Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
Data File : BF107621.D
Acq On : 24 Jul 2018 16:17
Operator : JU/SJ
Sample : J4096-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-8

Quant Time: Jul 25 01:02:24 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	248000	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	987525	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	399137	20.00	ng		-0.01
63) Phenanthrene-d10	11.51	188	682737	20.00	ng		0.00
75) Chrysene-d12	14.16	240	452782	20.00	ng		0.00
86) Perylene-d12	15.71	264	424018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	605930	39.28	ng		-0.01
7) Phenol-d6	6.60	99	770642	41.61	ng		-0.01
23) Nitrobenzene-d5	7.53	82	453439	30.99	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	169192	37.28	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	830260	28.09	ng		-0.02
78) Terphenyl-d14	13.09	244	590890	33.41	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	618	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.53	70	55898	4.672	ng	#	80
25) Isophorone	7.53	82	448749	14.363	ng	#	64
32) Benzoic acid	8.03	122	114	7.910	ng	#	1
49) Dimethylphthalate	9.71	163	68925	2.291	ng	#	95
53) 2,4-Dinitrophenol	10.18	184	114	8.336	ng	#	1
57) Fluorene	10.56	166	61501	2.341	ng	#	96
64) 4,6-Dinitro-2-methylphenol	10.58	198	151	8.718	ng	#	1
70) Phenanthrene	11.53	178	905680	27.222	ng		99
71) Anthracene	11.53	178	905680	27.037	ng		99
72) Carbazole	11.74	167	91286	2.621	ng	#	93
73) Di-n-butylphthalate	12.05	149	23095	Below Cal		#	79
74) Fluoranthene	12.73	202	1974881	55.317	ng		96
77) Pyrene	12.96	202	1497078	48.338	ng		98
80) Benzo(a)anthracene	14.15	228	525494	19.805	ng		97
81) 3,3'-Dichlorobenzidine	14.09	252	1647	Below Cal		#	1
82) Chrysene	14.19	228	859937	33.738	ng		97
83) Bis(2-ethylhexyl)phthalate	14.11	149	720217	38.323	ng		100
85) Indeno(1,2,3-cd)pyrene	17.29	276	376214	17.416	ng	#	87
87) Benzo(b)fluoranthene	15.25	252	1303336	56.164	ng	#	92
88) Benzo(k)fluoranthene	15.25	252	1303336	57.326	ng	#	94
89) Benzo(a)pyrene	15.64	252	485016	22.849	ng	#	89
90) Dibenzo(a,h)anthracene	17.30	278	77388	4.217	ng	#	69
91) Benzo(g,h,i)perylene	17.77	276	369955	20.440	ng		96

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

Quantitation Report (Not Reviewed)

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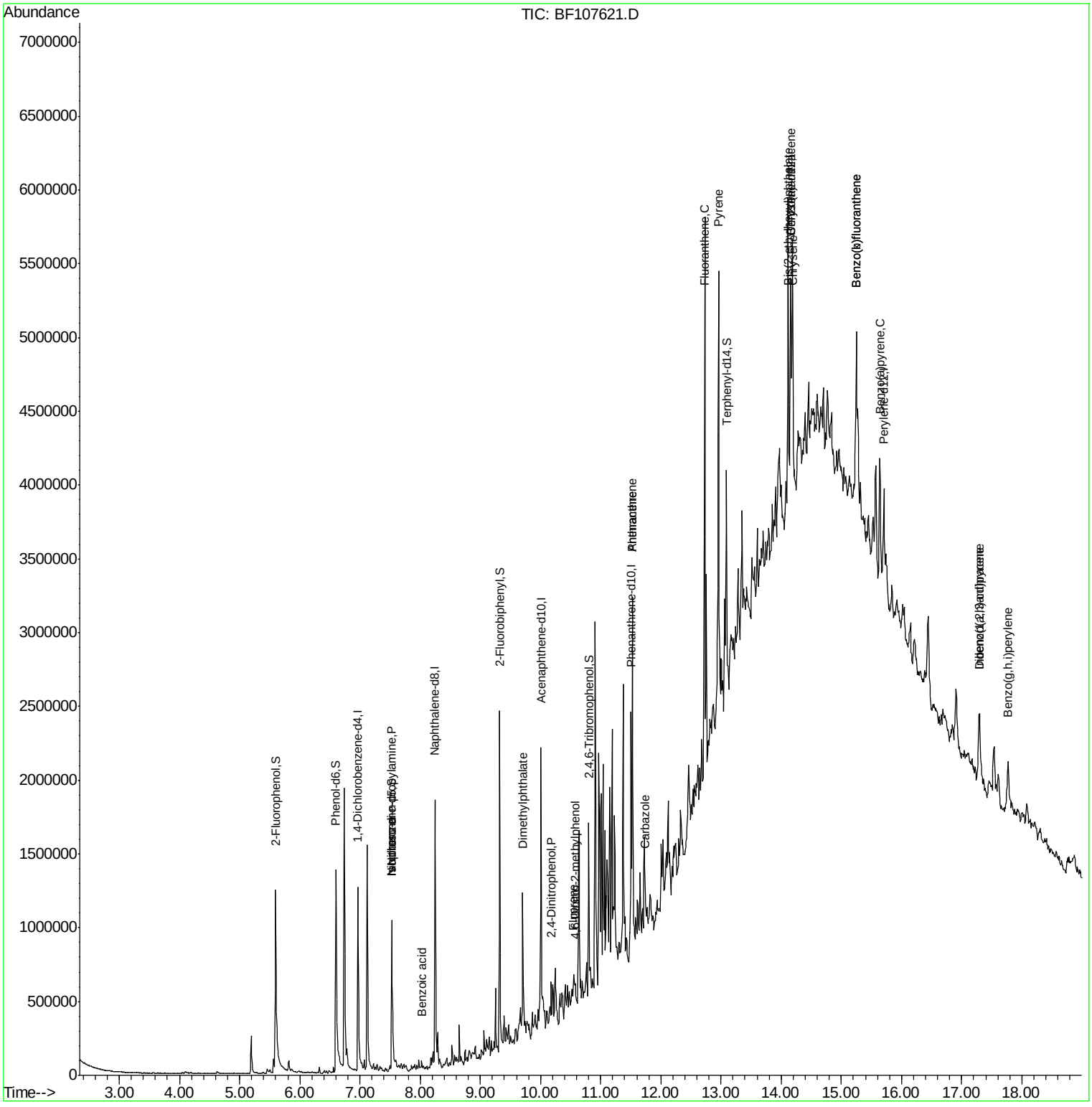
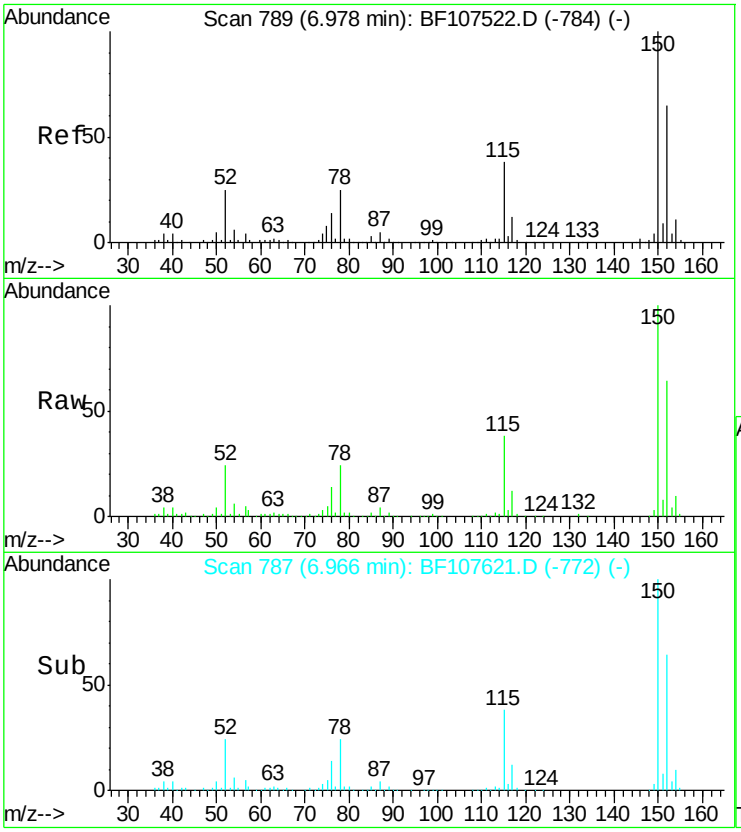
Data File : BF107621.D
Acq On : 24 Jul 2018 16:17
Operator : JU/SJ
Sample : J4096-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-8

Quant Time: Jul 25 01:02:24 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



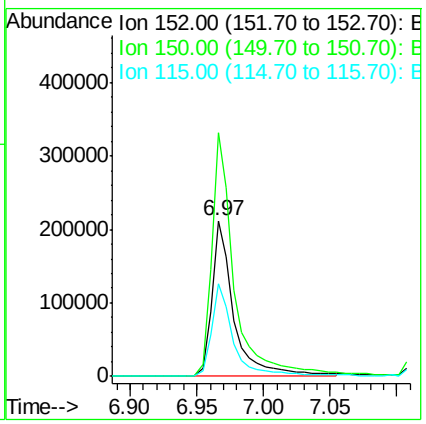


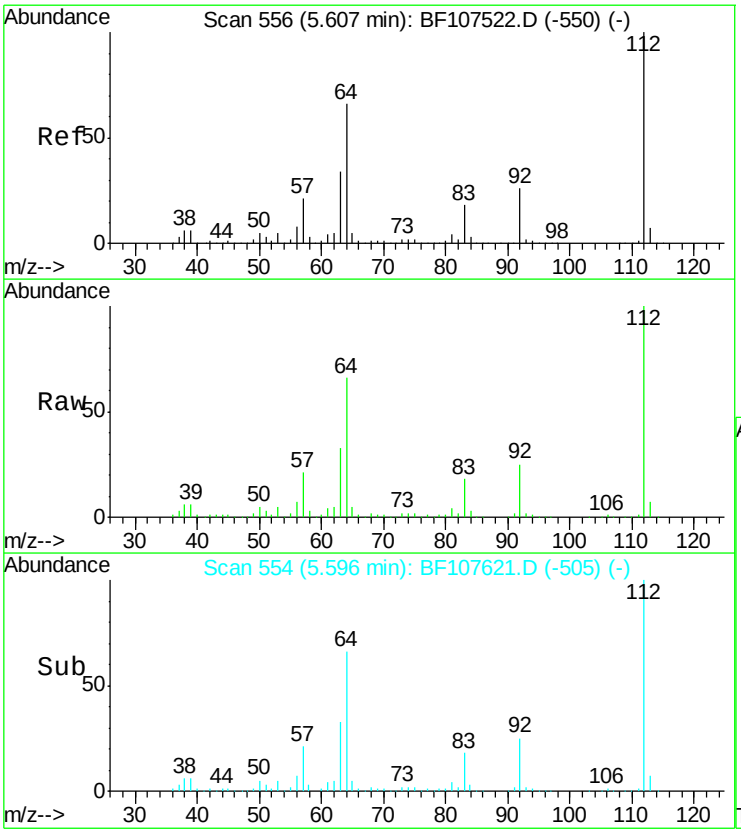
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:152 Resp: 248000

