Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115692.D
Acq On : 20 Jul 2019 00:35
Operator : HP/JU
Sample : K3887-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 20 04:01:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	204537	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	784512	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	345898	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	520174	20.00	ng		0.00
76) Chrysene-d12	14.04	240	327874	20.00	ng		0.00
87) Perylene-d12	15.52	264	306013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1096258	87.67	ng		0.00
7) Phenol-d6	6.52	99	1428054	90.00	ng		0.00
23) Nitrobenzene-d5	7.44	82	883682	65.50	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	290279	71.90	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1285704	65.06	ng		-0.01
79) Terphenyl-d14	12.99	244	889804	50.08	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	118296	11.432	ng	#	80
25) Isophorone	7.44	82	872120	32.304	ng	#	64
31) Naphthalene	8.19	128	354203	9.323	ng		95
33) 4-Chloroaniline	8.19	127	46091	2.739	ng	#	33
35) Caprolactam	8.87	113	7526	2.090	ng	#	1
37) 2-Methylnaphthalene	8.87	142	334662	13.288	ng		97
38) 1-Methylnaphthalene	8.97	142	279248	11.673	ng		99
49) Acenaphthylene	9.78	152	147566	4.423	ng		97
50) Dimethylphthalate	9.63	163	221509	8.512	ng		99
52) Acenaphthene	9.95	154	53584	2.488	ng		96
58) Fluorene	10.47	166	243350	11.128	ng		98
67) 4-Bromophenyl-phenylether	10.71	248	17943	3.018	ng	#	1
71) Phenanthrene	11.43	178	1129437	42.359	ng		98
72) Anthracene	11.48	178	215076	7.805	ng		98
75) Fluoranthene	12.62	202	860266	30.531	ng		99
78) Pyrene	12.85	202	1072339	38.603	ng		98
81) Benzo(a)anthracene	14.04	228	493946	22.867	ng		96
83) Chrysene	14.07	228	464473	21.420	ng		97
84) Bis(2-ethylhexyl)phthalate	14.02	149	144747	9.868	ng	#	97
86) Indeno(1,2,3-cd)pyrene	17.00	276	150428	8.166	ng		97
88) Benzo(b)fluoranthene	15.09	252	550474	27.936	ng		99
89) Benzo(k)fluoranthene	15.09	252	550474	31.334	ng		99
90) Benzo(a)pyrene	15.46	252	322886	19.065	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	44470	2.991	ng	#	91
92) Benzo(g,h,i)perylene	17.45	276	146440	9.876	ng		96

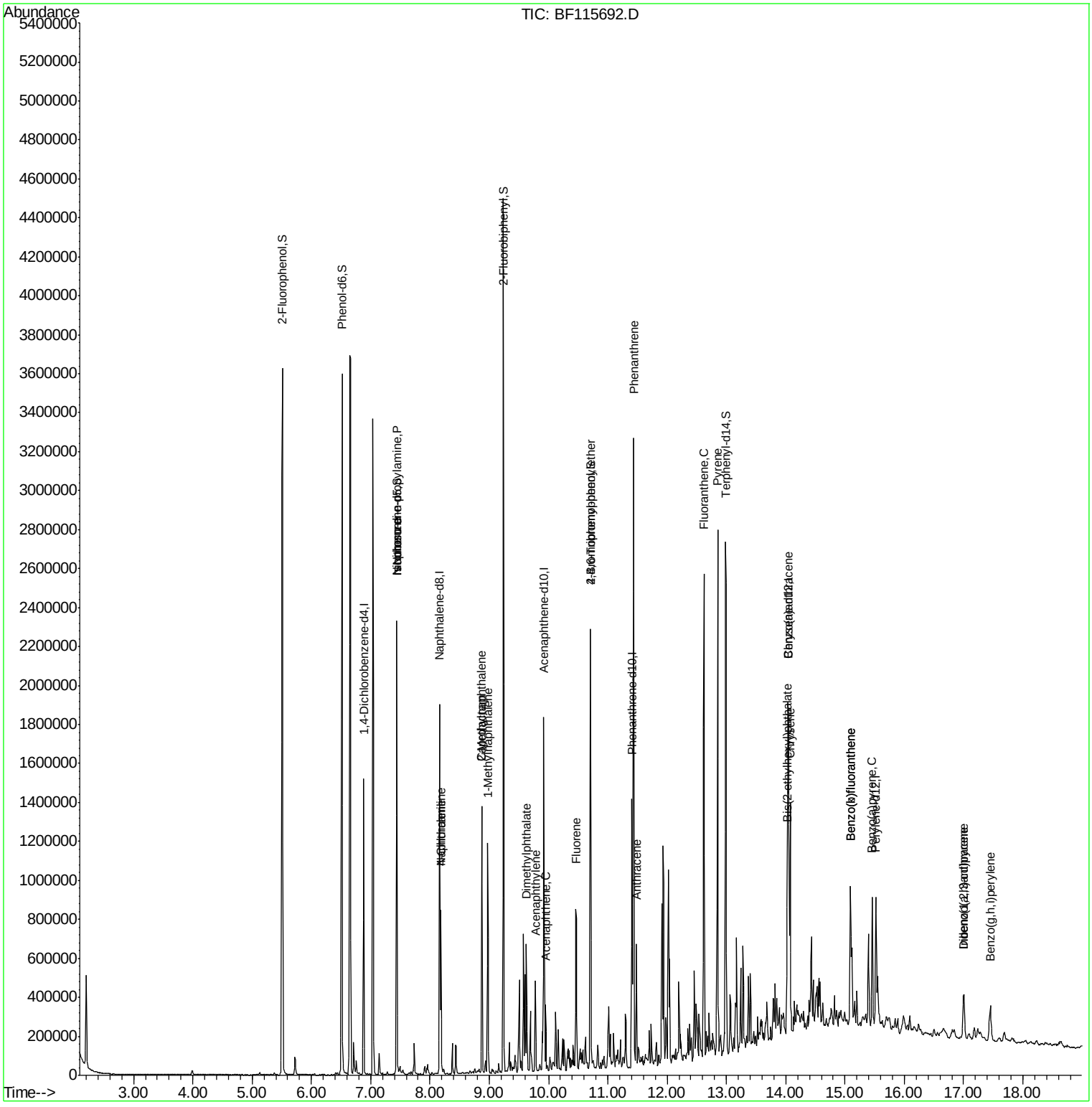
(#) = qualifier out of range (m) = manual integration (+) = signals summed

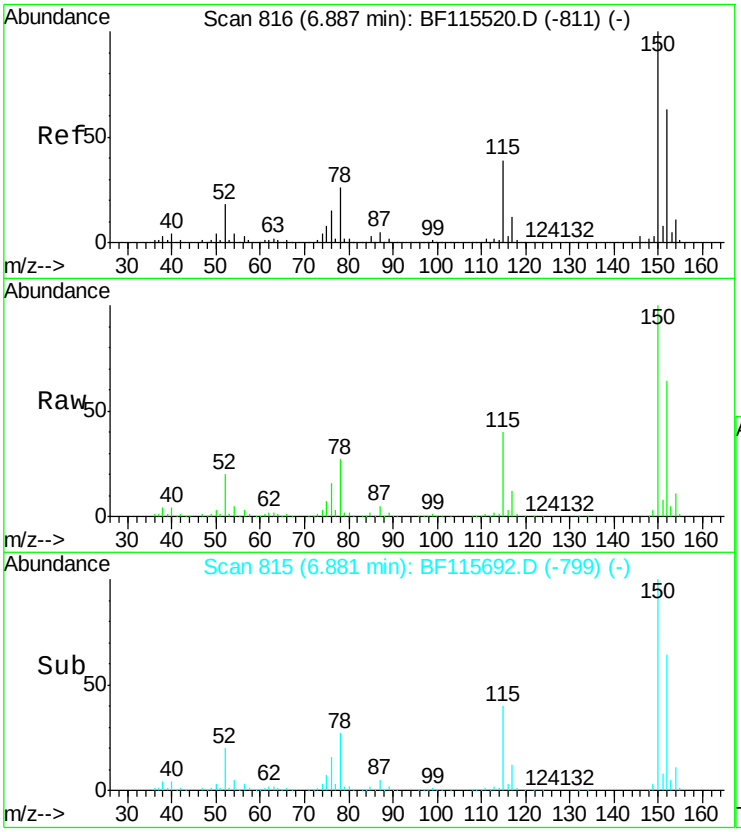
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115692.D
Acq On : 20 Jul 2019 00:35
Operator : HP/JU
Sample : K3887-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 20 04:01:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



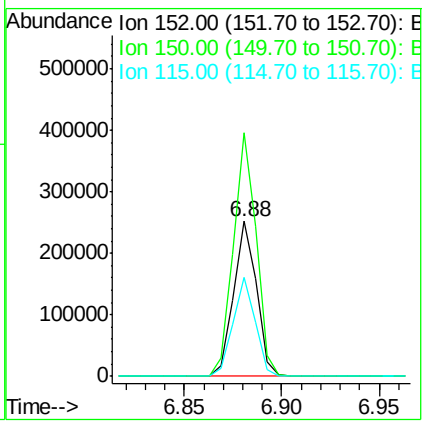


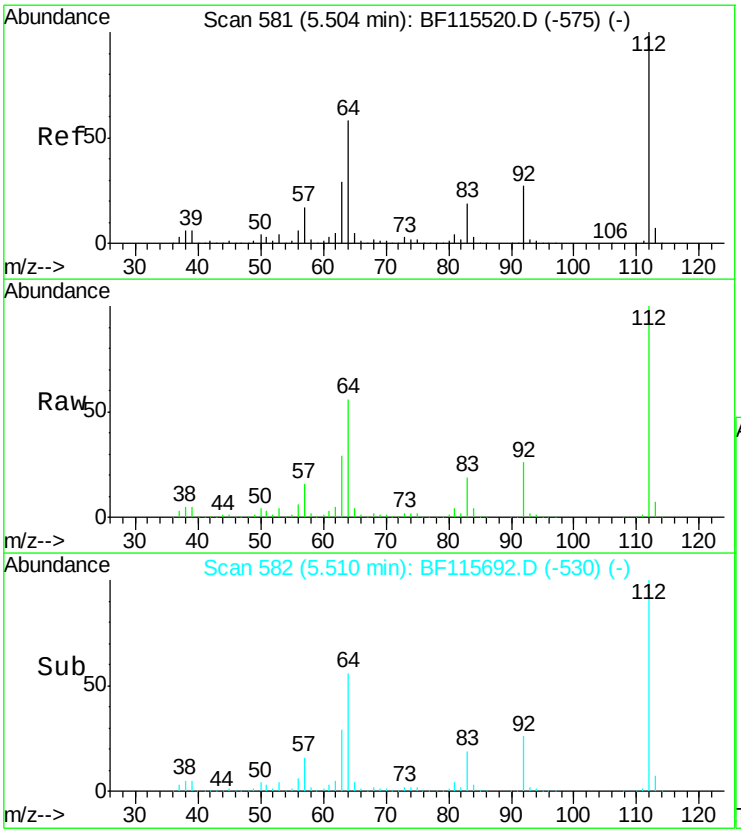
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 204537

Ion	Ratio	Lower	Upper
152	100		
150	156.9	129.7	194.5
115	63.5	48.2	72.4

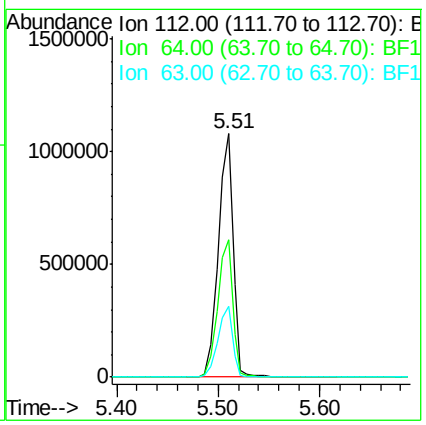


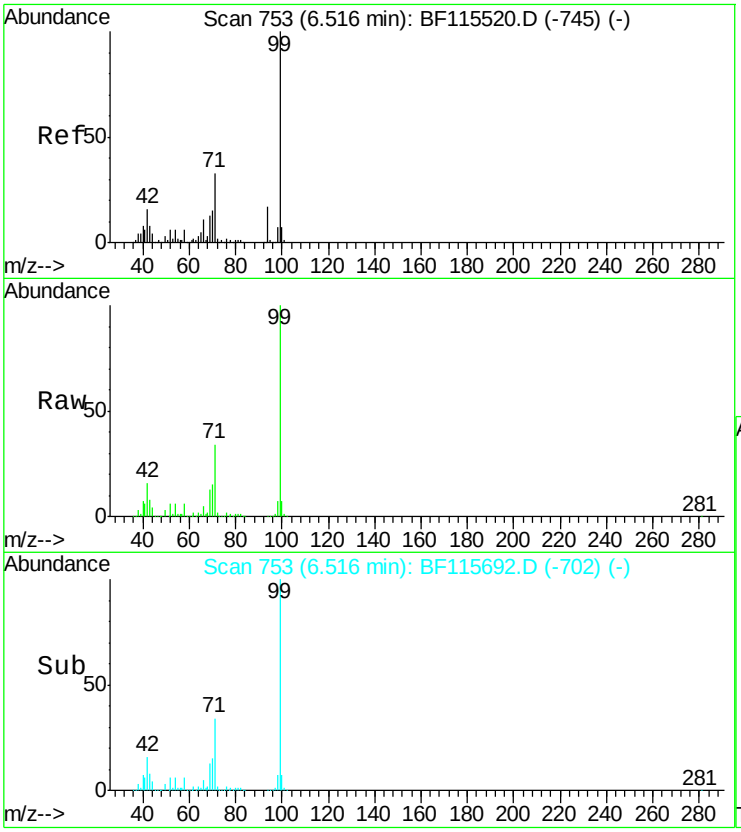


#5
2-Fluorophenol
Concen: 87.669 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:112 Resp: 1096258

Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.8	70.2
63	28.9	24.1	36.1



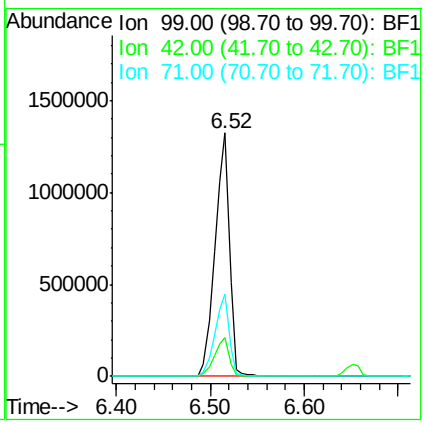


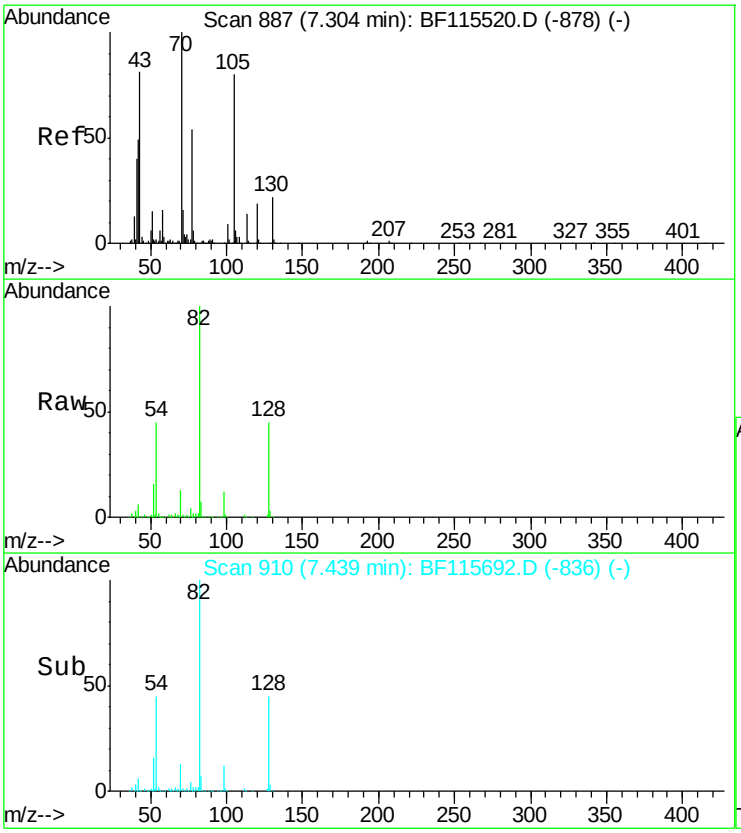
#7
Phenol-d6
Concen: 90.003 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1428054

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	34.0	28.5	42.7

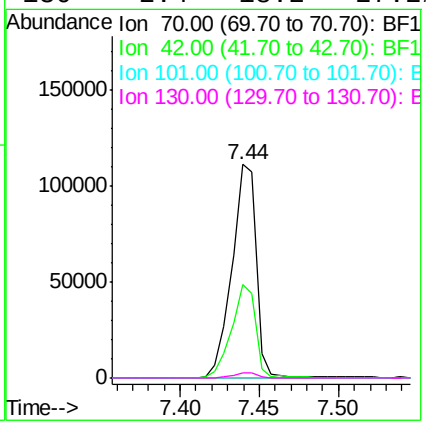


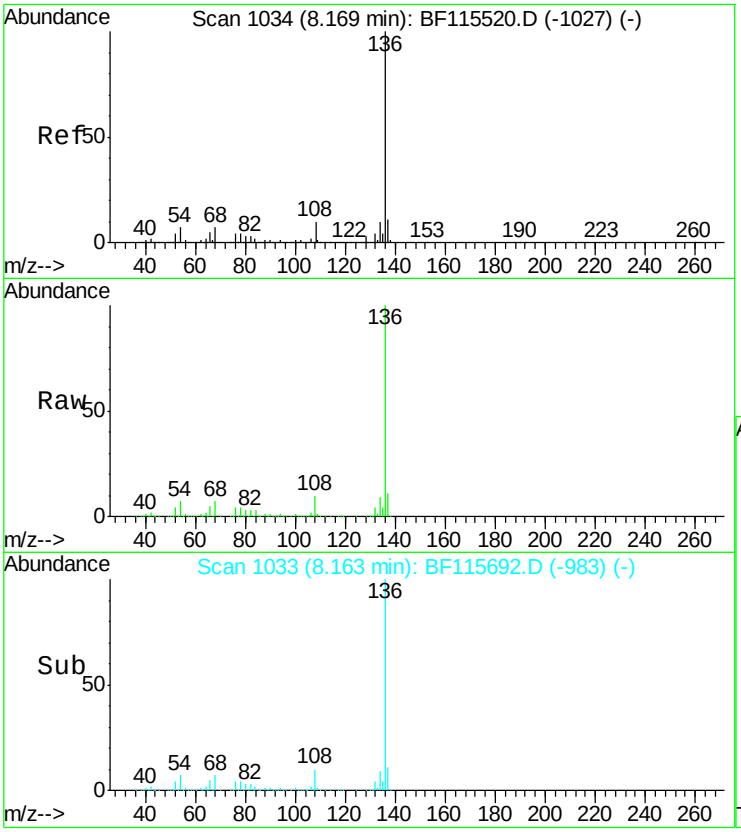


#19
n-Nitroso-di-n-propylamine
Concen: 11.432 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion: 70 Resp: 118296

Ion	Ratio	Lower	Upper
70	100		
42	44.1	39.6	59.4
101	0.0	8.1	12.1#
130	2.4	18.2	27.2#



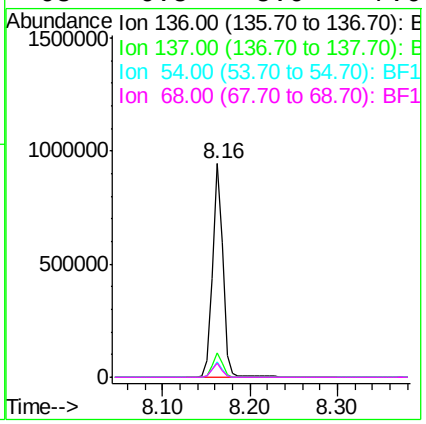


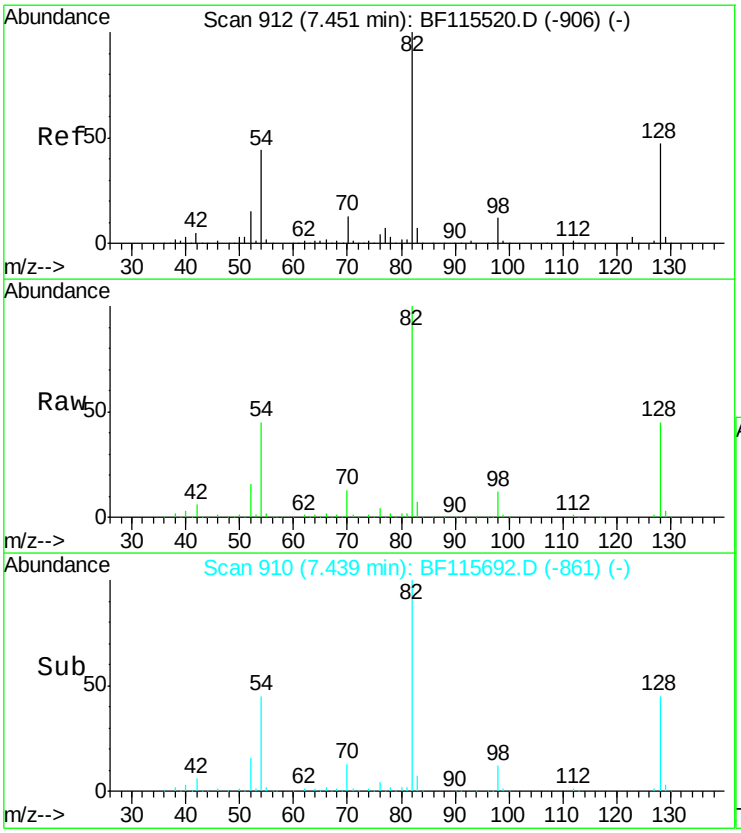
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 784512

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.2	5.6	8.4
68	6.5	5.0	7.6

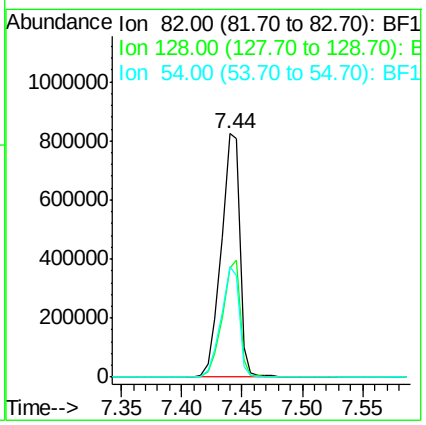


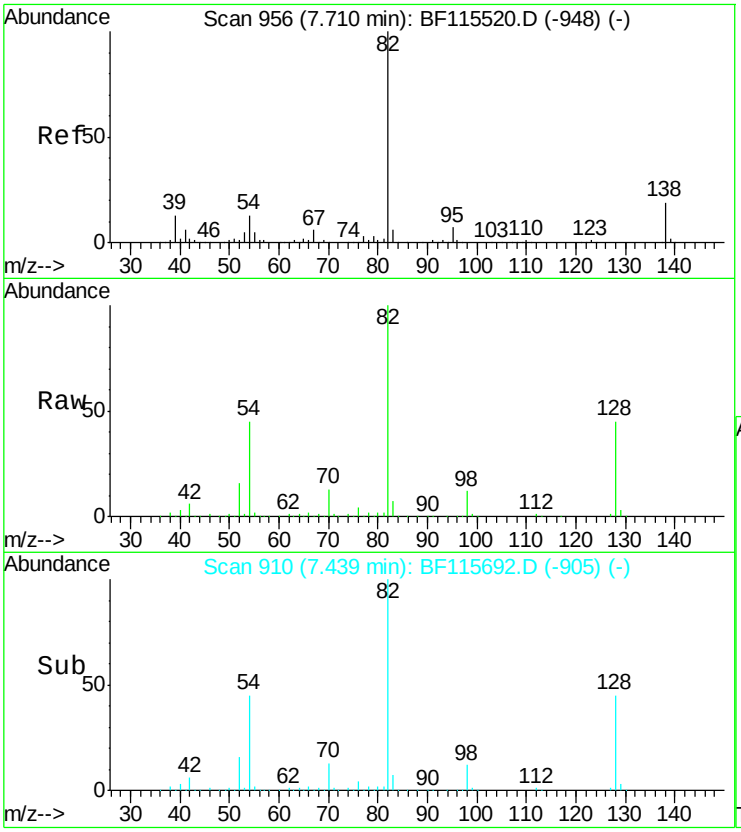


#23
Nitrobenzene-d5
Concen: 65.497 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion: 82 Resp: 883682

