Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107672.D
Acq On : 25 Jul 2018 22:05
Operator : JU/SJ
Sample : J4031-08 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 26 02:06:57 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	199962	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	758625	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	286686	20.00	ng		-0.01
63) Phenanthrene-d10	11.51	188	501760	20.00	ng		0.00
75) Chrysene-d12	14.16	240	427447	20.00	ng		0.00
86) Perylene-d12	15.70	264	365728	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	416015	33.45	ng		-0.01
7) Phenol-d6	6.60	99	543991	36.43	ng		-0.02
23) Nitrobenzene-d5	7.53	82	306888	27.30	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	116052	35.60	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	630640	30.13	ng		-0.02
78) Terphenyl-d14	13.09	244	523439	31.35	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	1321	Below Cal		#	41
19) n-Nitroso-di-n-propylamine	7.53	70	41281	4.279	ng	#	81
25) Isophorone	7.53	82	306888	12.786	ng	#	64
32) Benzoic acid	8.07	122	119	7.914	ng	#	71
50) 2,6-Dinitrotoluene	10.01	165	37499	8.741	ng	#	25
51) Acenaphthene	10.04	154	37582	2.092	ng		99
57) Fluorene	10.56	166	37856	2.006	ng	#	96
64) 4,6-Dinitro-2-methylphenol	10.80	198	114	8.719	ng	#	1
70) Phenanthrene	11.53	178	613036	25.072	ng		98
71) Anthracene	11.58	178	196674	7.989	ng		98
72) Carbazole	11.74	167	51886	2.027	ng		99
73) Di-n-butylphthalate	12.05	149	6875	Below Cal		#	80
74) Fluoranthene	12.72	202	1314334	50.093	ng		98
77) Pyrene	12.96	202	1246109	42.620	ng		97
80) Benzo(a)anthracene	14.15	228	663952	26.506	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	341	Below Cal		#	44
82) Chrysene	14.18	228	609238	25.319	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	251935	12.354	ng	#	88
87) Benzo(b)fluoranthene	15.24	252	918270	45.877	ng		98
88) Benzo(k)fluoranthene	15.24	252	918270	46.827	ng		98
89) Benzo(a)pyrene	15.63	252	455383	24.872	ng		98
90) Dibenzo(a,h)anthracene	17.47	278	54353	3.434	ng		95
91) Benzo(g,h,i)perylene	17.76	276	252873	16.198	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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Acq On : 25 Jul 2018 22:05
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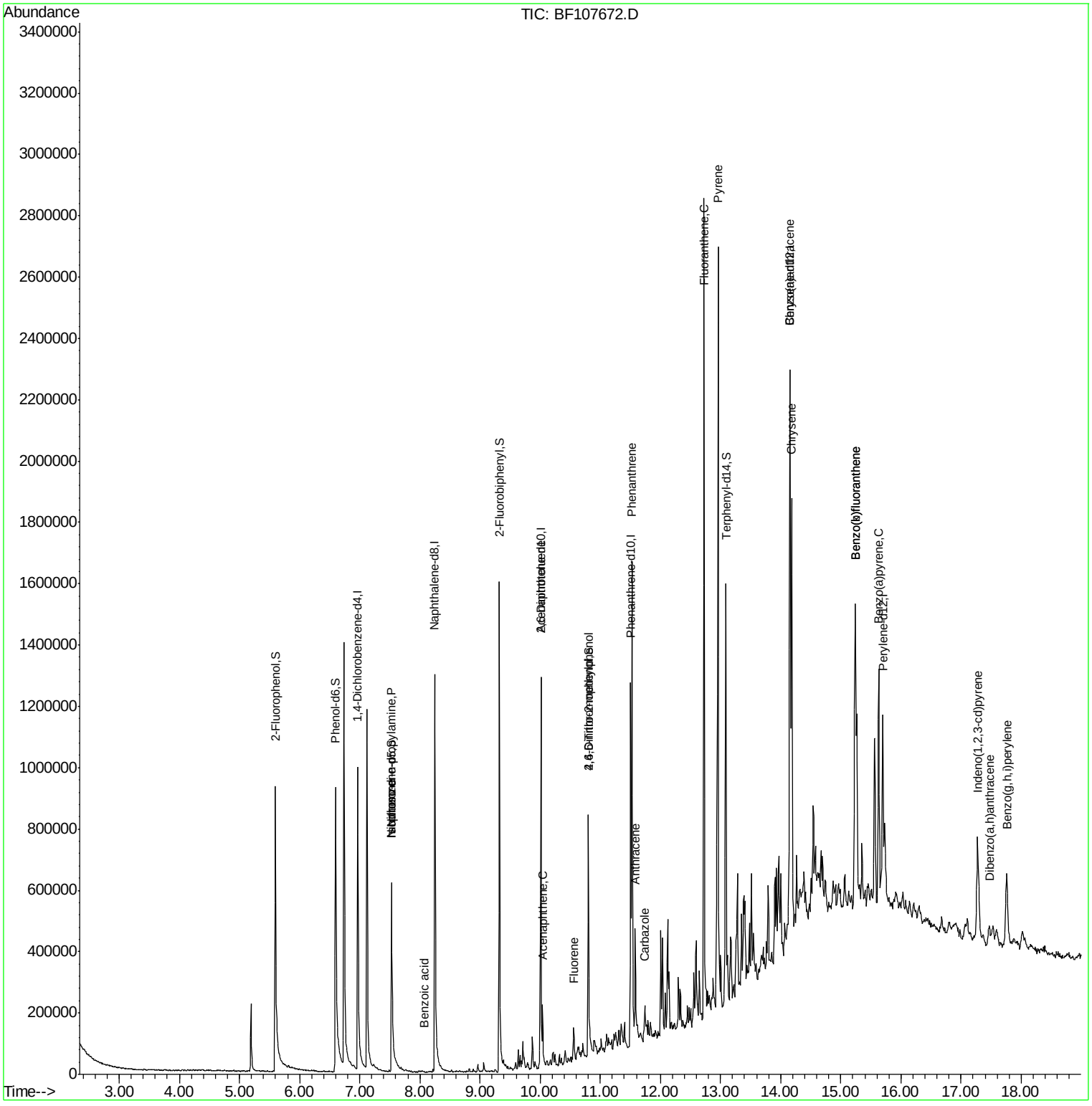
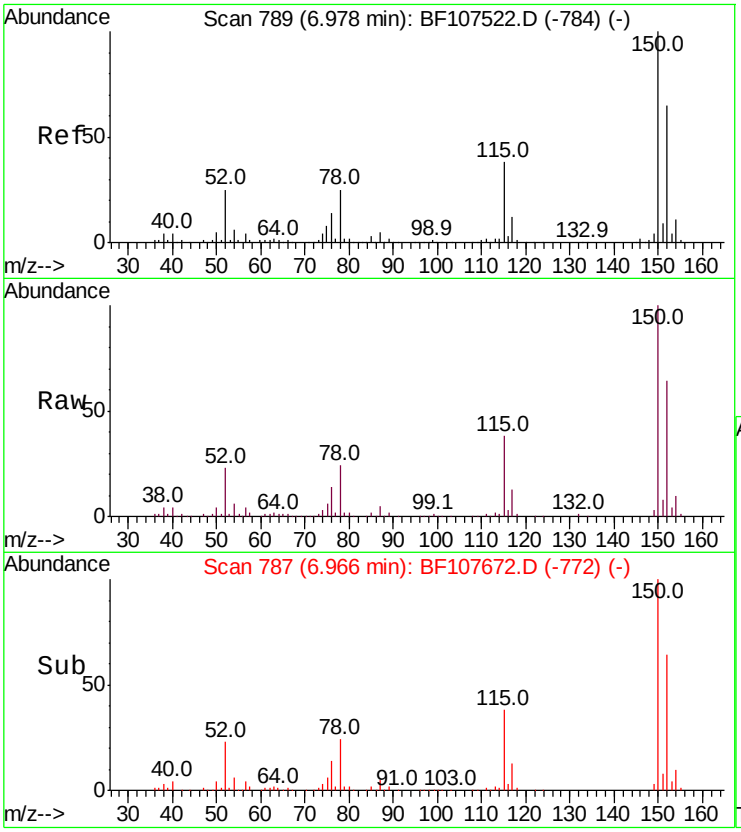
Sample : J4031-08 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 26 02:06:57 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



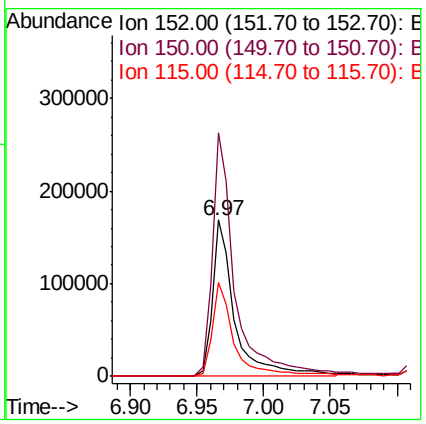


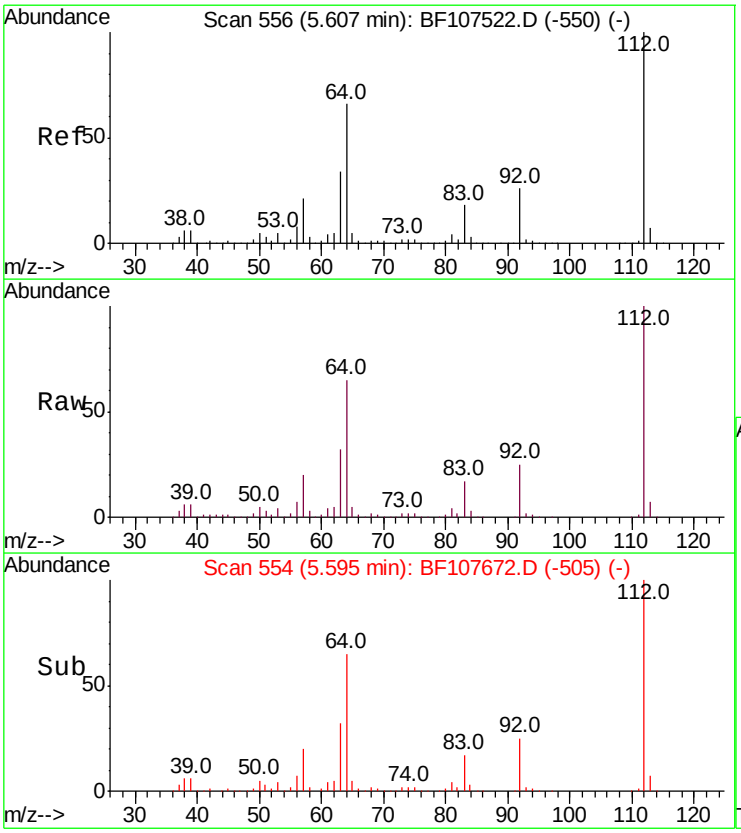
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 199962

