Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107488.D
Acq On : 18 Jul 2018 20:00
Operator : JU/SJ
Sample : J4035-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 19 00:55:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	145728	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	518220	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	255579	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	446892	20.00	ng		0.00
75) Chrysene-d12	14.17	240	346193	20.00	ng		0.00
86) Perylene-d12	15.71	264	289473	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	665218	69.33	ng		0.00
7) Phenol-d6	6.61	99	851612	68.65	ng		0.00
23) Nitrobenzene-d5	7.55	82	611008	62.87	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	151901	67.64	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1033322	64.84	ng		0.00
78) Terphenyl-d14	13.11	244	789737	56.68	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	98406	11.079	ng	#	78
25) Isophorone	7.55	82	608895	31.610	ng	#	64
49) Dimethylphthalate	9.73	163	212586	10.469	ng		96
53) 2,4-Dinitrophenol	10.17	184	113	2.367	ng	#	1
56) 2,4-Dinitrotoluene	10.03	165	32765	6.487	ng	#	27
64) 4,6-Dinitro-2-methylphenol	10.81	198	1272	7.937	ng		90
66) 4-Bromophenyl-phenylether	10.82	248	18428	3.604	ng	#	1
74) Fluoranthene	12.74	202	60257	2.380	ng		100
77) Pyrene	12.97	202	51727	2.197	ng		93
87) Benzo(b)fluoranthene	15.25	252	41305	2.438	ng	#	91

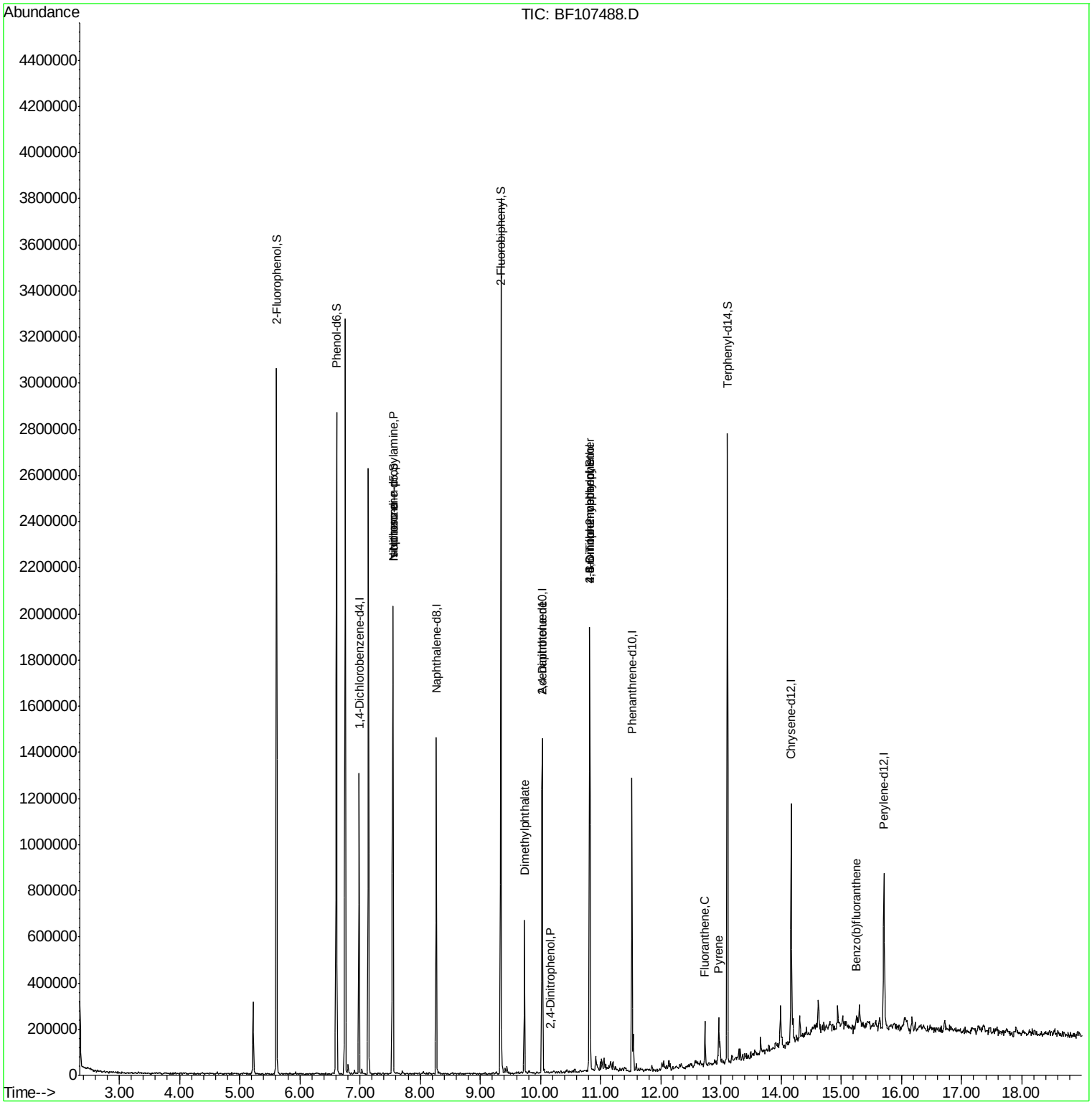
(#) = qualifier out of range (m) = manual integration (+) = signals summed

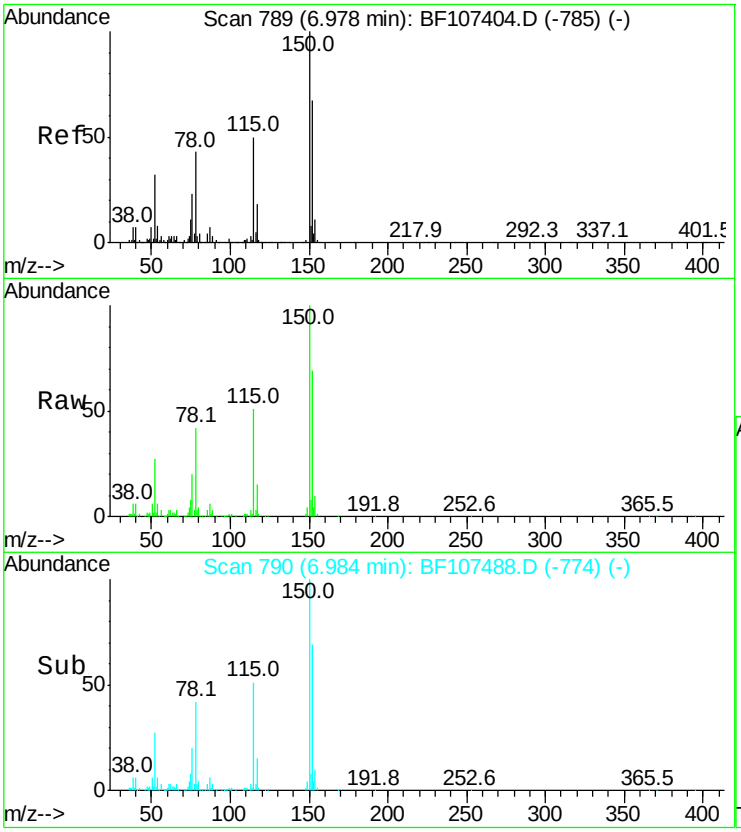
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107488.D
Acq On : 18 Jul 2018 20:00
Operator : JU/SJ
Sample : J4035-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 19 00:55:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration