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	59.2	50.1	75.1

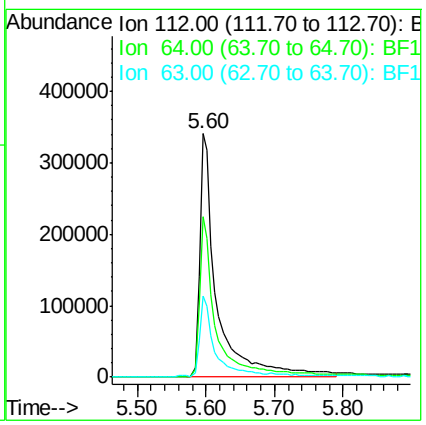


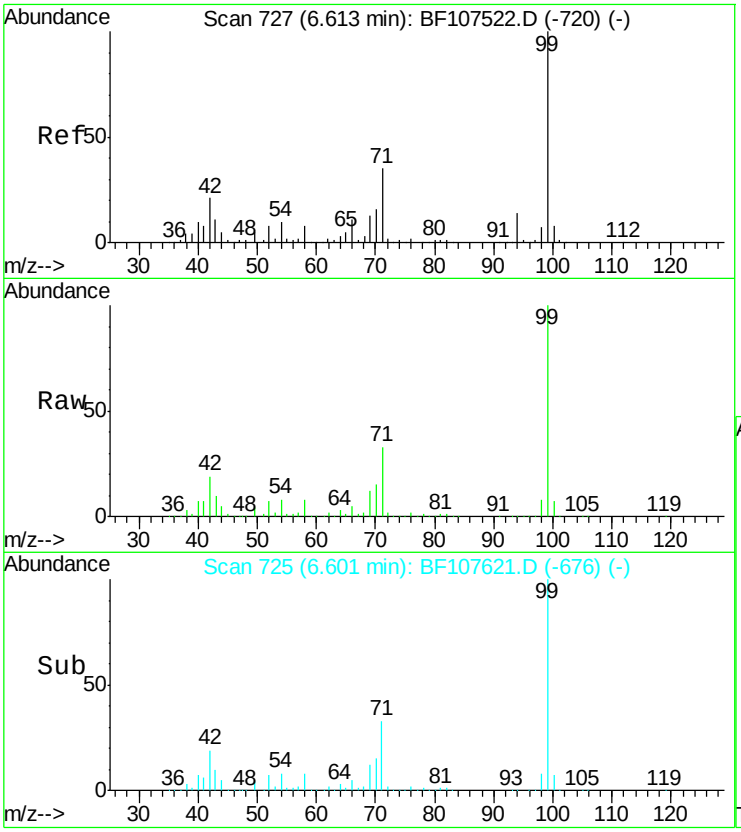


#5
2-Fluorophenol
Concen: 39.283 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:112 Resp: 605930

Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	33.5	23.7	35.5



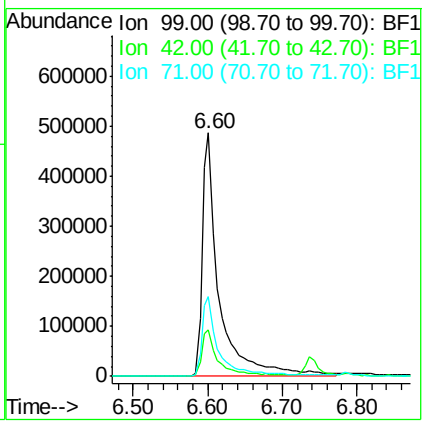


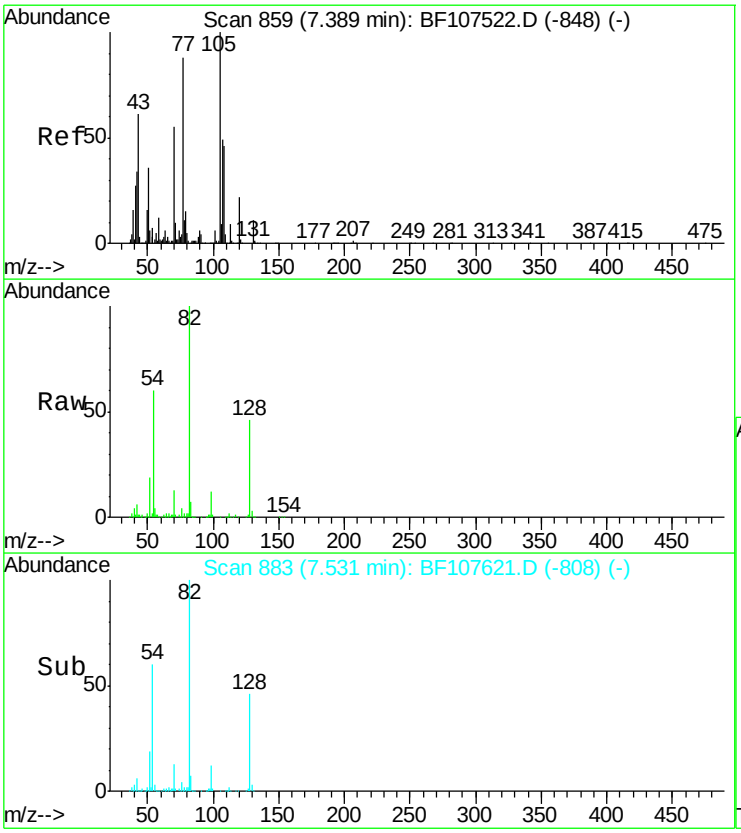
#7
Phenol-d6
Concen: 41.609 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion: 99 Resp: 770642

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	33.0	25.4	38.0

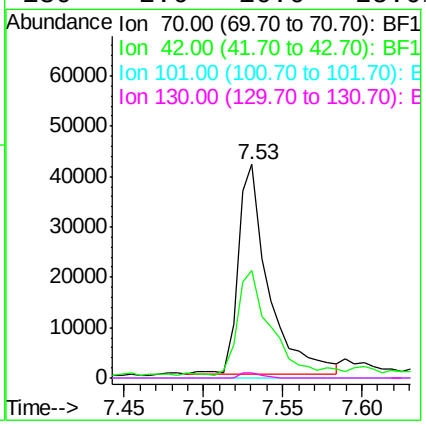


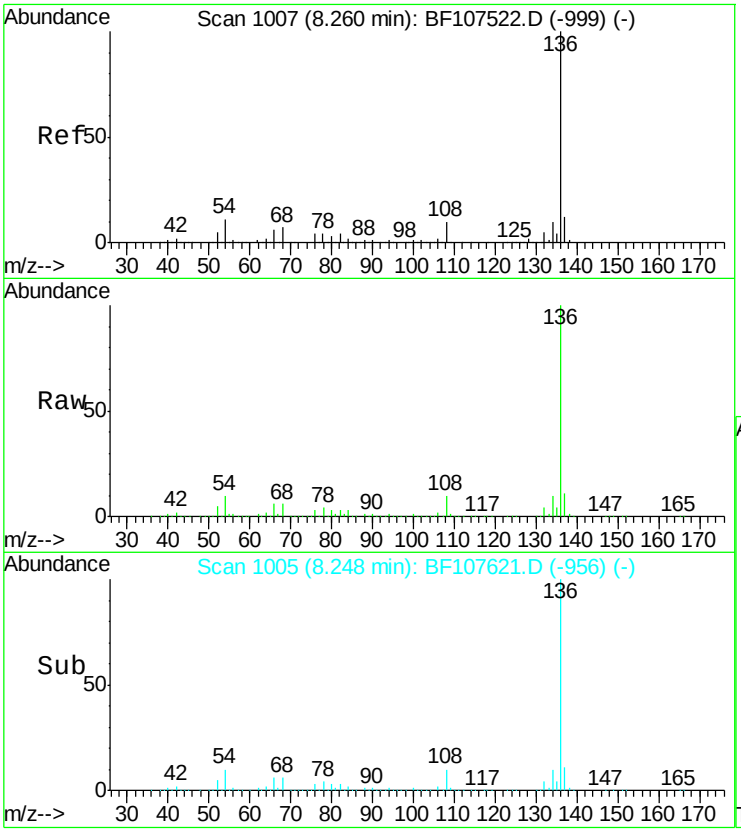


#19
n-Nitroso-di-n-propylamine
Concen: 4.672 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion: 70 Resp: 55898

Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



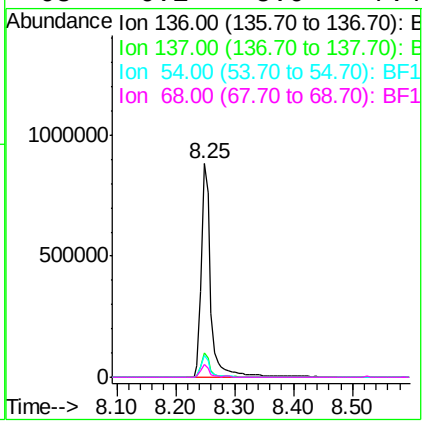


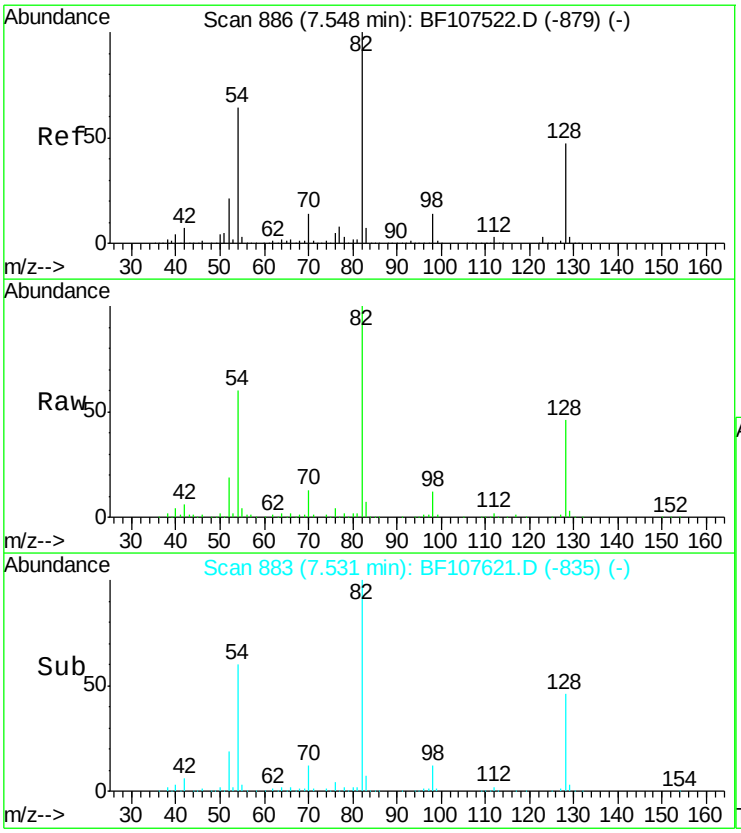
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:136 Resp: 987525

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.5	6.6	9.8#
68	6.1	5.0	7.4

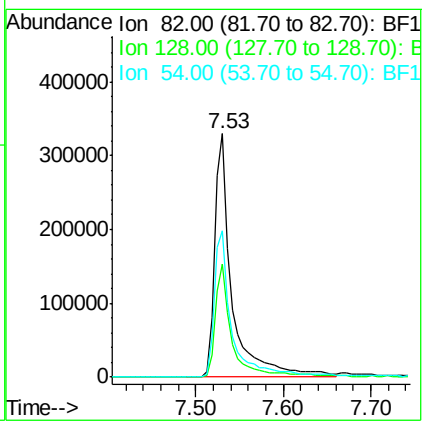


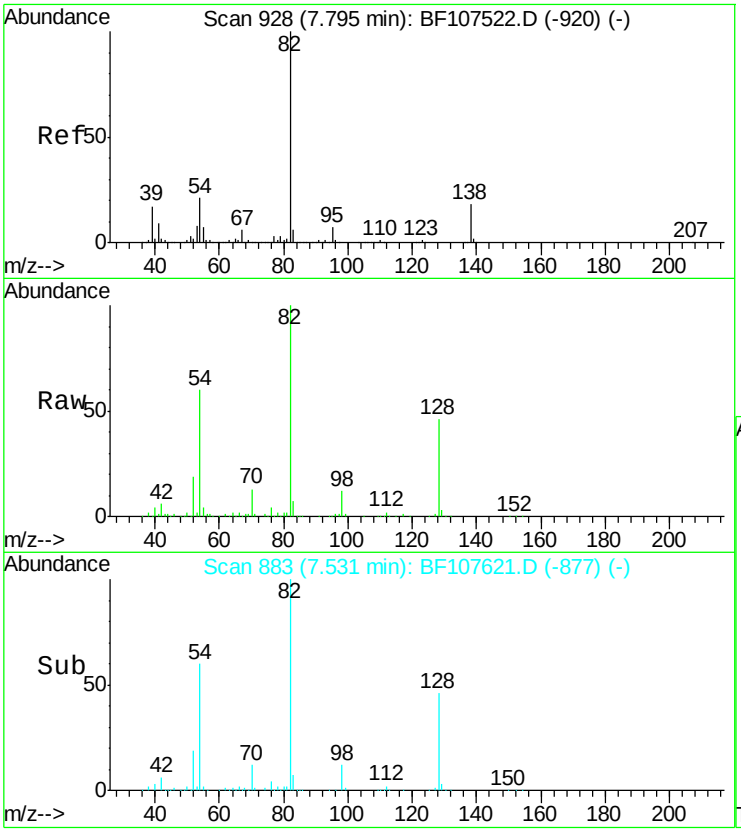


#23
Nitrobenzene-d5
Concen: 30.988 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion: 82 Resp: 453439

