Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120492.D
Acq On : 2 Jun 2020 14:02
Operator : JU/CG
Sample : L2814-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 02 14:40:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 11:37:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	184329	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	653042	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	295269	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	507348	20.00	ng		0.00
76) Chrysene-d12	14.03	240	317038	20.00	ng		0.01
86) Perylene-d12	15.49	264	396369	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	541015	55.93	ng		0.00
7) Phenol-d6	6.47	99	653125	54.78	ng		0.00
23) Nitrobenzene-d5	7.40	82	396336	39.70	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	144558	52.84	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	754679	43.37	ng		0.00
79) Terphenyl-d14	12.96	244	746777	52.42	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	51913	6.850	ng	#	76
25) Isophorone	7.40	82	393819	19.627	ng	#	64
31) Naphthalene	8.15	128	447857	15.615	ng		99
33) 4-Chloroaniline	8.15	127	57699	4.539	ng	#	31
37) 2-Methylnaphthalene	8.84	142	203564	10.716	ng		99
38) 1-Methylnaphthalene	8.94	142	161320	8.996	ng		99
46) 1,1'-Biphenyl	9.30	154	75638	3.900	ng		96
49) Acenaphthylene	9.74	152	171384	6.944	ng		96
50) Dimethylphthalate	9.59	163	127772	6.922	ng		99
52) Acenaphthene	9.92	154	466660	30.294	ng		100
55) Dibenzofuran	10.09	168	555453	24.813	ng		97
56) 4-Nitrophenol	10.09	139	195500	53.009	ng	#	14
58) Fluorene	10.43	166	817927	48.690	ng		100
71) Phenanthrene	11.41	178	3690036	165.063	ng		98
72) Anthracene	11.45	178	1931161	86.097	ng		99
73) Carbazole	11.60	167	364568	16.804	ng		98
75) Fluoranthene	12.61	202	5318742	221.111	ng		99
78) Pyrene	12.83	202	4546936	206.227	ng		96
81) Benzo(a)anthracene	14.02	228	3438947	202.392	ng		96
83) Chrysene	14.02	228	3438947	193.053	ng		97
87) Indeno(1,2,3-cd)pyrene	16.96	276	1360287	62.746	ng		95
88) Benzo(b)fluoranthene	15.07	252	4508354	204.781	ng		98
89) Benzo(k)fluoranthene	15.07	252	4508354	219.357	ng	#	96
90) Benzo(a)pyrene	15.44	252	2374151	123.288	ng		97
91) Dibenzo(a,h)anthracene	17.12	278	392842	22.226	ng		95
92) Benzo(g,h,i)perylene	17.40	276	1130436	64.847	ng		99

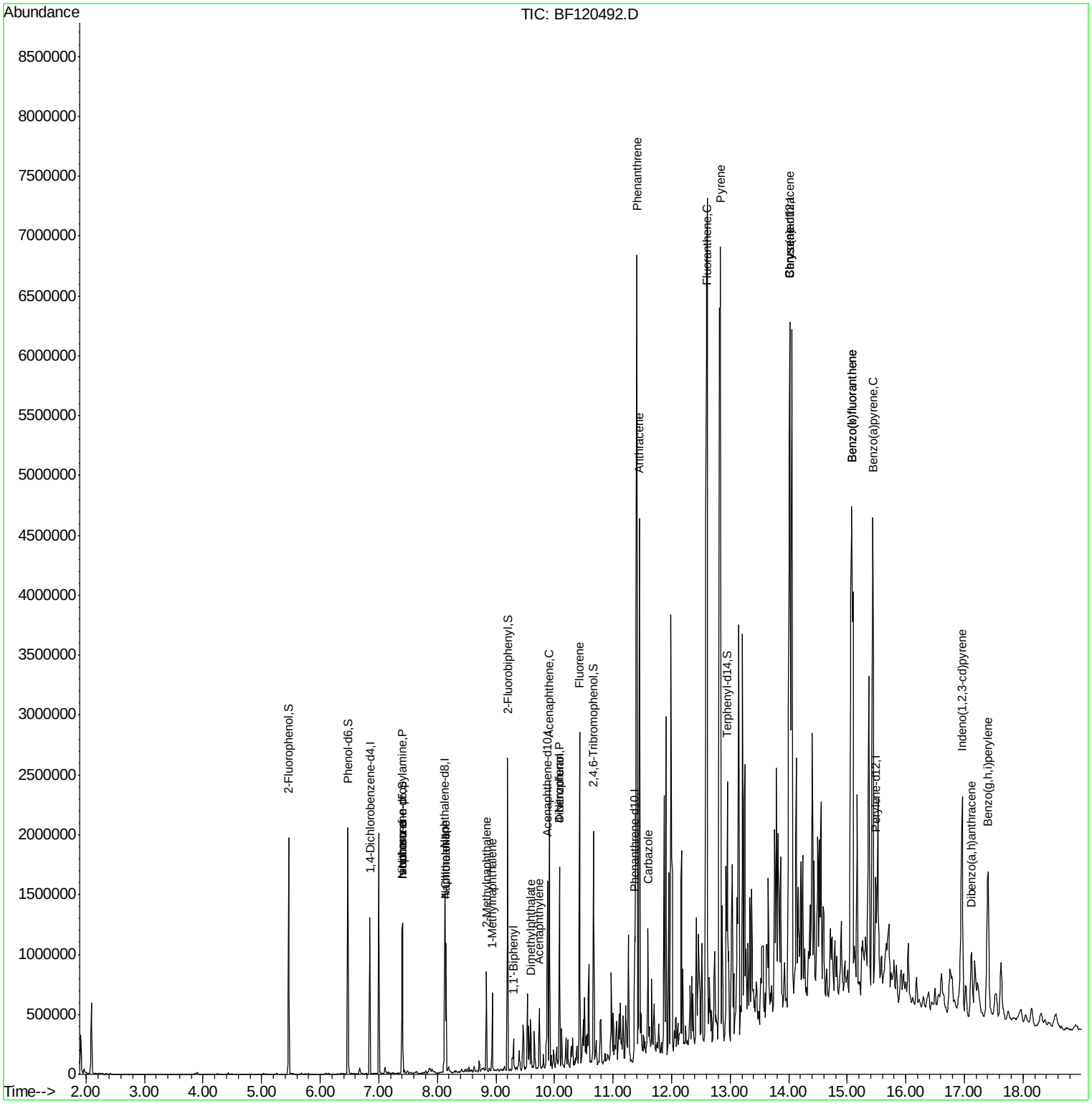
(#) = qualifier out of range (m) = manual integration (+) = signals summed

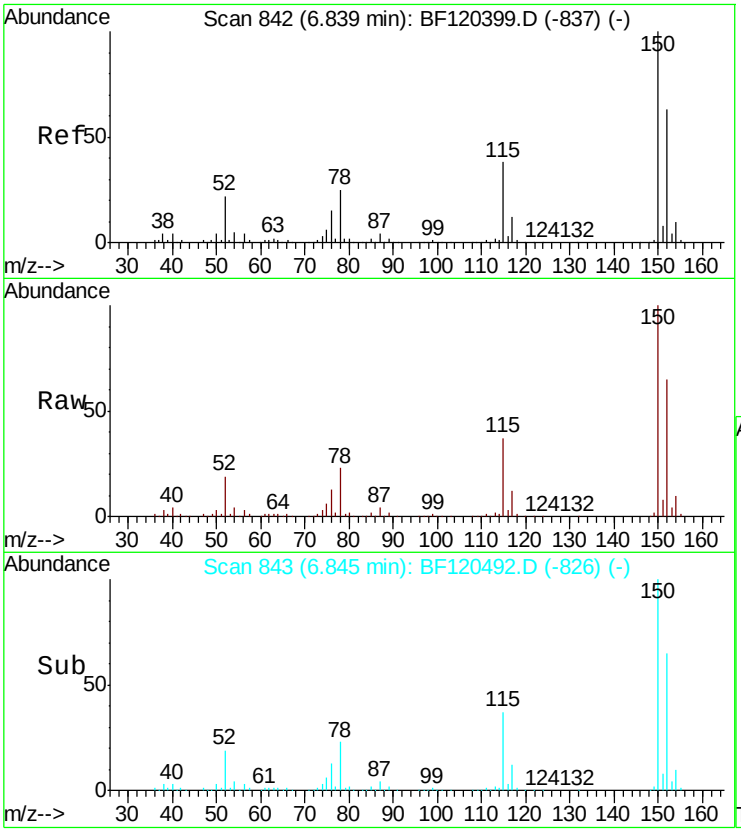
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120492.D
Acq On : 2 Jun 2020 14:02
Operator : JU/CG
Sample : L2814-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 02 14:40:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 11:37:51 2020
Response via : Initial Calibration



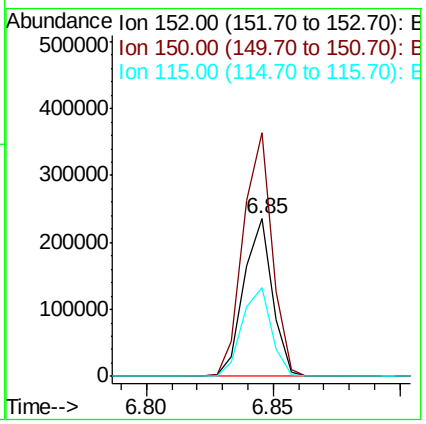


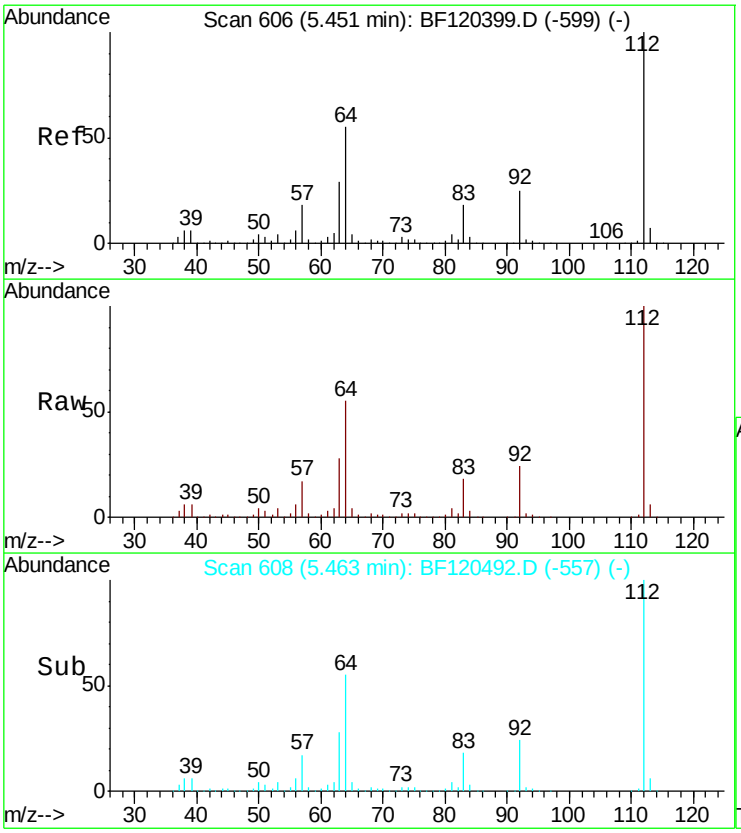
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 184329

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.7	190.1
115	56.5	46.2	69.2

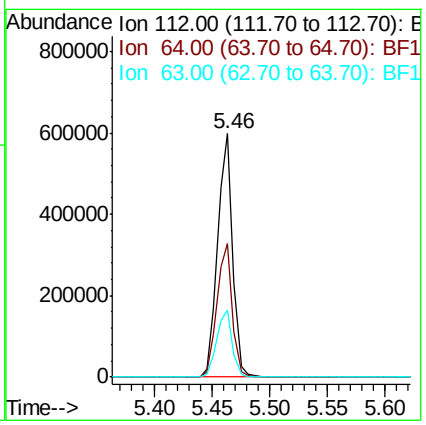


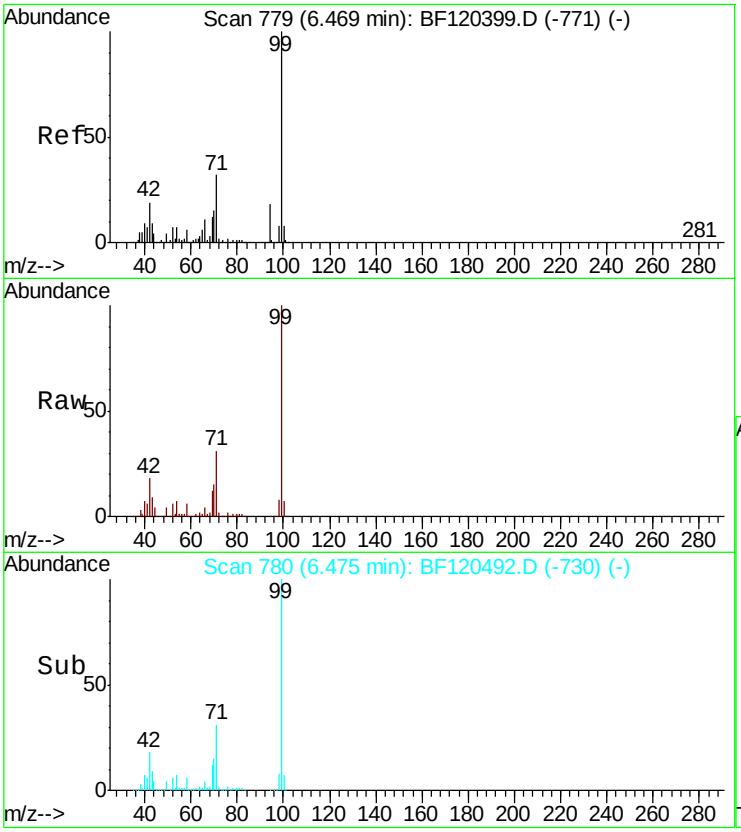


#5
2-Fluorophenol
Concen: 55.935 ng
RT: 5.46 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:112 Resp: 541015

