Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
Data File : BF107618.D
Acq On : 24 Jul 2018 14:57
Operator : JU/SJ
Sample : J4096-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-5

Quant Time: Jul 25 01:01:42 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	261581	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	1044995	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	443951	20.00	ng		-0.01
63) Phenanthrene-d10	11.51	188	781087	20.00	ng		0.00
75) Chrysene-d12	14.16	240	494156	20.00	ng		0.00
86) Perylene-d12	15.71	264	539587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	722463	44.41	ng		-0.01
7) Phenol-d6	6.60	99	949967	48.63	ng		-0.01
23) Nitrobenzene-d5	7.53	82	567632	36.66	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	229907	45.54	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1034197	32.37	ng		-0.02
78) Terphenyl-d14	13.09	244	758135	39.28	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.55	77	650	Below Cal		#	45
19) n-Nitroso-di-n-propylamine	7.53	70	75962	6.019	ng	#	78
25) Isophorone	7.53	82	563001	17.029	ng	#	64
32) Benzoic acid	8.02	122	1268	8.007	ng		86
37) 2-Methylnaphthalene	8.96	142	69958	2.197	ng		98
49) Dimethylphthalate	9.71	163	77205	2.307	ng	#	96
51) Acenaphthene	10.04	154	78452	2.820	ng		98
53) 2,4-Dinitrophenol	10.21	184	133	8.338	ng	#	1
57) Fluorene	10.56	166	140140	4.796	ng	#	91
64) 4,6-Dinitro-2-methylphenol	10.64	198	264	8.738	ng	#	1
70) Phenanthrene	11.53	178	1406928	36.964	ng		99
71) Anthracene	11.58	178	210751	5.499	ng		97
72) Carbazole	11.74	167	236650	5.938	ng		99
73) Di-n-butylphthalate	12.05	149	14135	Below Cal		#	67
74) Fluoranthene	12.73	202	2550896	62.455	ng		96
77) Pyrene	12.96	202	1933827	57.212	ng		98
80) Benzo(a)anthracene	14.15	228	576502	19.908	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	417	Below Cal		#	1
82) Chrysene	14.19	228	1059188	38.076	ng		97
83) Bis(2-ethylhexyl)phthalate	14.11	149	754098	36.767	ng		99
85) Indeno(1,2,3-cd)pyrene	17.29	276	504730	21.408	ng	#	89
87) Benzo(b)fluoranthene	15.25	252	1725731	58.438	ng	#	93
88) Benzo(k)fluoranthene	15.25	252	1725731	59.647	ng	#	96
89) Benzo(a)pyrene	15.64	252	604651	22.384	ng	#	91
90) Dibenzo(a,h)anthracene	17.29	278	99753	4.272	ng	#	79
91) Benzo(g,h,i)perylene	17.77	276	495325	21.505	ng		93

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

Quantitation Report (Not Reviewed)

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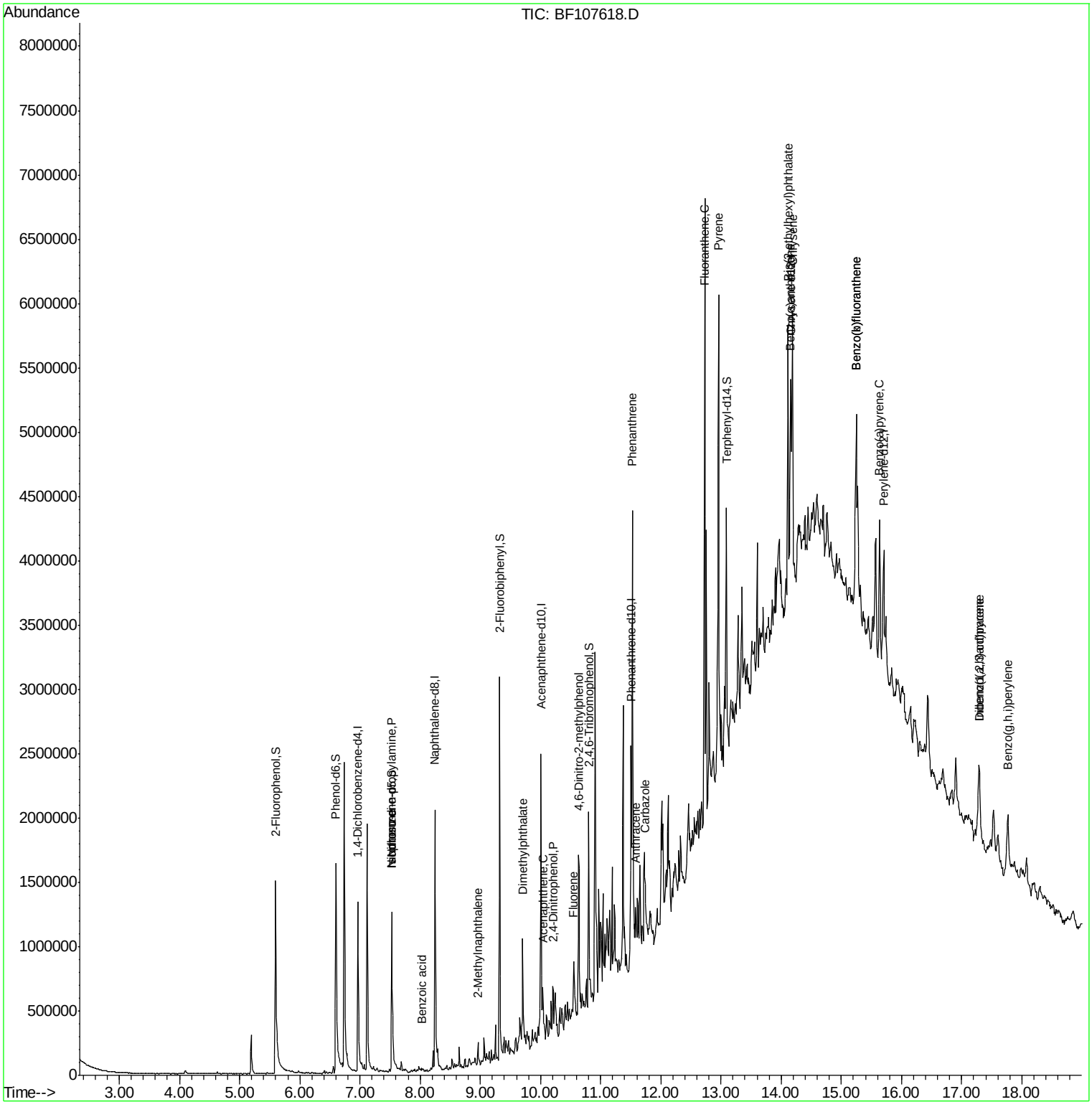
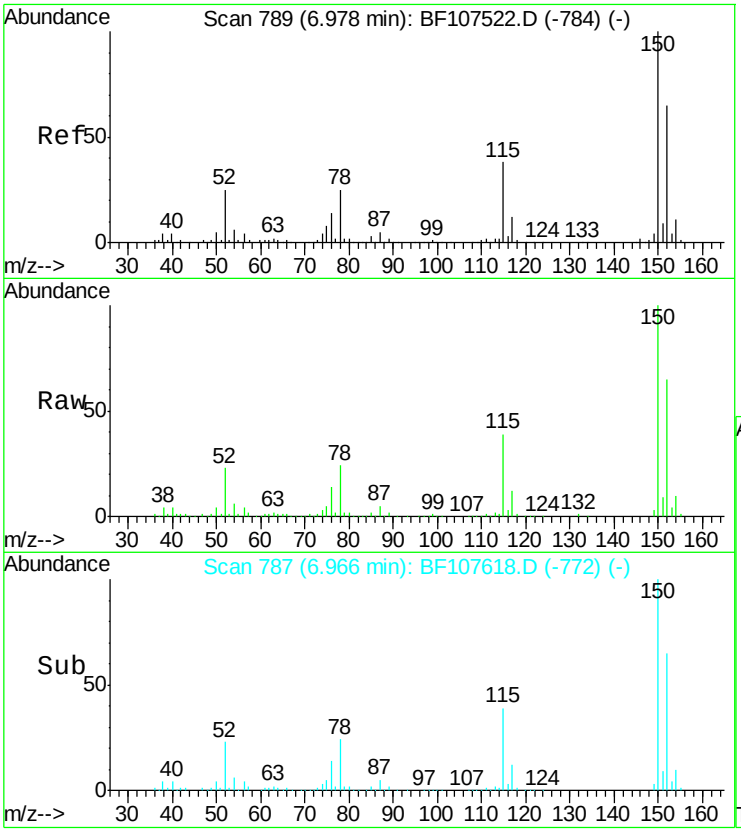
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



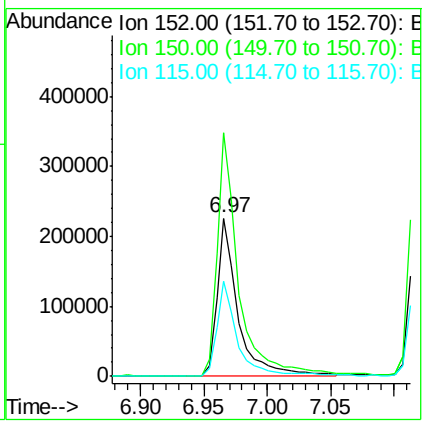


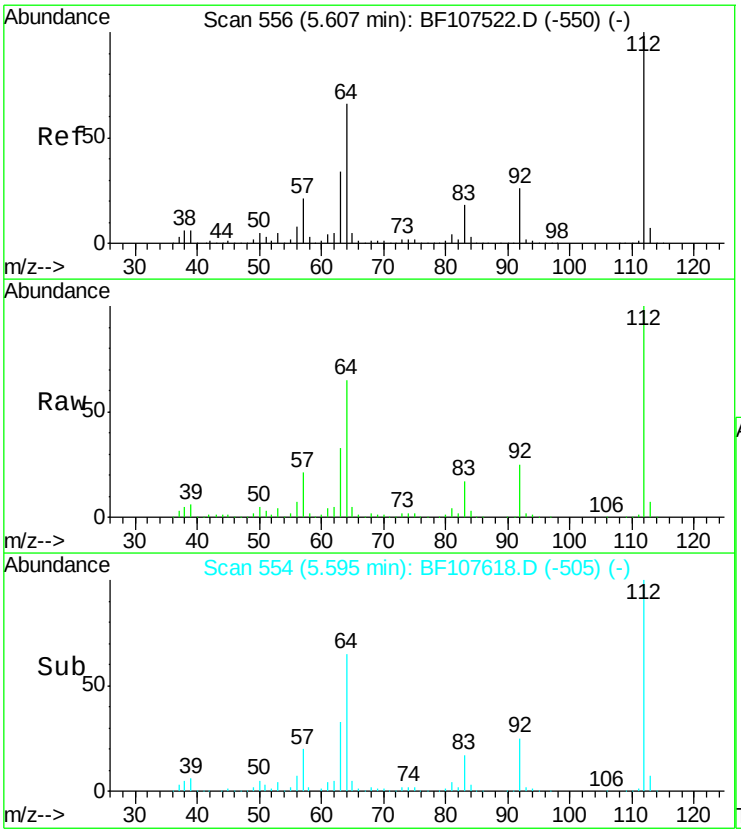
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:152 Resp: 261581

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	60.3	50.1	75.1

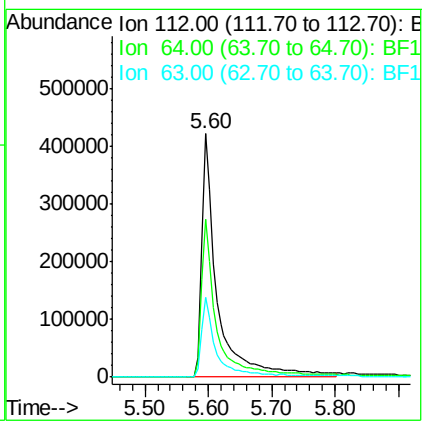


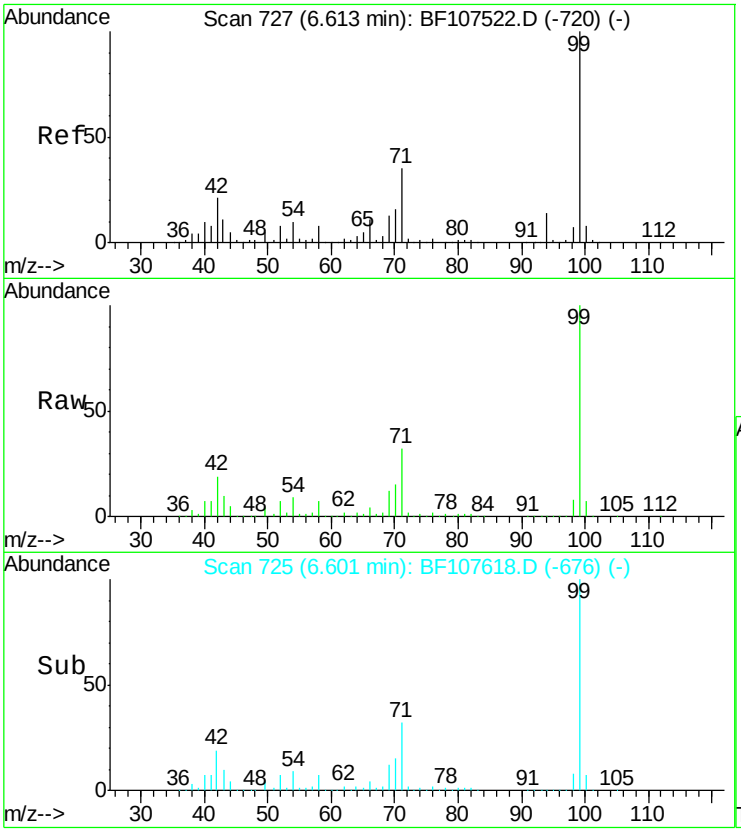


#5
2-Fluorophenol
Concen: 44.406 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:112 Resp: 722463

Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	33.0	23.7	35.5



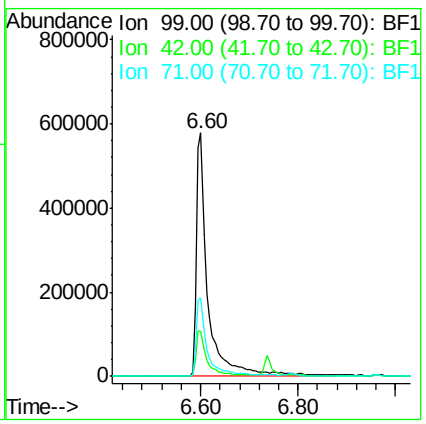


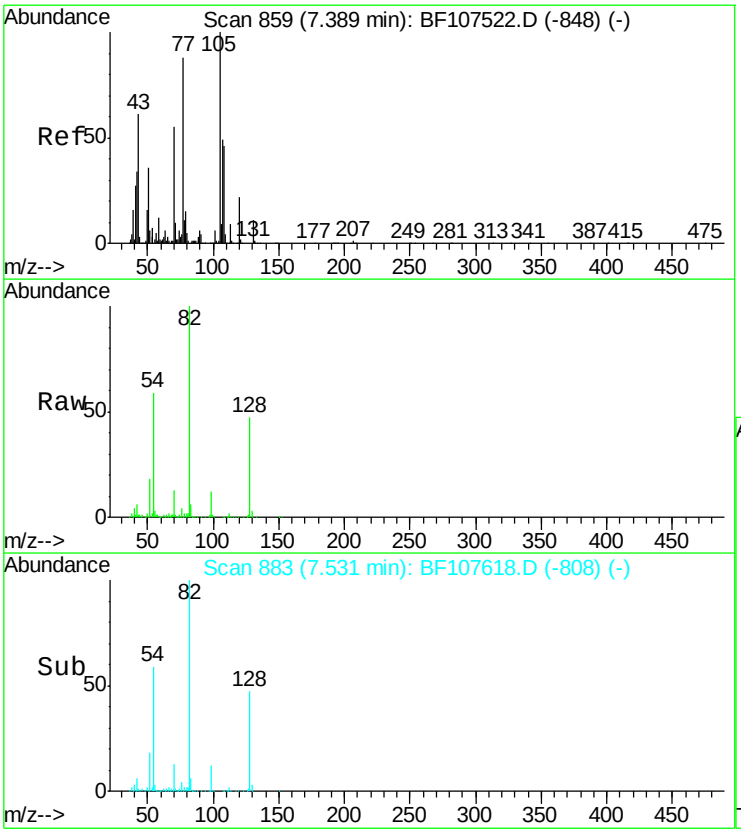
#7
Phenol-d6
Concen: 48.628 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion: 99 Resp: 949967

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	32.4	25.4	38.0

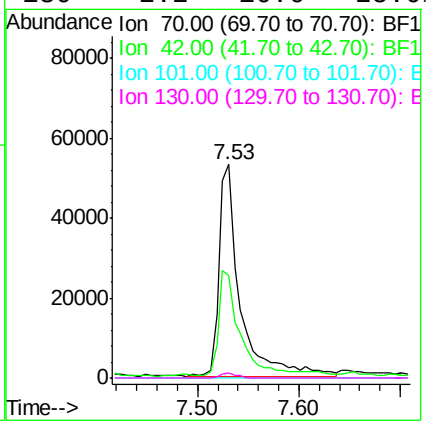


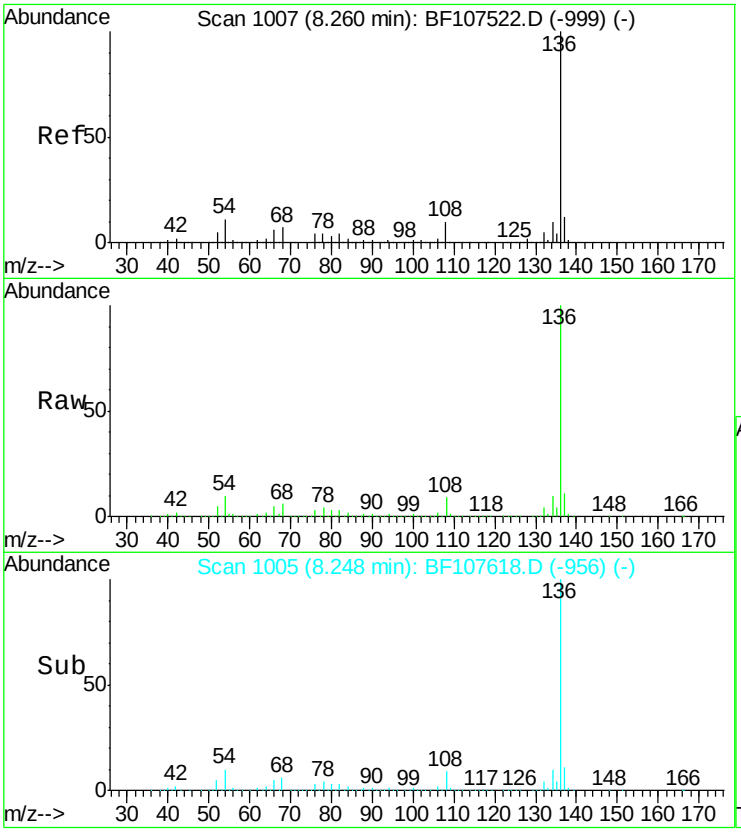


#19
n-Nitroso-di-n-propylamine
Concen: 6.019 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion: 70 Resp: 75962

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



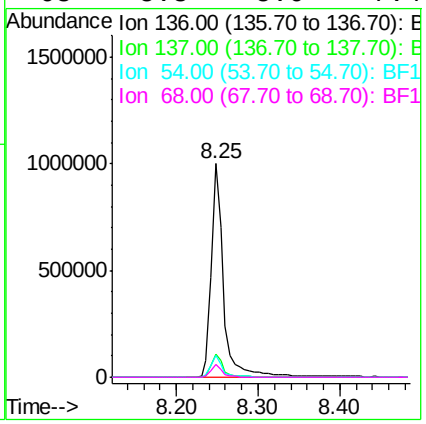


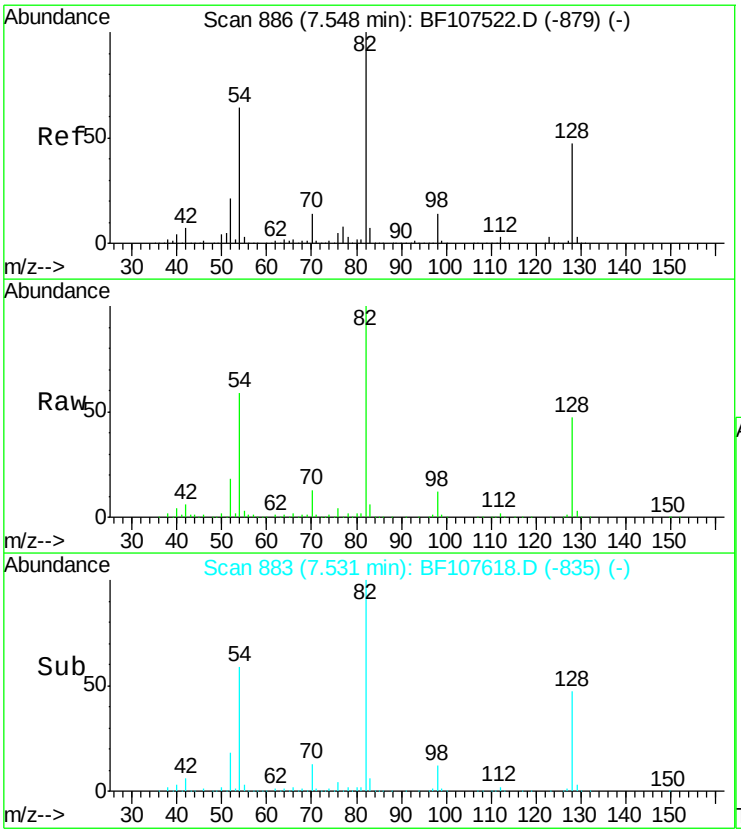
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:136 Resp: 1044995

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.1	6.6	9.8#
68	5.8	5.0	7.4

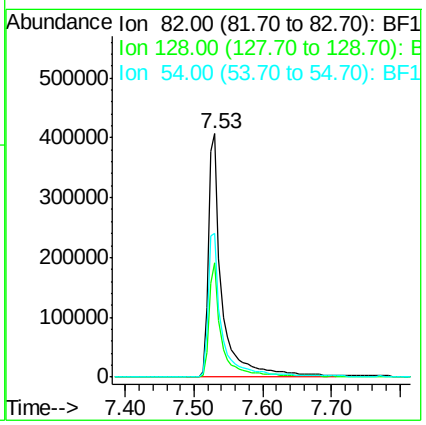


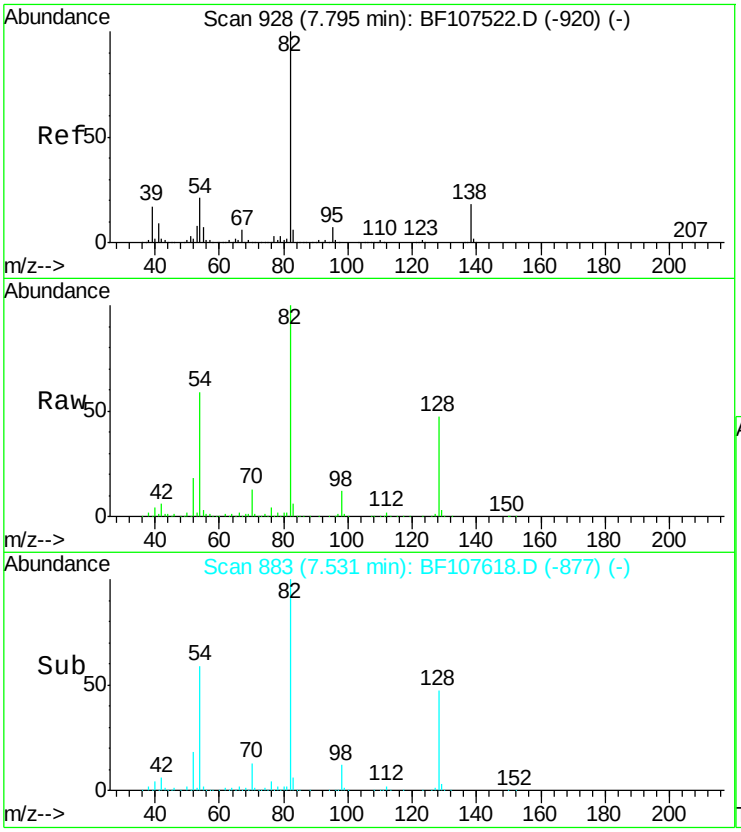


#23
Nitrobenzene-d5
Concen: 36.659 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion: 82 Resp: 567632

