Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
Data File : BF107623.D
Acq On : 24 Jul 2018 17:11
Operator : JU/SJ
Sample : J4096-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-10

Quant Time: Jul 25 01:02:50 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	256444	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	1004578	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	397144	20.00	ng		-0.01
63) Phenanthrene-d10	11.51	188	691259	20.00	ng		0.00
75) Chrysene-d12	14.16	240	488226	20.00	ng		0.00
86) Perylene-d12	15.70	264	432652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	651647	40.86	ng		0.00
7) Phenol-d6	6.60	99	800310	41.79	ng		-0.01
23) Nitrobenzene-d5	7.53	82	460805	30.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	168254	37.26	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	806332	27.25	ng		-0.02
78) Terphenyl-d14	13.09	244	619867	32.50	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	13782	Below Cal			85
19) n-Nitroso-di-n-propylamine	7.53	70	62726	5.070	ng	#	78
25) Isophorone	7.53	82	460803	14.499	ng	#	64
32) Benzoic acid	8.05	122	121	7.910	ng	#	56
49) Dimethylphthalate	9.71	163	71432	2.387	ng		99
50) 2,6-Dinitrotoluene	10.01	165	53487	9.001	ng	#	26
56) 2,4-Dinitrotoluene	10.01	165	53487	7.456	ng	#	23
57) Fluorene	10.56	166	137533	5.261	ng		93
64) 4,6-Dinitro-2-methylphenol	10.81	198	131	8.713	ng	#	1
70) Phenanthrene	11.53	178	1889499	56.093	ng		98
71) Anthracene	11.58	178	423020	12.473	ng		99
72) Carbazole	11.74	167	86352	2.448	ng		96
73) Di-n-butylphthalate	12.05	149	15777	Below Cal		#	85
74) Fluoranthene	12.73	202	2204801	60.996	ng		96
77) Pyrene	12.96	202	1698405	50.858	ng		99
80) Benzo(a)anthracene	14.15	228	518998	18.140	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	407	Below Cal		#	1
82) Chrysene	14.19	228	701852	25.537	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	333183	16.442	ng		99
85) Indeno(1,2,3-cd)pyrene	17.28	276	265143	11.383	ng	#	88
87) Benzo(b)fluoranthene	15.24	252	974222	41.144	ng	#	94
88) Benzo(k)fluoranthene	15.24	252	974222	41.995	ng		97
89) Benzo(a)pyrene	15.64	252	401432	18.534	ng	#	95
90) Dibenzo(a,h)anthracene	17.29	278	57861	3.090	ng	#	74
91) Benzo(g,h,i)perylene	17.77	276	271875	14.721	ng	#	91

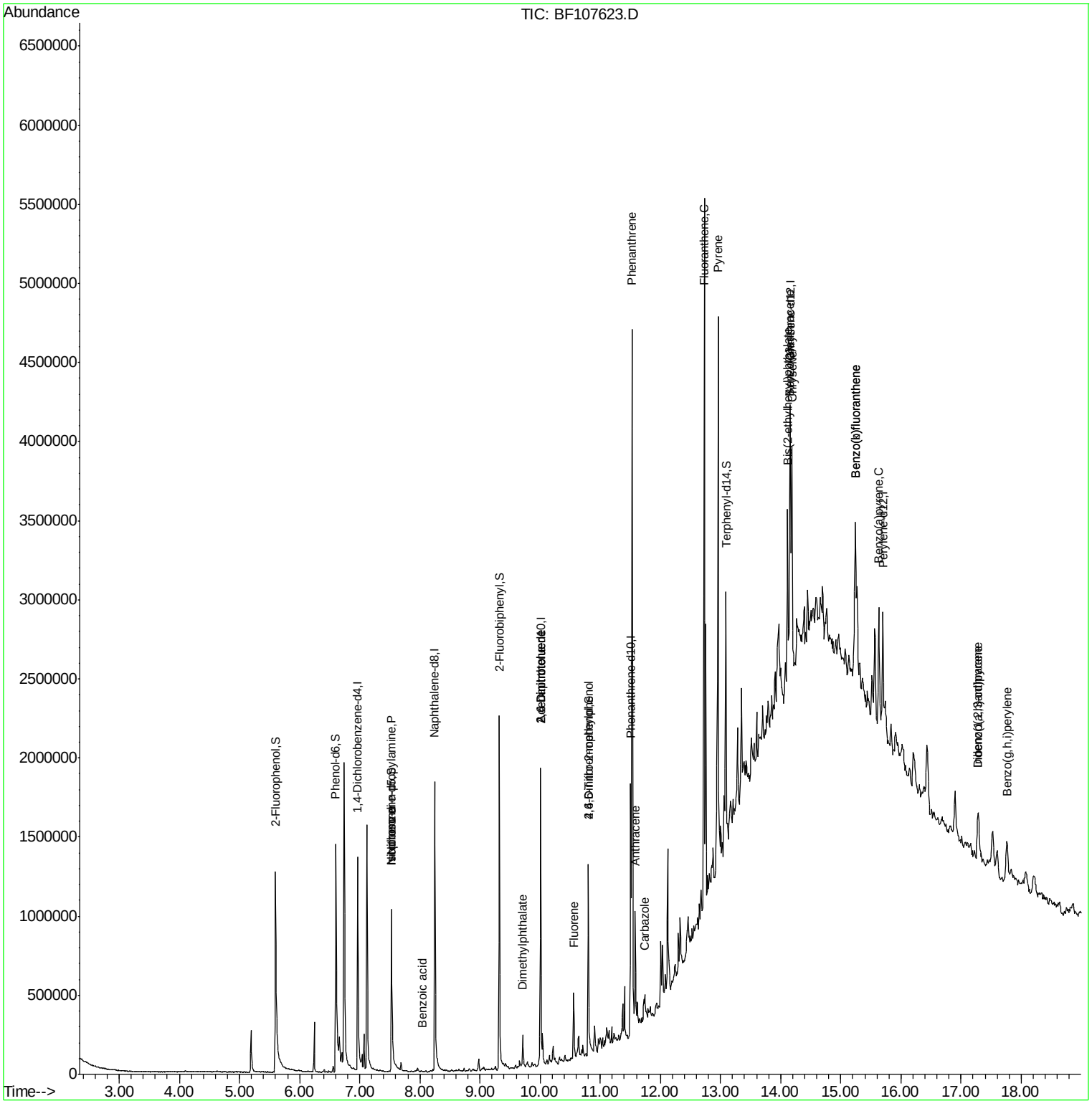
(#) = qualifier out of range (m) = manual integration (+) = signals summed

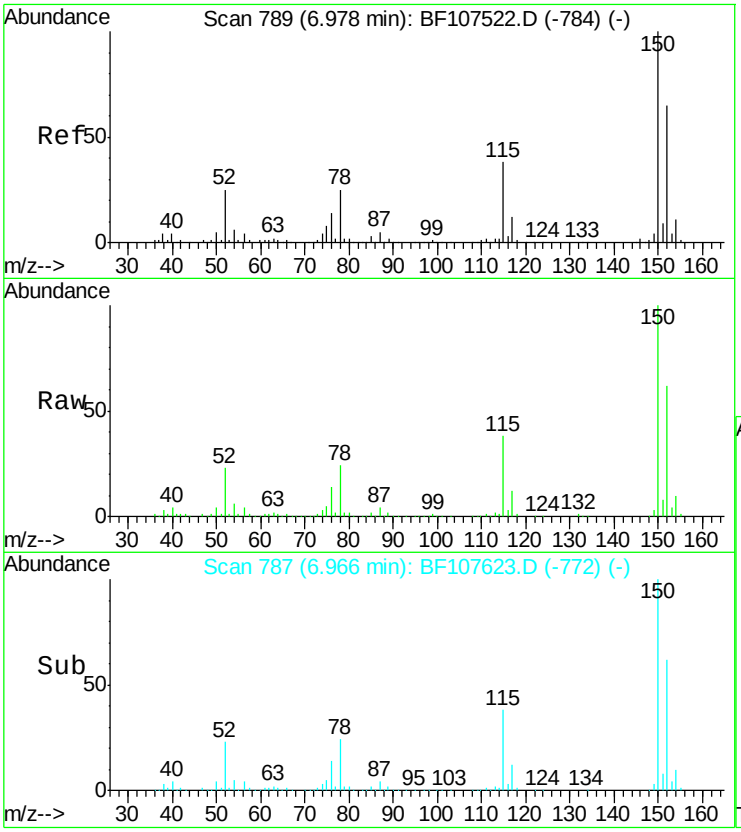
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
Data File : BF107623.D
Acq On : 24 Jul 2018 17:11
Operator : JU/SJ
Sample : J4096-08 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-10

Quant Time: Jul 25 01:02:50 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



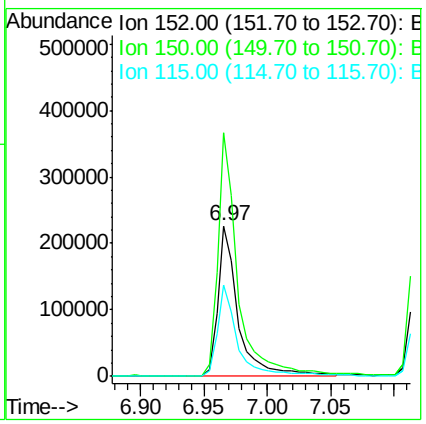


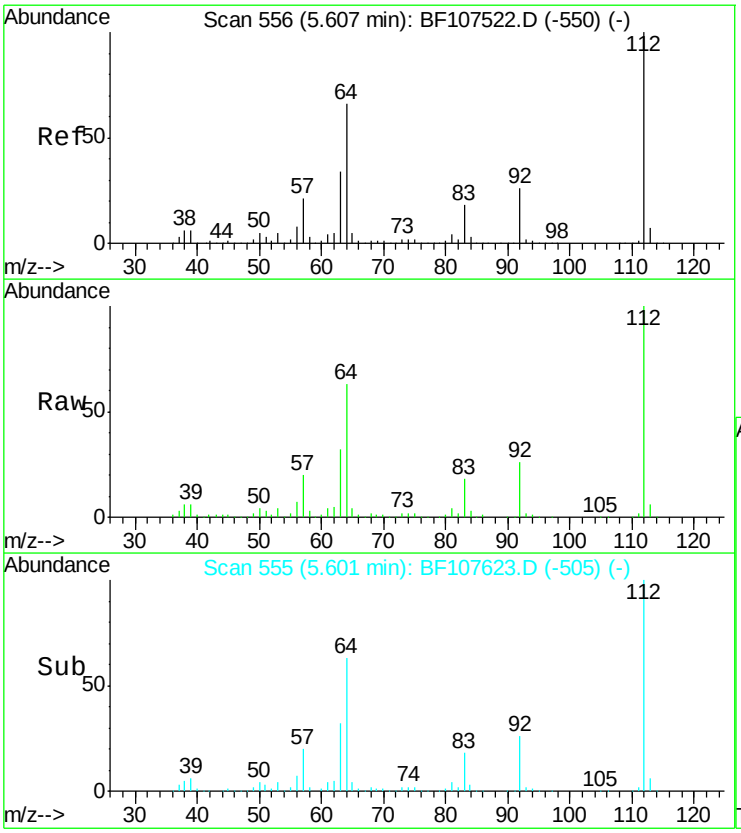
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:152 Resp: 256444

Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	186.8
115	60.9	50.1	75.1

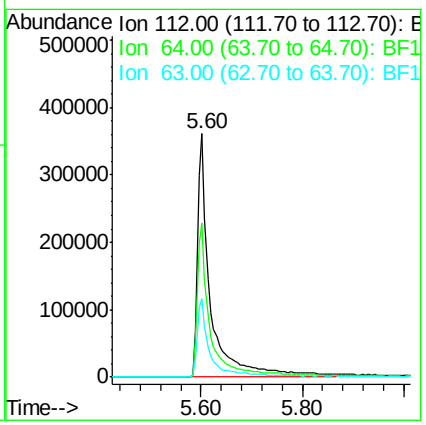


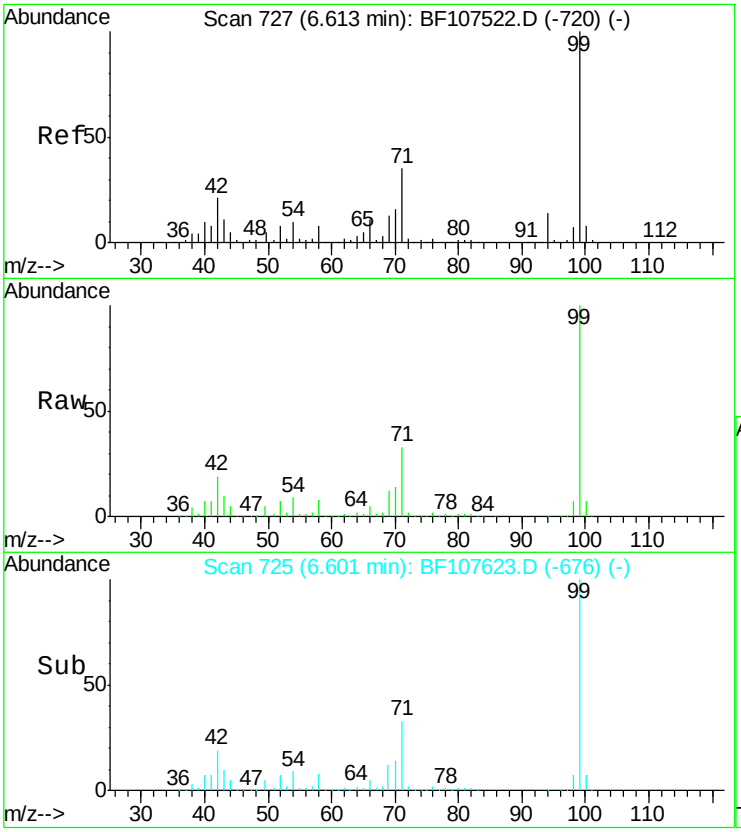


#5
2-Fluorophenol
Concen: 40.856 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:112 Resp: 651647

Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	32.3	23.7	35.5



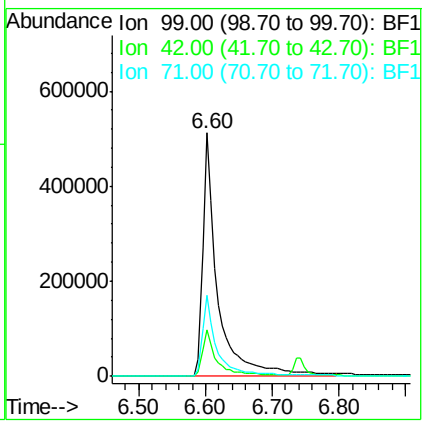


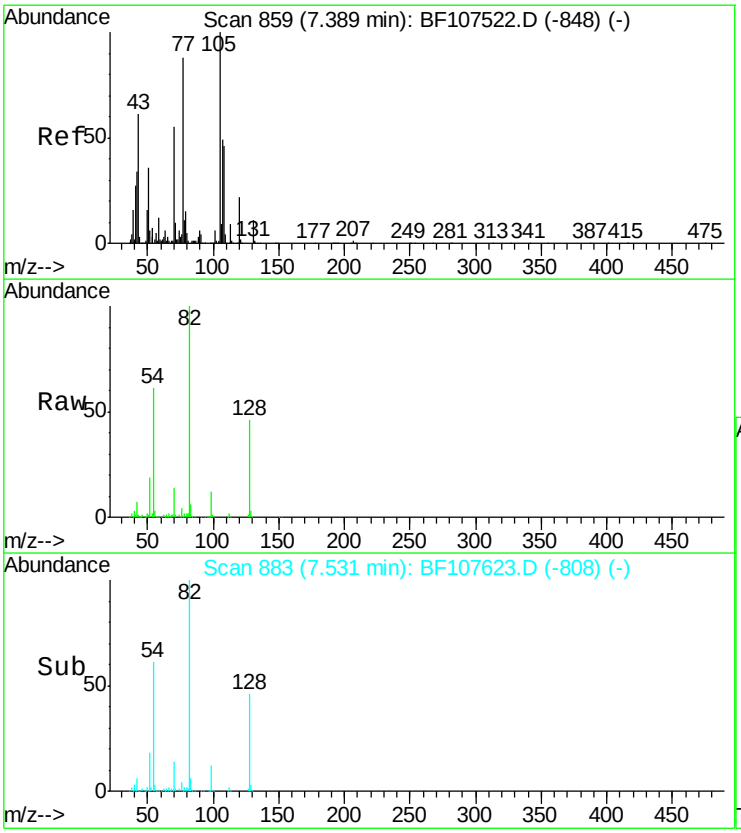
#7
Phenol-d6
Concen: 41.788 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion: 99 Resp: 800310

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.3	25.4	38.0

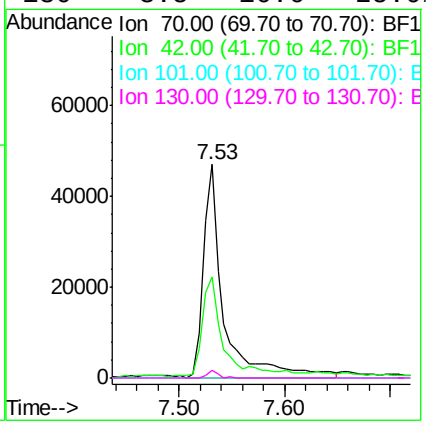


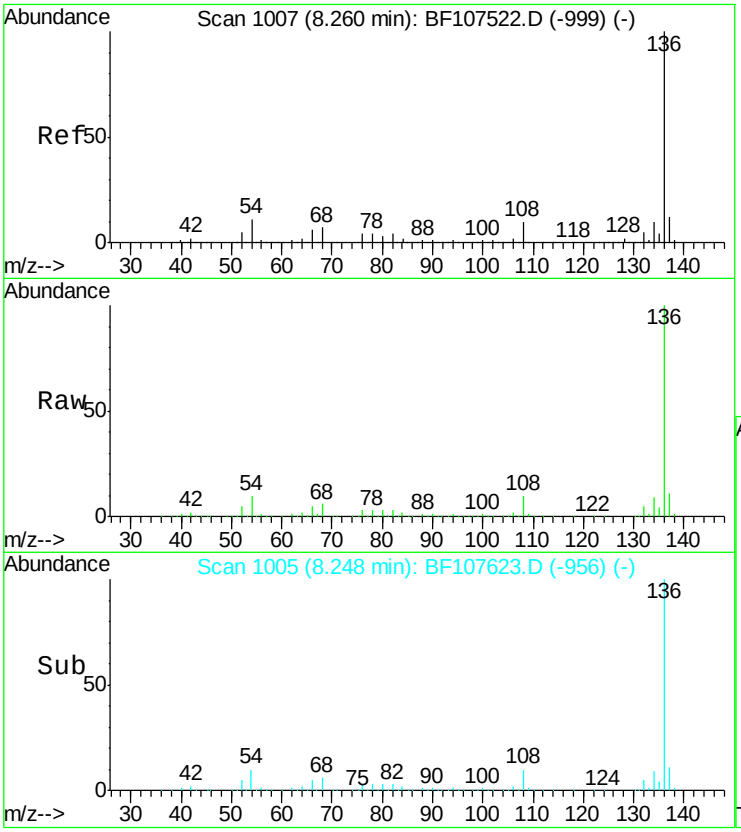


#19
n-Nitroso-di-n-propylamine
Concen: 5.070 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion: 70 Resp: 62726

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.5	71.3#
101	0.0	7.4	11.2#
130	3.5	16.6	25.0#



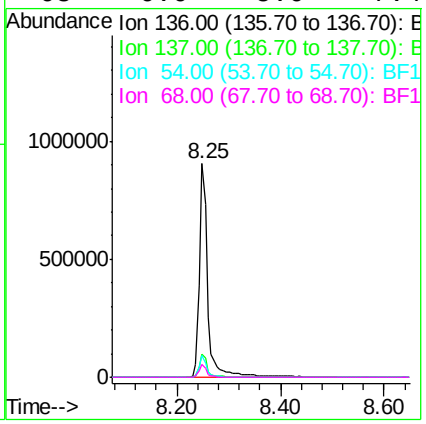


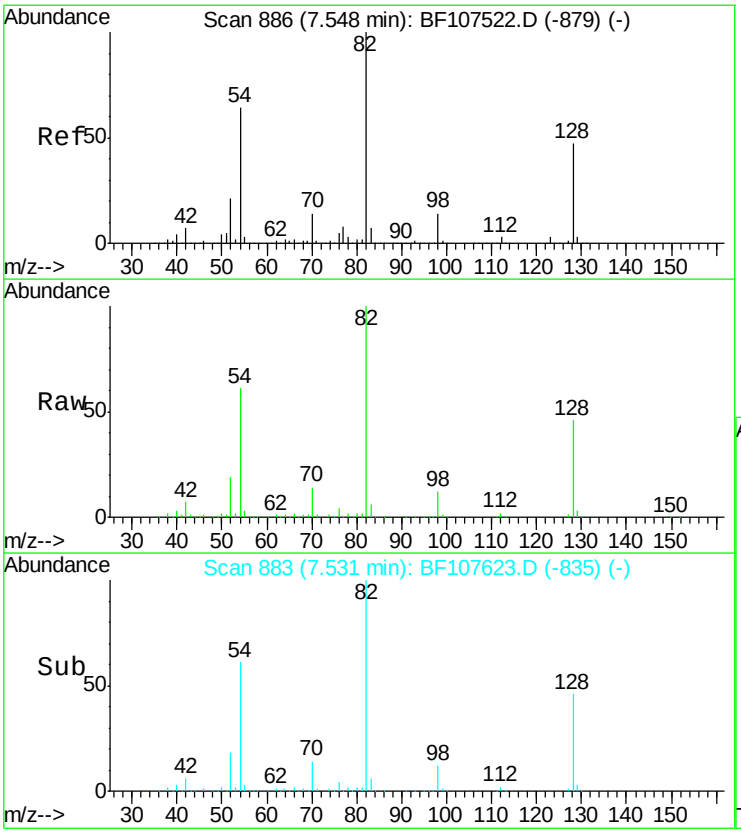
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:136 Resp: 1004578

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.1	6.6	9.8#
68	6.0	5.0	7.4

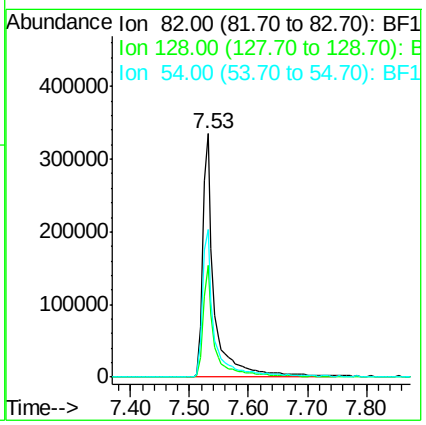


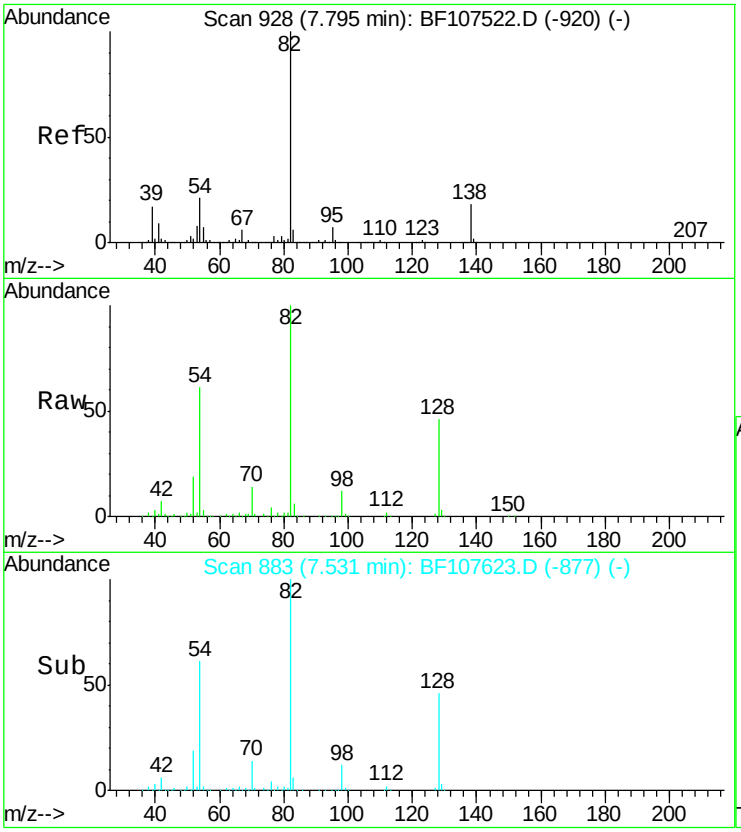


#23
Nitrobenzene-d5
Concen: 30.957 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion: 82 Resp: 460805