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.3	69.5
63	27.7	24.2	36.2



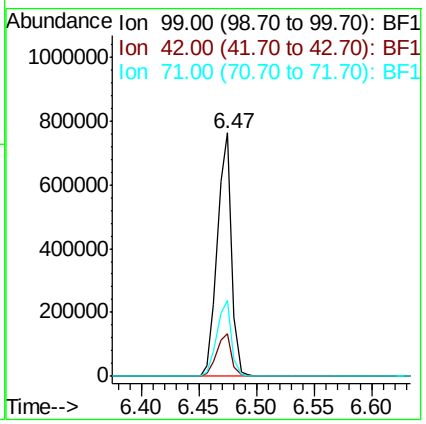


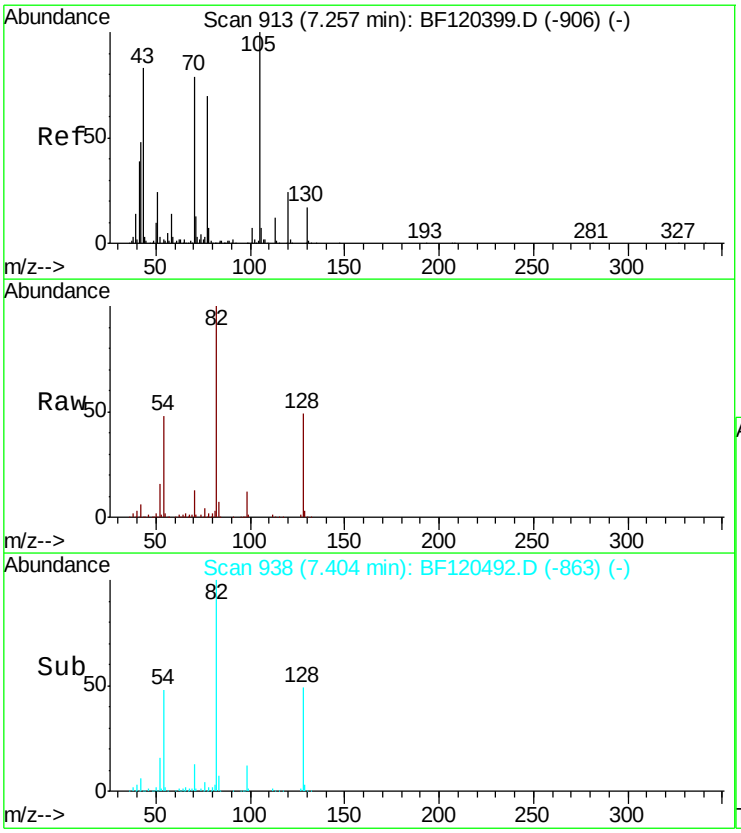
#7
Phenol-d6
Concen: 54.784 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 653125

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.1	22.7
71	31.4	26.2	39.4

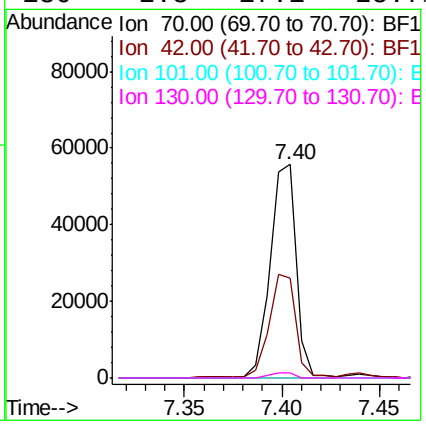


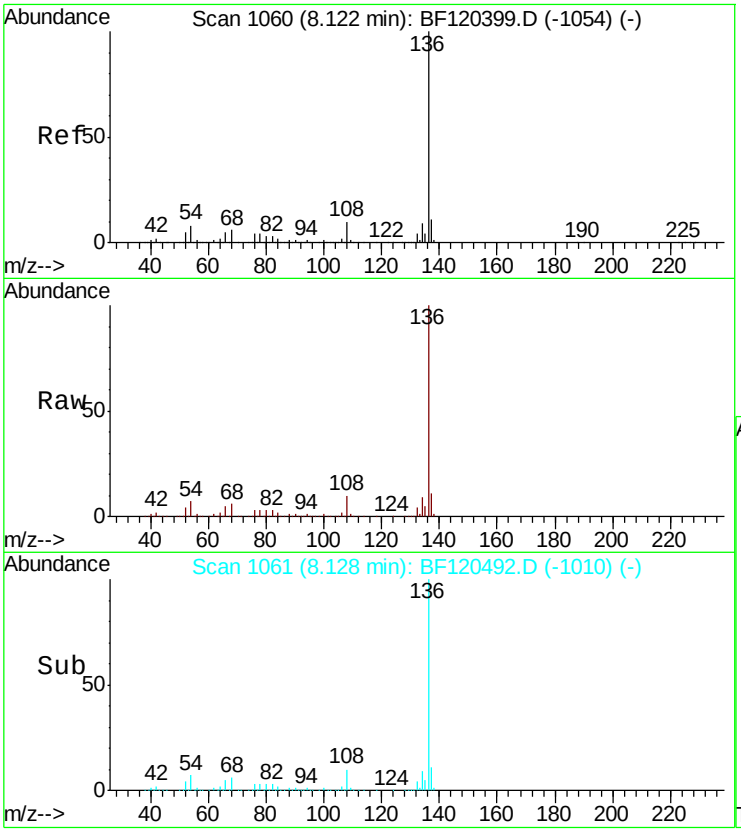


#19
n-Nitroso-di-n-propylamine
Concen: 6.850 ng
RT: 7.40 min Scan# 938
Delta R.T. 0.14 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion: 70 Resp: 51913

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.4	71.2#
101	0.0	7.8	11.6#
130	2.3	17.1	25.7#



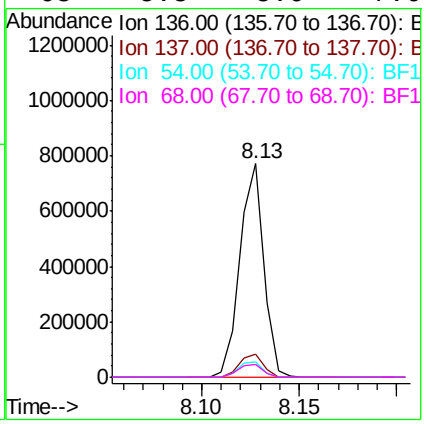


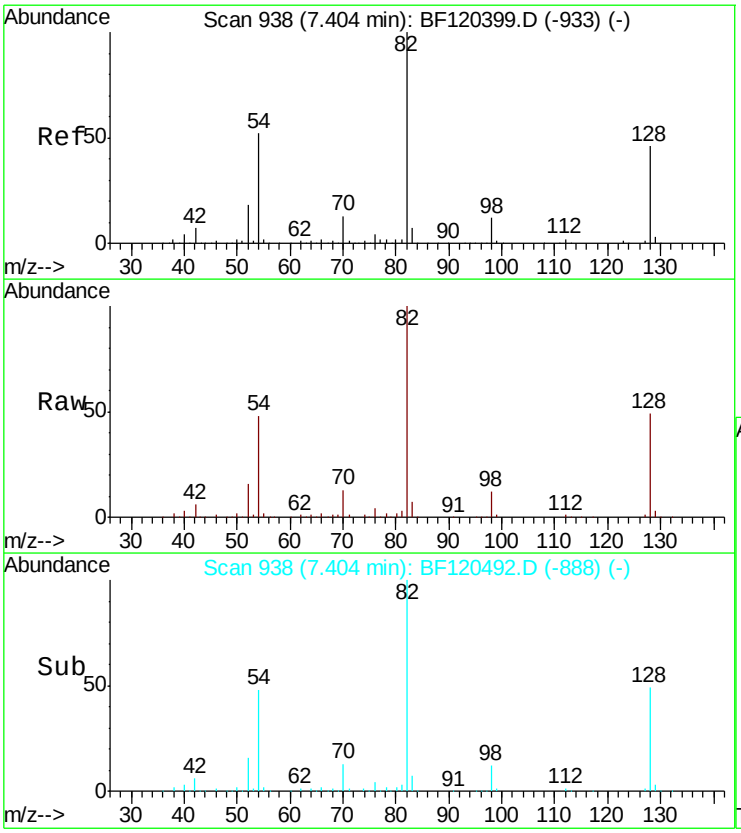
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 653042

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.2	6.2	9.4
68	5.8	5.0	7.6

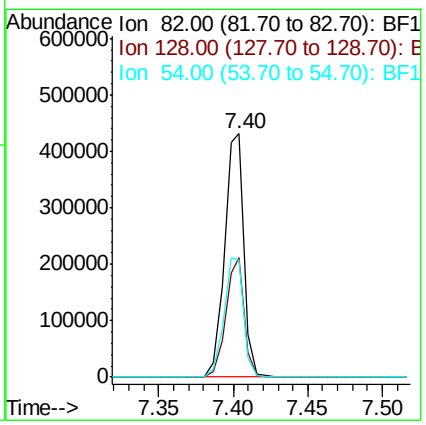


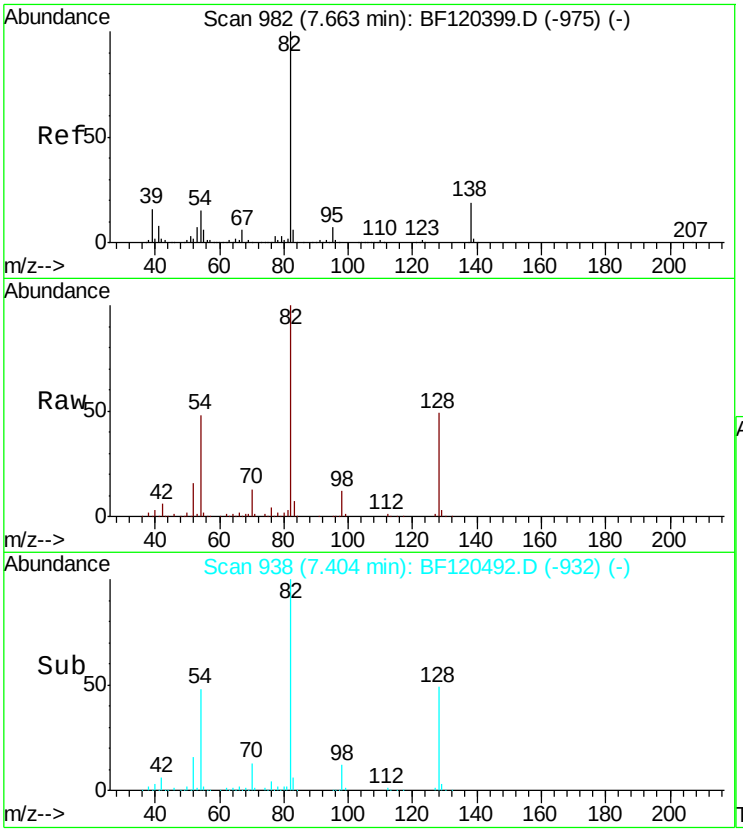


#23
Nitrobenzene-d5
Concen: 39.700 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion: 82 Resp: 396336

Ion	Ratio	Lower	Upper
82	100		
128	49.0	37.0	55.6
54	48.0	41.0	61.4



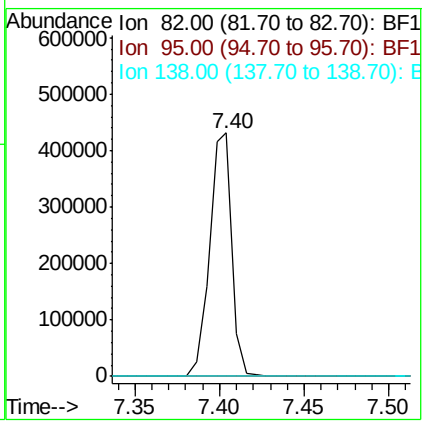


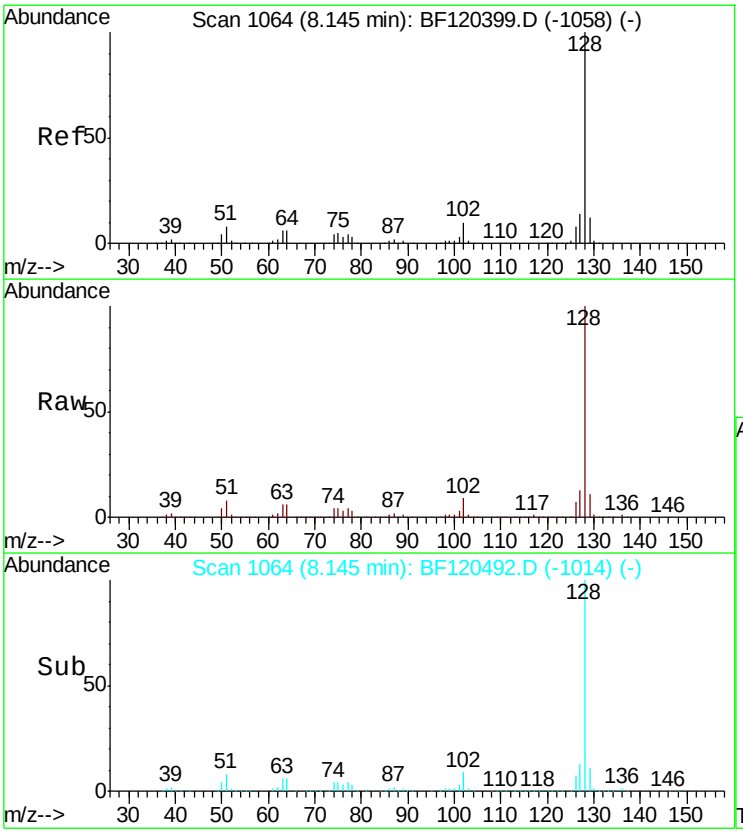
#25
Isophorone
Concen: 19.627 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.26 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 393819