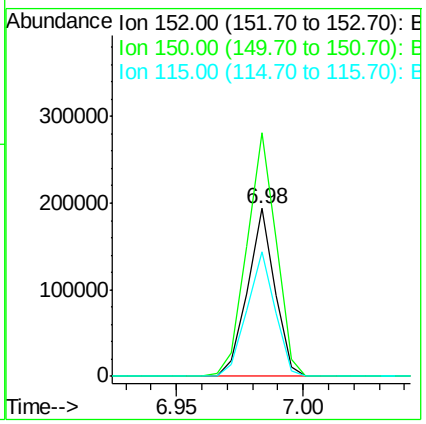


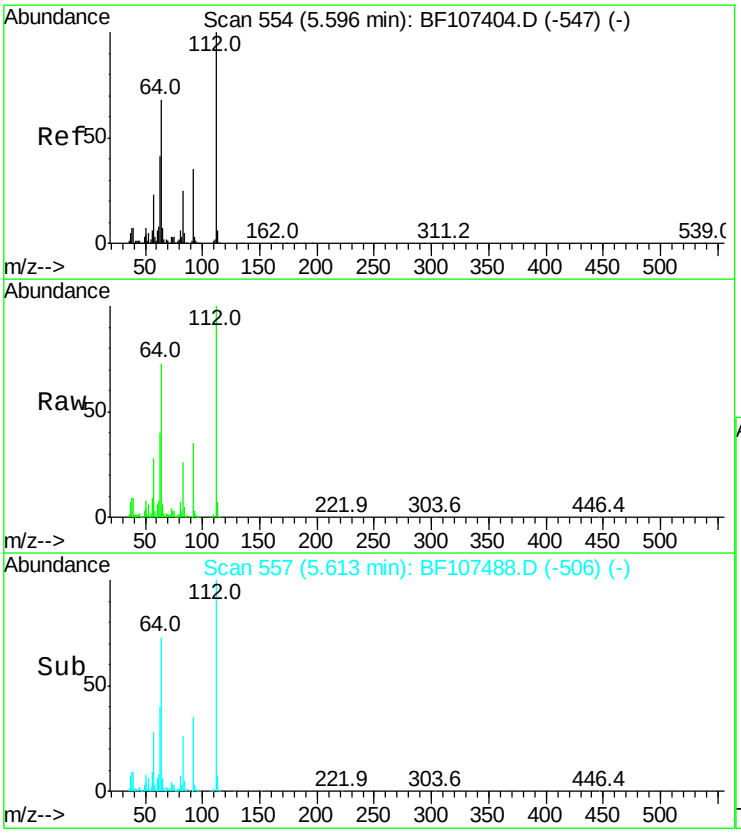
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145728

Ion	Ratio	Lower	Upper
152	100		
150	145.0	124.6	186.8
115	74.5	50.1	75.1

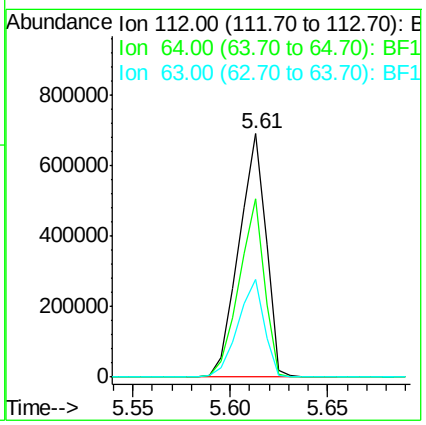


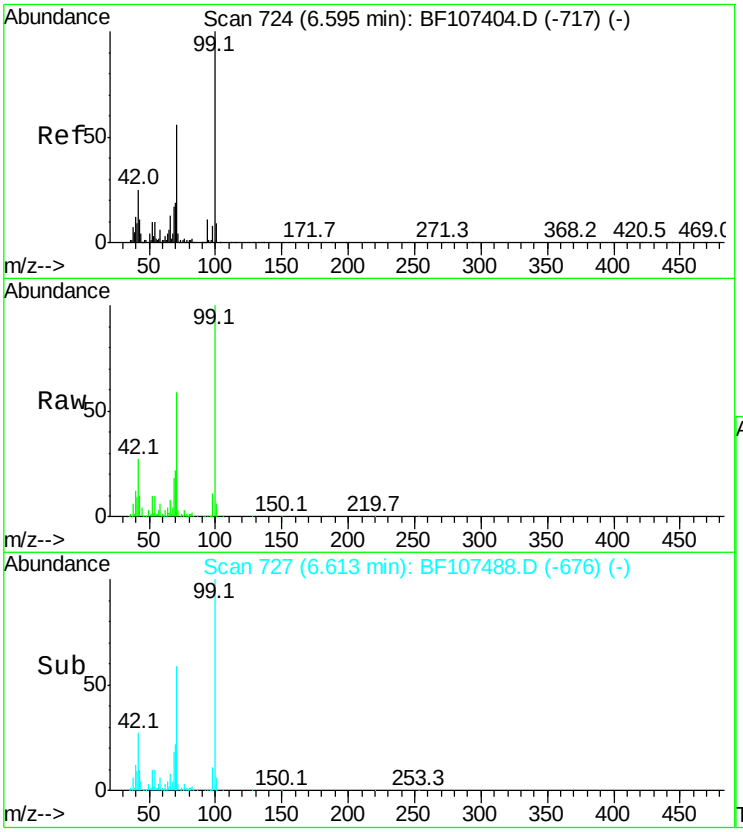


#5
2-Fluorophenol
Concen: 69.327 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Tgt Ion:112 Resp: 665218

Ion	Ratio	Lower	Upper
112	100		
64	73.4	47.9	71.9#
63	40.2	23.7	35.5#



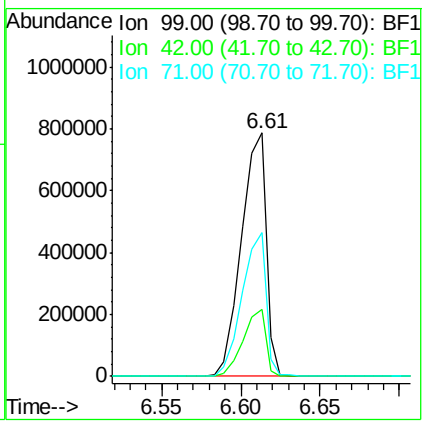


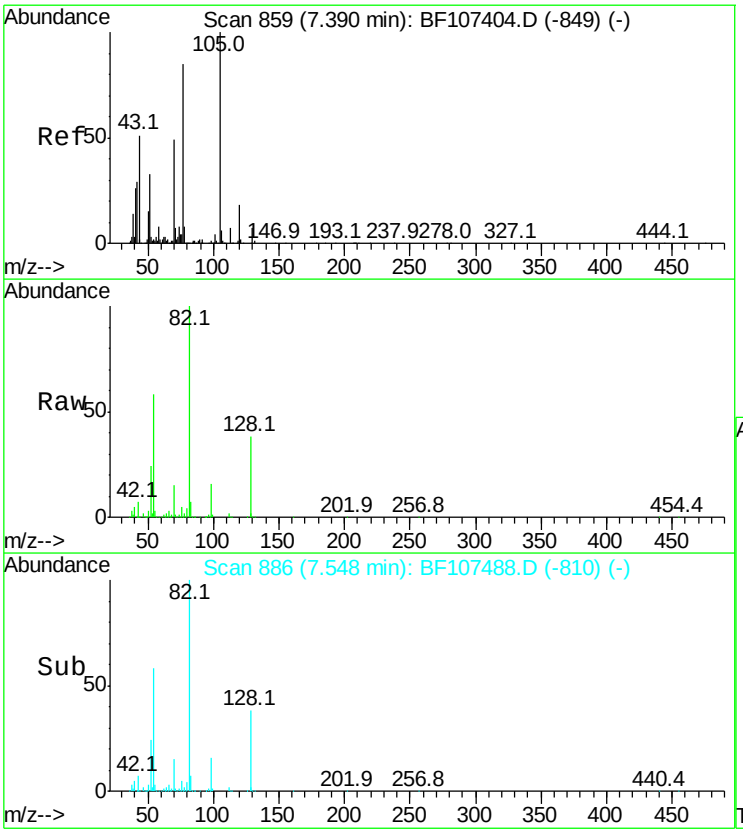
#7
Phenol-d6
Concen: 68.647 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 851612

