Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107683.D
Acq On : 26 Jul 2018 4:08
Operator : JU/SJ
Sample : J4144-01DL 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 26 07:53:15 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	167899	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	710011	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	274065	20.00	ng		-0.01
63) Phenanthrene-d10	11.51	188	474887	20.00	ng		0.00
75) Chrysene-d12	14.15	240	393125	20.00	ng		-0.01
86) Perylene-d12	15.69	264	330138	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	136	0.01	ng		0.03
7) Phenol-d6	6.67	99	2964	0.24	ng		0.05
23) Nitrobenzene-d5	7.55	82	1415	0.13	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	1562	0.50	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	13422	-1.00	ng		-0.01
78) Terphenyl-d14	13.08	244	12480	0.81	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	1276	Below Cal		#	1
31) Naphthalene	8.27	128	1400474	44.855	ng		99
32) Benzoic acid	8.27	122	2783	8.245	ng	#	1
33) 4-Chloroaniline	8.27	127	186612	13.675	ng	#	34
37) 2-Methylnaphthalene	8.97	142	337780	15.612	ng		100
45) 1,1'-Biphenyl	9.42	154	72072	3.019	ng		99
48) Acenaphthylene	9.87	152	110340	4.025	ng		98
50) 2,6-Dinitrotoluene	10.01	165	40355	9.840	ng	#	26
51) Acenaphthene	10.04	154	201914	11.756	ng		99
54) Dibenzofuran	10.22	168	229048	9.058	ng		98
55) 4-Nitrophenol	10.22	139	82279	22.028	ng	#	10
57) Fluorene	10.56	166	219613	12.174	ng		94
64) 4,6-Dinitro-2-methylphenol	10.86	198	721	8.938	ng		94
70) Phenanthrene	11.53	178	736014	31.805	ng		100
71) Anthracene	11.58	178	227738	9.774	ng		98
73) Di-n-butylphthalate	12.04	149	388	Below Cal		#	1
74) Fluoranthene	12.72	202	501374	20.190	ng		95
77) Pyrene	12.95	202	401637	14.936	ng		97
80) Benzo(a)anthracene	14.14	228	174591	7.578	ng		94
81) 3,3'-Dichlorobenzidine	14.19	252	1493	Below Cal		#	1
82) Chrysene	14.18	228	135082	6.104	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	39796	2.122	ng		95
87) Benzo(b)fluoranthene	15.23	252	166900	9.237	ng		99
88) Benzo(k)fluoranthene	15.23	252	166900	9.428	ng		97
89) Benzo(a)pyrene	15.62	252	93227	5.641	ng		99
91) Benzo(g,h,i)perylene	17.74	276	33420	2.372	ng	#	90

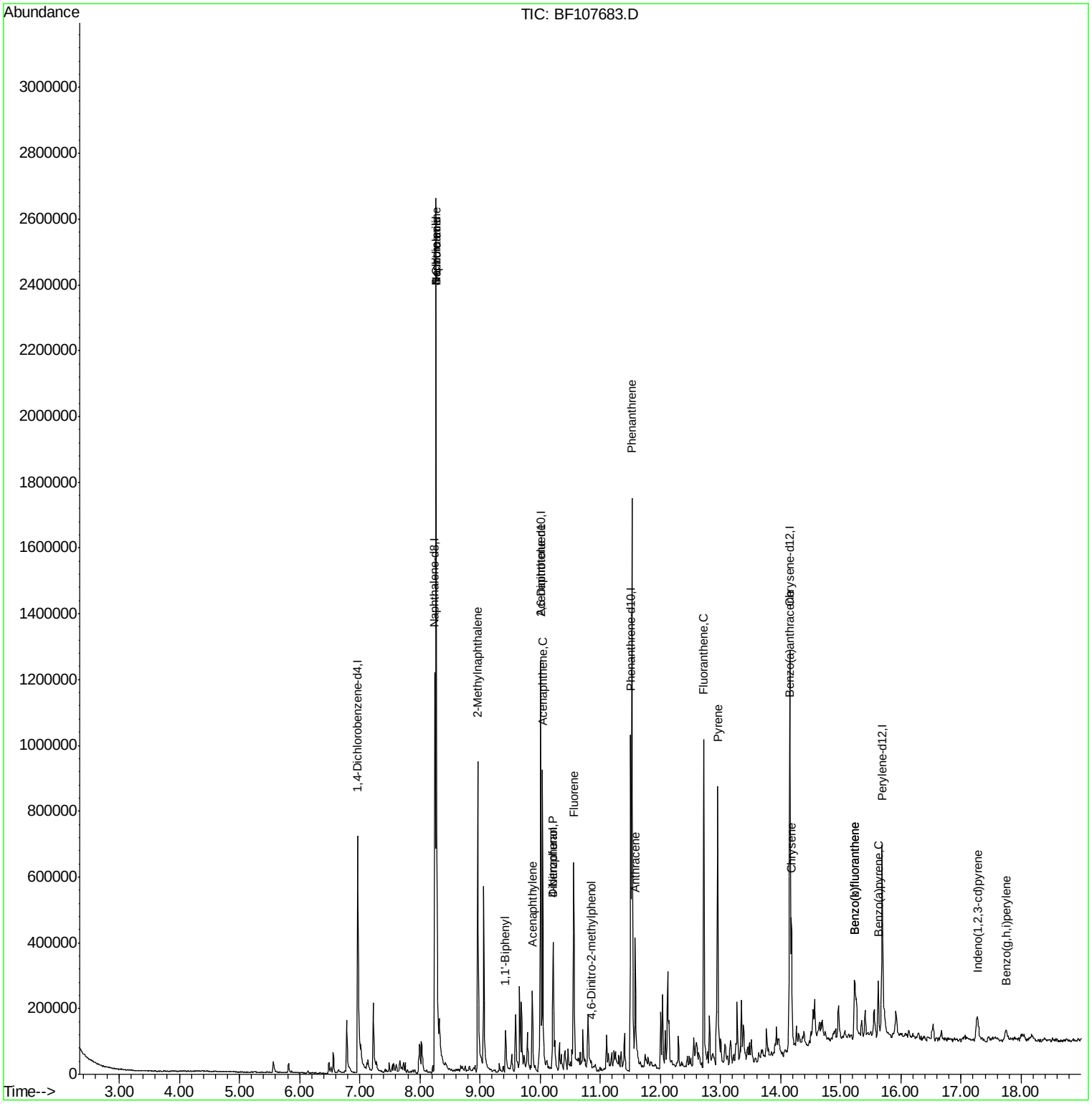
(#) = qualifier out of range (m) = manual integration (+) = signals summed

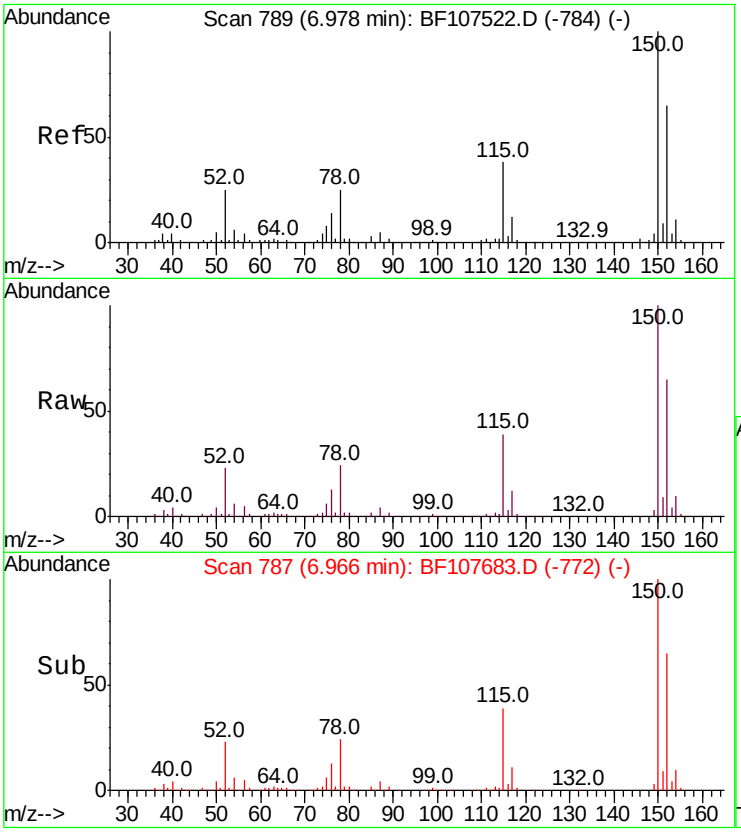
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107683.D
Acq On : 26 Jul 2018 4:08
Operator : JU/SJ
Sample : J4144-01DL 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 26 07:53:15 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



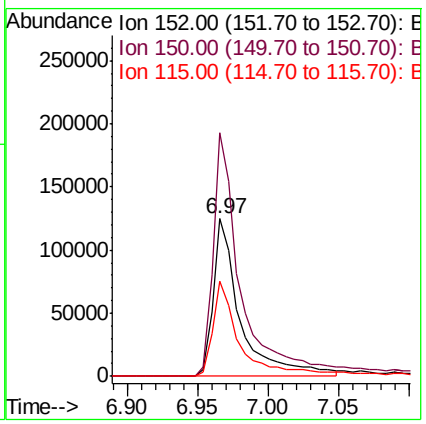


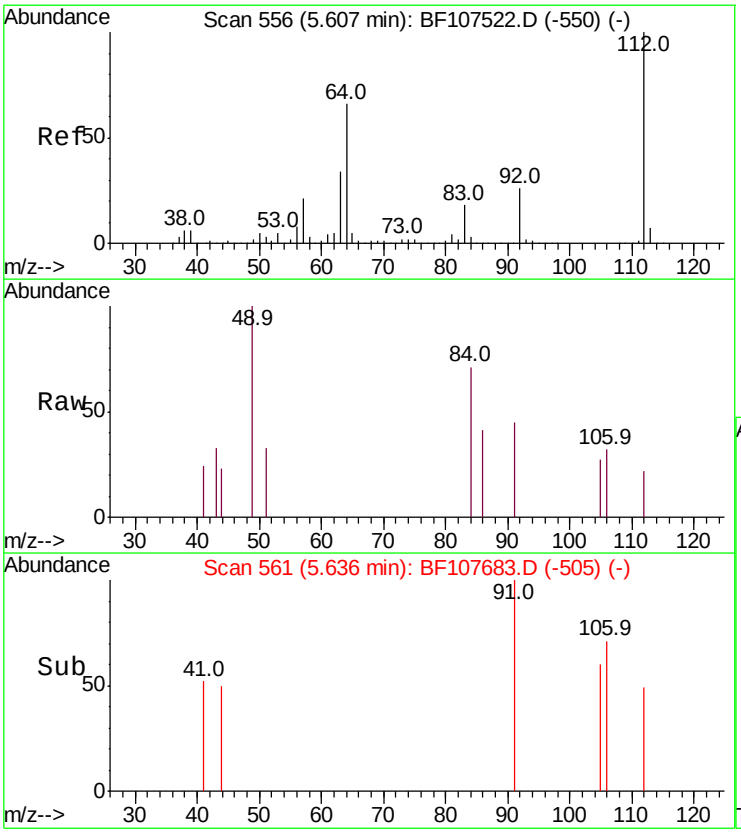
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 167899

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	60.3	50.1	75.1

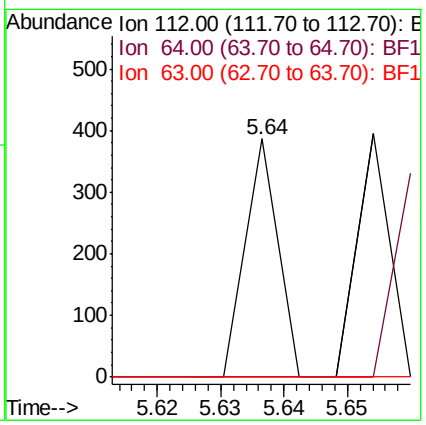


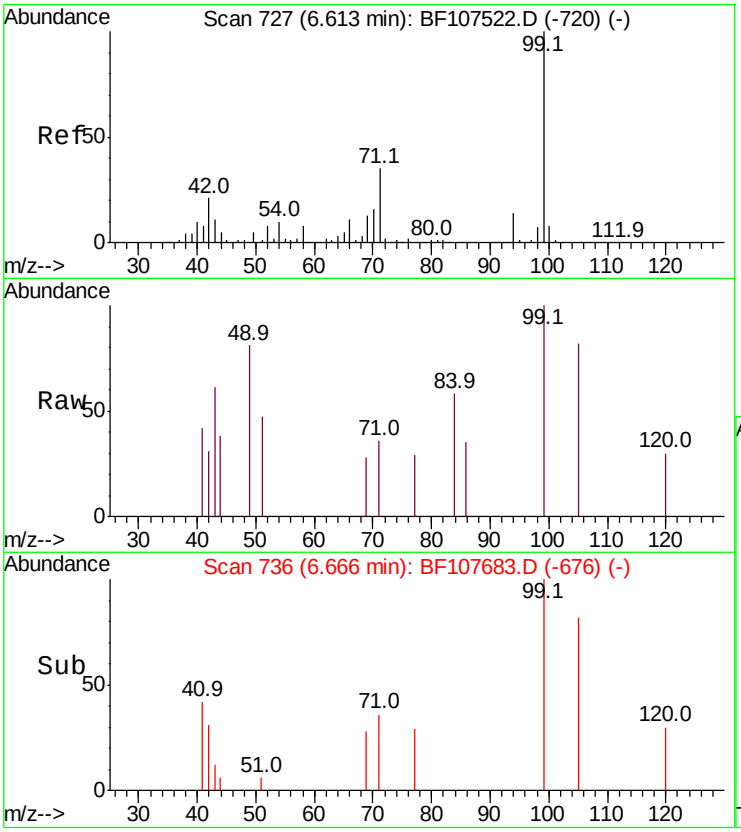


#5
2-Fluorophenol
Concen: 0.013 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.03 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:112 Resp: 136

Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	23.7	35.5#



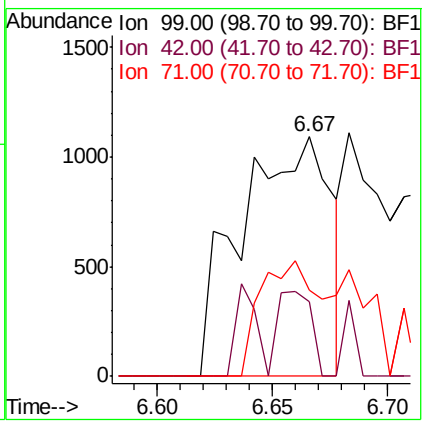


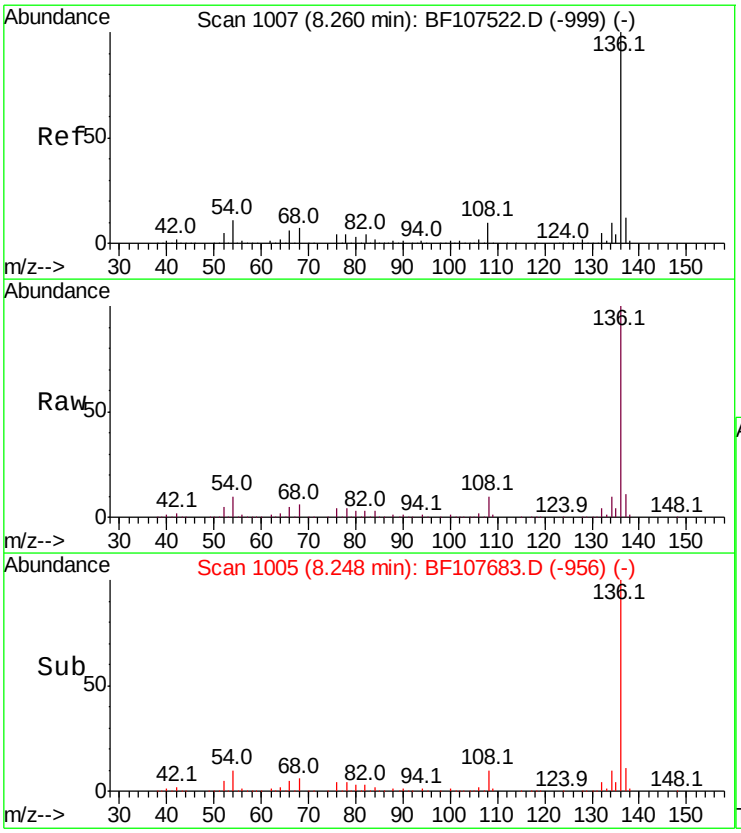
#7
Phenol-d6
Concen: 0.236 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.05 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2964

Ion	Ratio	Lower	Upper
99	100		
42	31.1	14.5	21.7#
71	36.3	25.4	38.0

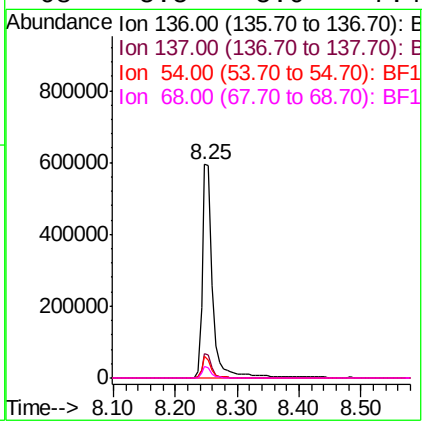


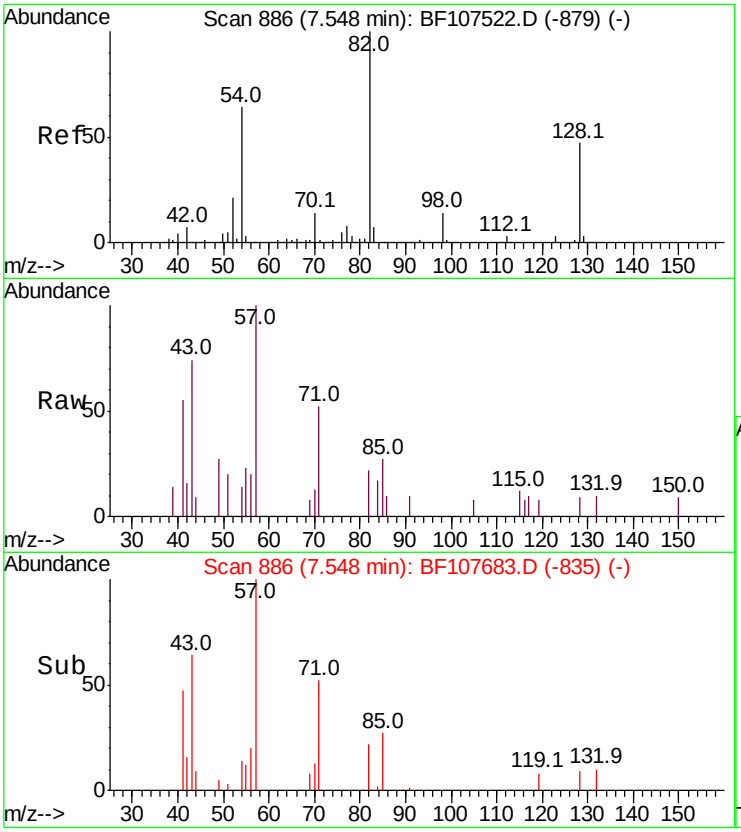


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:136 Resp: 710011

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.1	6.6	9.8#
68	5.5	5.0	7.4



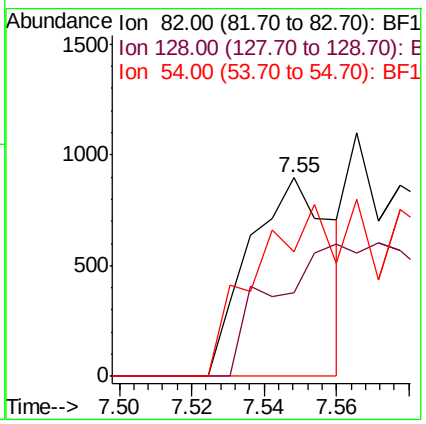


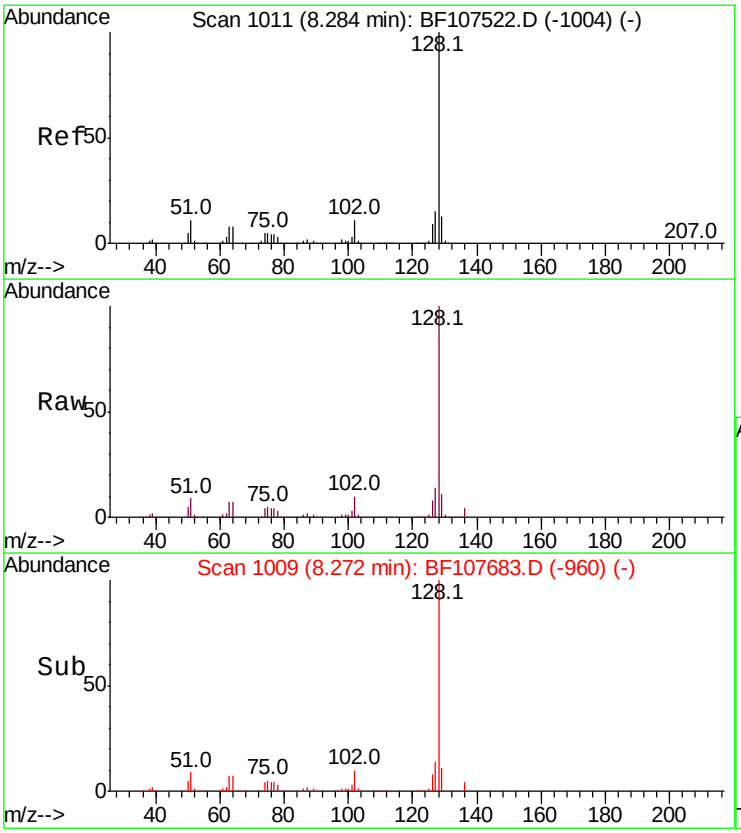
#23
Nitrobenzene-d5
Concen: 0.134 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1415

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	62.6	41.4	62.2#

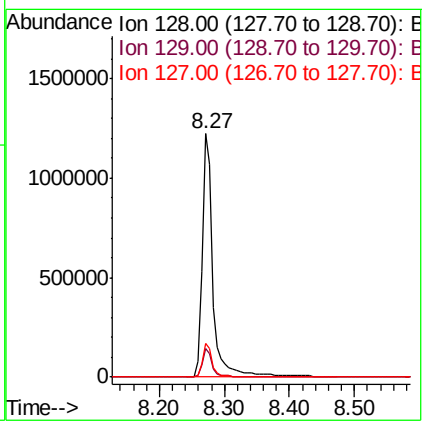


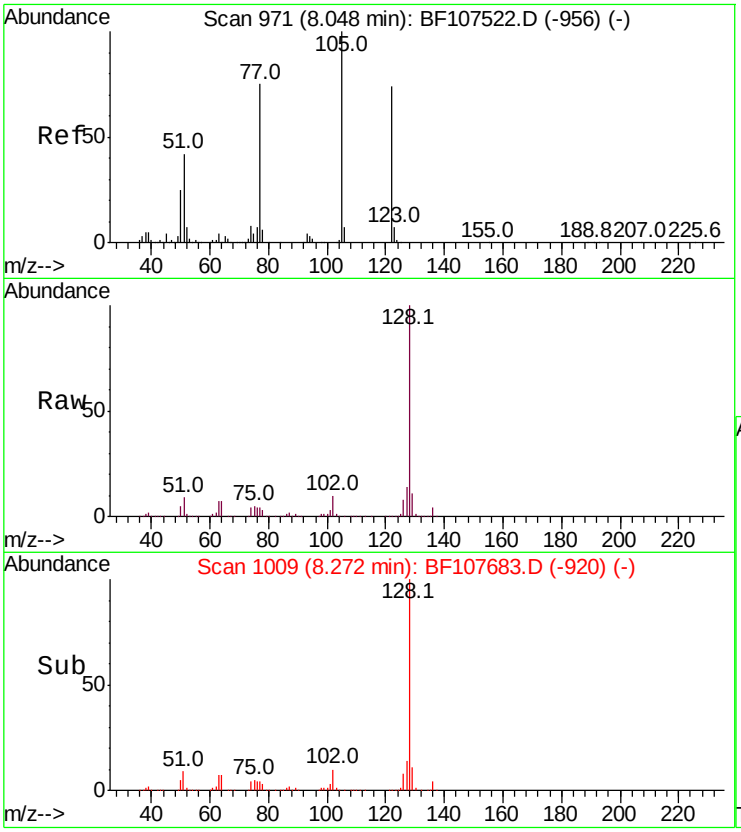


#31
Naphthalene
Concen: 44.855 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:128 Resp: 1400474