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	59.9	41.4	62.2



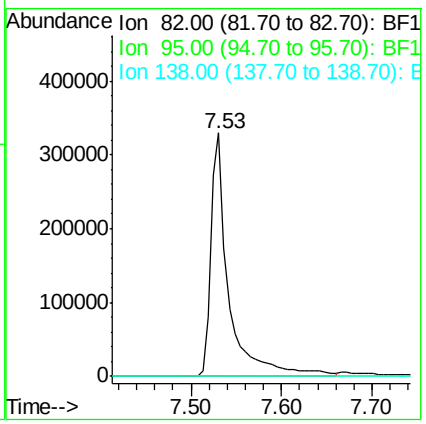


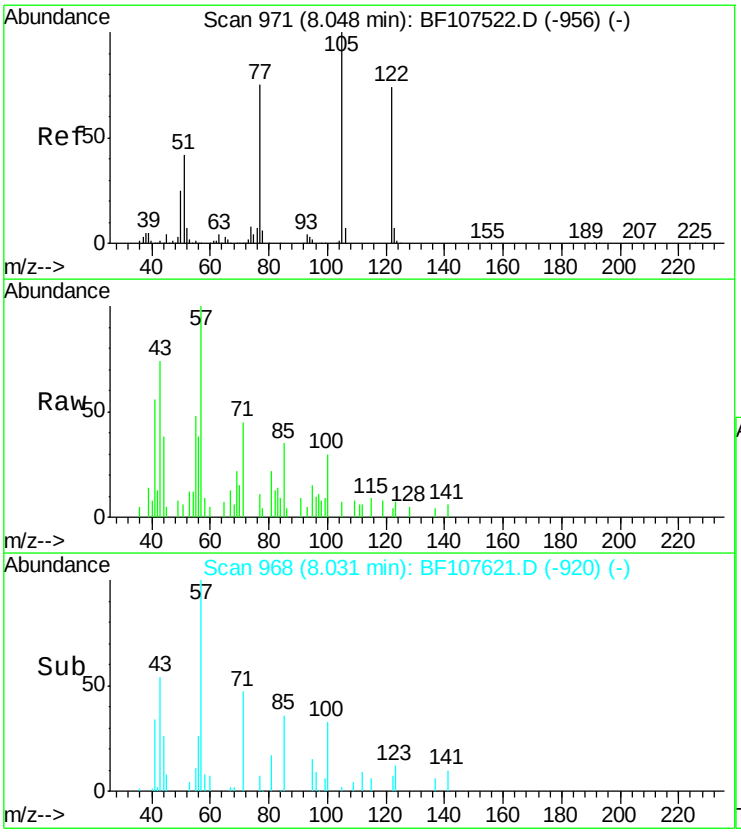
#25
Isophorone
Concen: 14.363 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion: 82 Resp: 448749

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

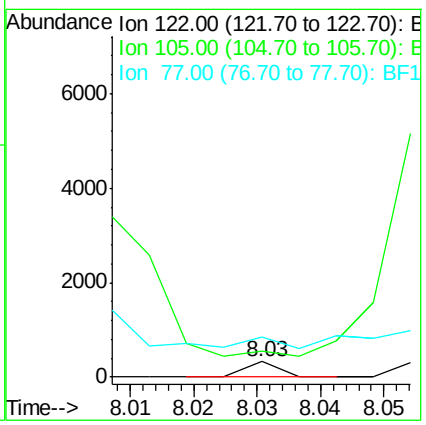


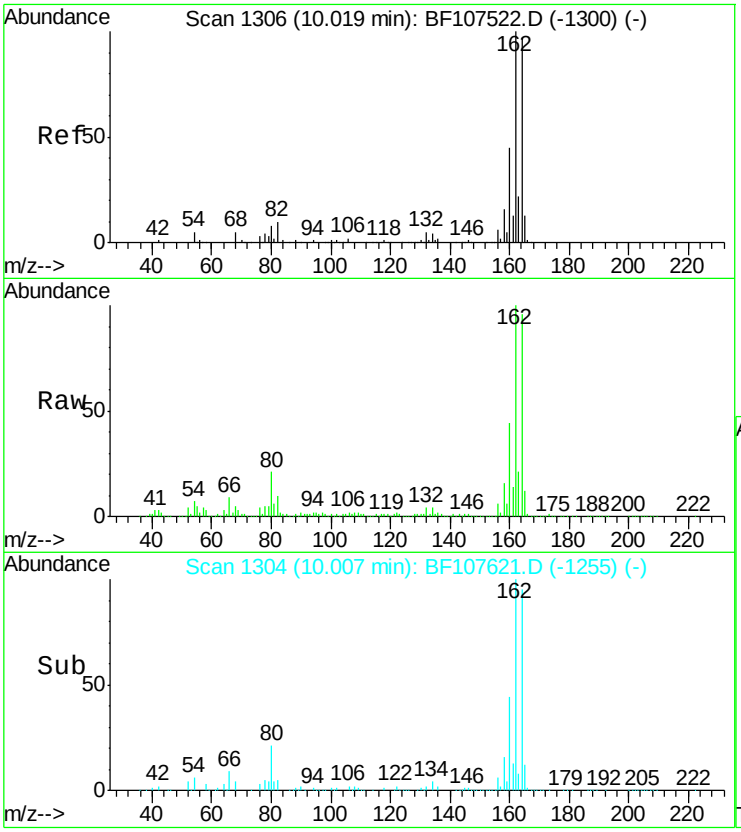


#32
Benzoic acid
Concen: 7.910 ng
RT: 8.03 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
105	170.3	101.1	141.1#
77	259.1	70.7	110.7#



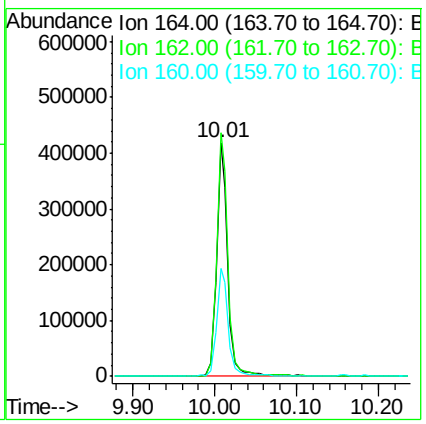


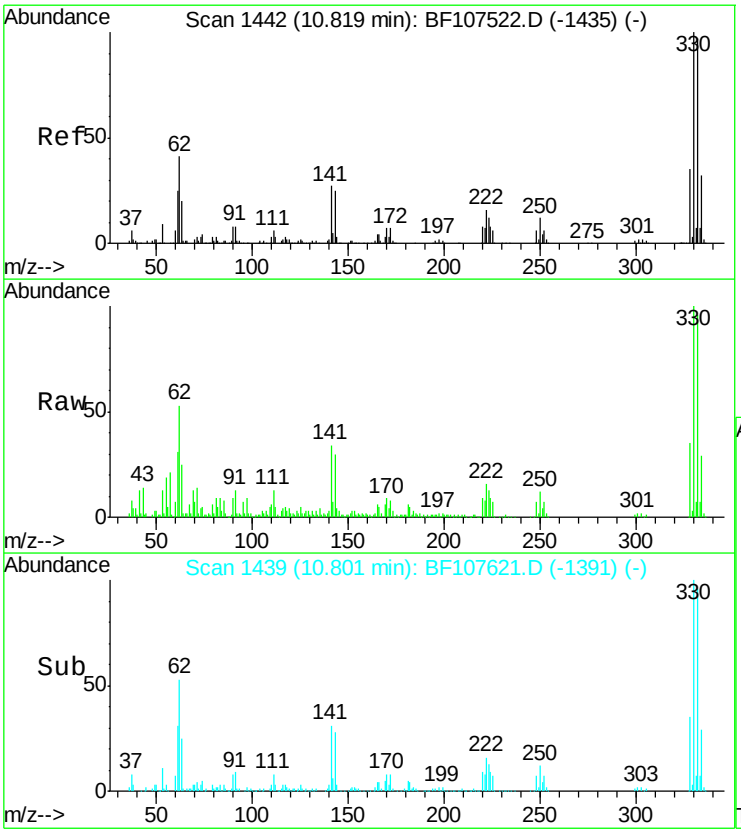
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:164 Resp: 399137

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.2	38.3	57.5

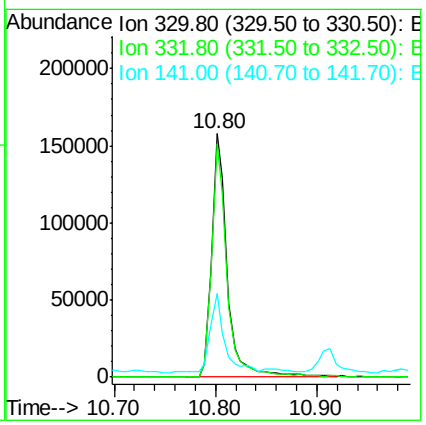


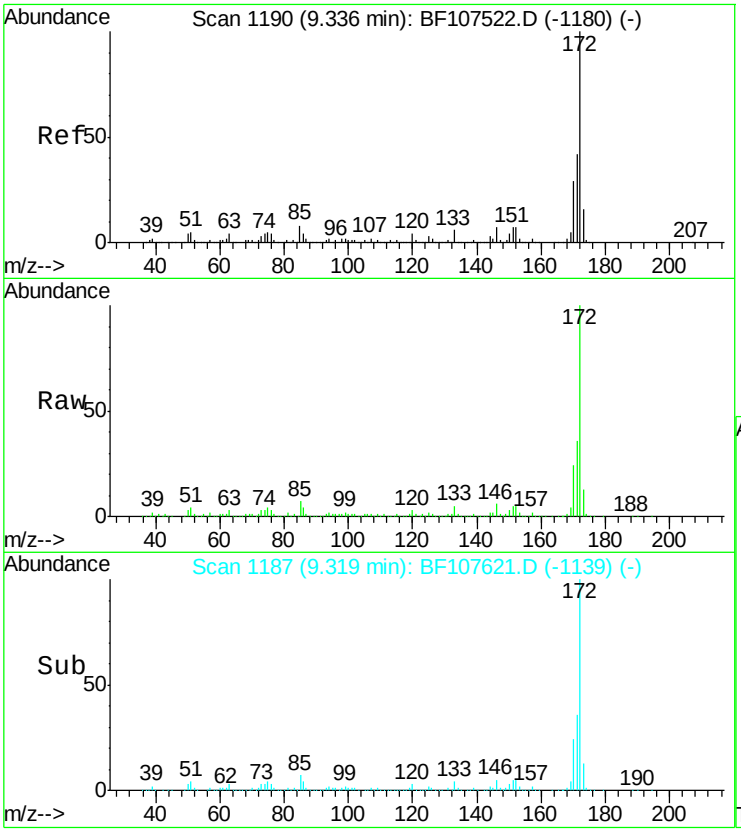


#41
2,4,6-Tribromophenol
Concen: 37.277 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:330 Resp: 169192