Ion	Ratio	Lower	Upper
99	100		
42	27.3	14.5	21.7#
71	59.3	25.4	38.0#

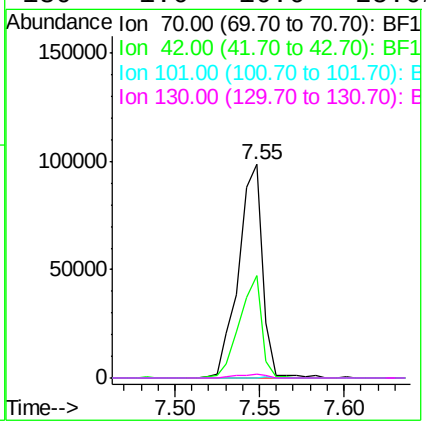


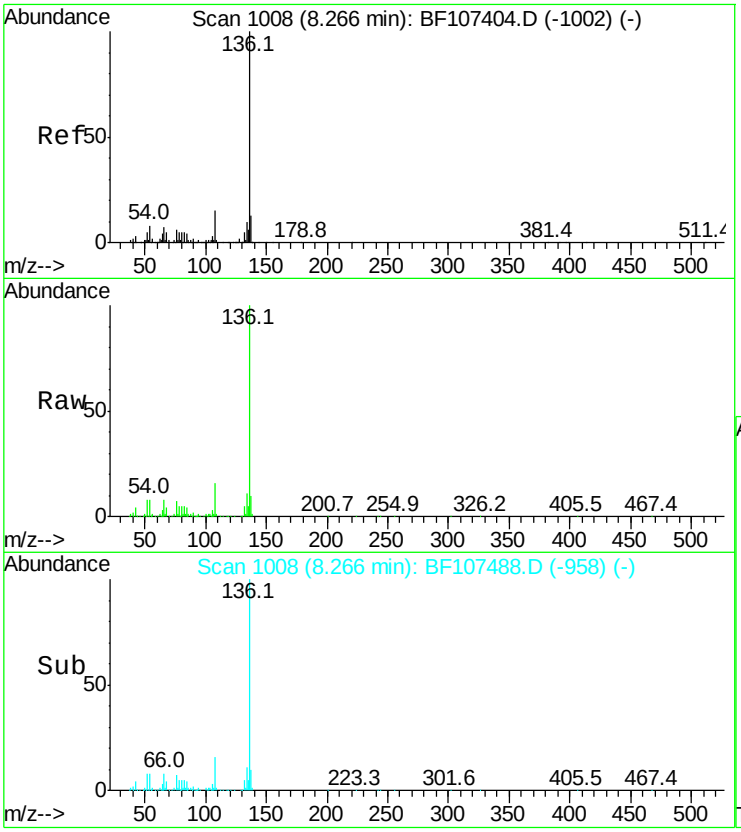


#19
n-Nitroso-di-n-propylamine
Concen: 11.079 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.15 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Tgt Ion: 70 Resp: 98406

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#

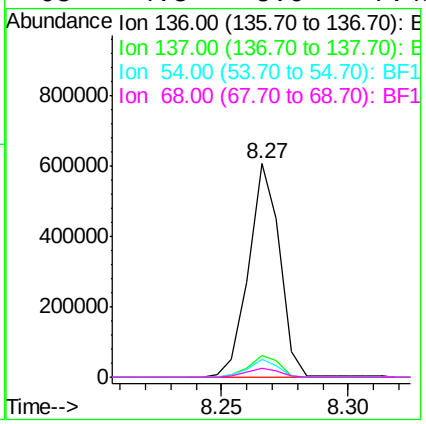




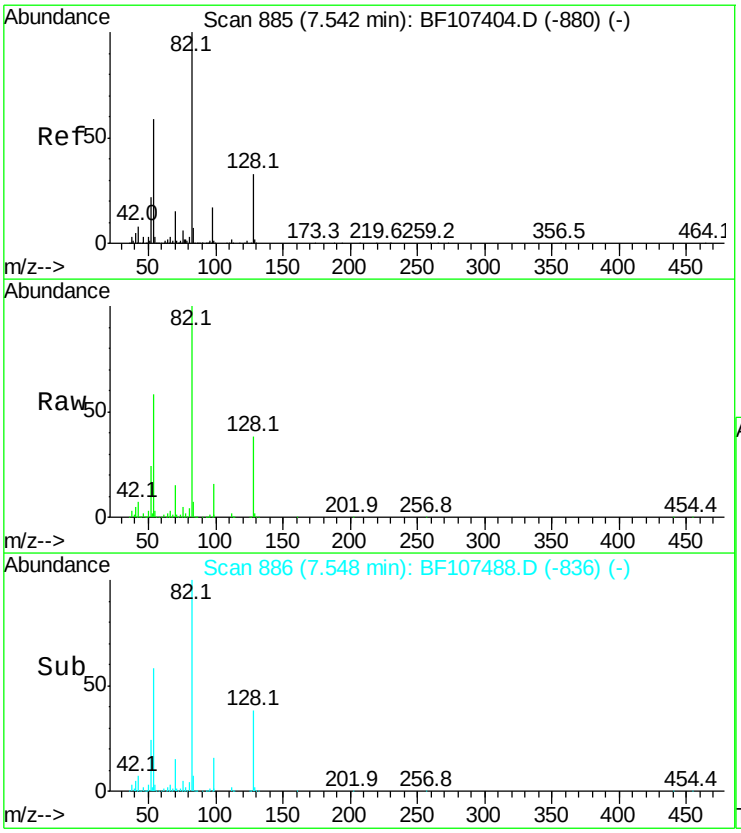
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Tgt Ion:136 Resp: 518220

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.4	6.6	9.8
68	4.3	5.0	7.4#



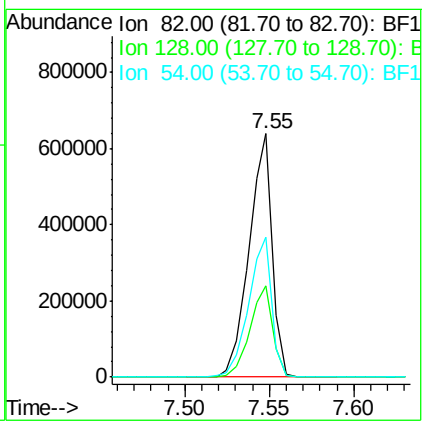
Instrument :
BNA_F
ClientSampleId :

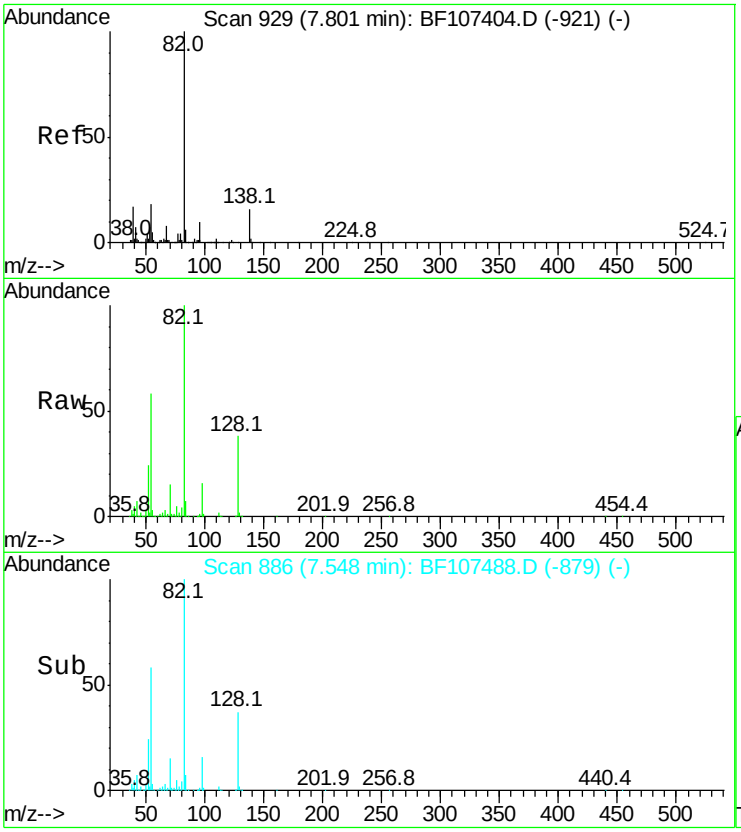


#23
Nitrobenzene-d5
Concen: 62.872 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Tgt Ion: 82 Resp: 611008