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.9	10.9	16.3



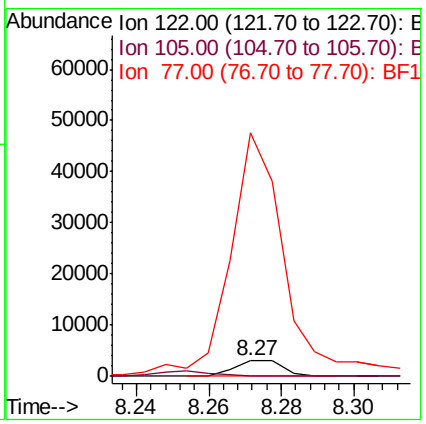


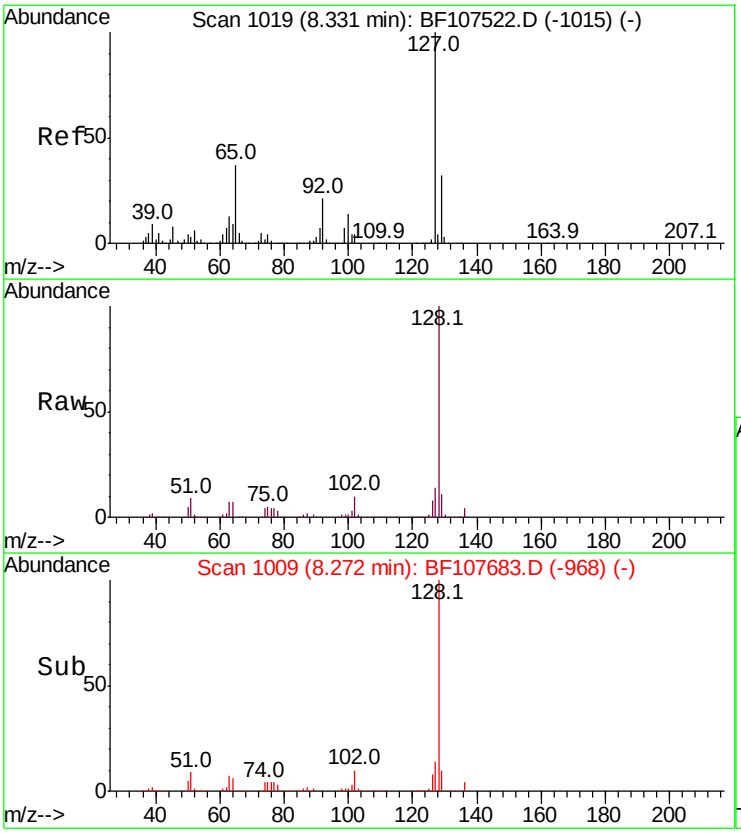
#32
Benzoic acid
Concen: 8.245 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.22 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 2783

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	1563.0	70.7	110.7#

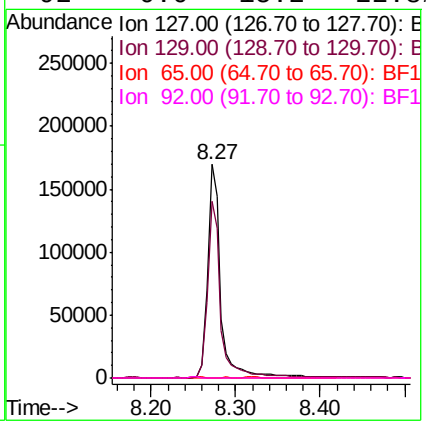


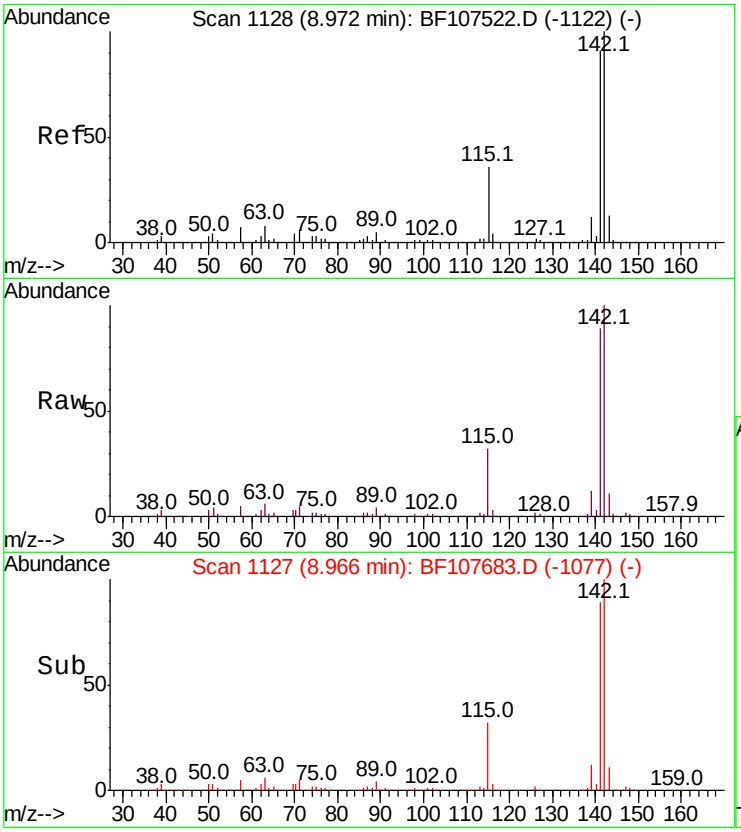


#33
4-Chloroaniline
Concen: 13.675 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:127 Resp: 186612

Ion	Ratio	Lower	Upper
127	100		
129	82.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



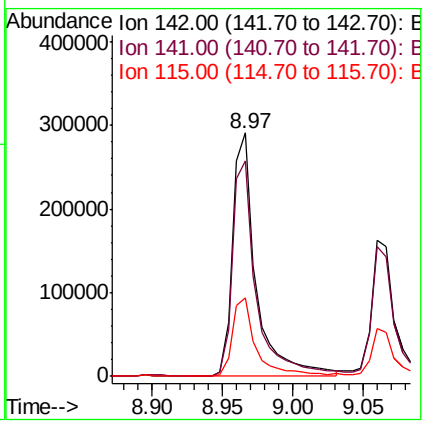


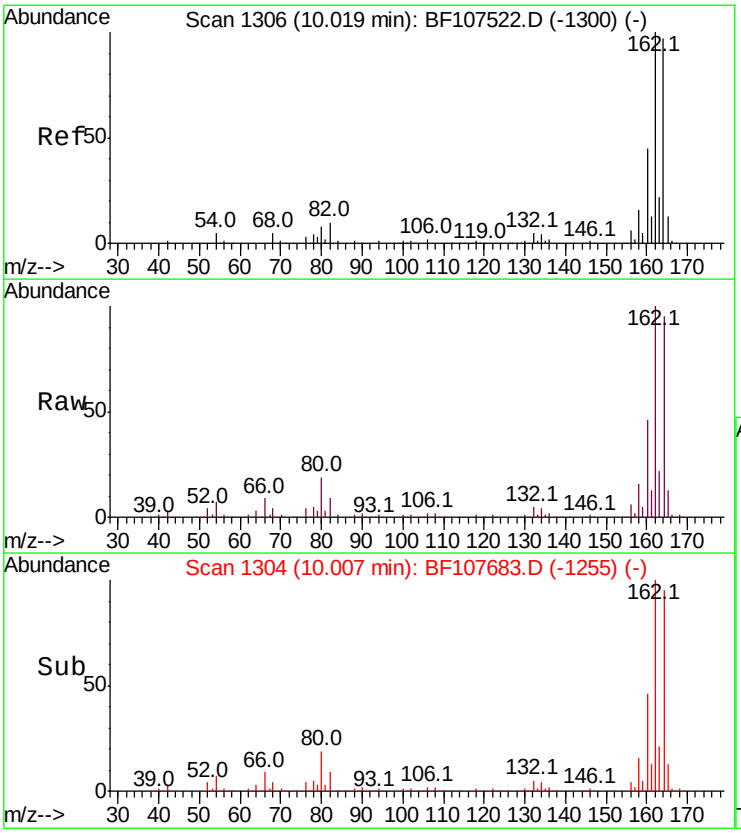
#37
2-Methylnaphthalene
Concen: 15.612 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 337780

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	32.2	26.1	39.1

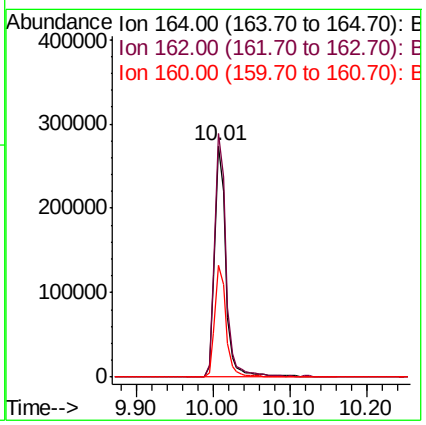


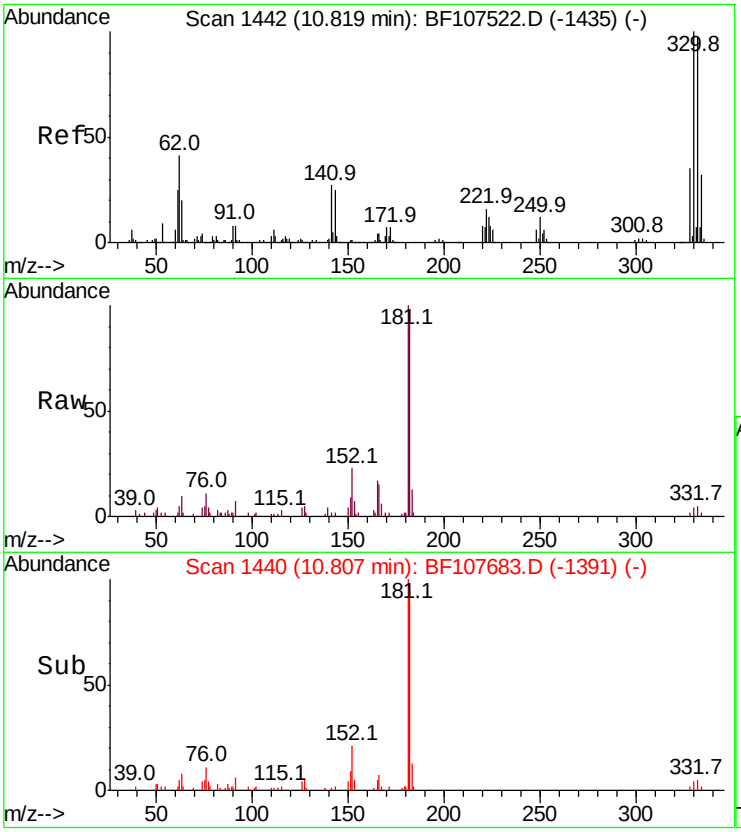


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:164 Resp: 274065

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	48.4	38.3	57.5



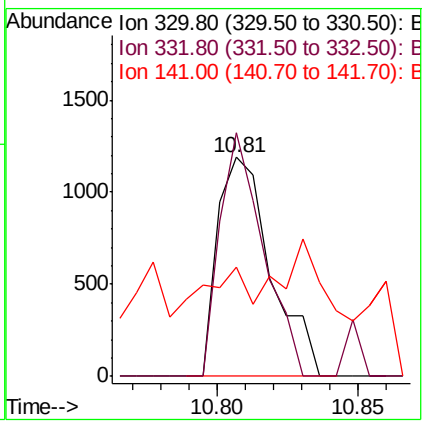


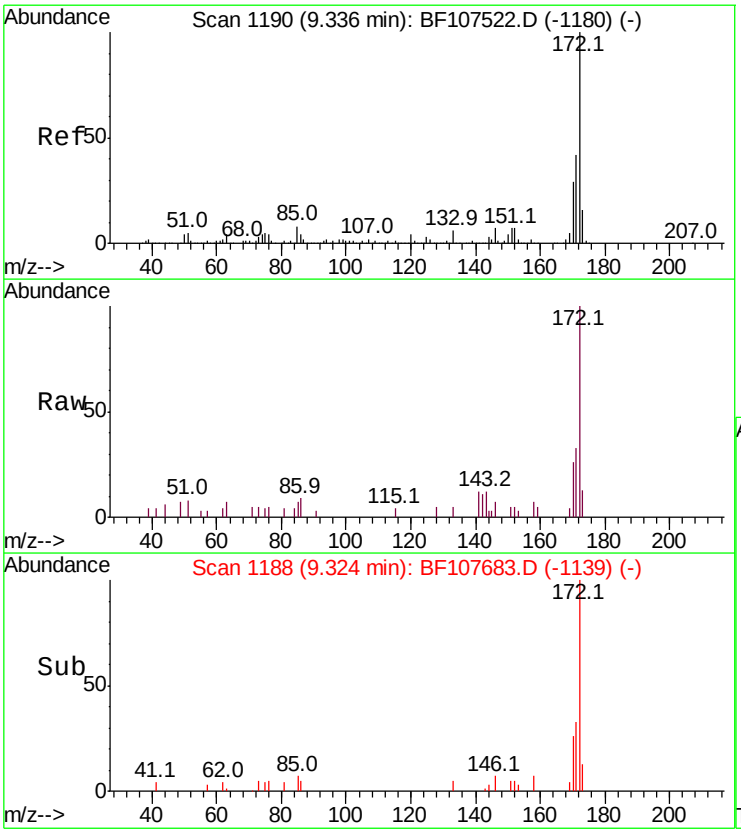
#41
2,4,6-Tribromophenol
Concen: 0.501 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 1562

