Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
Data File : BF107423.D
Acq On : 17 Jul 2018 00:44
Operator : JU/SJ
Sample : J3821-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-071218

Quant Time: Jul 17 04:05:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	115116	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	442550	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	210194	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	402006	20.00	ng		0.00
75) Chrysene-d12	14.17	240	384034	20.00	ng		0.00
86) Perylene-d12	15.70	264	292807	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	206391	27.23	ng		0.00
7) Phenol-d6	6.60	99	256469	26.17	ng		0.00
23) Nitrobenzene-d5	7.54	82	155889	18.78	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	45691	24.74	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	277889	12.84	ng		0.00
78) Terphenyl-d14	13.10	244	295277	19.10	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	24894	3.548	ng	#	65
25) Isophorone	7.54	82	155886	9.476	ng	#	64
31) Naphthalene	8.28	128	86884	4.042	ng		95
37) 2-Methylnaphthalene	8.98	142	44014	3.106	ng		97
49) Dimethylphthalate	9.73	163	48083	2.879	ng		99
51) Acenaphthene	10.06	154	52684	3.967	ng		97
53) 2,4-Dinitrophenol	10.22	184	420	2.799	ng	#	2
54) Dibenzofuran	10.23	168	61488	2.996	ng	#	90
57) Fluorene	10.57	166	98212	7.226	ng		99
64) 4,6-Dinitro-2-methylphenol	10.62	198	209	7.571	ng	#	52
70) Phenanthrene	11.54	178	552017	27.554	ng		93
71) Anthracene	11.60	178	177726	8.907	ng		97
72) Carbazole	11.75	167	46743	2.474	ng		95
74) Fluoranthene	12.74	202	757376	33.261	ng		93
77) Pyrene	12.97	202	710146	27.193	ng		97
80) Benzo(a)anthracene	14.15	228	379086	16.133	ng		96
82) Chrysene	14.19	228	334800	14.916	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	122700	7.680	ng	#	83
87) Benzo(b)fluoranthene	15.24	252	425515	24.828	ng		95
88) Benzo(k)fluoranthene	15.24	252	425625	25.447	ng		95
89) Benzo(a)pyrene	15.63	252	232582	14.786	ng		96
90) Dibenzo(a,h)anthracene	17.27	278	32633	2.749	ng	#	63
91) Benzo(g,h,i)perylene	17.75	276	107030	8.872	ng	#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
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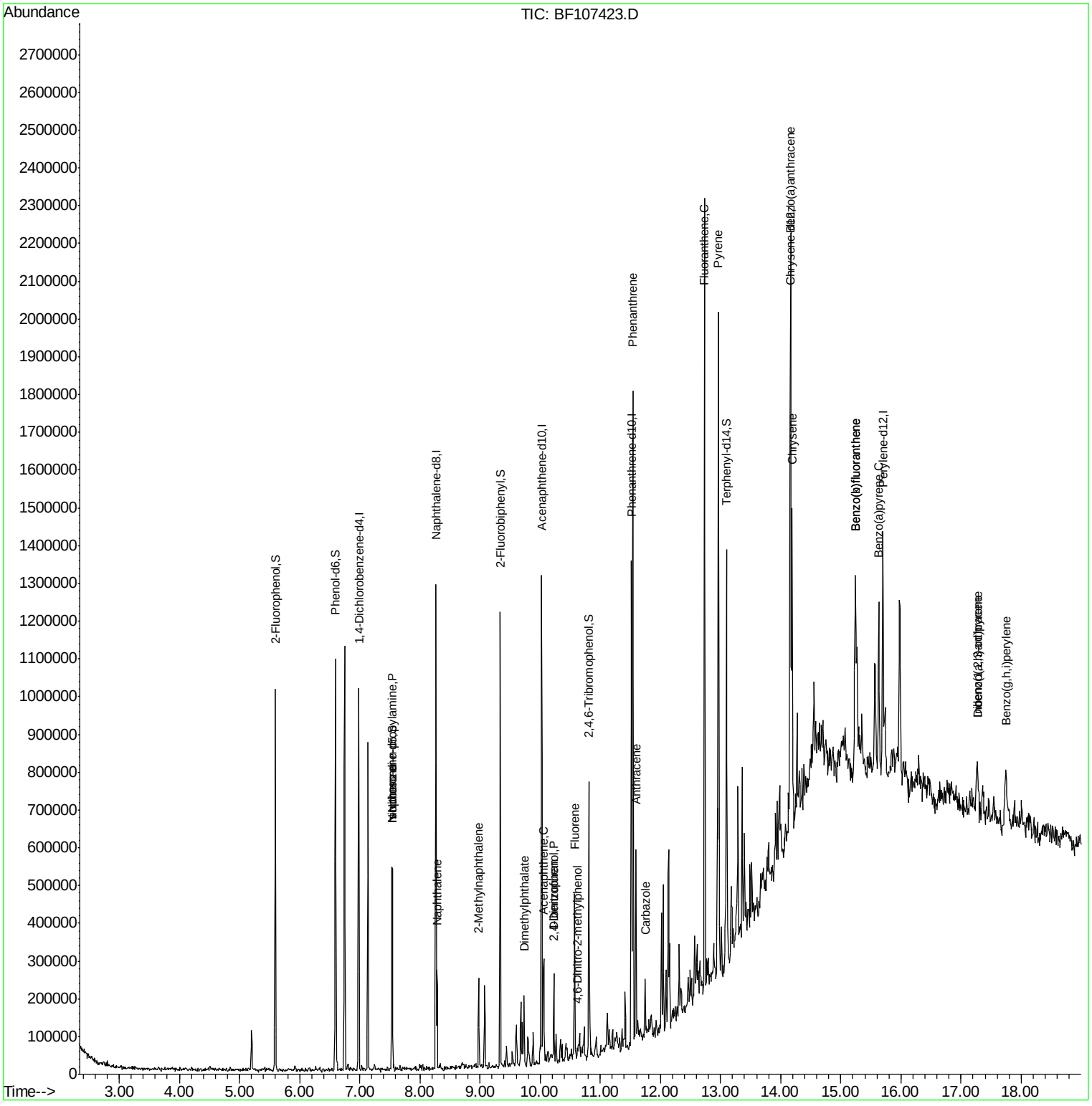
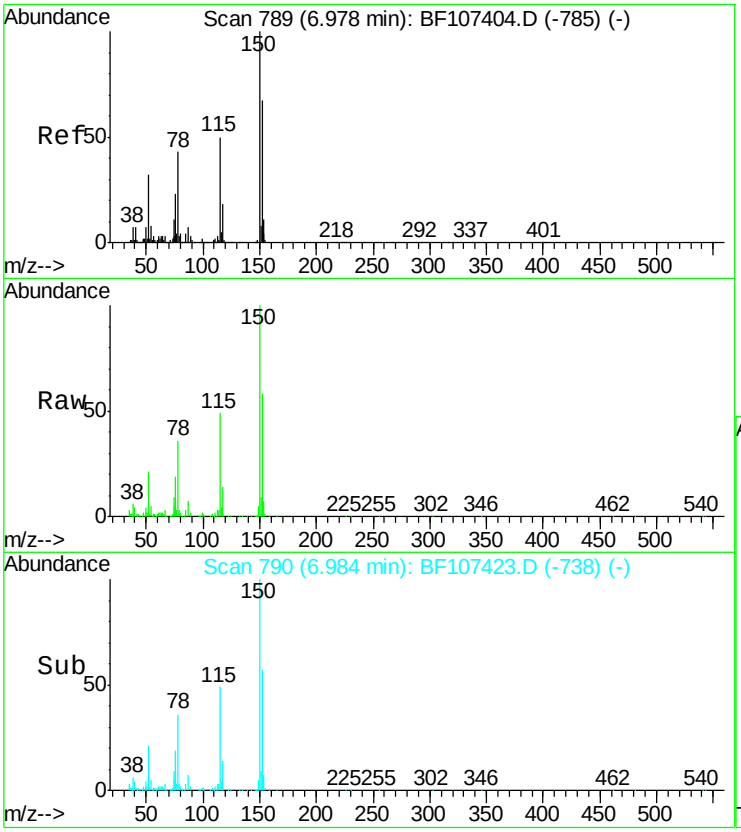
Acq On : 17 Jul 2018 00:44
Operator : JU/SJ
Sample : J3821-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Quant Time: Jul 17 04:05:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration



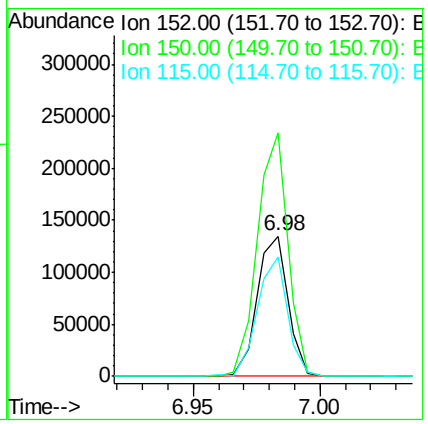


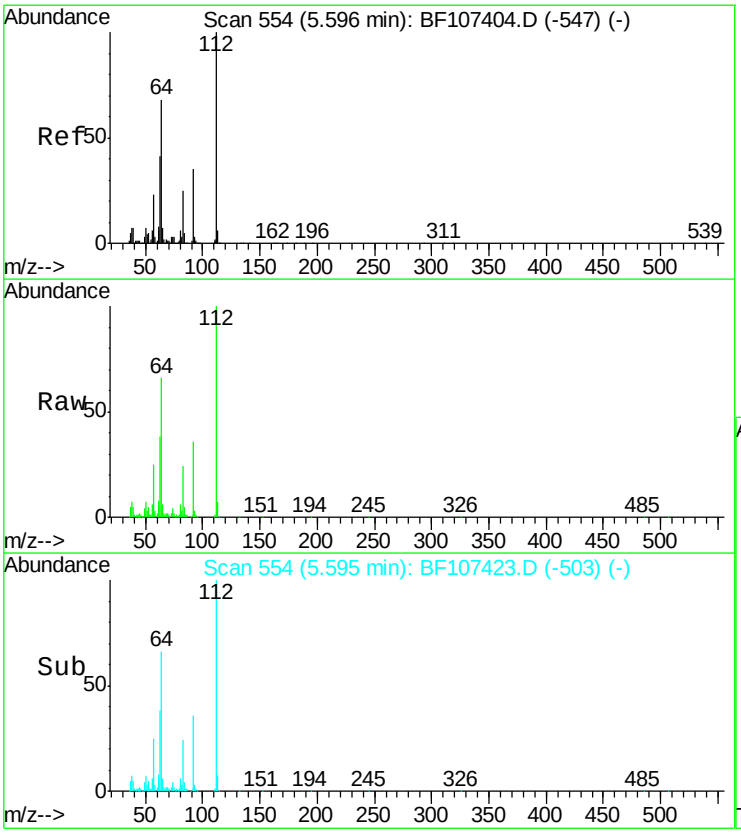
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:152 Resp: 115116

Ion	Ratio	Lower	Upper
152	100		
150	173.5	124.6	186.8
115	84.8	50.1	75.1#

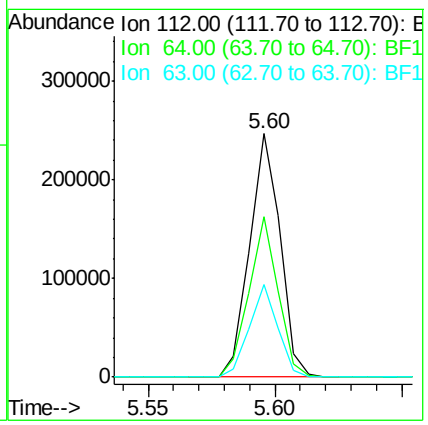


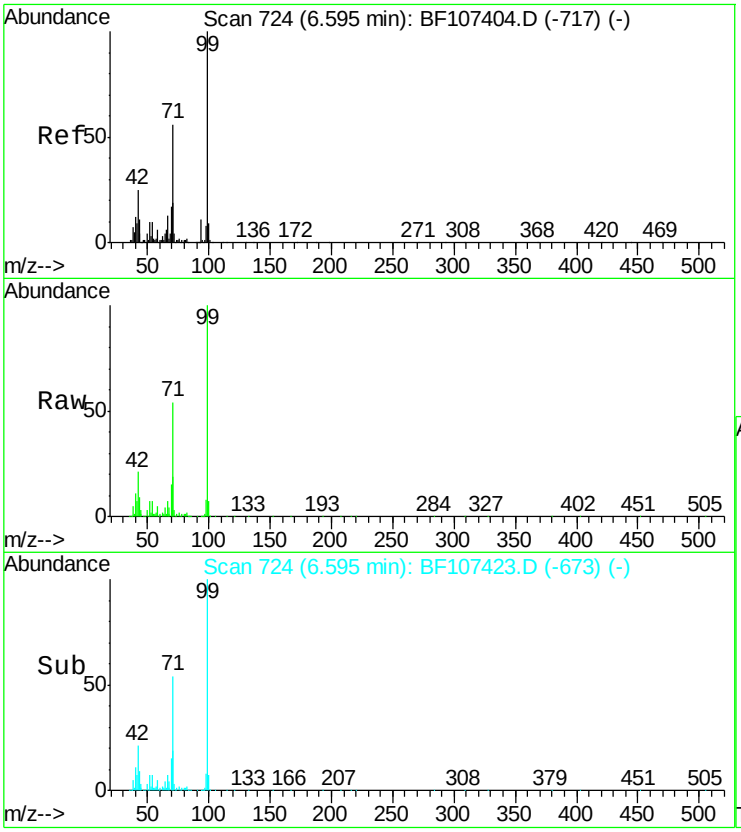


#5
2-Fluorophenol
Concen: 27.229 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:112 Resp: 206391

Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	38.2	23.7	35.5#



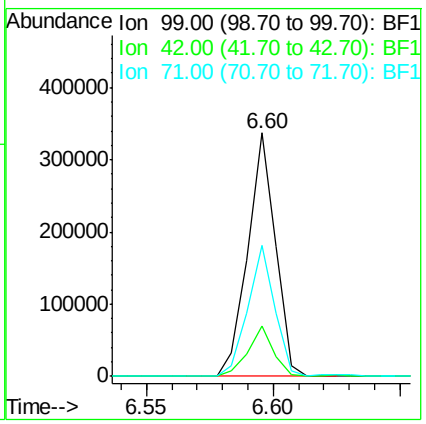


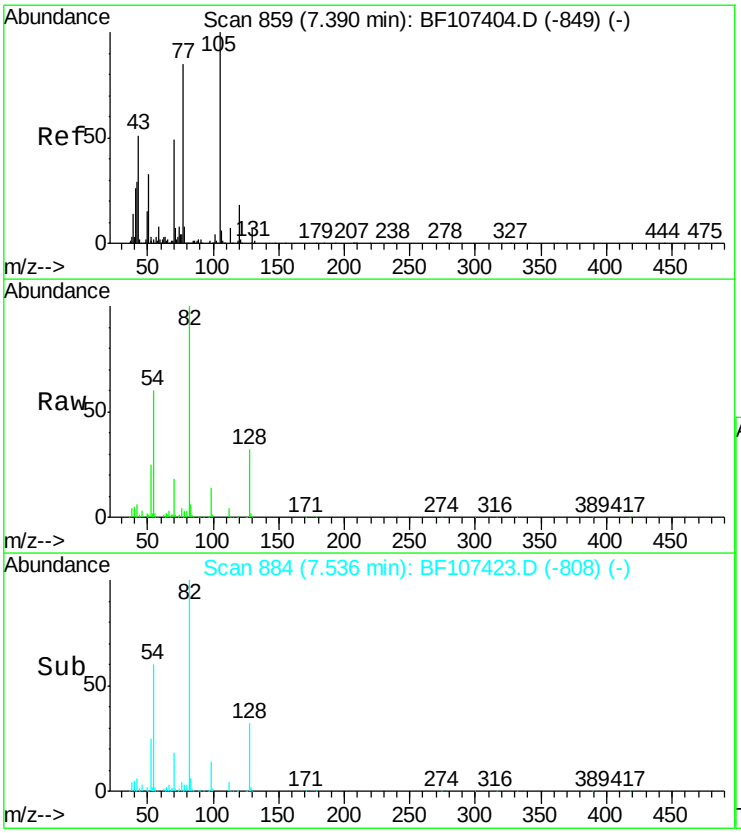
#7
Phenol-d6
Concen: 26.171 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion: 99 Resp: 256469

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	53.7	25.4	38.0#

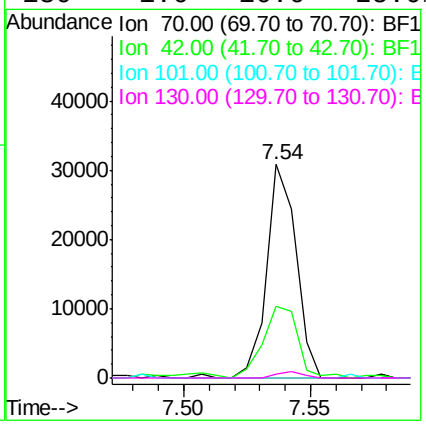


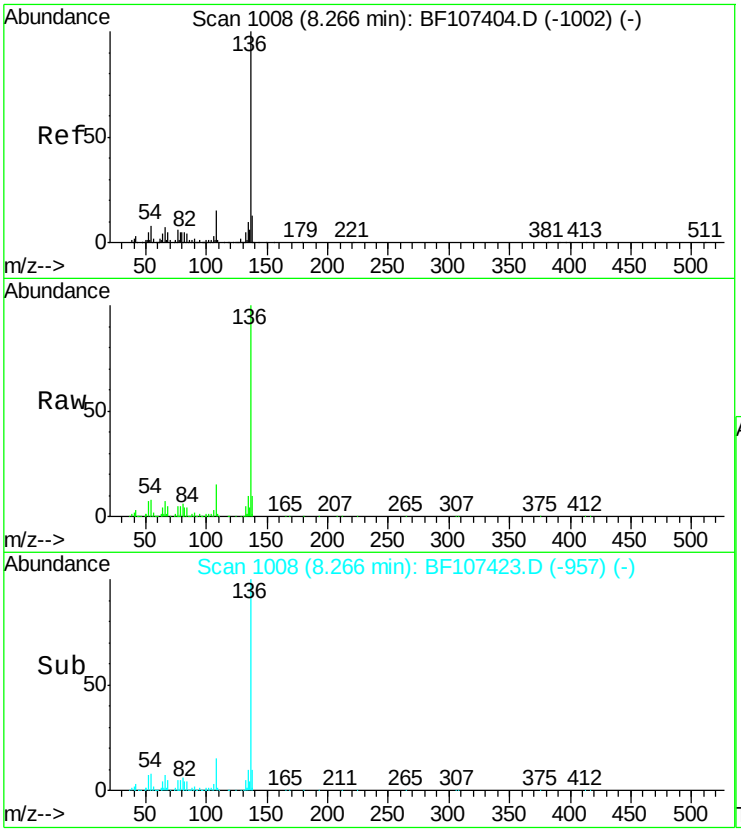


#19
n-Nitroso-di-n-propylamine
Concen: 3.548 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion: 70 Resp: 24894

Ion	Ratio	Lower	Upper
70	100		
42	33.7	47.5	71.3#
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#



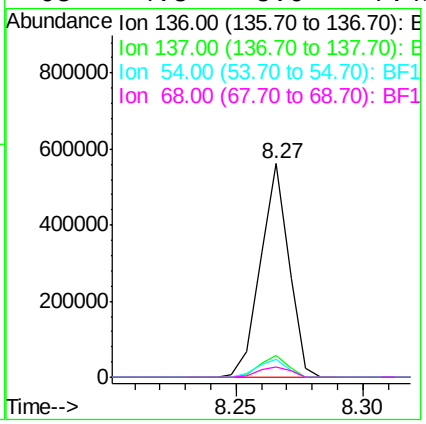


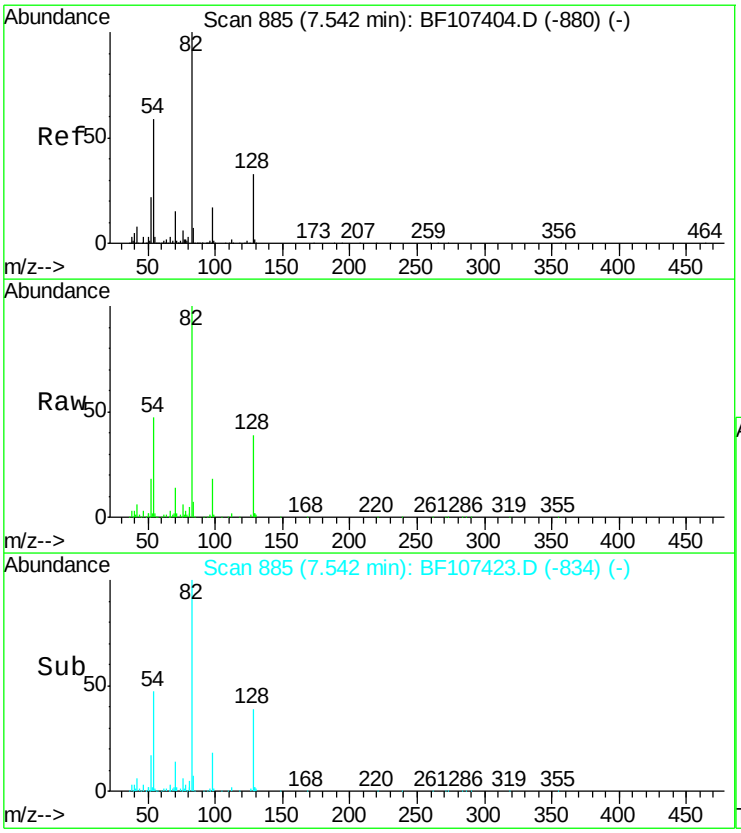
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:136 Resp: 442550

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	8.5	6.6	9.8
68	4.8	5.0	7.4#

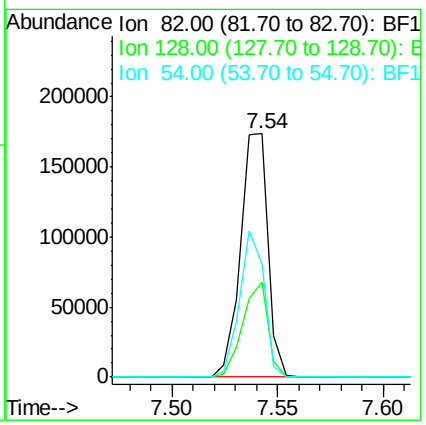


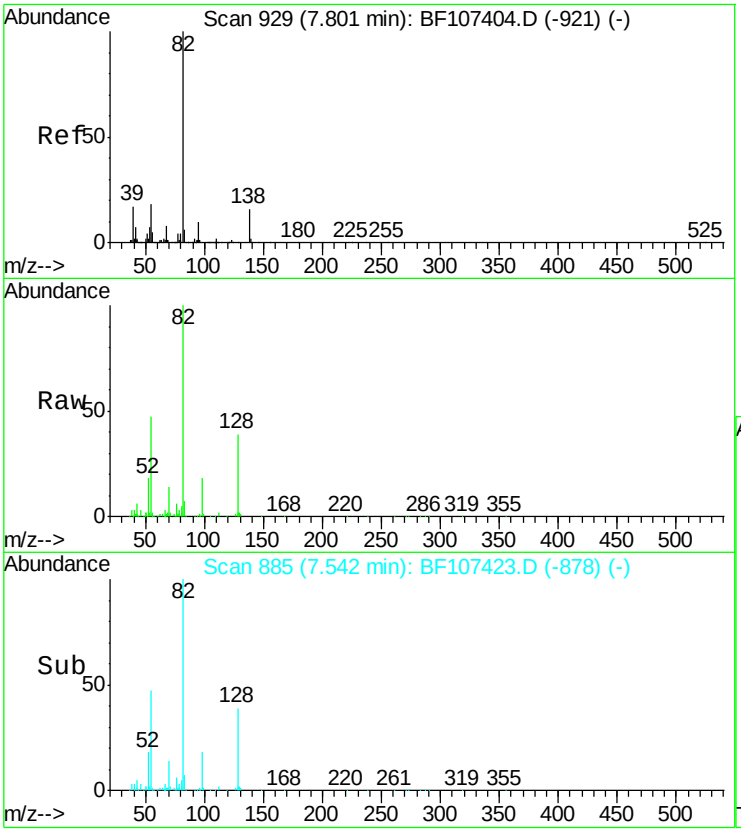


#23
Nitrobenzene-d5
Concen: 18.784 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion: 82 Resp: 155889