Ion	Ratio	Lower	Upper
82	100		
128	37.6	36.1	54.1
54	57.6	41.4	62.2



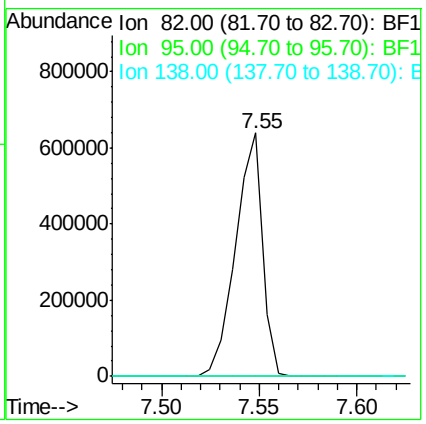


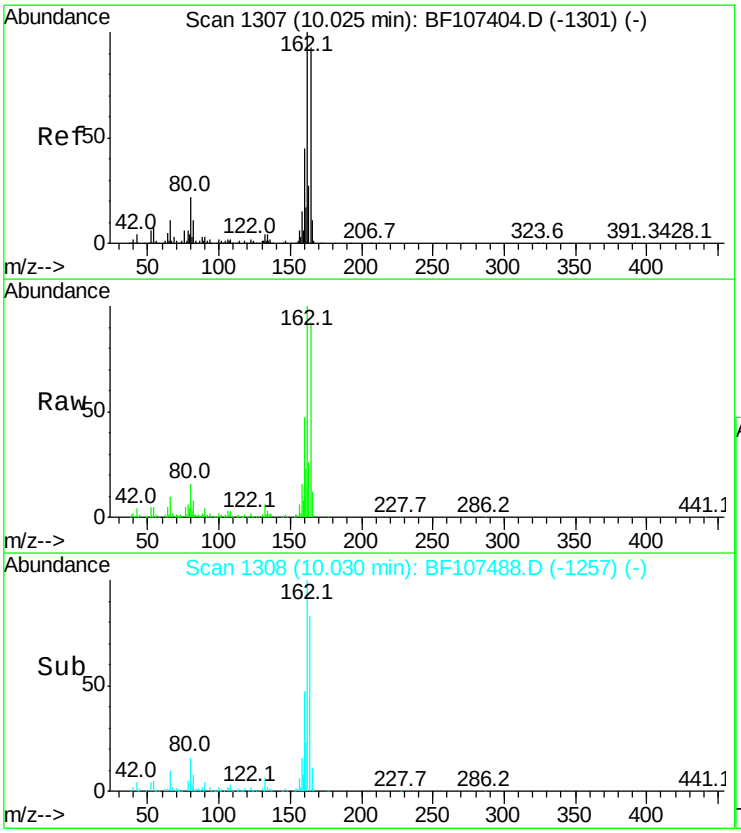
#25
Isophorone
Concen: 31.610 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 608895

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

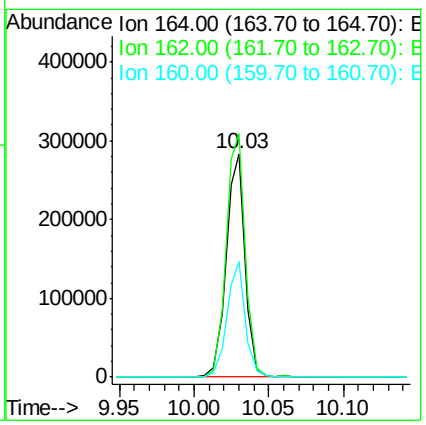


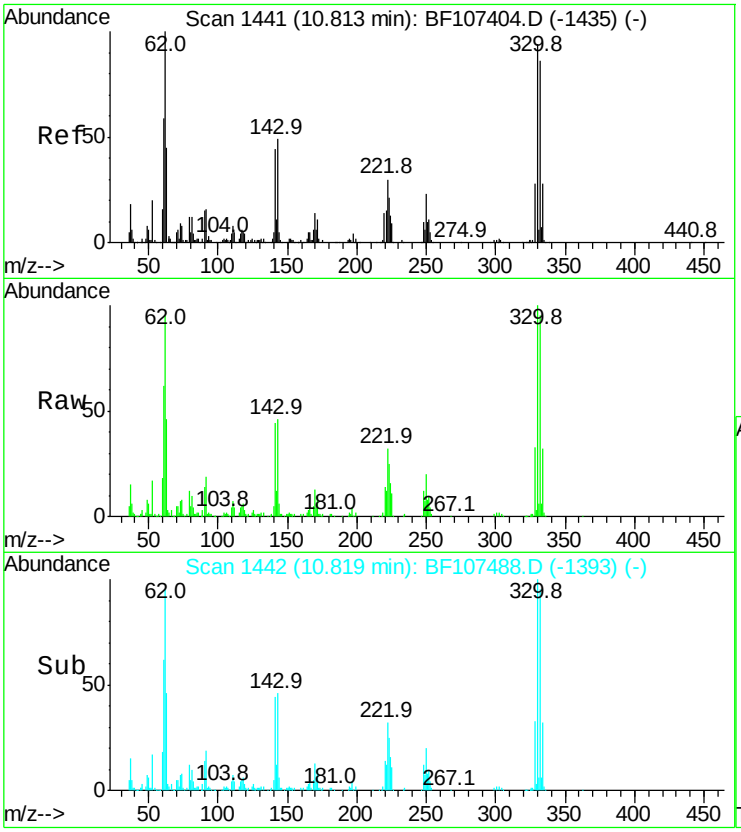


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Tgt Ion:164 Resp: 255579

Ion	Ratio	Lower	Upper
164	100		
162	108.8	86.1	129.1
160	51.5	38.3	57.5



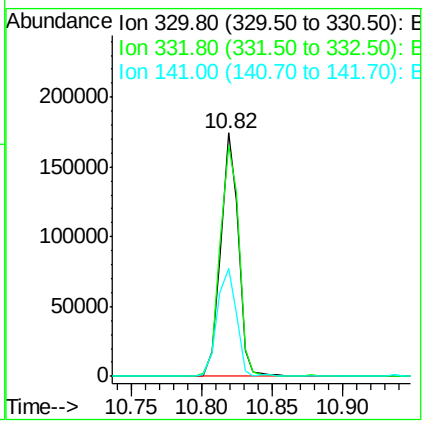


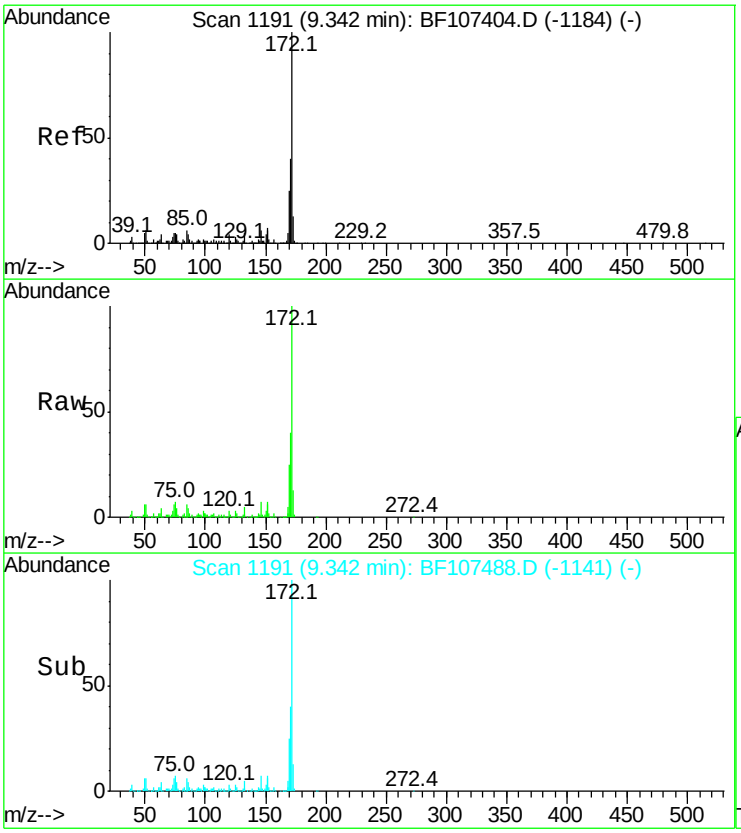
#41
2,4,6-Tribromophenol
Concen: 67.645 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 151901