Ion	Ratio	Lower	Upper
330	100		
332	90.2	77.0	115.6
141	44.2	29.9	44.9

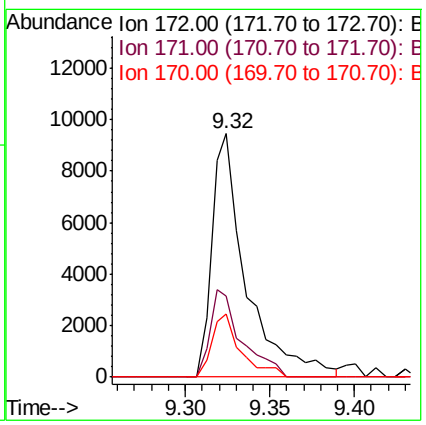


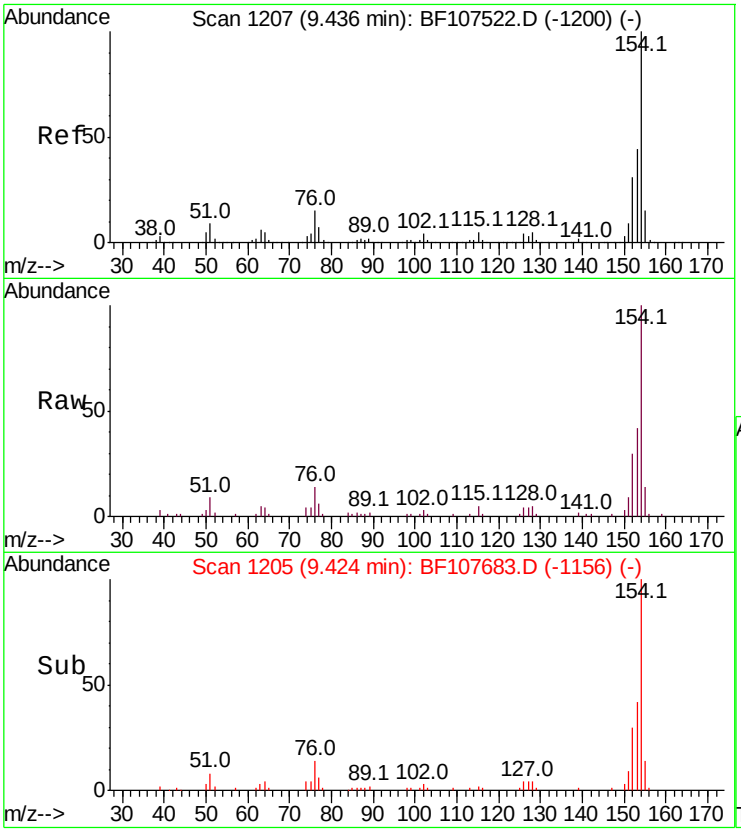


#44
2-Fluorobiphenyl
Concen: -1.000 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:172 Resp: 13422

Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.7	44.5
170	25.9	19.6	29.4

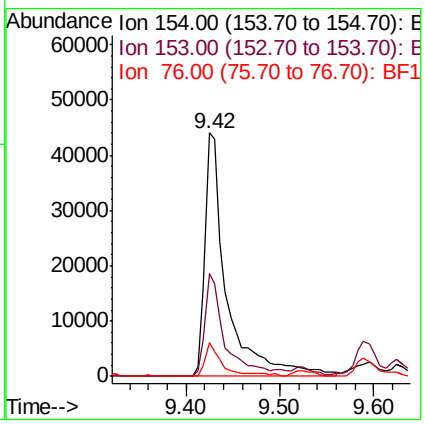




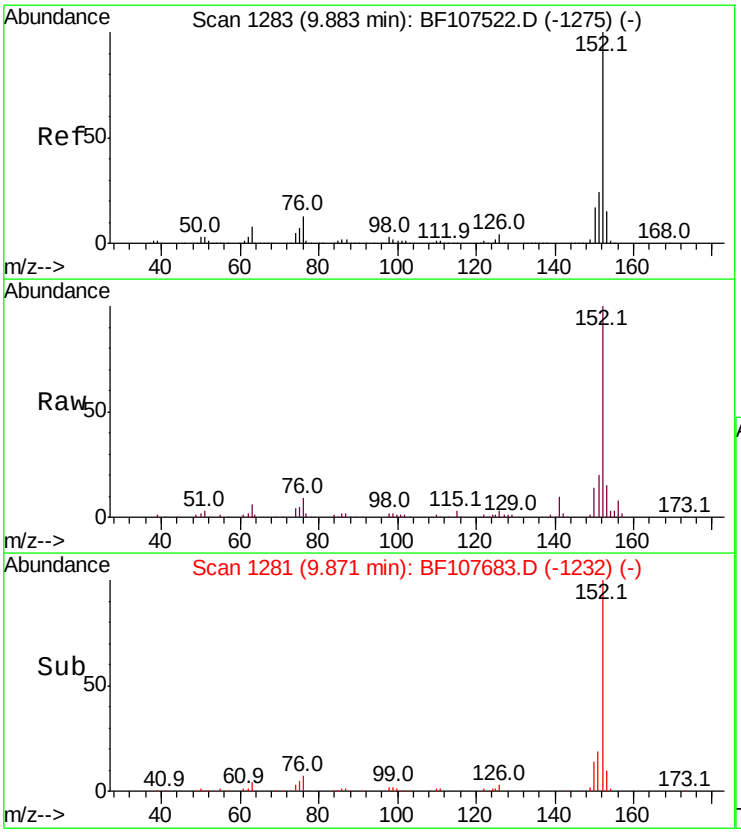
#45
1,1'-Biphenyl
Concen: 3.019 ng
RT: 9.42 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:154 Resp: 72072

Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.3	61.3
76	13.6	0.0	34.0



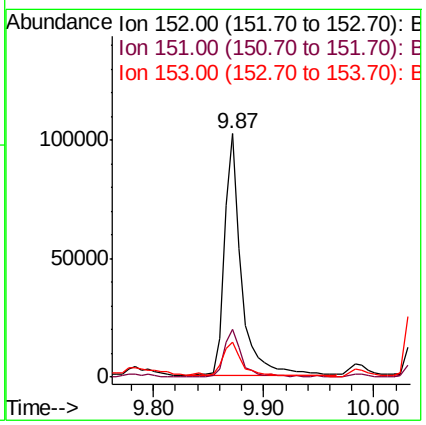
Instrument :
BNA_F
ClientSampleId :

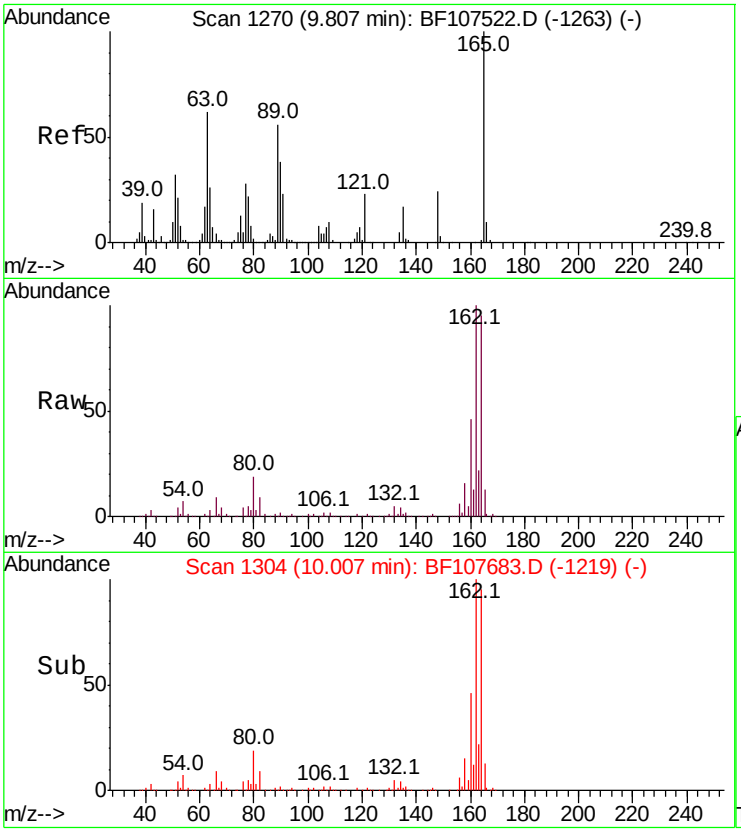


#48
Acenaphthylene
Concen: 4.025 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:152 Resp: 110340

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	14.6	10.7	16.1



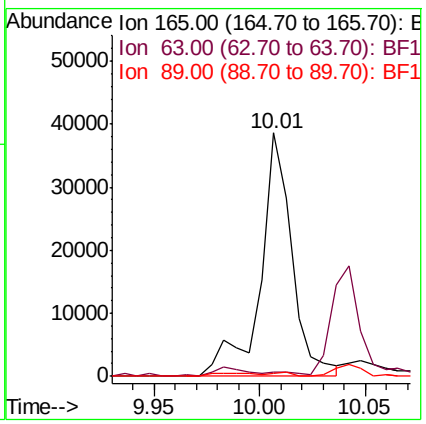


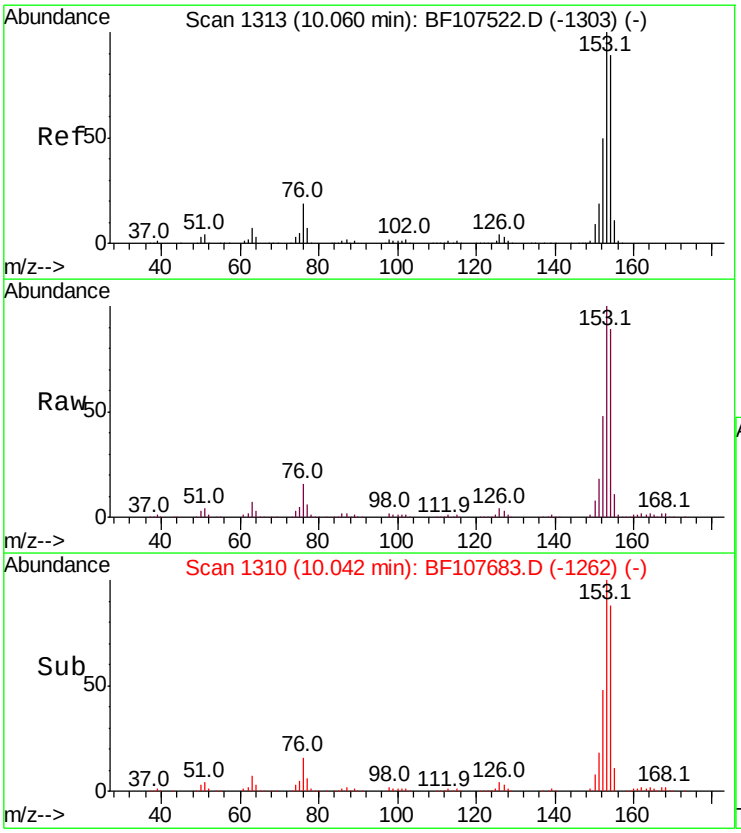
#50
2,6-Dinitrotoluene
Concen: 9.840 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40355