Ion	Ratio	Lower	Upper
82	100		
128	44.8	38.6	57.8
54	45.3	35.6	53.4



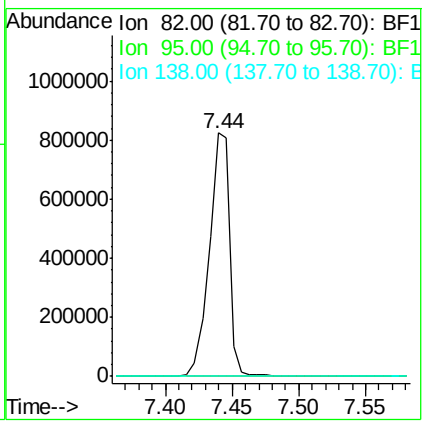


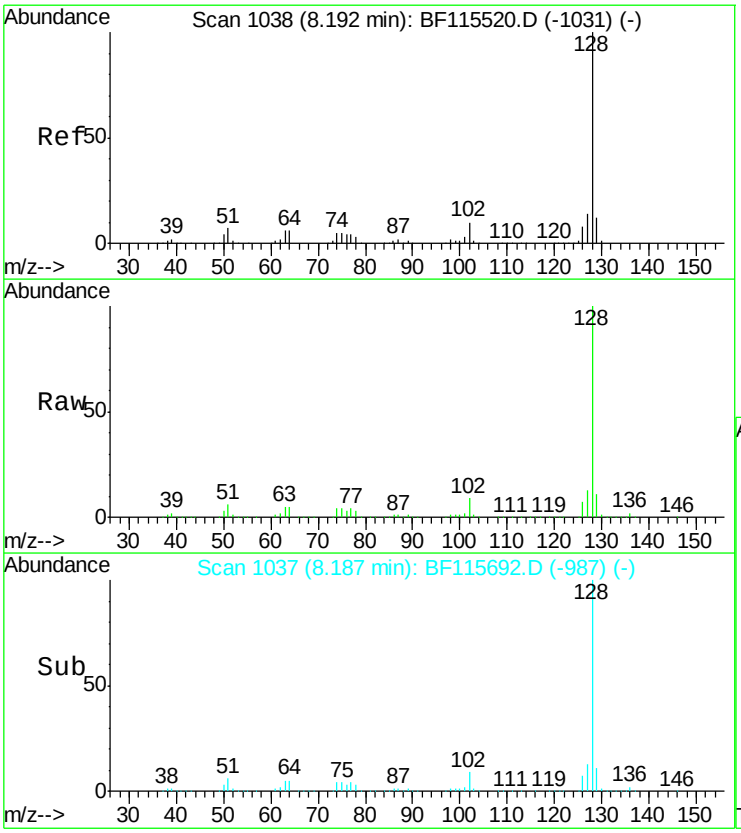
#25
Isophorone
Concen: 32.304 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 872120

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.9	22.3#

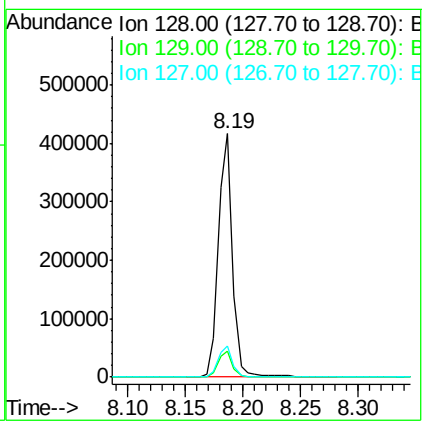


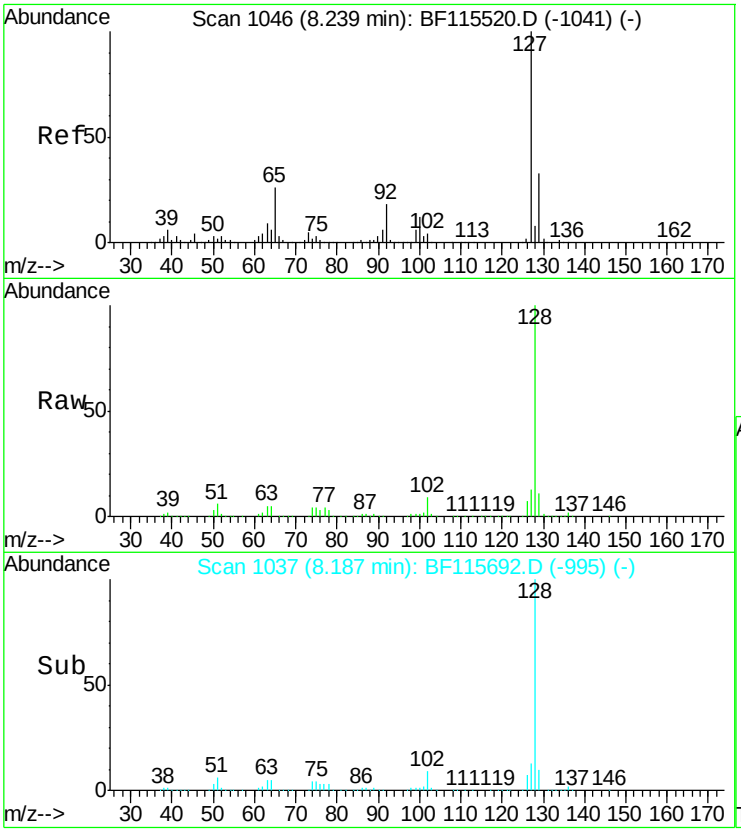


#31
Naphthalene
Concen: 9.323 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:128 Resp: 354203

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.9	14.9
127	12.8	12.1	18.1



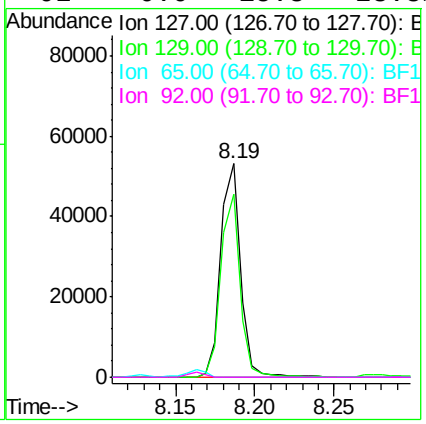


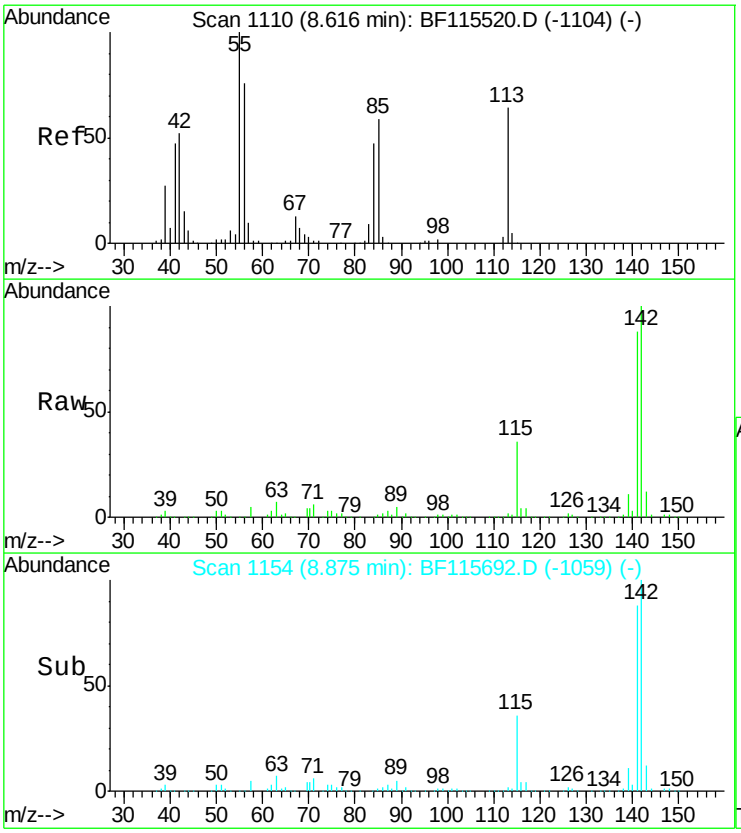
#33
4-Chloroaniline
Concen: 2.739 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 46091

Ion	Ratio	Lower	Upper
127	100		
129	85.8	26.6	39.8#
65	0.0	23.7	35.5#
92	0.0	15.8	23.8#

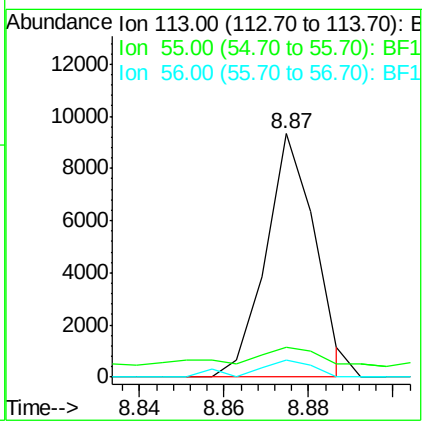


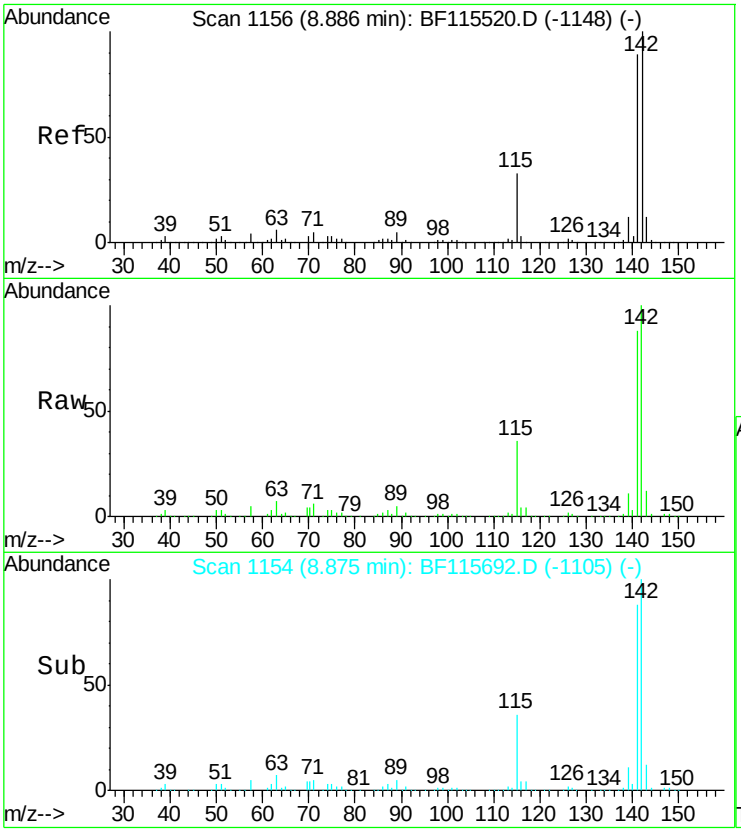


#35
Caprolactam
Concen: 2.090 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.26 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:113 Resp: 7526

Ion	Ratio	Lower	Upper
113	100		
55	12.3	126.9	166.9#
56	7.1	90.3	130.3#



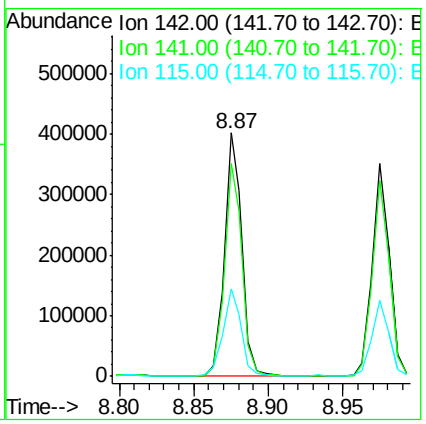


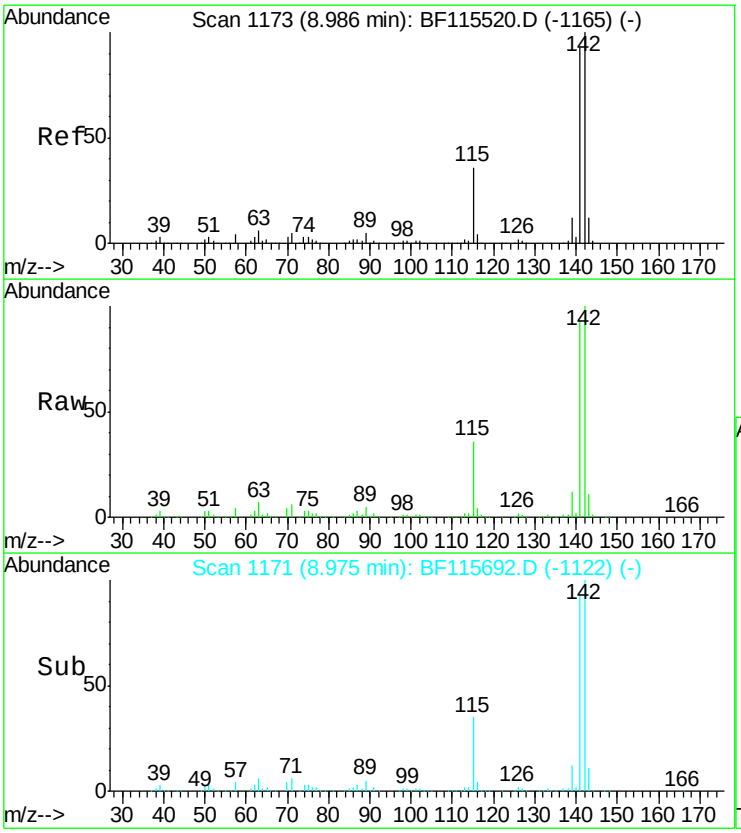
#37
2-Methylnaphthalene
Concen: 13.288 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 334662

Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.0	108.0
115	35.9	29.9	44.9

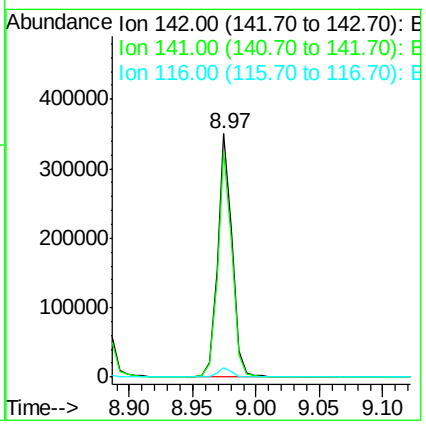


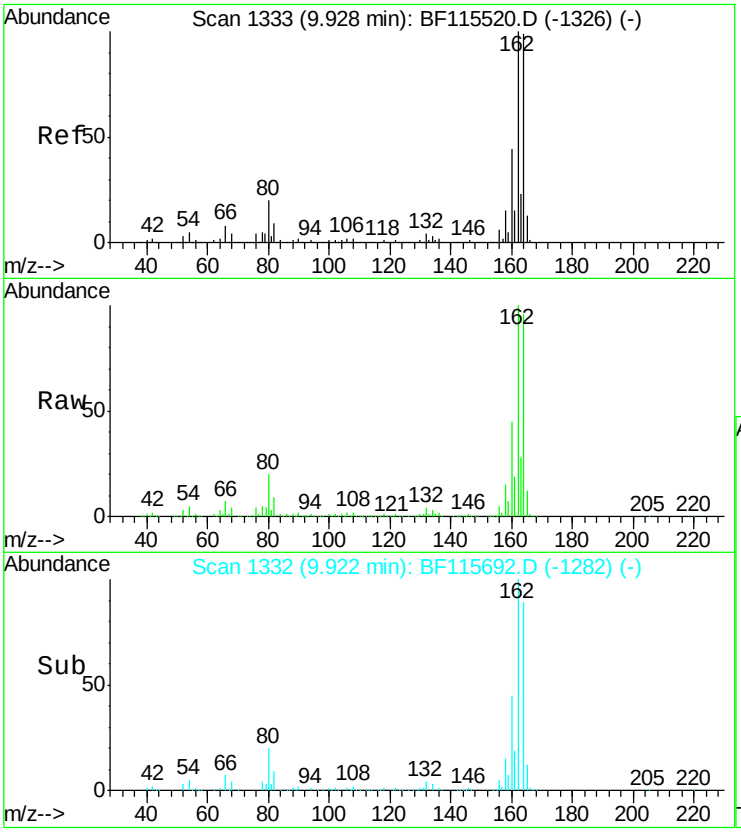


#38
1-Methylnaphthalene
Concen: 11.673 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:142 Resp: 279248

Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.3	112.9
116	3.8	3.3	4.9



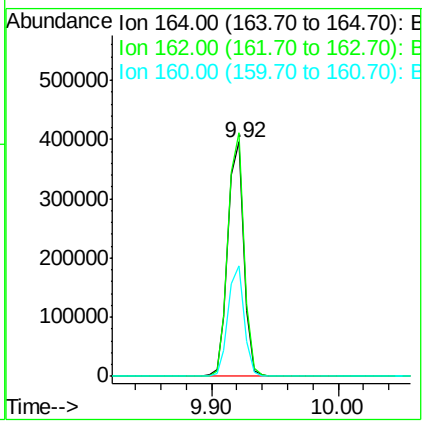


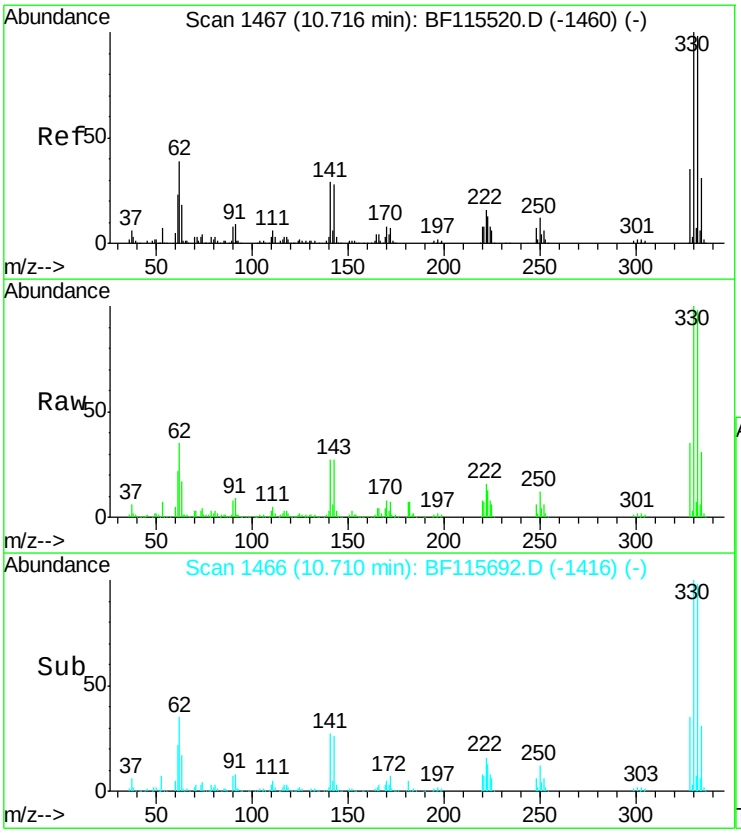
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 345898

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.9	124.3
160	47.1	36.8	55.2

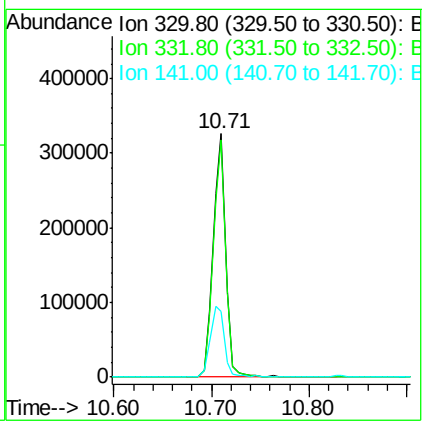


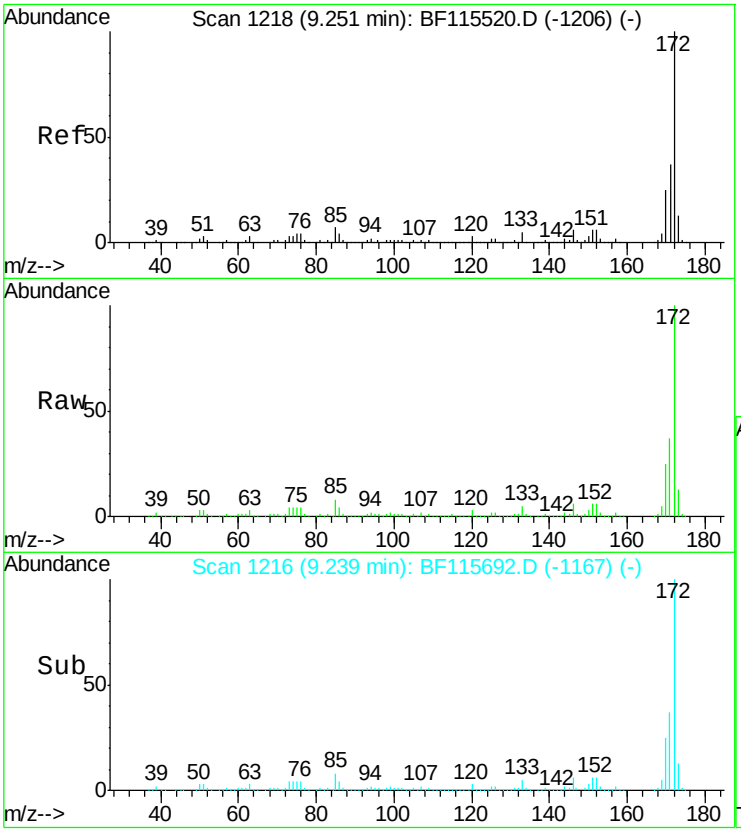


#42
2,4,6-Tribromophenol
Concen: 71.896 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:330 Resp: 290279

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	32.1	22.4	33.6



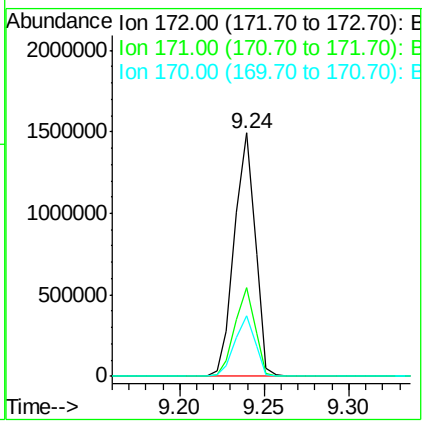


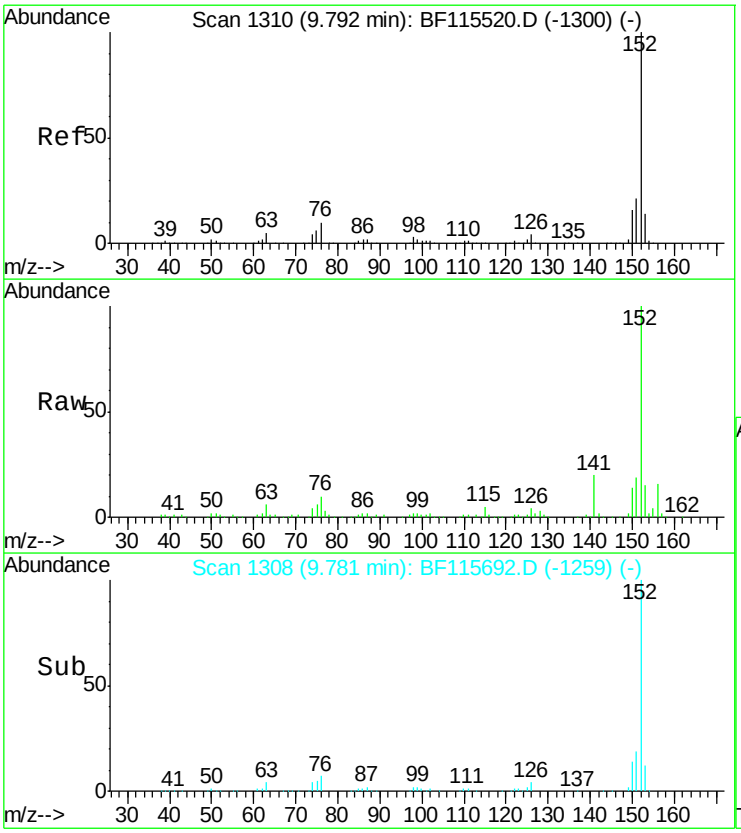
#45
2-Fluorobiphenyl
Concen: 65.058 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1285704

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	46.0
170	24.9	20.5	30.7

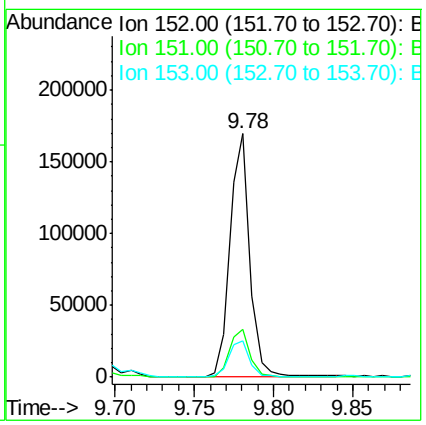


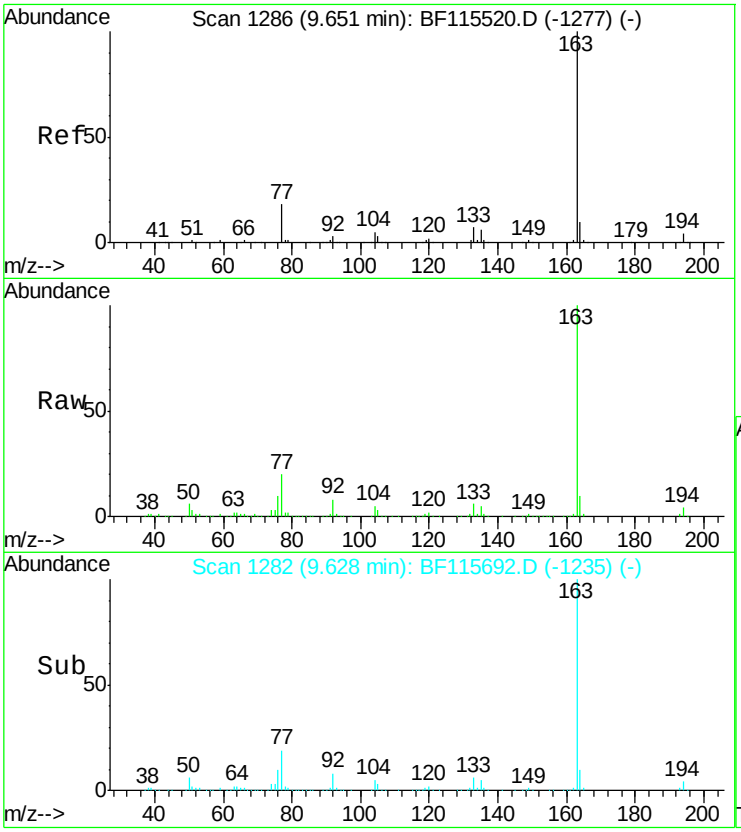


#49
Acenaphthylene
Concen: 4.423 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:152 Resp: 147566

Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.7	26.5
153	15.1	12.0	18.0



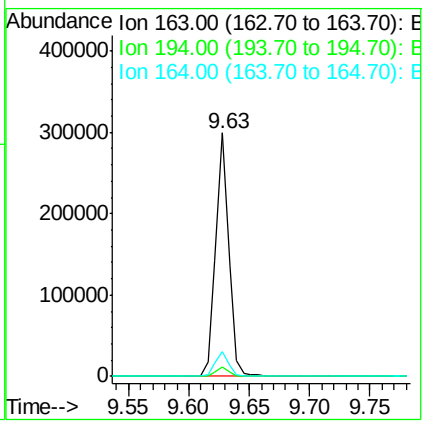


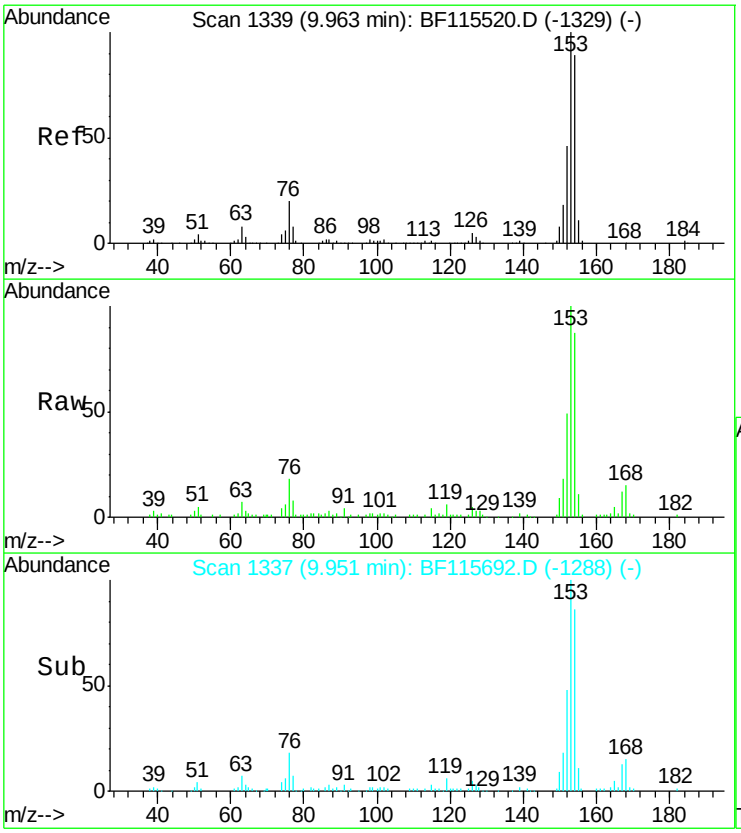
#50
Dimethylphthalate
Concen: 8.512 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 221509

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.7	13.1

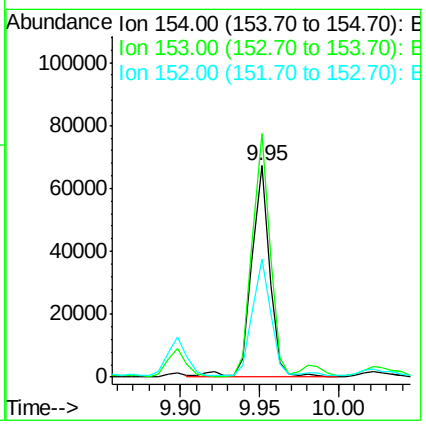


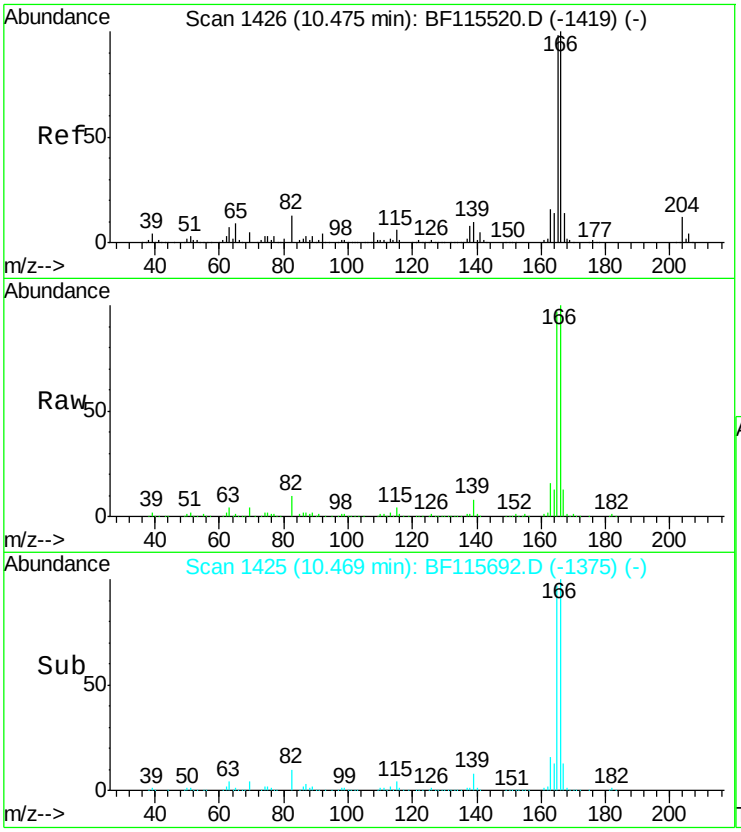


#52
Acenaphthene
Concen: 2.488 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:154 Resp: 53584

Ion	Ratio	Lower	Upper
154	100		
153	115.4	88.6	133.0
152	56.2	42.3	63.5



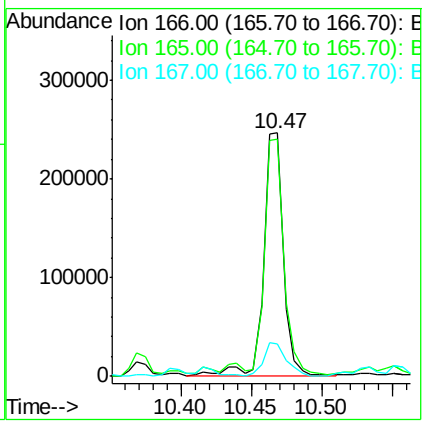


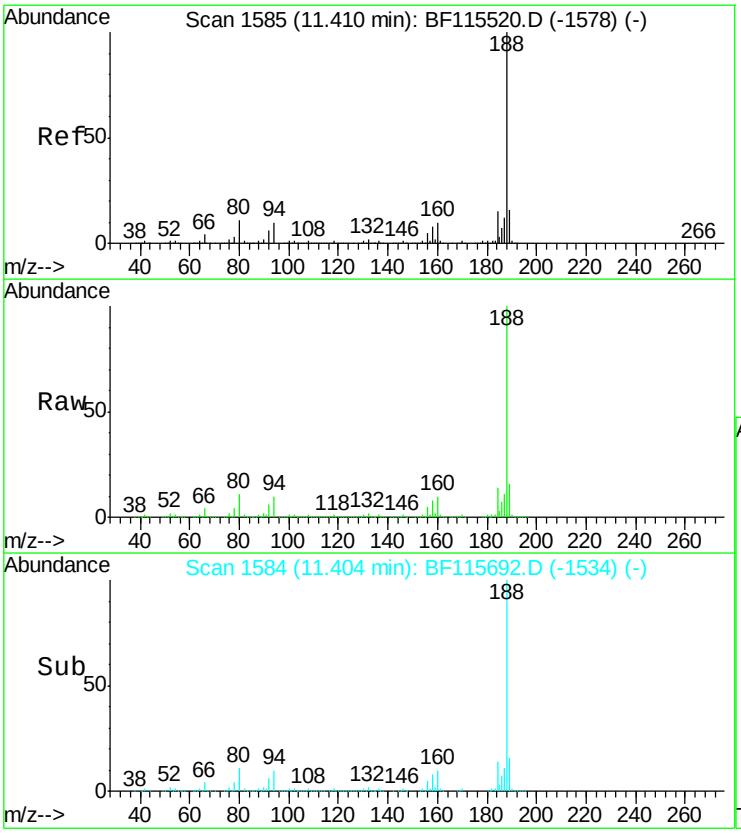
#58
Fluorene
Concen: 11.128 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 243350

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.6
167	13.5	11.2	16.8

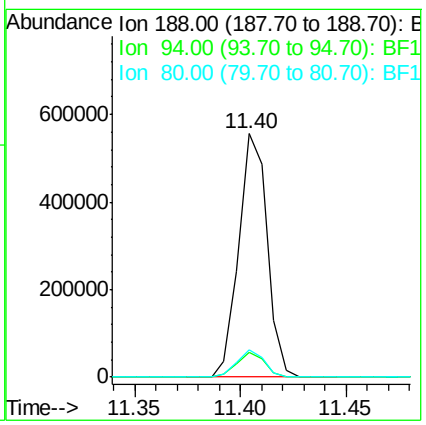


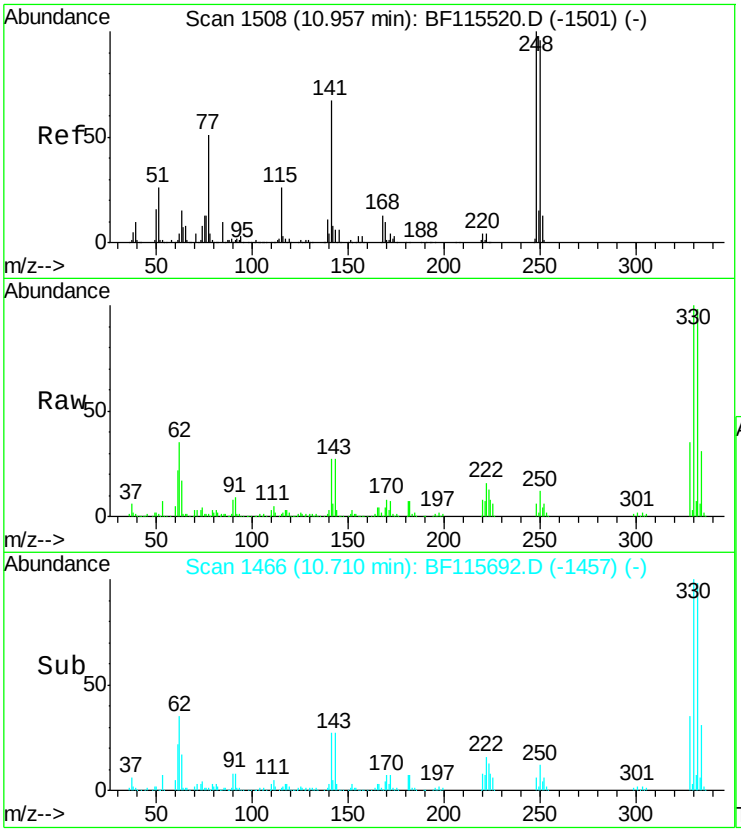


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:188 Resp: 520174

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.8	11.6
80	11.3	8.6	13.0



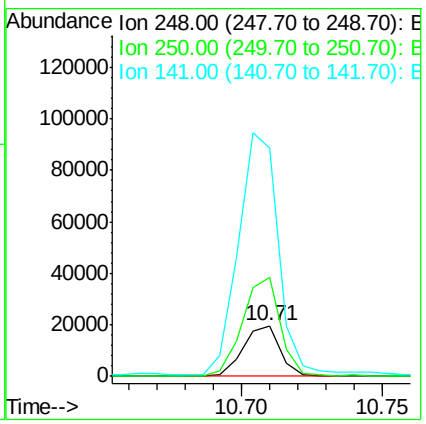


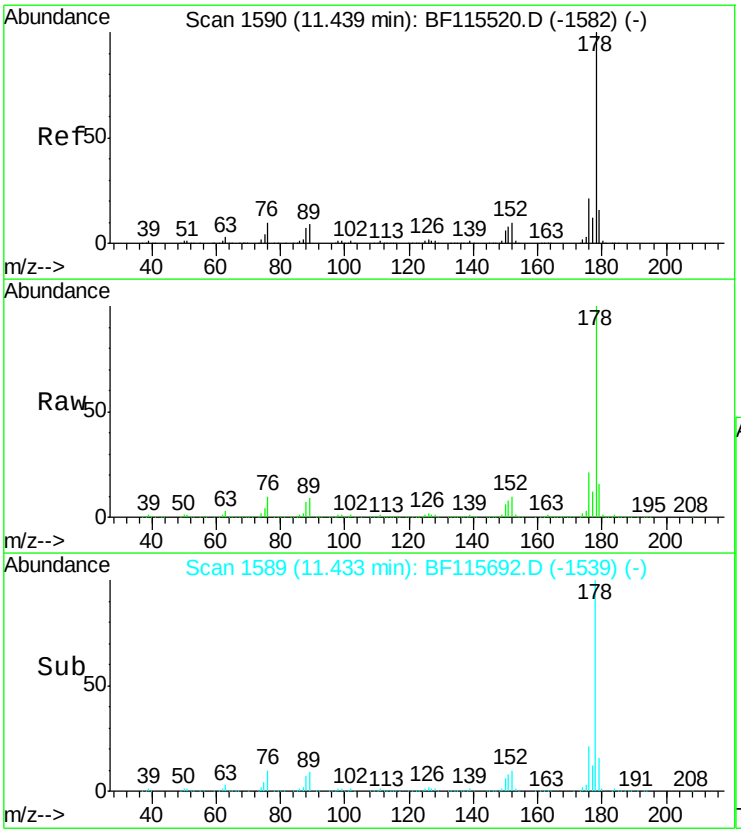
#67
4-Bromophenyl-phenylether
Concen: 3.018 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17943