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	15.0	22.6#

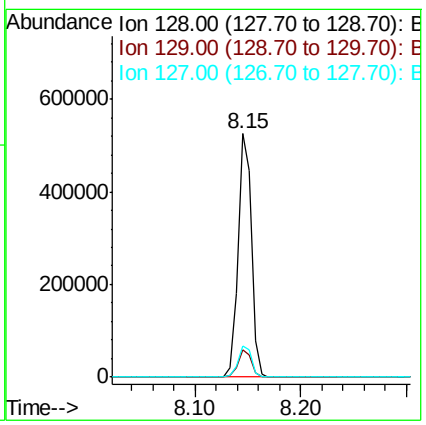


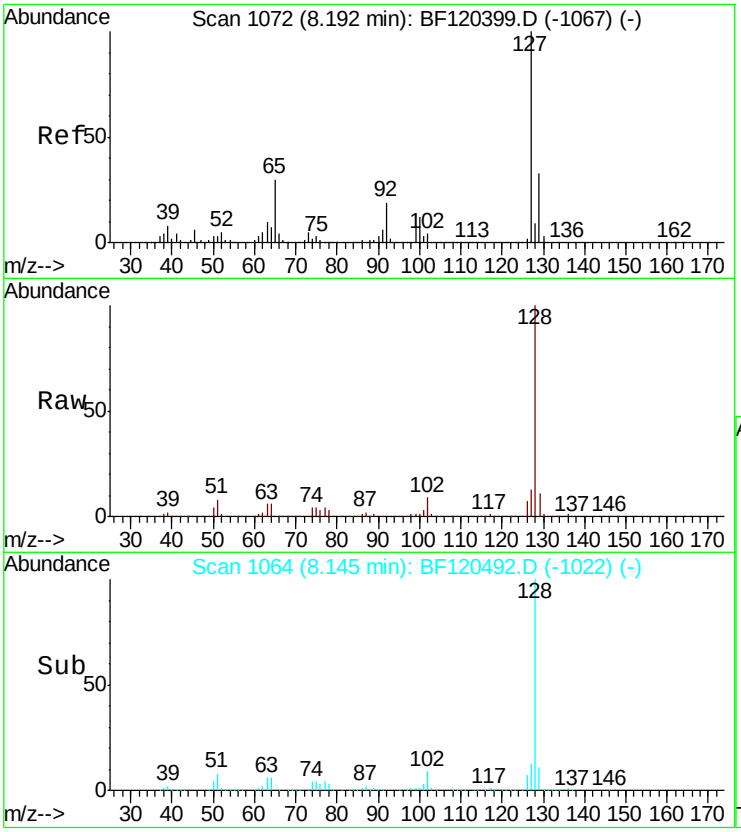


#31
Naphthalene
Concen: 15.615 ng
RT: 8.15 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:128 Resp: 447857

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.0	10.9	16.3



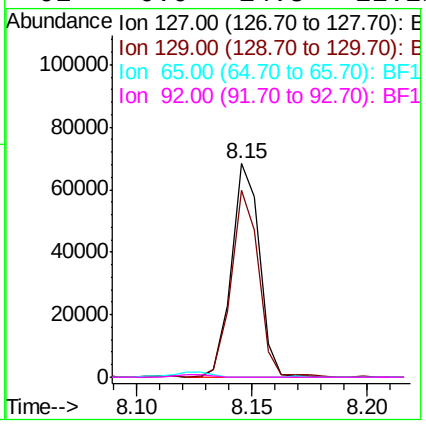


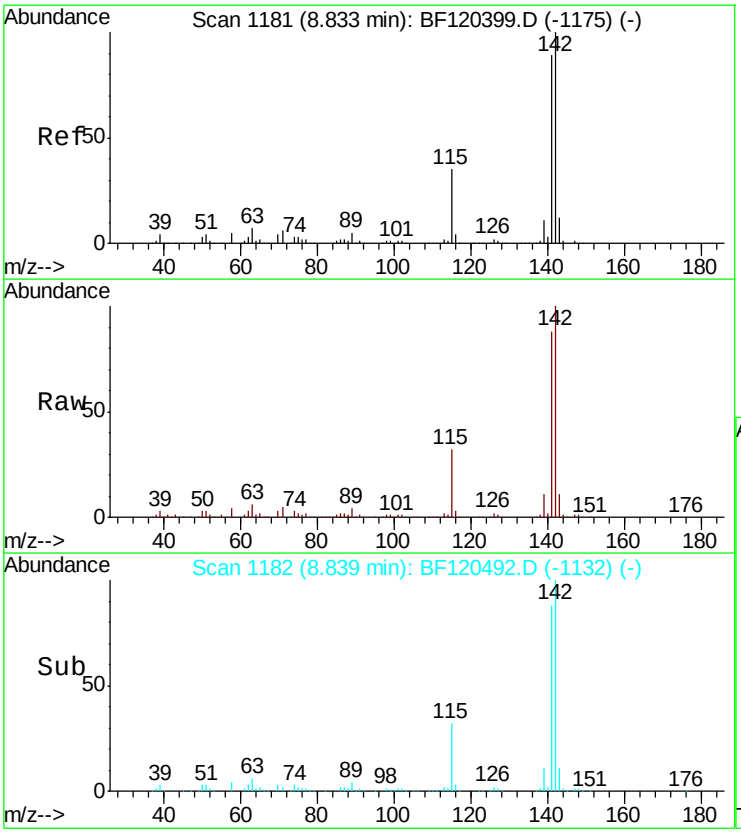
#33
4-Chloroaniline
Concen: 4.539 ng
RT: 8.15 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 57699

Ion	Ratio	Lower	Upper
127	100		
129	87.3	26.2	39.2#
65	0.0	23.6	35.4#
92	0.0	14.8	22.2#

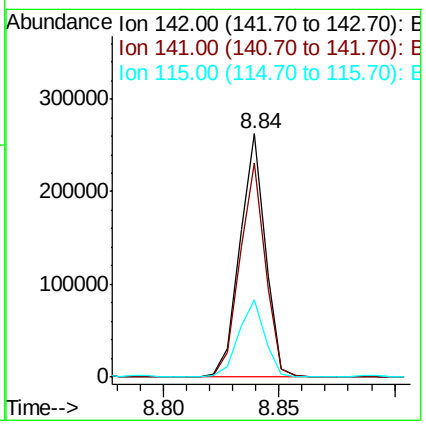


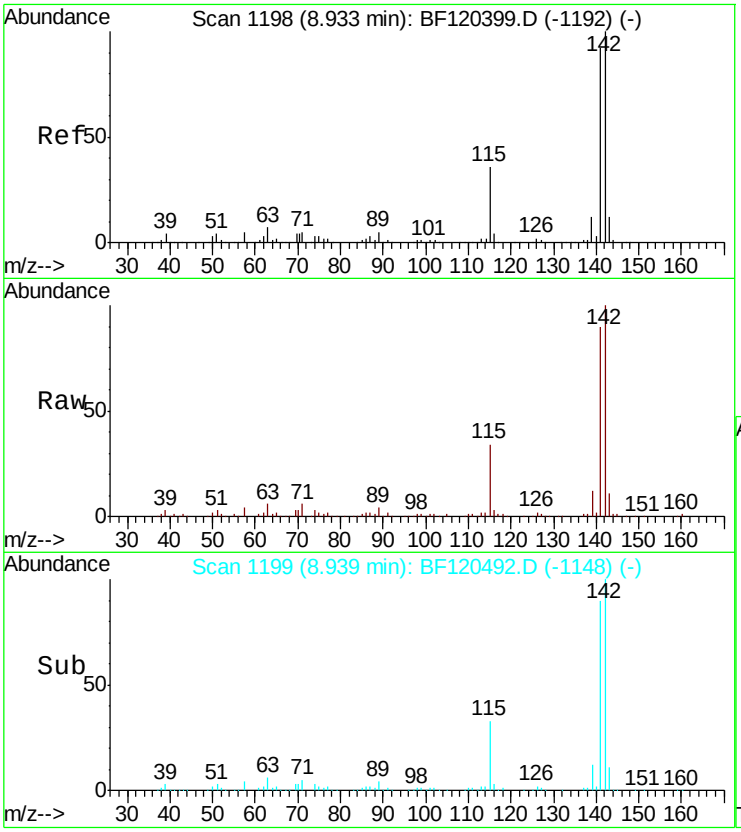


#37
2-Methylnaphthalene
Concen: 10.716 ng
RT: 8.84 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:142 Resp: 203564

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	31.7	26.1	39.1



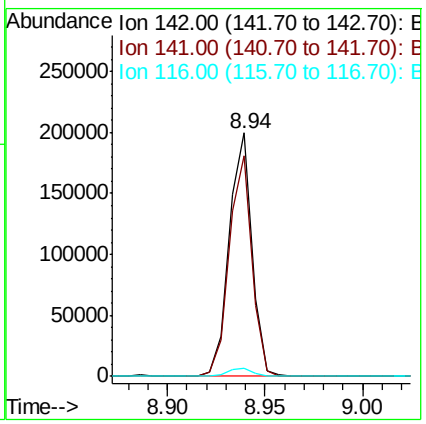


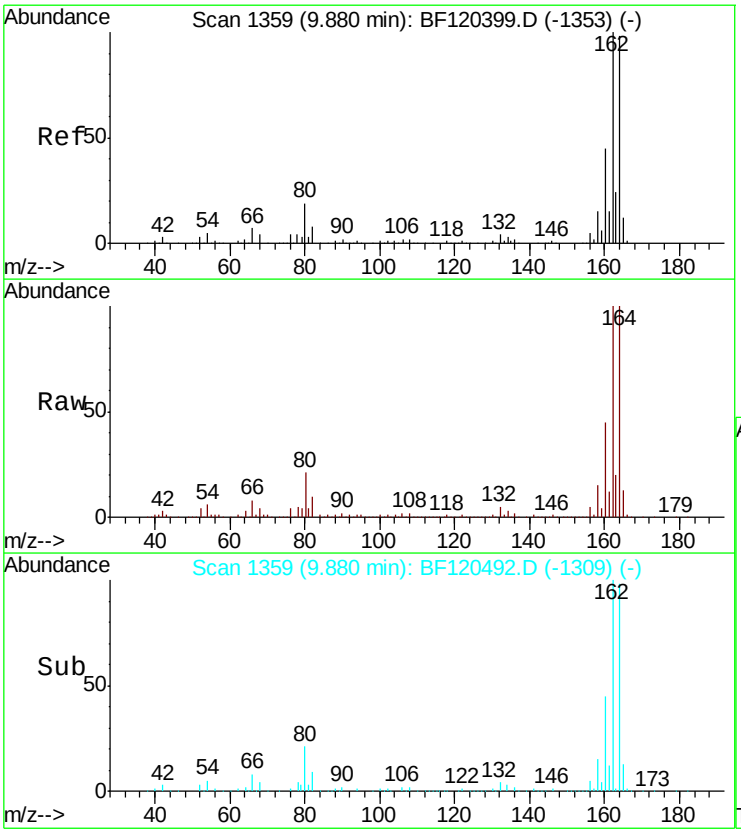
#38
1-Methylnaphthalene
Concen: 8.996 ng
RT: 8.94 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 161320

