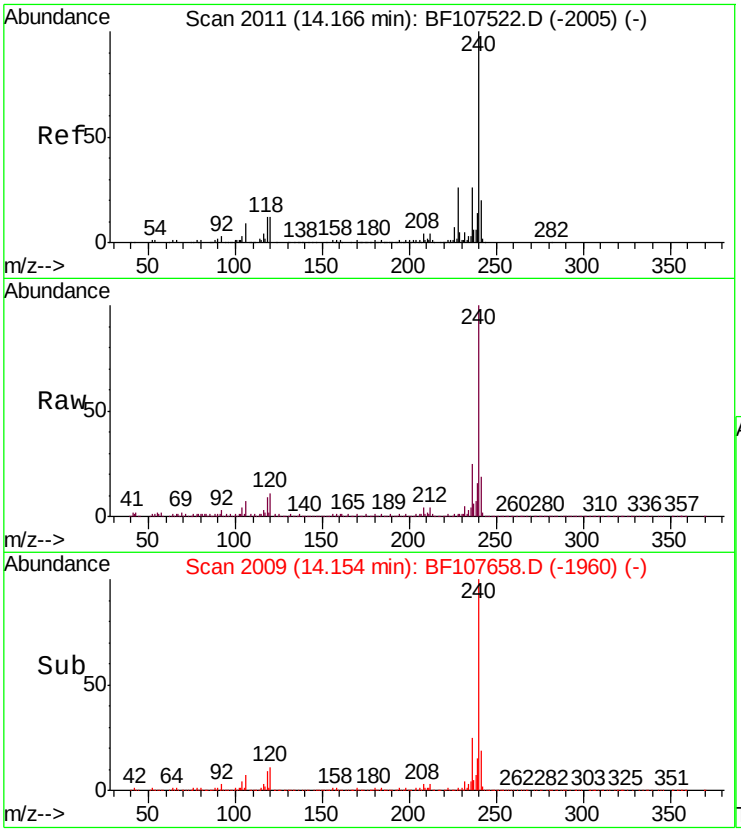


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Tgt Ion:188 Resp: 562931

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	9.2	13.8



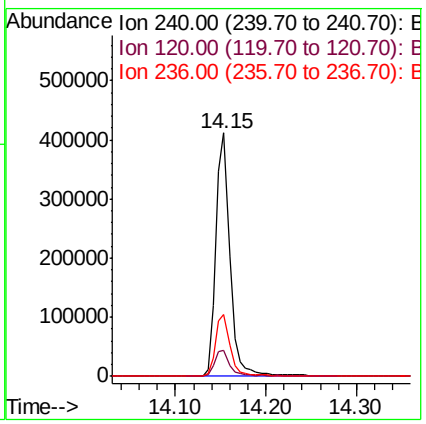


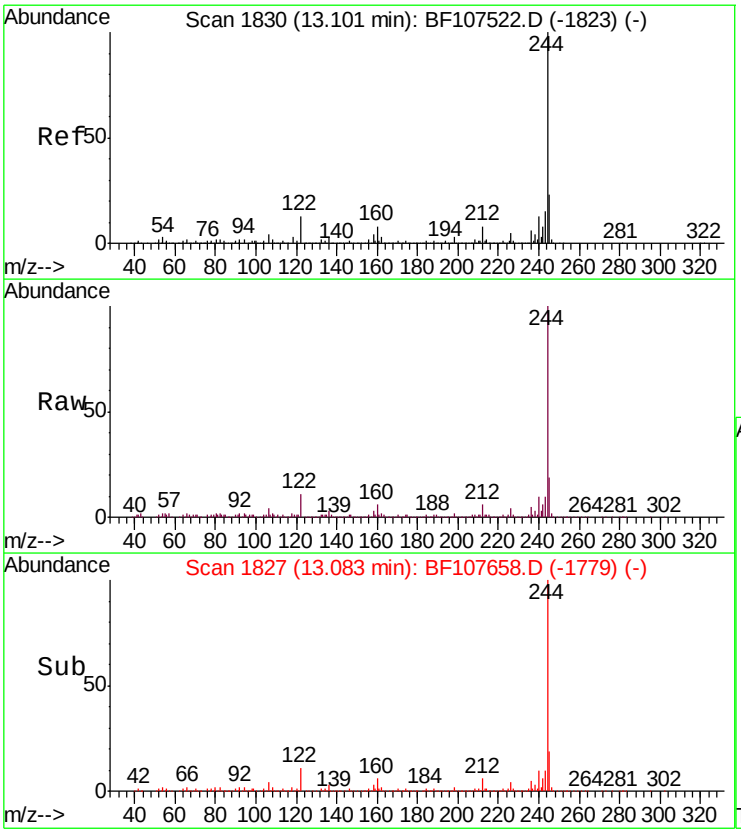
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-C