Ion	Ratio	Lower	Upper
82	100		
128	39.0	36.1	54.1
54	46.7	41.4	62.2



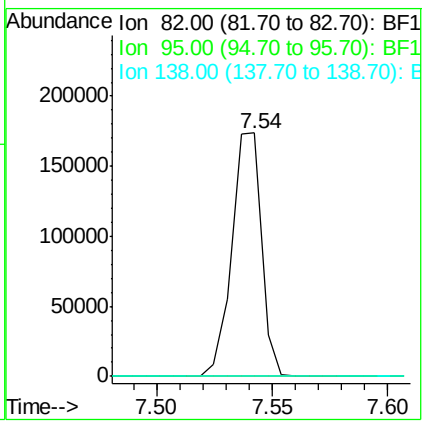


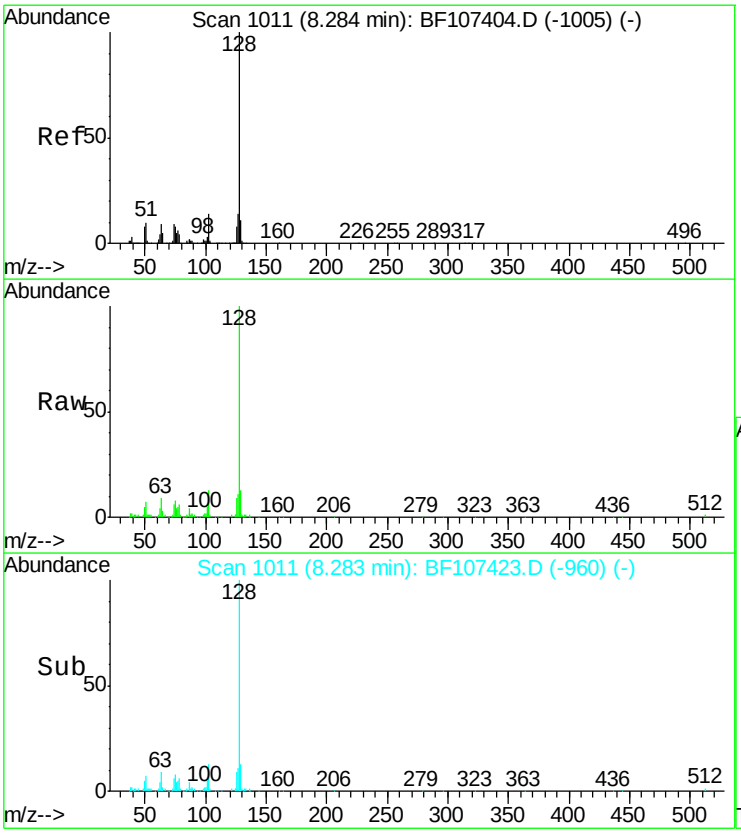
#25
Isophorone
Concen: 9.476 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion: 82 Resp: 155886

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#

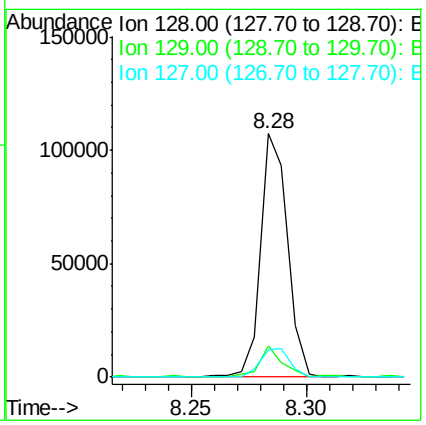


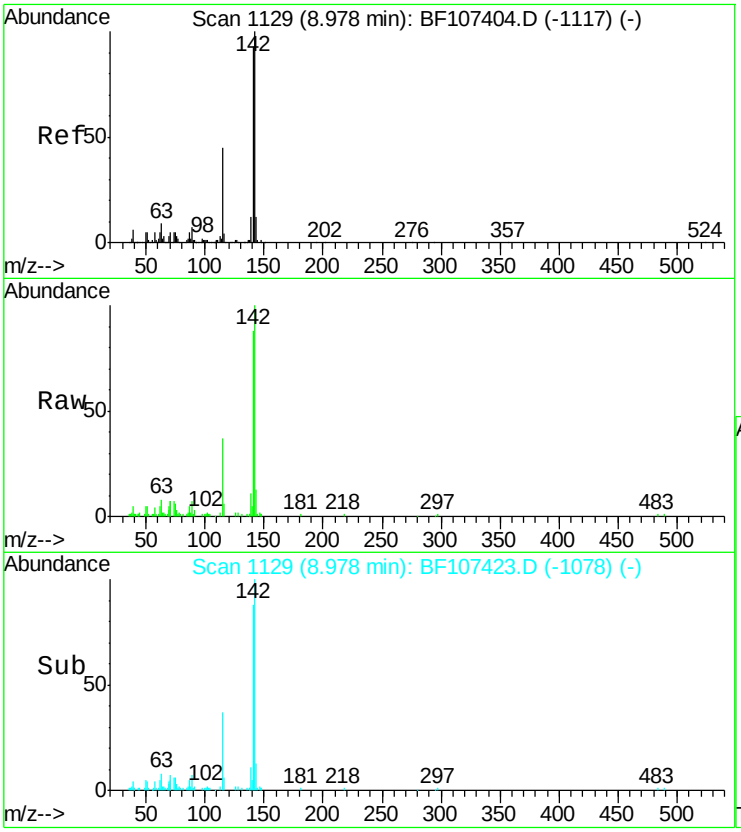


#31
Naphthalene
Concen: 4.042 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:128 Resp: 86884

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.8	13.2
127	11.4	10.9	16.3



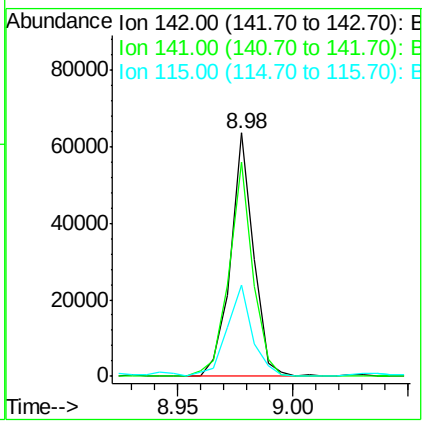


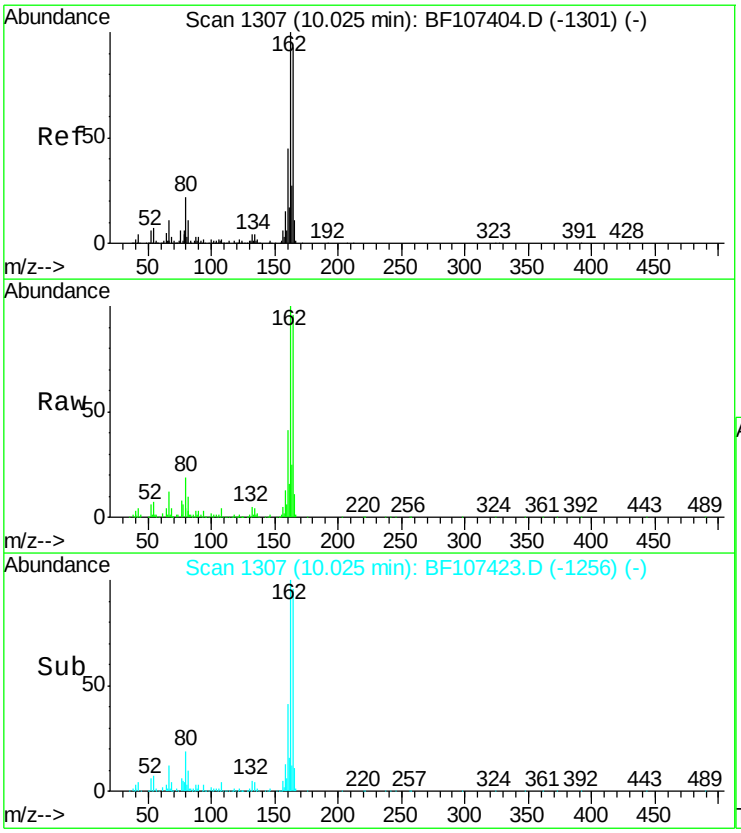
#37
2-Methylnaphthalene
Concen: 3.106 ng
RT: 8.98 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:142 Resp: 44014

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	37.3	26.1	39.1

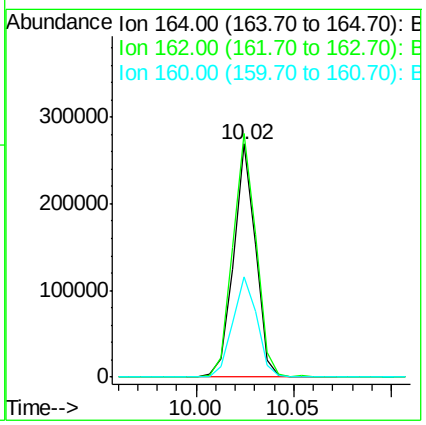


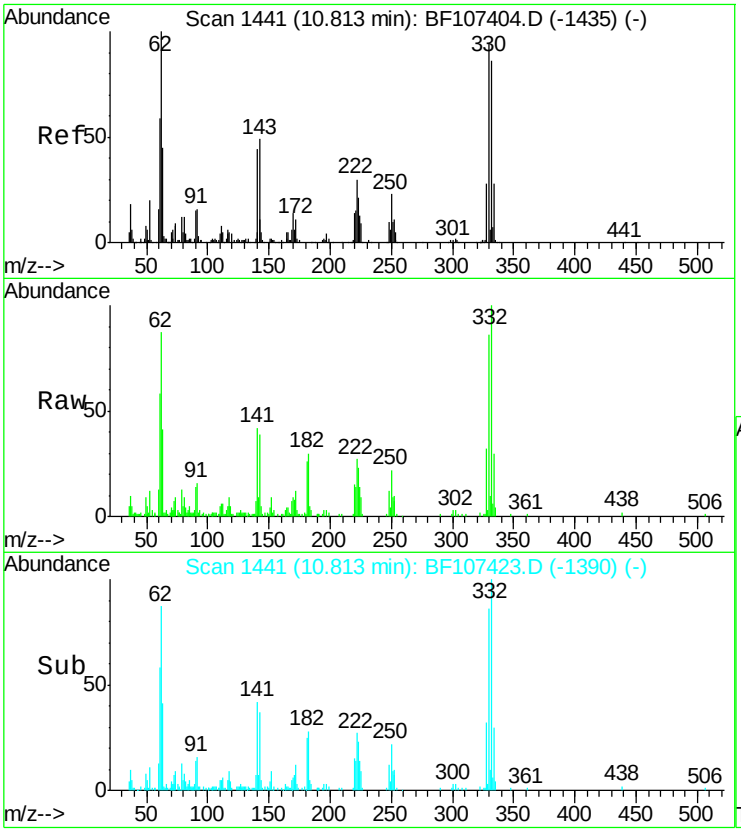


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:164 Resp: 210194

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	42.8	38.3	57.5



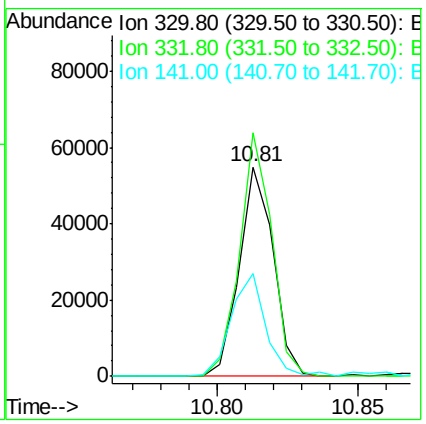


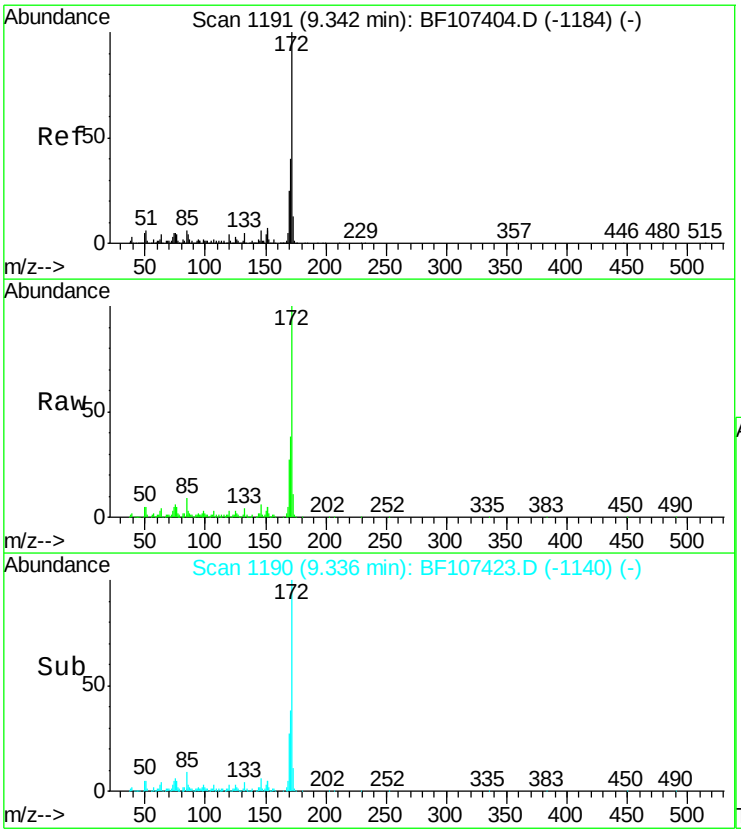
#41
2,4,6-Tribromophenol
Concen: 24.741 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:330 Resp: 45691