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.5	44.0	66.0#

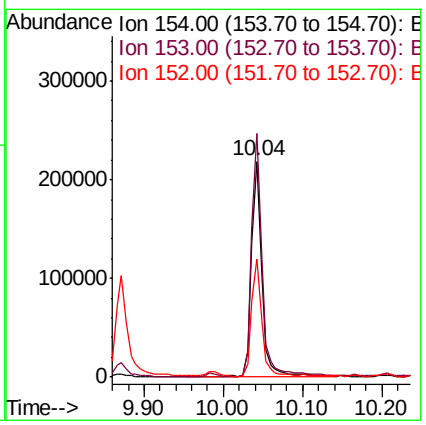


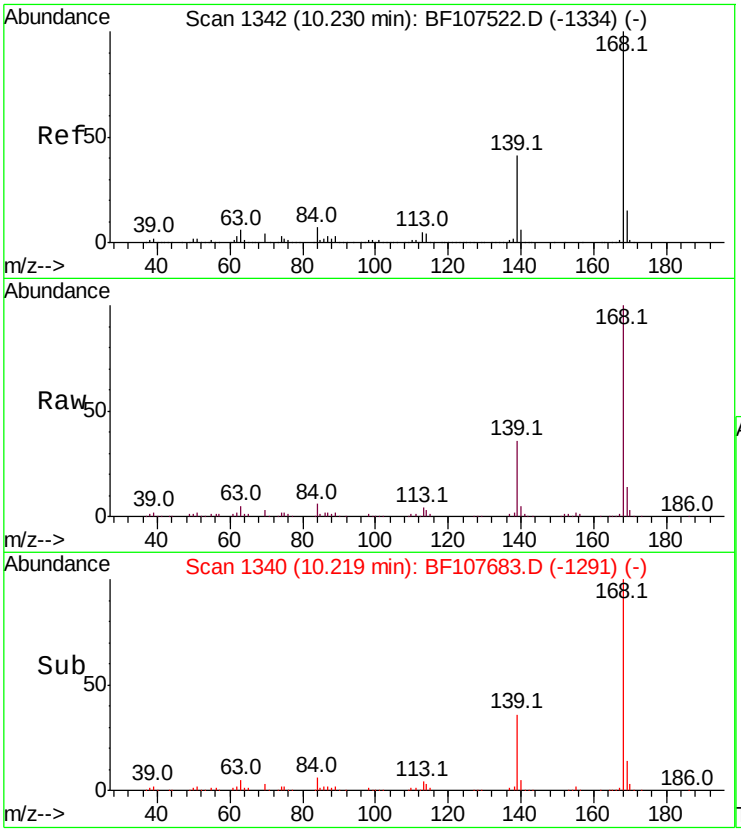


#51
Acenaphthene
Concen: 11.756 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:154 Resp: 201914

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.2	136.8
152	54.6	43.8	65.8



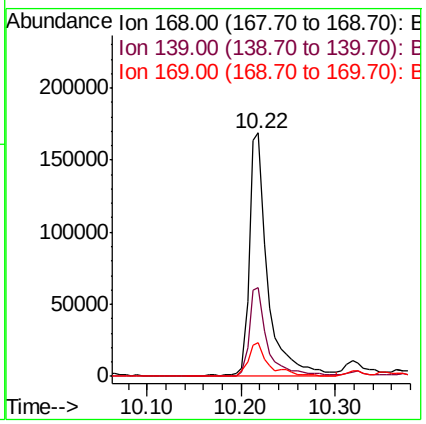


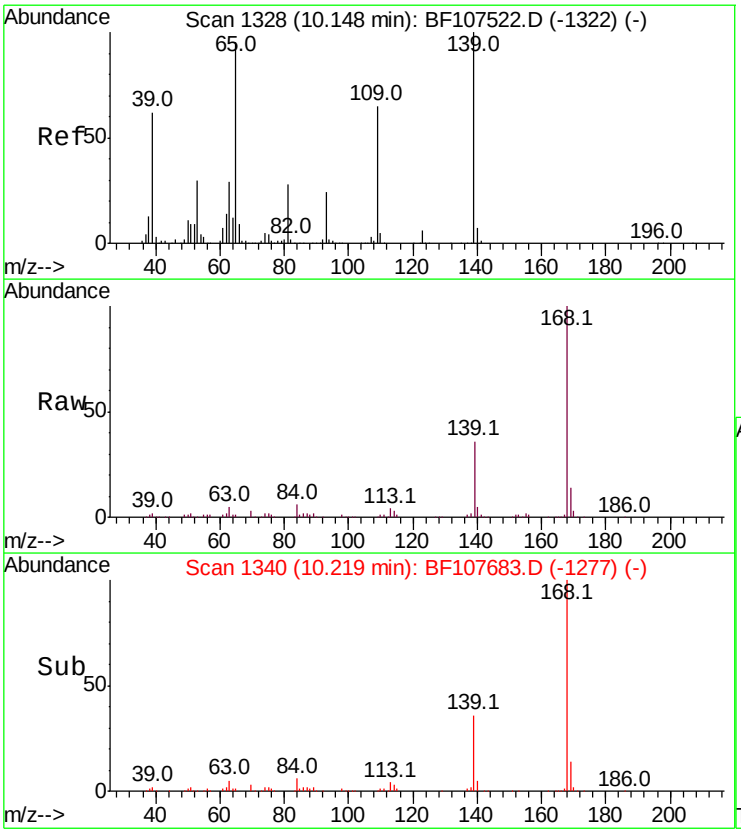
#54
Dibenzofuran
Concen: 9.058 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 229048

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.1	45.1
169	13.7	10.9	16.3

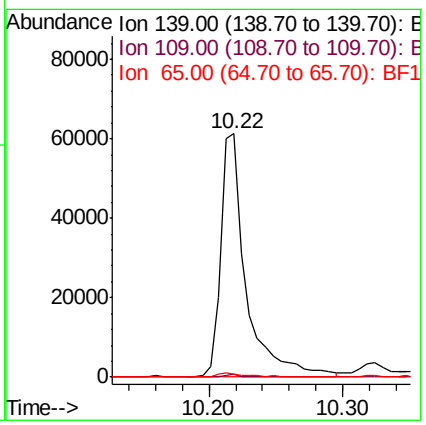


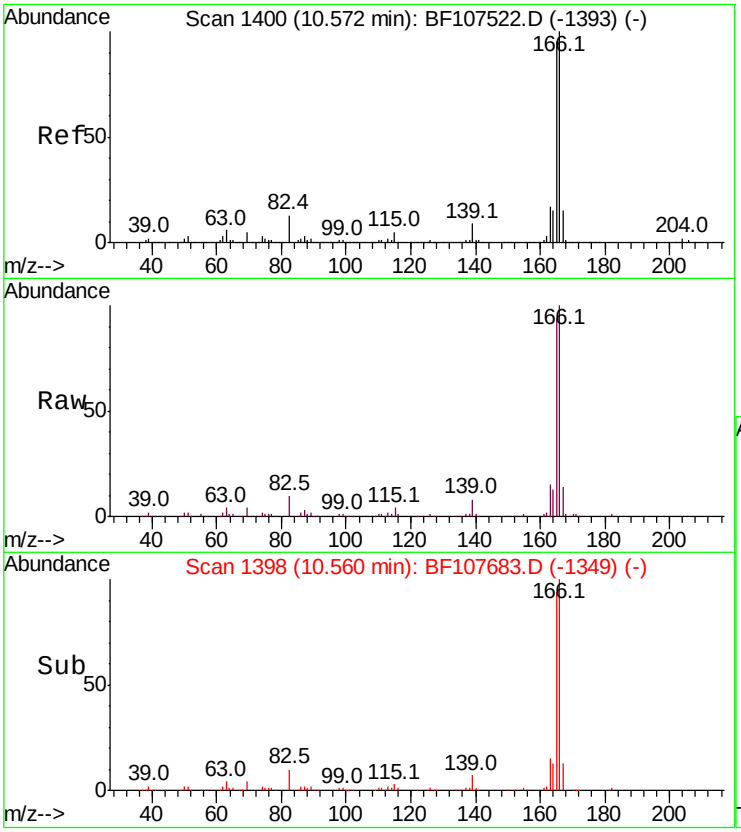


#55
4-Nitrophenol
Concen: 22.028 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.07 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:139 Resp: 82279

Ion	Ratio	Lower	Upper
139	100		
109	1.0	48.4	88.4#
65	1.4	72.6	112.6#



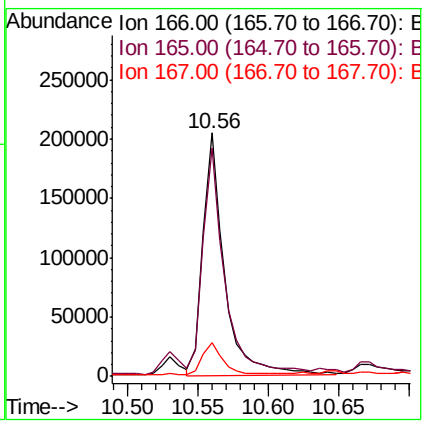


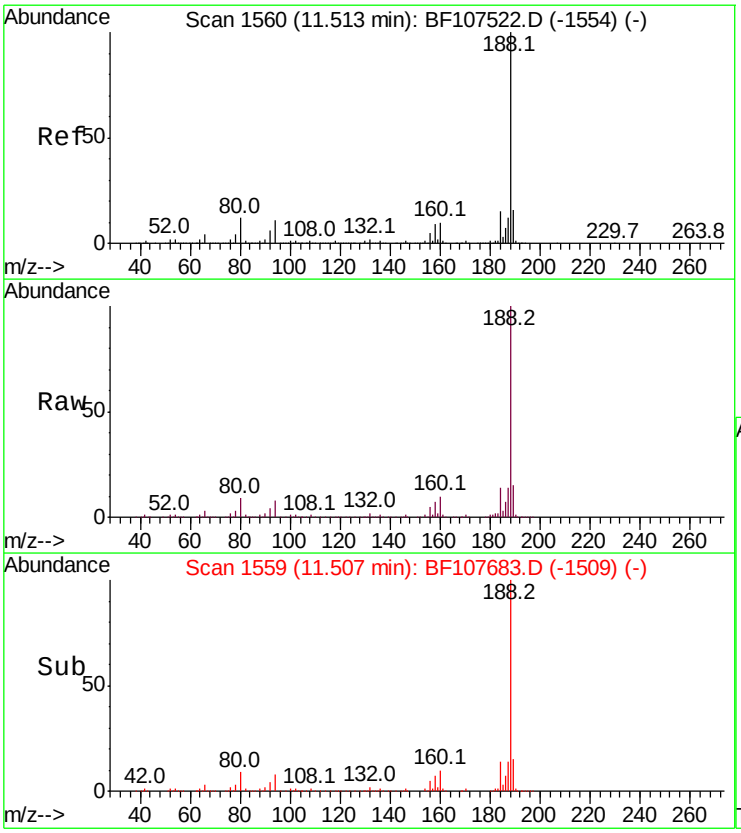
#57
Fluorene
Concen: 12.174 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 219613