Ion	Ratio	Lower	Upper
330	100		
332	101.5	77.0	115.6
141	48.2	29.9	44.9#

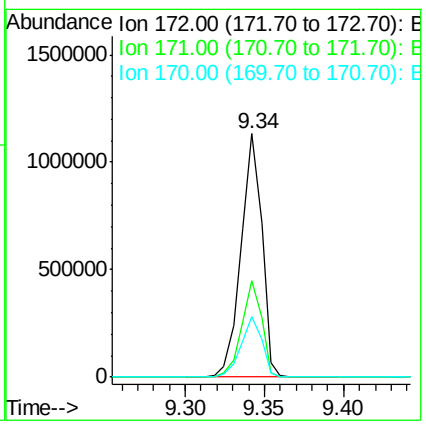


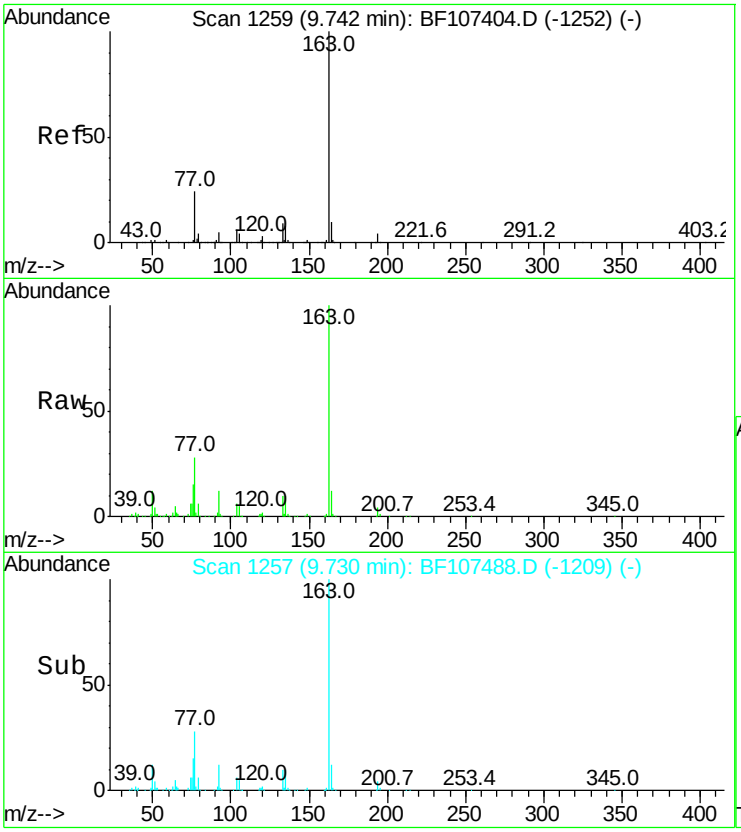


#44
2-Fluorobiphenyl
Concen: 64.841 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Tgt Ion:172 Resp: 1033322

Ion	Ratio	Lower	Upper
172	100		
171	39.7	29.7	44.5
170	25.1	19.6	29.4



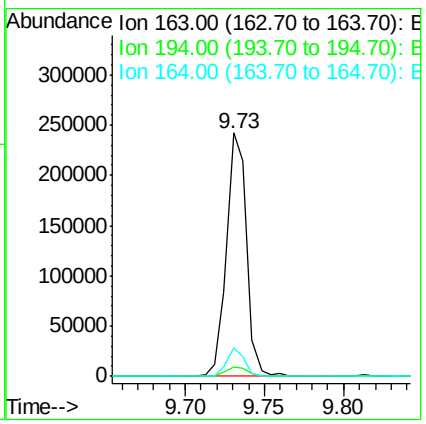


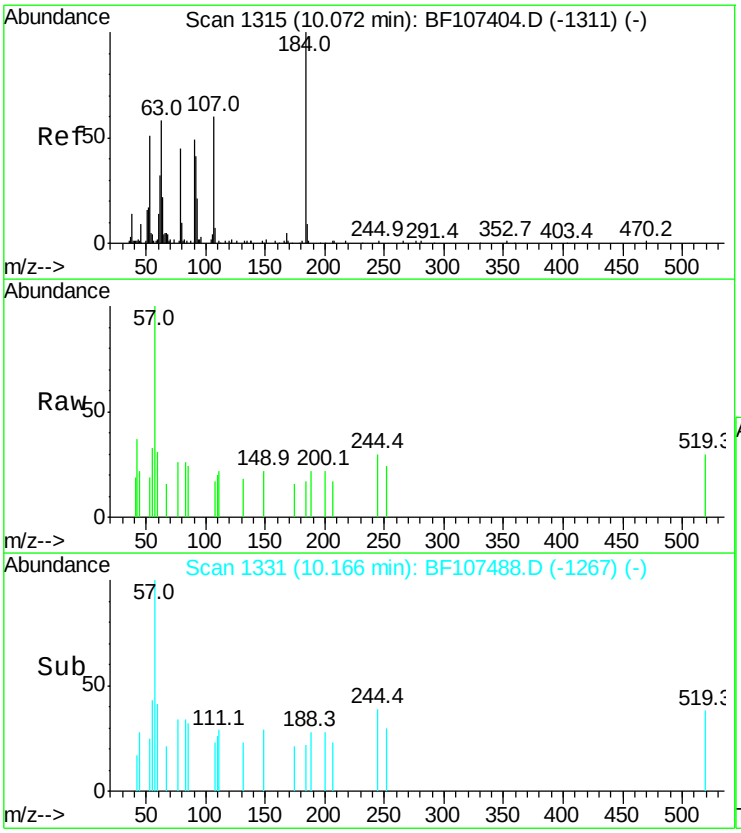
#49
Dimethylphthalate
Concen: 10.469 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 212586

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	12.0	8.2	12.2

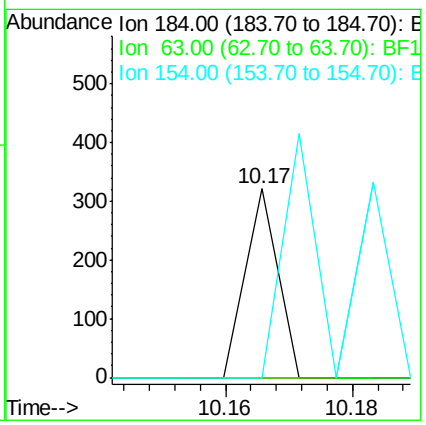


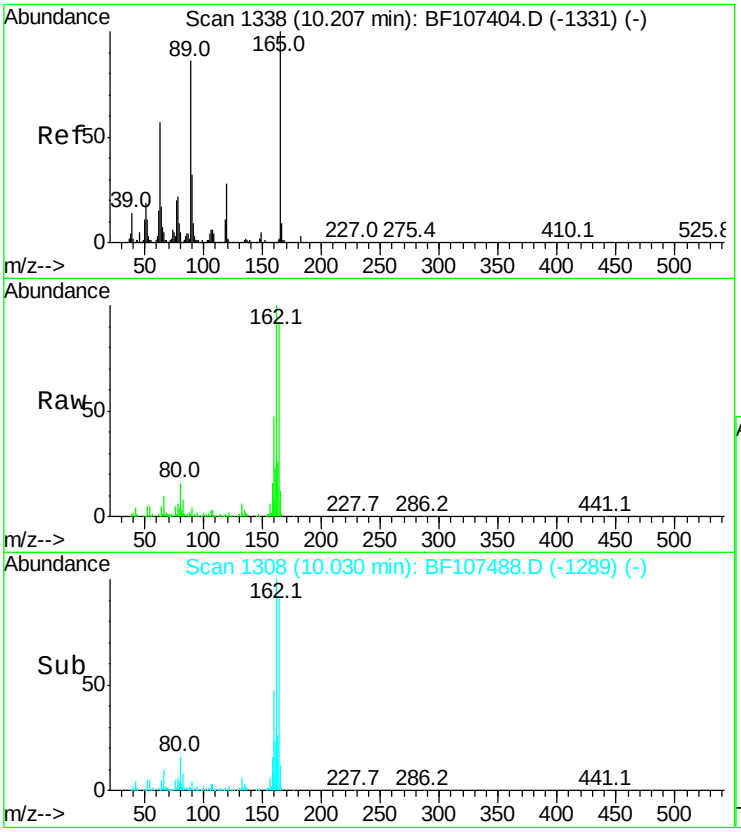


#53
2,4-Dinitrophenol
Concen: 2.367 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.08 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Tgt Ion:184 Resp: 113