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	60.0	50.1	75.1

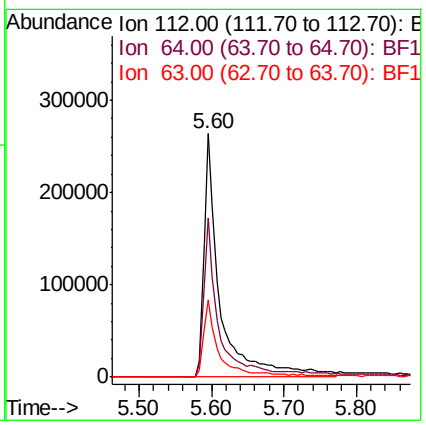


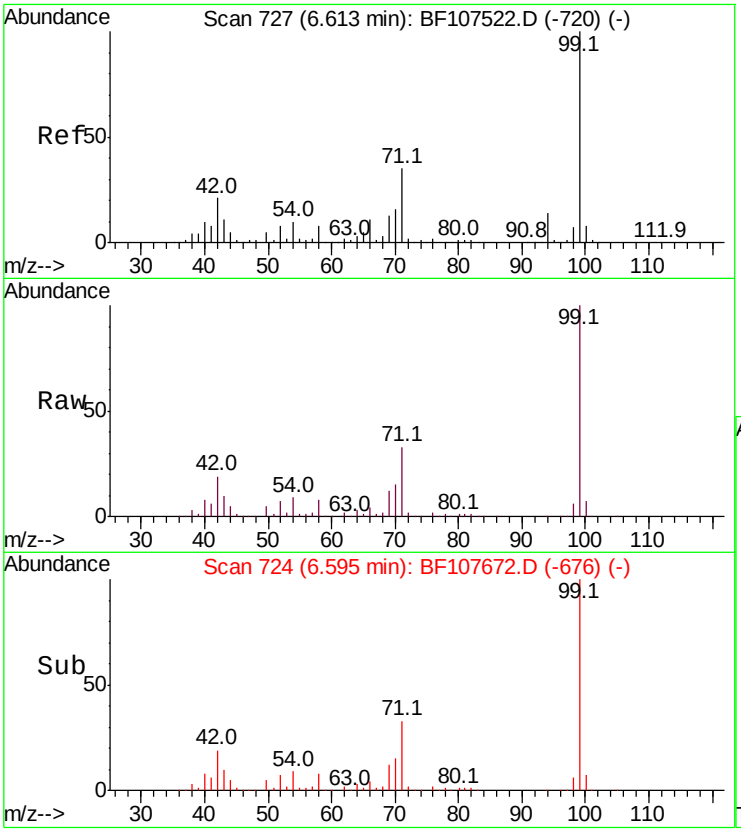


#5
2-Fluorophenol
Concen: 33.450 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:112 Resp: 416015

Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	32.0	23.7	35.5



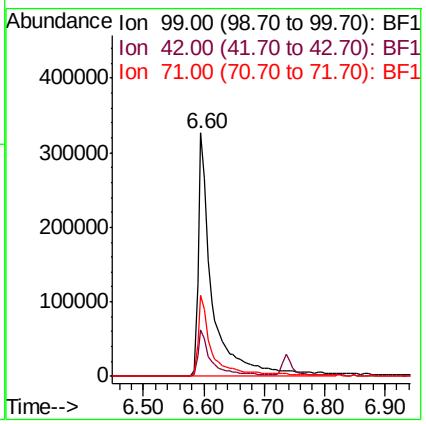


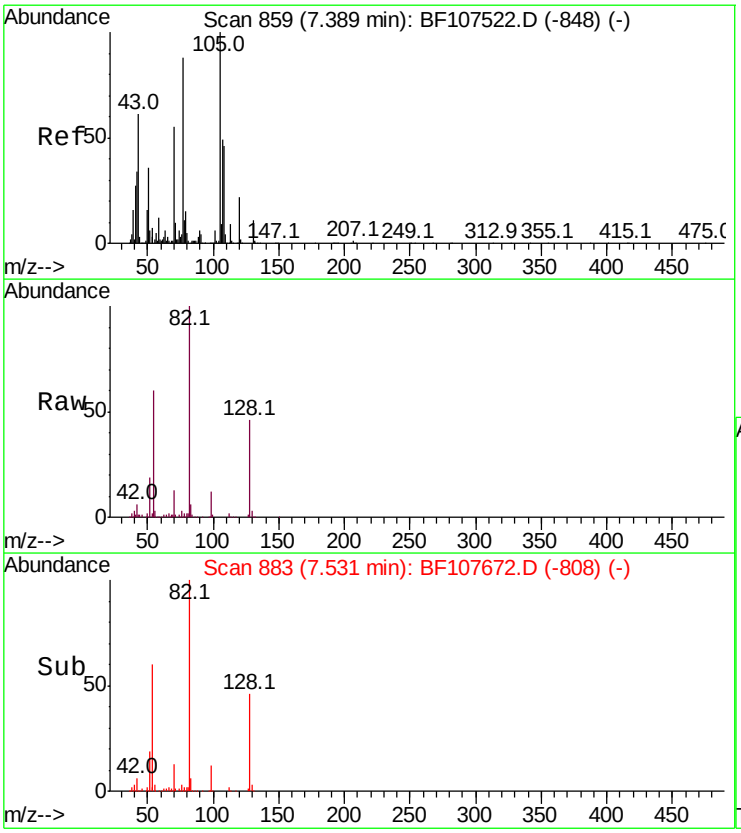
#7
Phenol-d6
Concen: 36.428 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 543991

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.4	25.4	38.0

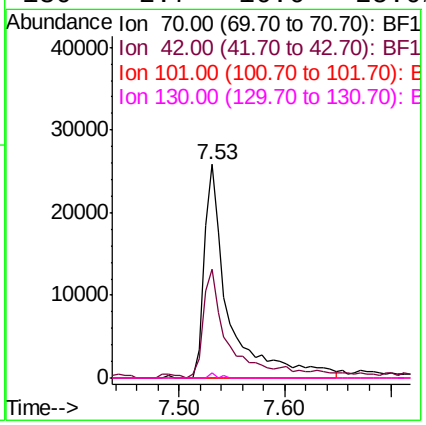


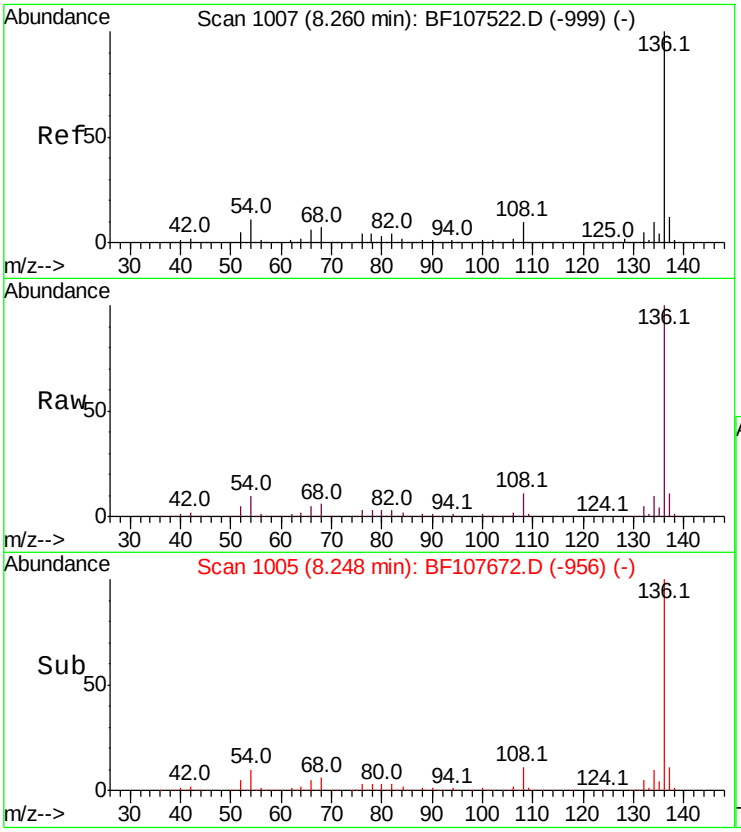


#19
n-Nitroso-di-n-propylamine
Concen: 4.279 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion: 70 Resp: 41281

Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



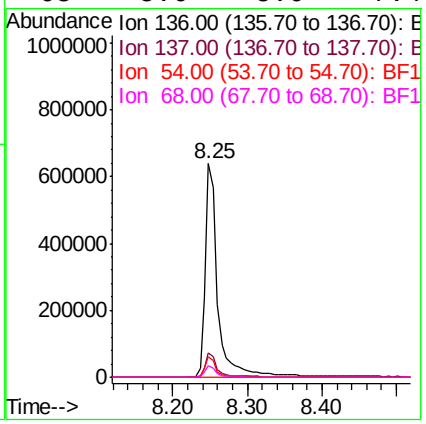


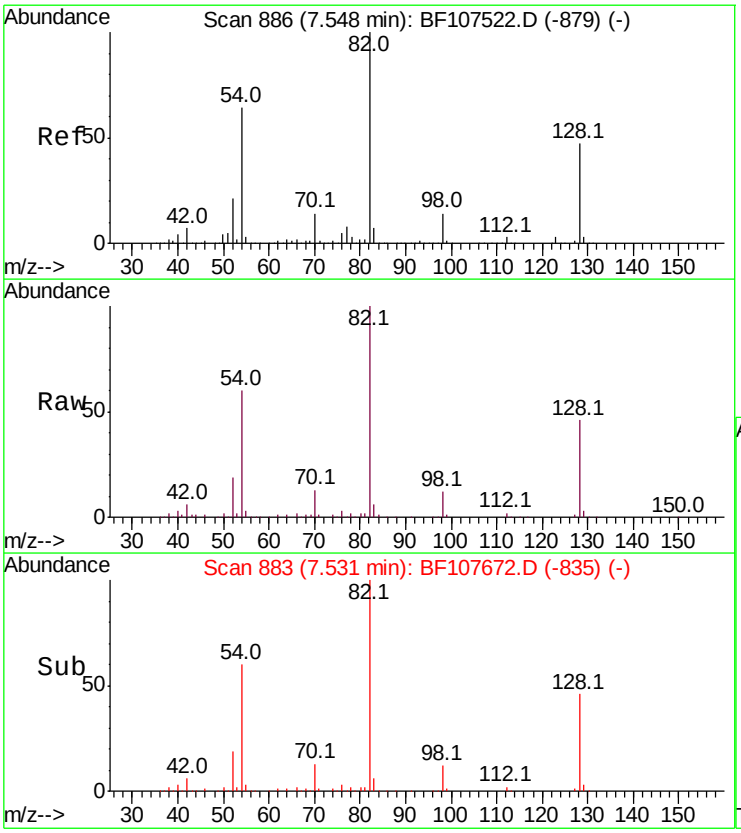
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 758625

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.6	6.6	9.8
68	5.6	5.0	7.4

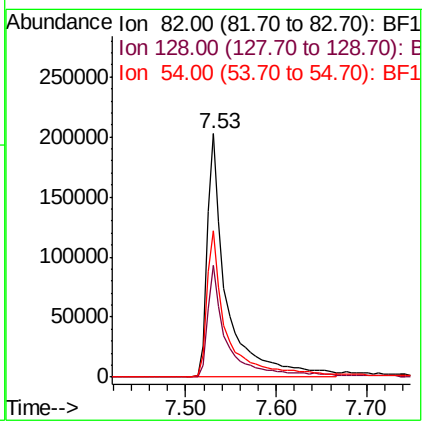


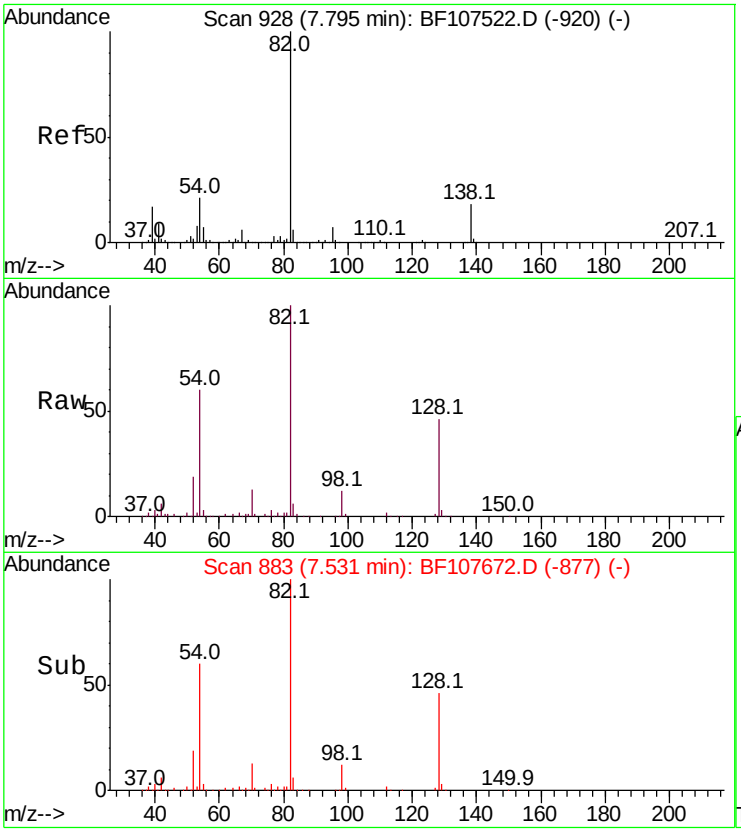


#23
Nitrobenzene-d5
Concen: 27.301 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion: 82 Resp: 306888