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	60.9	41.4	62.2



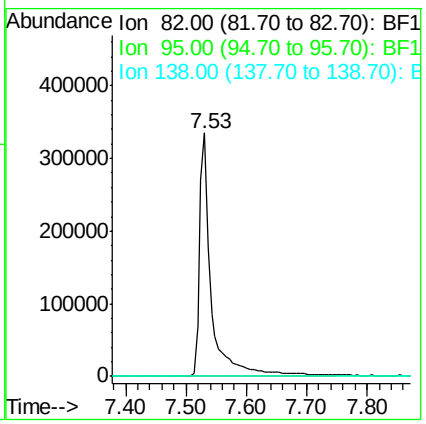


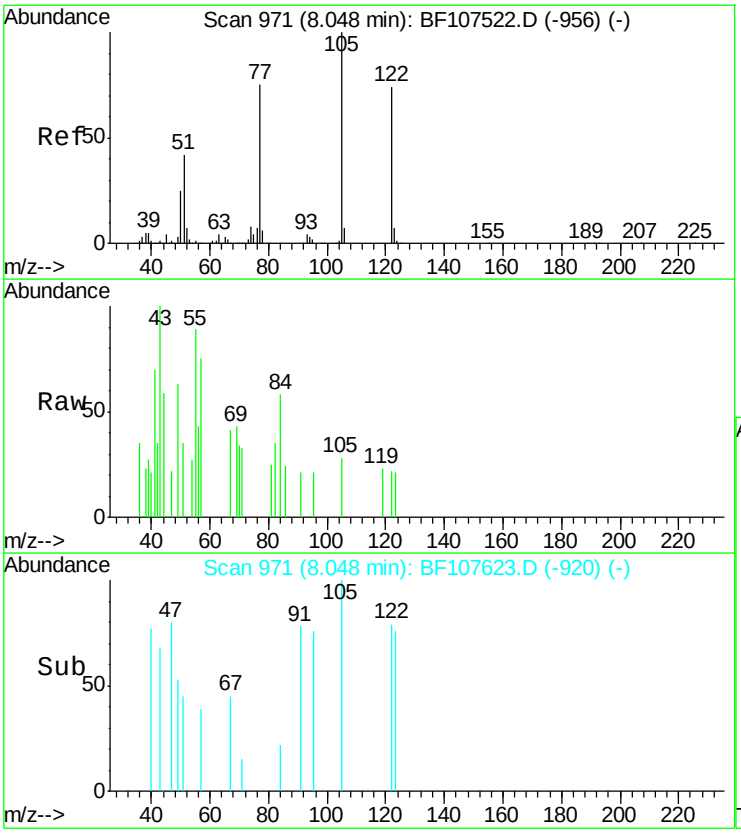
#25
Isophorone
Concen: 14.499 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion: 82 Resp: 460803

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

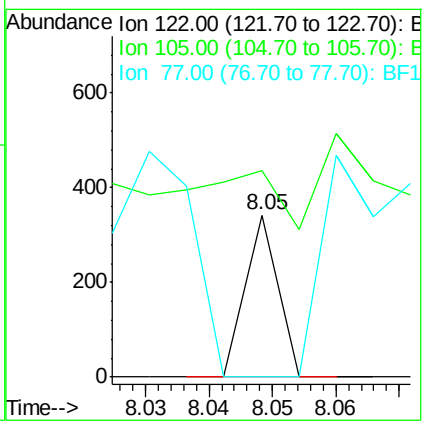


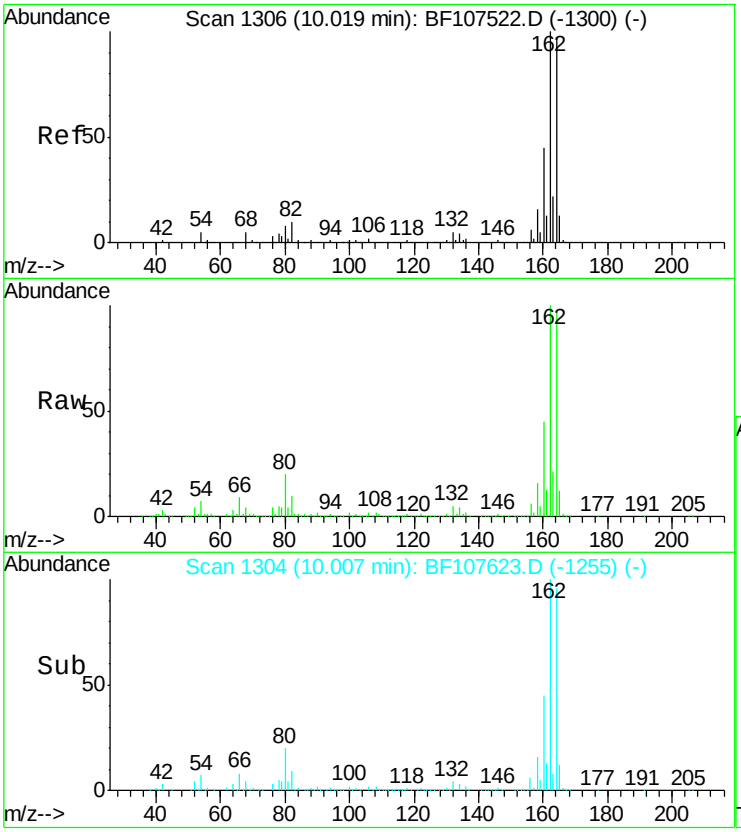


#32
Benzoic acid
Concen: 7.910 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:122 Resp: 121

Ion	Ratio	Lower	Upper
122	100		
105	127.1	101.1	141.1
77	0.0	70.7	110.7#



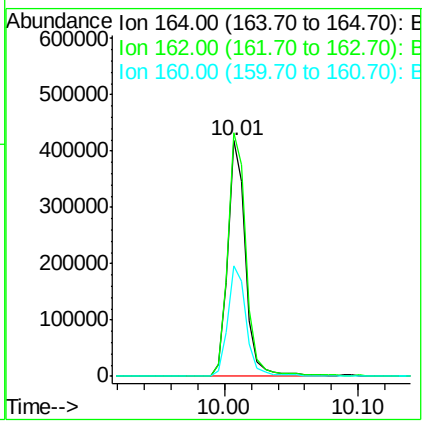


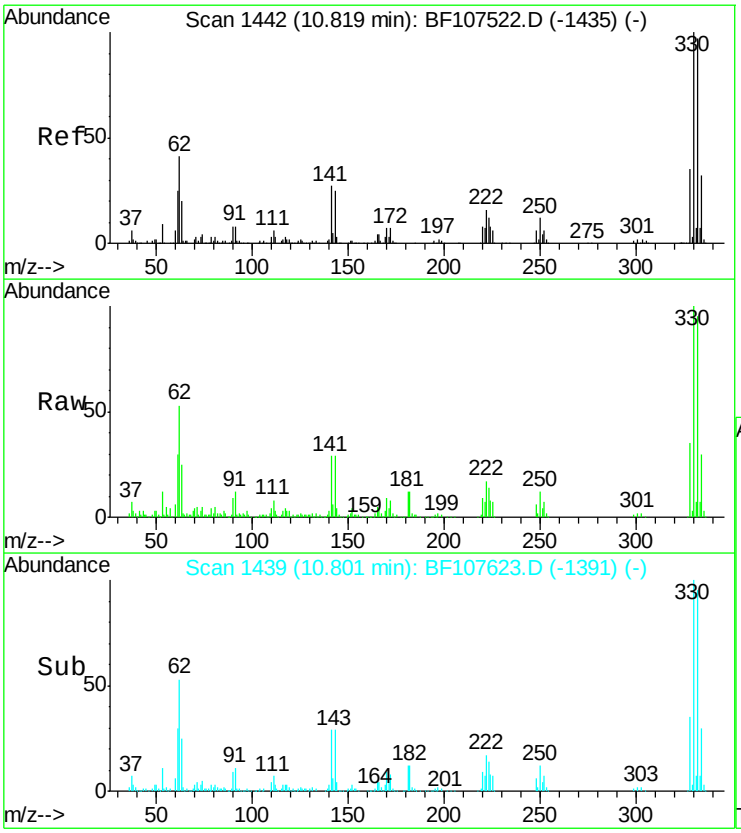
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:164 Resp: 397144

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.6	38.3	57.5

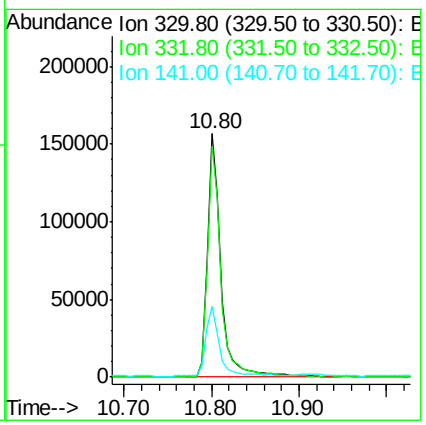


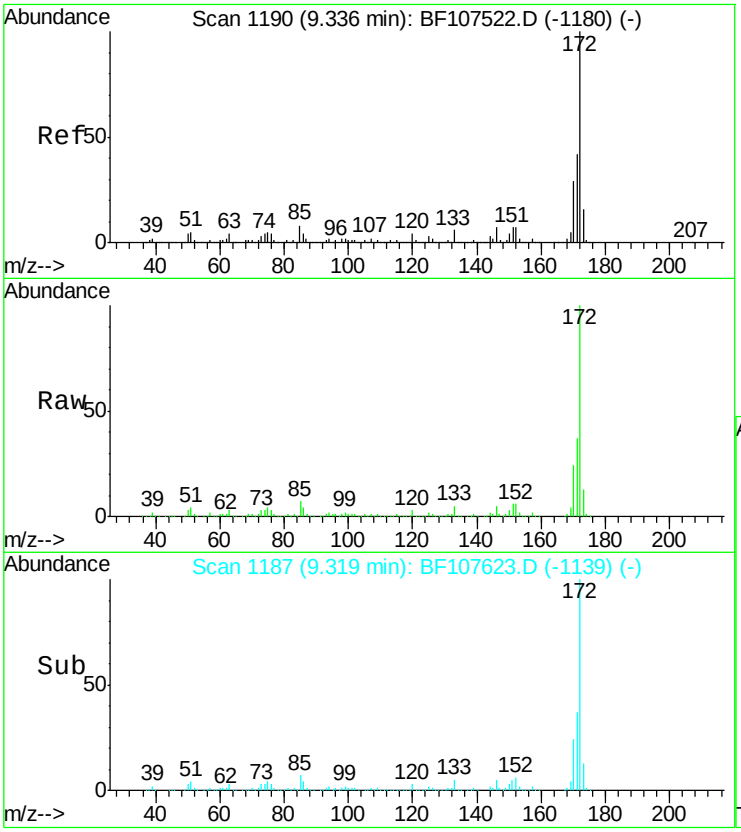


#41
2,4,6-Tribromophenol
Concen: 37.256 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:330 Resp: 168254