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	59.2	41.4	62.2



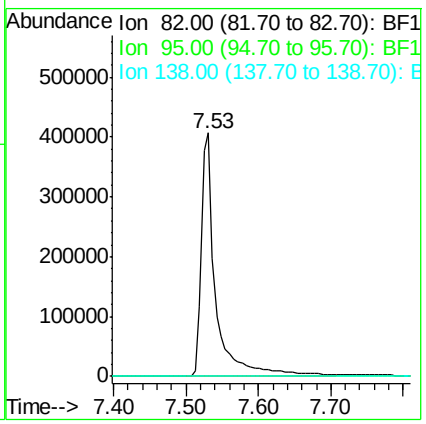


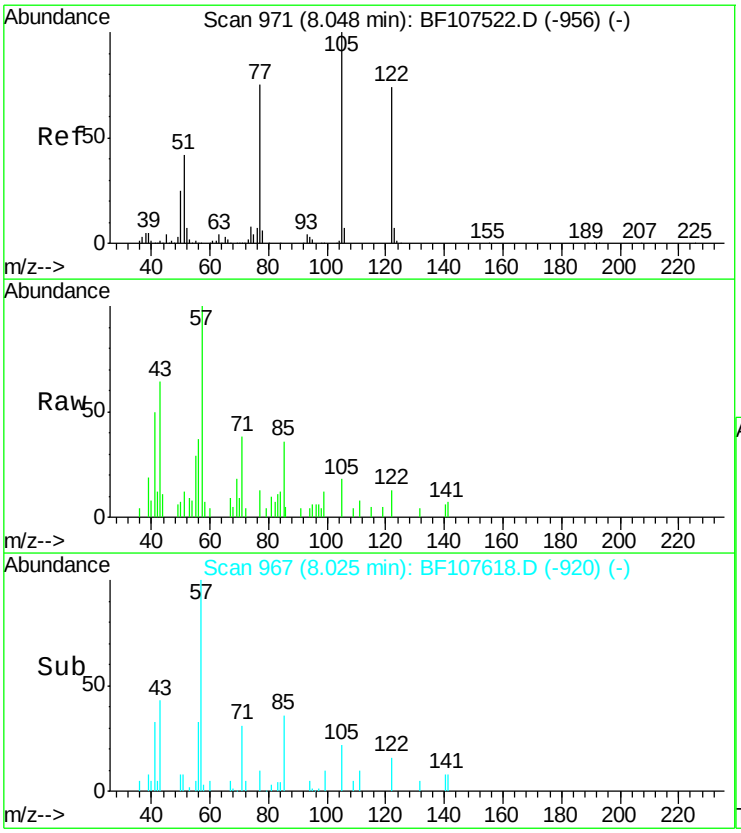
#25
Isophorone
Concen: 17.029 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion: 82 Resp: 563001

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

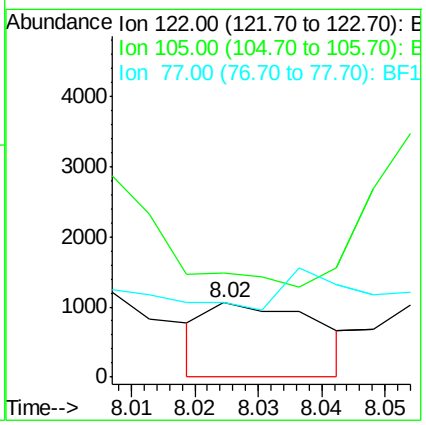


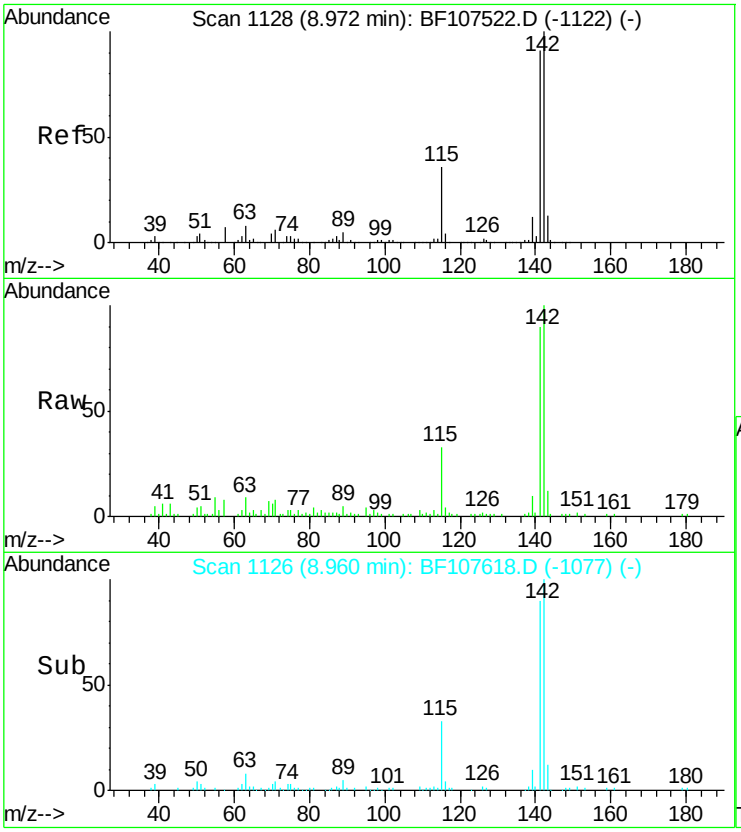


#32
Benzoic acid
Concen: 8.007 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:122 Resp: 1268

Ion	Ratio	Lower	Upper
122	100		
105	139.8	101.1	141.1
77	100.9	70.7	110.7



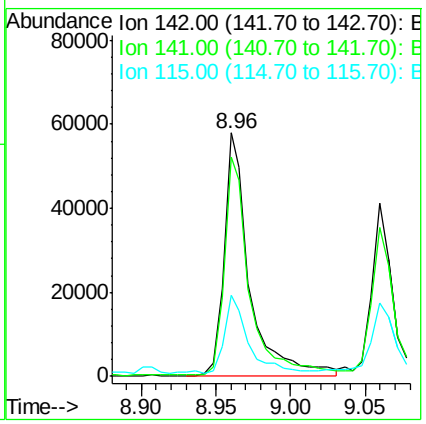


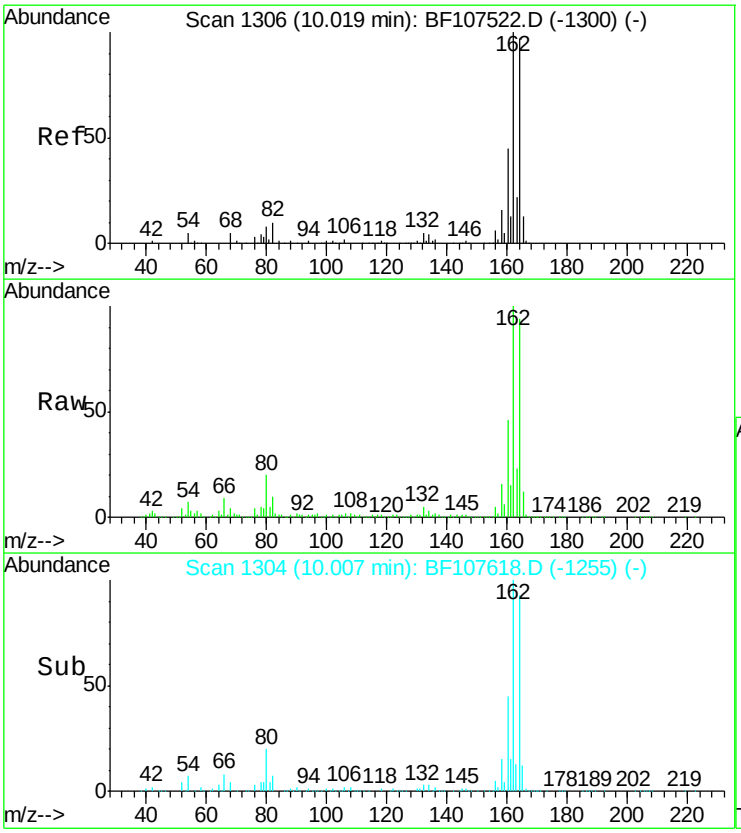
#37
2-Methylnaphthalene
Concen: 2.197 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:142 Resp: 69958

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	33.2	26.1	39.1

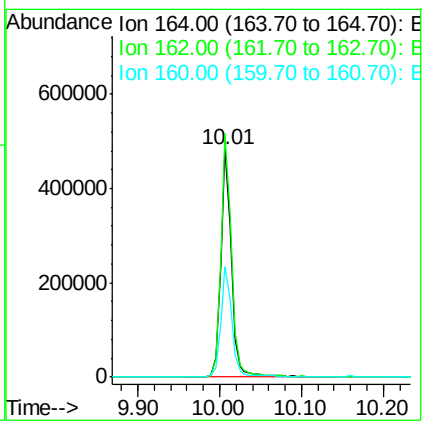


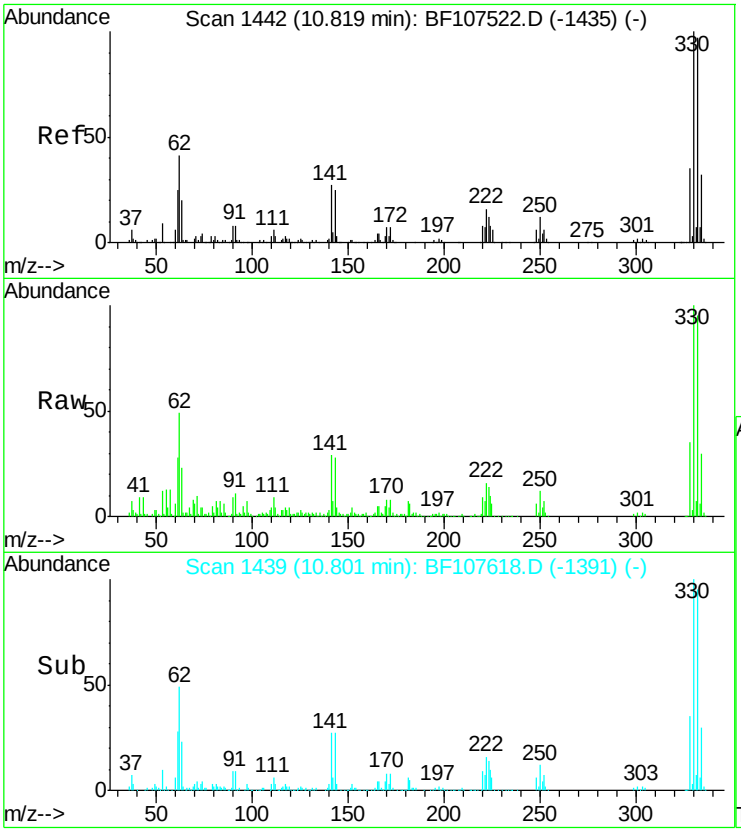


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:164 Resp: 443951

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	48.8	38.3	57.5



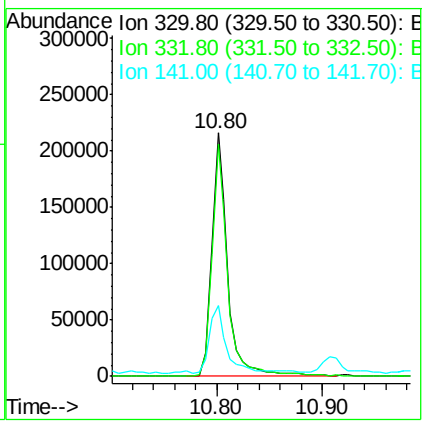


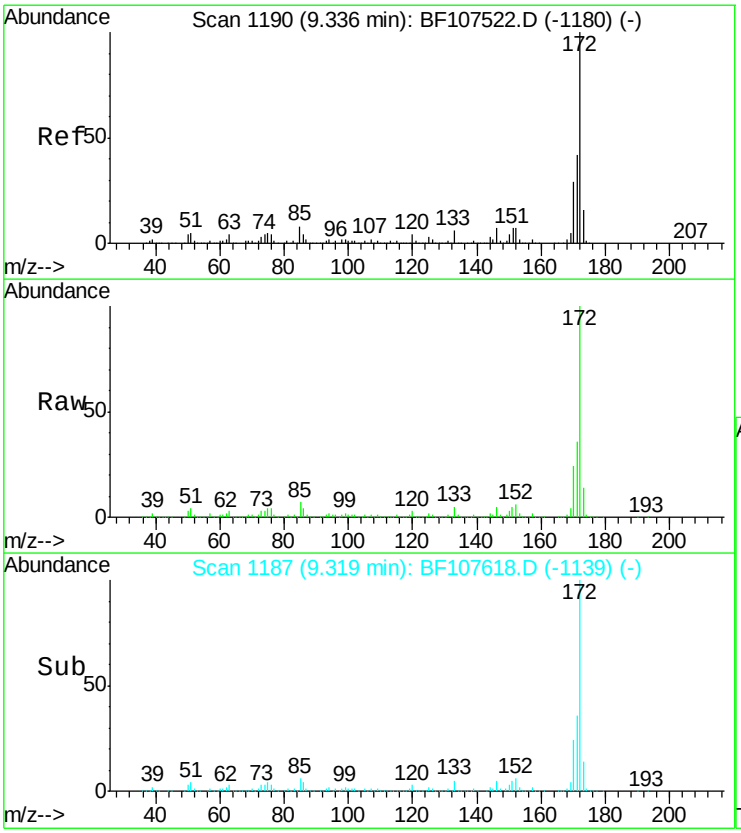
#41
2,4,6-Tribromophenol
Concen: 45.540 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:330 Resp: 229907