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.8	109.2
116	3.5	2.9	4.3

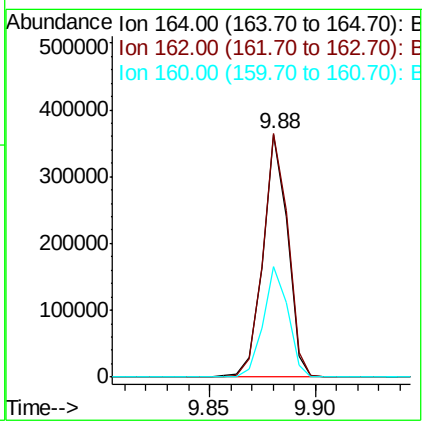


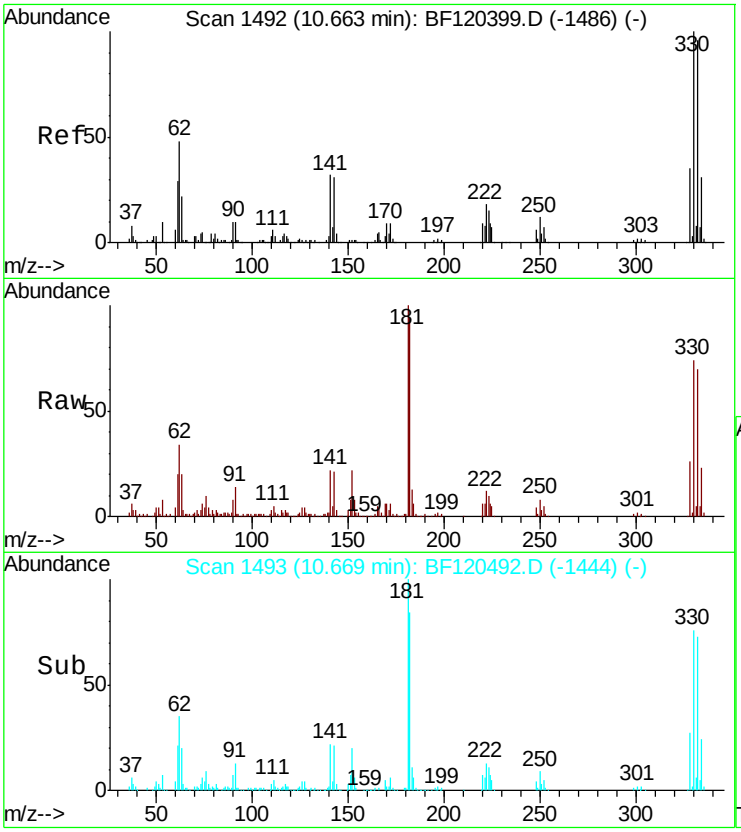


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:164 Resp: 295269

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.9	122.9
160	45.4	37.4	56.0



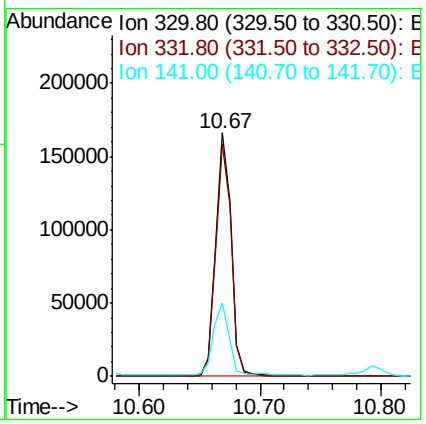


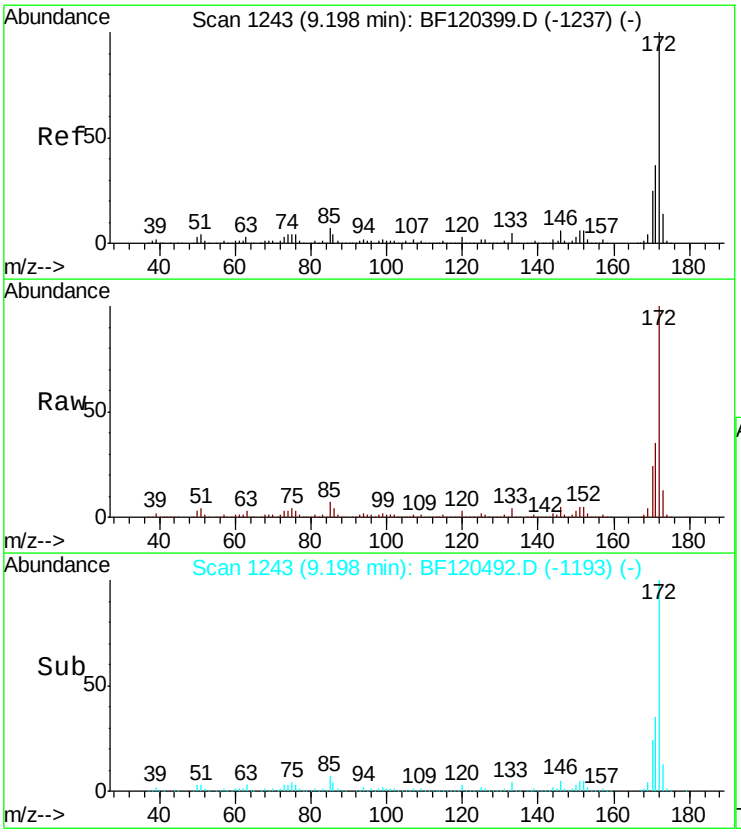
#42
2,4,6-Tribromophenol
Concen: 52.839 ng
RT: 10.67 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 144558

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	30.5	23.9	35.9

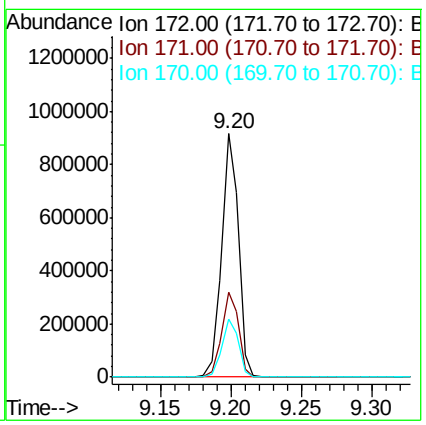


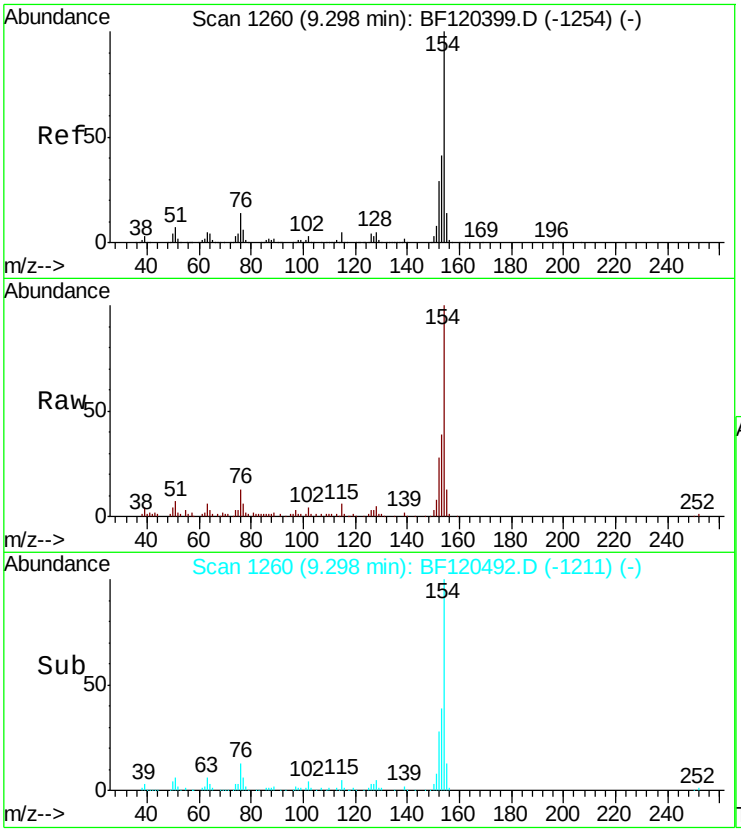


#45
2-Fluorobiphenyl
Concen: 43.366 ng
RT: 9.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:172 Resp: 754679

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.2
170	23.6	19.9	29.9



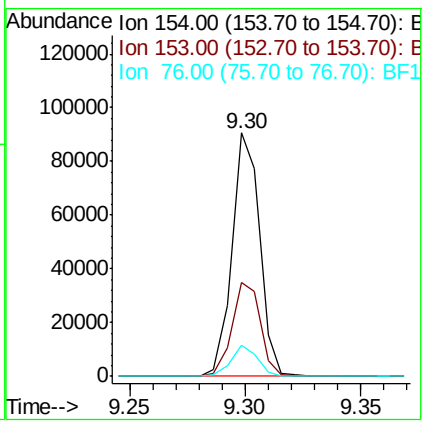


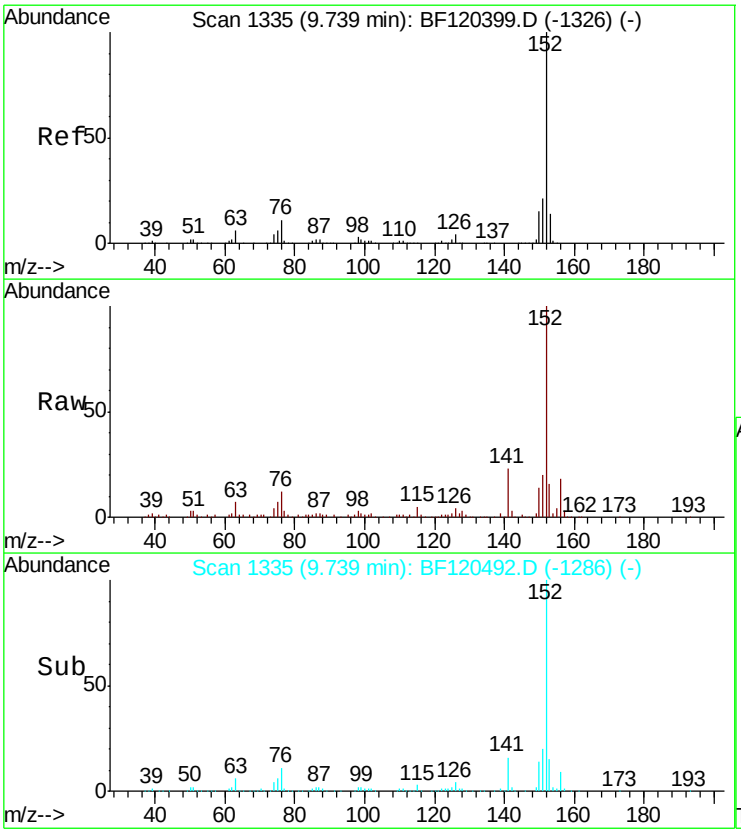
#46
1,1'-Biphenyl
Concen: 3.900 ng
RT: 9.30 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 75638

Ion	Ratio	Lower	Upper
154	100		
153	38.8	21.1	61.1
76	13.0	0.0	31.3

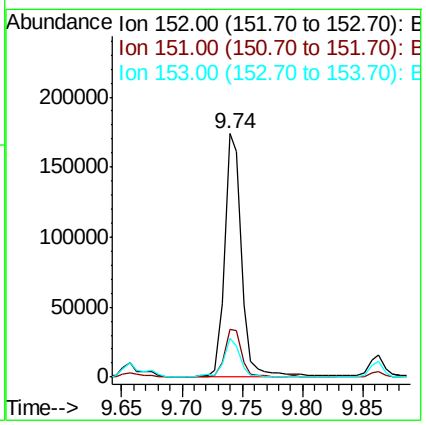


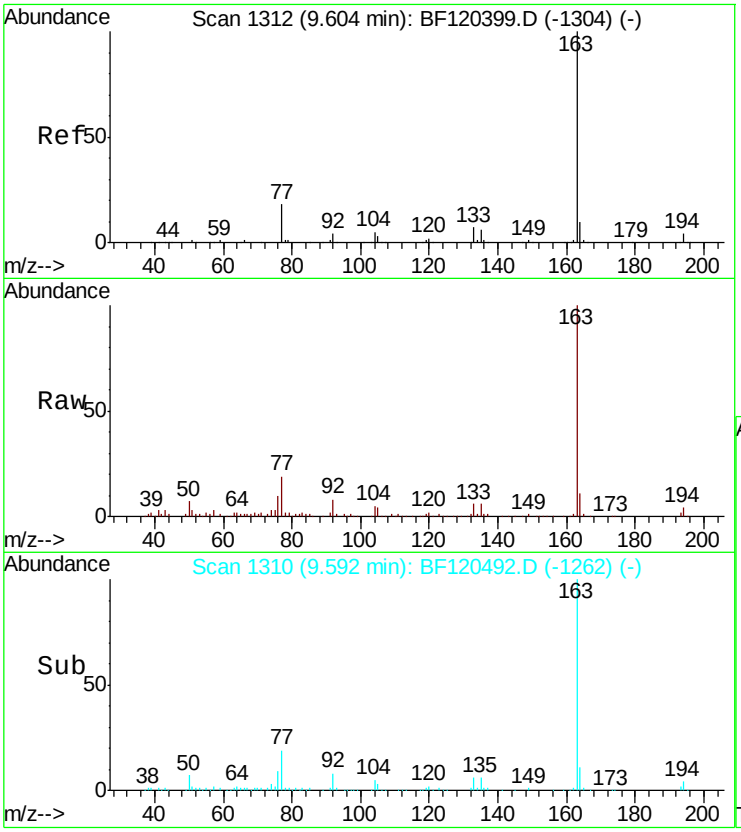


#49
Acenaphthylene
Concen: 6.944 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:152 Resp: 171384

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	15.8	10.9	16.3

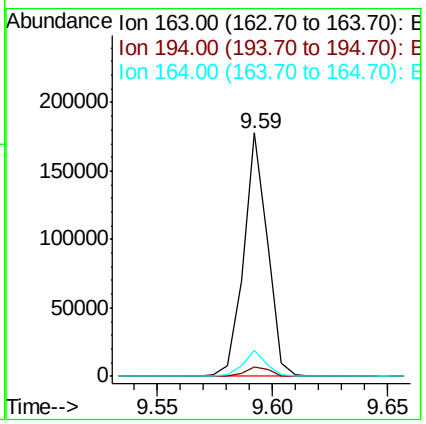




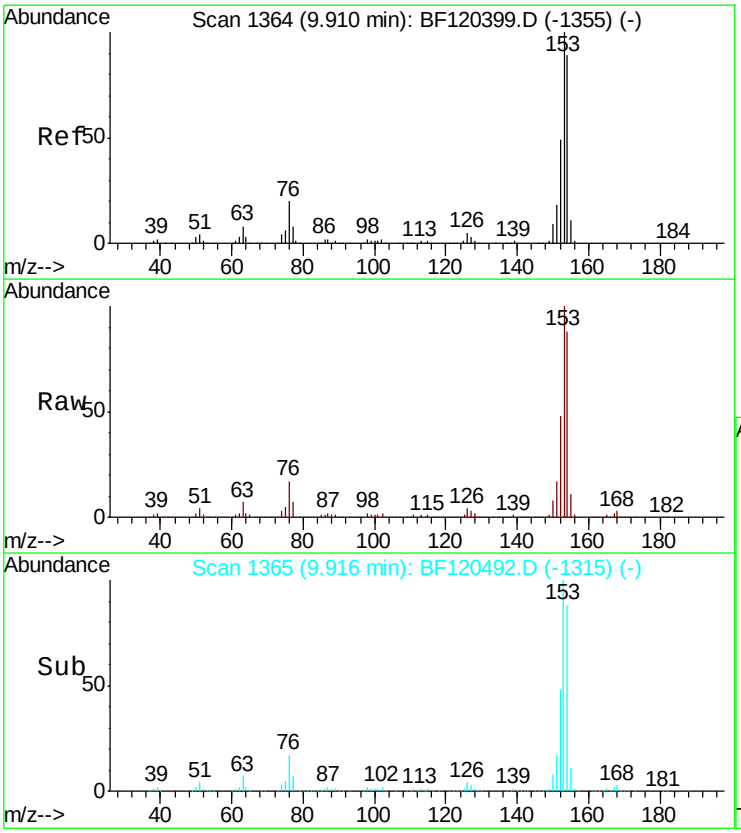
#50
Dimethylphthalate
Concen: 6.922 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:163 Resp: 127772