Ion	Ratio	Lower	Upper
166	100		
165	93.7	79.8	119.8
167	13.6	10.6	16.0

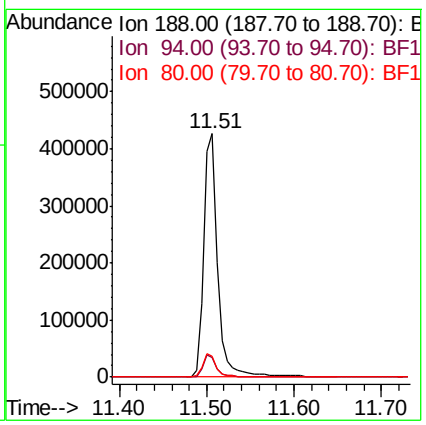


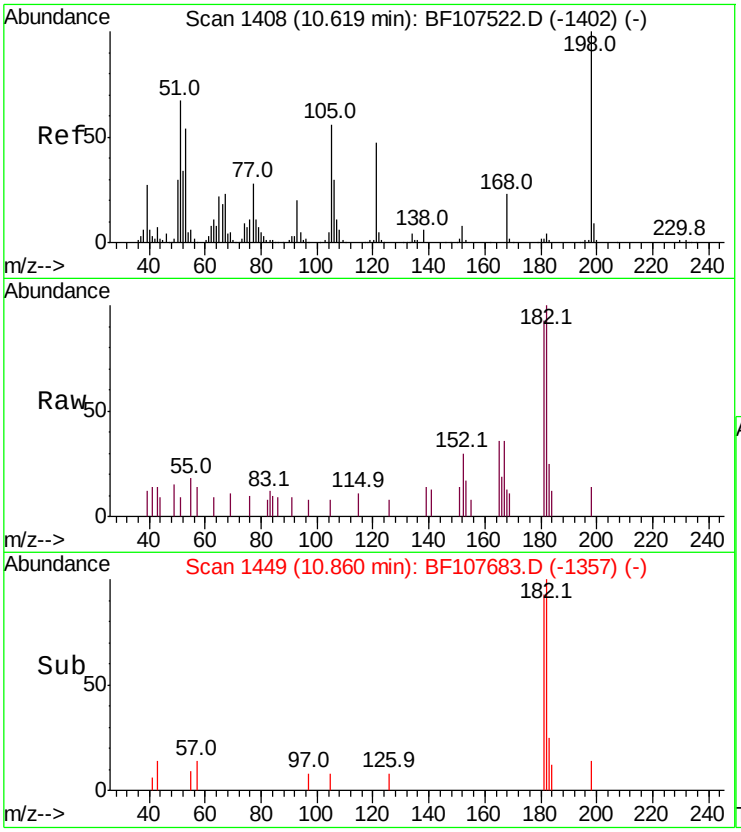


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:188 Resp: 474887

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.7	9.2	13.8#



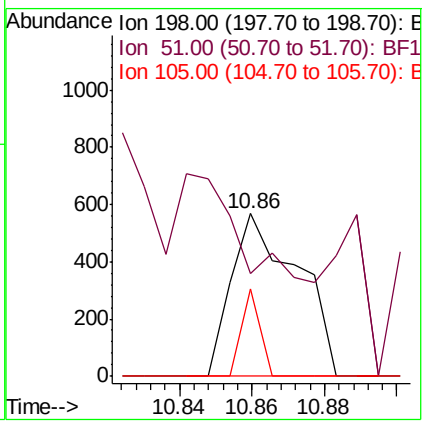


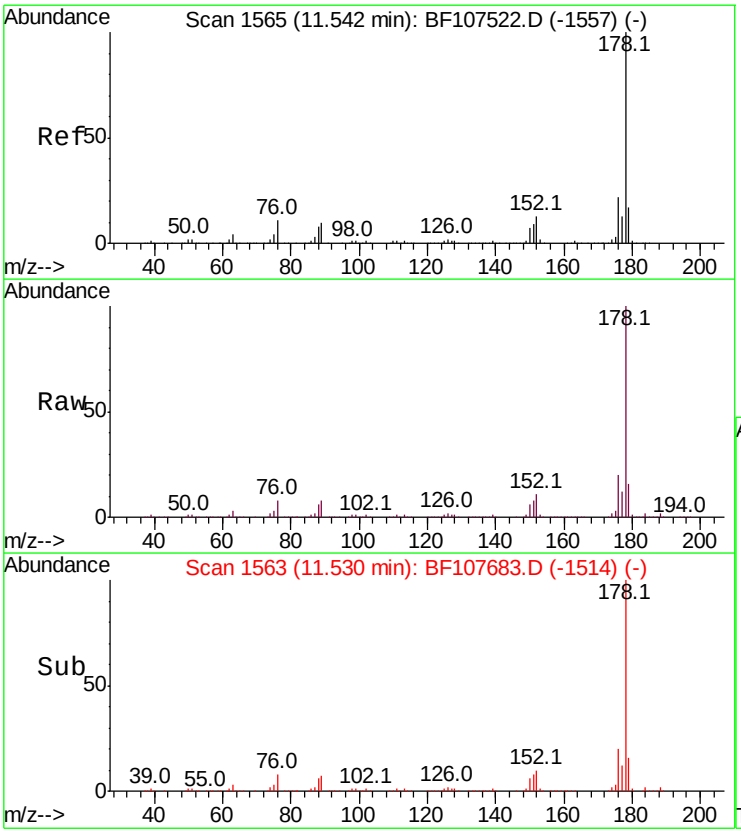
#64
4,6-Dinitro-2-methylphenol
Concen: 8.938 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.24 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 721

Ion	Ratio	Lower	Upper
198	100		
51	63.4	37.7	77.7
105	53.6	36.3	76.3

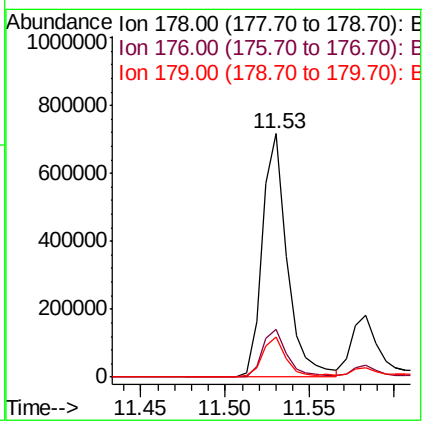


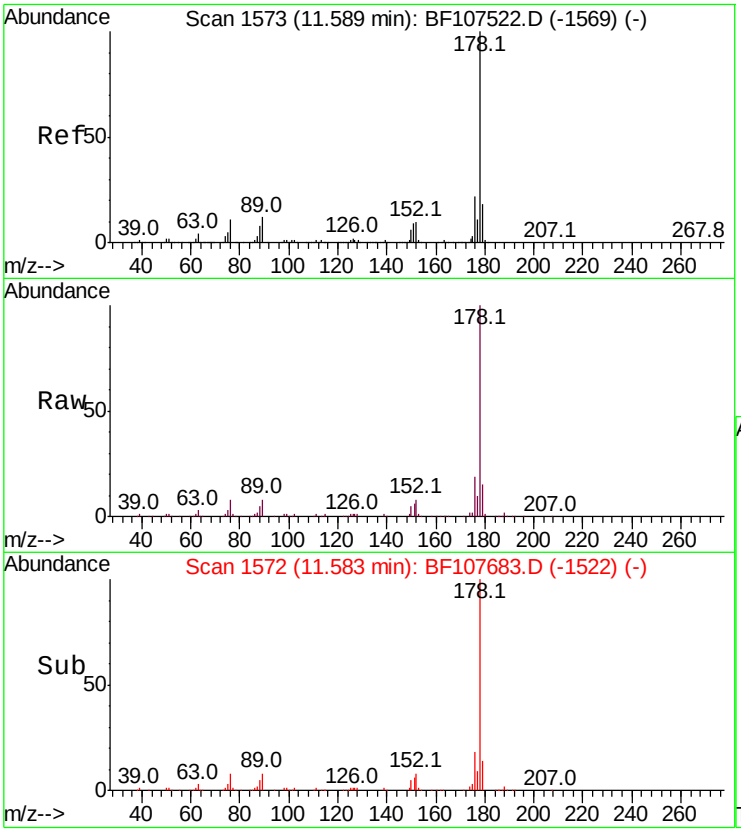


#70
Phenanthrene
Concen: 31.805 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:178 Resp: 736014

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	16.4	13.0	19.6



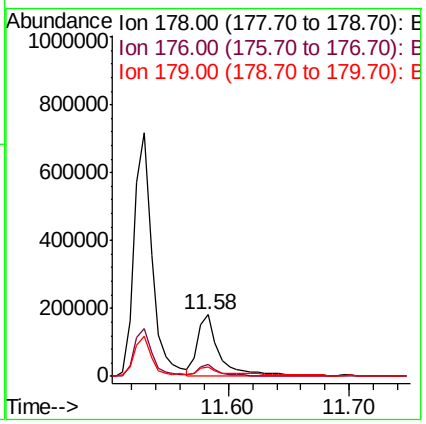


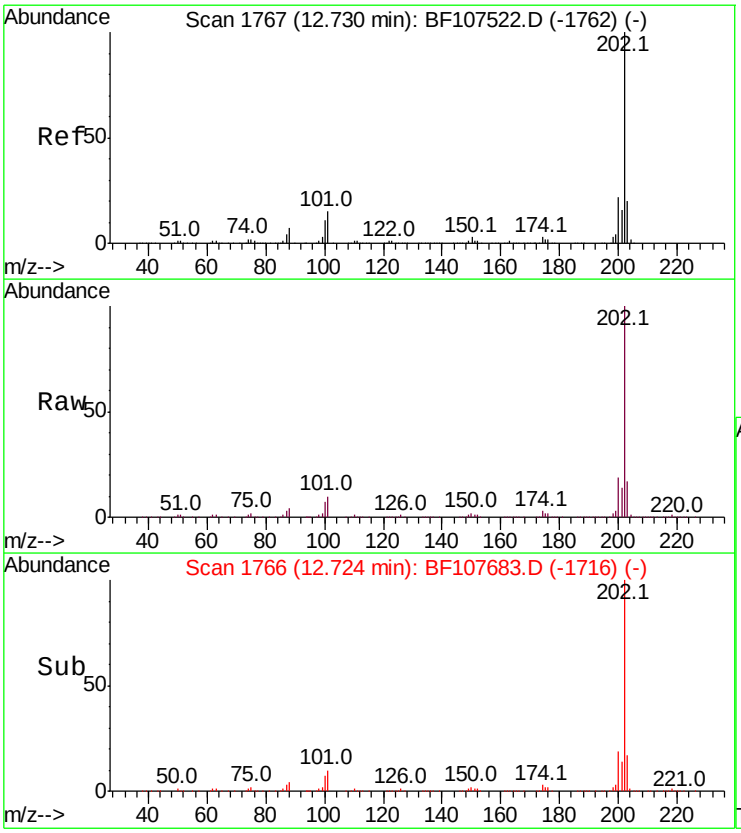
#71
Anthracene
Concen: 9.774 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 227738

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.1	12.6	19.0

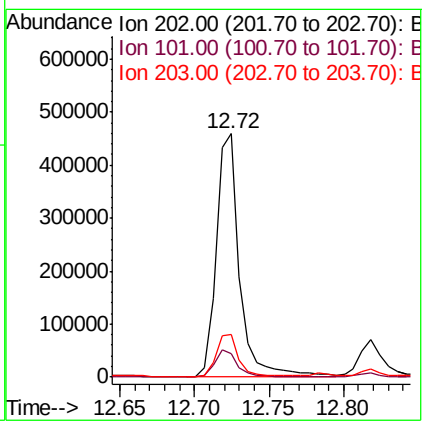


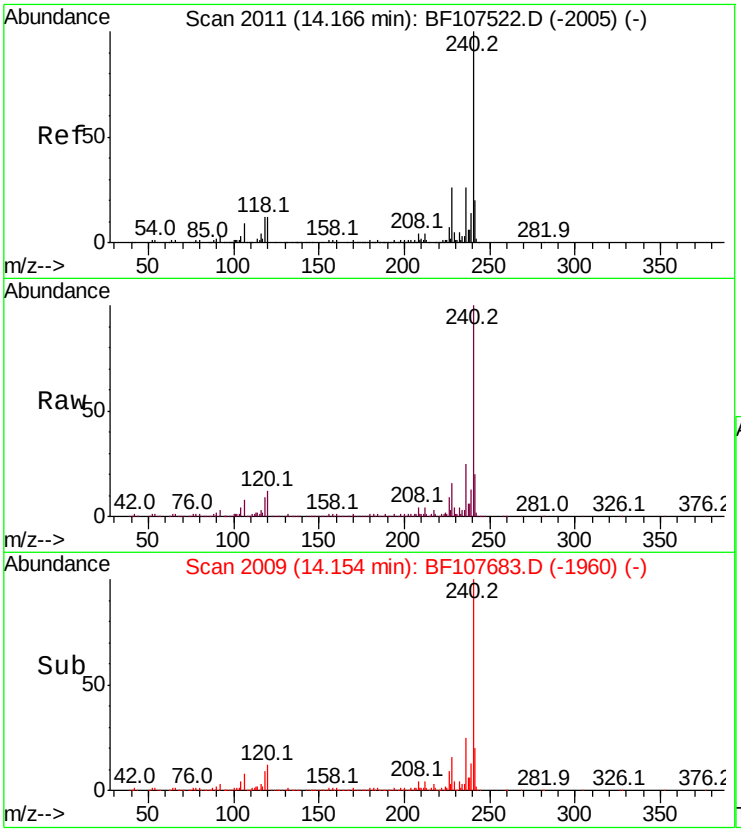


#74
Fluoranthene
Concen: 20.190 ng
RT: 12.72 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:202 Resp: 501374

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	17.4	0.0	38.1



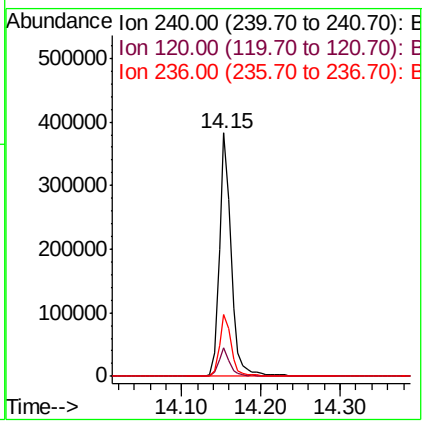


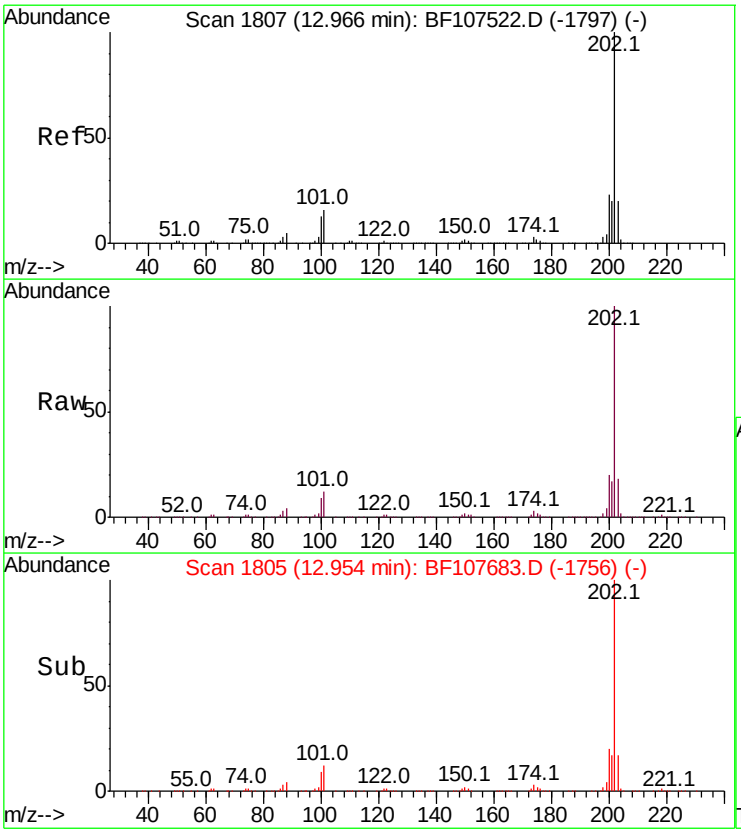
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 393125