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	29.9	29.9	44.9



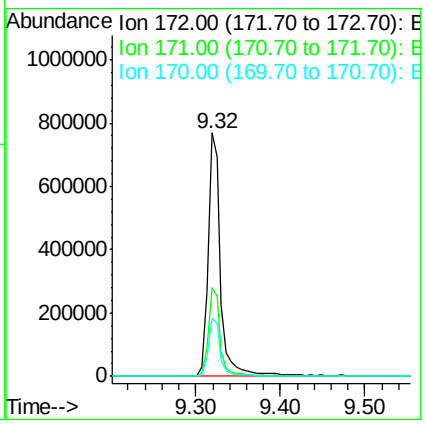


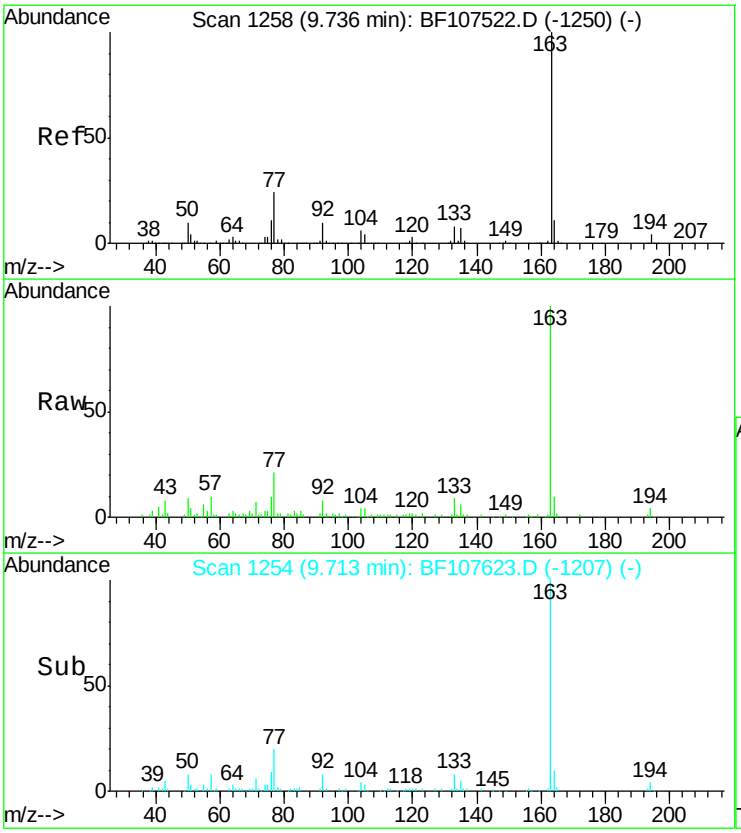
#44
2-Fluorobiphenyl
Concen: 27.246 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:172 Resp: 806332

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.6	19.6	29.4

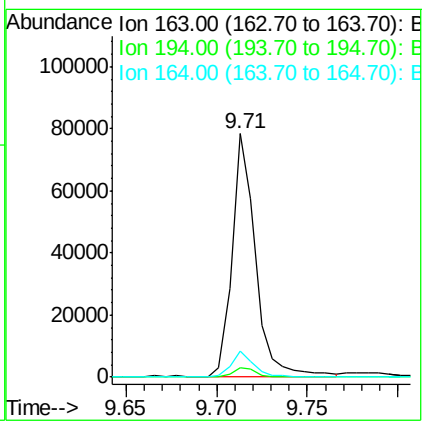


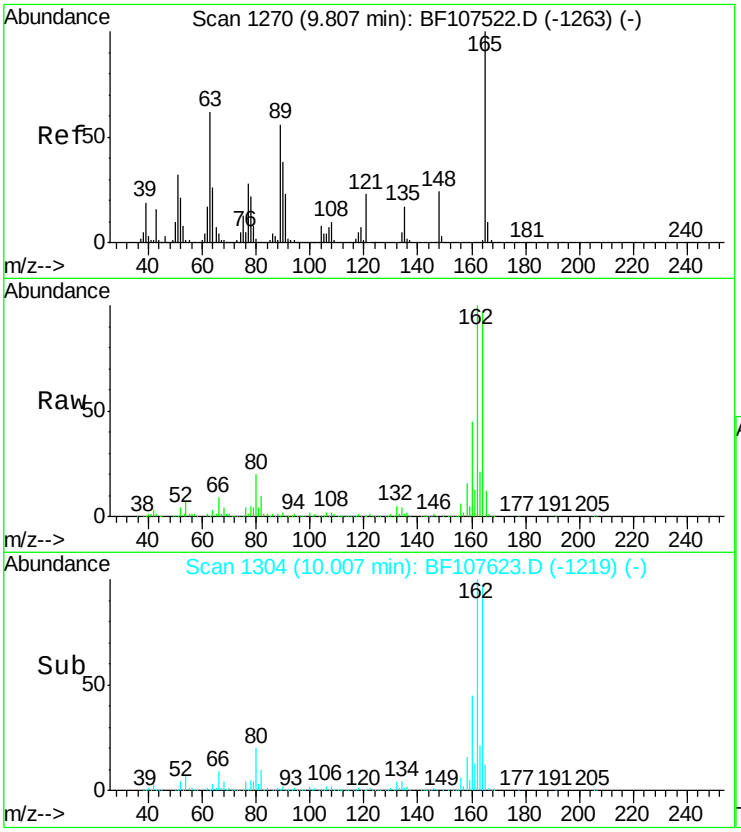


#49
Dimethylphthalate
Concen: 2.387 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:163 Resp: 71432

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.4	8.2	12.2



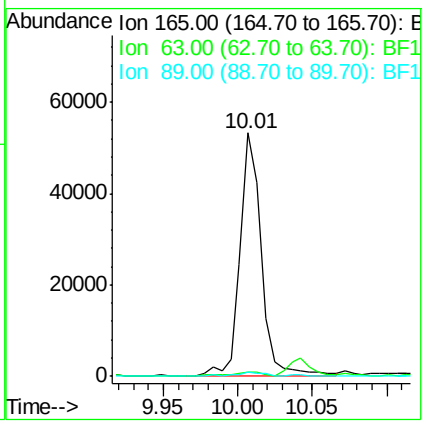


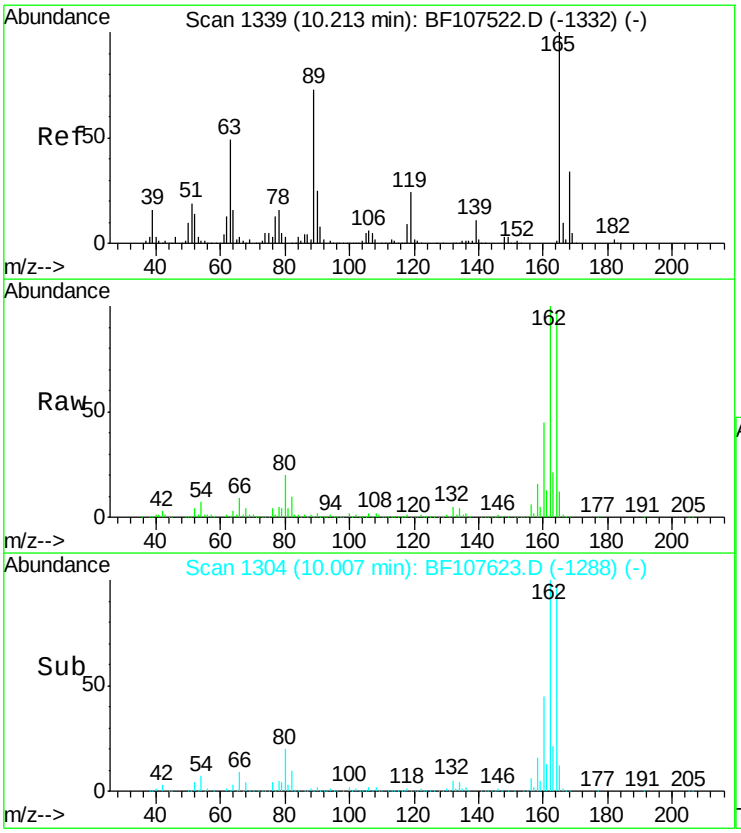
#50
2,6-Dinitrotoluene
Concen: 9.001 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:165 Resp: 53487

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.5	44.0	66.0#

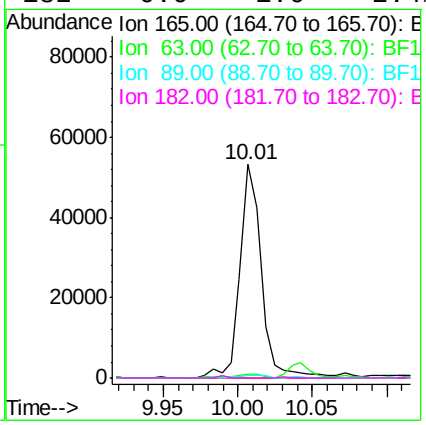


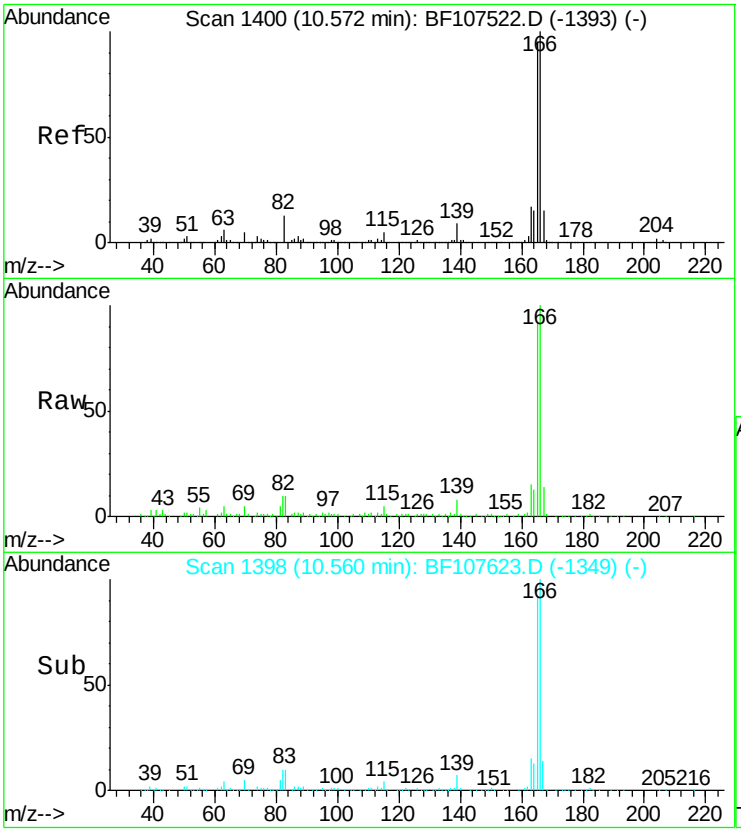


#56
2,4-Dinitrotoluene
Concen: 7.456 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:165 Resp: 53487

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



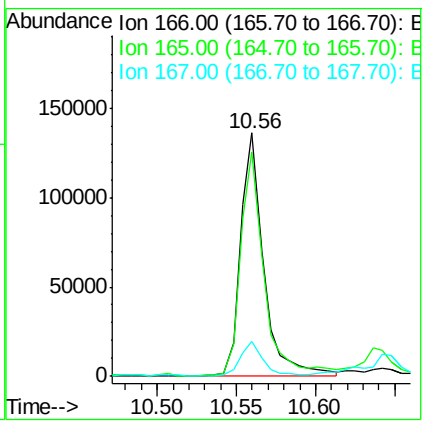


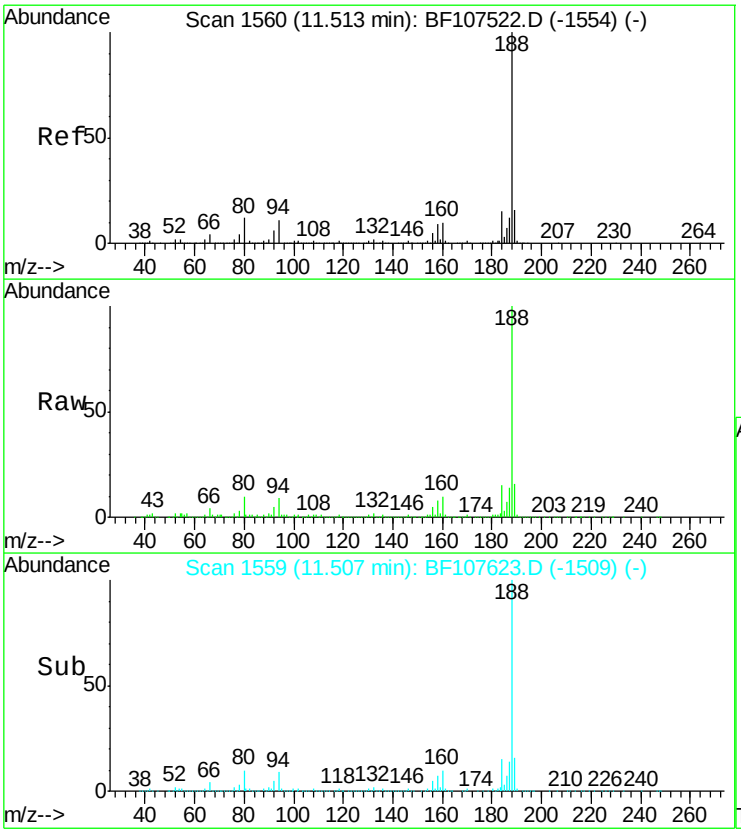
#57
Fluorene
Concen: 5.261 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:166 Resp: 137533