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.5	8.2	12.2



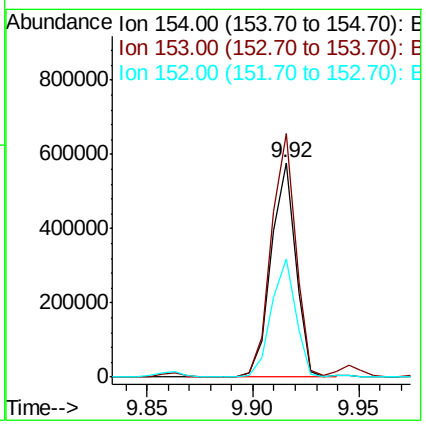
Instrument :
BNA_G
ClientSampleId :

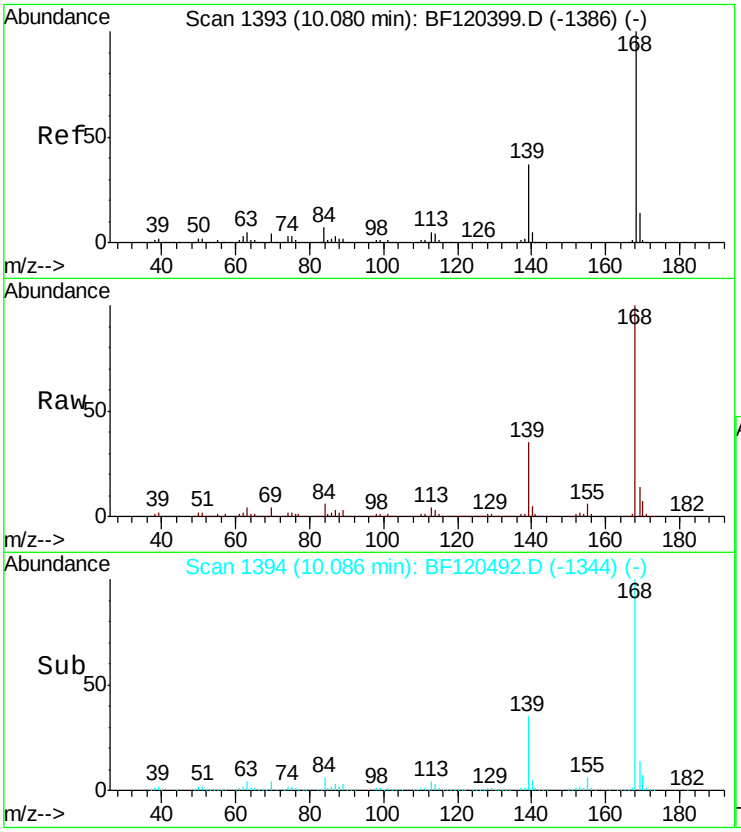


#52
Acenaphthene
Concen: 30.294 ng
RT: 9.92 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:154 Resp: 466660

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.2	135.4
152	54.8	44.1	66.1



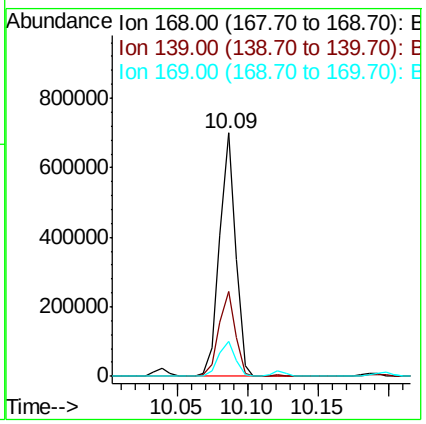


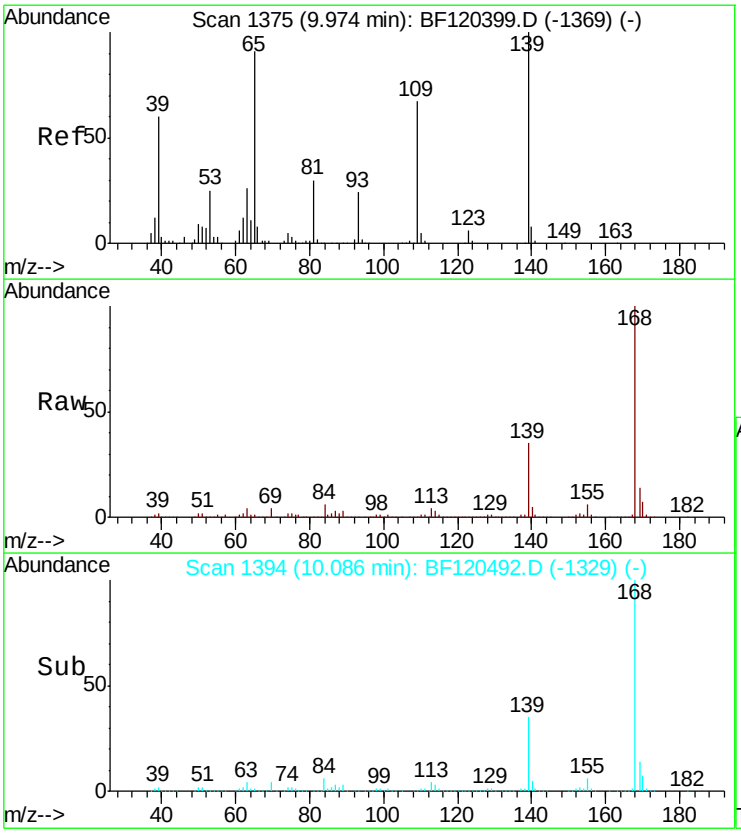
#55
Dibenzofuran
Concen: 24.813 ng
RT: 10.09 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 555453

Ion	Ratio	Lower	Upper
168	100		
139	34.9	29.9	44.9
169	14.3	11.3	16.9

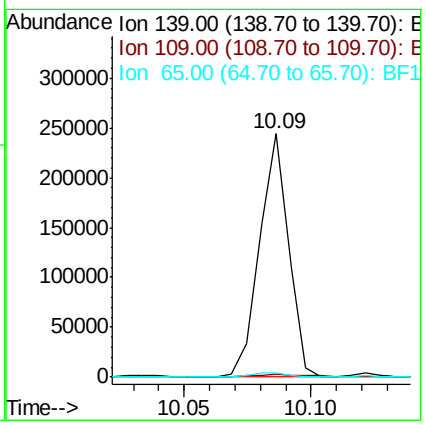


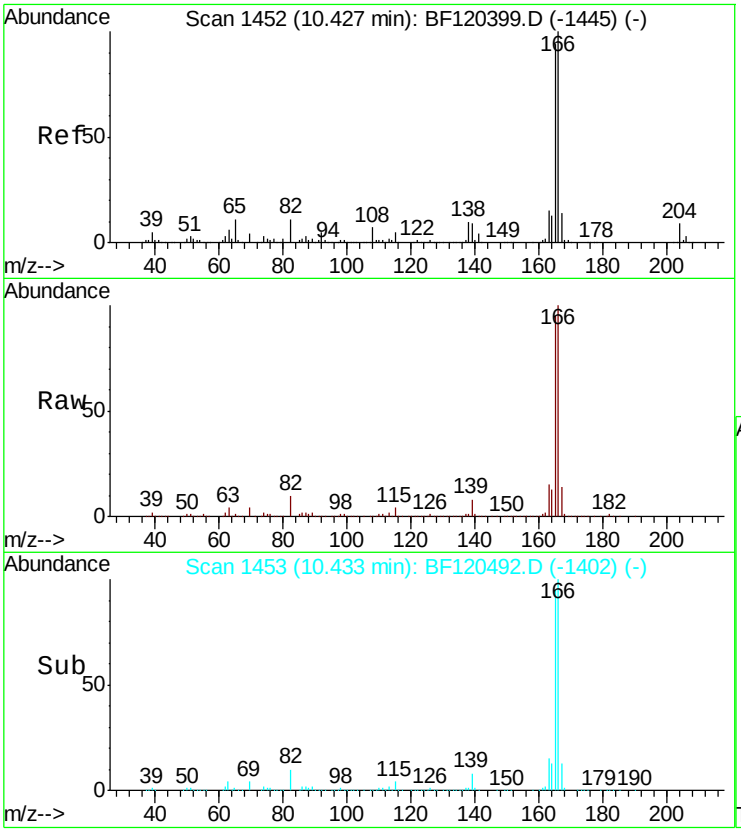


#56
4-Nitrophenol
Concen: 53.009 ng
RT: 10.09 min Scan# 1394
Delta R.T. 0.08 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:139 Resp: 195500

Ion	Ratio	Lower	Upper
139	100		
109	1.1	43.6	83.6#
65	1.7	62.9	102.9#



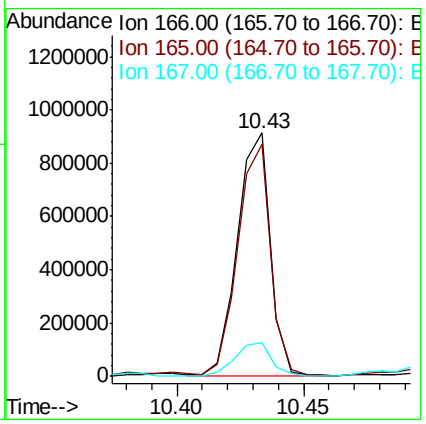


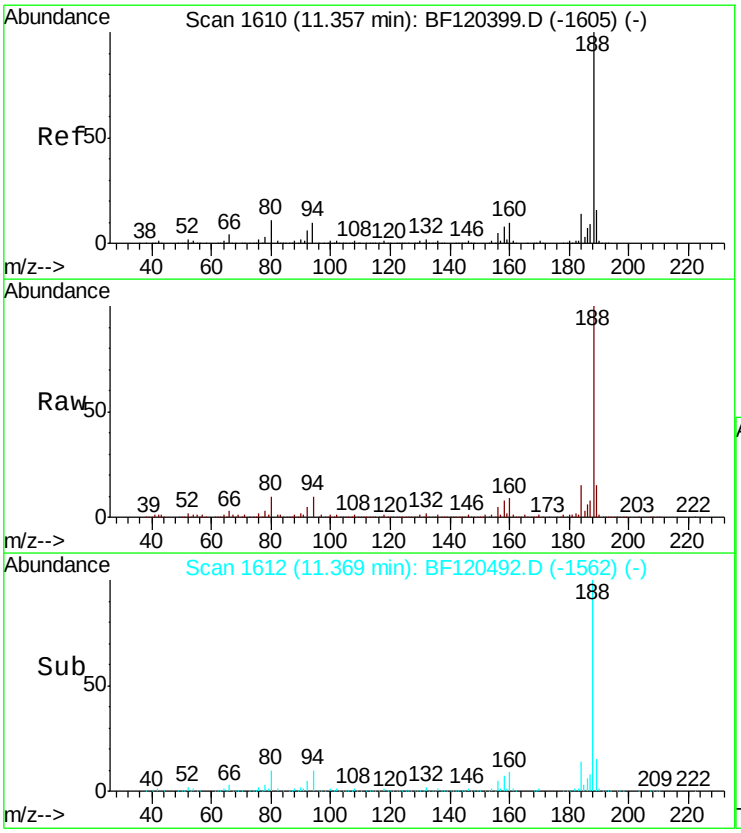
#58
Fluorene
Concen: 48.690 ng
RT: 10.43 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 817927

Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.2	114.2
167	13.7	11.2	16.8

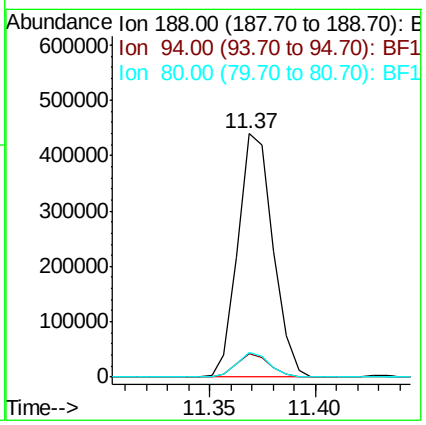


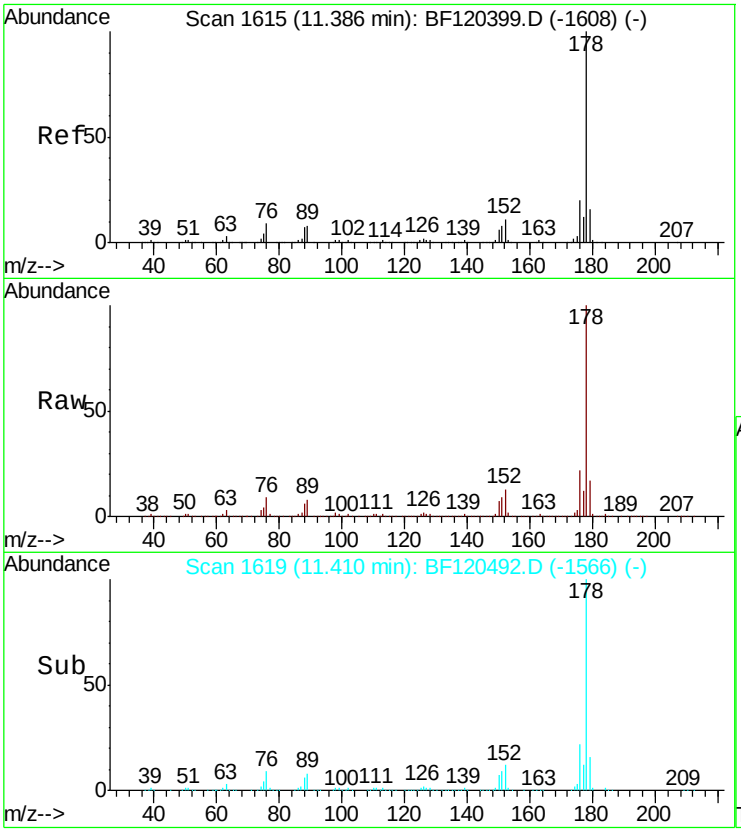


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:188 Resp: 507348

Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.6	10.0
80	10.1	7.1	10.7



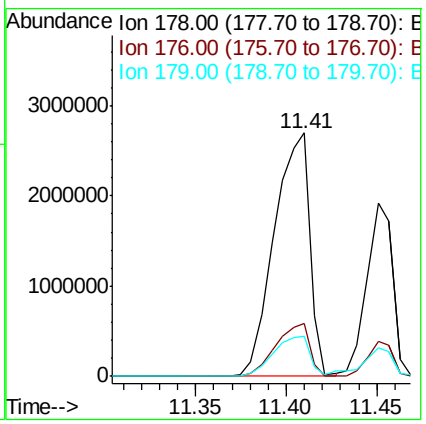


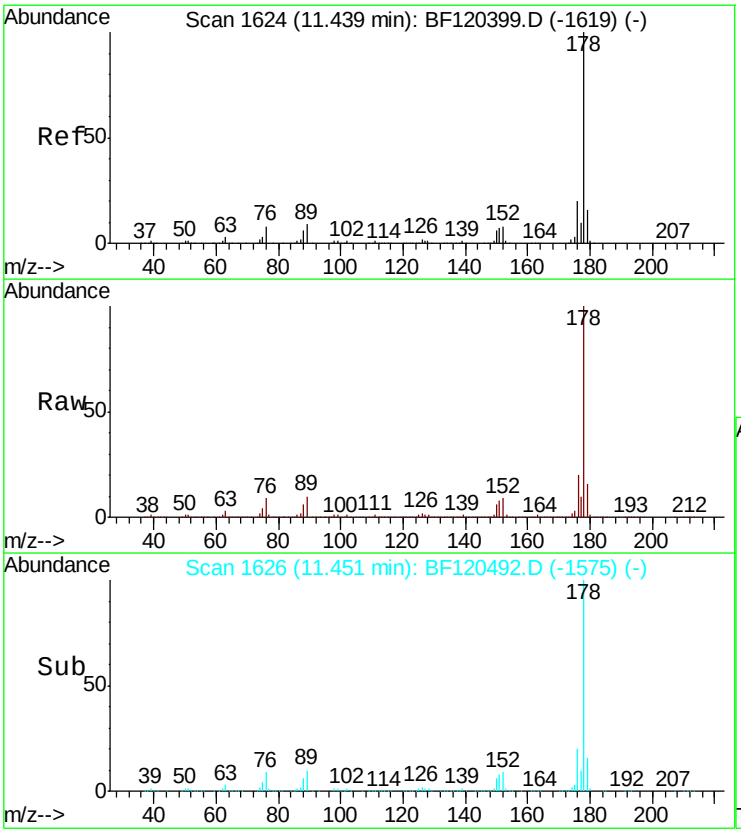
#71
Phenanthrene
Concen: 165.063 ng
RT: 11.41 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 3690036

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.2	24.2
179	16.5	12.8	19.2

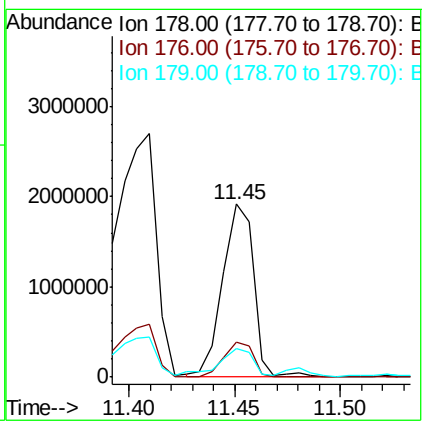


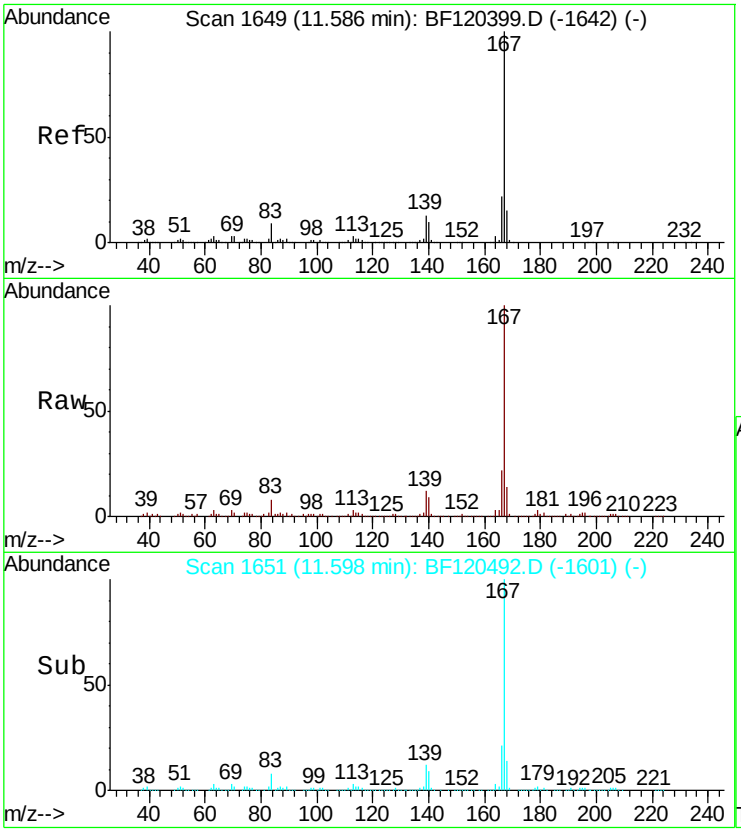


#72
Anthracene
Concen: 86.097 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:178 Resp: 1931161

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.5	12.7	19.1



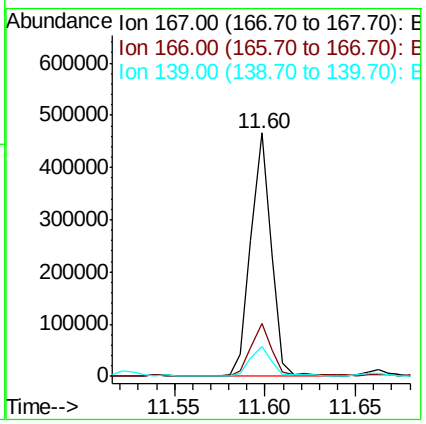


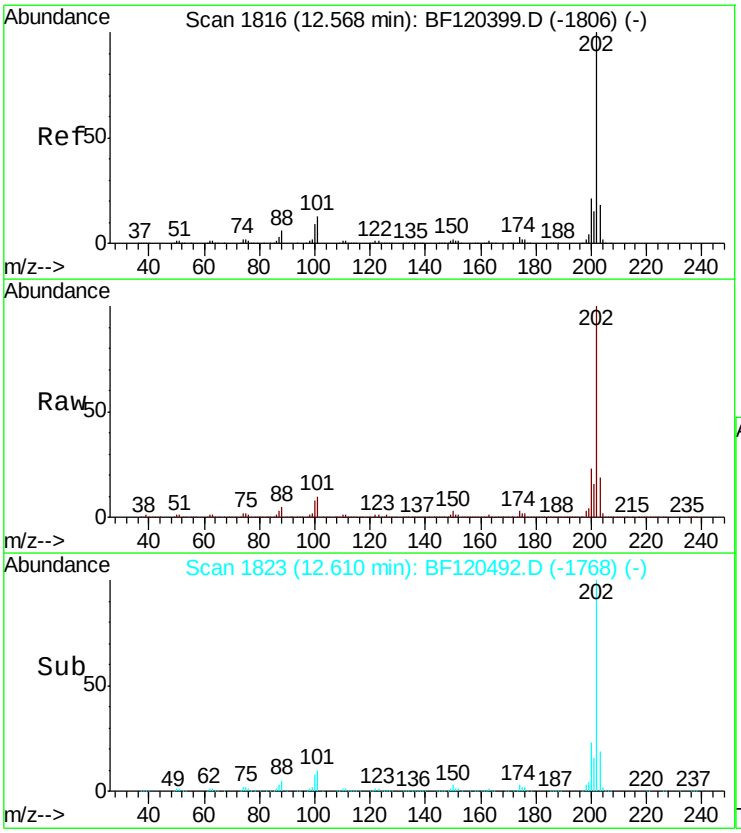
#73
Carbazole
Concen: 16.804 ng
RT: 11.60 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 364568

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.8
139	12.2	10.3	15.5

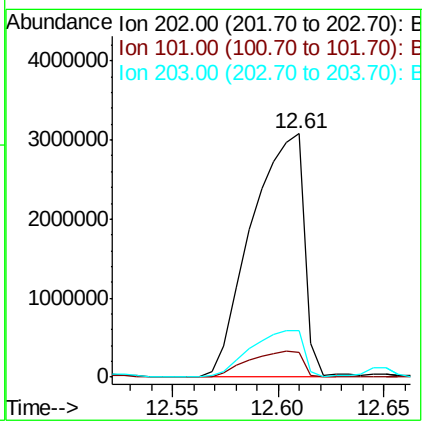


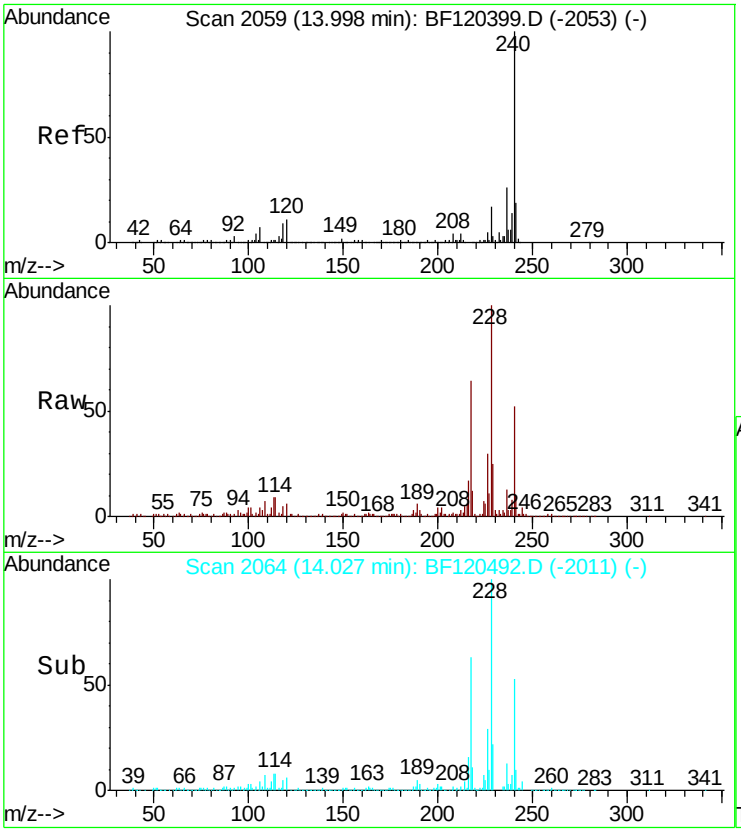


#75
Fluoranthene
Concen: 221.111 ng
RT: 12.61 min Scan# 1823
Delta R.T. 0.02 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:202 Resp: 5318742

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.4
203	19.1	0.0	38.8



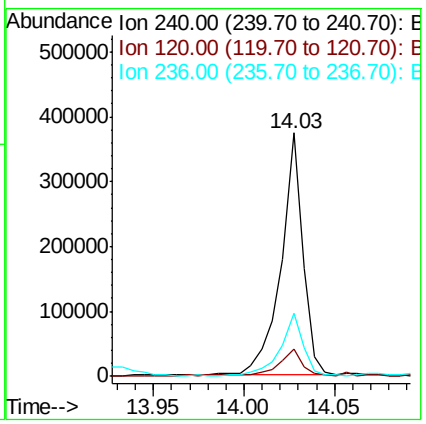


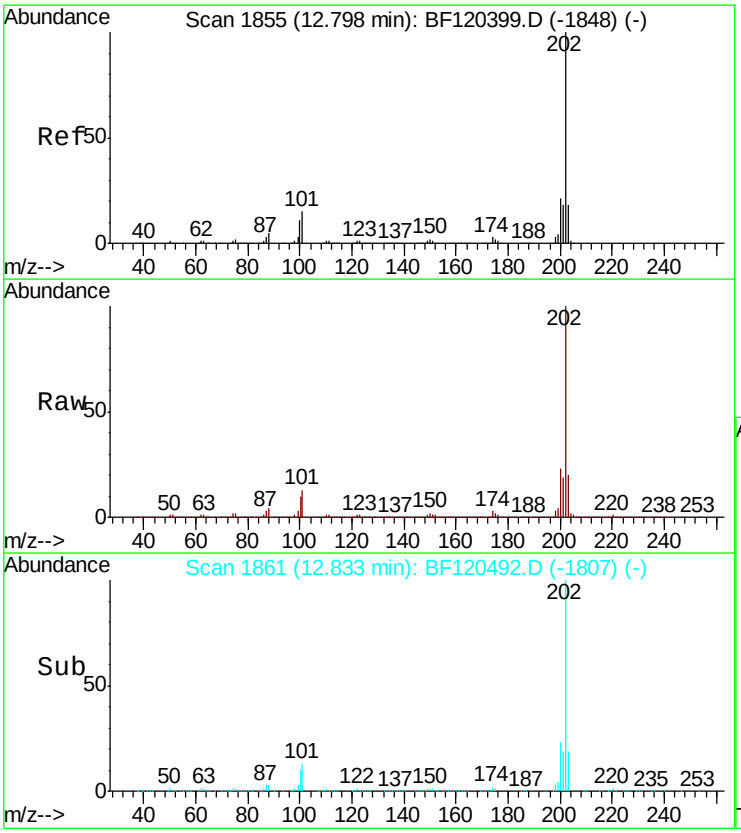
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2064
Delta R.T. 0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 317038