Ion	Ratio	Lower	Upper
330	100		
332	110.7	77.0	115.6
141	50.4	29.9	44.9#

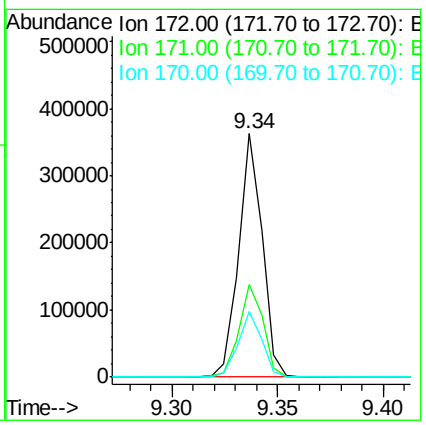


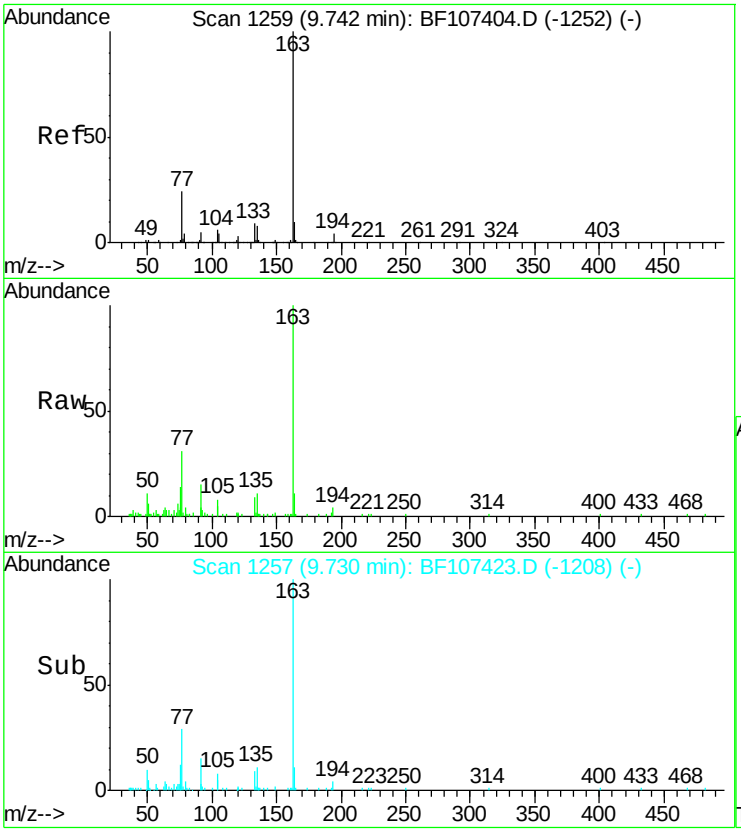


#44
2-Fluorobiphenyl
Concen: 12.841 ng
RT: 9.34 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:172 Resp: 277889

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	26.8	19.6	29.4



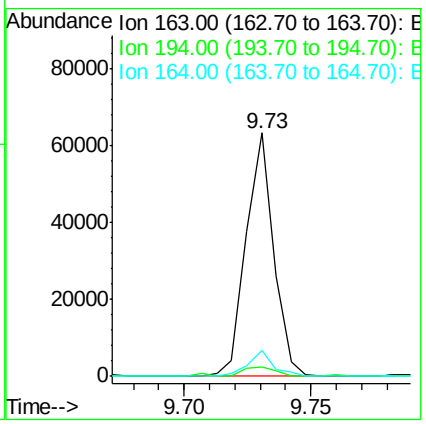


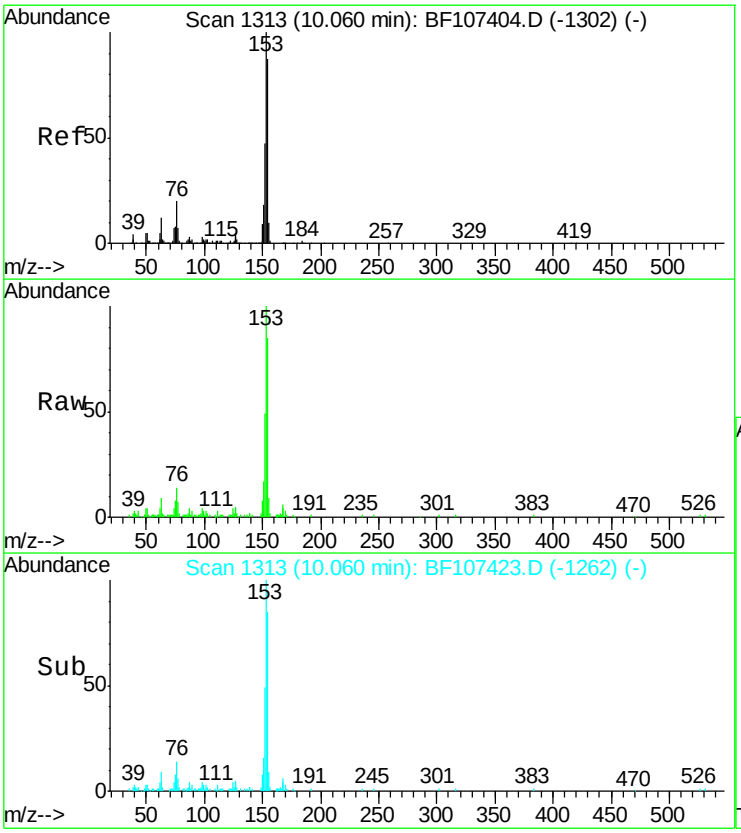
#49
Dimethylphthalate
Concen: 2.879 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:163 Resp: 48083

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.7	8.2	12.2

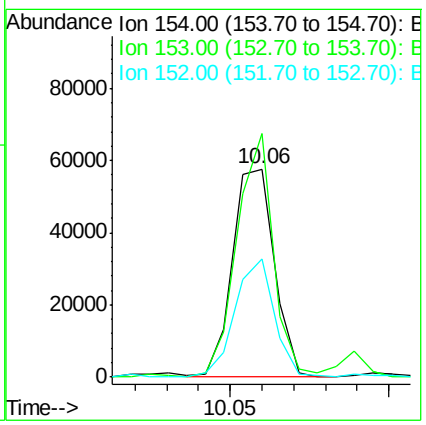


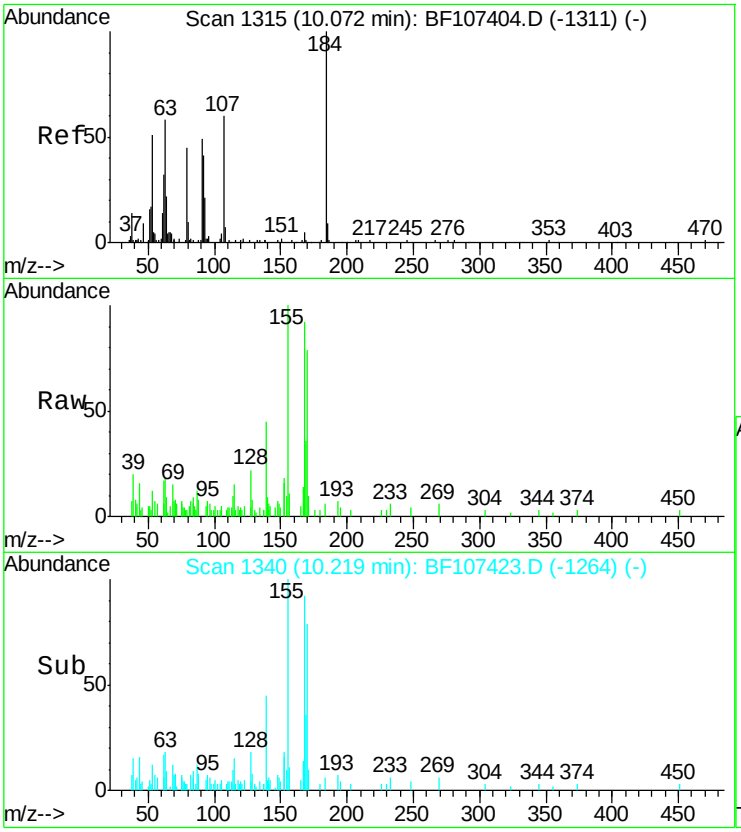


#51
Acenaphthene
Concen: 3.967 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:154 Resp: 52684

Ion	Ratio	Lower	Upper
154	100		
153	117.1	91.2	136.8
152	56.9	43.8	65.8



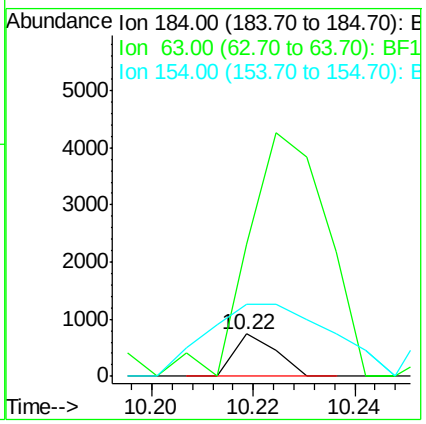


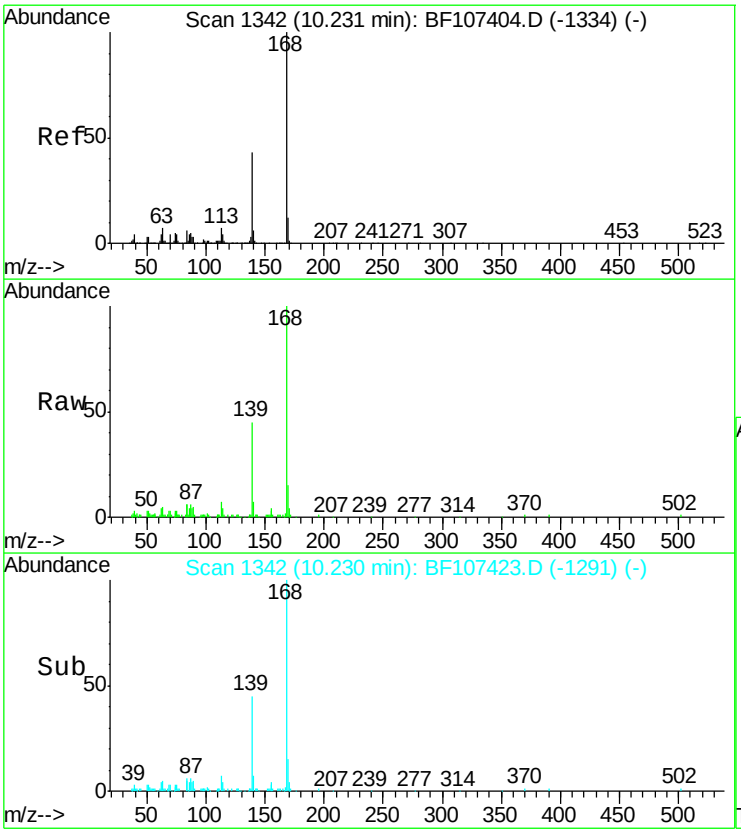
#53
2,4-Dinitrophenol
Concen: 2.799 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.15 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:184 Resp: 420

Ion	Ratio	Lower	Upper
184	100		
63	311.3	54.2	81.2#
154	168.1	184.0	276.0#

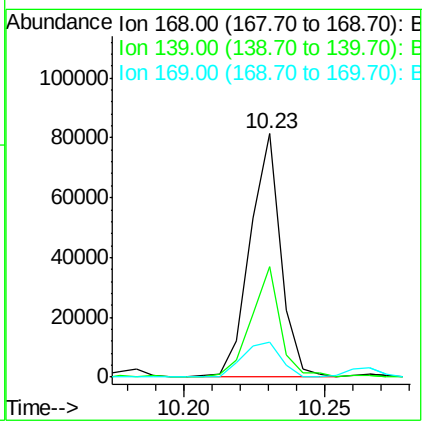


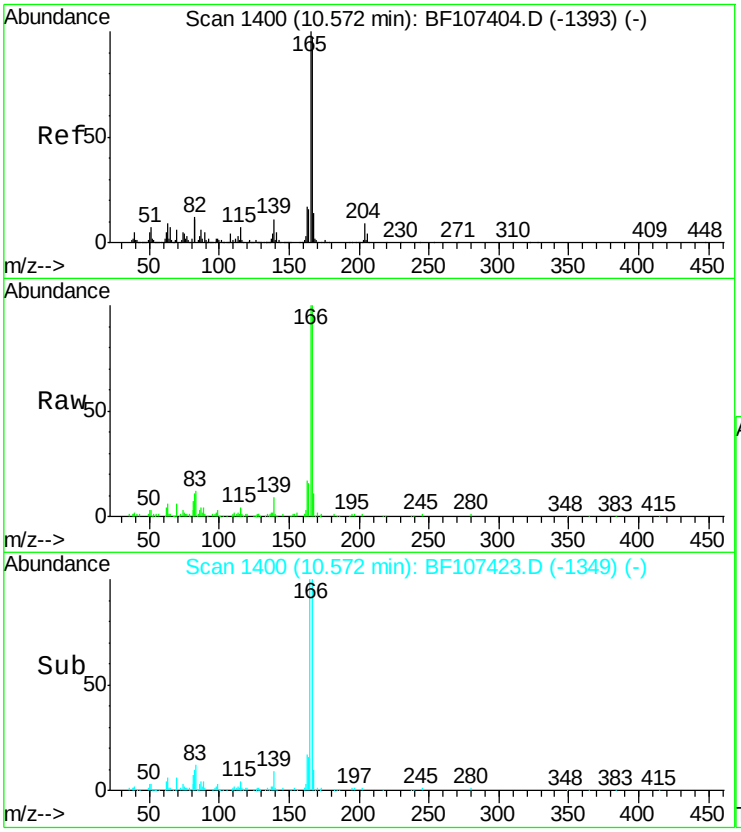


#54
Dibenzofuran
Concen: 2.996 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:168 Resp: 61488