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.5	20.7	31.1

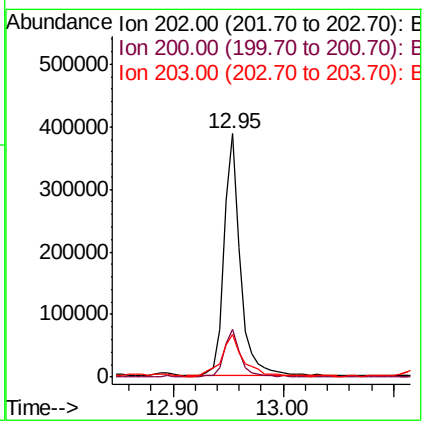


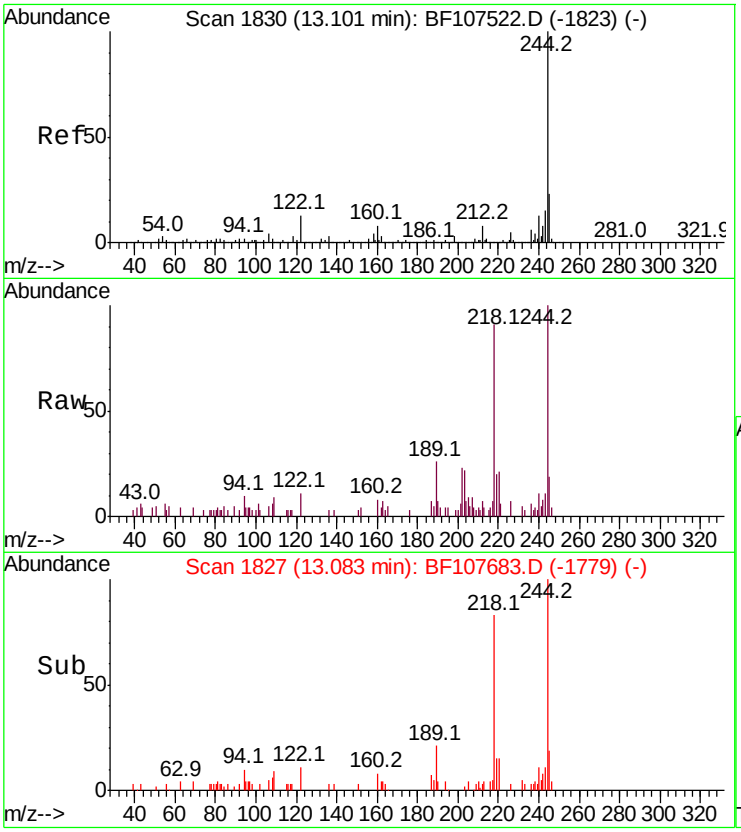


#77
Pyrene
Concen: 14.936 ng
RT: 12.95 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:202 Resp: 401637

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	17.5	14.3	21.5



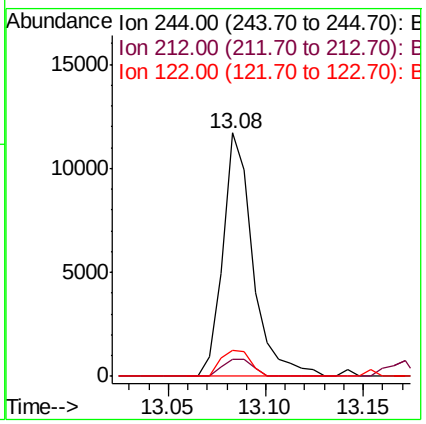


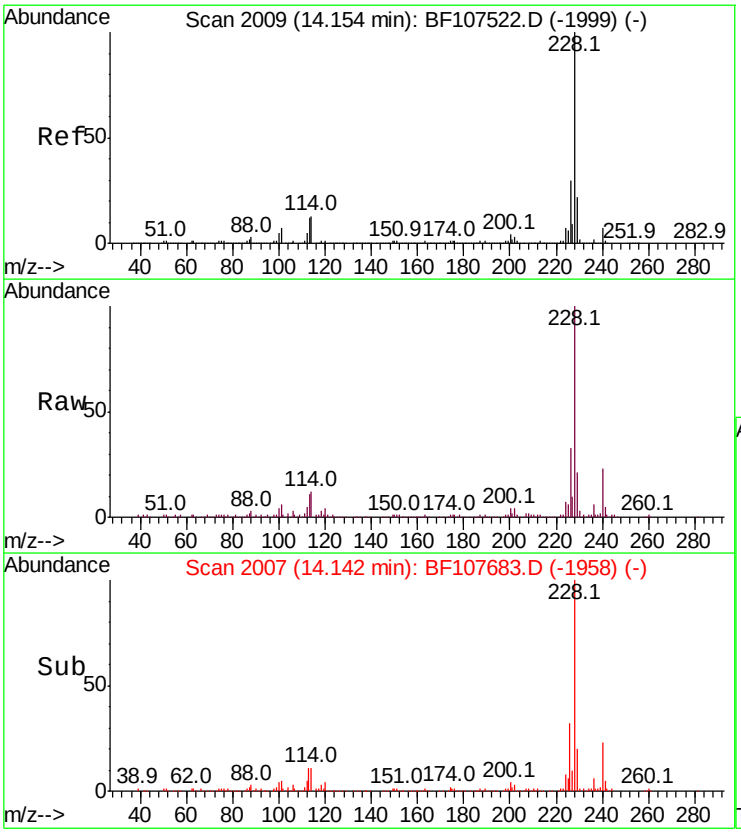
#78
Terphenyl-d14
Concen: 0.813 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 12480

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.6	11.0	16.4#

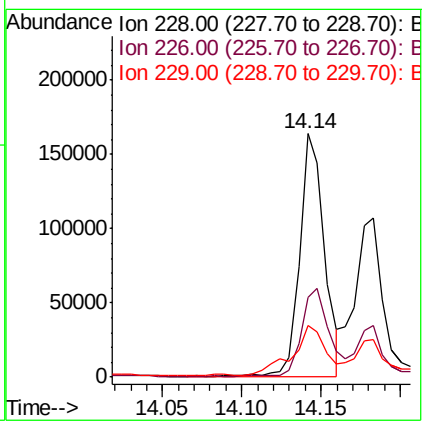


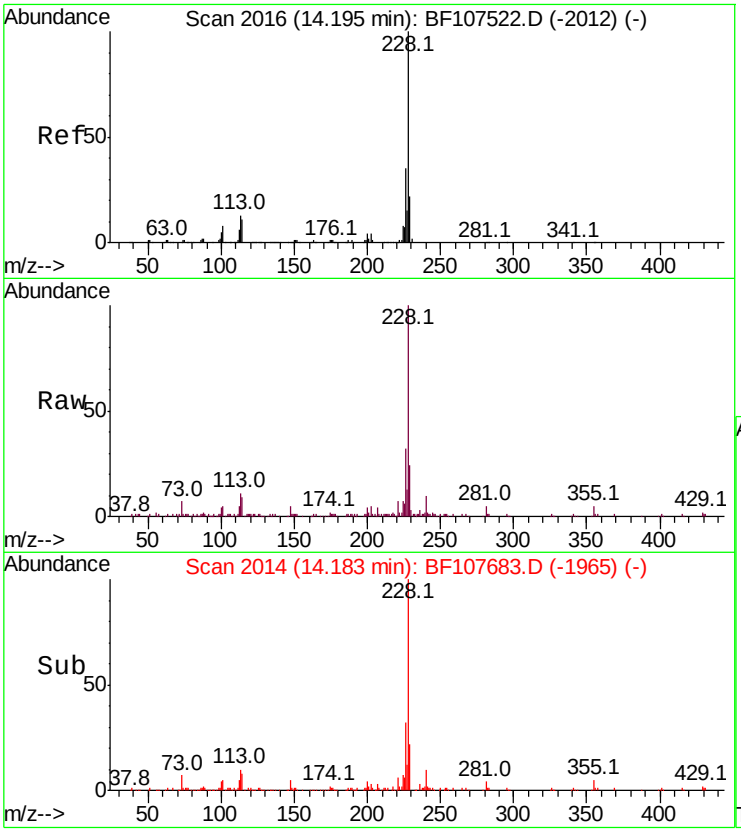


#80
Benzo(a)anthracene
Concen: 7.578 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:228 Resp: 174591

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	21.1	15.8	23.6



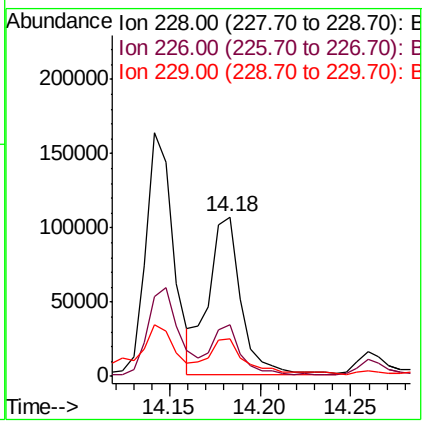


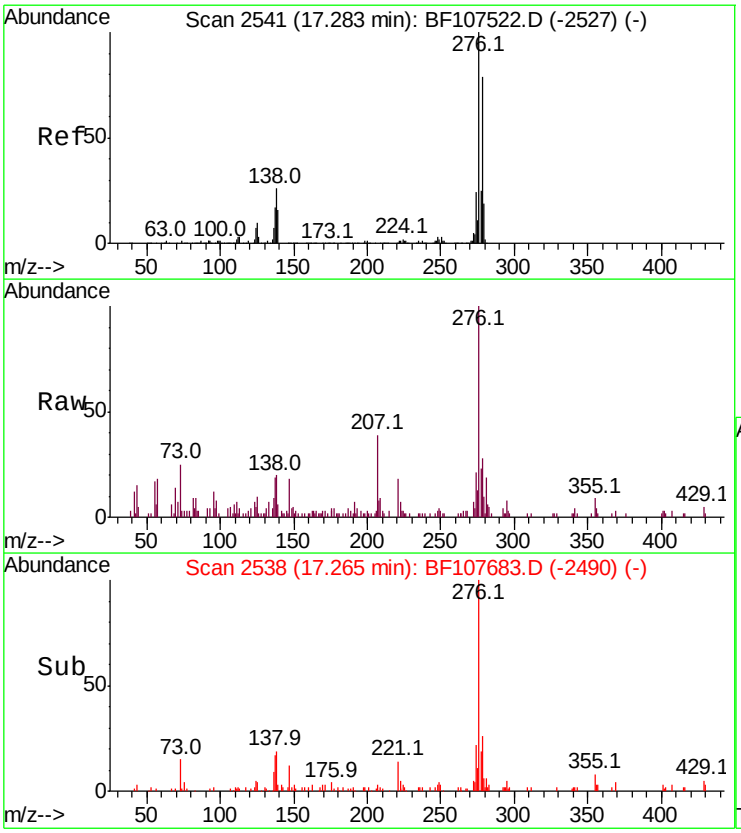
#82
Chrysene
Concen: 6.104 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 135082