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	31.6	29.9	44.9

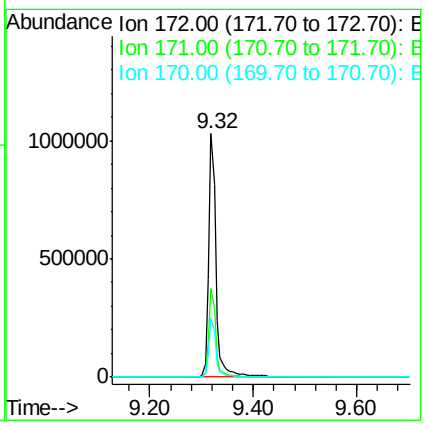


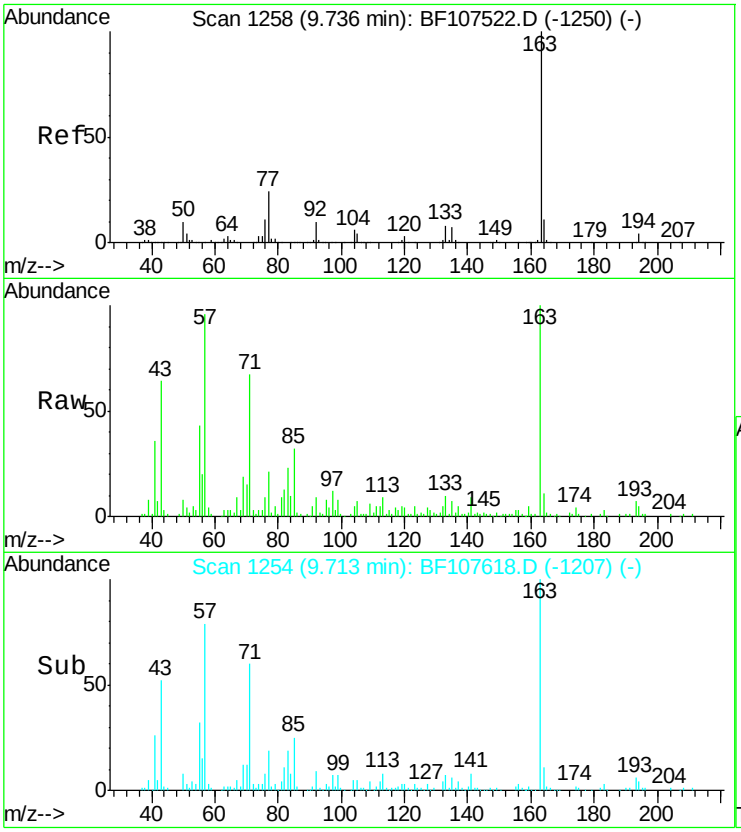


#44
2-Fluorobiphenyl
Concen: 32.371 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:172 Resp: 1034197

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



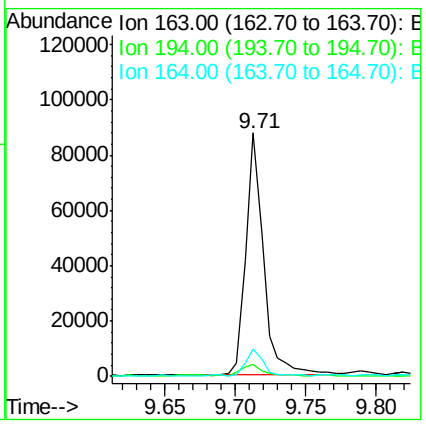


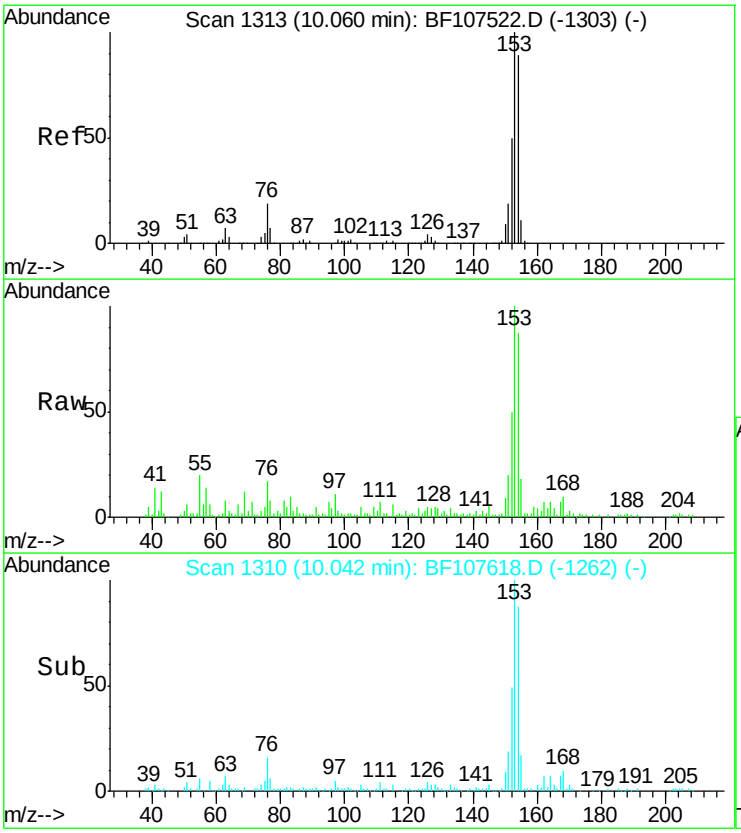
#49
Dimethylphthalate
Concen: 2.307 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:163 Resp: 77205

Ion	Ratio	Lower	Upper
163	100		
194	5.2	2.7	4.1#
164	11.4	8.2	12.2

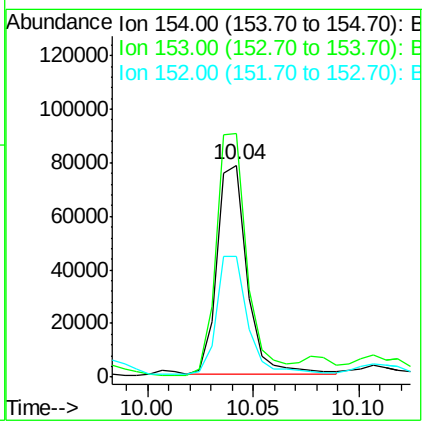


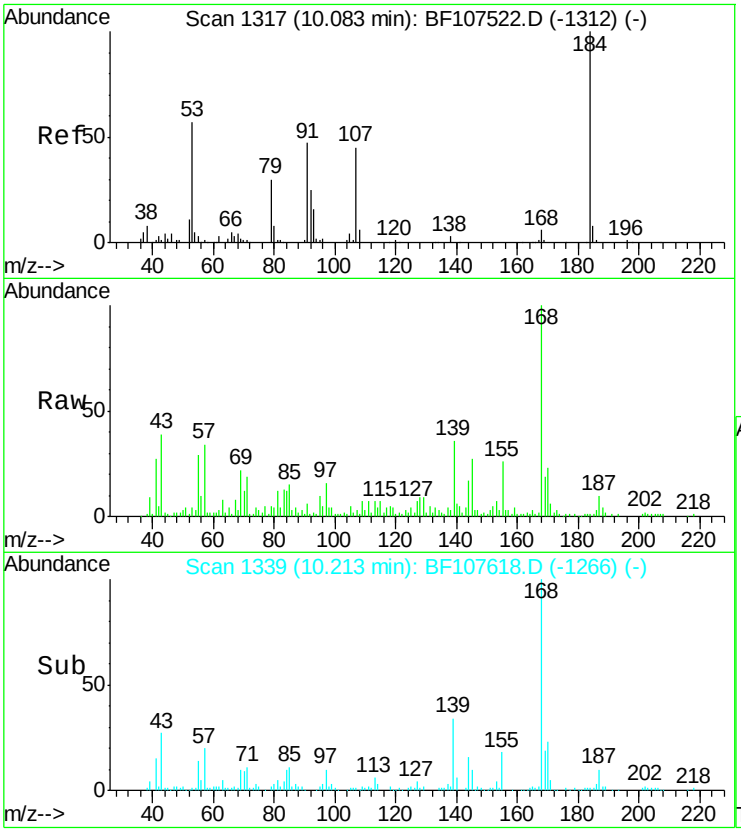


#51
Acenaphthene
Concen: 2.820 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:154 Resp: 78452

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.2	136.8
152	57.0	43.8	65.8



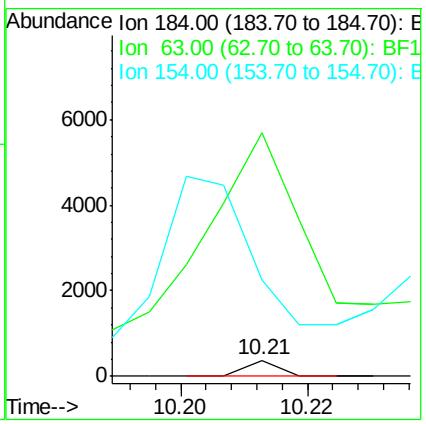


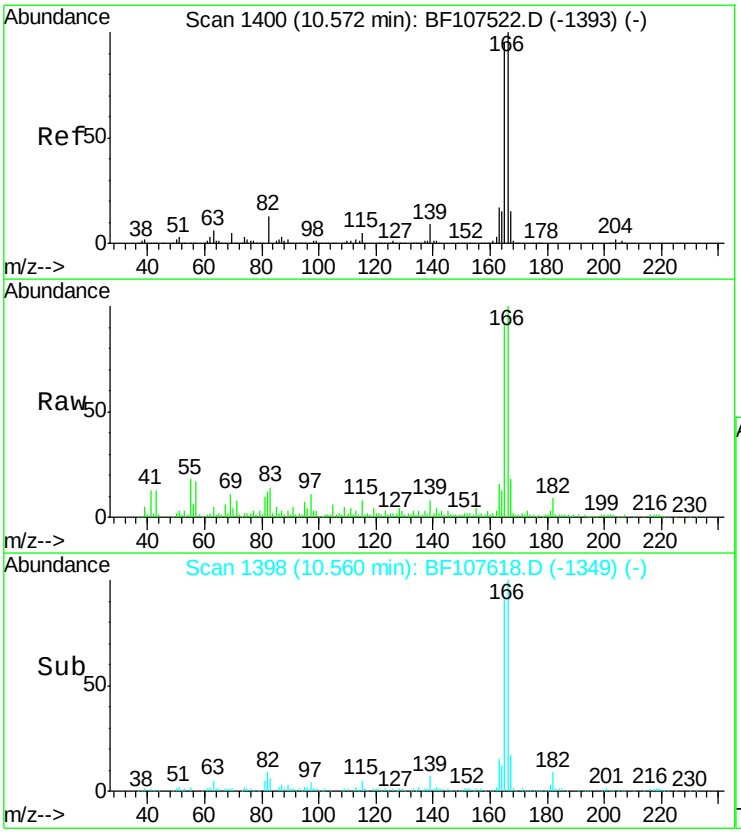
#53
2,4-Dinitrophenol
Concen: 8.338 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.13 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:184 Resp: 133

Ion	Ratio	Lower	Upper
184	100		
63	1505.6	54.2	81.2#
154	596.3	184.0	276.0#

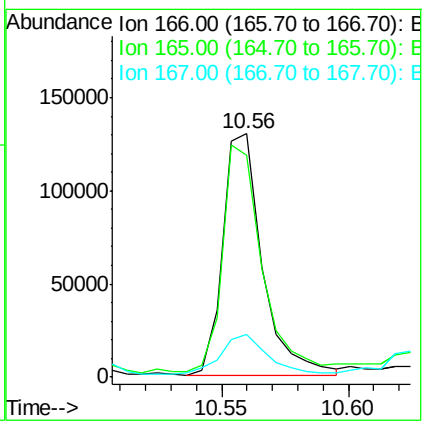


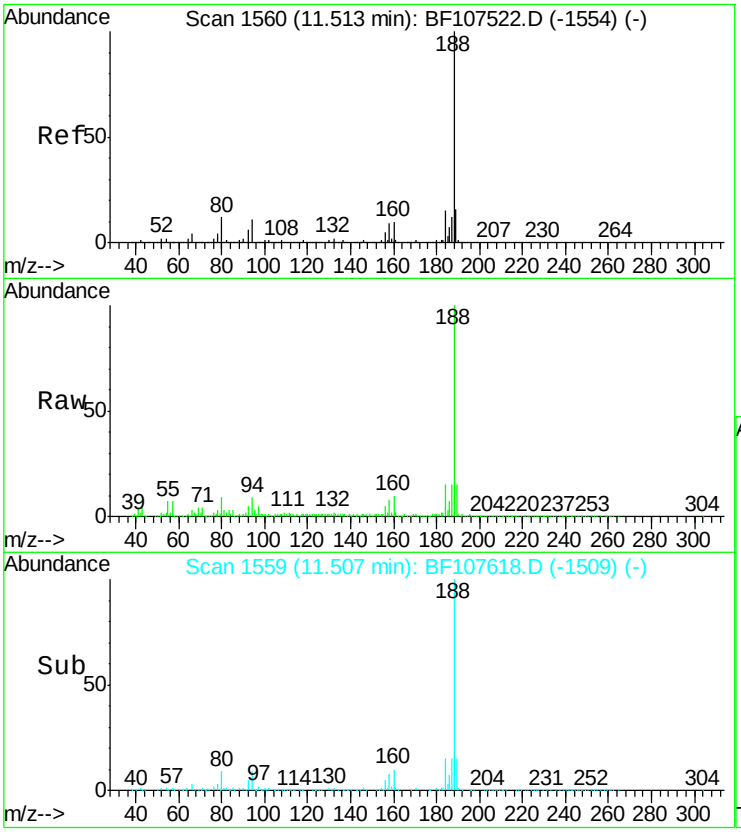


#57
Fluorene
Concen: 4.796 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:166 Resp: 140140