Ion	Ratio	Lower	Upper
168	100		
139	45.3	30.1	45.1#
169	14.6	10.9	16.3



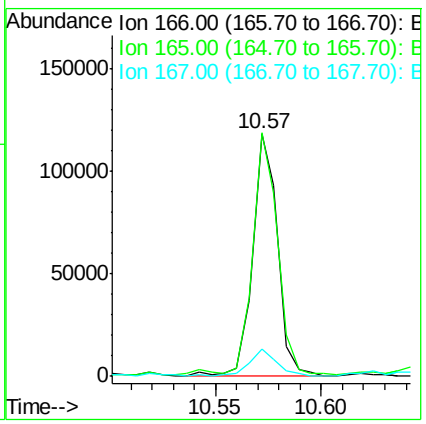


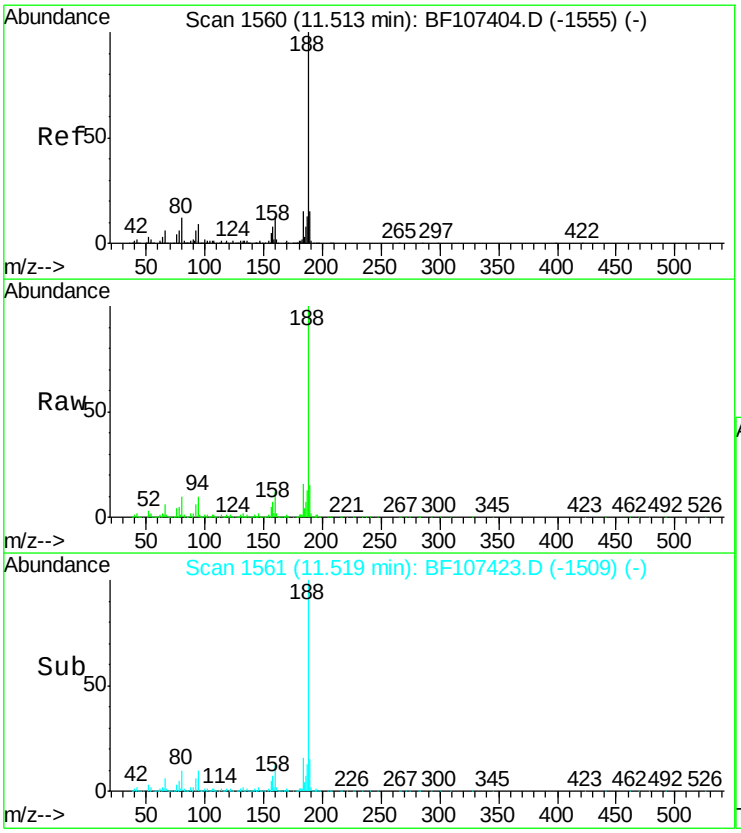
#57
Fluorene
Concen: 7.226 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:166 Resp: 98212

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.8	119.8
167	11.2	10.6	16.0

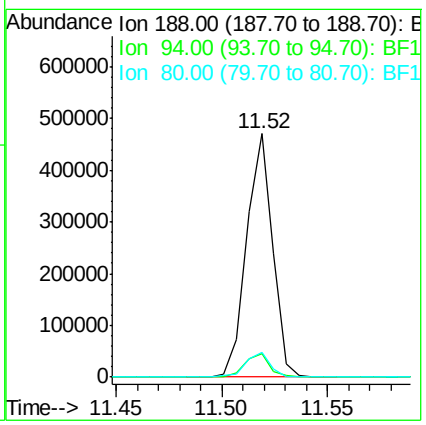


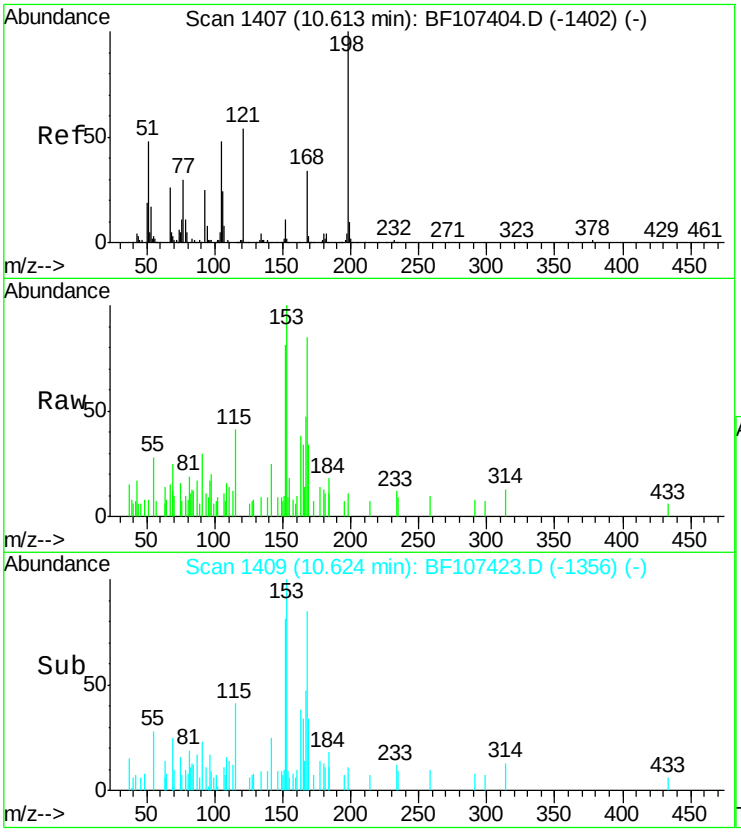


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:188 Resp: 402006

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.2	9.2	13.8



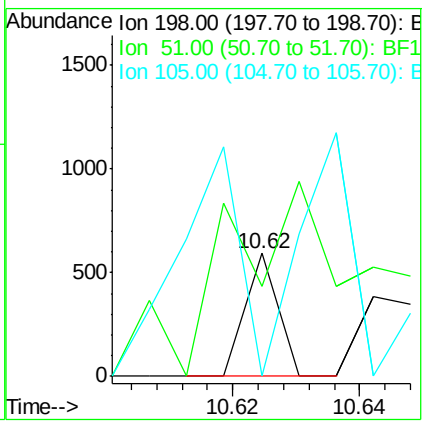


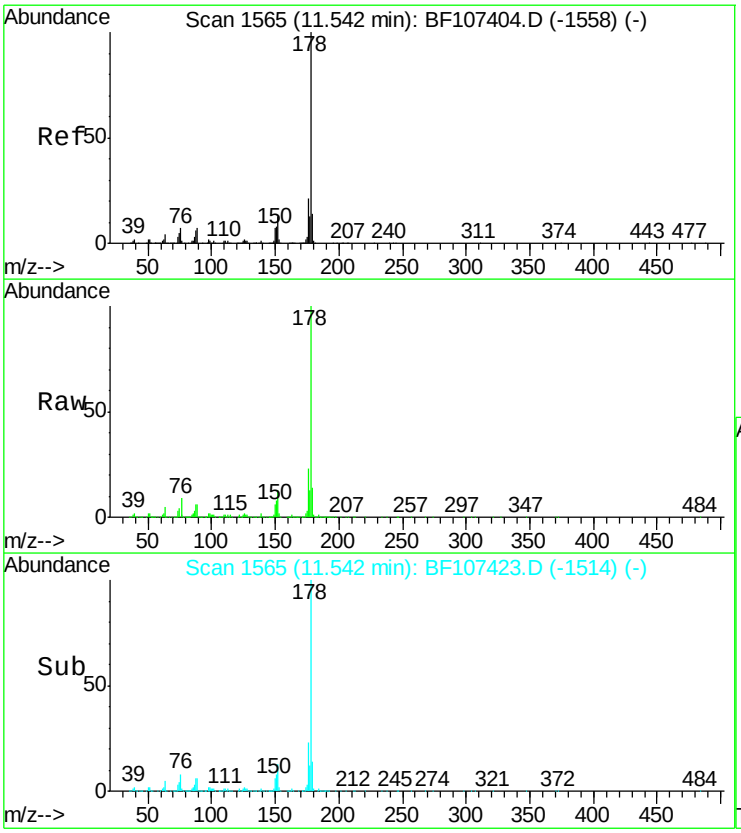
#64
4,6-Dinitro-2-methylphenol
Concen: 7.571 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:198 Resp: 209

Ion	Ratio	Lower	Upper
198	100		
51	73.0	37.7	77.7
105	0.0	36.3	76.3#

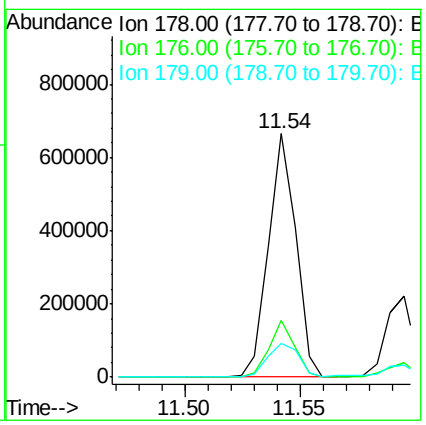


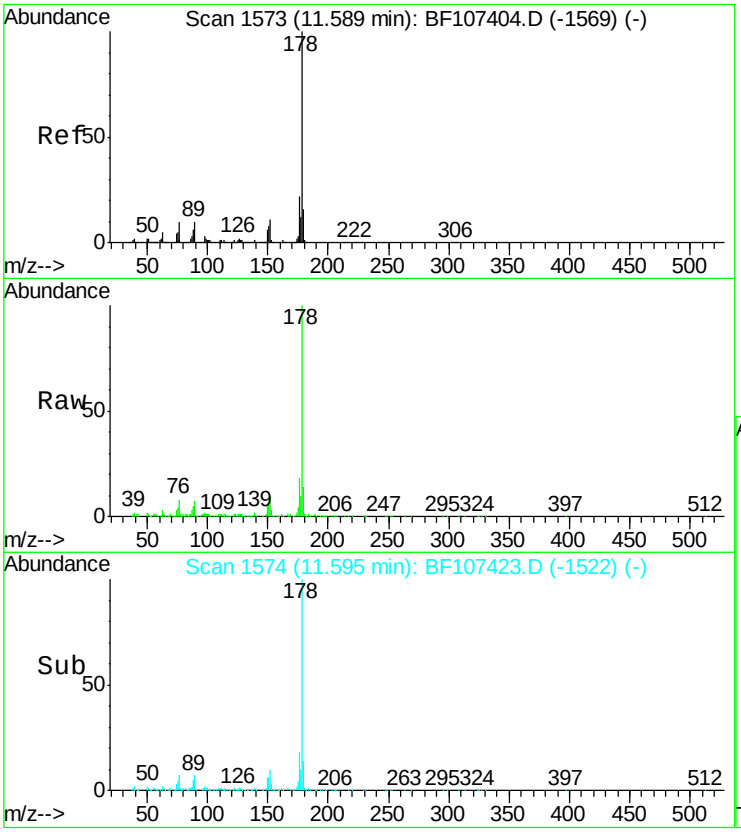


#70
Phenanthrene
Concen: 27.554 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:178 Resp: 552017