Tgt Ion:240 Resp: 442451

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.5	20.7	31.1

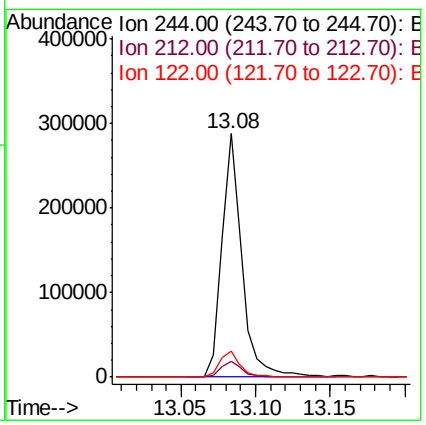


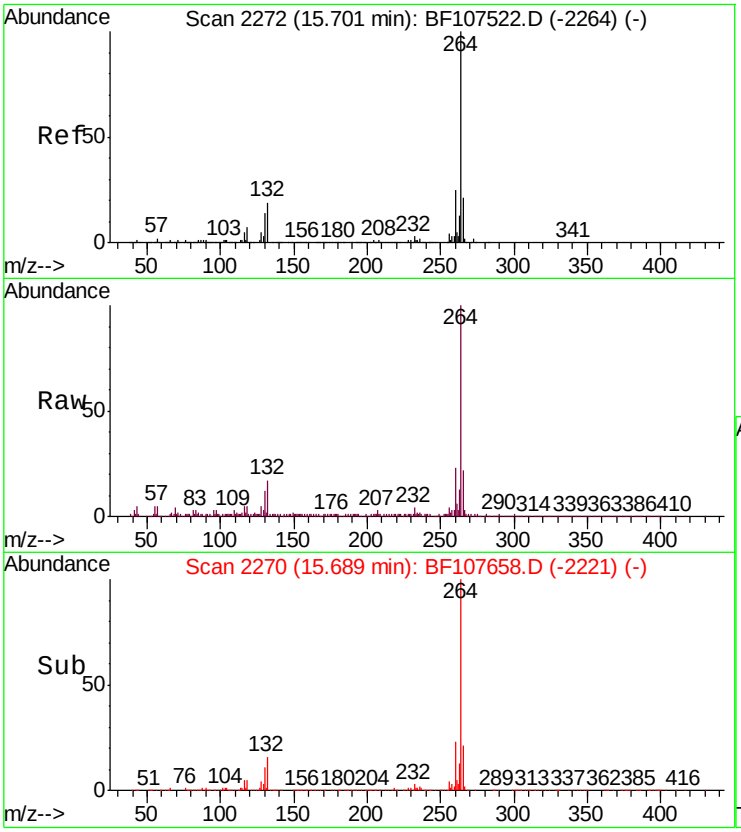


#78
Terphenyl-d14
Concen: 15.918 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF107658.D
Acq: 25 Jul 2018 15:46

Tgt Ion:244 Resp: 275111

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.5	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: BF107658.D
Acq: 25 Jul 2018 15:46

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-C

Tgt Ion:264 Resp: 376157

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.3	17.5	26.3