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	60.1	41.4	62.2



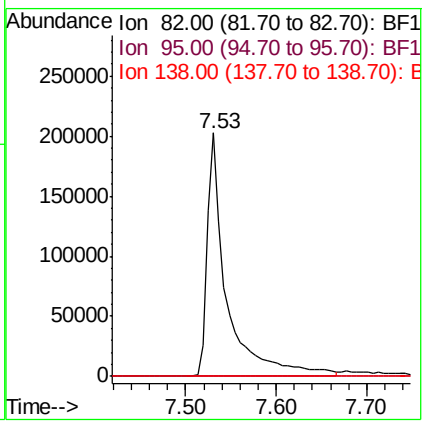


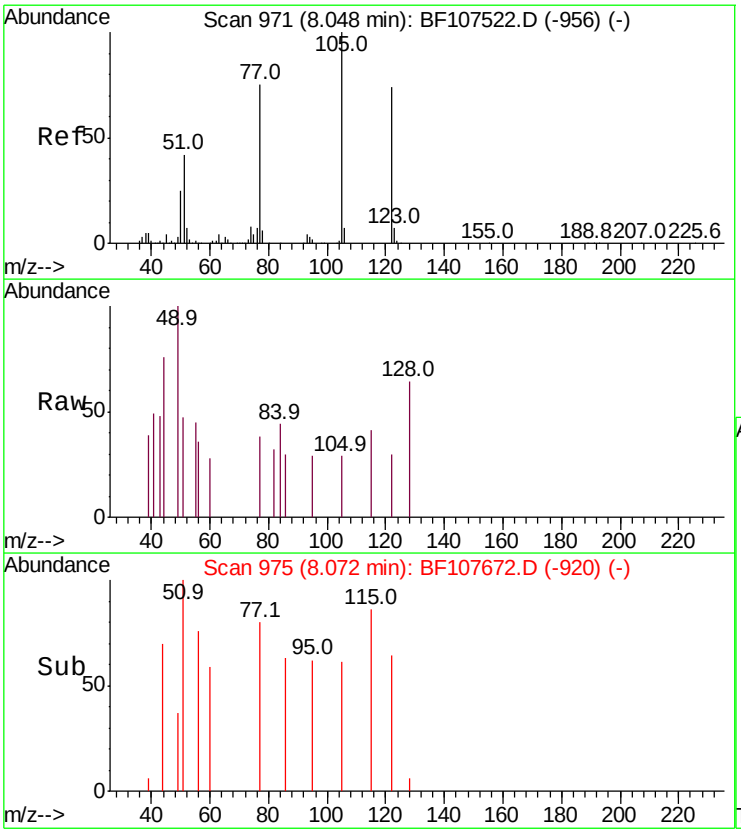
#25
Isophorone
Concen: 12.786 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 306888

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

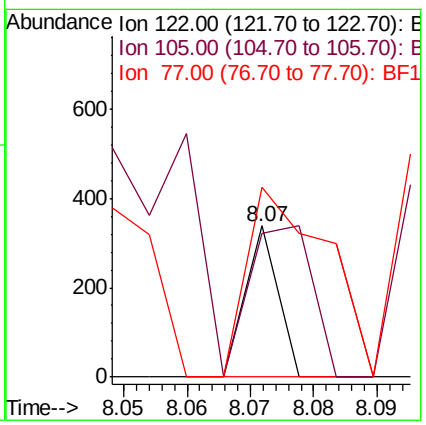


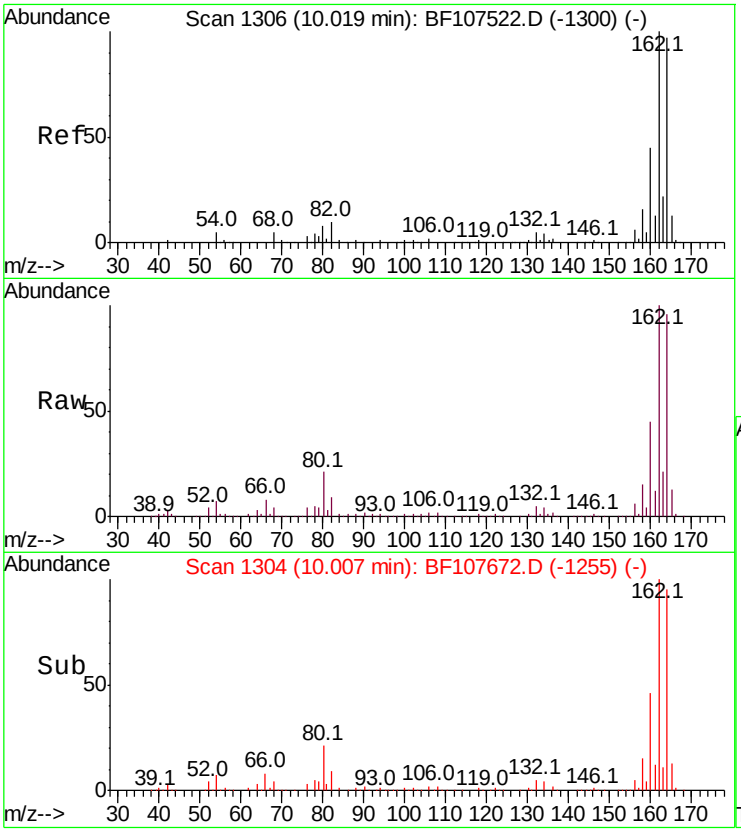


#32
Benzoic acid
Concen: 7.914 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.02 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:122 Resp: 119

Ion	Ratio	Lower	Upper
122	100		
105	95.0	101.1	141.1#
77	125.7	70.7	110.7#



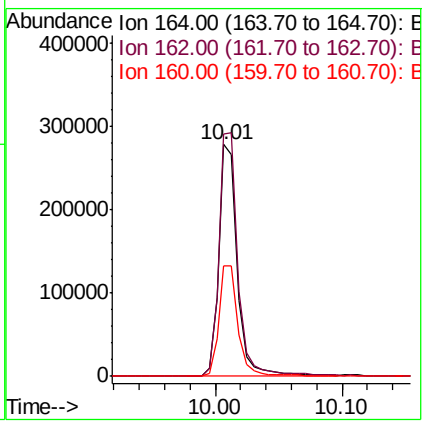


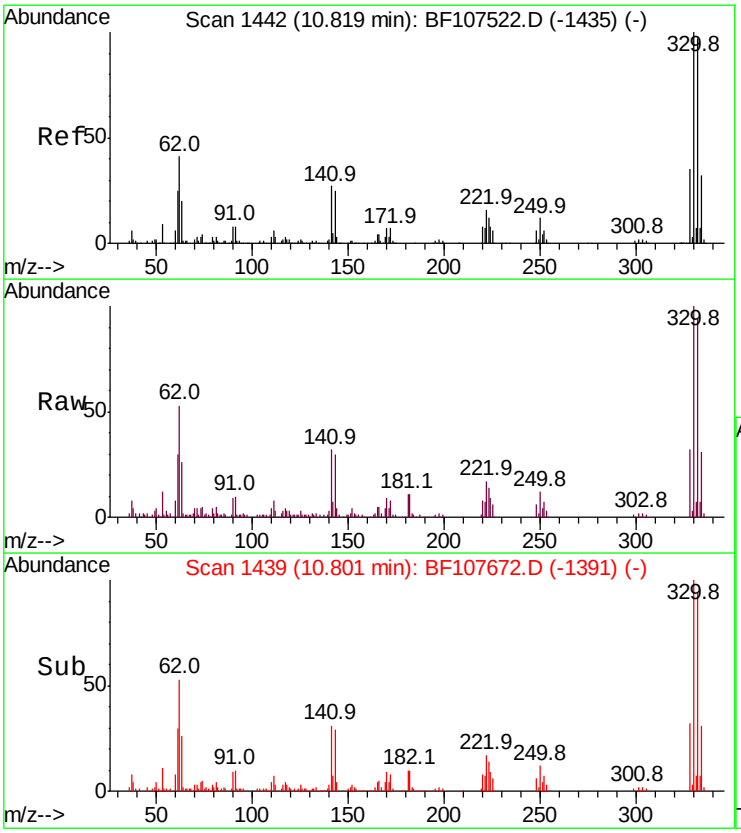
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 286686

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	47.6	38.3	57.5

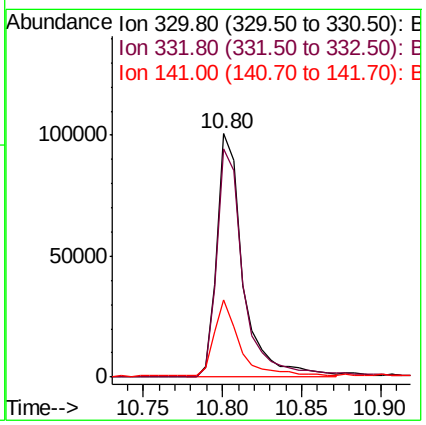


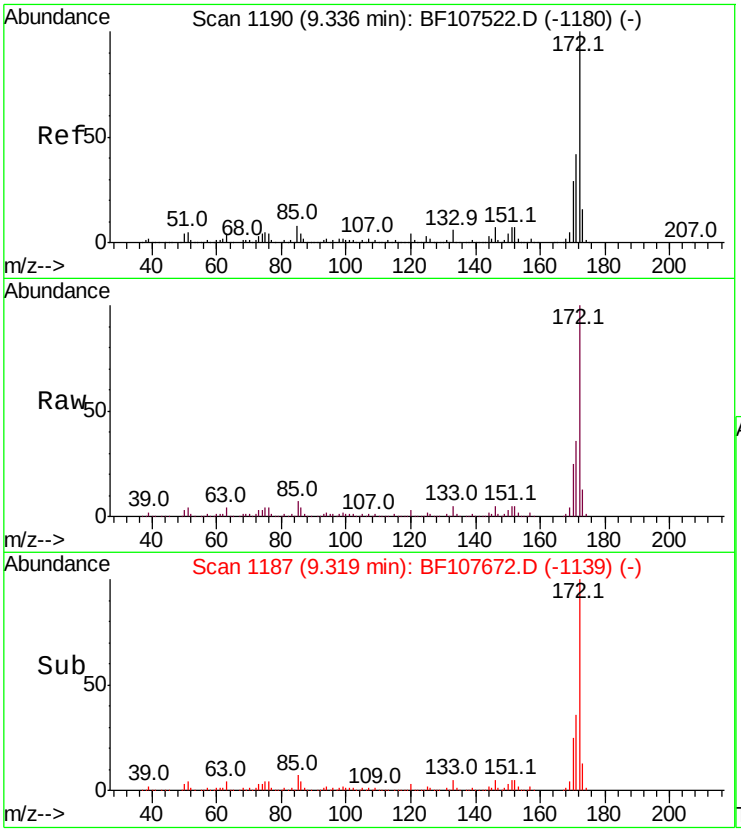


#41
2,4,6-Tribromophenol
Concen: 35.598 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:330 Resp: 116052

Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	30.7	29.9	44.9



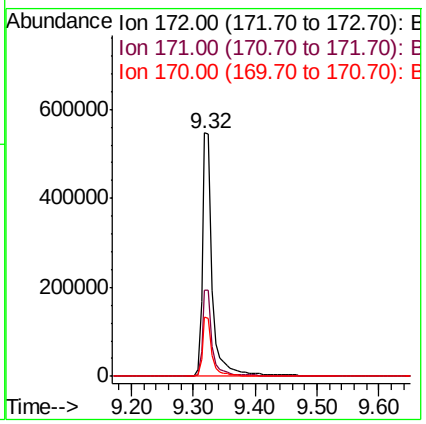


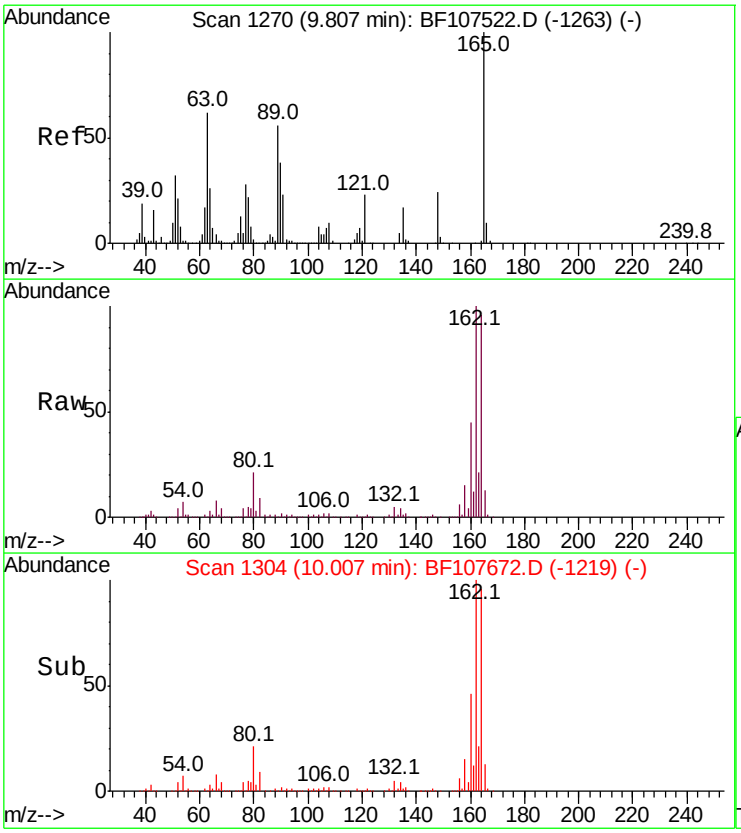
#44
2-Fluorobiphenyl
Concen: 30.132 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 630640

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.5	19.6	29.4

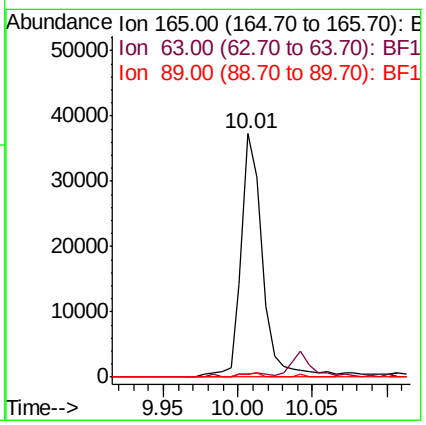


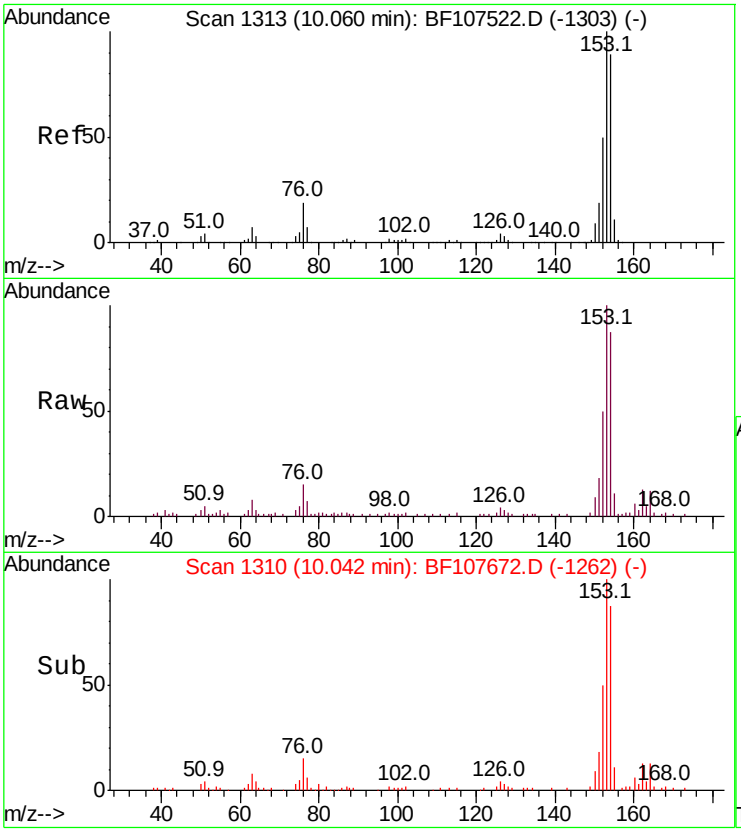


#50
2,6-Dinitrotoluene
Concen: 8.741 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:165 Resp: 37499

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.2	44.0	66.0#



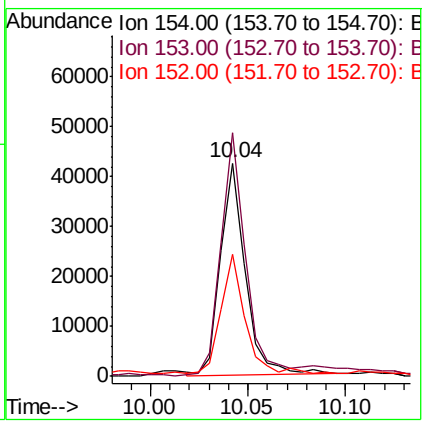


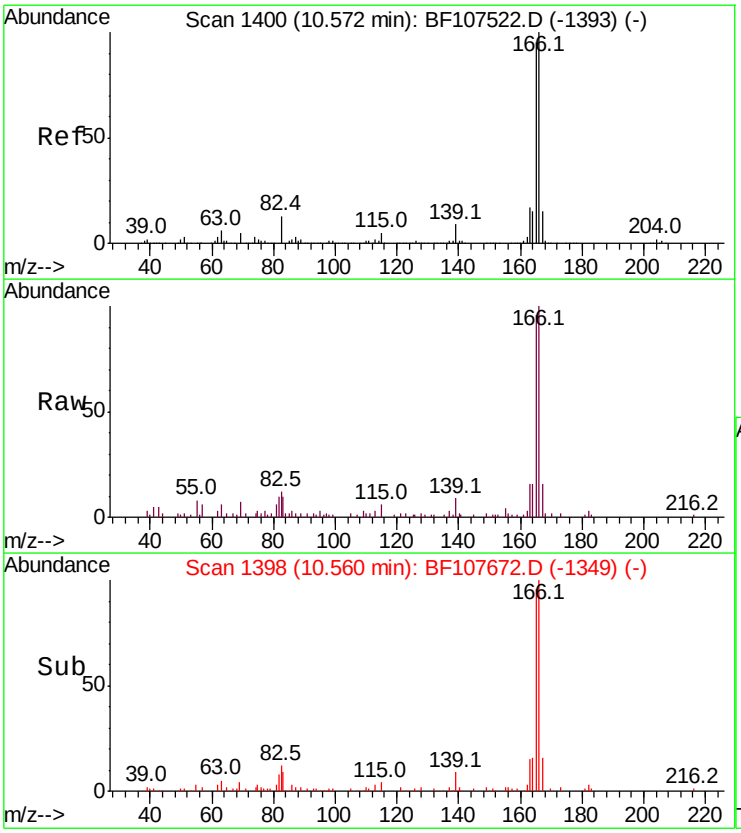
#51
Acenaphthene
Concen: 2.092 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 37582

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.2	136.8
152	57.1	43.8	65.8

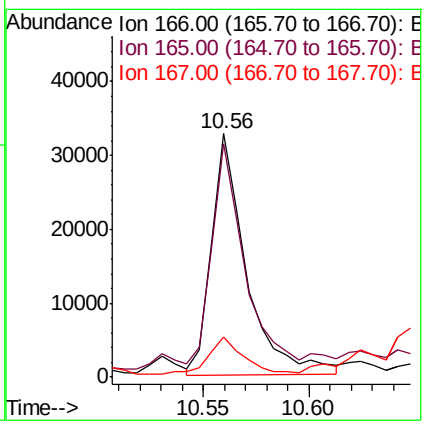


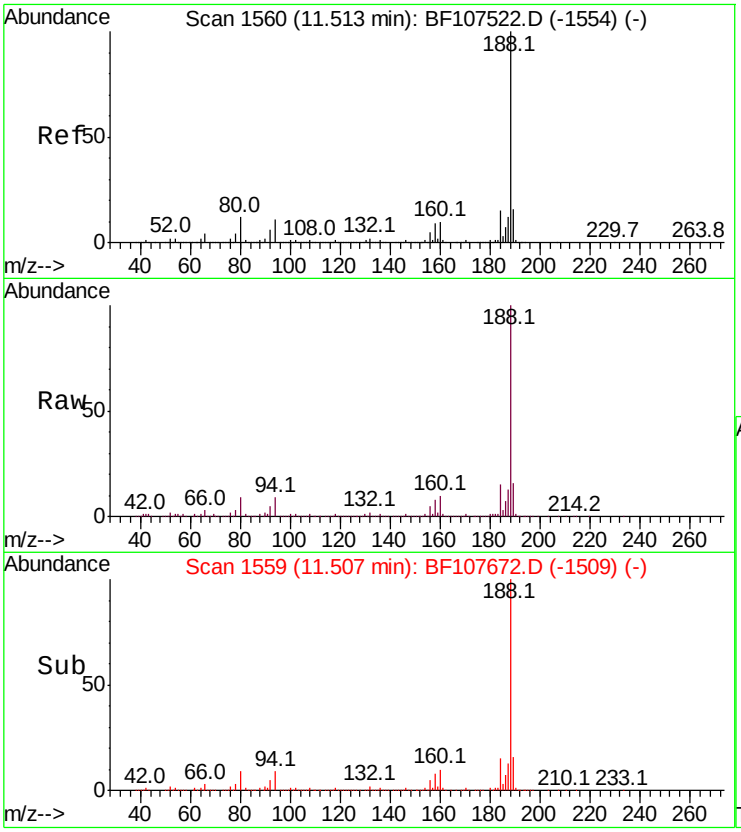


#57
Fluorene
Concen: 2.006 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:166 Resp: 37856