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	29.0	29.9	44.9#



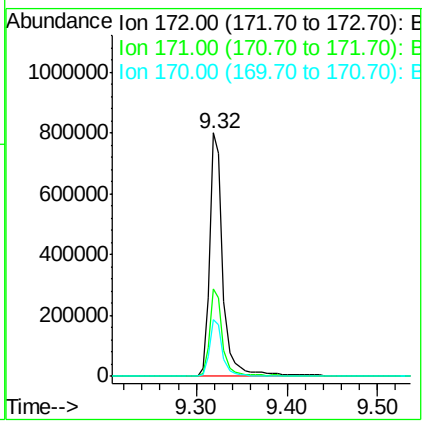


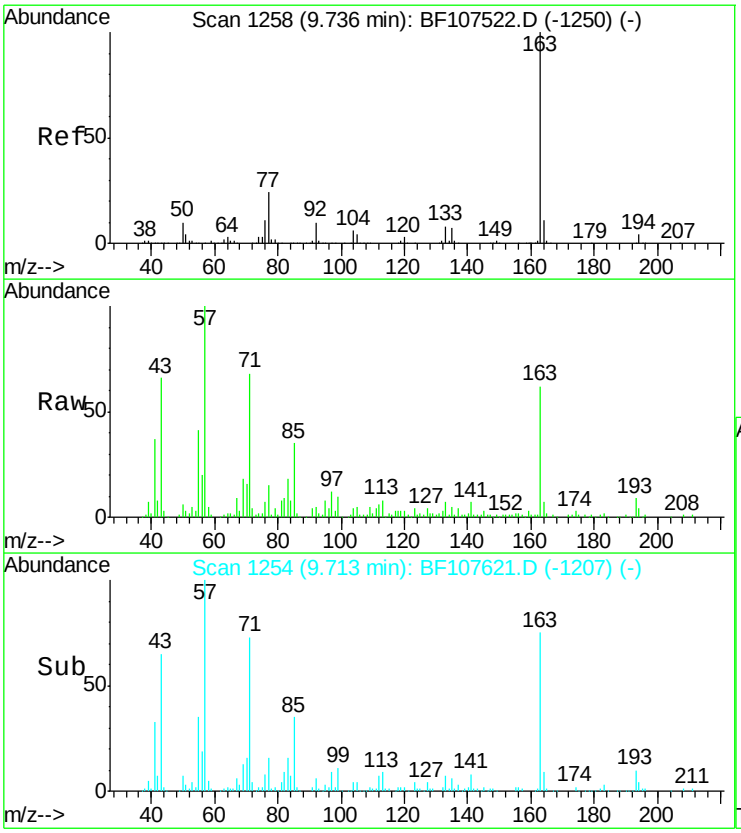
#44
2-Fluorobiphenyl
Concen: 28.091 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:172 Resp: 830260

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.5	19.6	29.4

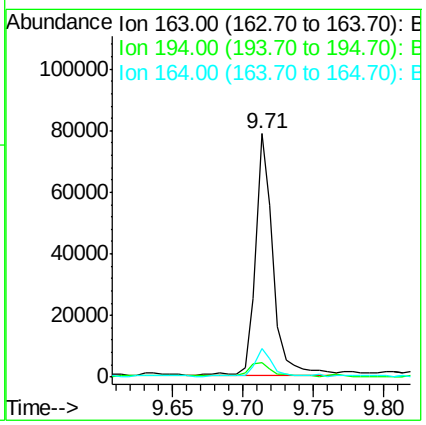


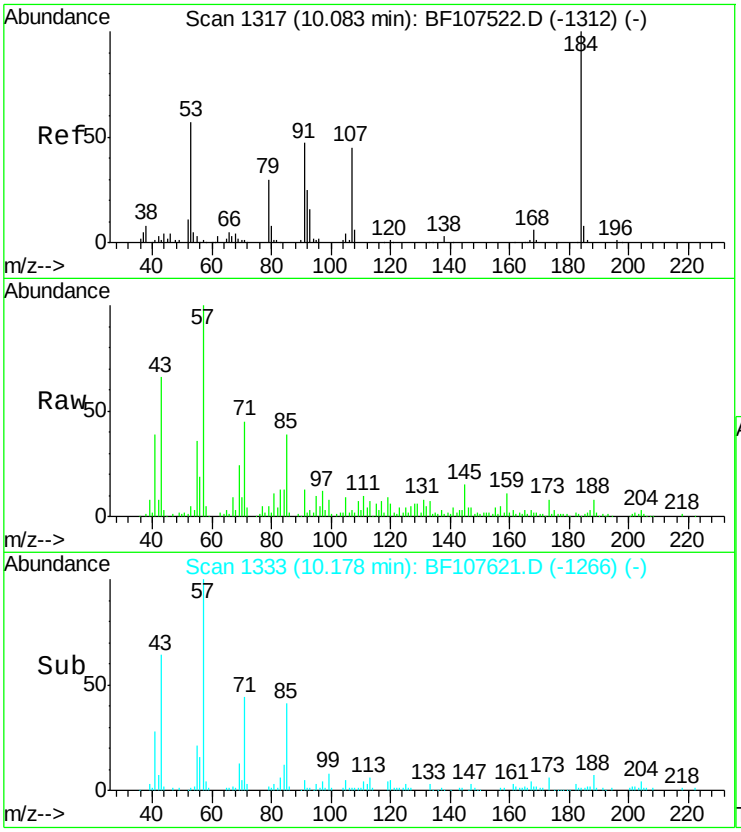


#49
Dimethylphthalate
Concen: 2.291 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:163 Resp: 68925

Ion	Ratio	Lower	Upper
163	100		
194	6.1	2.7	4.1#
164	11.6	8.2	12.2



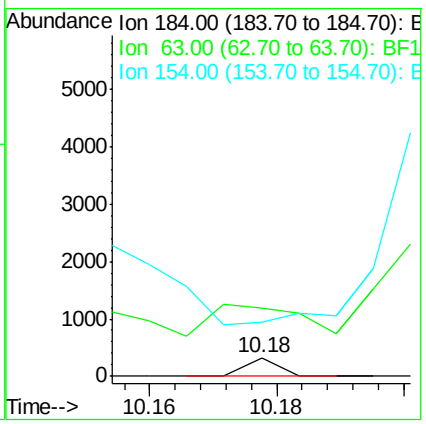


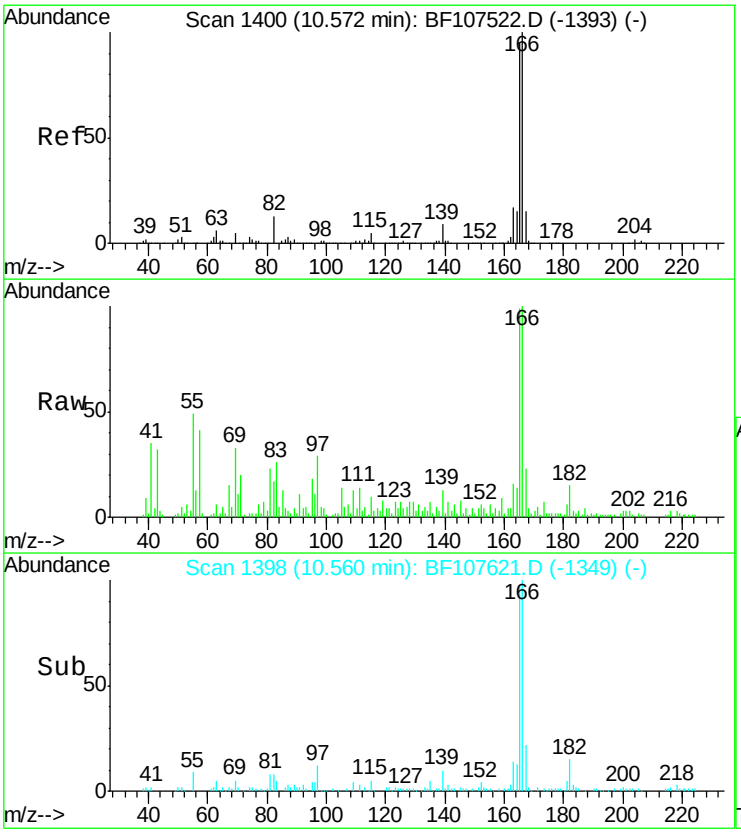
#53
2,4-Dinitrophenol
Concen: 8.336 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.09 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:184 Resp: 114

Ion	Ratio	Lower	Upper
184	100		
63	373.0	54.2	81.2#
154	295.0	184.0	276.0#

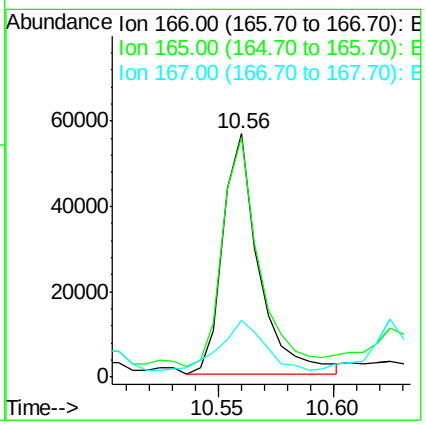


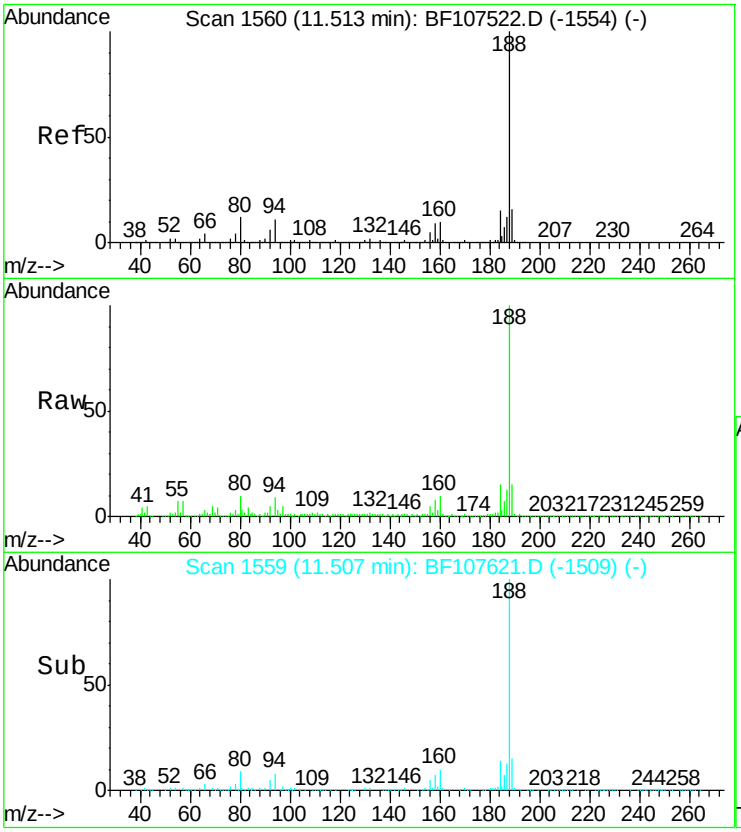


#57
Fluorene
Concen: 2.341 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:166 Resp: 61501

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	23.2	10.6	16.0#



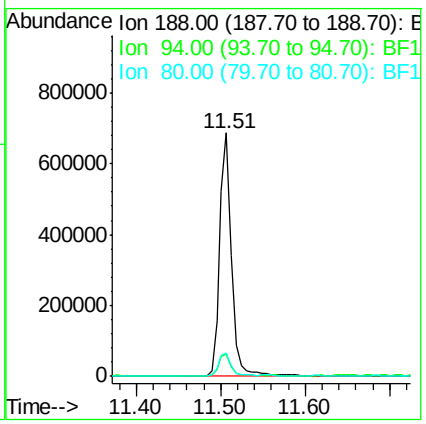


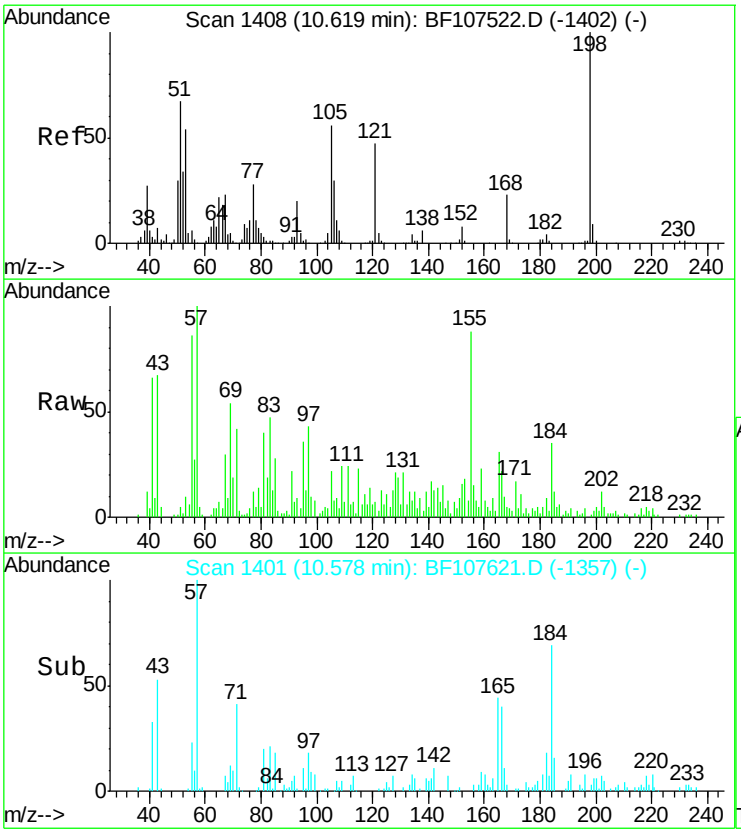
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:188 Resp: 682737