Ion	Ratio	Lower	Upper
178	100		
176	23.4	15.8	23.8
179	14.1	13.0	19.6



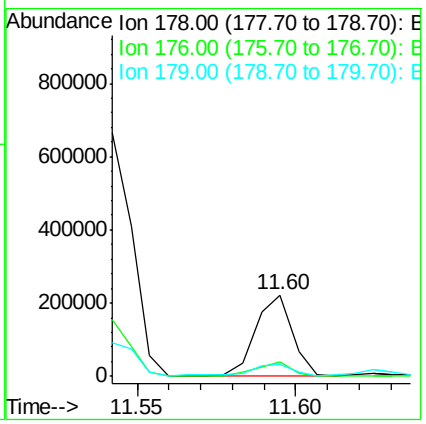


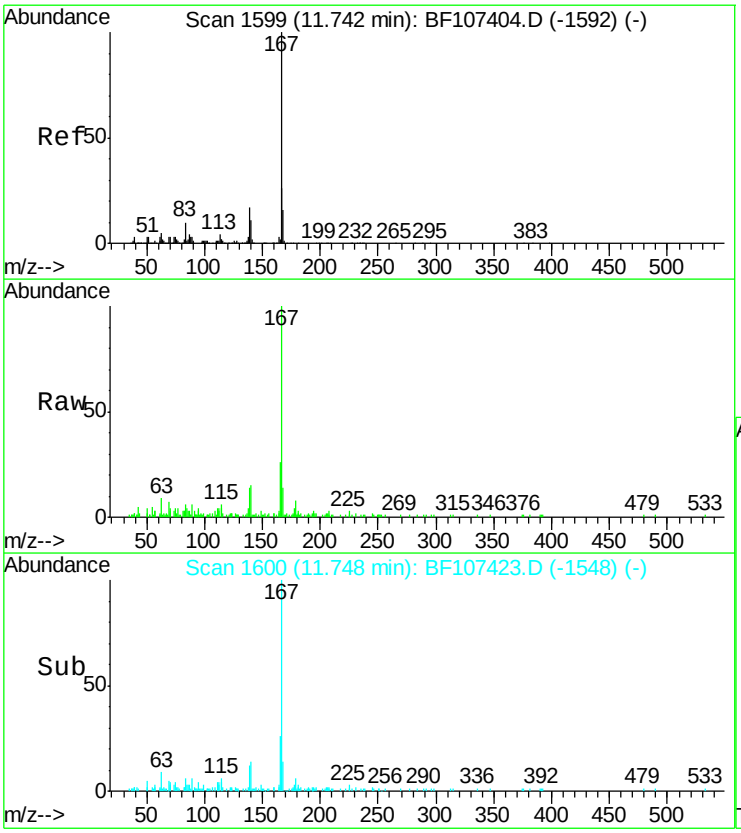
#71
Anthracene
Concen: 8.907 ng
RT: 11.60 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:178 Resp: 177726

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.4	12.6	19.0

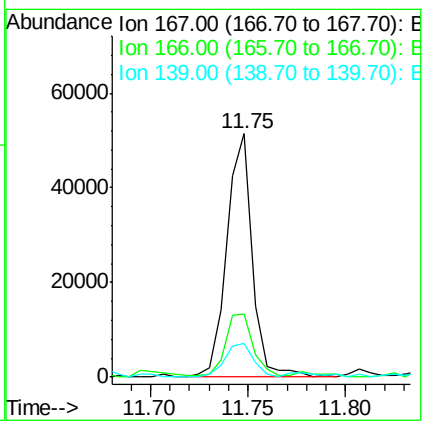


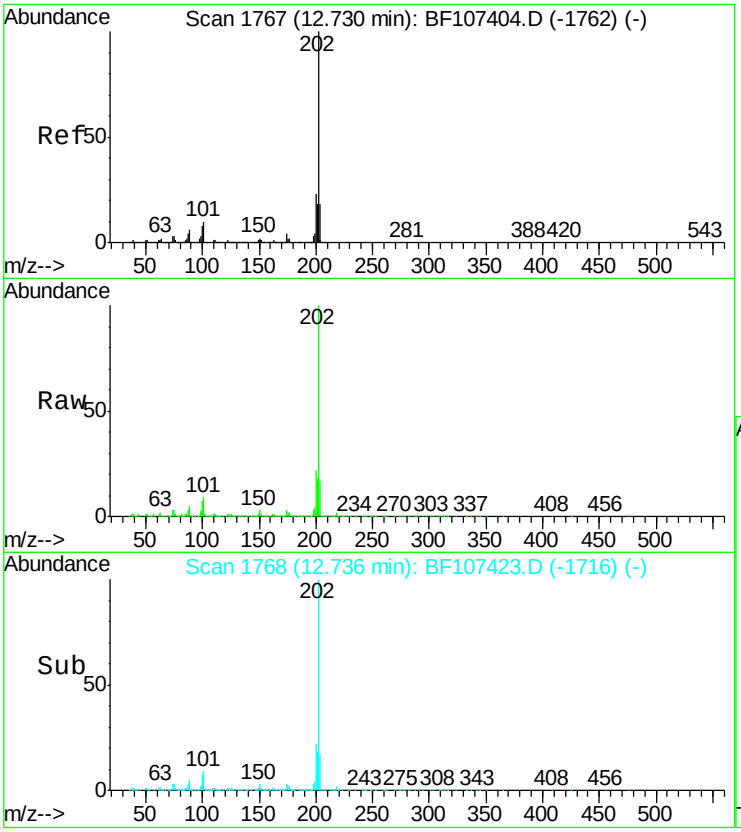


#72
Carbazole
Concen: 2.474 ng
RT: 11.75 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:167 Resp: 46743

Ion	Ratio	Lower	Upper
167	100		
166	26.2	17.6	26.4
139	13.6	10.9	16.3



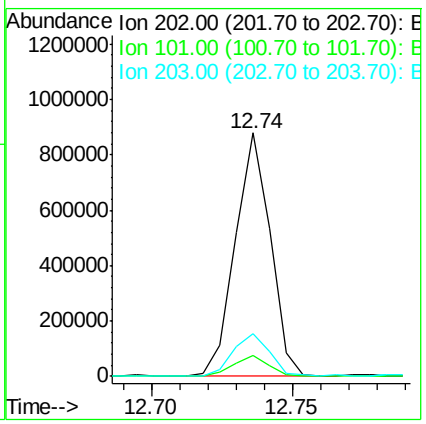


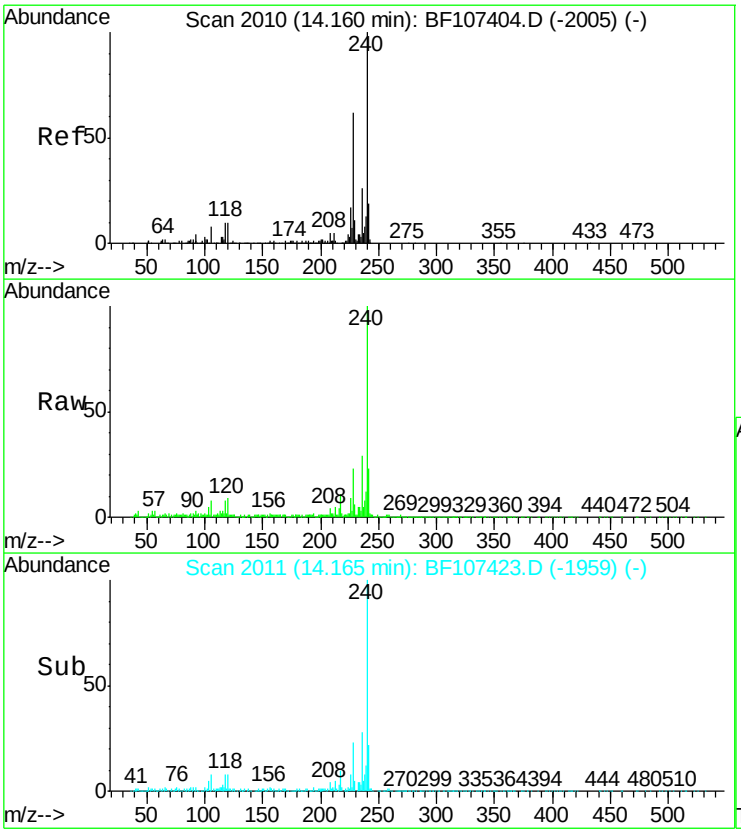
#74
Fluoranthene
Concen: 33.261 ng
RT: 12.74 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:202 Resp: 757376

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	34.1
203	17.3	0.0	38.1

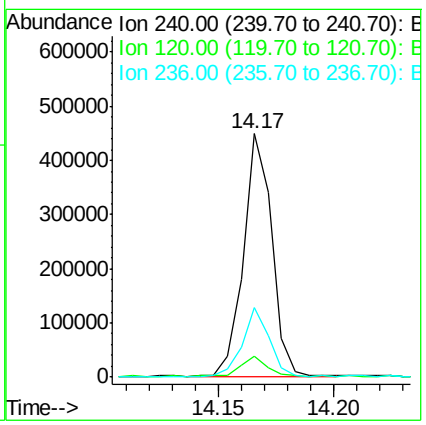


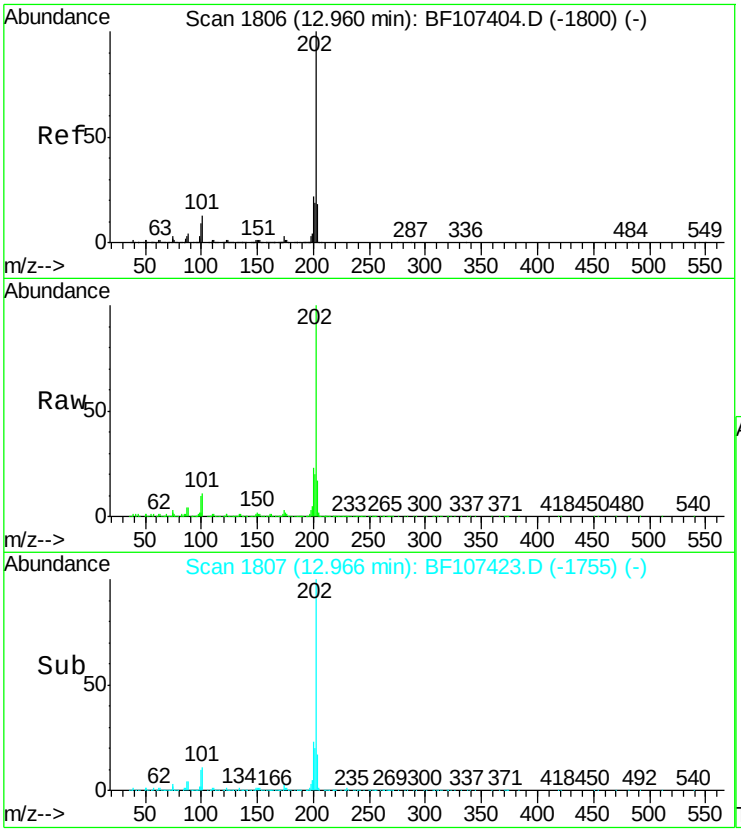


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:240 Resp: 384034

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	28.8	20.7	31.1



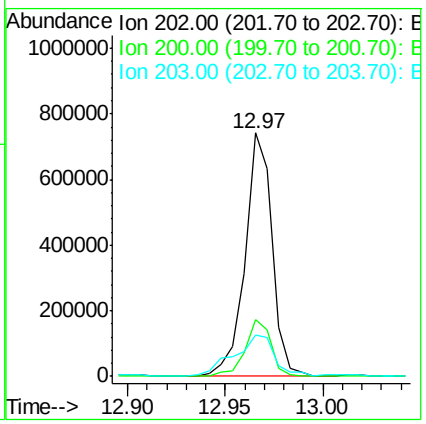


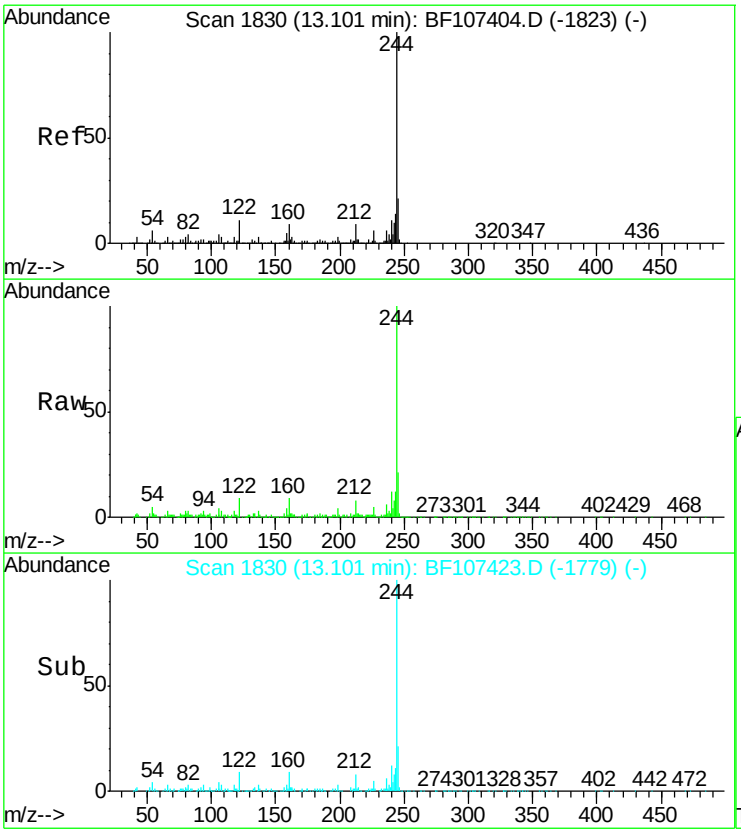
#77
Pyrene
Concen: 27.193 ng
RT: 12.97 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:202 Resp: 710146

Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.4	26.2
203	17.0	14.3	21.5

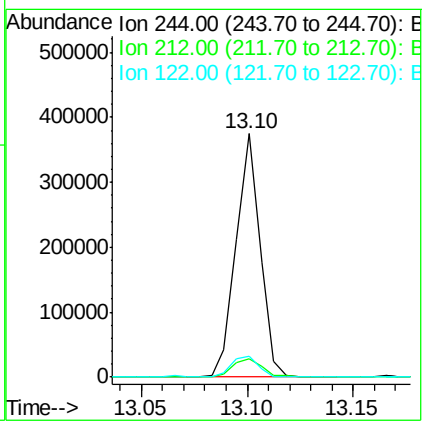


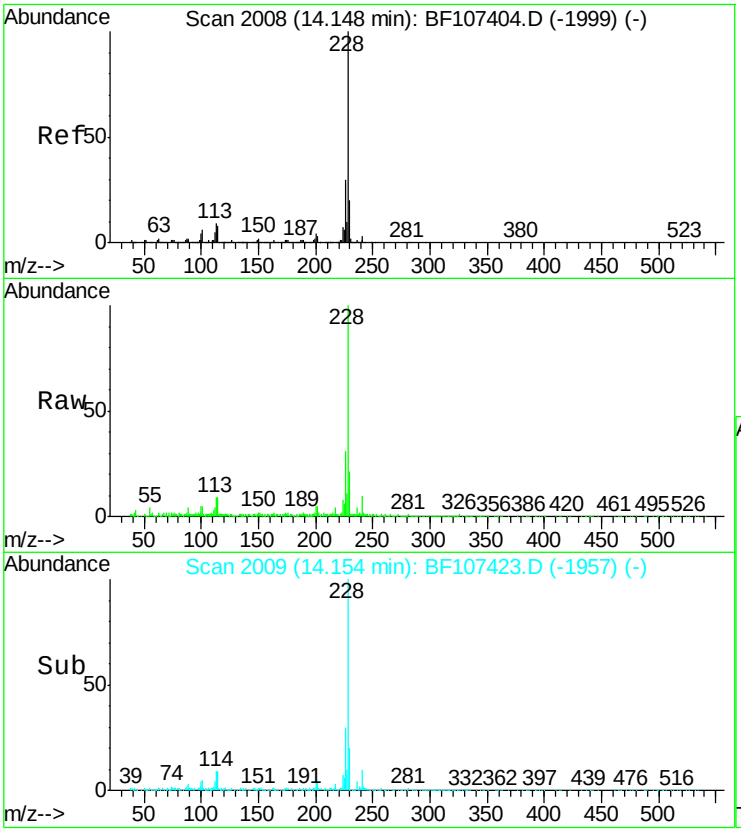


#78
Terphenyl-d14
Concen: 19.103 ng
RT: 13.10 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:244 Resp: 295277

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	8.8	11.0	16.4#



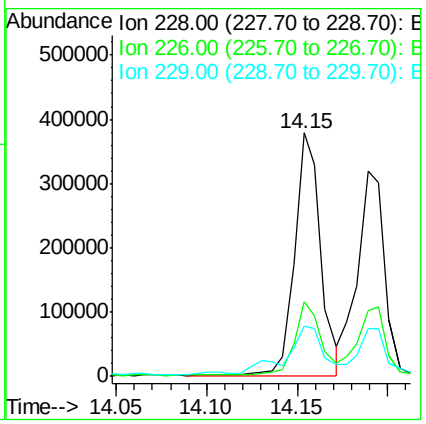


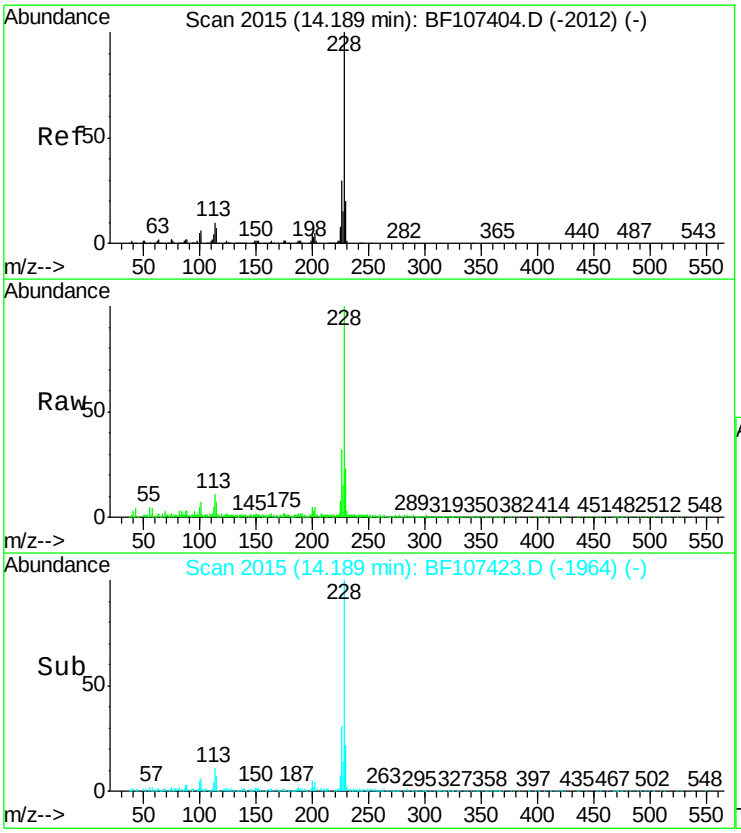
#80
Benzo(a)anthracene
Concen: 16.133 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:228 Resp: 379086

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	20.7	15.8	23.6

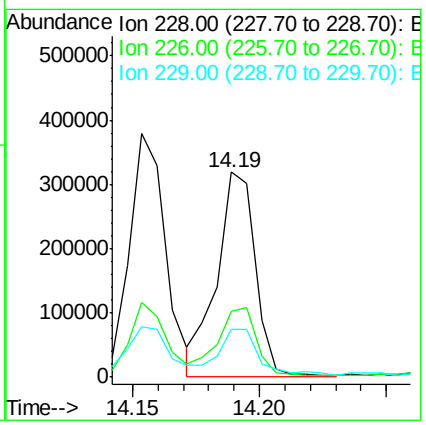


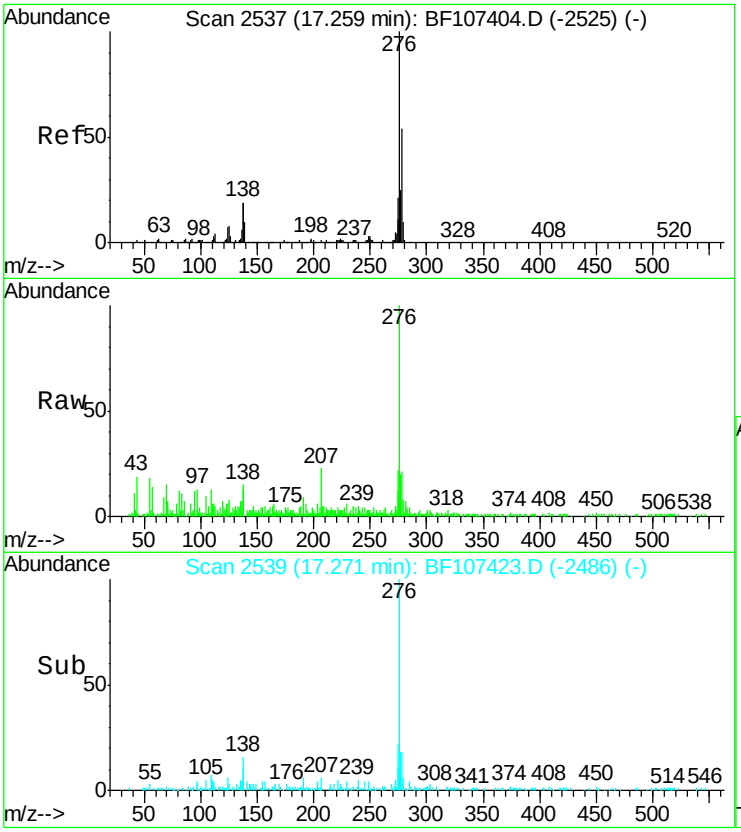


#82
Chrysene
Concen: 14.916 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:228 Resp: 334800

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	23.3	16.2	24.4



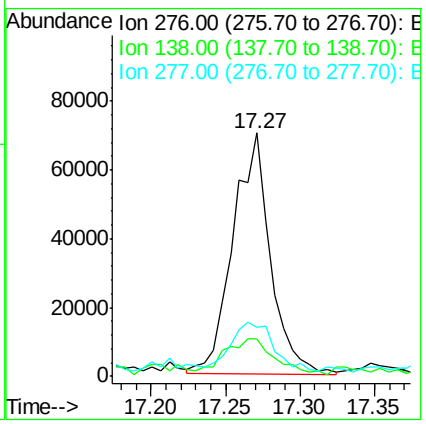


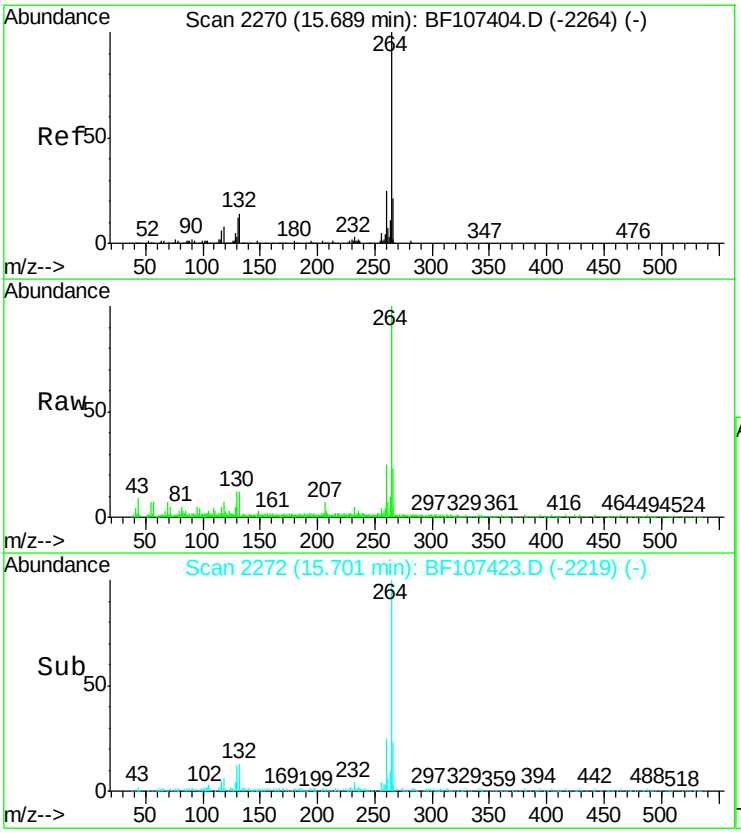
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.680 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:276 Resp: 122700