Ion	Ratio	Lower	Upper
166	100		
165	91.2	79.8	119.8
167	17.7	10.6	16.0#



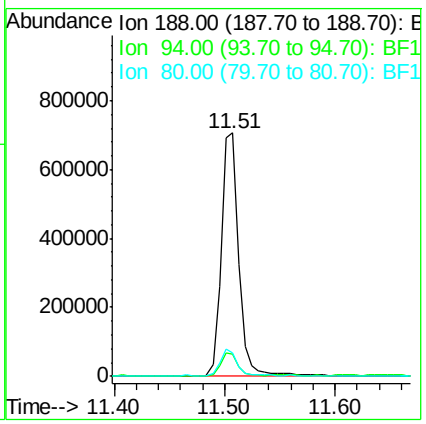


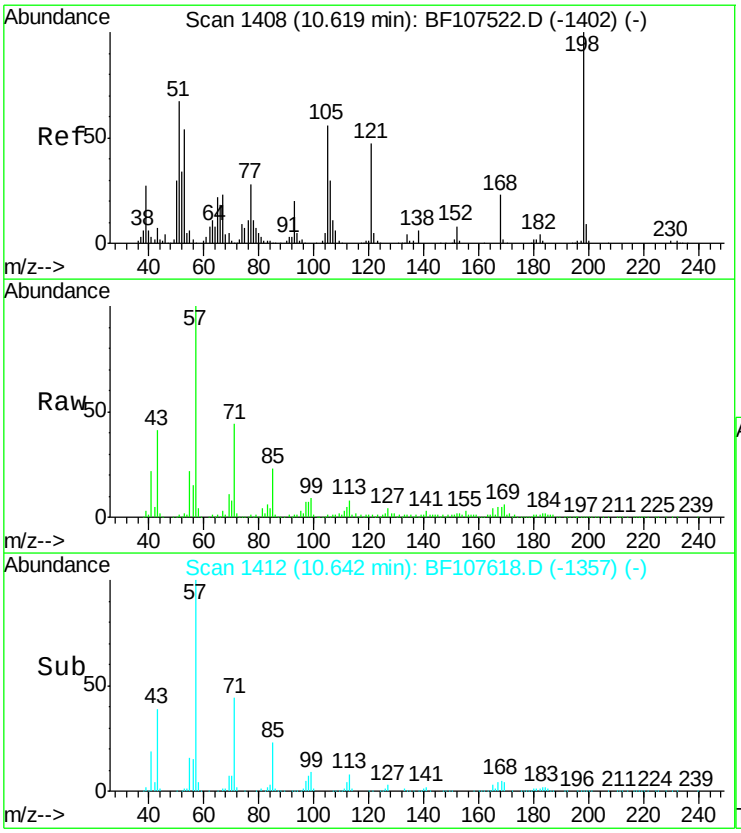
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:188 Resp: 781087

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.4	9.2	13.8

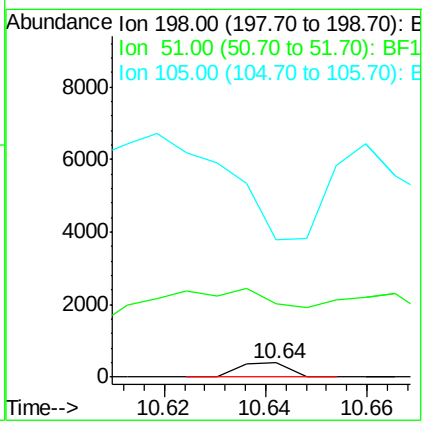


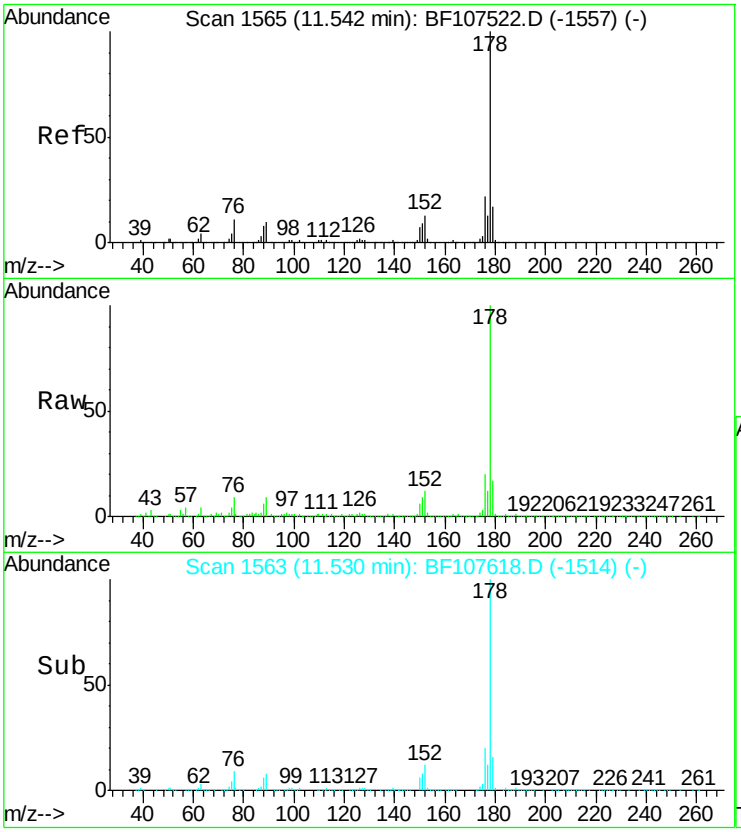


#64
4,6-Dinitro-2-methylphenol
Concen: 8.738 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.02 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:198 Resp: 264

Ion	Ratio	Lower	Upper
198	100		
51	528.6	37.7	77.7#
105	988.1	36.3	76.3#



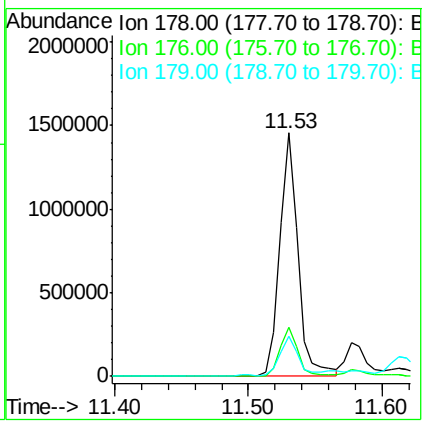


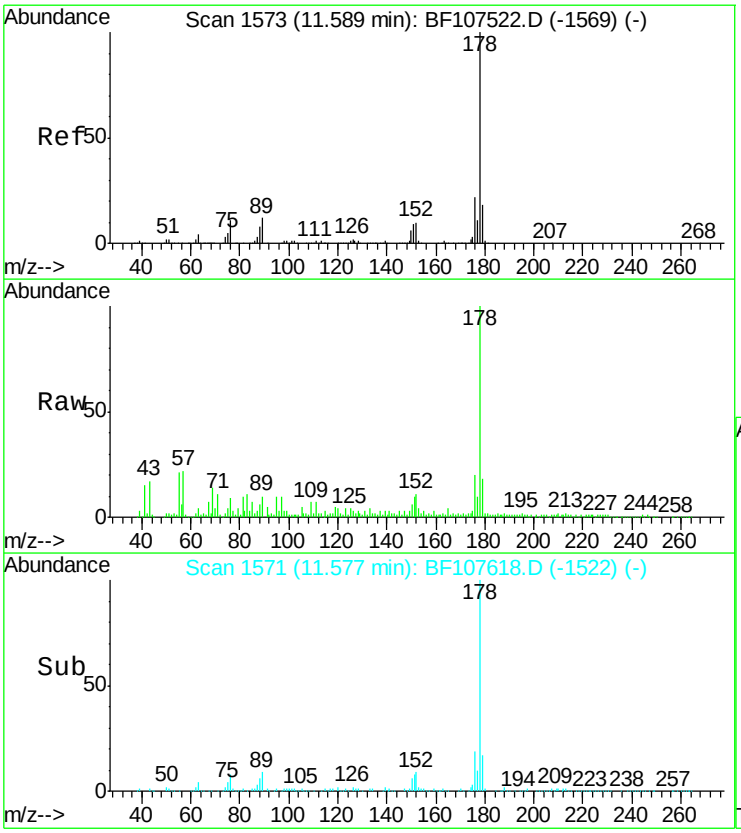
#70
Phenanthrene
Concen: 36.964 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:178 Resp: 1406928

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.5	13.0	19.6

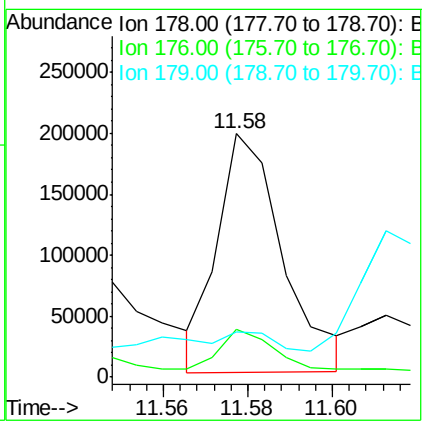


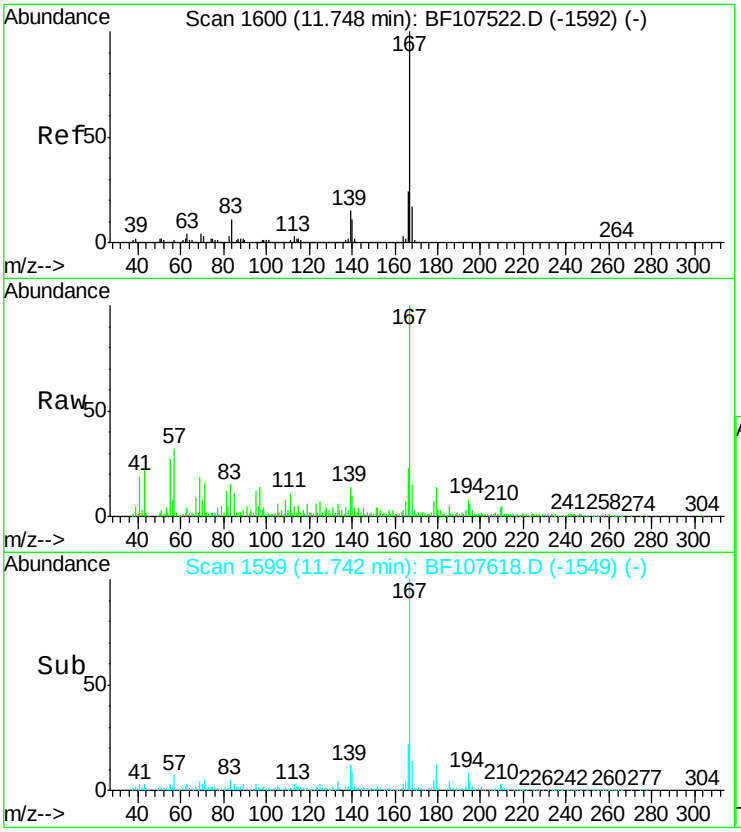


#71
Anthracene
Concen: 5.499 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:178 Resp: 210751