Ion	Ratio	Lower	Upper
166	100		
165	96.1	79.8	119.8
167	16.4	10.6	16.0#



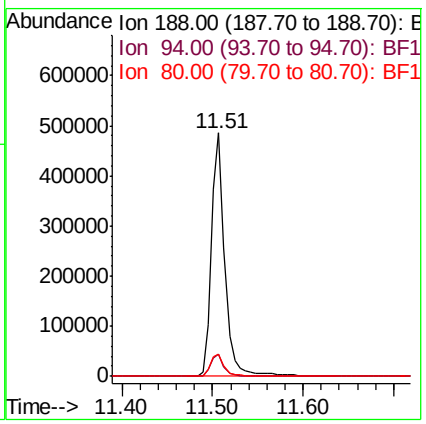


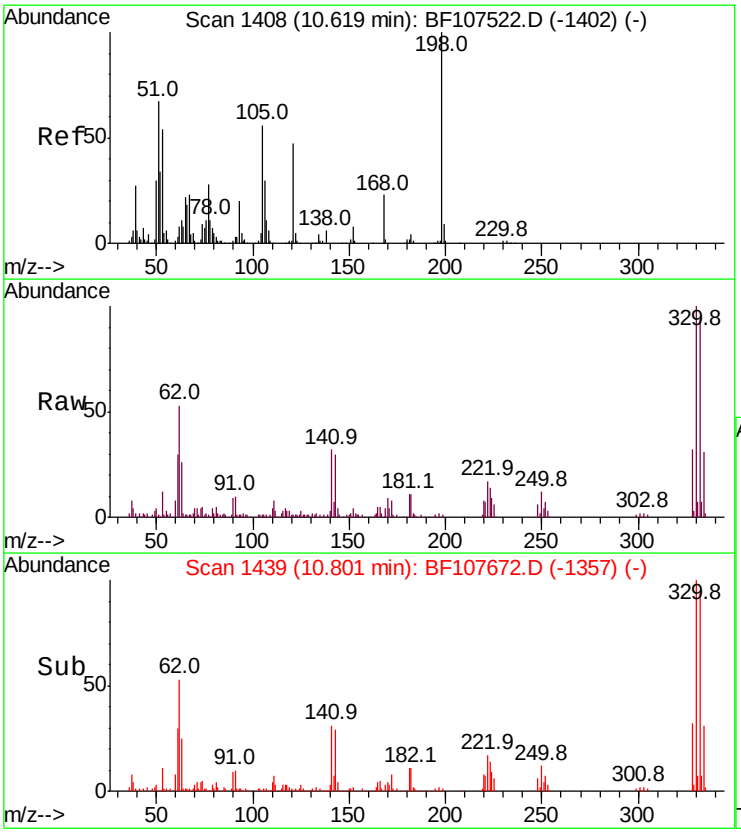
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 501760

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

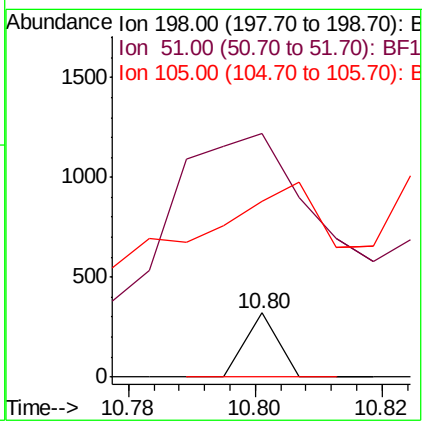


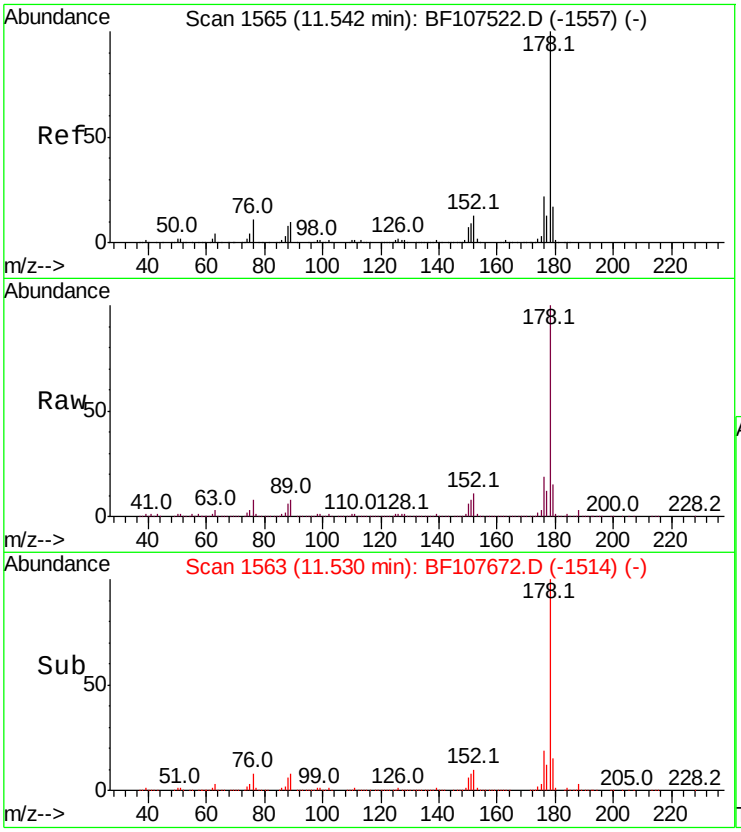


#64
4,6-Dinitro-2-methylphenol
Concen: 8.719 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.18 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:198 Resp: 114

Ion	Ratio	Lower	Upper
198	100		
51	378.6	37.7	77.7#
105	272.4	36.3	76.3#



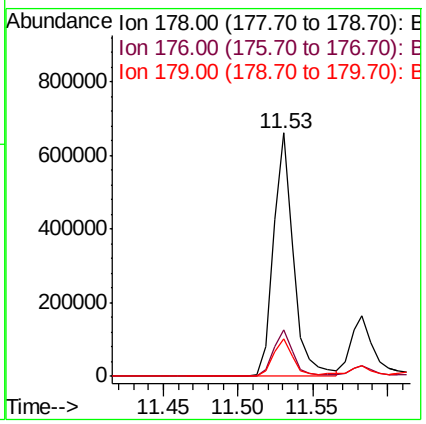


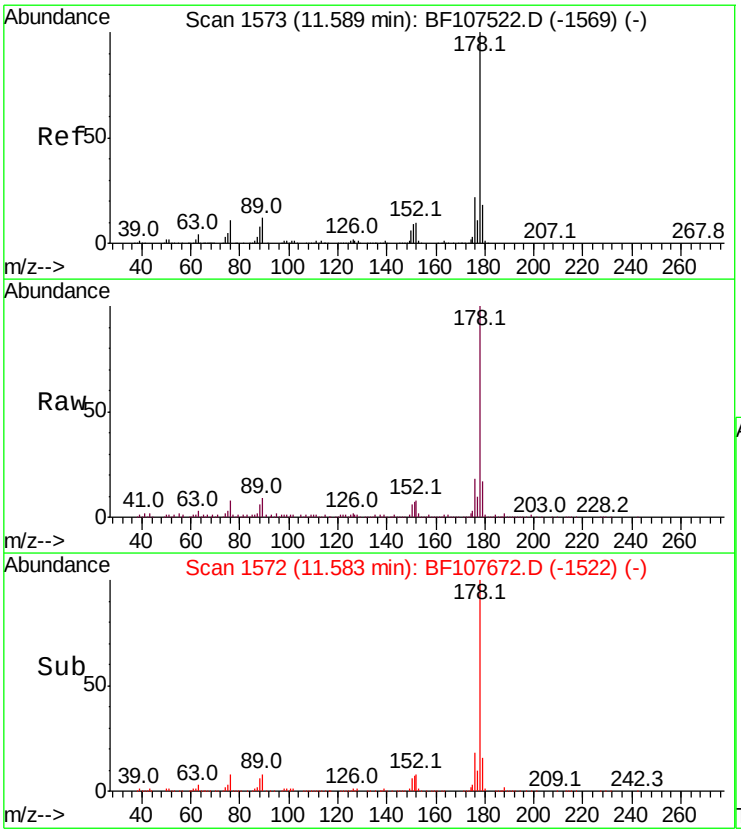
#70
Phenanthrene
Concen: 25.072 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 613036

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.2	13.0	19.6

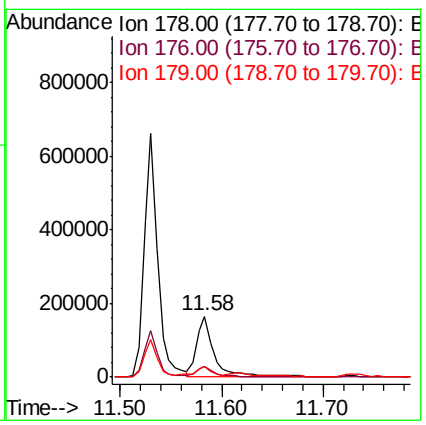


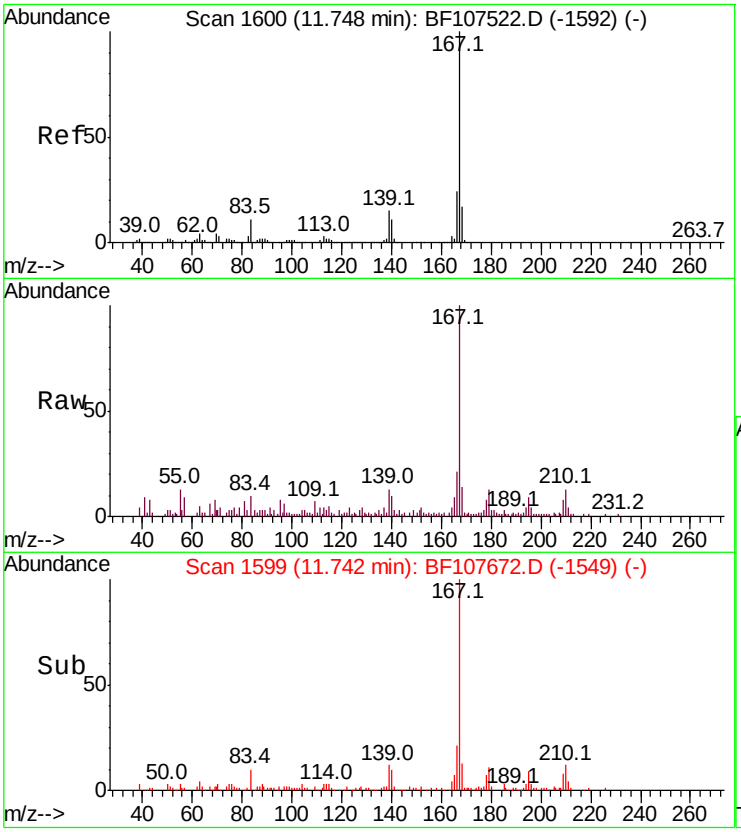


#71
Anthracene
Concen: 7.989 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:178 Resp: 196674