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#



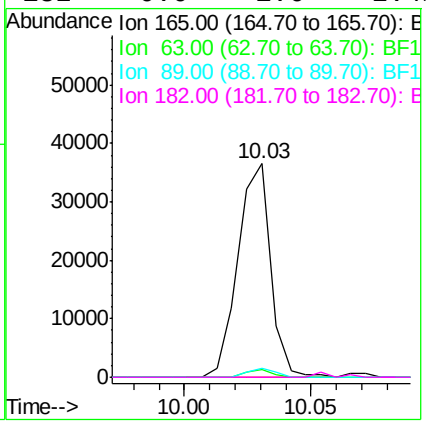


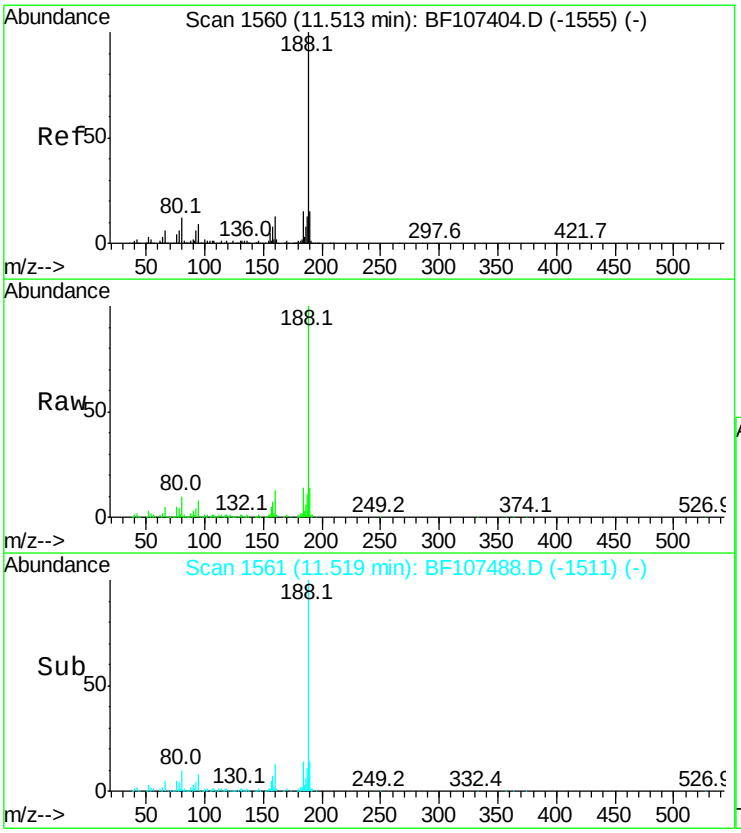
#56
2,4-Dinitrotoluene
Concen: 6.487 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.19 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32765

Ion	Ratio	Lower	Upper
165	100		
63	3.6	36.4	54.6#
89	4.3	57.8	86.6#
182	0.0	1.6	2.4#

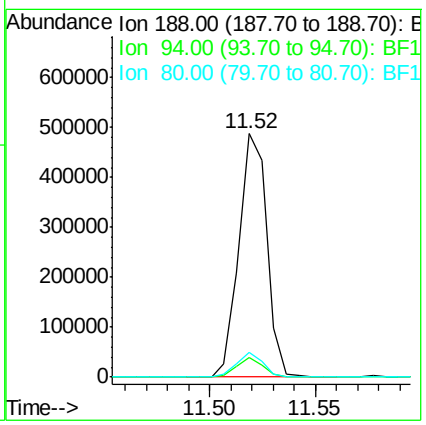


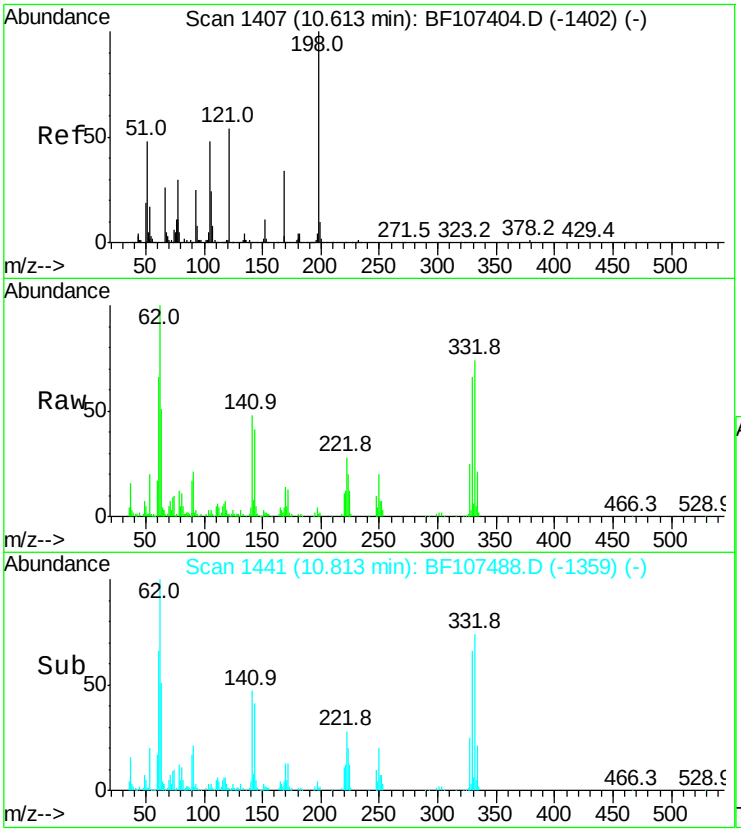


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Tgt Ion:188 Resp: 446892

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	10.1	9.2	13.8



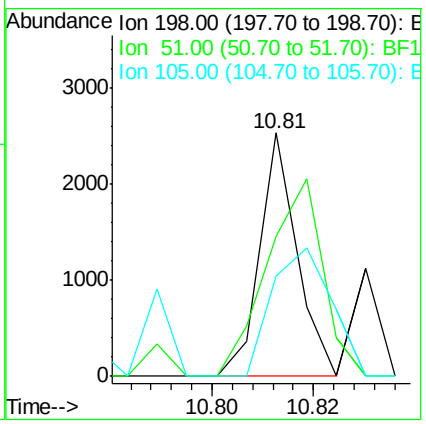


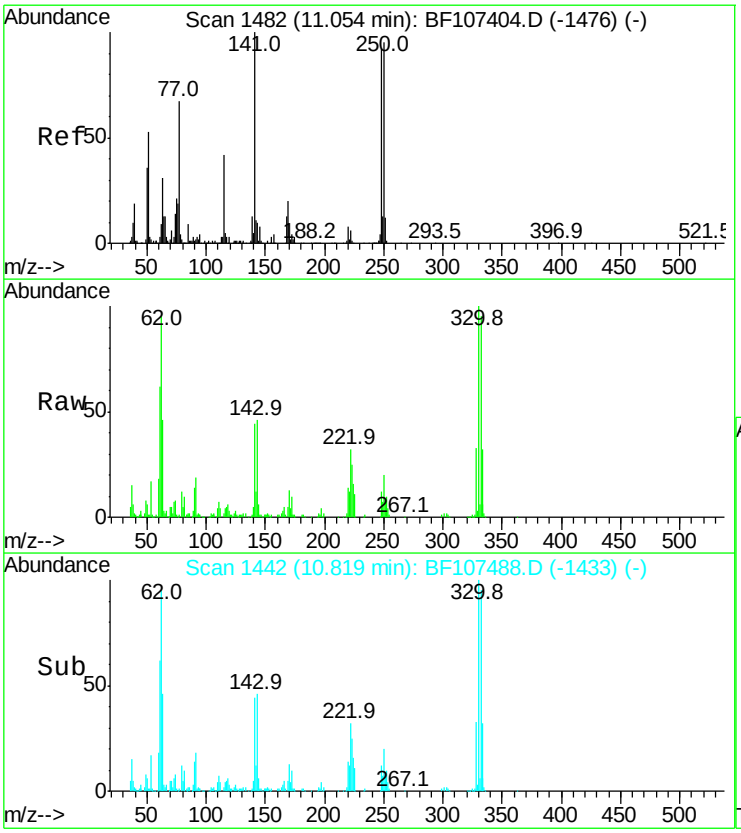
#64
4,6-Dinitro-2-methylphenol
Concen: 7.937 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.18 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1272