Ion	Ratio	Lower	Upper
276	100		
138	17.0	25.0	37.6#
277	22.6	20.1	30.1

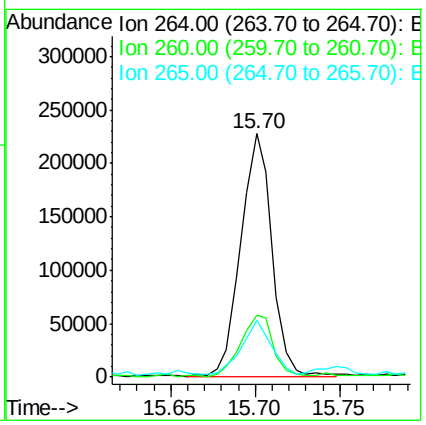


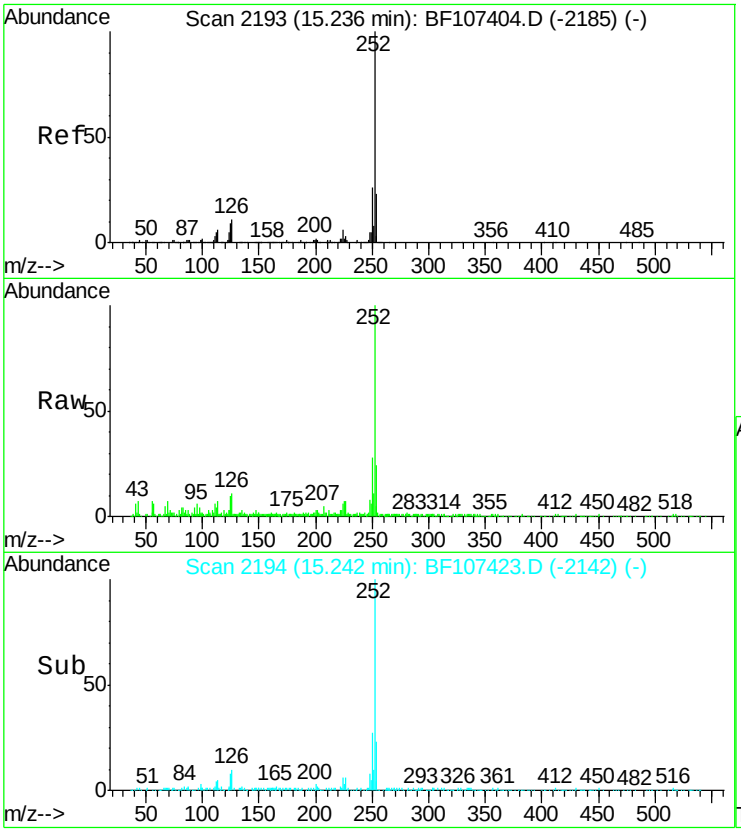


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:264 Resp: 292807

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	23.2	17.5	26.3



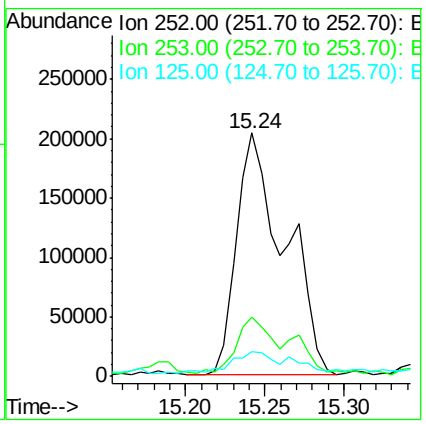


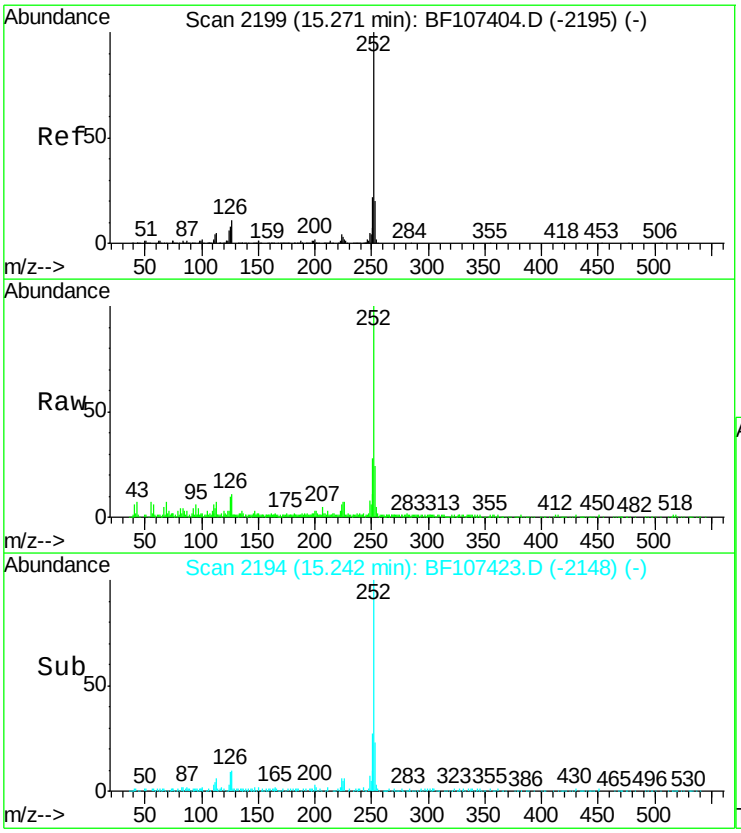
#87
Benzo(b)fluoranthene
Concen: 24.828 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:252 Resp: 425515

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	10.3	9.0	13.6

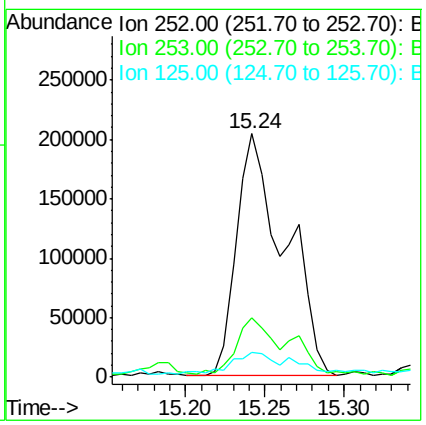


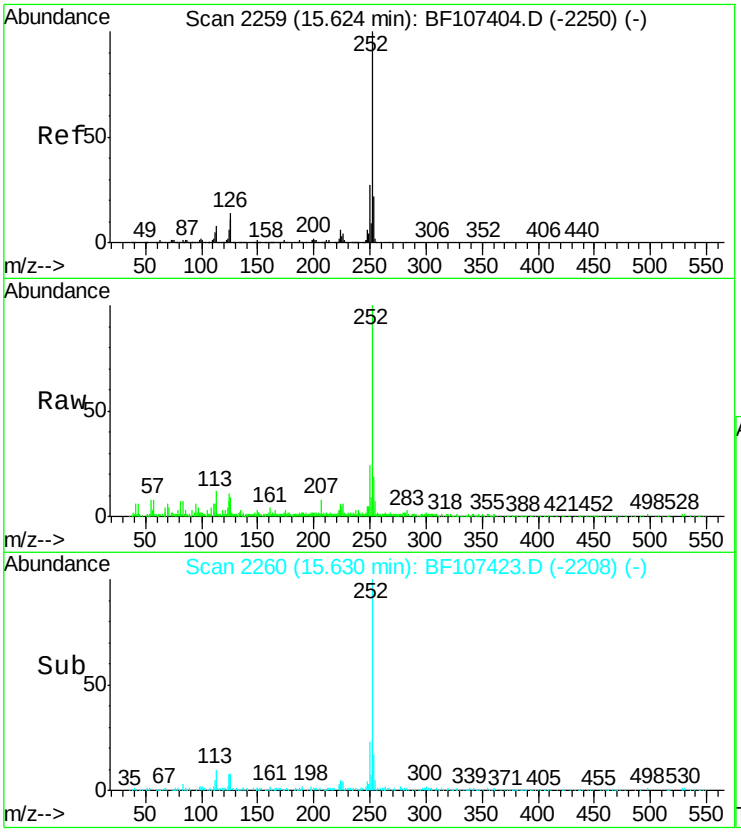


#88
Benzo(k)fluoranthene
Concen: 25.447 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.03 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:252 Resp: 425625

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	10.3	10.2	15.2



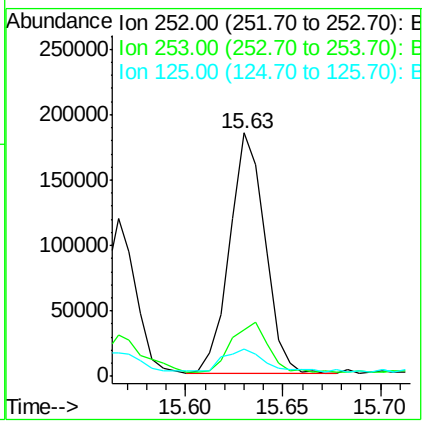


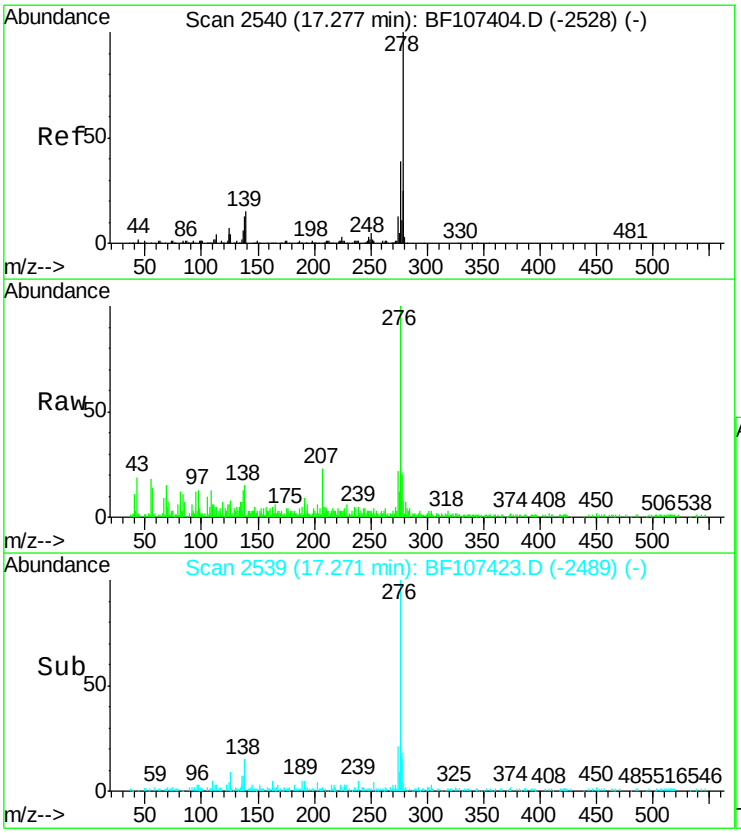
#89
Benzo(a)pyrene
Concen: 14.786 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:252 Resp: 232582

Ion	Ratio	Lower	Upper
252	100		
253	18.9	17.1	25.7
125	11.0	9.8	14.6

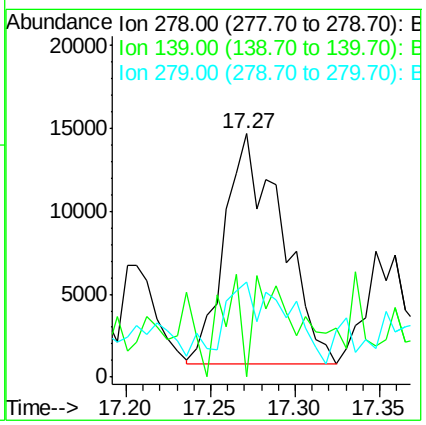


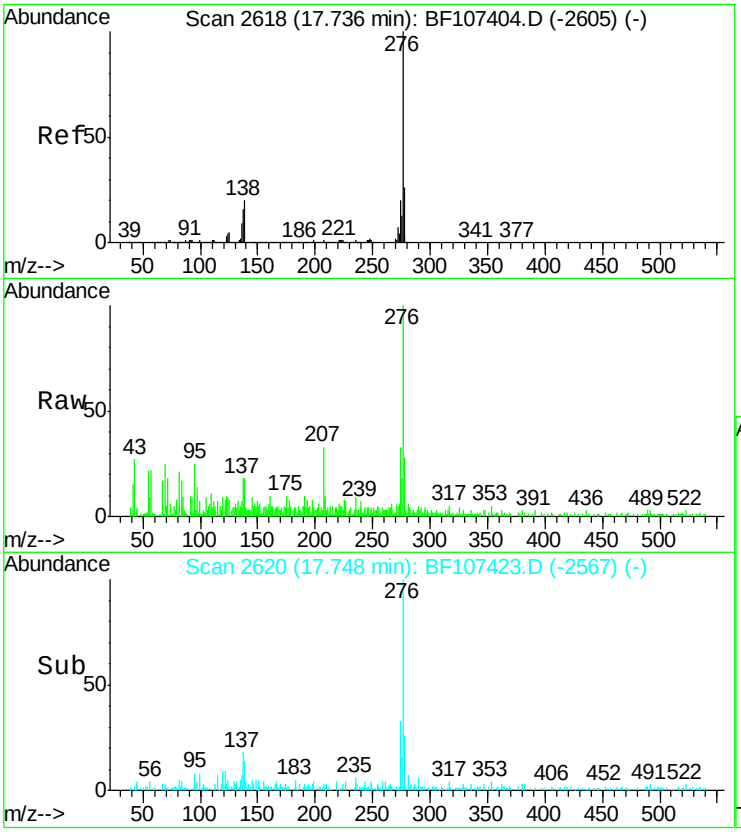


#90
Dibenzo(a,h)anthracene
Concen: 2.749 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:278 Resp: 32633

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	38.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.872 ng
RT: 17.75 min Scan# 2620
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:276 Resp: 107030

Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.9	26.9#
138	17.8	21.8	32.8#