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	16.6	12.6	19.0



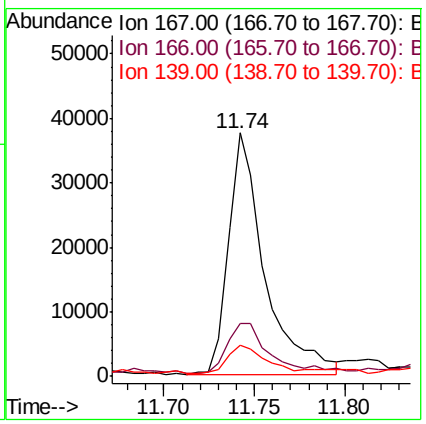


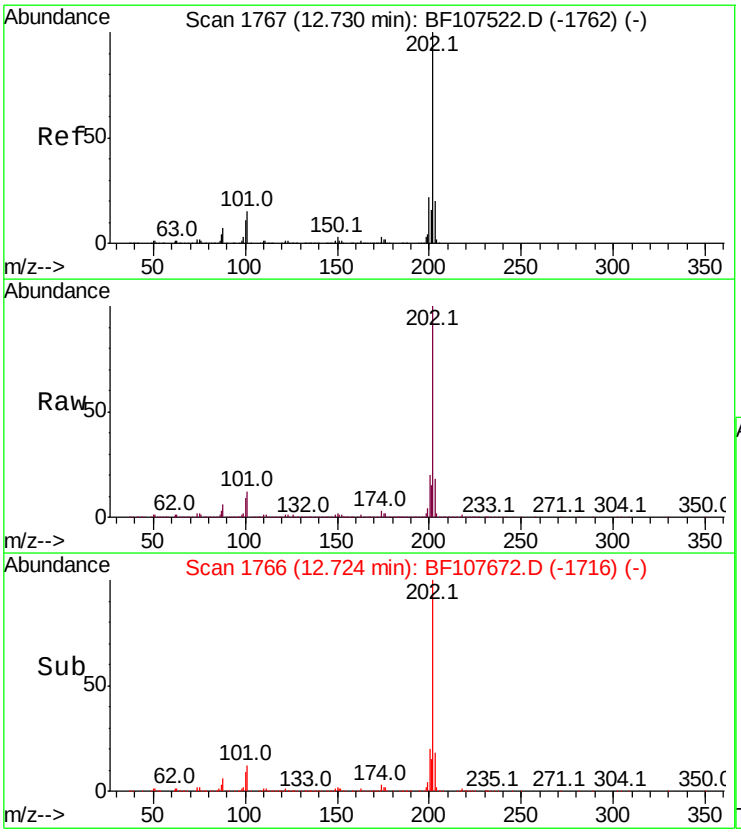
#72
Carbazole
Concen: 2.027 ng
RT: 11.74 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 51886

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.8	10.9	16.3

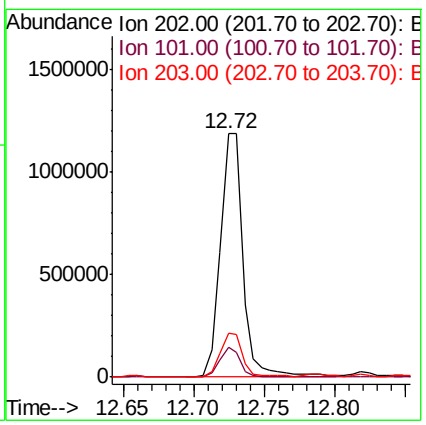


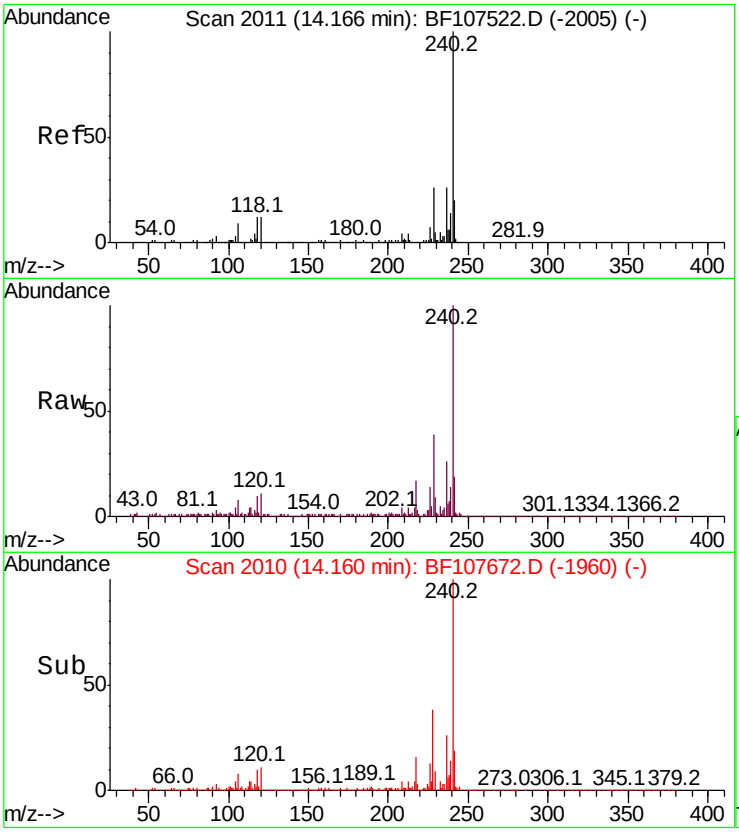


#74
Fluoranthene
Concen: 50.093 ng
RT: 12.72 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:202 Resp: 1314334

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.9	0.0	38.1



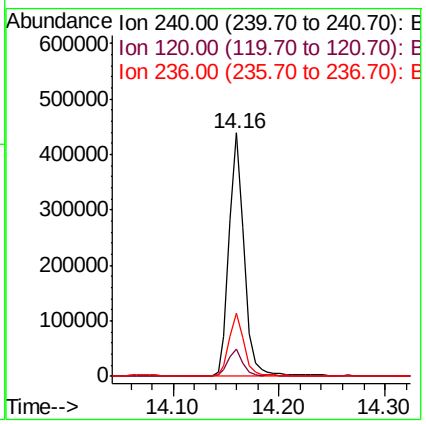


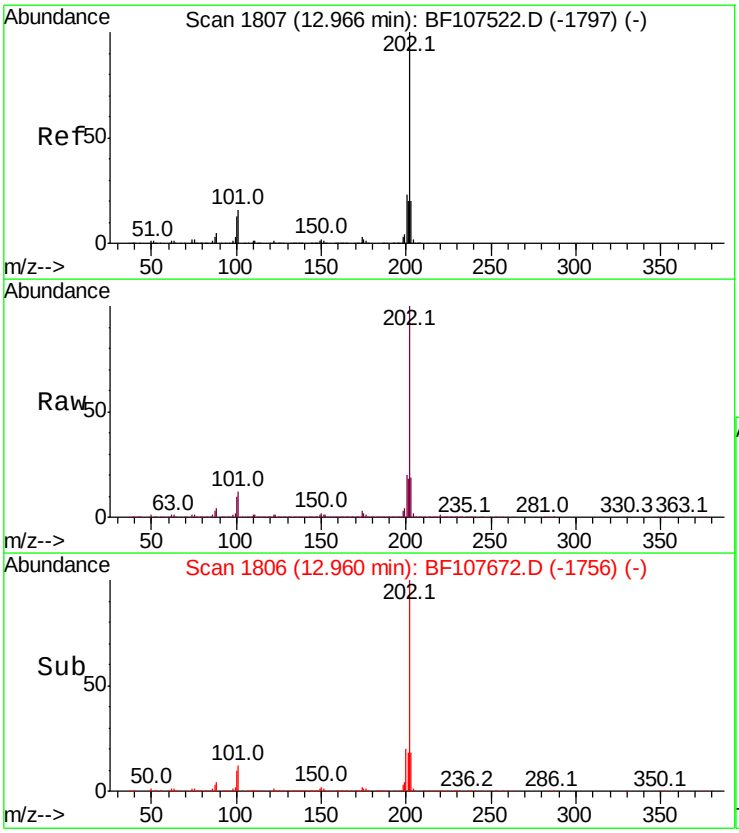
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 427447

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.0	20.7	31.1

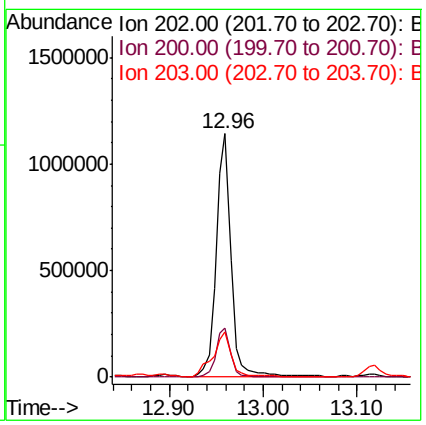


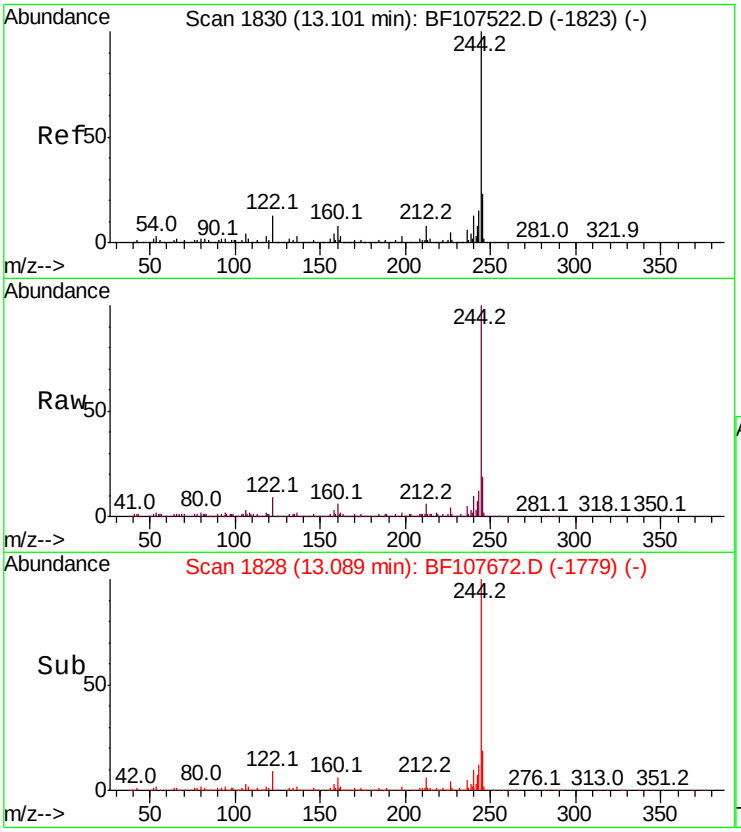


#77
Pyrene
Concen: 42.620 ng
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:202 Resp: 1246109

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	18.7	14.3	21.5



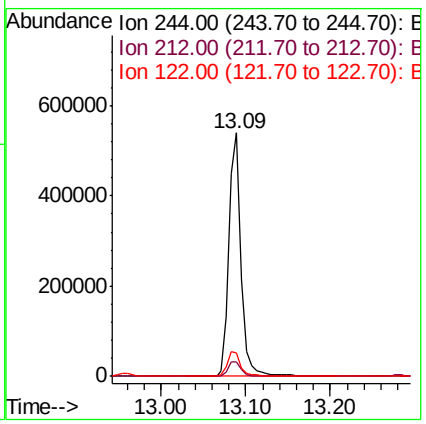


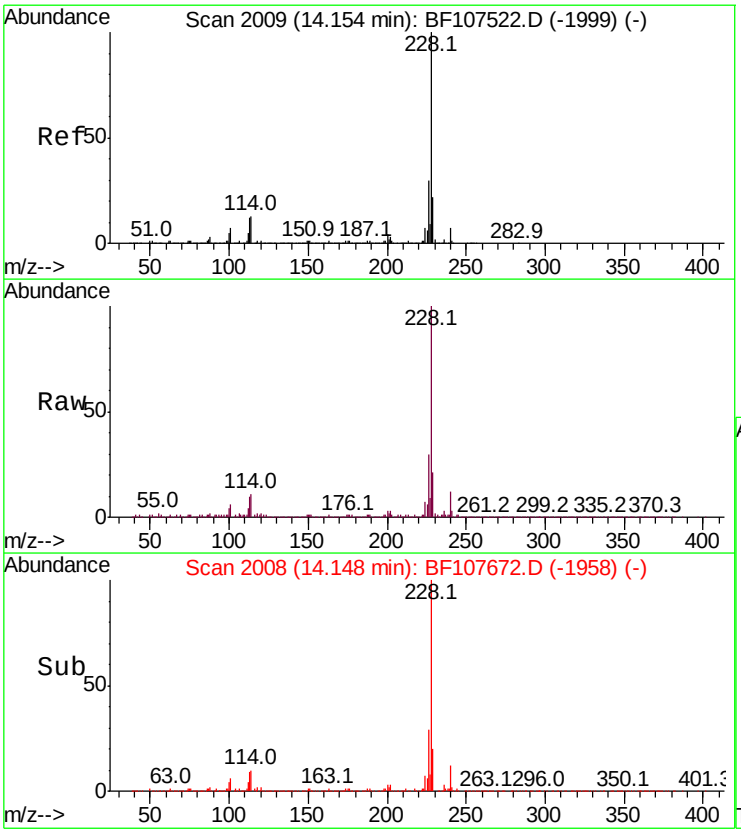
#78
Terphenyl-d14
Concen: 31.350 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 523439