Ion	Ratio	Lower	Upper
166	100		
165	92.0	79.8	119.8
167	14.2	10.6	16.0

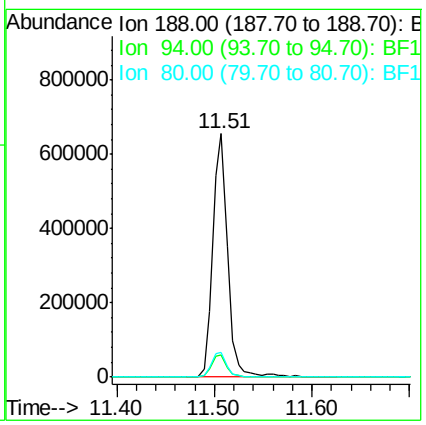


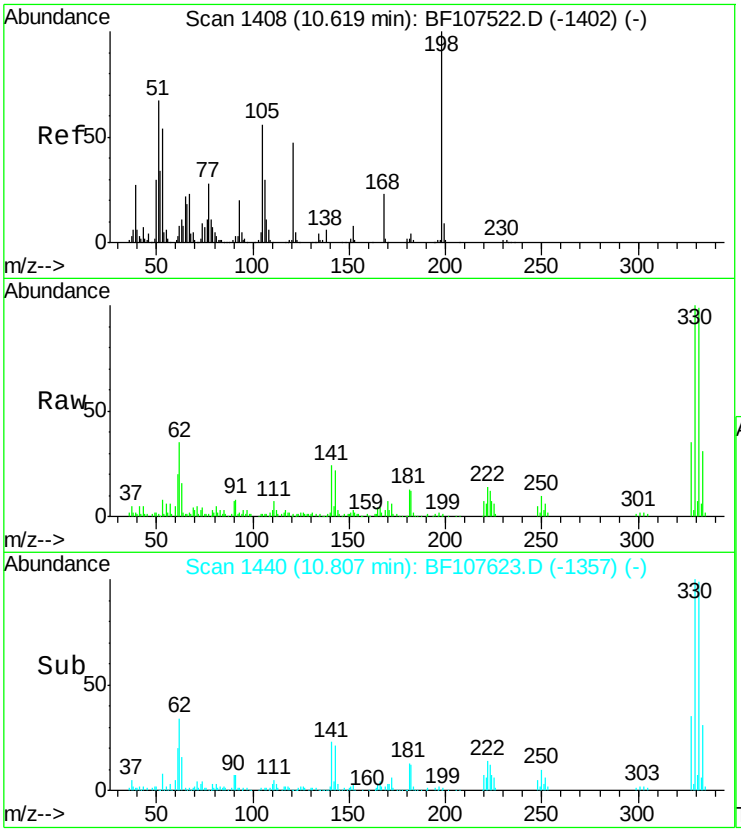


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:188 Resp: 691259

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.9	9.2	13.8



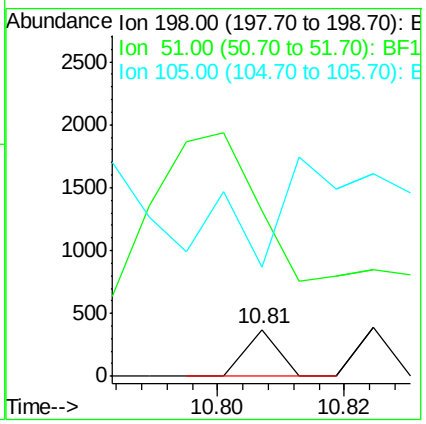


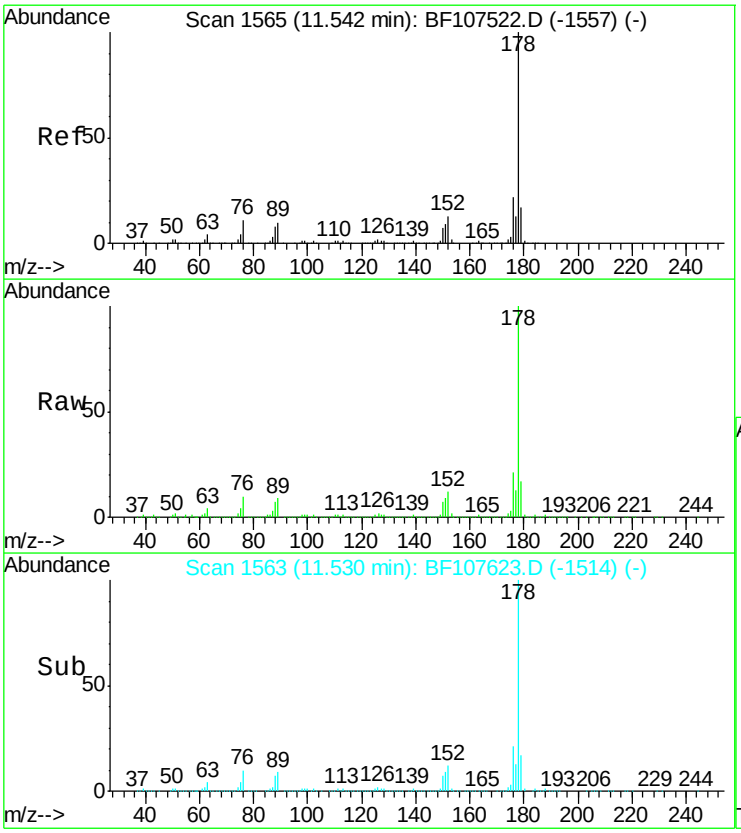
#64
4,6-Dinitro-2-methylphenol
Concen: 8.713 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:198 Resp: 131

Ion	Ratio	Lower	Upper
198	100		
51	355.3	37.7	77.7#
105	234.2	36.3	76.3#

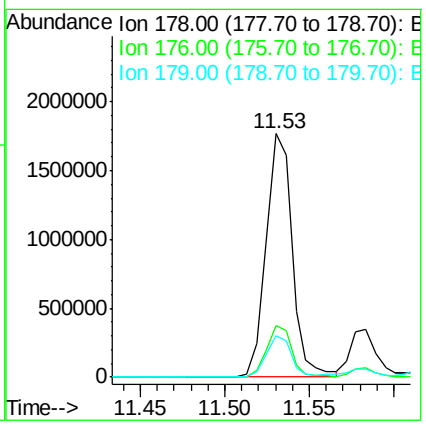


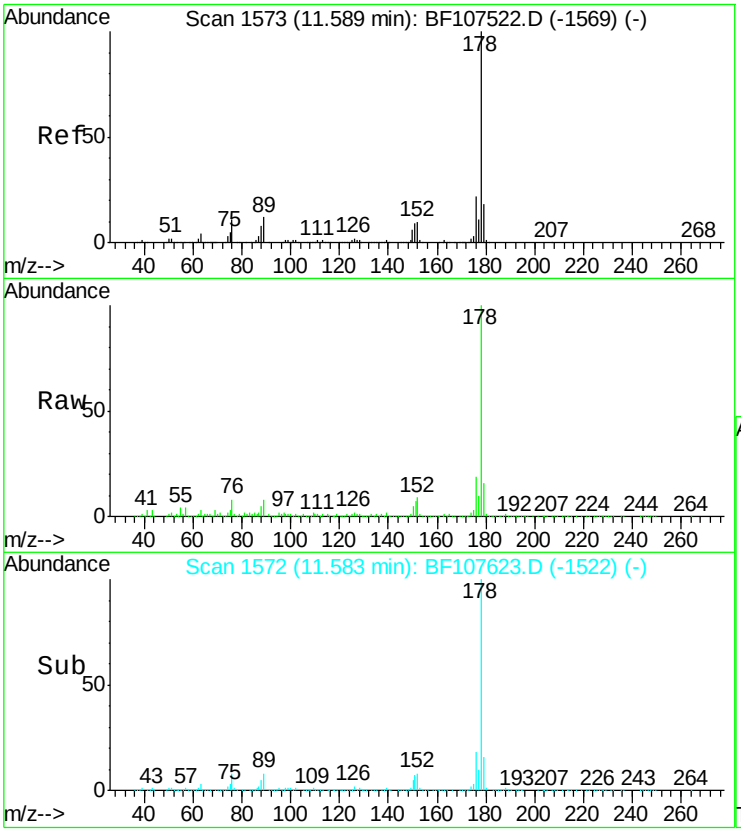


#70
Phenanthrene
Concen: 56.093 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:178 Resp: 1889499

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.8	23.8
179	16.8	13.0	19.6



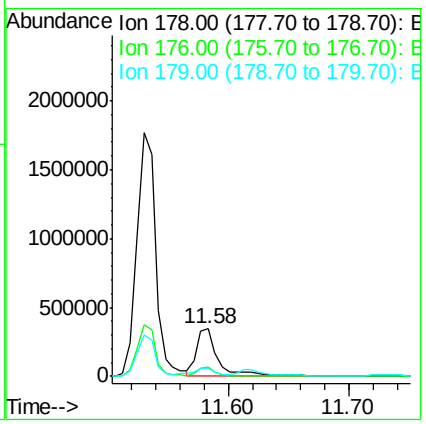


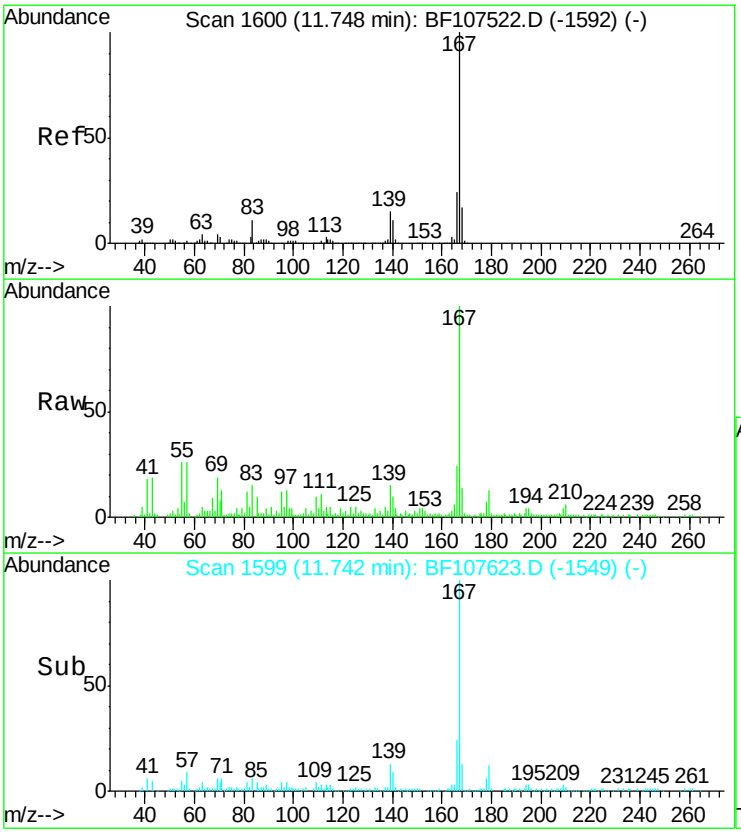
#71
Anthracene
Concen: 12.473 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:178 Resp: 423020

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.2	12.6	19.0

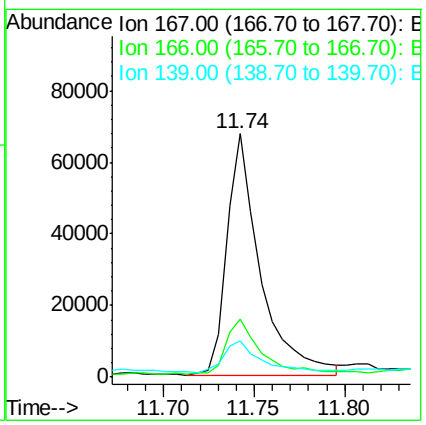


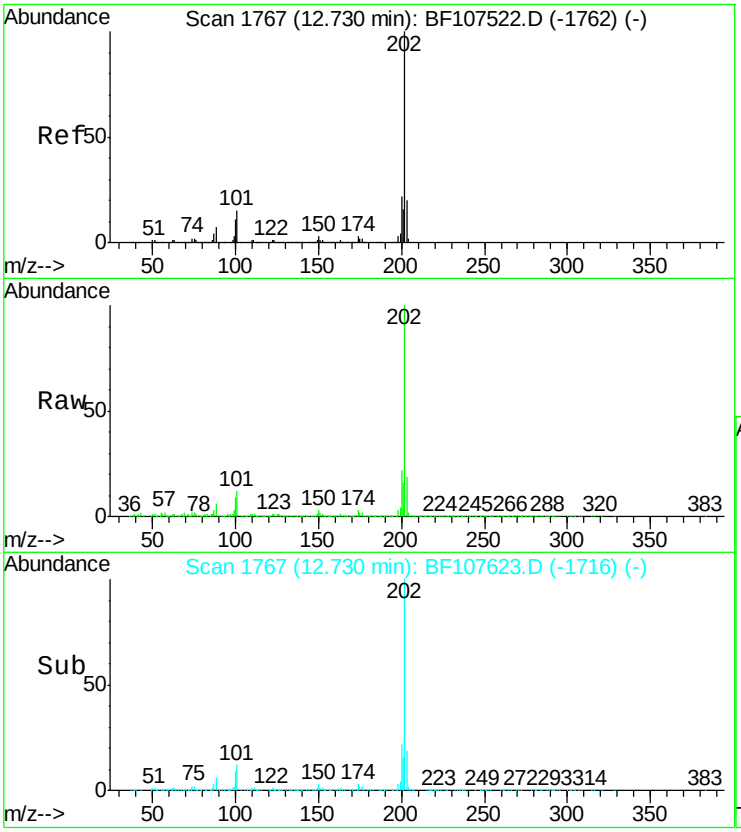


#72
Carbazole
Concen: 2.448 ng
RT: 11.74 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:167 Resp: 86352

Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.6	26.4
139	14.7	10.9	16.3



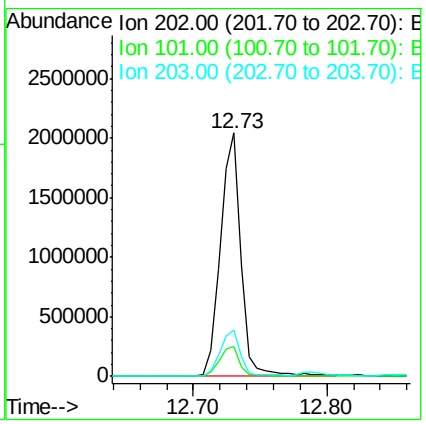


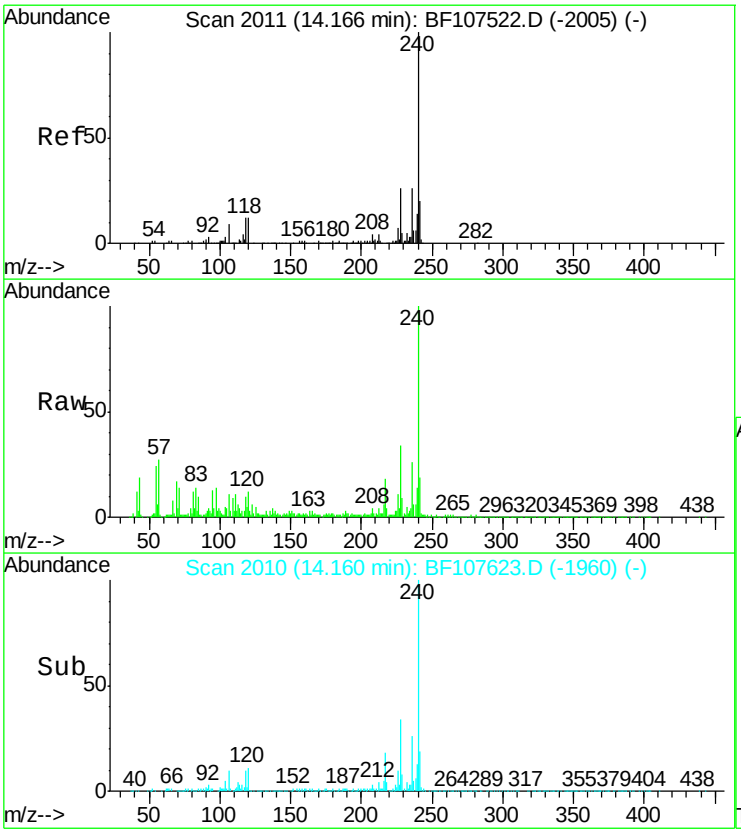
#74
Fluoranthene
Concen: 60.996 ng
RT: 12.73 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:202 Resp: 2204801

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	19.2	0.0	38.1

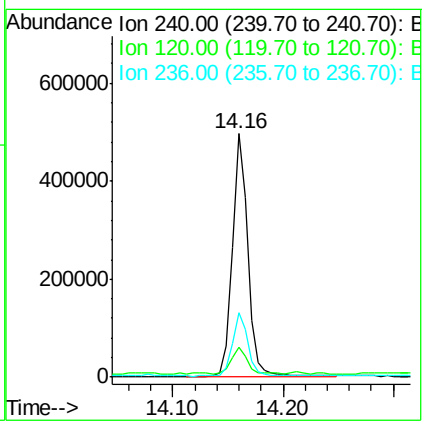


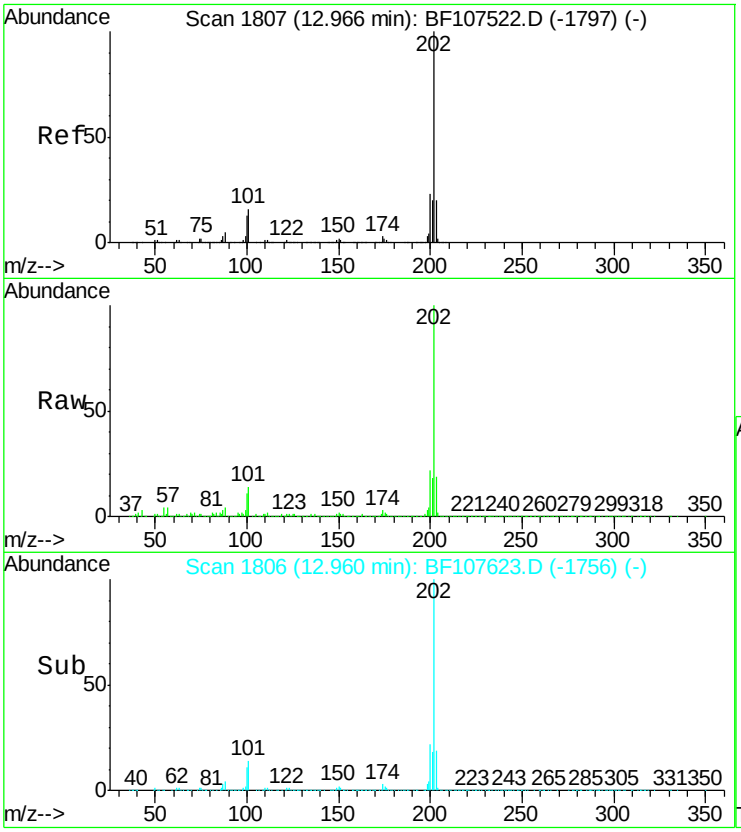


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:240 Resp: 488226

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.3	20.7	31.1



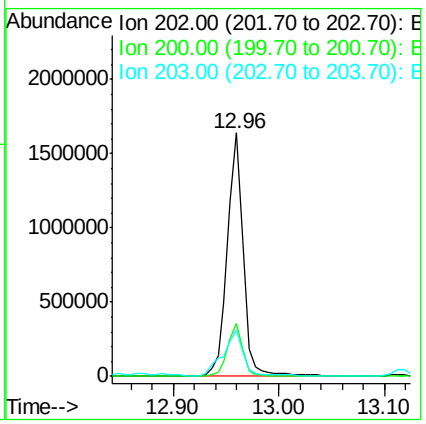


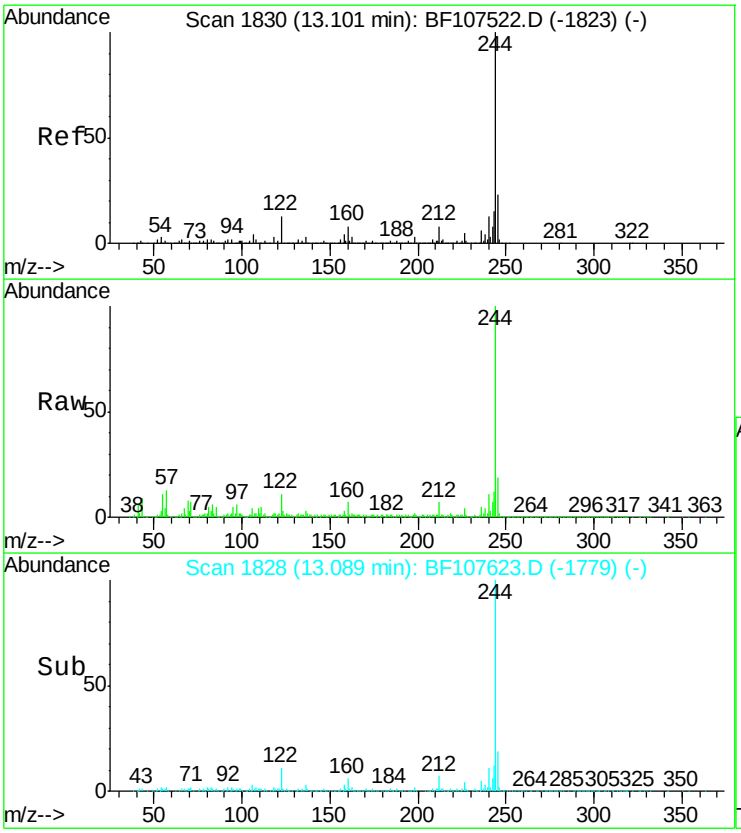
#77
Pyrene
Concen: 50.858 ng
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:202 Resp: 1698405

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	19.1	14.3	21.5

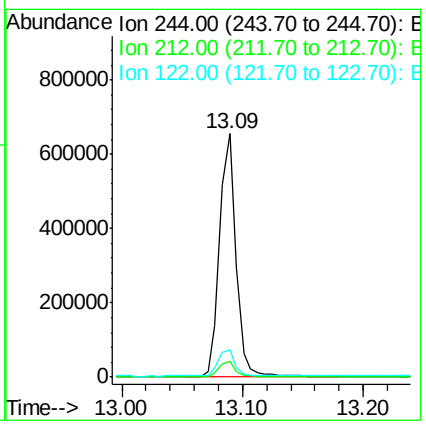


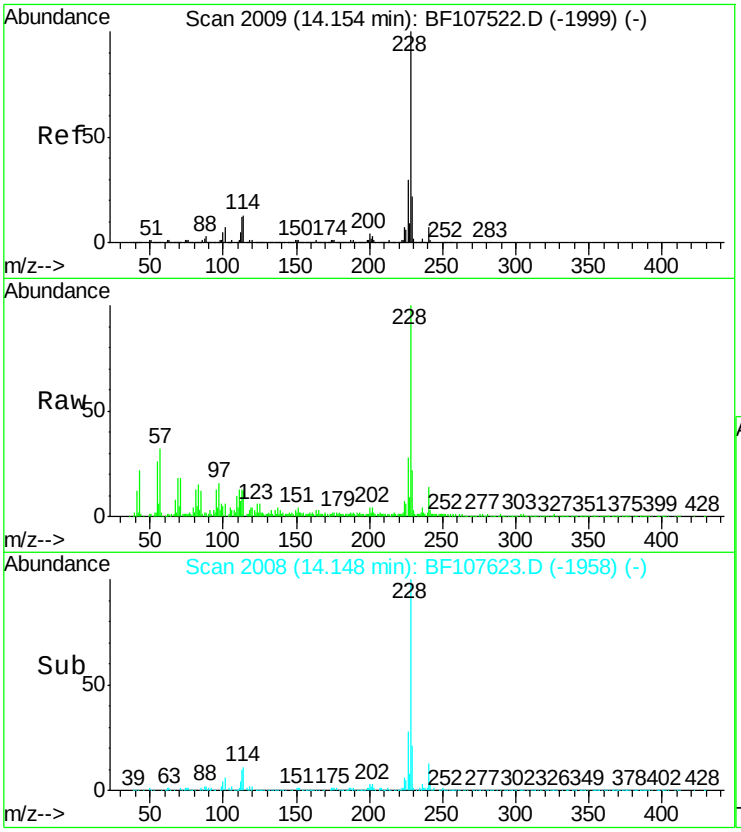


#78
Terphenyl-d14
Concen: 32.504 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:244 Resp: 619867