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.9	14.9
236	25.8	21.0	31.6

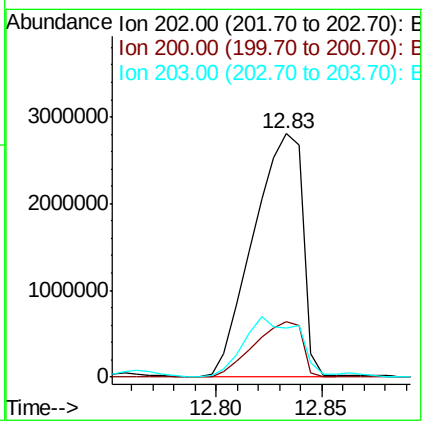


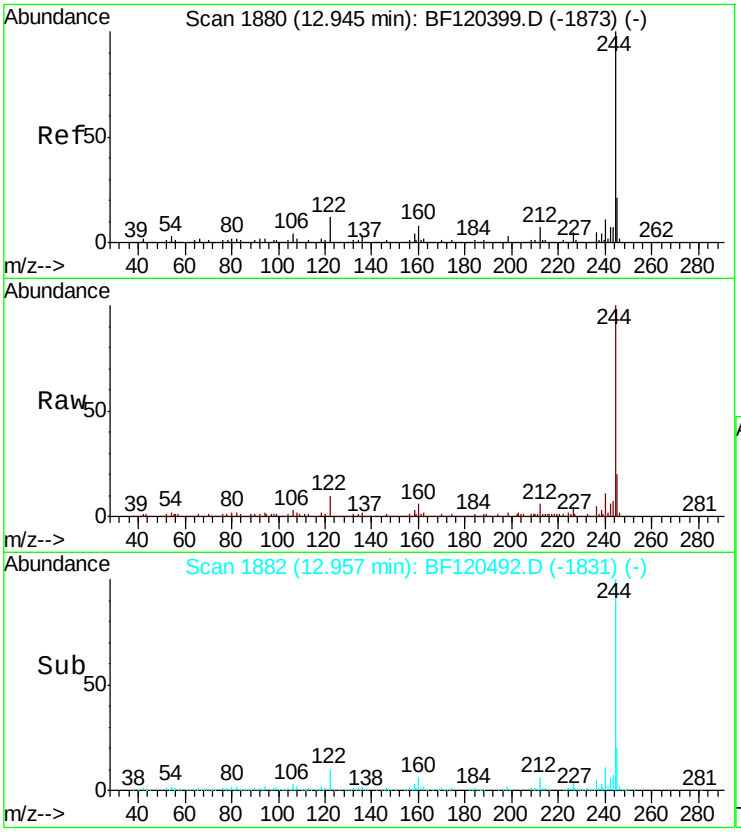


#78
Pyrene
Concen: 206.227 ng
RT: 12.83 min Scan# 1861
Delta R.T. 0.02 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:202 Resp: 4546936

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.0	25.6
203	20.2	14.6	22.0



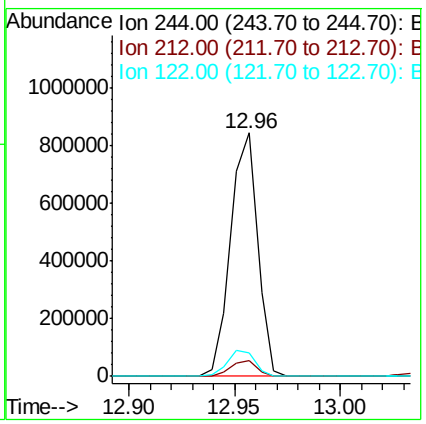


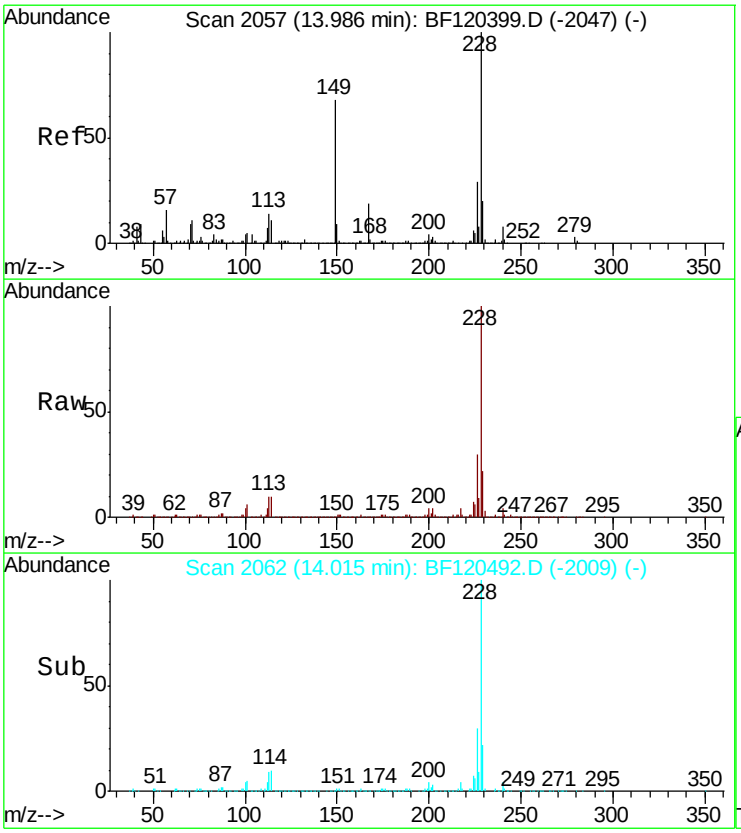
#79
Terphenyl-d14
Concen: 52.415 ng
RT: 12.96 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 746777

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	9.8	8.7	13.1

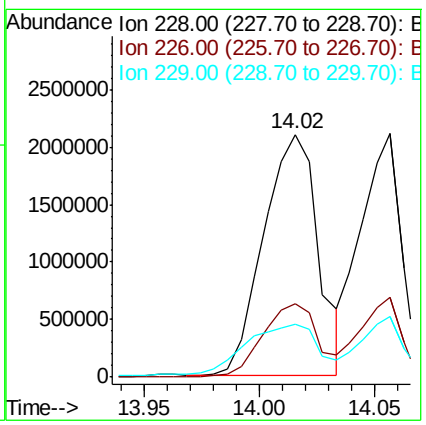


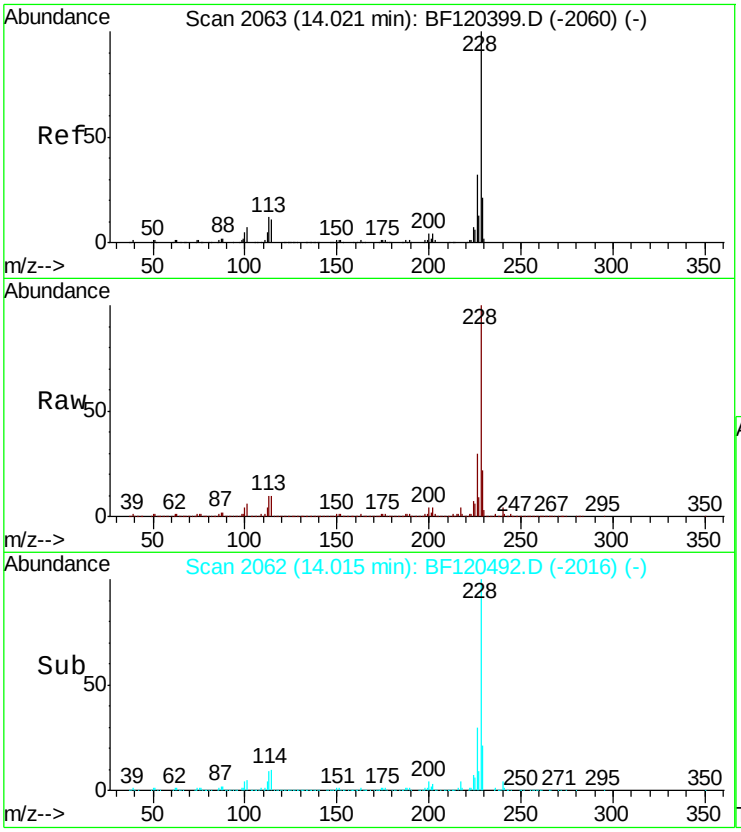


#81
Benzo(a)anthracene
Concen: 202.392 ng
RT: 14.02 min Scan# 2062
Delta R.T. 0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:228 Resp: 3438947

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.9	34.3
229	22.1	16.3	24.5



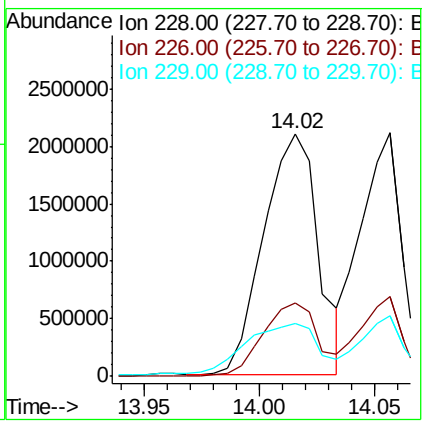


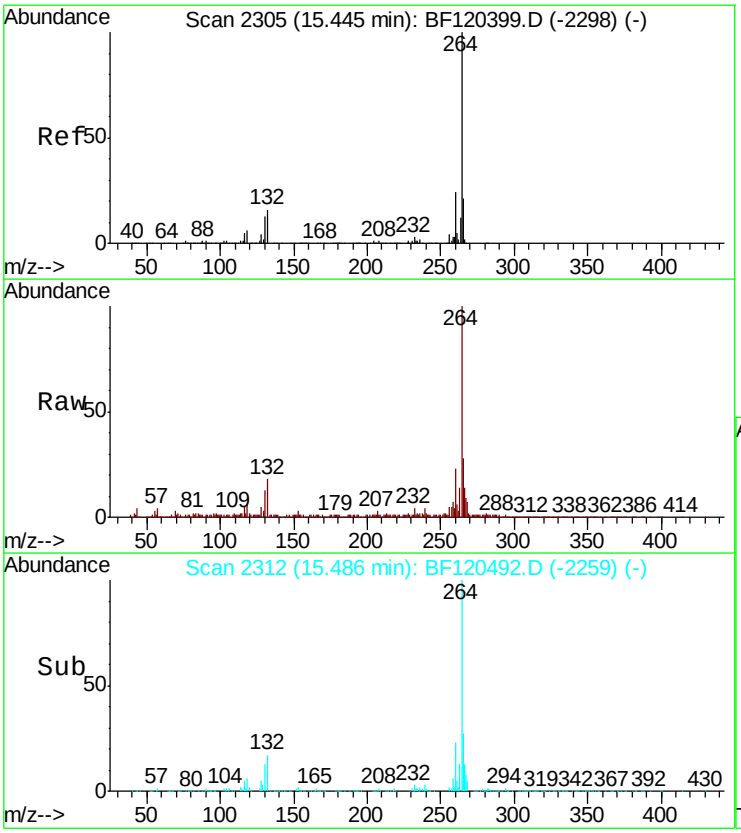
#83
Chrysene
Concen: 193.053 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.03 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 3438947