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	9.4	11.0	16.4#

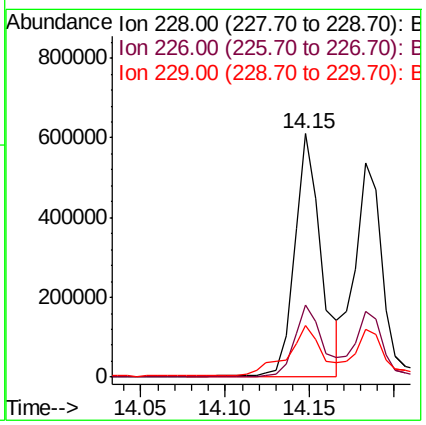


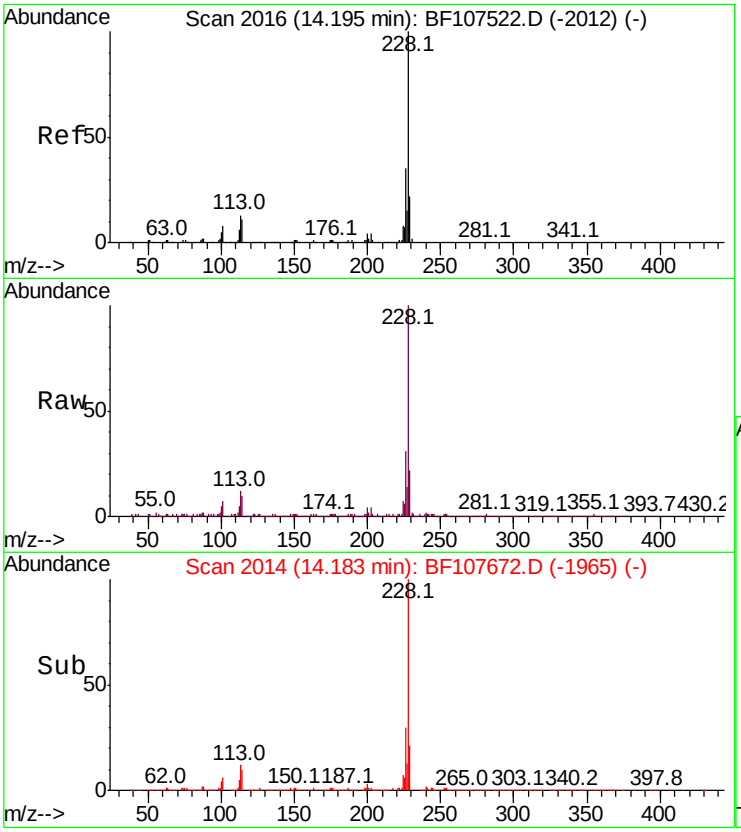


#80
Benzo(a)anthracene
Concen: 26.506 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:228 Resp: 663952

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	21.1	15.8	23.6



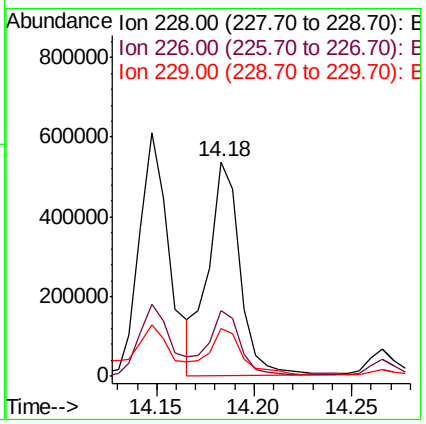


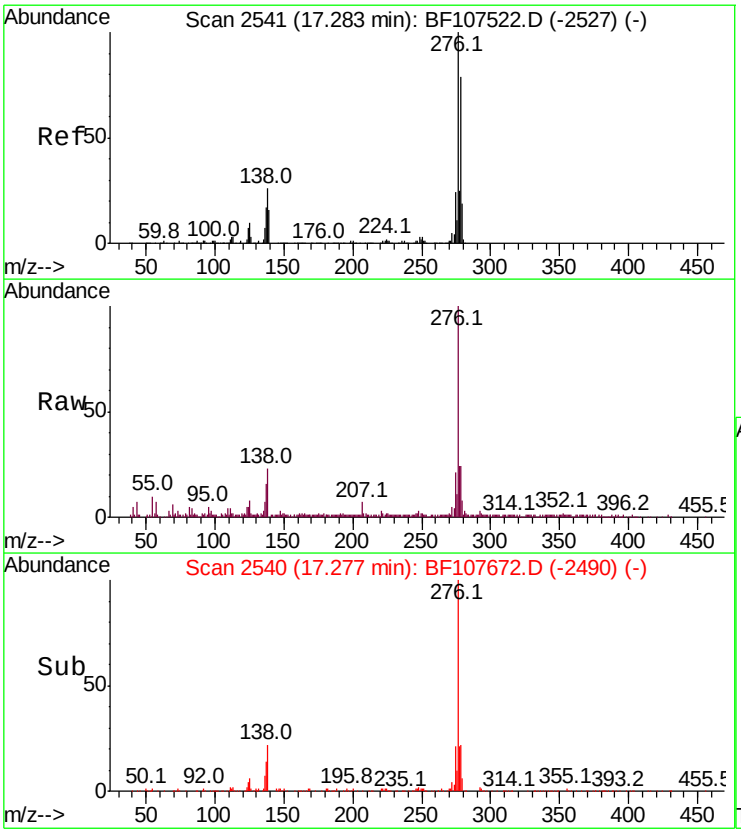
#82
Chrysene
Concen: 25.319 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 609238

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.4	16.2	24.4

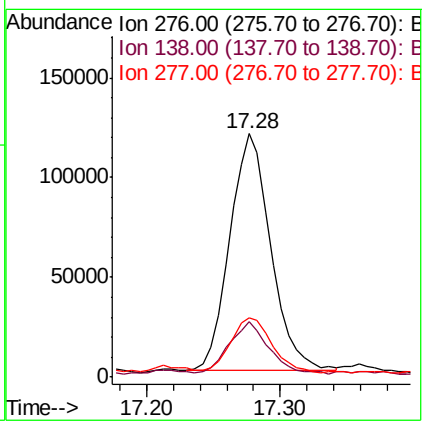


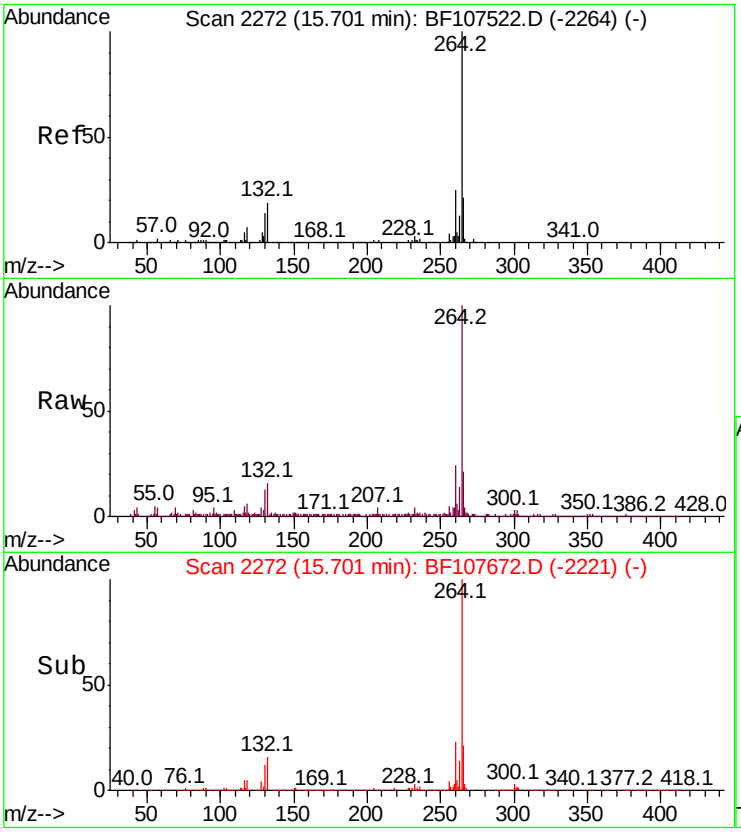


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.354 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:276 Resp: 251935

Ion	Ratio	Lower	Upper
276	100		
138	20.8	25.0	37.6#
277	23.4	20.1	30.1



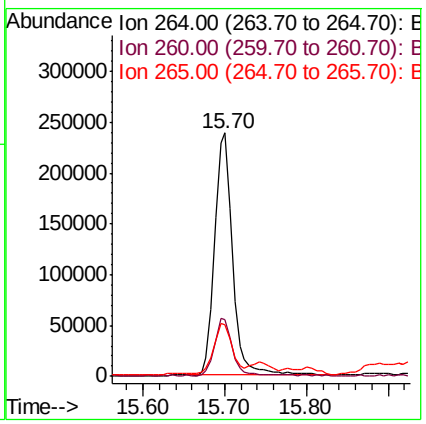


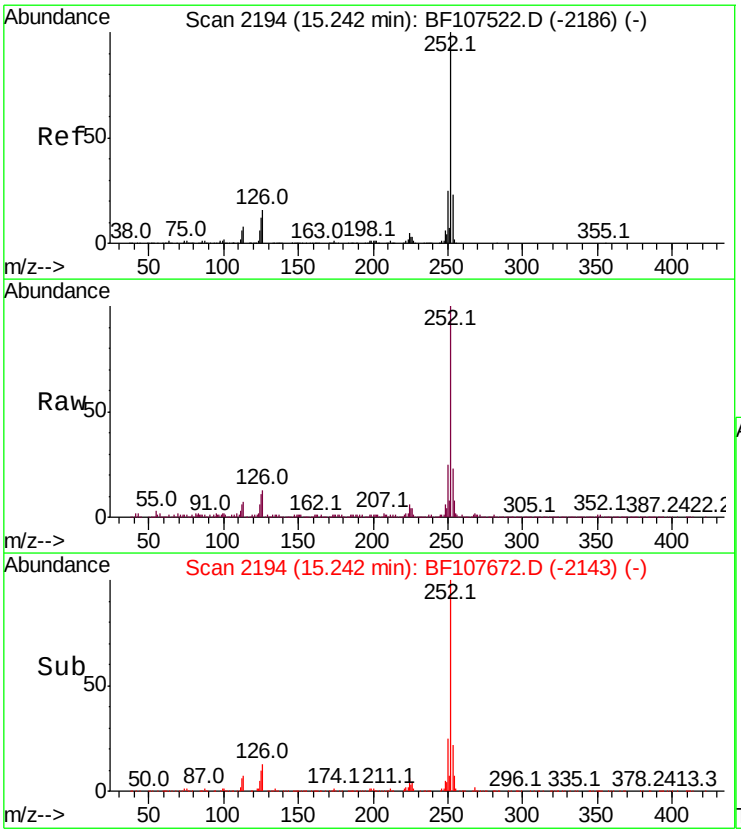
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 365728