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8

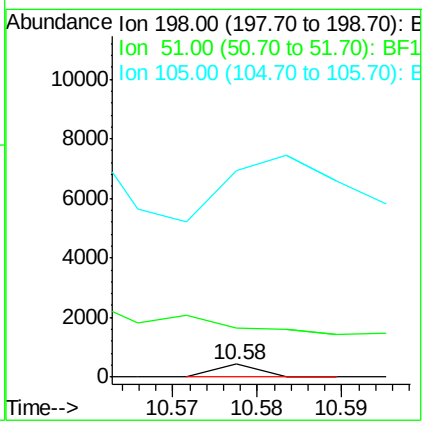


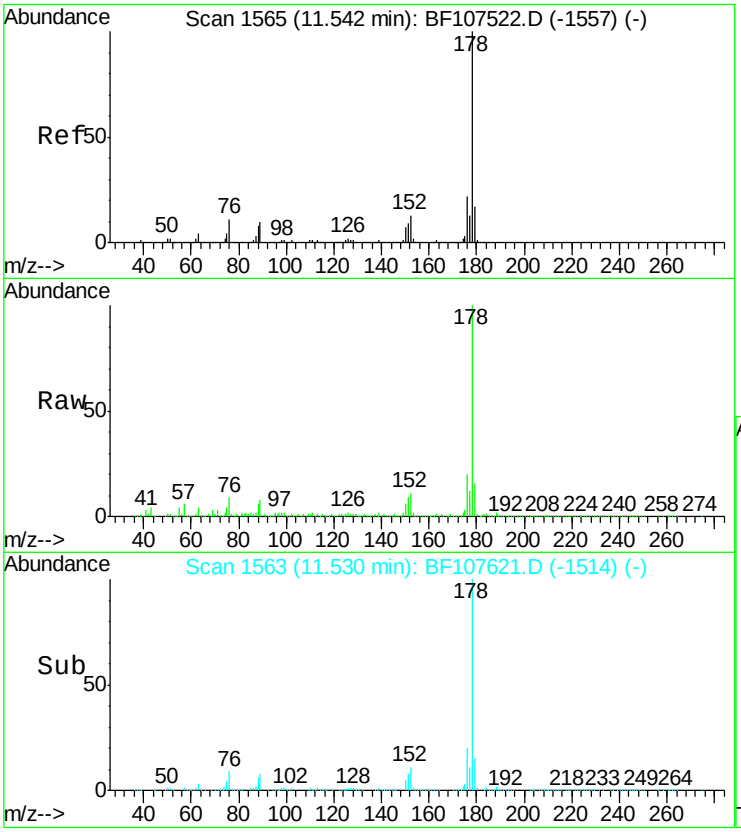


#64
4,6-Dinitro-2-methylphenol
Concen: 8.718 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.04 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:198 Resp: 151

Ion	Ratio	Lower	Upper
198	100		
51	387.4	37.7	77.7#
105	1622.9	36.3	76.3#



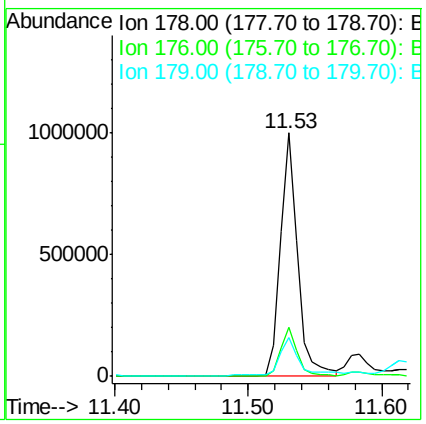


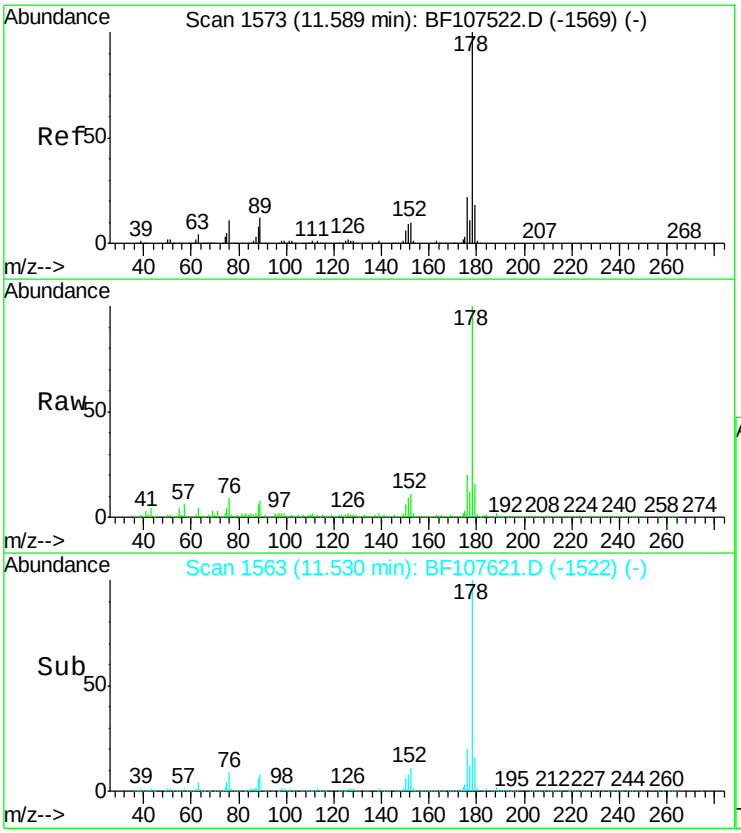
#70
Phenanthrene
Concen: 27.222 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:178 Resp: 905680

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	13.0	19.6

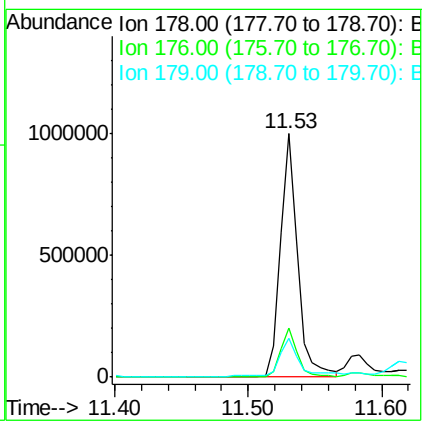


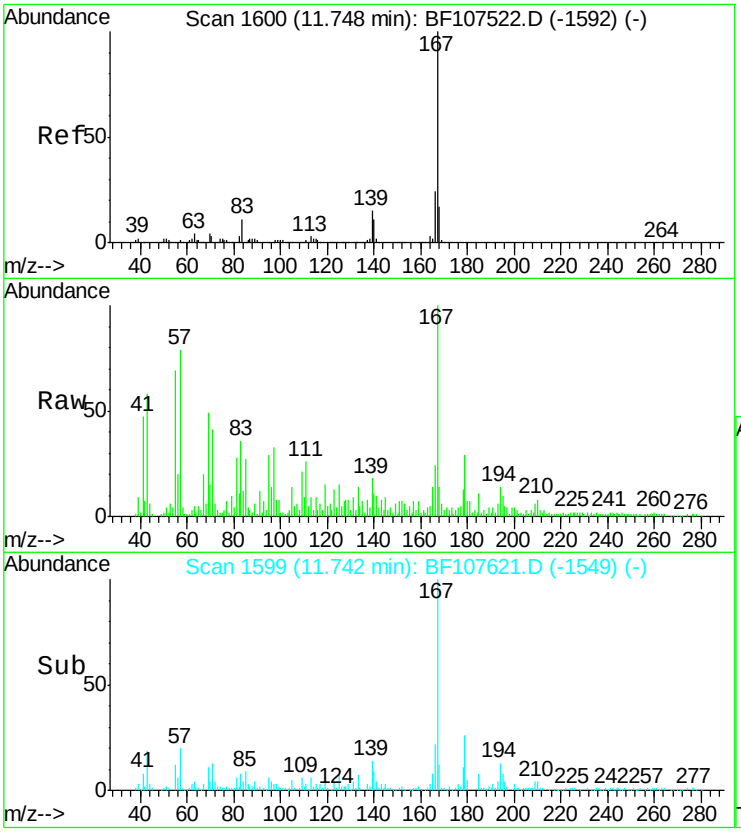


#71
Anthracene
Concen: 27.037 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.06 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:178 Resp: 905680

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	15.8	12.6	19.0



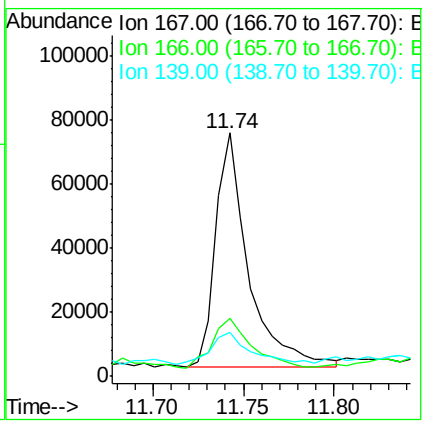


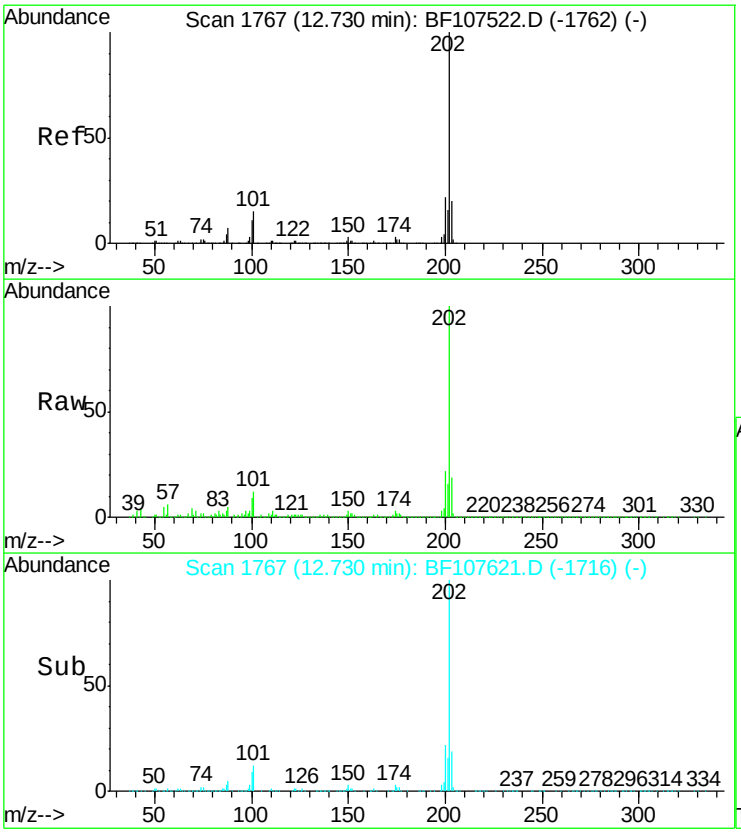
#72
Carbazole
Concen: 2.621 ng
RT: 11.74 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:167 Resp: 91286