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	18.5	12.6	19.0



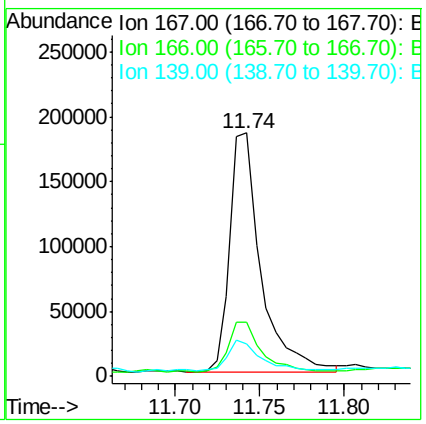


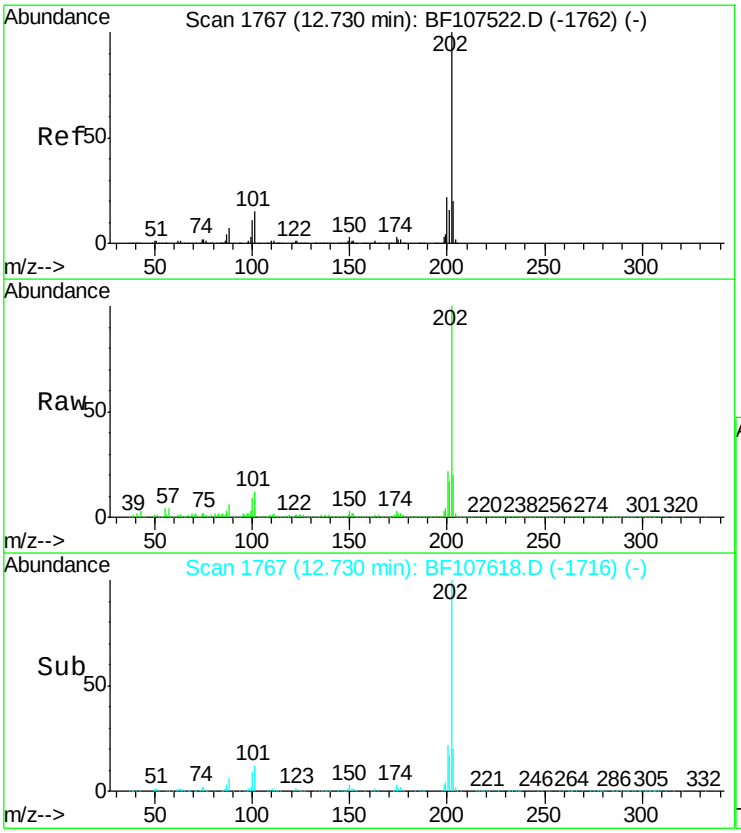
#72
Carbazole
Concen: 5.938 ng
RT: 11.74 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:167 Resp: 236650

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.5	10.9	16.3

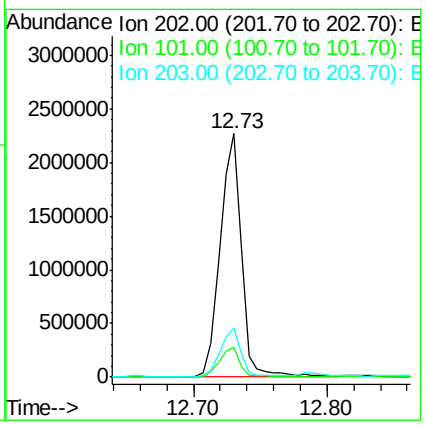


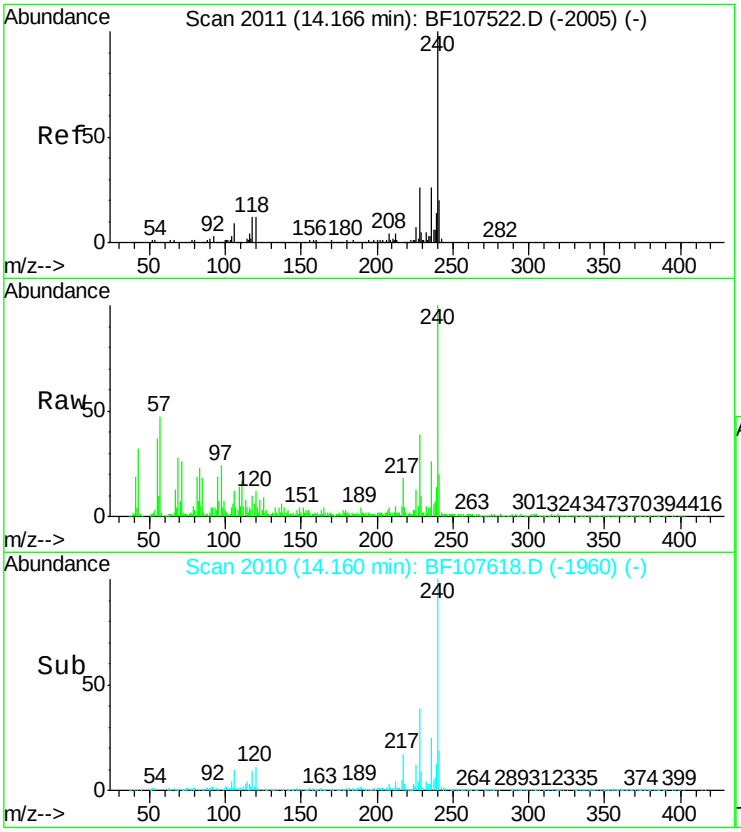


#74
Fluoranthene
Concen: 62.455 ng
RT: 12.73 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:202 Resp: 2550896

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	20.1	0.0	38.1



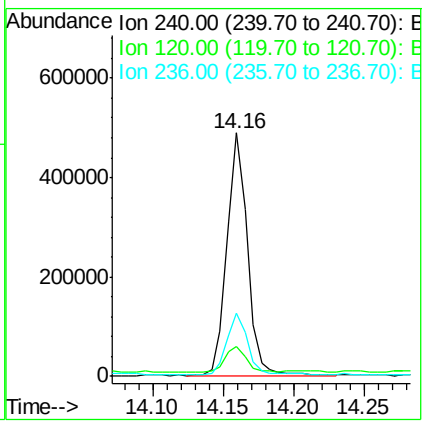


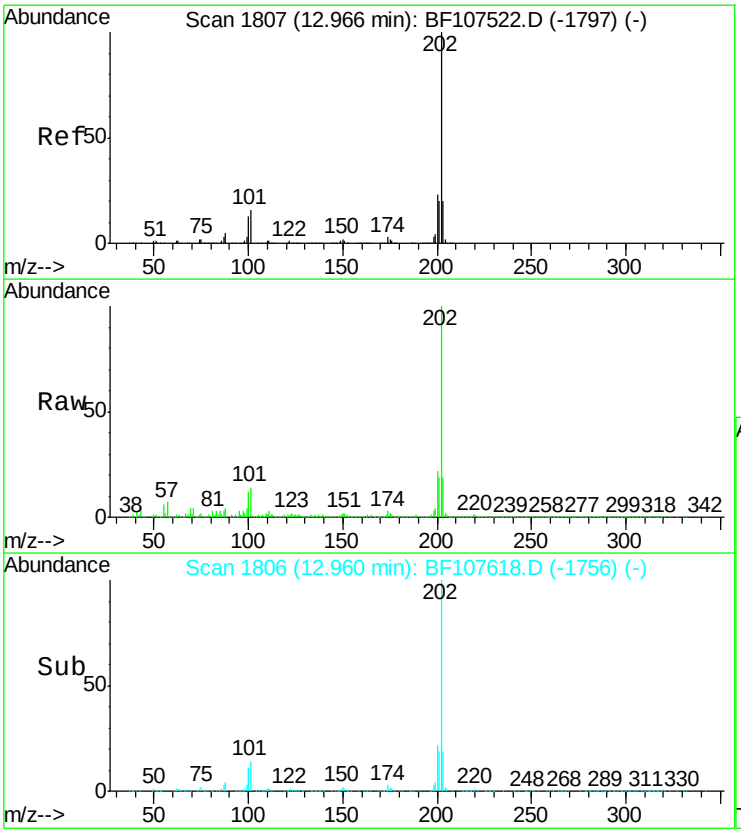
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:240 Resp: 494156

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.9	20.7	31.1

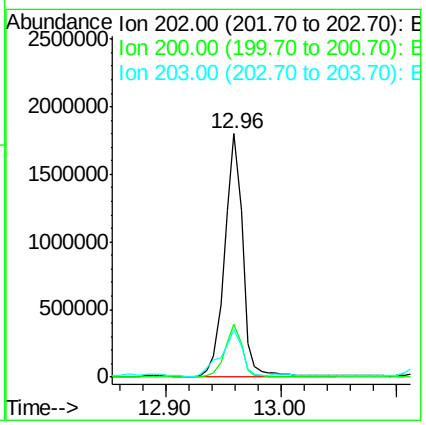


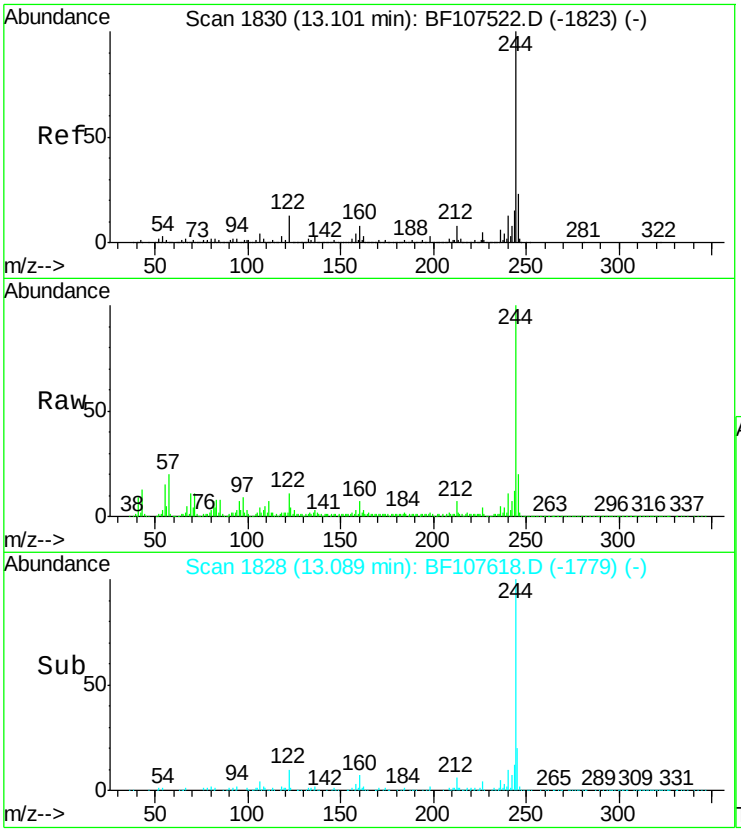


#77
Pyrene
Concen: 57.212 ng
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:202 Resp: 1933827

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	19.5	14.3	21.5



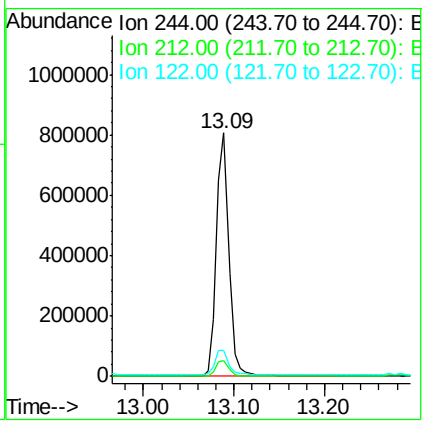


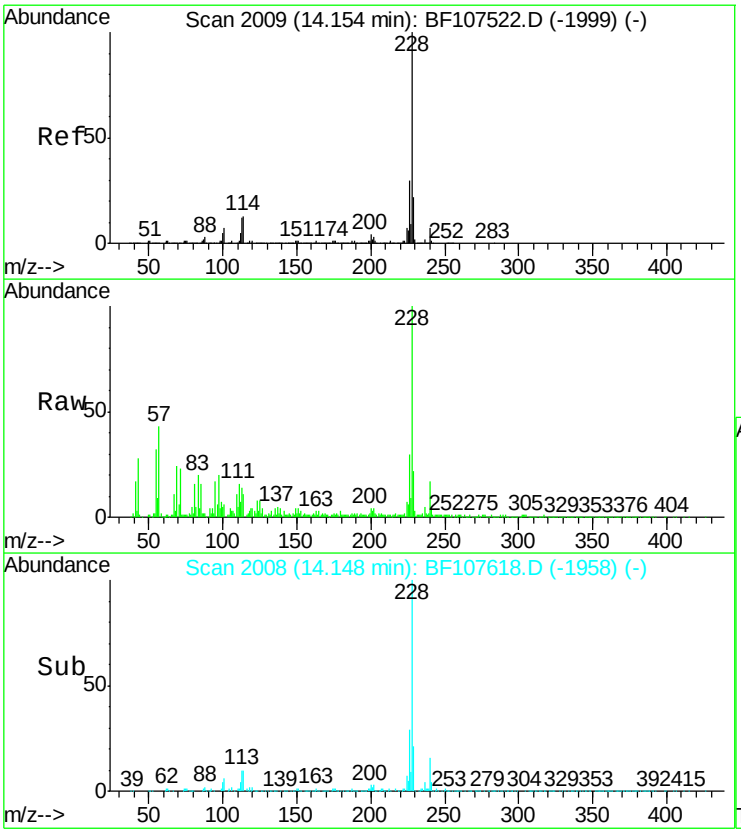
#78
Terphenyl-d14
Concen: 39.277 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:244 Resp: 758135