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	11.0	16.4



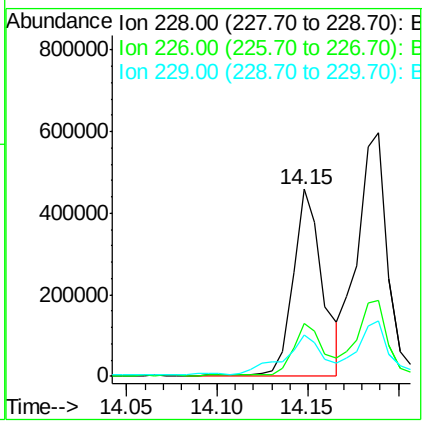


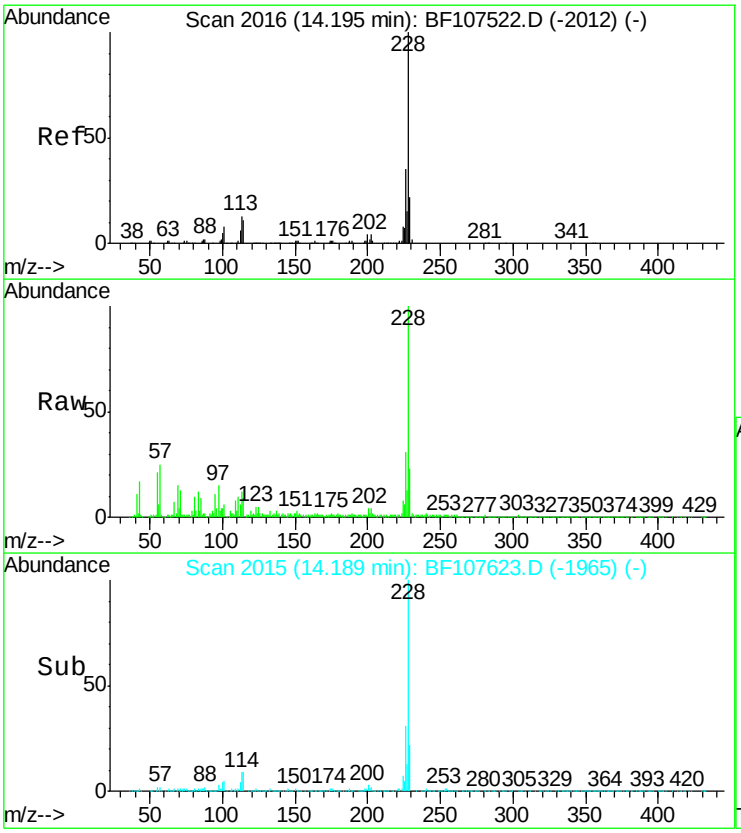
#80
Benzo(a)anthracene
Concen: 18.140 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:228 Resp: 518998

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	21.8	15.8	23.6

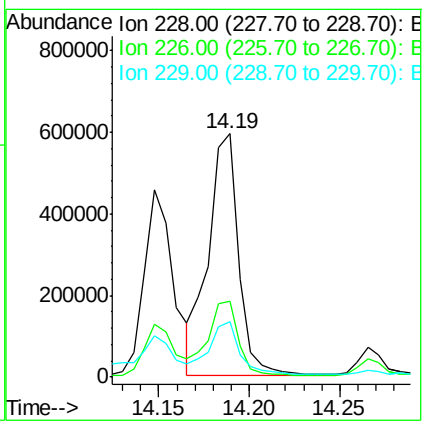


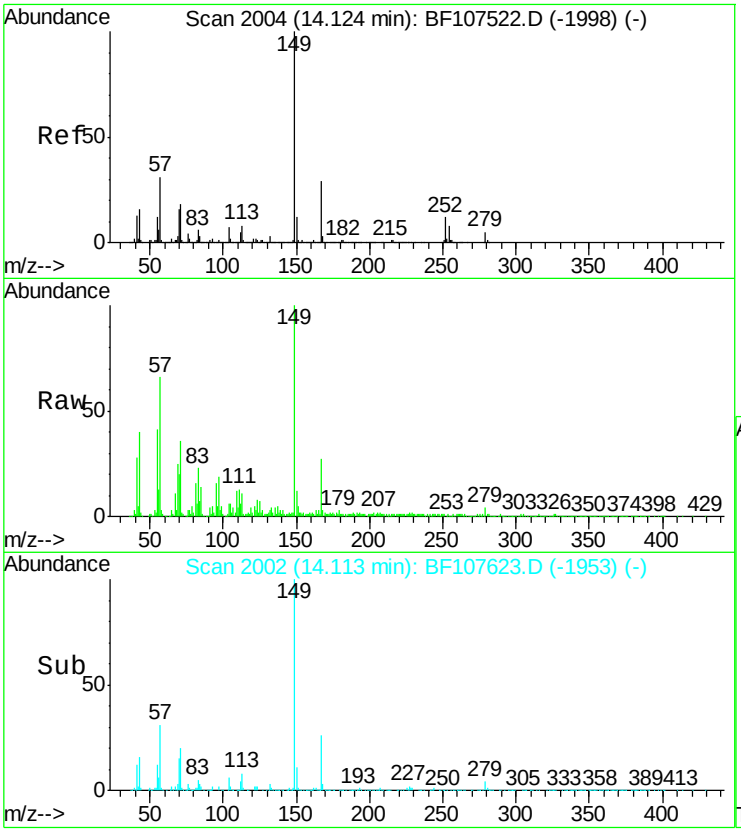


#82
Chrysene
Concen: 25.537 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:228 Resp: 701852

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.7	16.2	24.4



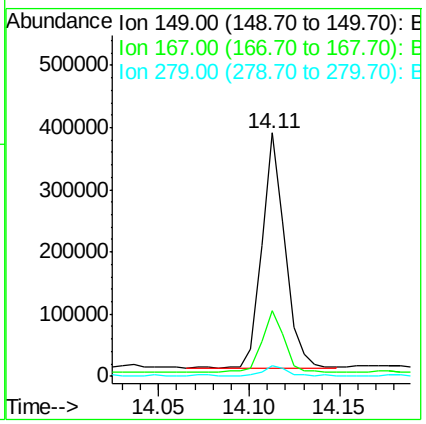


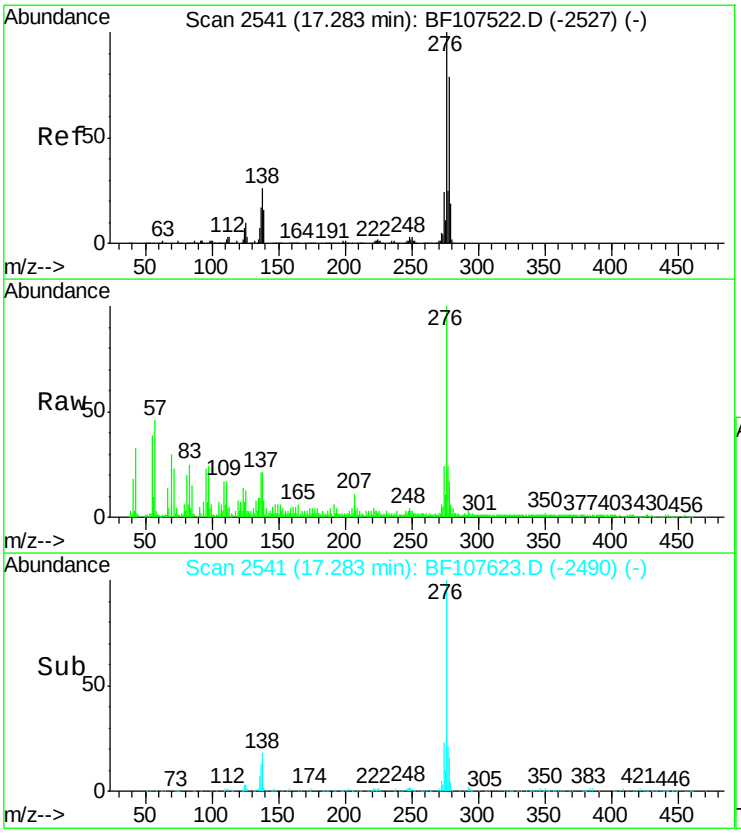
#83
Bis(2-ethylhexyl)phthalate
Concen: 16.442 ng
RT: 14.11 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:149 Resp: 333183

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	4.3	3.0	4.4

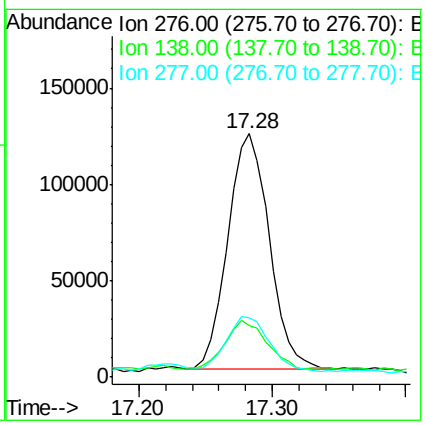


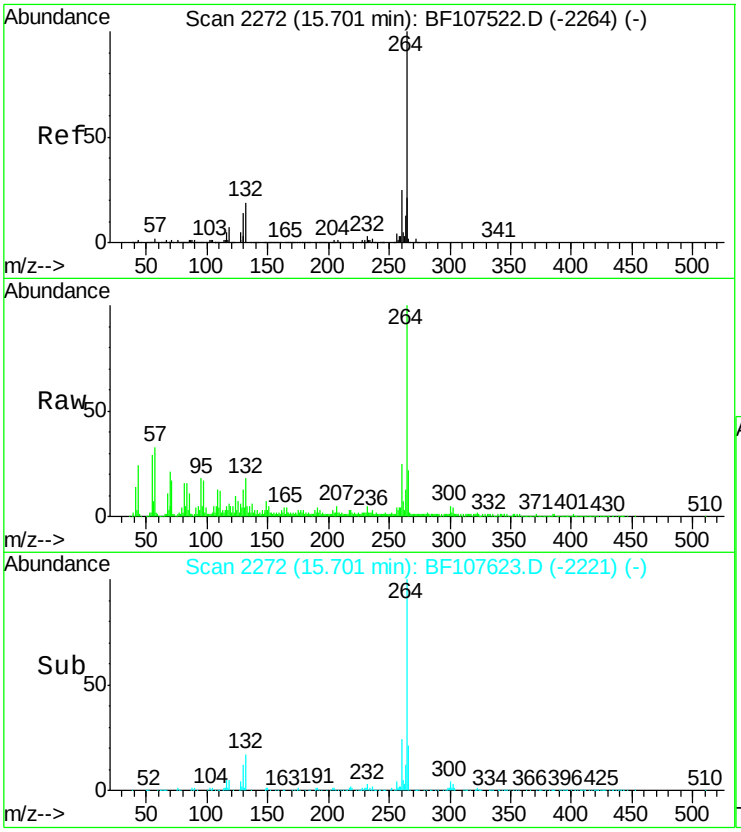


#85
Indeno(1,2,3-cd)pyrene
Concen: 11.383 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:276 Resp: 265143

Ion	Ratio	Lower	Upper
276	100		
138	20.3	25.0	37.6#
277	24.5	20.1	30.1



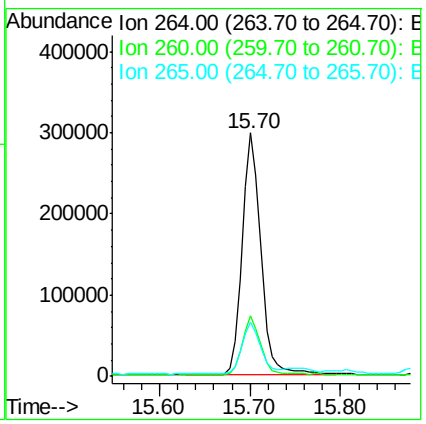


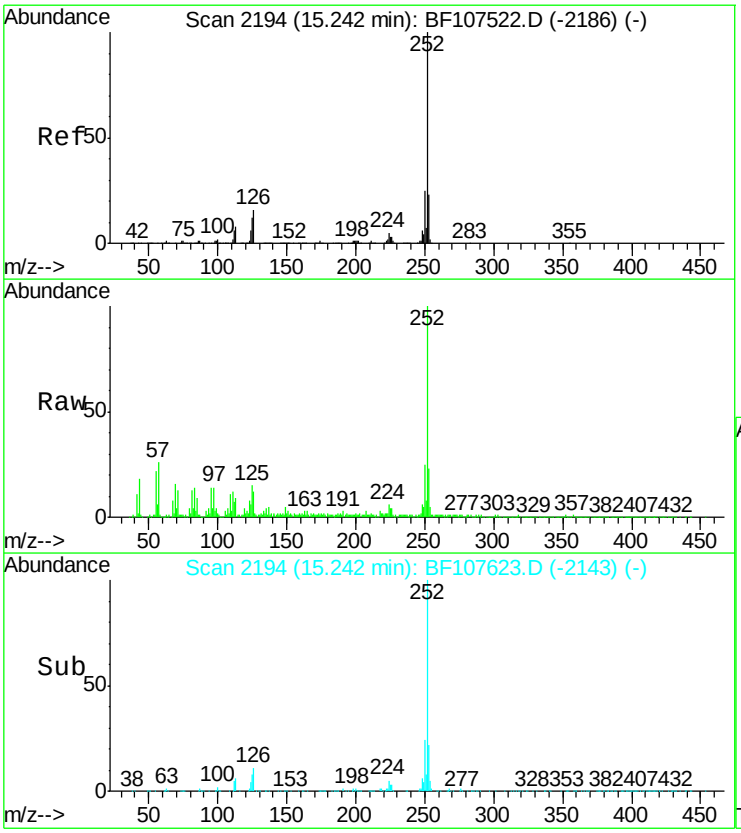
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:264 Resp: 432652