Ion	Ratio	Lower	Upper
167	100		
166	23.9	17.6	26.4
139	18.0	10.9	16.3#

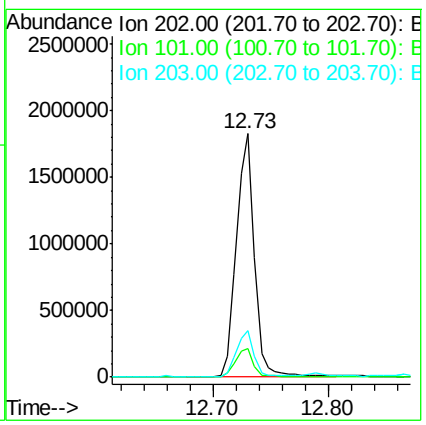


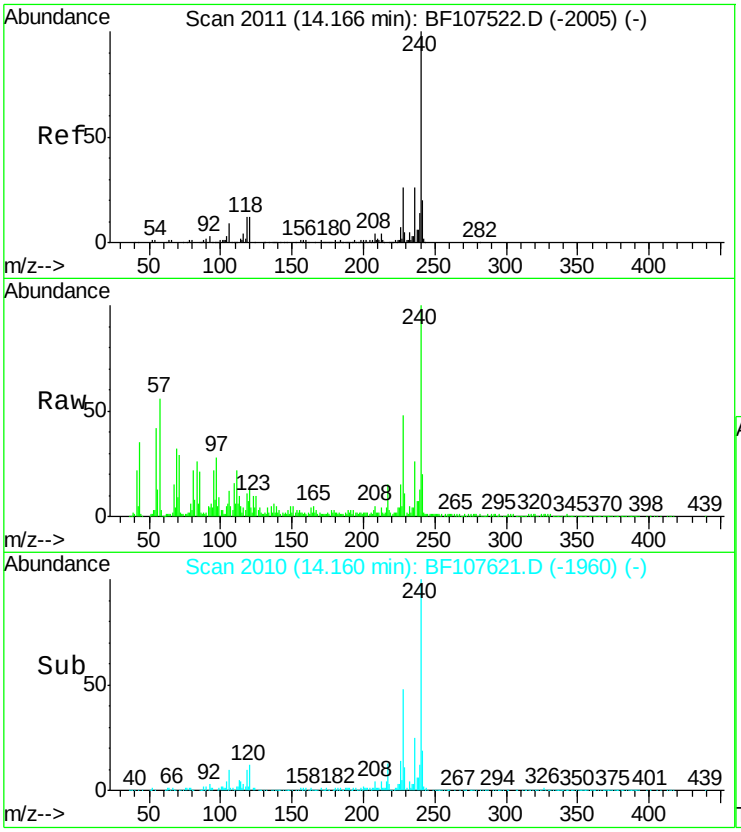


#74
Fluoranthene
Concen: 55.317 ng
RT: 12.73 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:202 Resp: 1974881

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	19.2	0.0	38.1



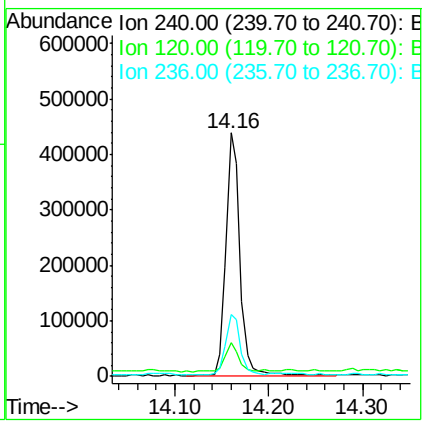


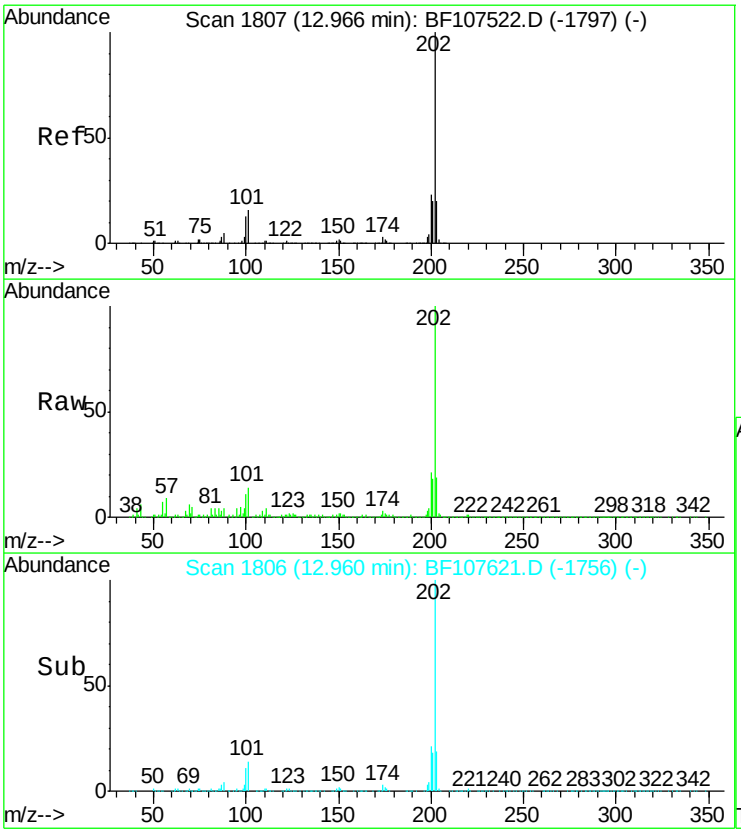
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:240 Resp: 452782

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.6	20.7	31.1

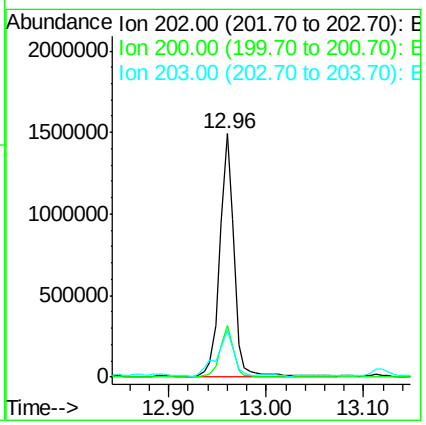


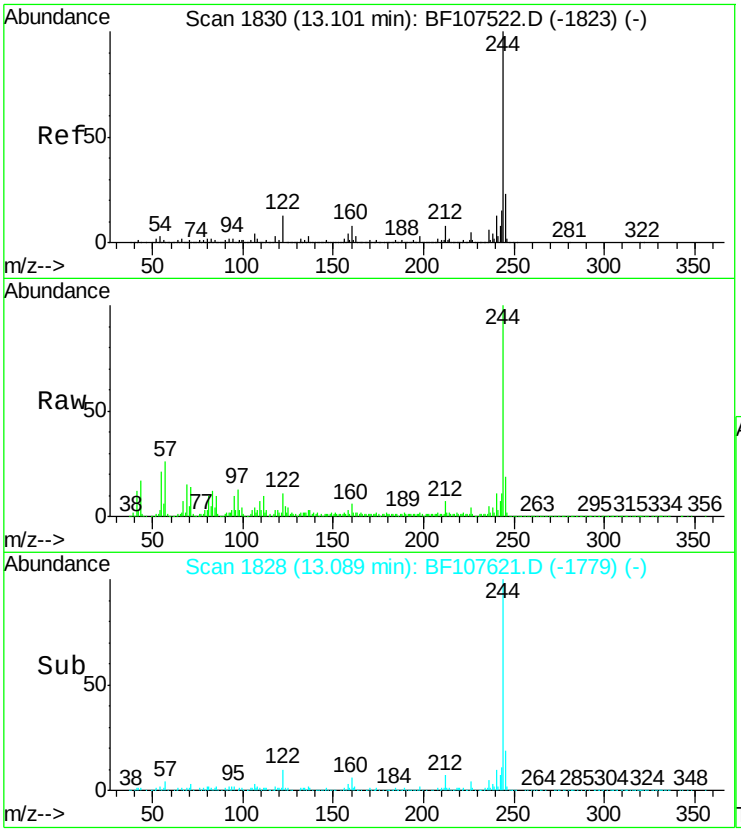


#77
Pyrene
Concen: 48.338 ng
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:202 Resp: 1497078

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	19.1	14.3	21.5



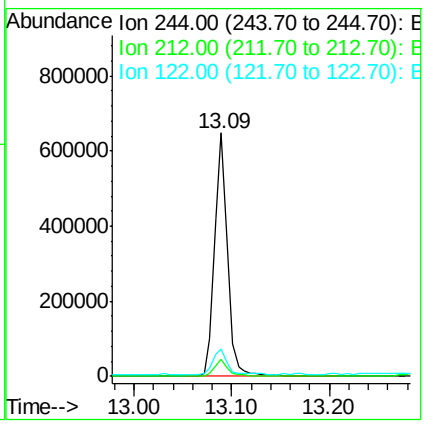


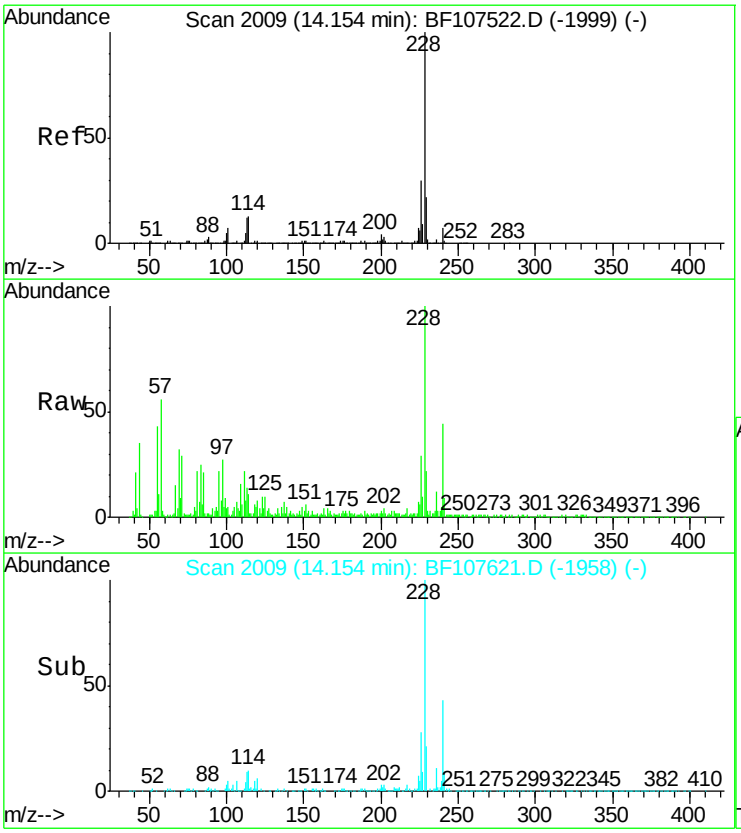
#78
Terphenyl-d14
Concen: 33.410 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:244 Resp: 590890