Ion	Ratio	Lower	Upper
198	100		
51	57.5	37.7	77.7
105	41.2	36.3	76.3

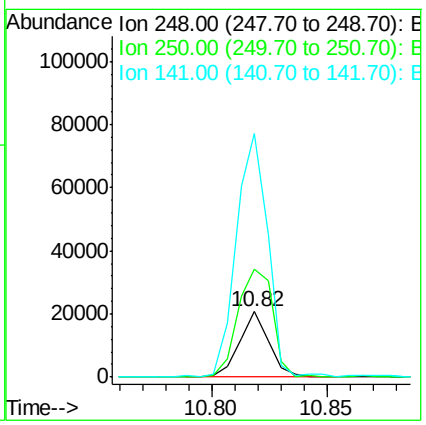


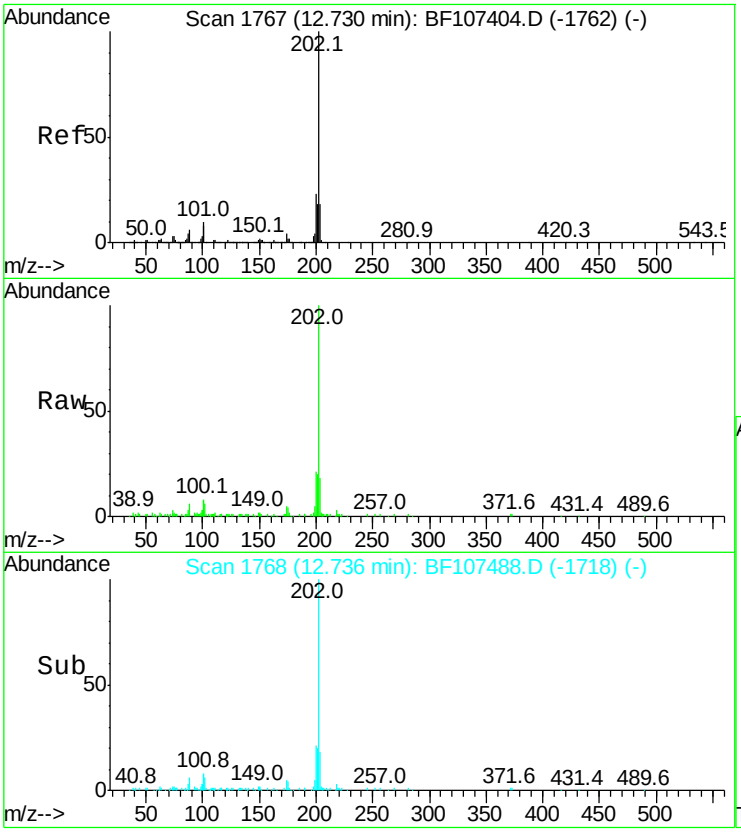


#66
4-Bromophenyl-phenylether
Concen: 3.604 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Tgt Ion:248 Resp: 18428

Ion	Ratio	Lower	Upper
248	100		
250	166.1	76.9	115.3#
141	374.2	74.4	111.6#



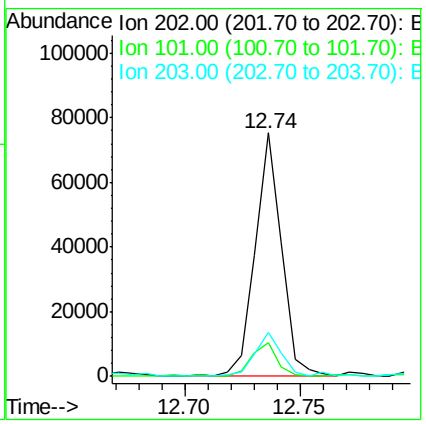


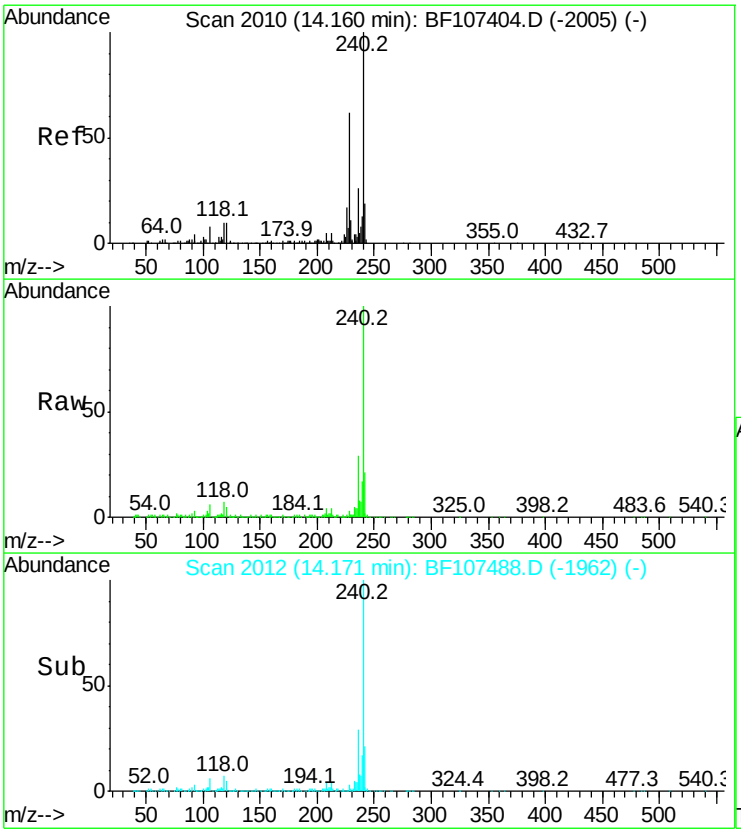
#74
Fluoranthene
Concen: 2.380 ng
RT: 12.74 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 60257