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3

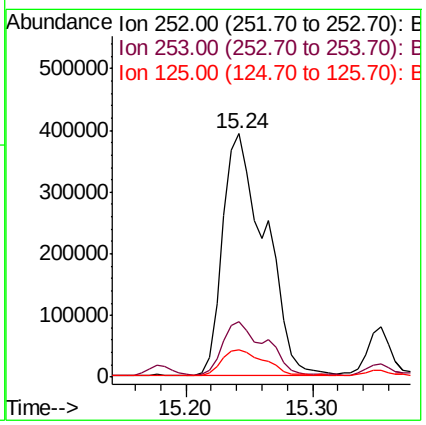


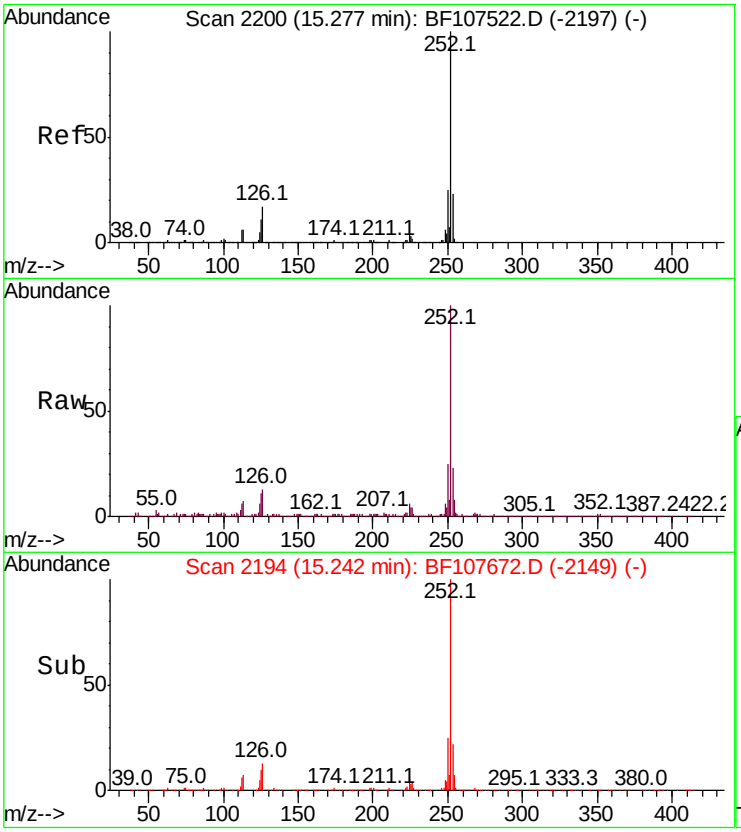


#87
Benzo(b)fluoranthene
Concen: 45.877 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:252 Resp: 918270

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	11.0	9.0	13.6



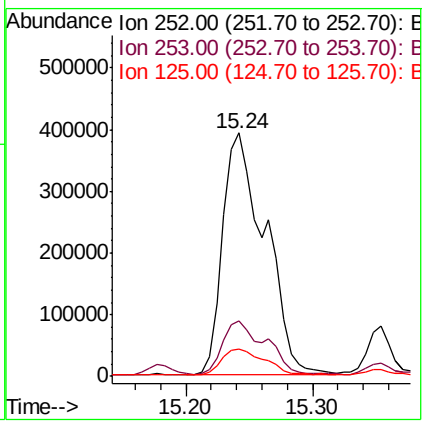


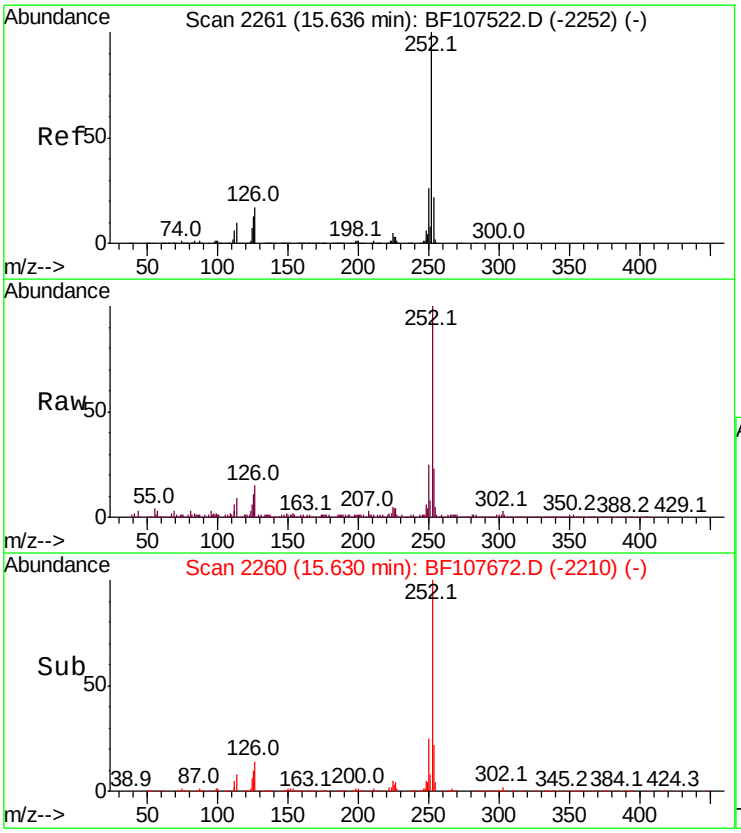
#88
Benzo(k)fluoranthene
Concen: 46.827 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.04 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 918270

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.0	10.2	15.2

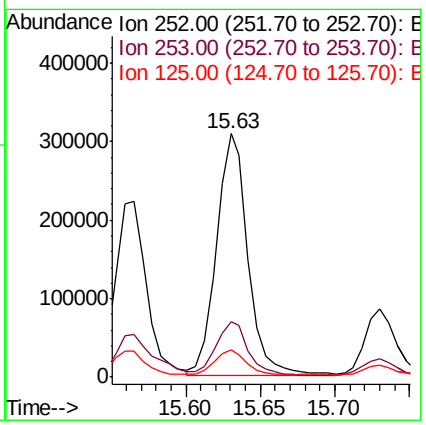


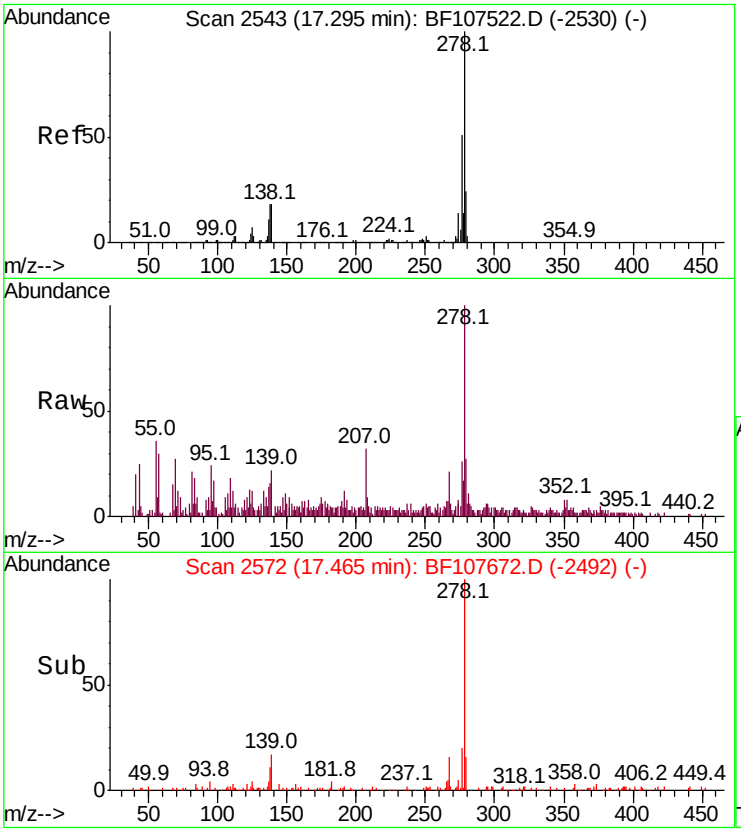


#89
Benzo(a)pyrene
Concen: 24.872 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:252 Resp: 455383

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	11.3	9.8	14.6



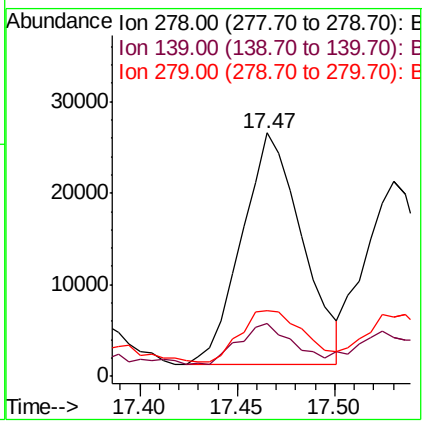


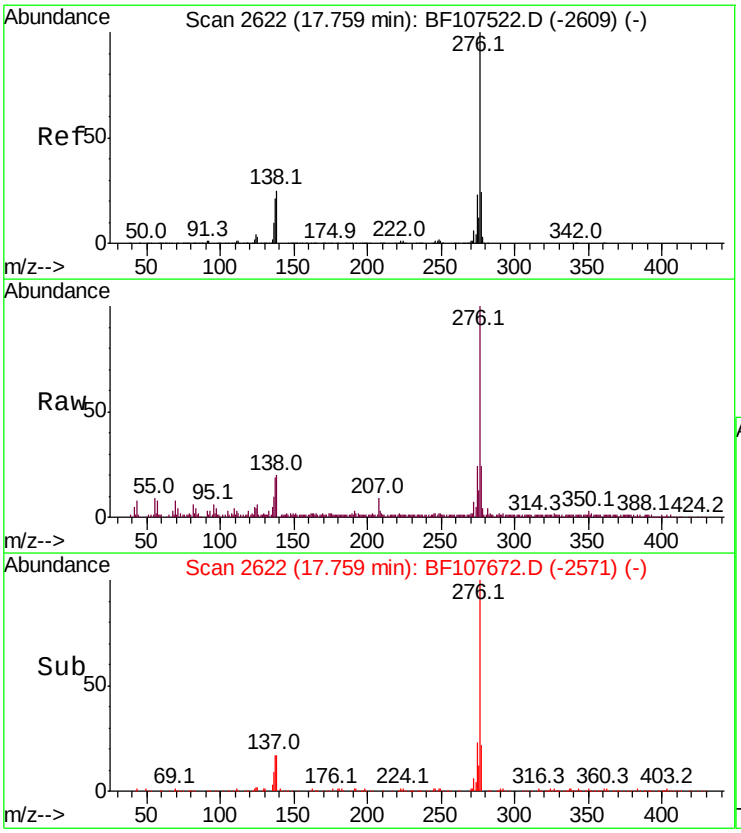
#90
Dibenzo(a,h)anthracene
Concen: 3.434 ng
RT: 17.47 min Scan# 2572
Delta R.T. 0.17 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 54353

Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	26.8	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 16.198 ng
RT: 17.76 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BF107672.D
Acq: 25 Jul 2018 22:05

Tgt Ion:276 Resp: 252873

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	20.0	21.8	32.8#