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.2	17.5	26.3

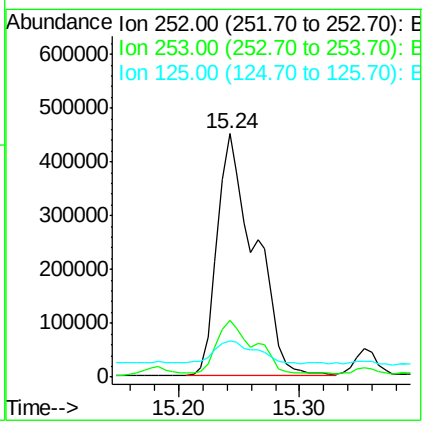


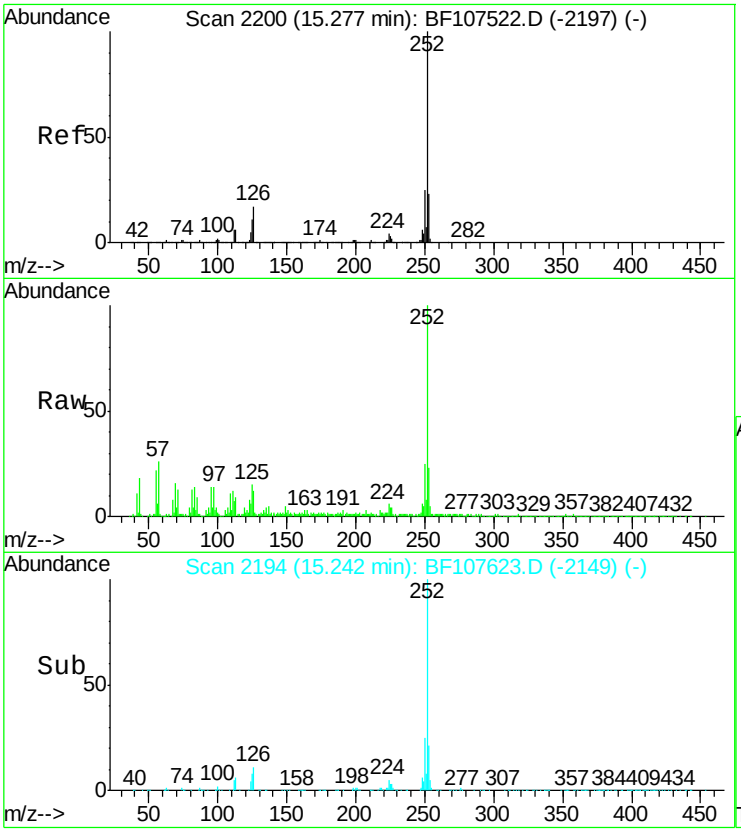


#87
Benzo(b)fluoranthene
Concen: 41.144 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:252 Resp: 974222

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	14.8	9.0	13.6#



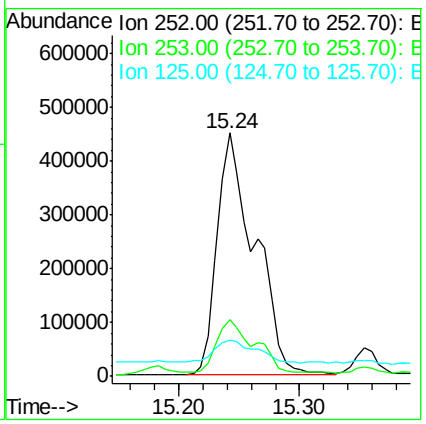


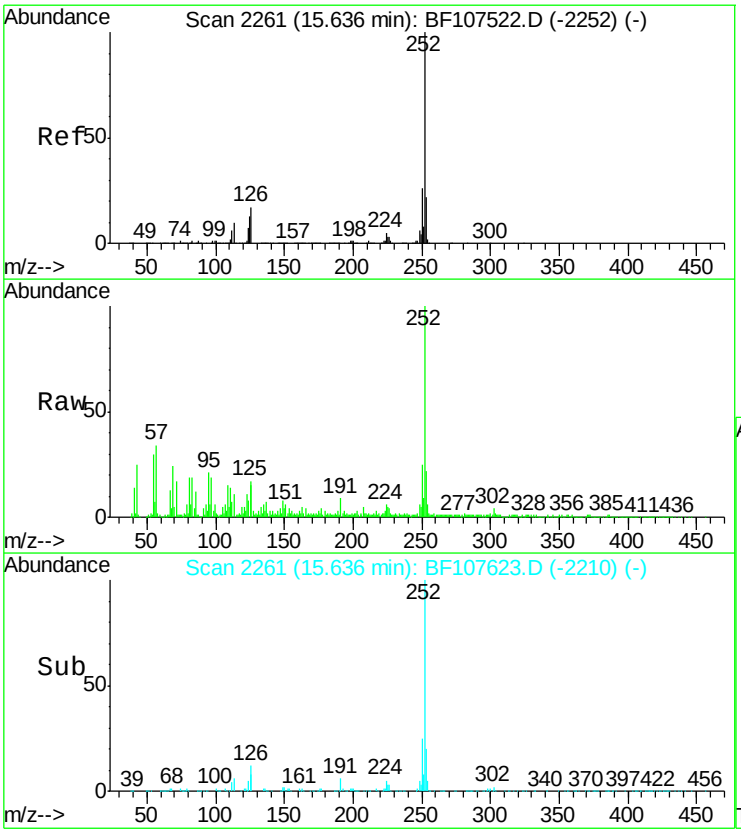
#88
Benzo(k)fluoranthene
Concen: 41.995 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.04 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:252 Resp: 974222

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	14.8	10.2	15.2

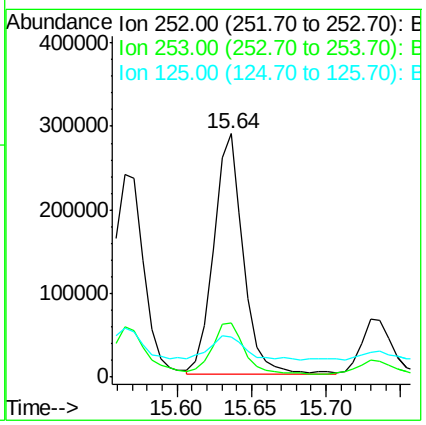


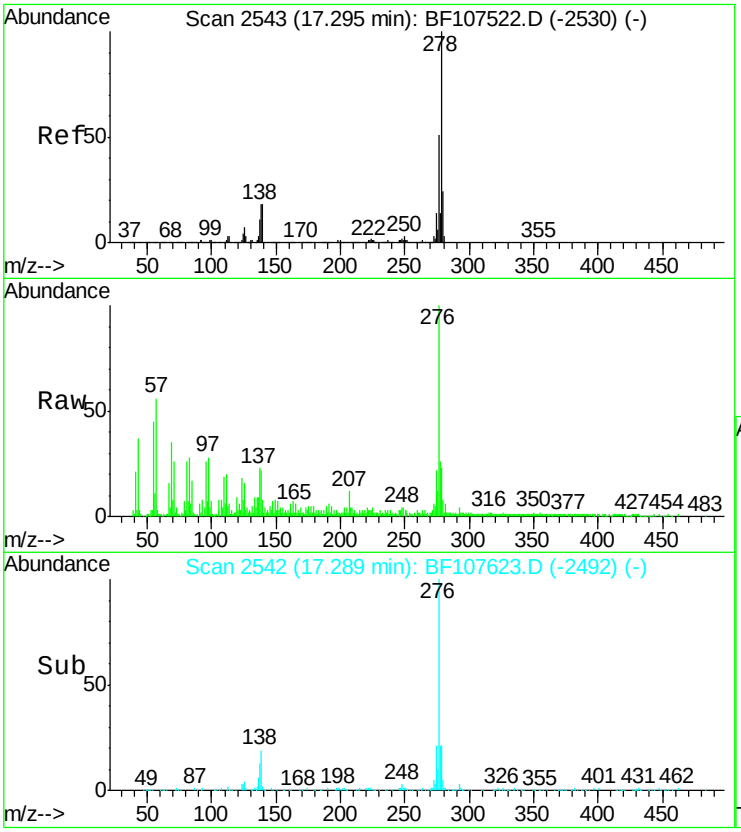


#89
Benzo(a)pyrene
Concen: 18.534 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:252 Resp: 401432

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	16.6	9.8	14.6#



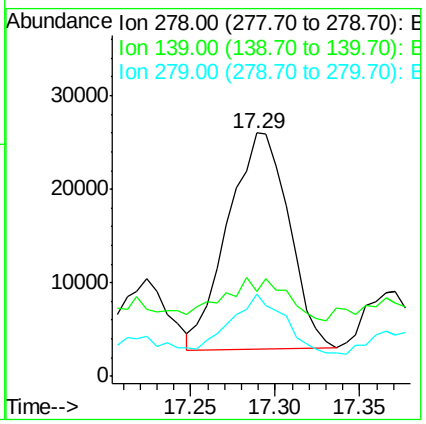


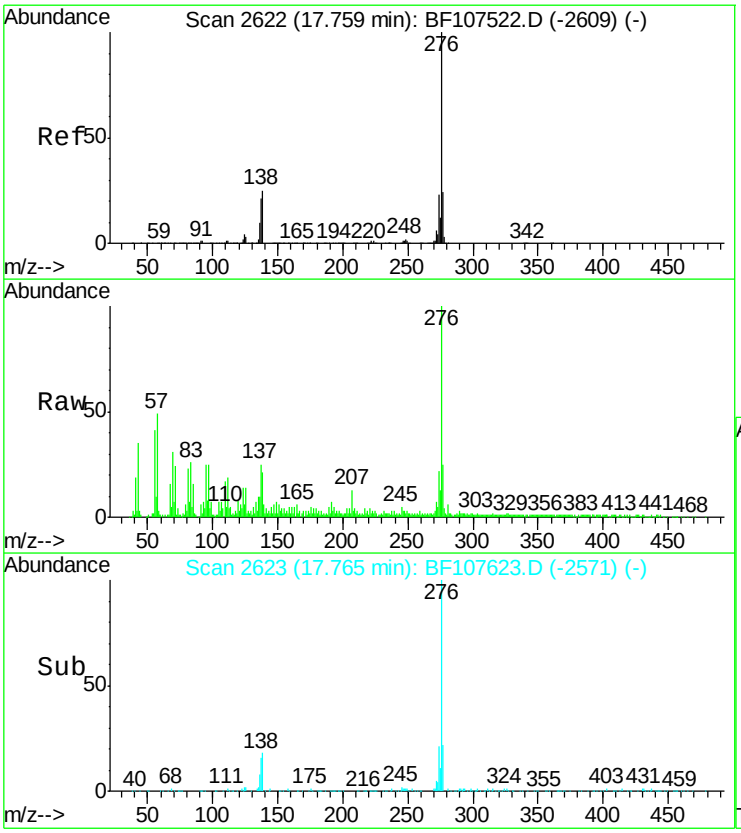
#90
Dibenzo(a,h)anthracene
Concen: 3.090 ng
RT: 17.29 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Instrument :
BNA_F
ClientSampleId :
DW-10

Tgt Ion:278 Resp: 57861

Ion	Ratio	Lower	Upper
278	100		
139	34.8	15.9	23.9#
279	33.9	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 14.721 ng
RT: 17.77 min Scan# 2623
Delta R.T. 0.01 min
Lab File: BF107623.D
Acq: 24 Jul 2018 17:11

Tgt Ion:276 Resp: 271875

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	21.4	21.8	32.8#