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.1
203	17.9	0.0	38.1

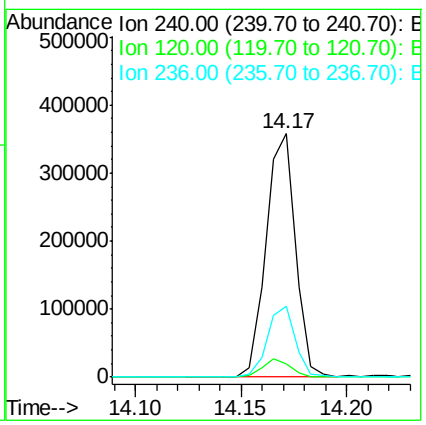


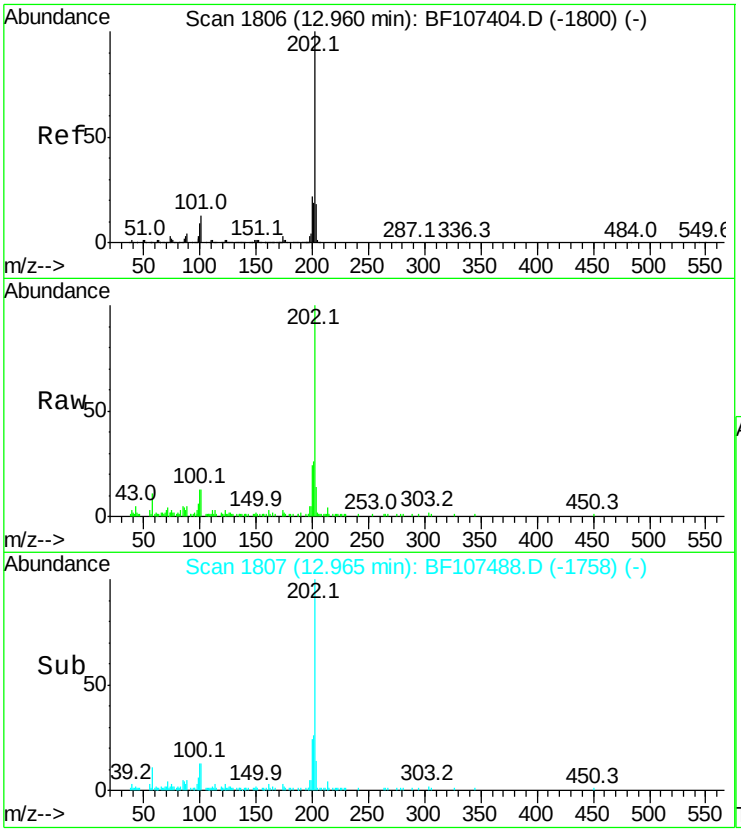


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Tgt Ion:240 Resp: 346193

Ion	Ratio	Lower	Upper
240	100		
120	5.2	9.5	14.3#
236	28.9	20.7	31.1



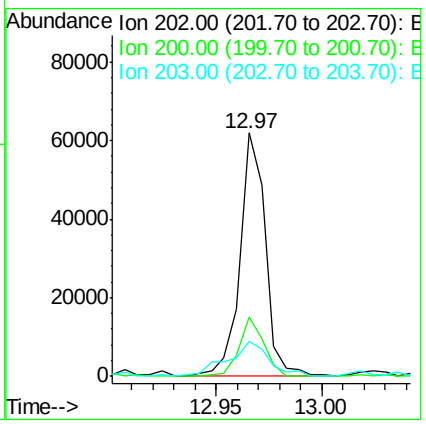


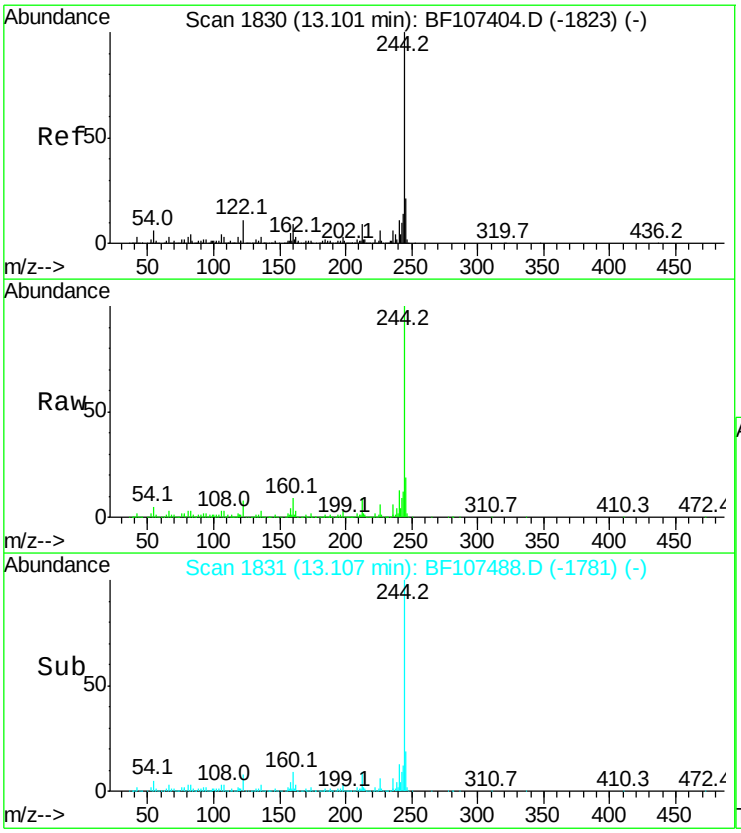
#77
Pyrene
Concen: 2.197 ng
RT: 12.97 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 51727

Ion	Ratio	Lower	Upper
202	100		
200	24.5	17.4	26.2
203	14.4	14.3	21.5

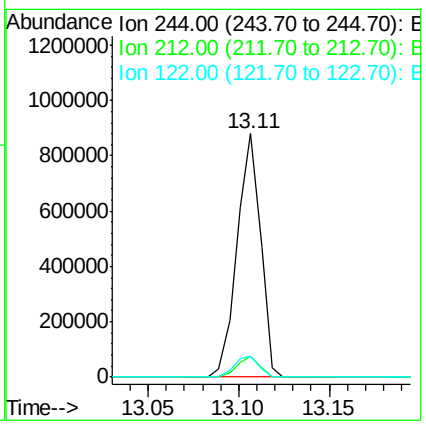


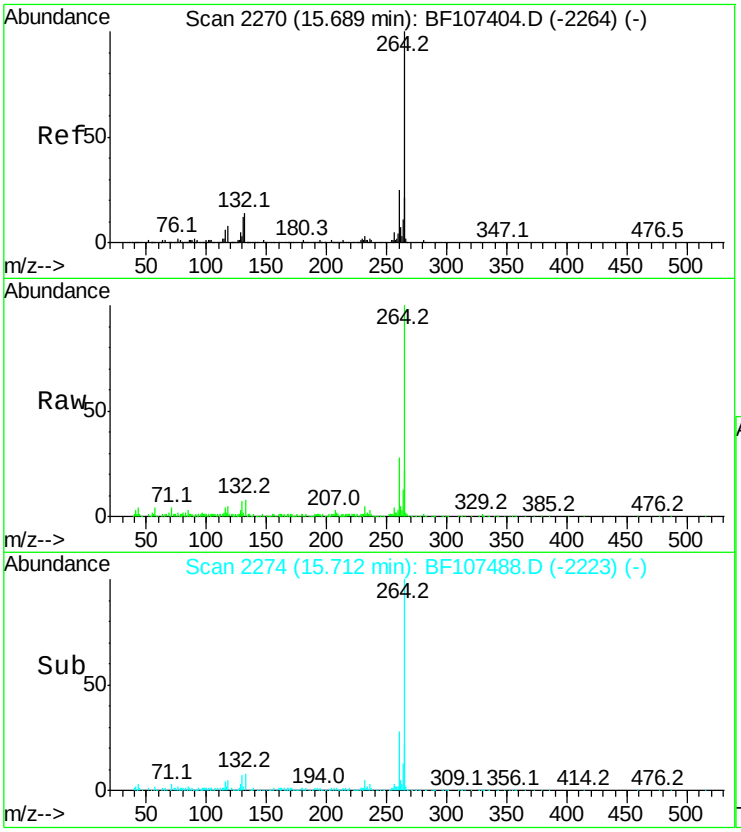


#78
Terphenyl-d14
Concen: 56.678 ng
RT: 13.11 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Tgt Ion:244 Resp: 789737

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.4	8.0#
122	8.4	11.0	16.4#



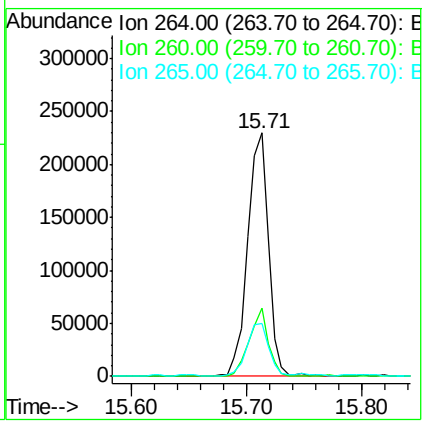


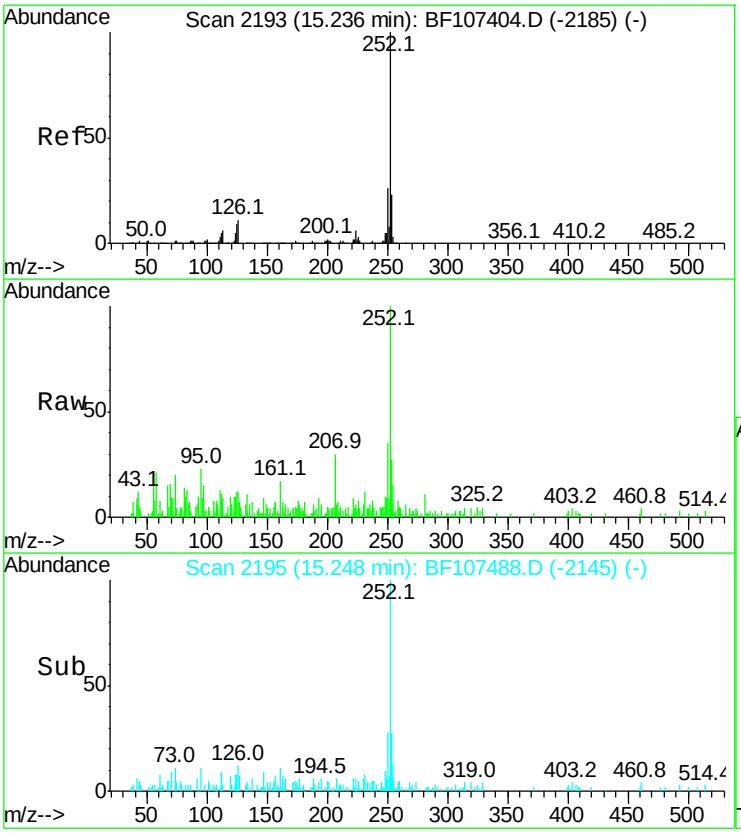
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 289473

Ion	Ratio	Lower	Upper
264	100		
260	28.1	19.2	28.8
265	21.8	17.5	26.3





#87
Benzo(b)fluoranthene
Concen: 2.438 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107488.D
Acq: 18 Jul 2018 20:00

Tgt Ion:252 Resp: 41305

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.0	25.6#
125	11.6	9.0	13.6