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.7	11.0	16.4#

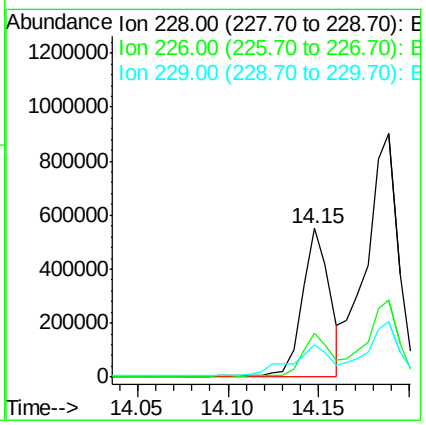


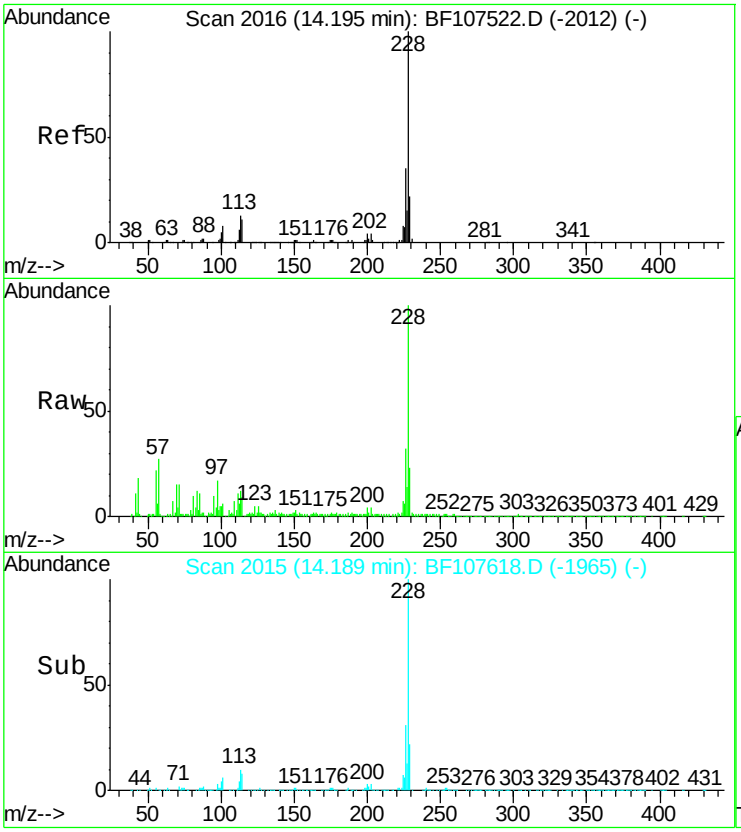


#80
Benzo(a)anthracene
Concen: 19.908 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:228 Resp: 576502

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	21.9	15.8	23.6



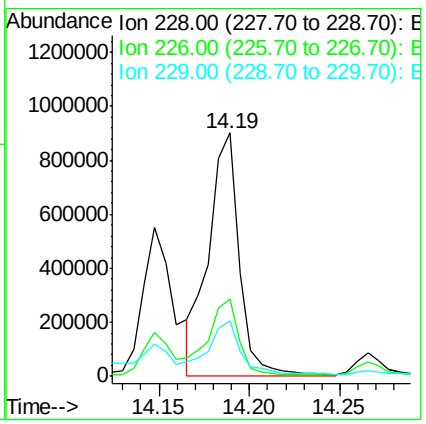


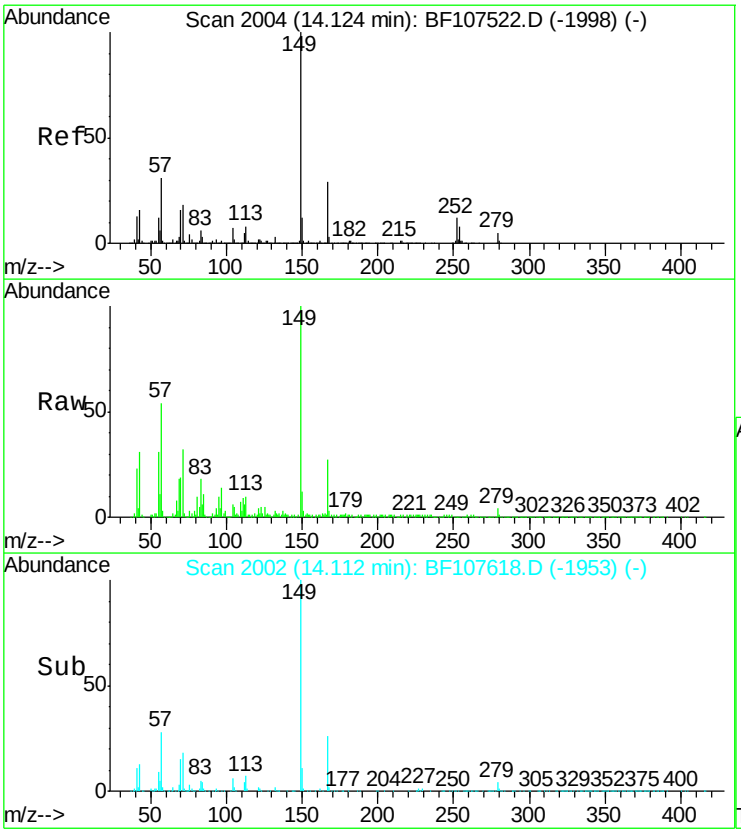
#82
Chrysene
Concen: 38.076 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:228 Resp: 1059188

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	22.9	16.2	24.4

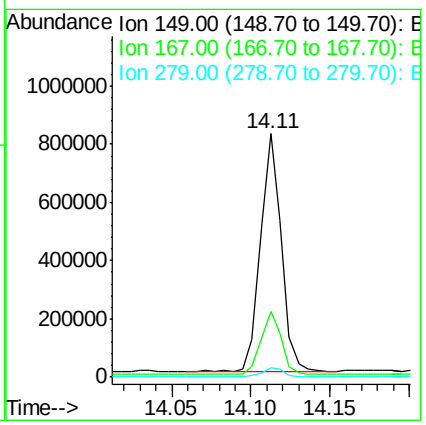


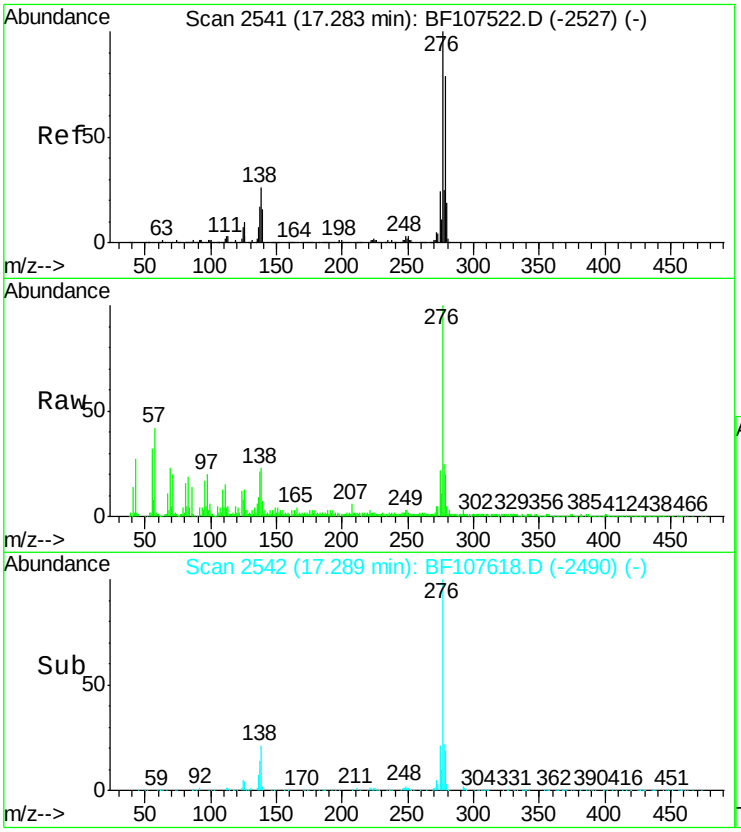


#83
Bis(2-ethylhexyl)phthalate
Concen: 36.767 ng
RT: 14.11 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:149 Resp: 754098

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	4.0	3.0	4.4



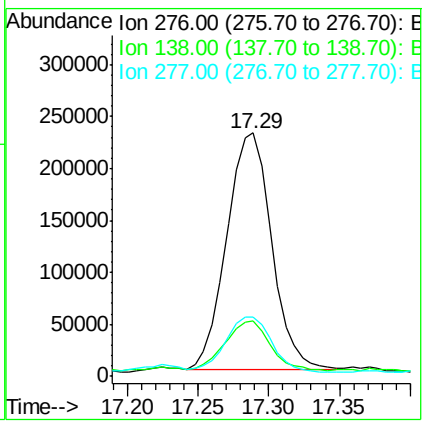


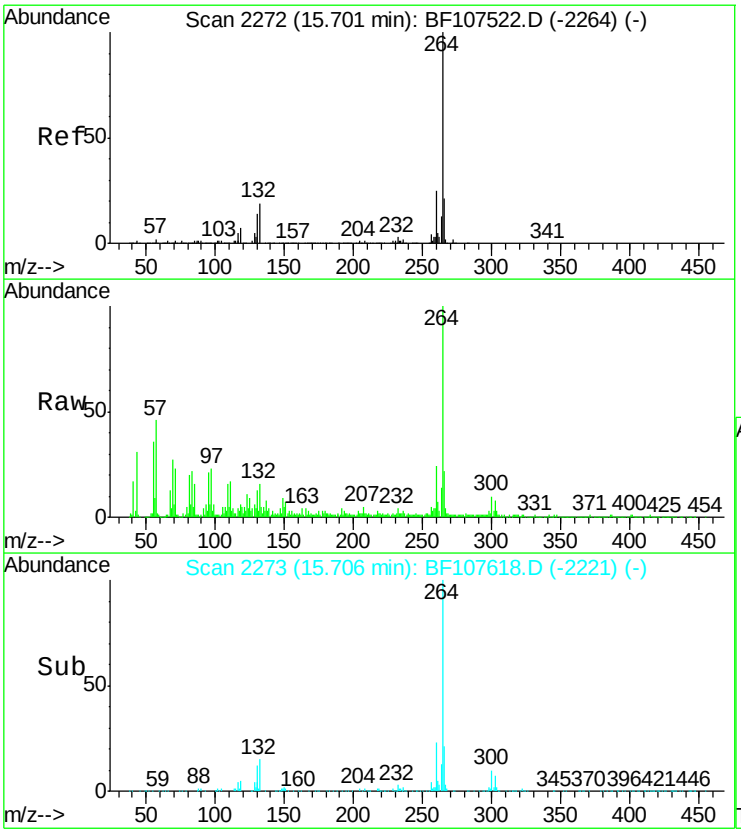
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.408 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:276 Resp: 504730