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.0	11.0	16.4

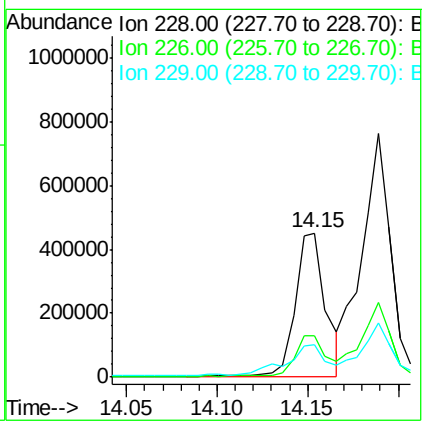


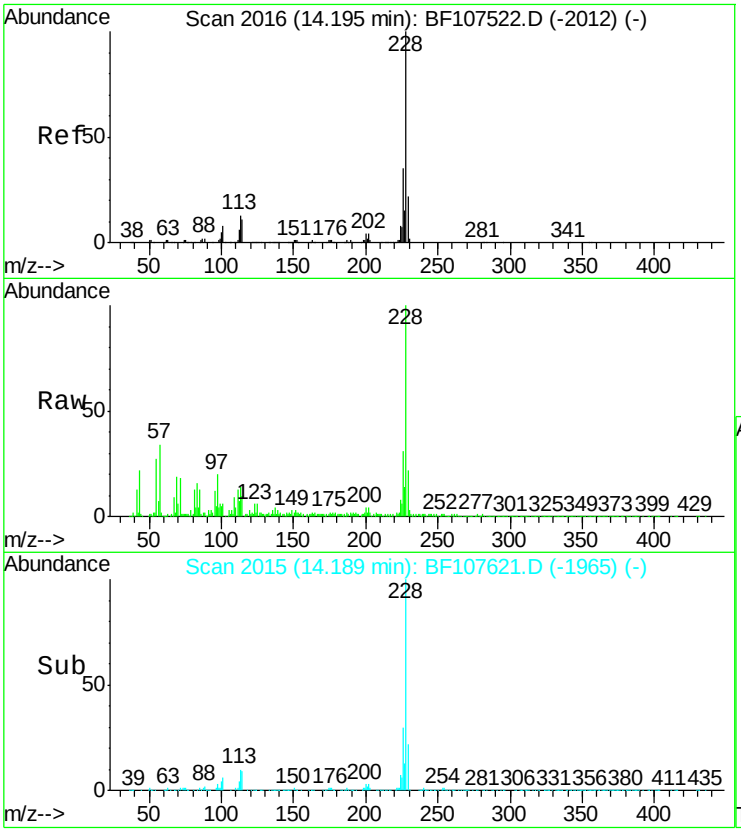


#80
Benzo(a)anthracene
Concen: 19.805 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:228 Resp: 525494

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	22.1	15.8	23.6



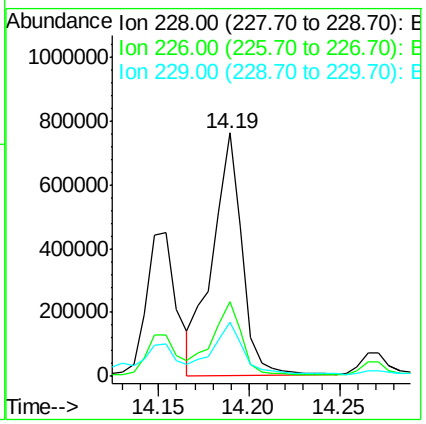


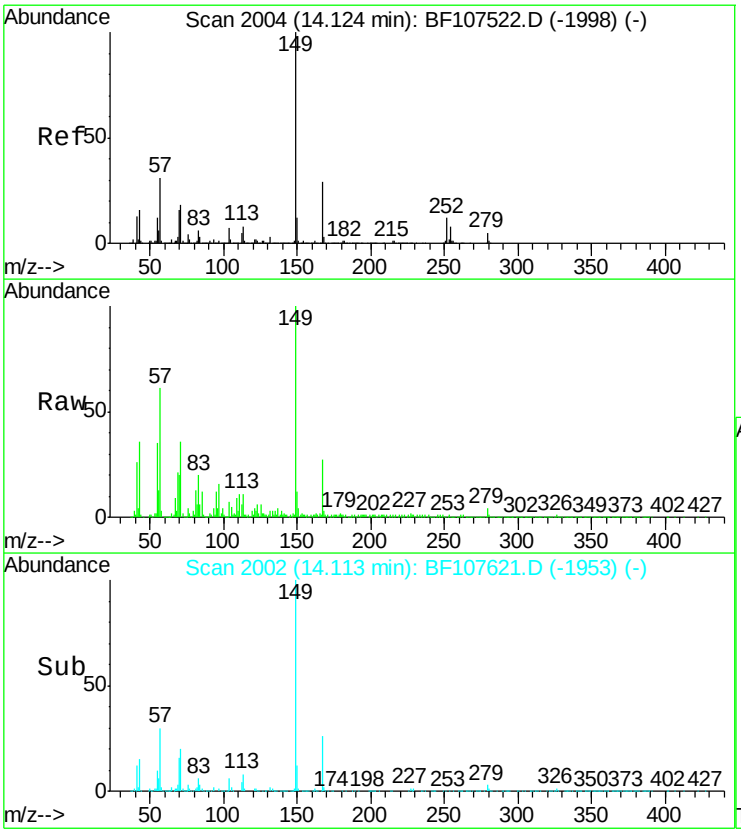
#82
Chrysene
Concen: 33.738 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:228 Resp: 859937

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.4	16.2	24.4

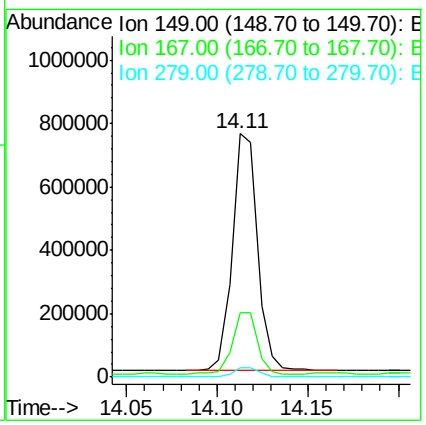


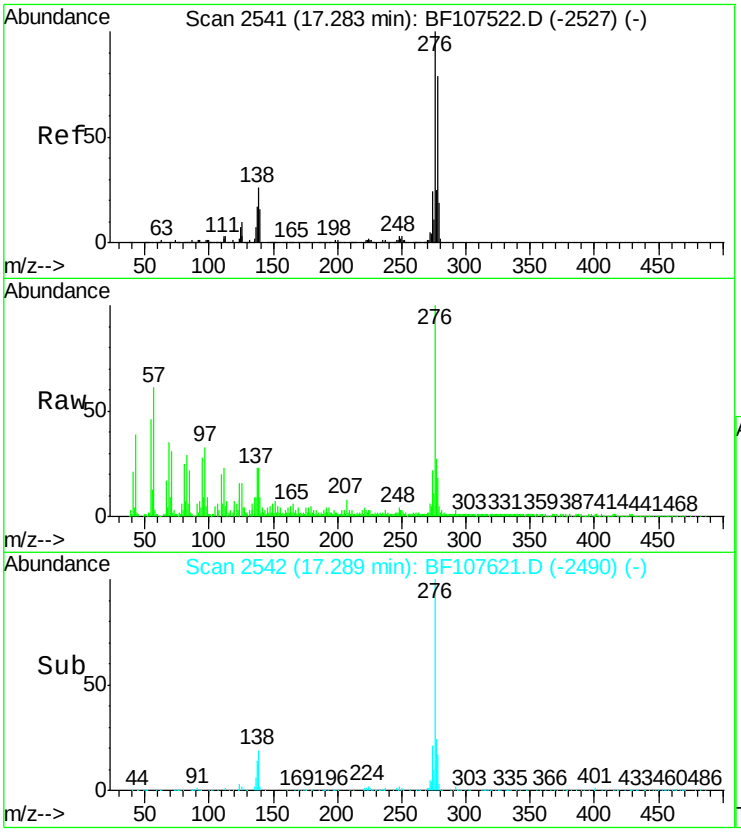


#83
Bis(2-ethylhexyl)phthalate
Concen: 38.323 ng
RT: 14.11 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:149 Resp: 720217

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.6	3.0	4.4



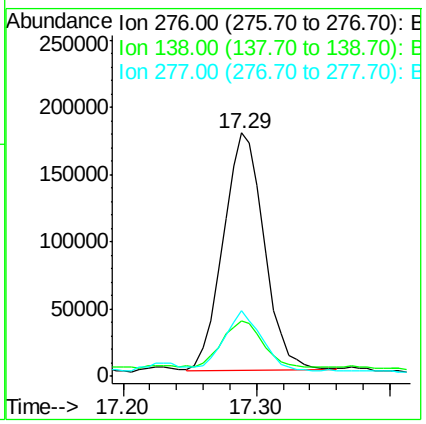


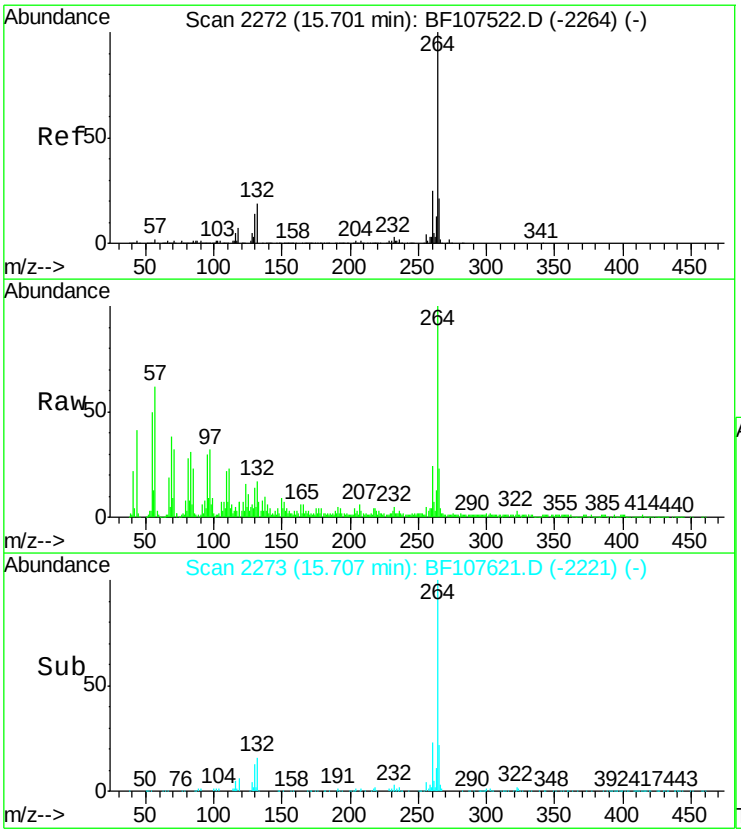
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.416 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:276 Resp: 376214