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	23.7	16.2	24.4

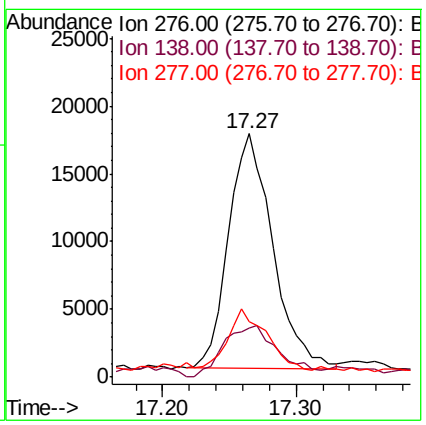


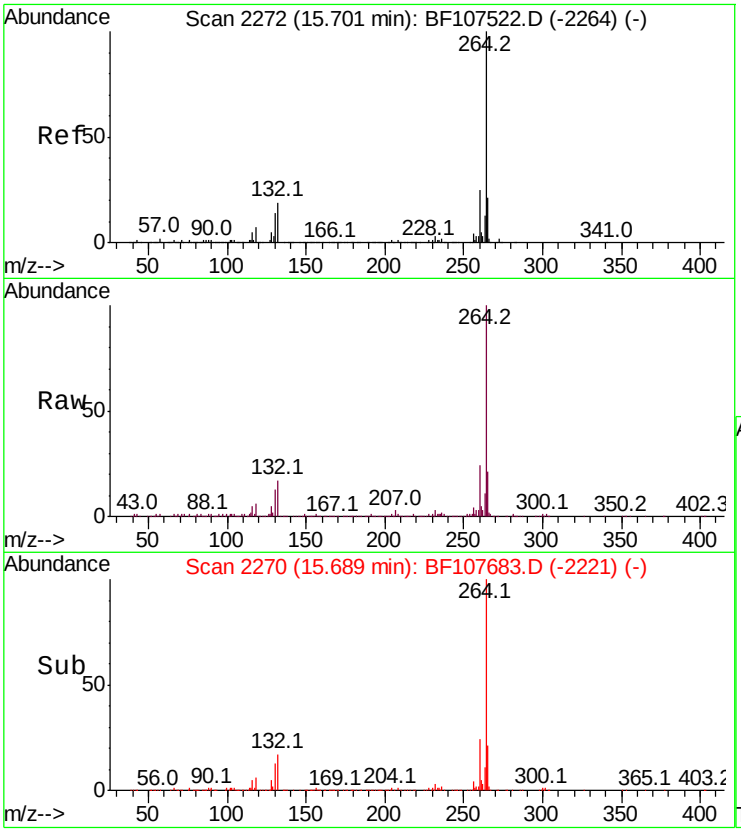


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.122 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:276 Resp: 39796

Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	23.6	20.1	30.1



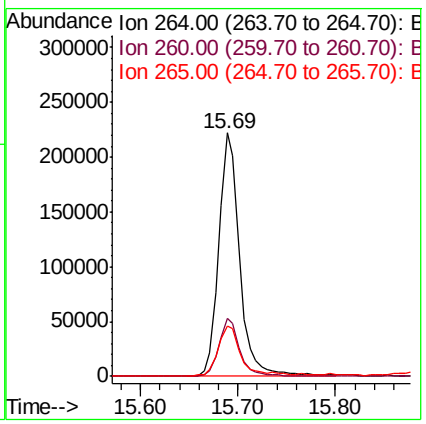


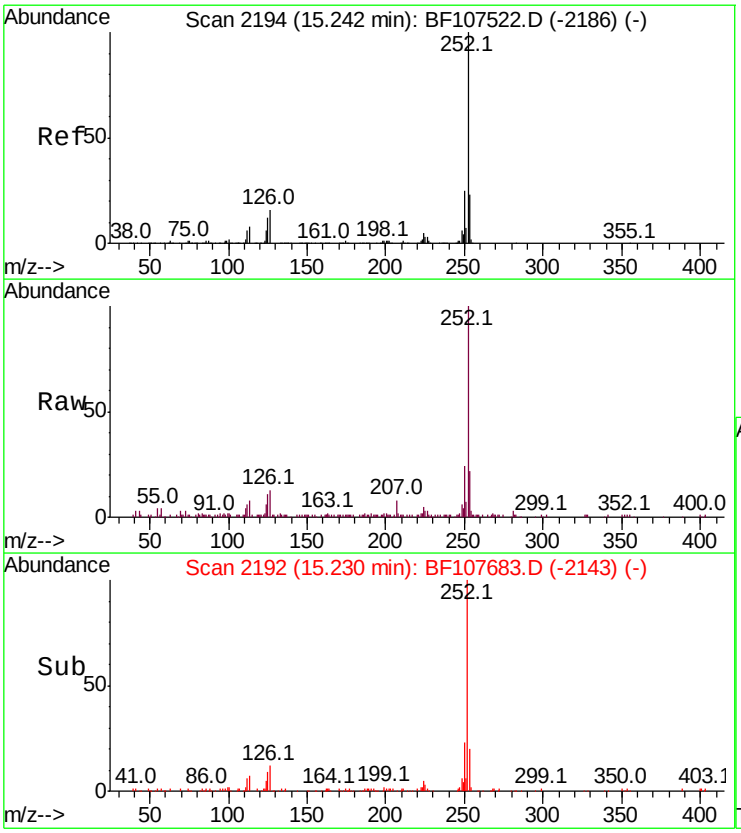
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 330138

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.9	17.5	26.3

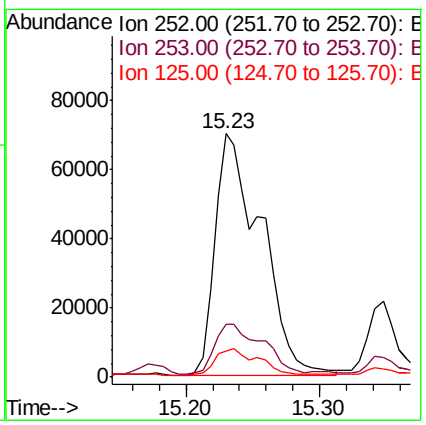


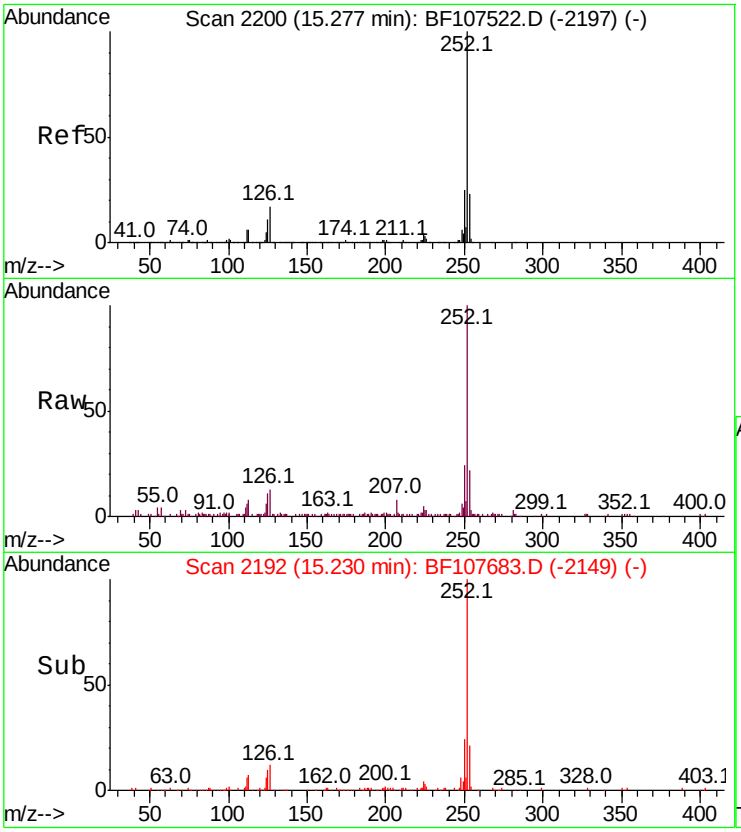


#87
Benzo(b)fluoranthene
Concen: 9.237 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:252 Resp: 166900

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	10.5	9.0	13.6



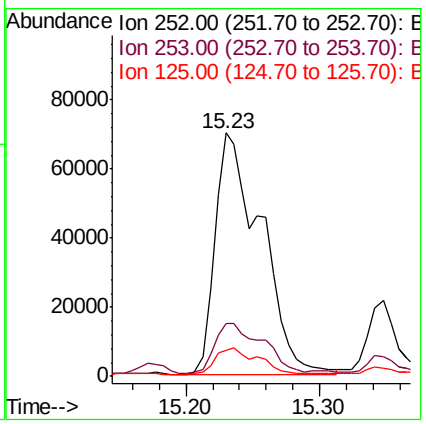


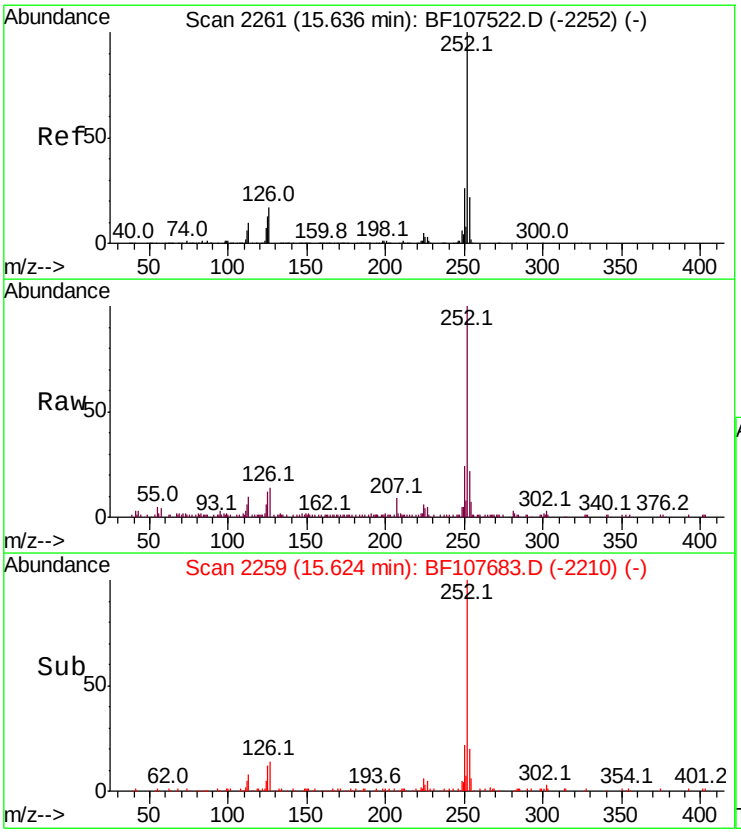
#88
Benzo(k)fluoranthene
Concen: 9.428 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.05 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 166900

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.5	10.2	15.2

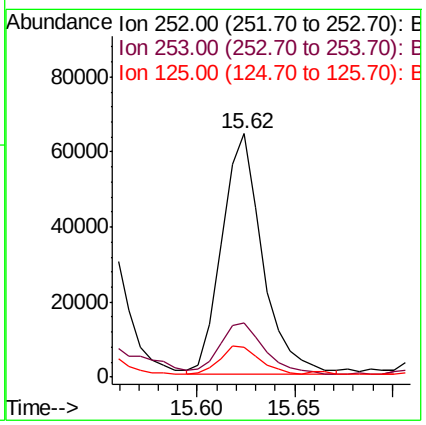


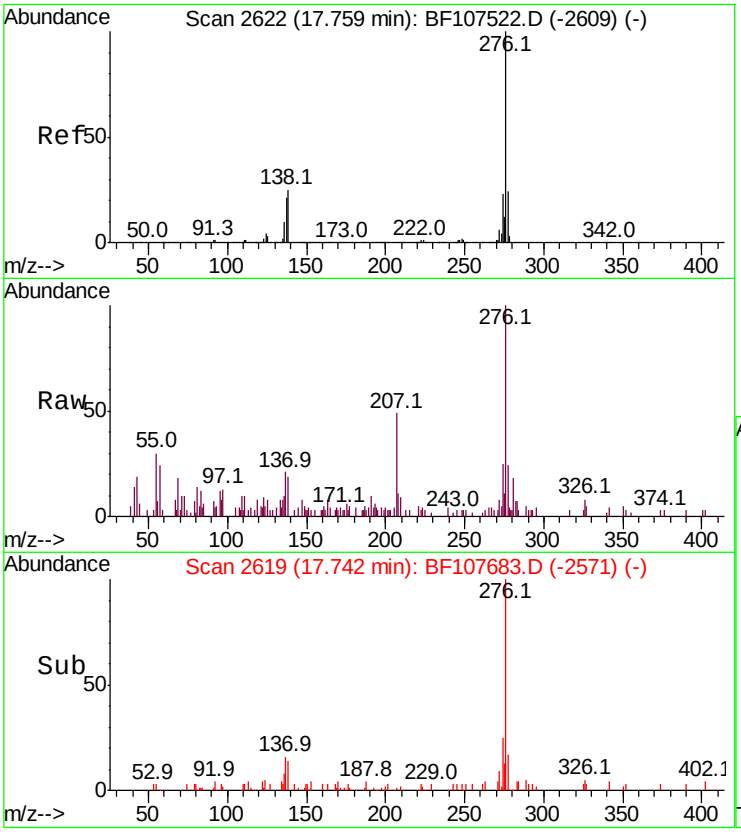


#89
Benzo(a)pyrene
Concen: 5.641 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Tgt Ion:252 Resp: 93227

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.372 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF107683.D
Acq: 26 Jul 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 33420

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	19.0	21.8	32.8#