Ion	Ratio	Lower	Upper
276	100		
138	21.4	25.0	37.6#
277	23.8	20.1	30.1

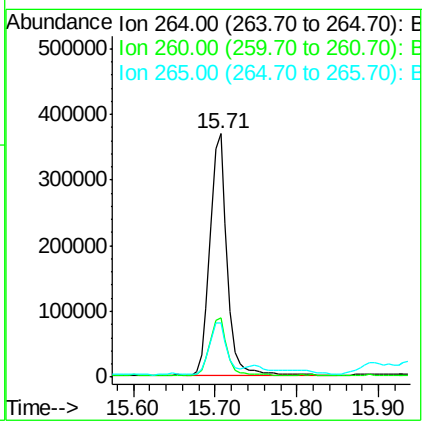


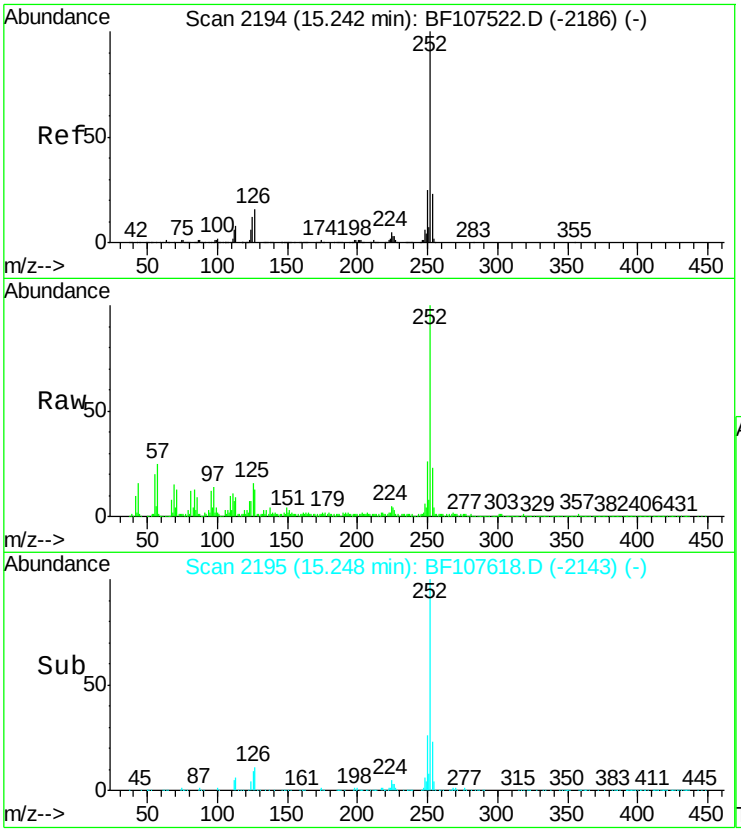


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:264 Resp: 539587

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.5	26.3



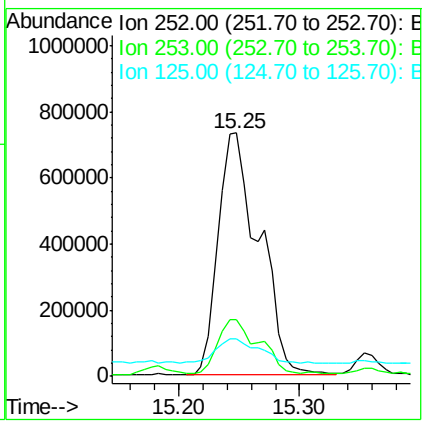


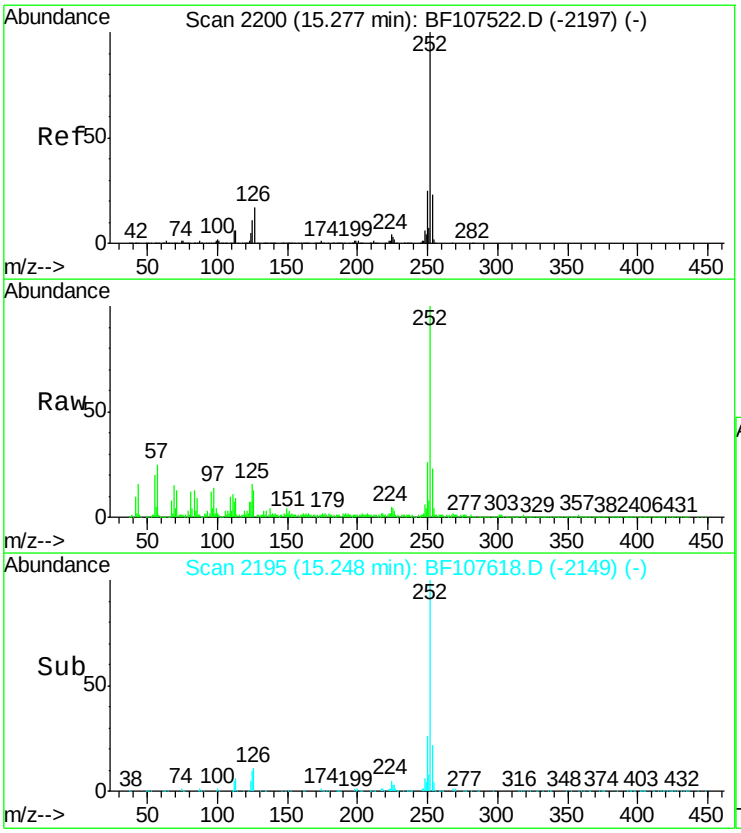
#87
Benzo(b)fluoranthene
Concen: 58.438 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:252 Resp: 1725731

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	15.7	9.0	13.6#

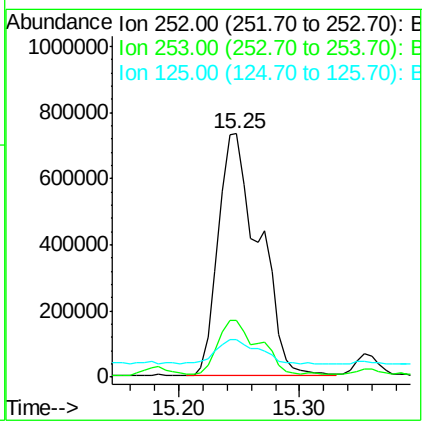


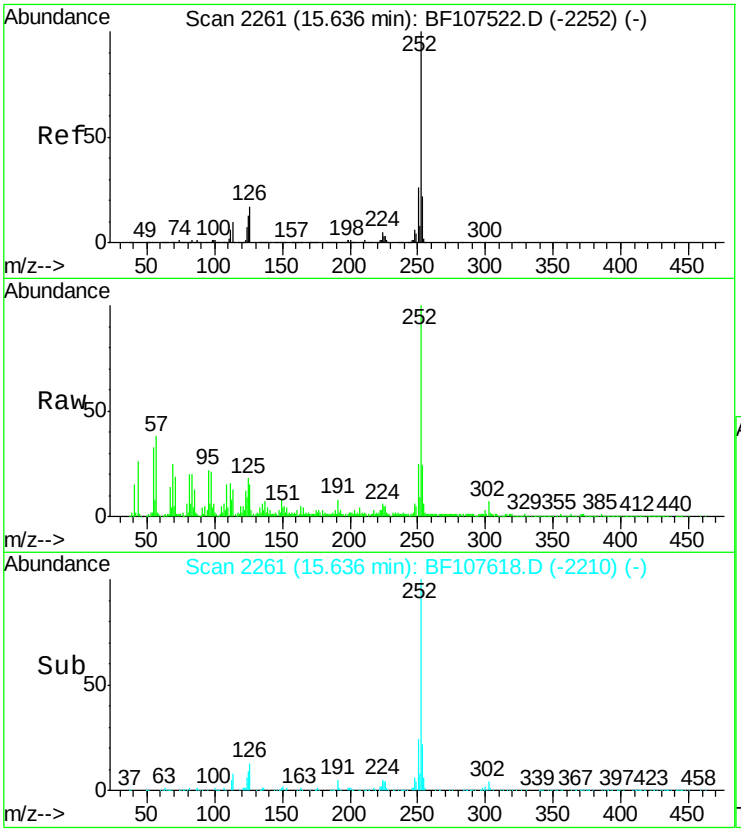


#88
Benzo(k)fluoranthene
Concen: 59.647 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:252 Resp: 1725731

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	15.7	10.2	15.2#



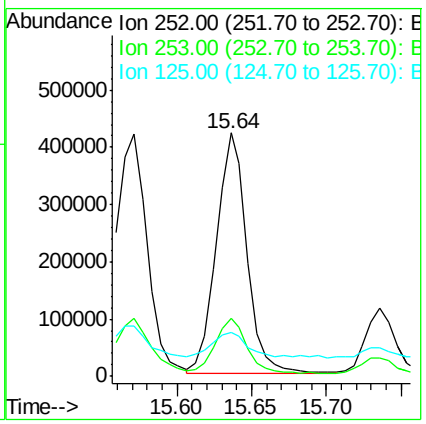


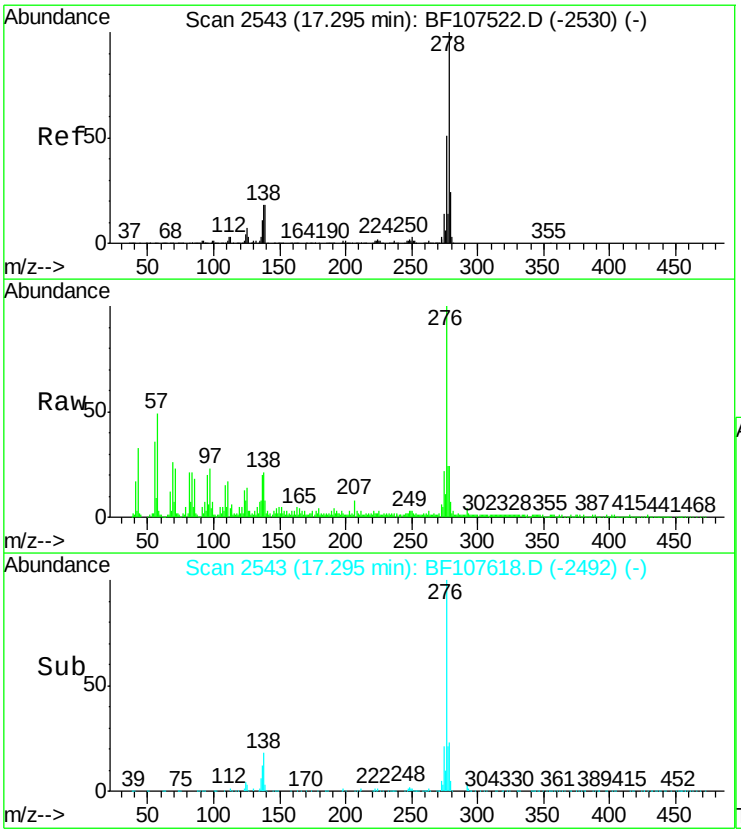
#89
Benzo(a)pyrene
Concen: 22.384 ng
RT: 15.64 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:252 Resp: 604651

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	18.1	9.8	14.6#

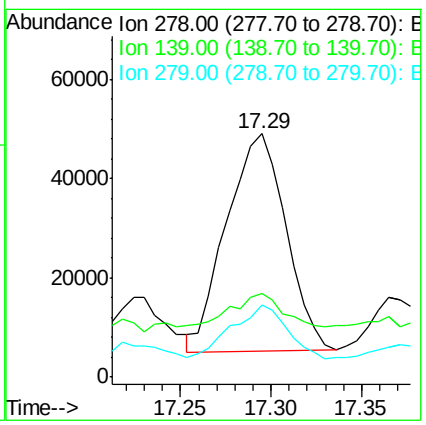


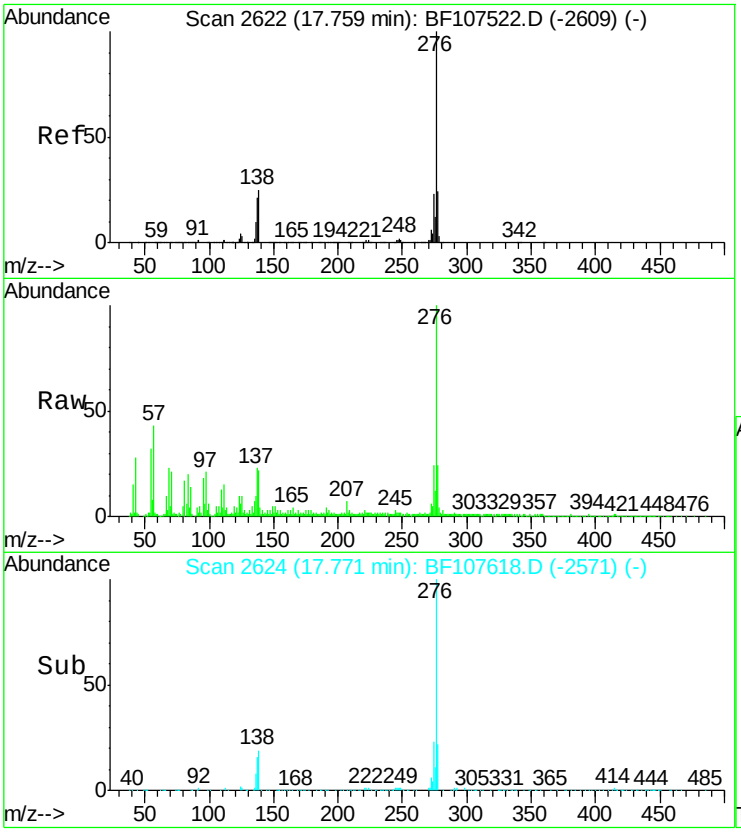


#90
Dibenzo(a,h)anthracene
Concen: 4.272 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Tgt Ion:278 Resp: 99753

Ion	Ratio	Lower	Upper
278	100		
139	34.5	15.9	23.9#
279	29.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 21.505 ng
RT: 17.77 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF107618.D
Acq: 24 Jul 2018 14:57

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:276 Resp: 495325

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	22.0	21.8	32.8