Ion	Ratio	Lower	Upper
276	100		
138	19.8	25.0	37.6#
277	23.7	20.1	30.1

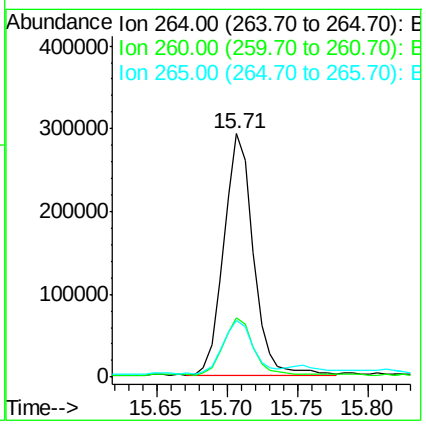


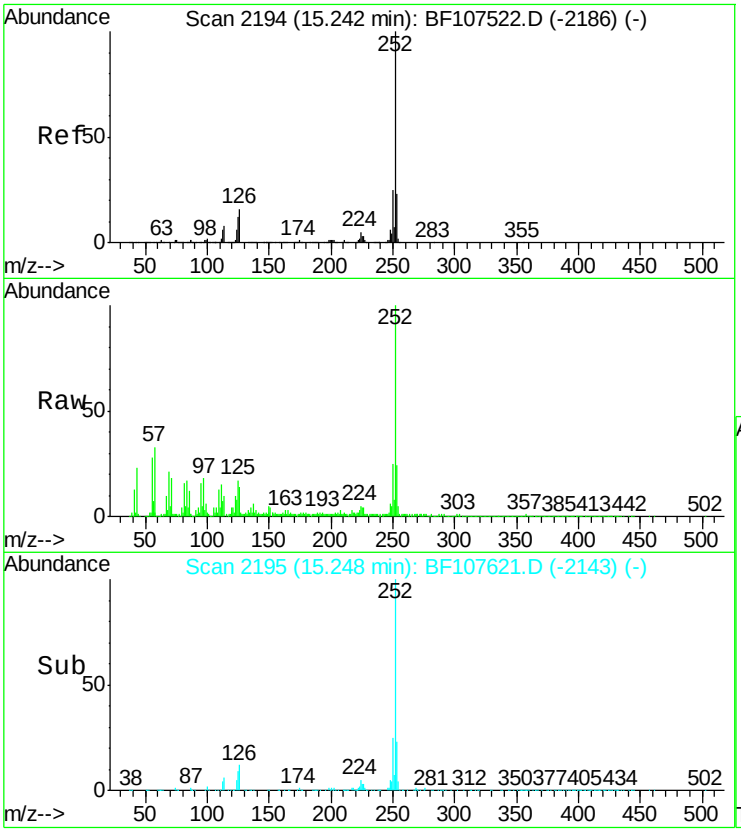


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:264 Resp: 424018

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.4	17.5	26.3



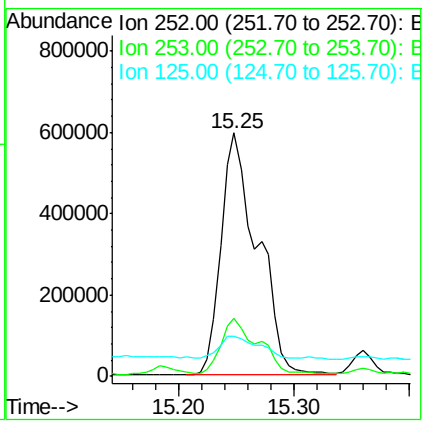


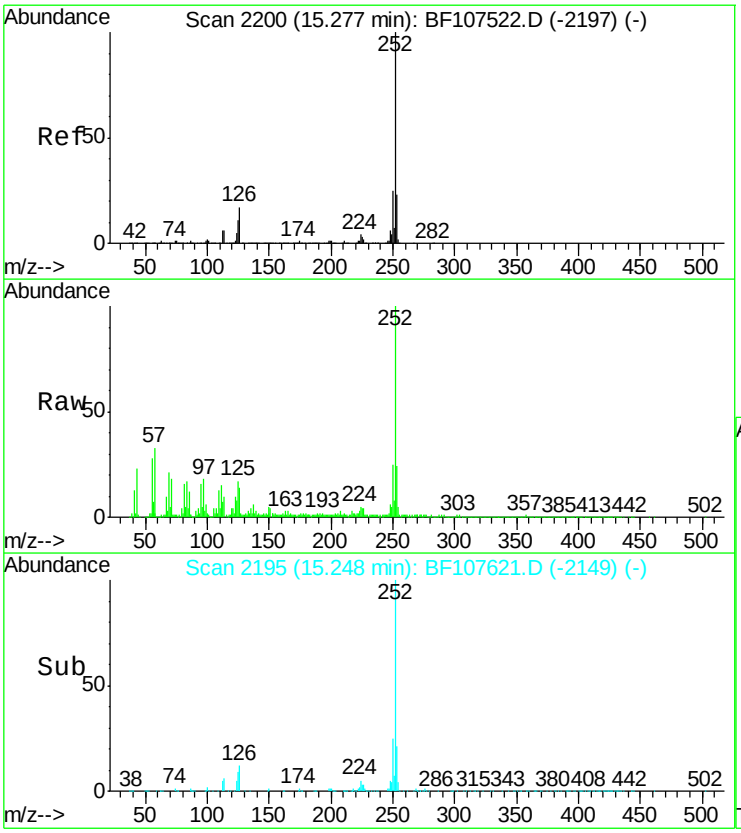
#87
Benzo(b)fluoranthene
Concen: 56.164 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:252 Resp: 1303336

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	16.6	9.0	13.6#

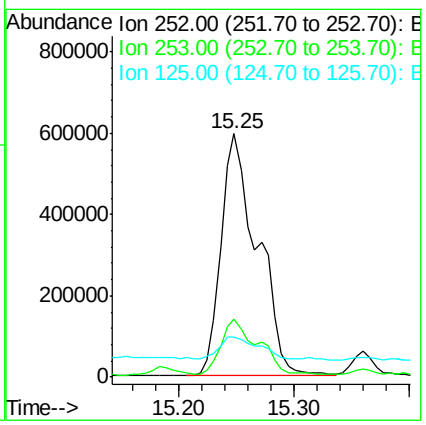


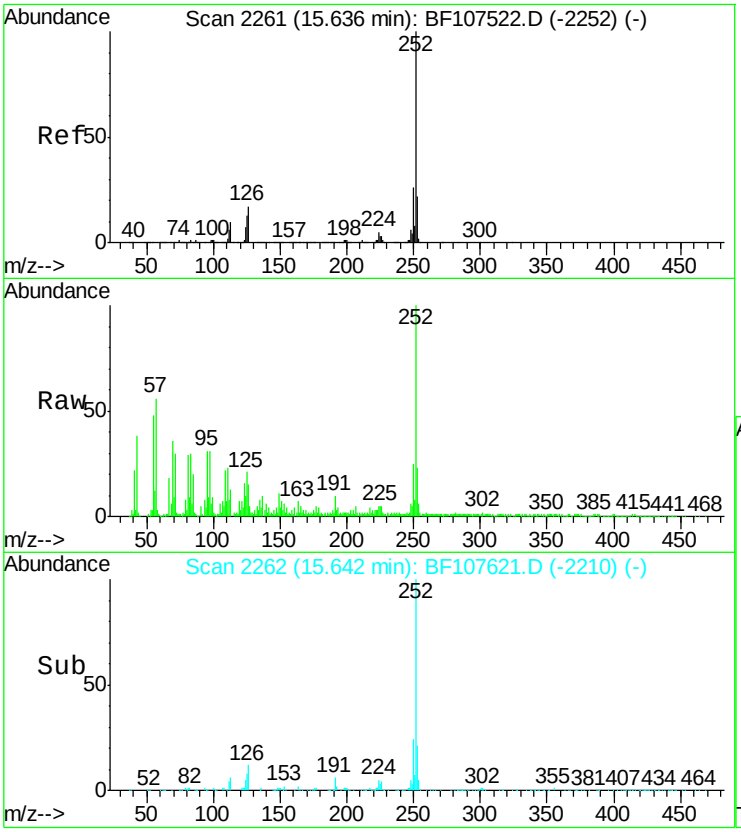


#88
Benzo(k)fluoranthene
Concen: 57.326 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:252 Resp: 1303336

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	16.6	10.2	15.2#



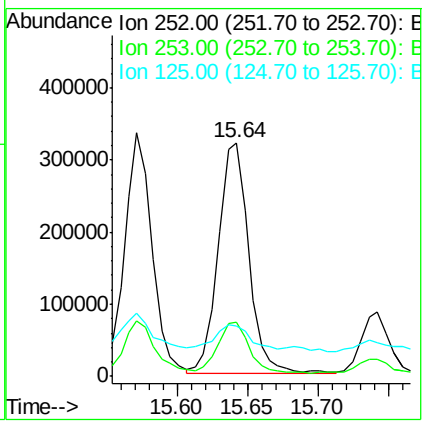


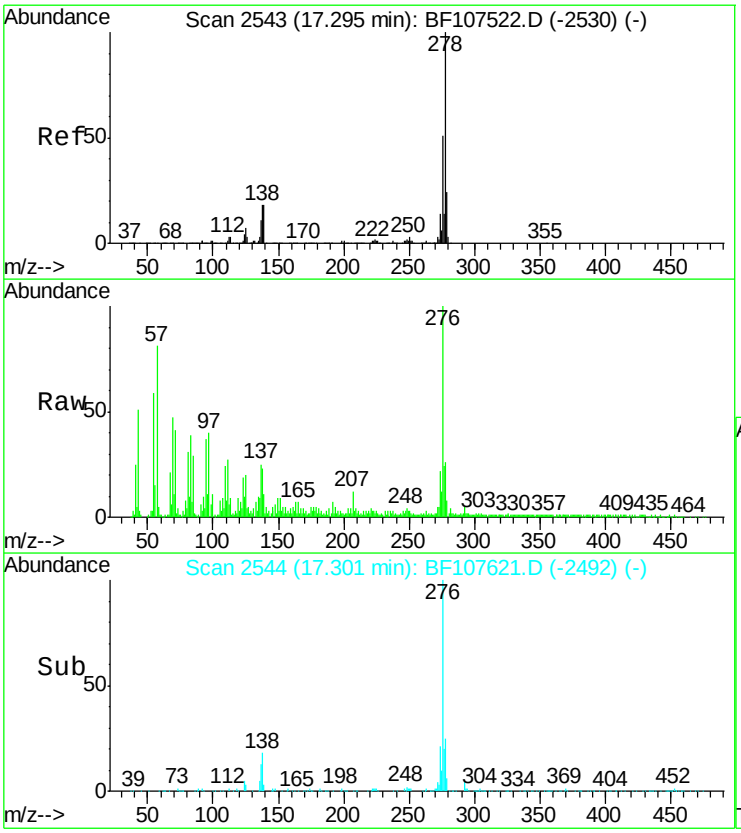
#89
Benzo(a)pyrene
Concen: 22.849 ng
RT: 15.64 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:252 Resp: 485016

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	21.3	9.8	14.6#

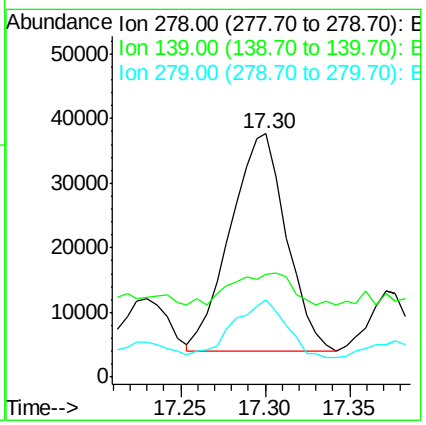


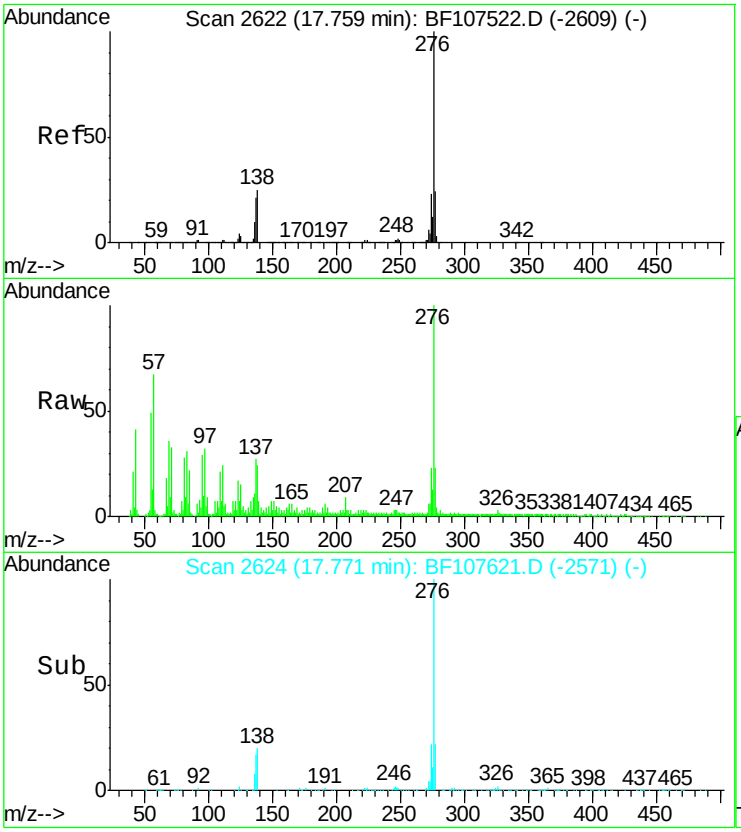


#90
Dibenzo(a,h)anthracene
Concen: 4.217 ng
RT: 17.30 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Tgt Ion:278 Resp: 77388

Ion	Ratio	Lower	Upper
278	100		
139	42.2	15.9	23.9#
279	31.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 20.440 ng
RT: 17.77 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF107621.D
Acq: 24 Jul 2018 16:17

Instrument :
BNA_F
ClientSampleId :
DW-8

Tgt Ion:276 Resp: 369955

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	24.2	21.8	32.8