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.7	38.5
229	22.1	16.4	24.6

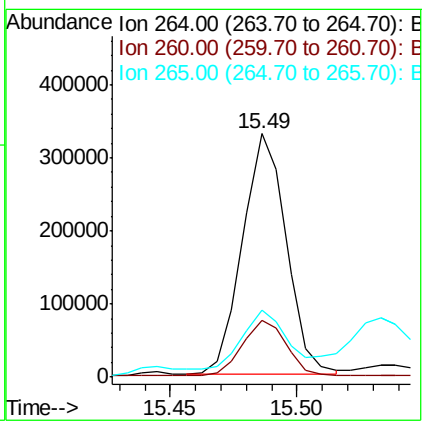


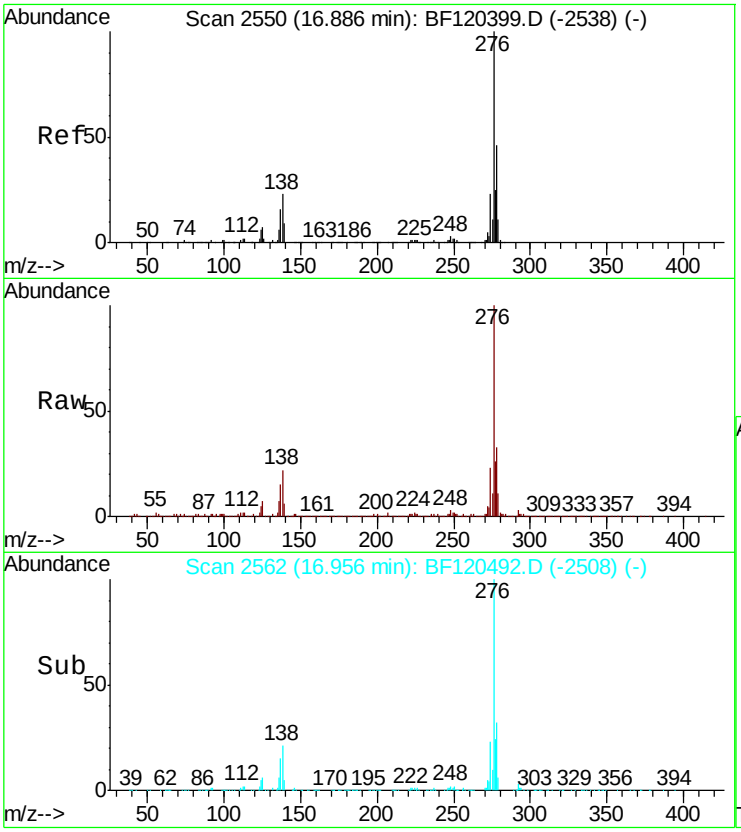


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:264 Resp: 396369

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	27.6	17.6	26.4#



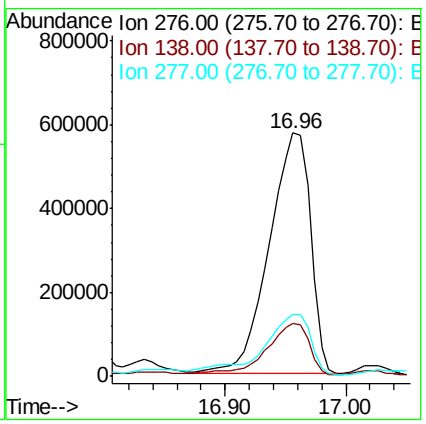


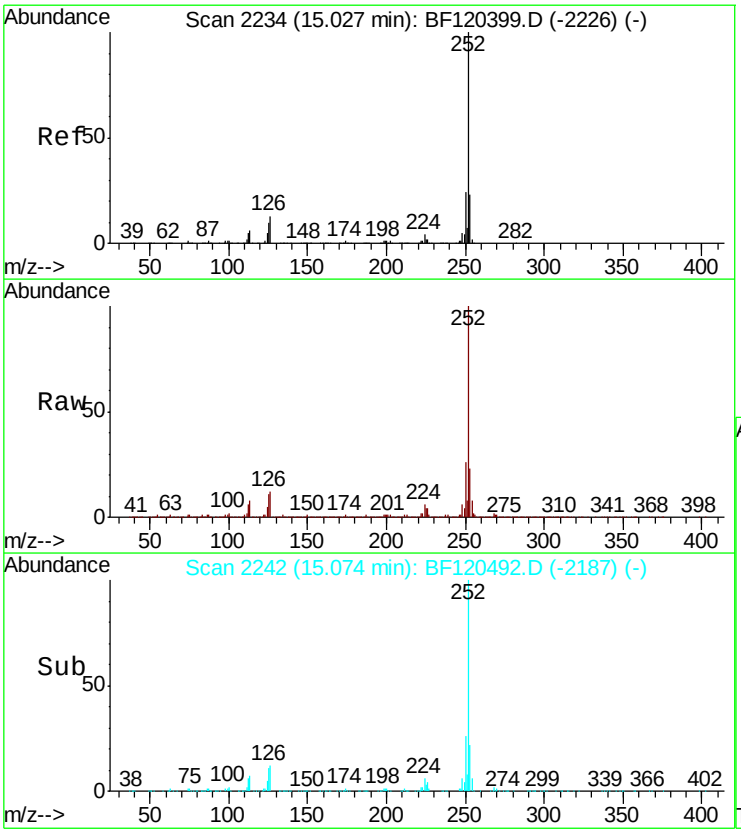
#87
Indeno(1,2,3-cd)pyrene
Concen: 62.746 ng
RT: 16.96 min Scan# 2562
Delta R.T. 0.02 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 1360287

Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.3	28.9
277	29.2	20.7	31.1

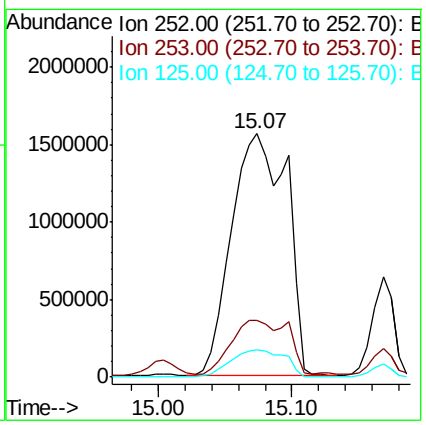


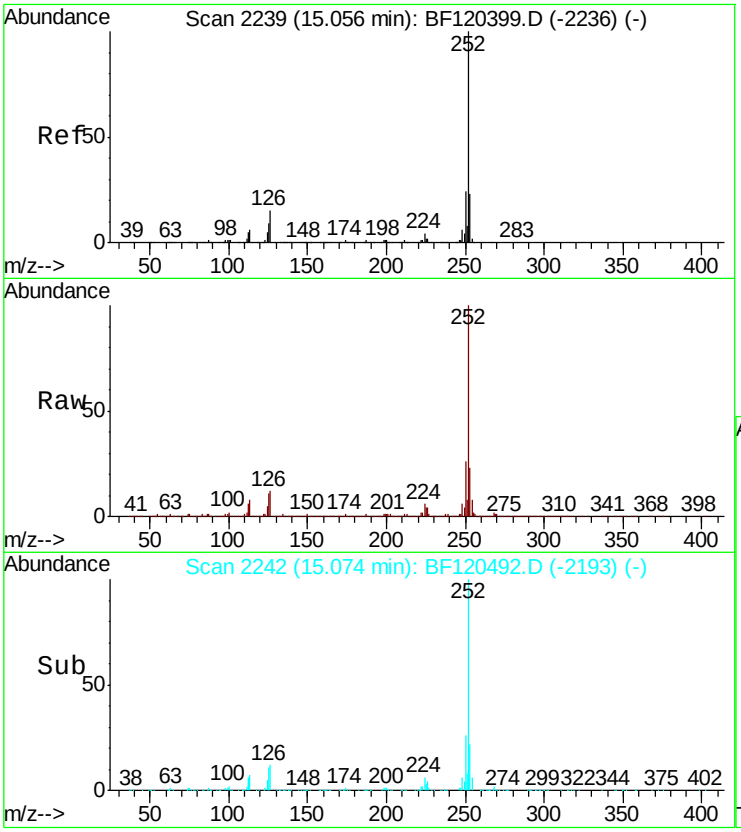


#88
Benzo(b)fluoranthene
Concen: 204.781 ng
RT: 15.07 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:252 Resp: 4508354

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	11.0	8.2	12.4



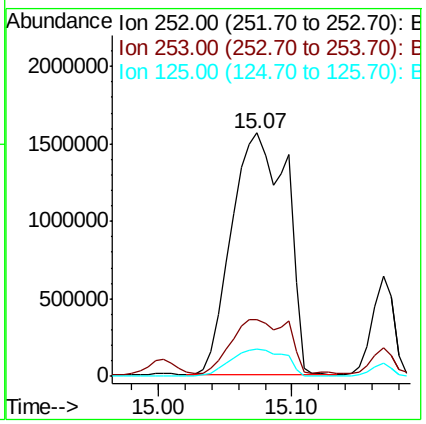


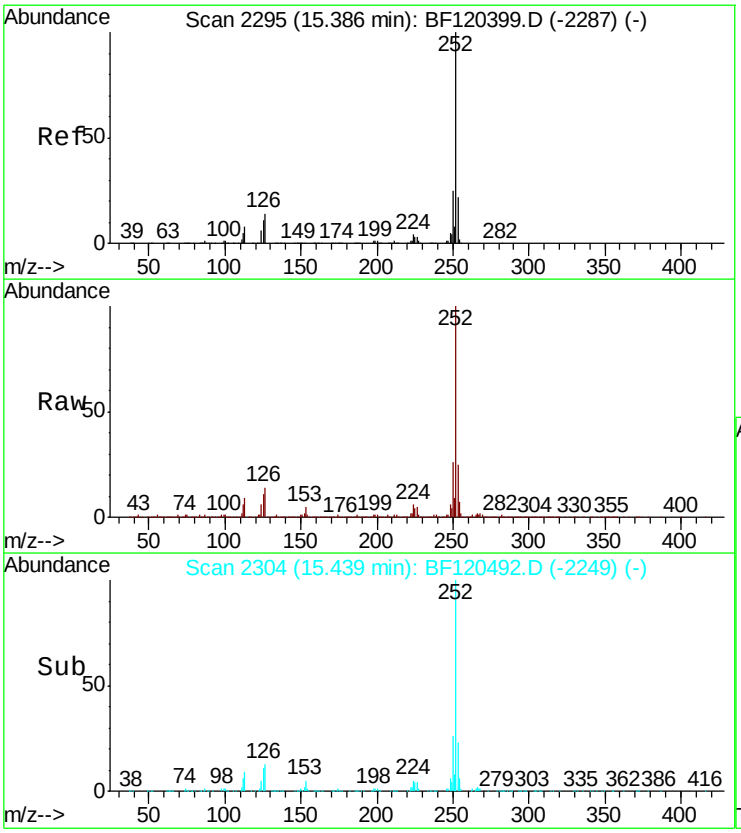
#89
Benzo(k)fluoranthene
Concen: 219.357 ng
RT: 15.07 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 4508354

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	11.0	7.1	10.7#

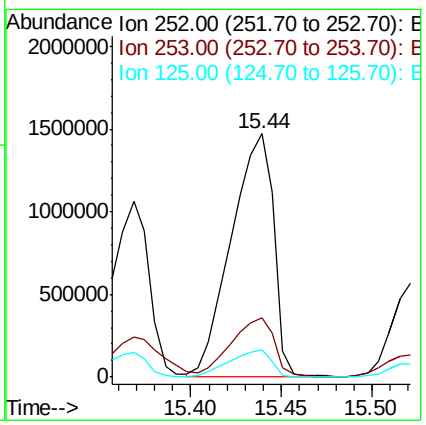


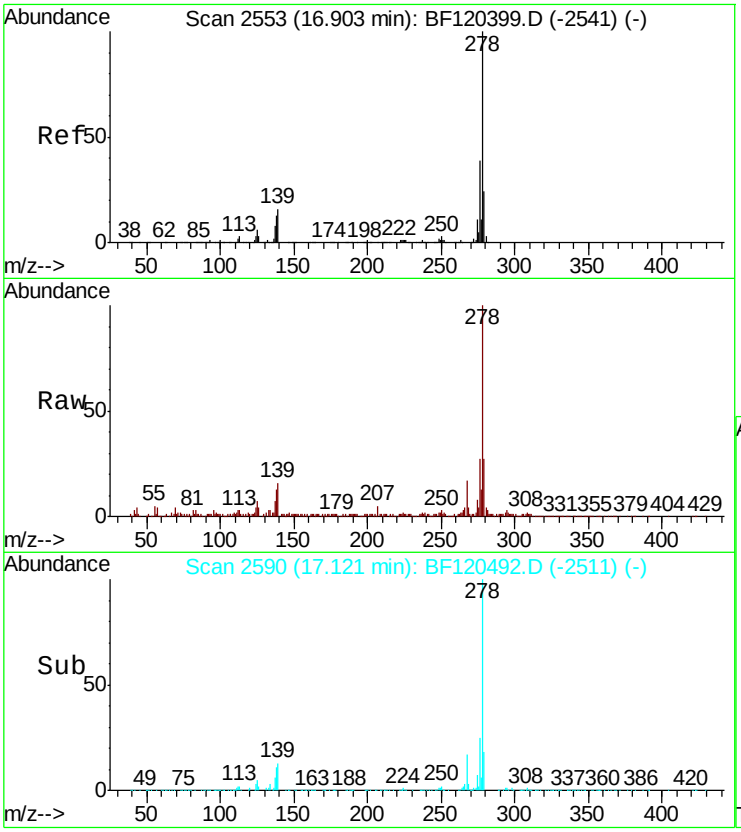


#90
Benzo(a)pyrene
Concen: 123.288 ng
RT: 15.44 min Scan# 2304
Delta R.T. 0.02 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:252 Resp: 2374151

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	11.0	9.0	13.4



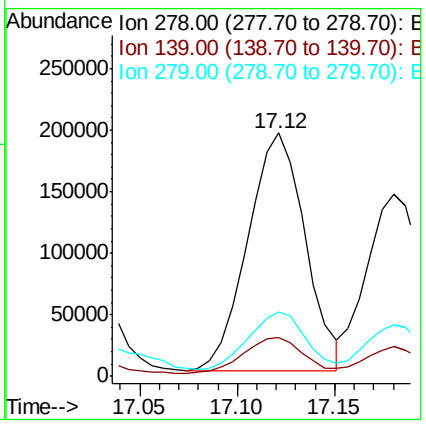


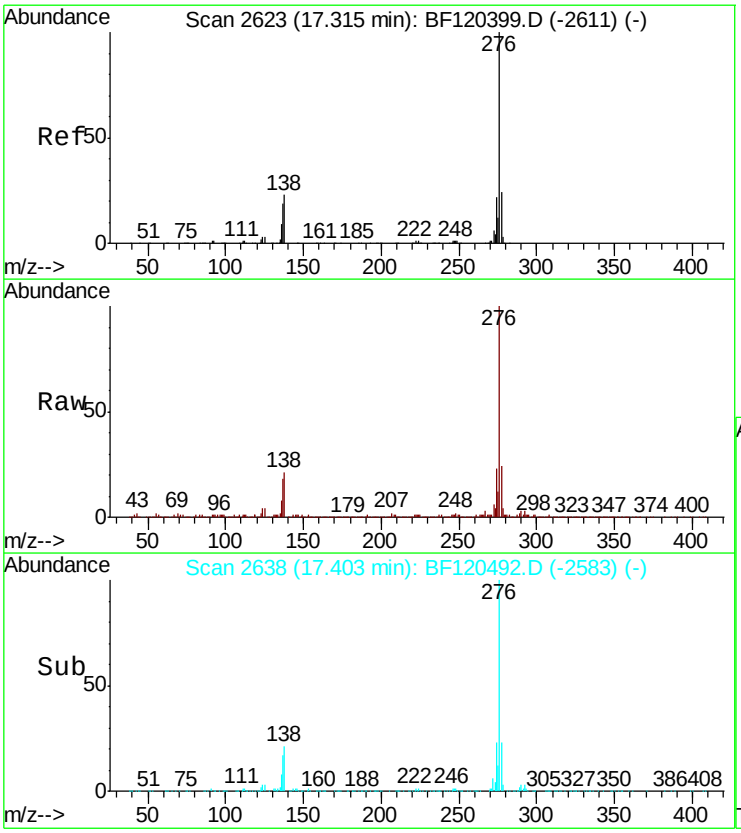
#91
Dibenzo(a,h)anthracene
Concen: 22.226 ng
RT: 17.12 min Scan# 2590
Delta R.T. 0.16 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 392842

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.2	18.4
279	26.5	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 64.847 ng
RT: 17.40 min Scan# 2638
Delta R.T. 0.02 min
Lab File: BF120492.D
Acq: 2 Jun 2020 14:02

Tgt Ion:276 Resp: 1130436

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	21.0	16.8	25.2