Ion	Ratio	Lower	Upper
248	100		
250	195.7	78.0	117.0#
141	448.9	57.7	86.5#

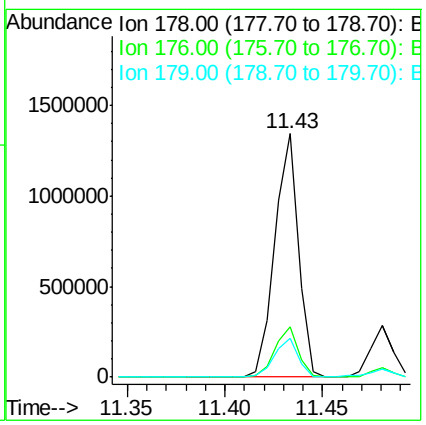


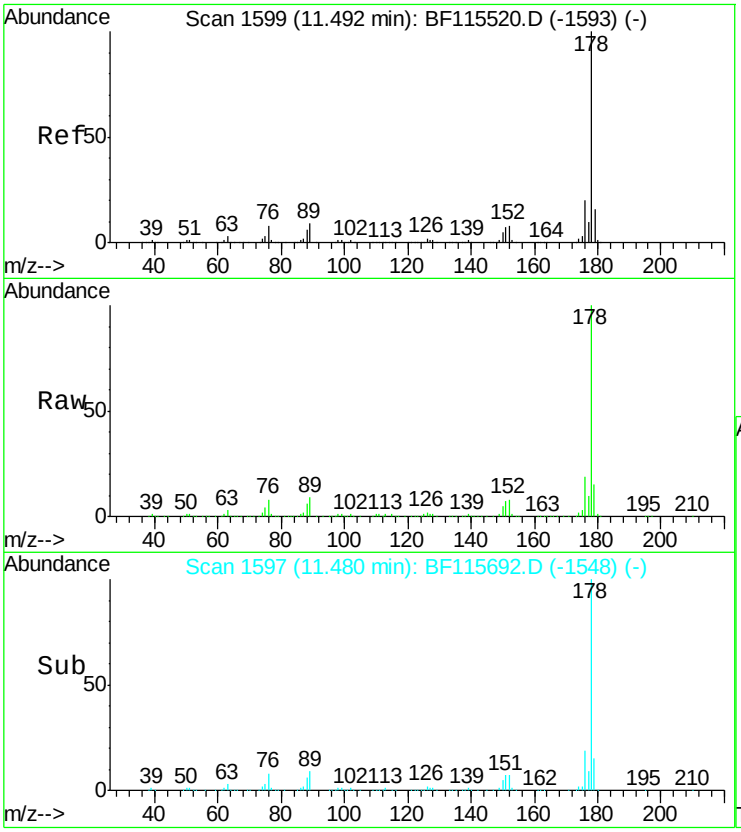


#71
Phenanthrene
Concen: 42.359 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:178 Resp: 1129437

Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.2	25.8
179	16.0	13.5	20.3



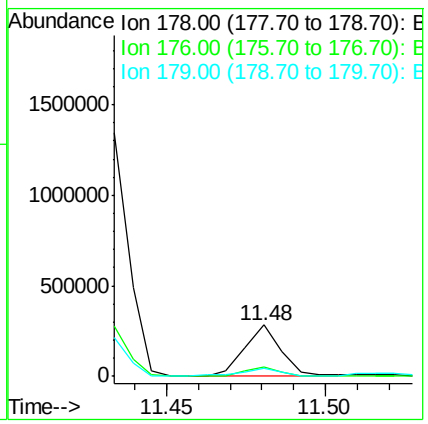


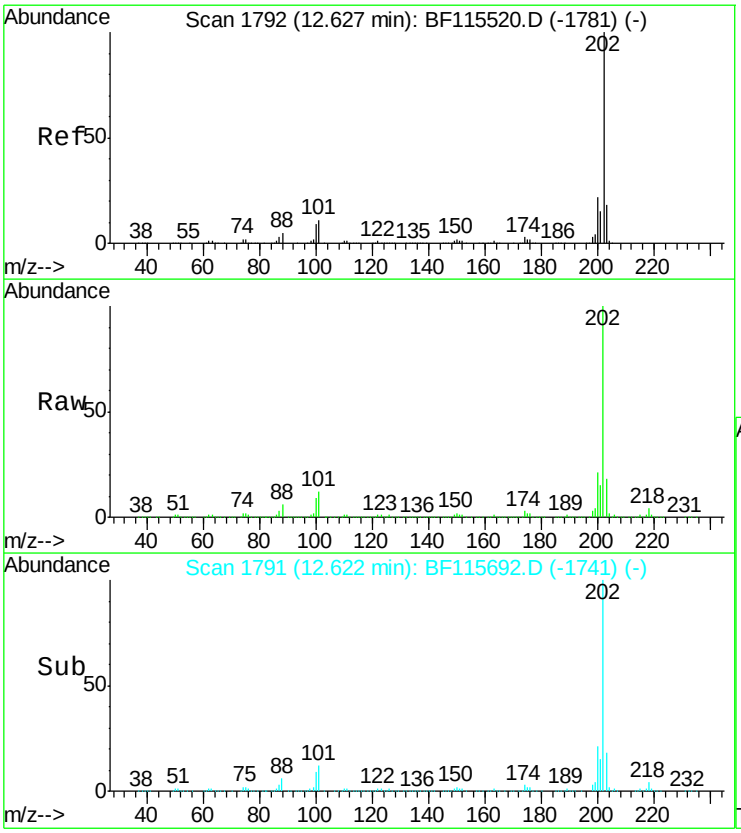
#72
Anthracene
Concen: 7.805 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 215076

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.0	12.7	19.1

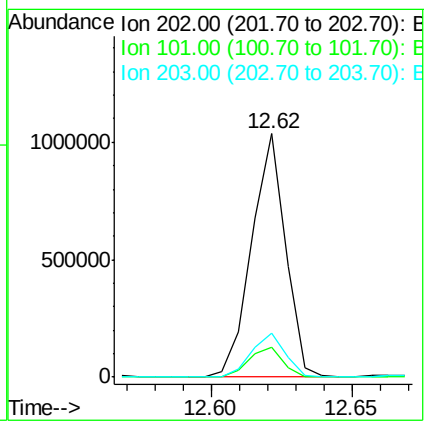


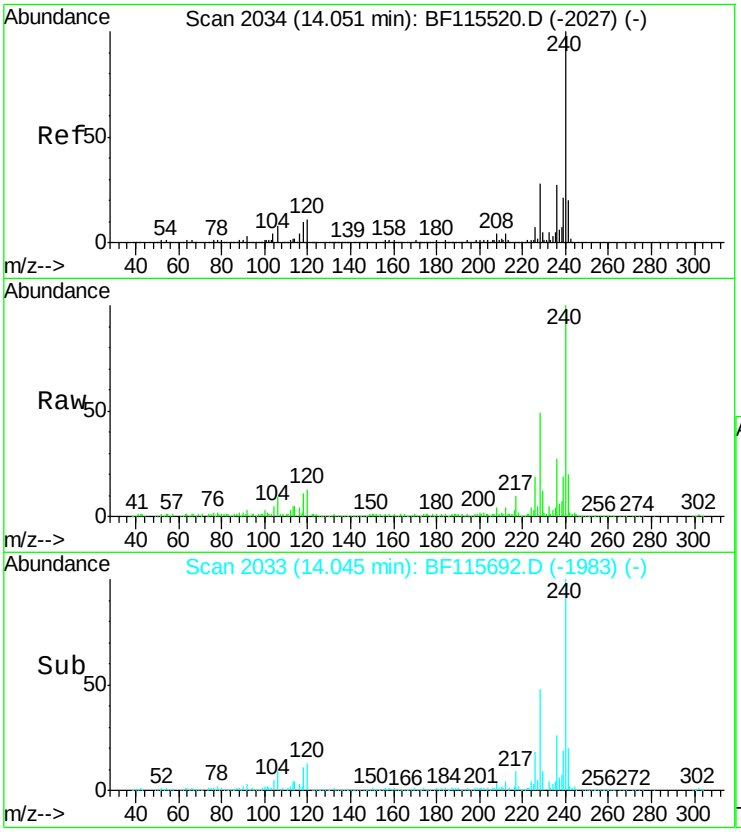


#75
Fluoranthene
Concen: 30.531 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:202 Resp: 860266

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.4
203	18.1	0.0	38.1



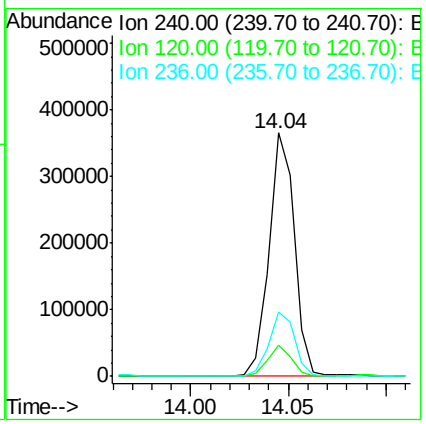


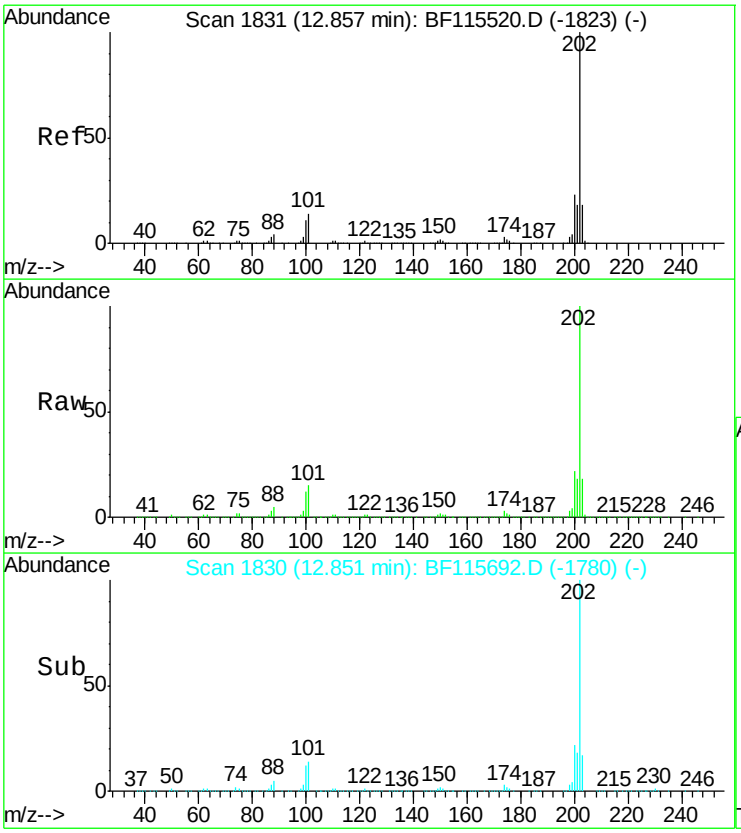
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 327874

Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.6	13.0
236	26.5	21.3	31.9

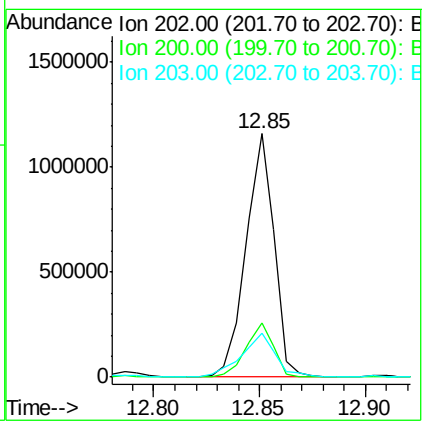


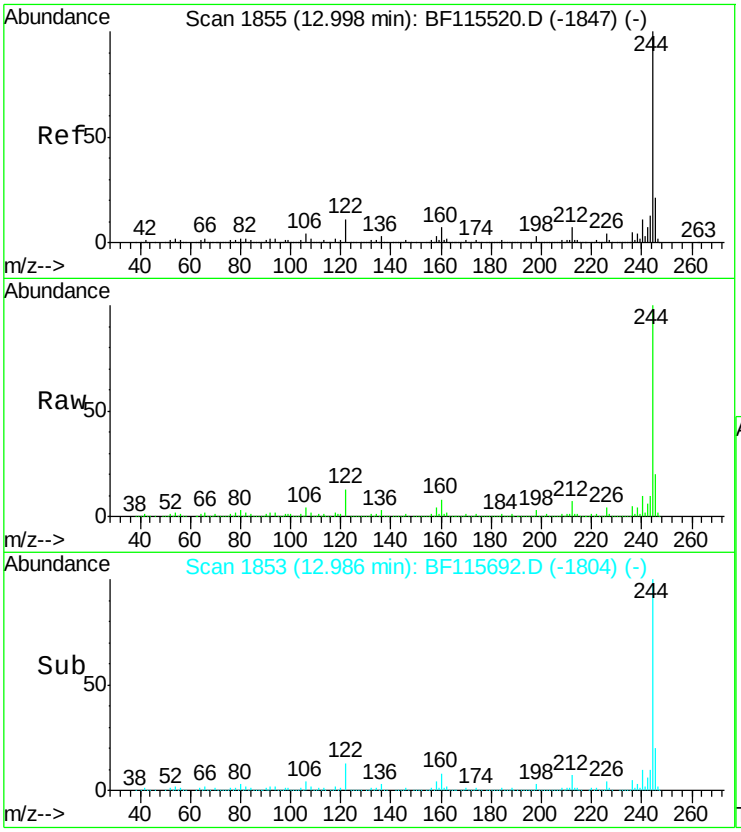


#78
Pyrene
Concen: 38.603 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:202 Resp: 1072339

Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.7	28.1
203	18.3	15.2	22.8



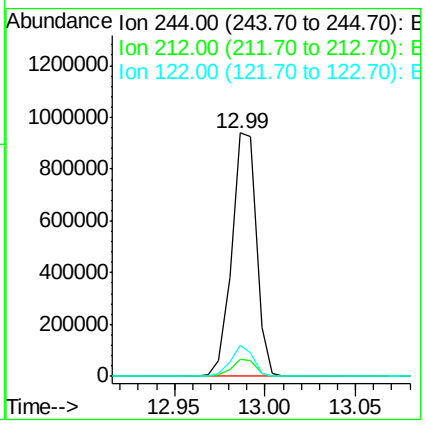


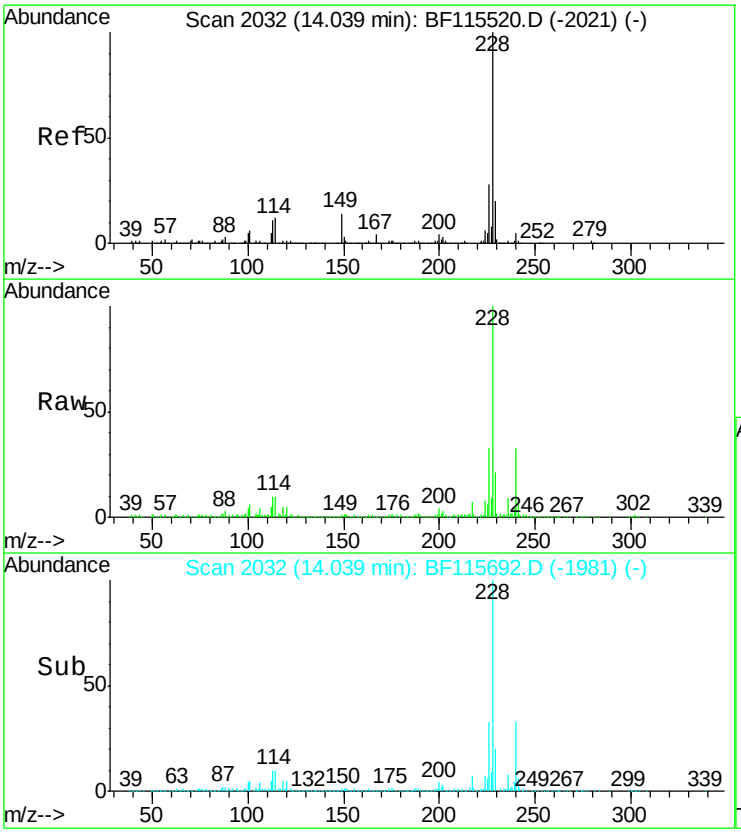
#79
Terphenyl-d14
Concen: 50.075 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 889804

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.8	8.6	12.8

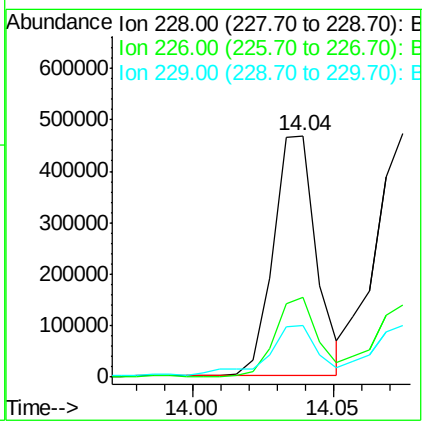


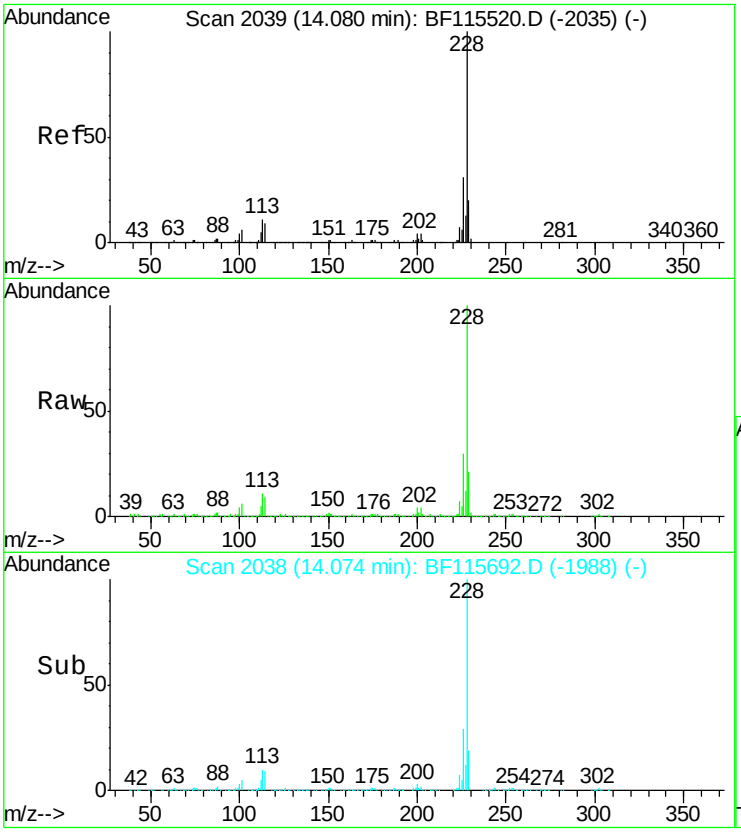


#81
Benzo(a)anthracene
Concen: 22.867 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:228 Resp: 493946

Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.4	35.0
229	21.4	17.2	25.8



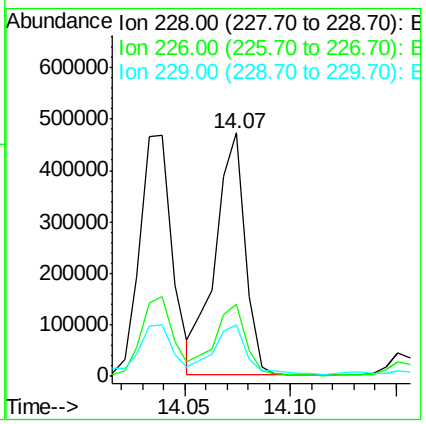


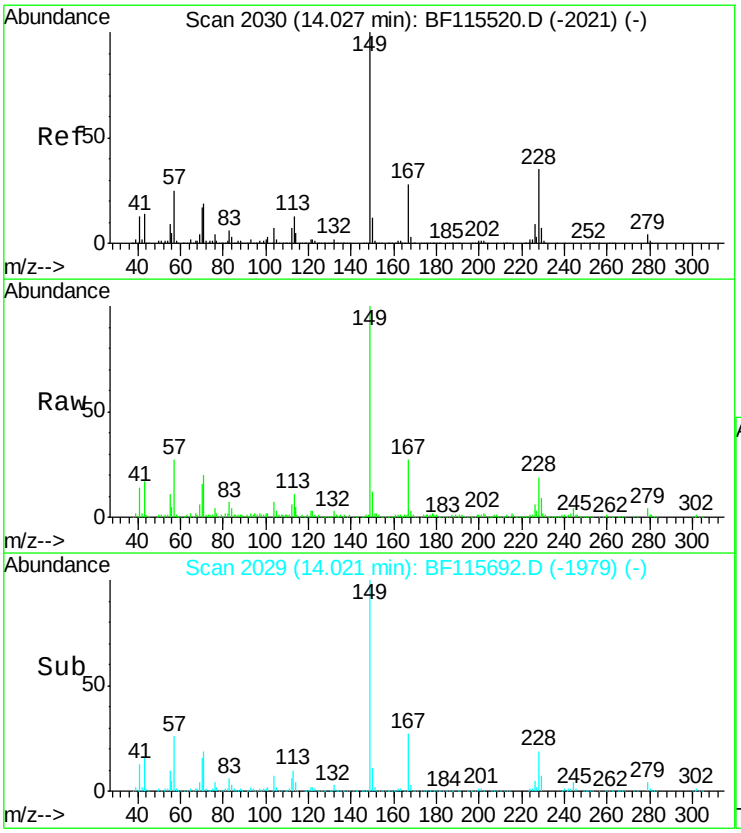
#83
Chrysene
Concen: 21.420 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 464473

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.7	38.5
229	21.3	16.6	25.0

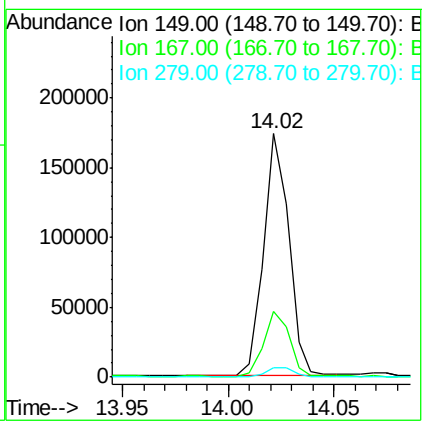


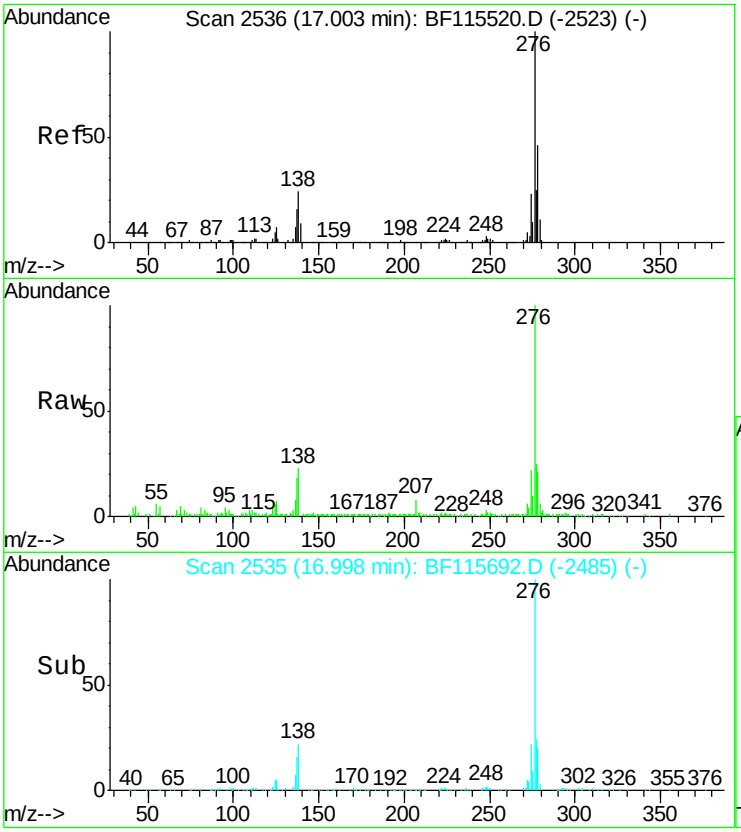


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.868 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:149 Resp: 144747

Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.0	34.4
279	3.8	4.2	6.2#



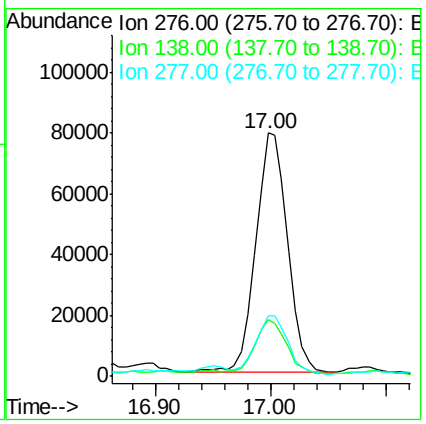


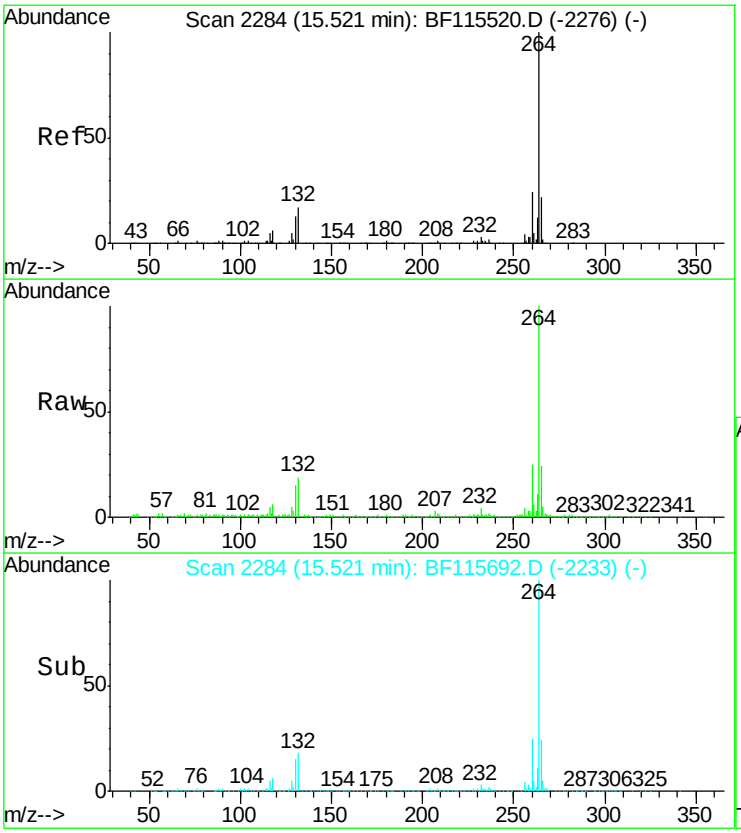
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.166 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 150428

Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.2	30.2
277	25.1	20.4	30.6

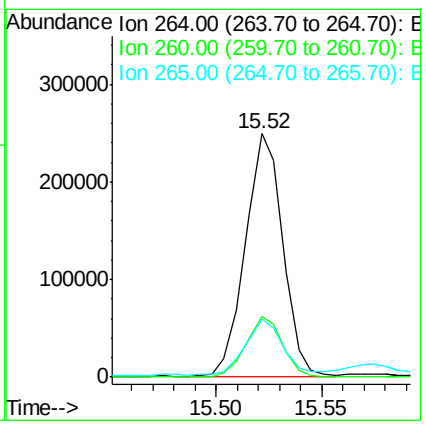


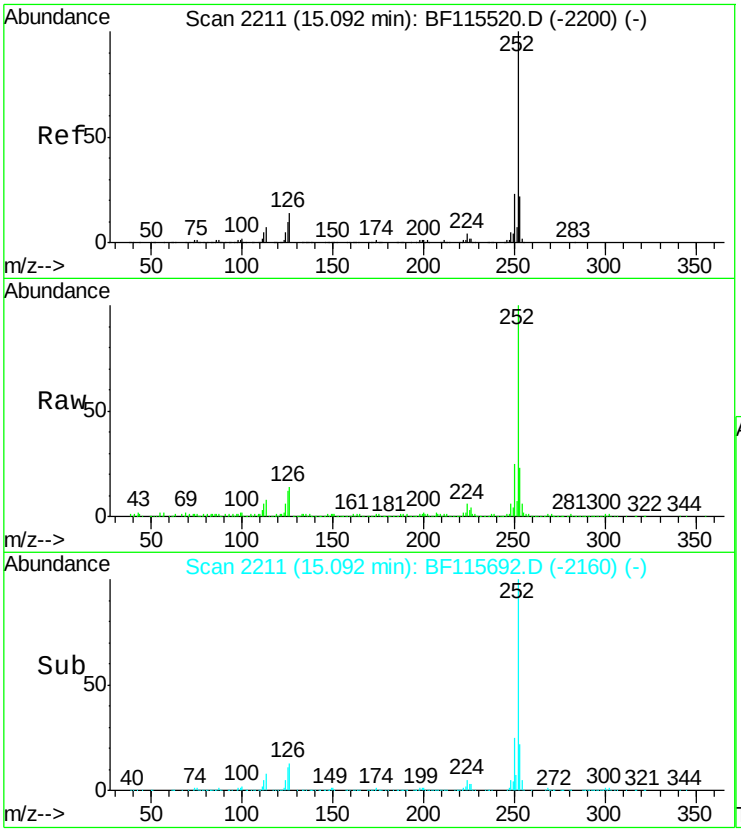


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:264 Resp: 306013

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	24.0	17.7	26.5



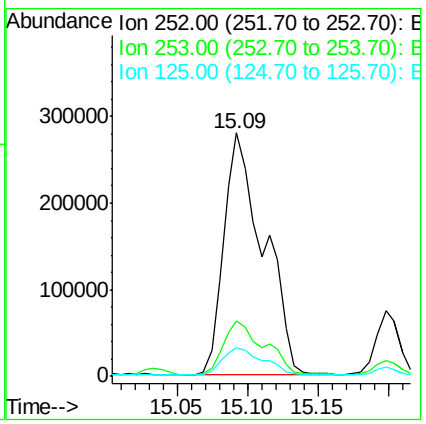


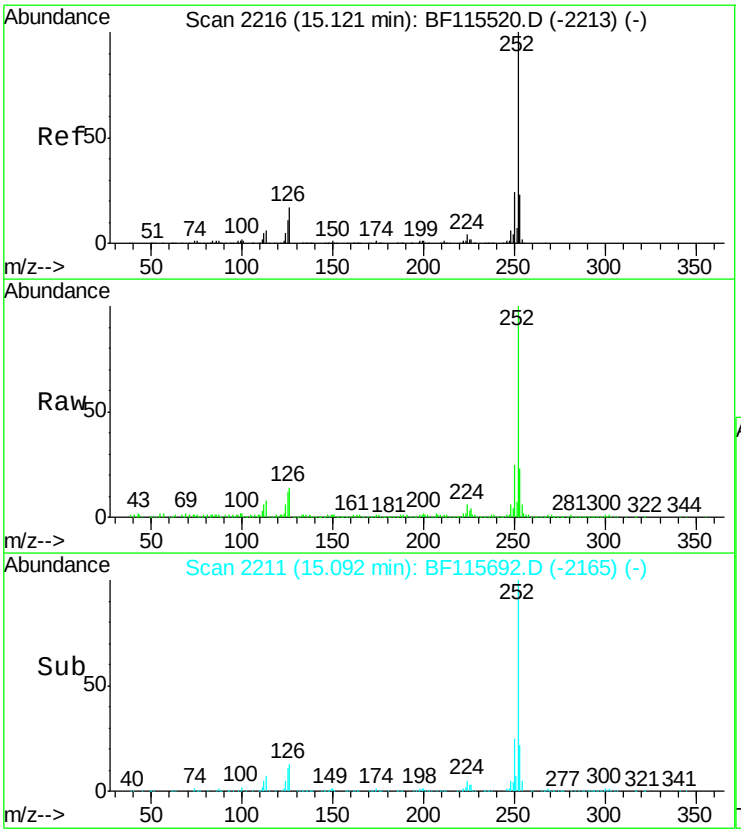
#88
Benzo(b)fluoranthene
Concen: 27.936 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 550474

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.7	9.0	13.4

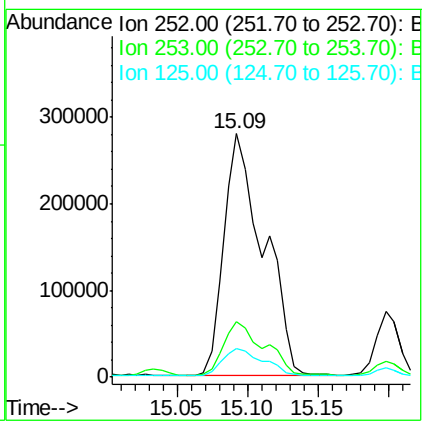


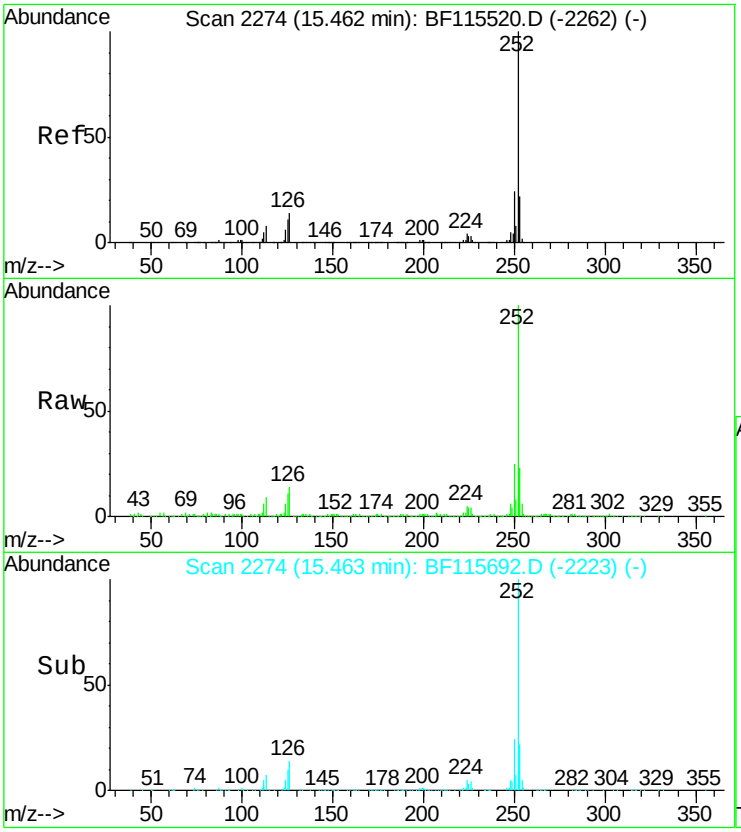


#89
Benzo(k)fluoranthene
Concen: 31.334 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:252 Resp: 550474

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	11.7	9.0	13.6



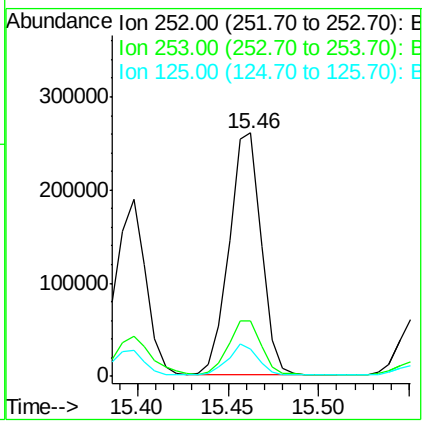


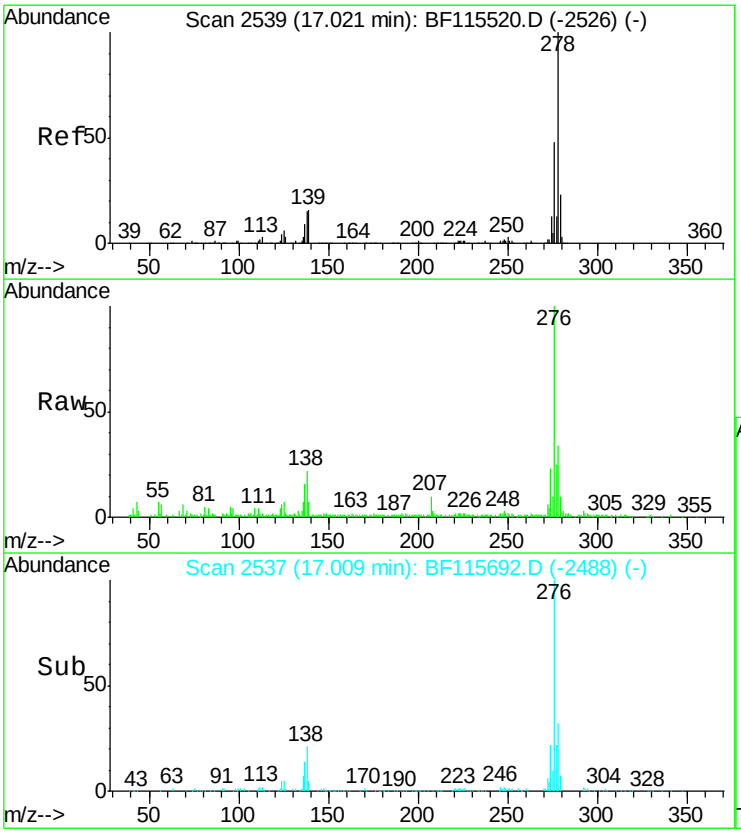
#90
Benzo(a)pyrene
Concen: 19.065 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 322886

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.2	9.1	13.7

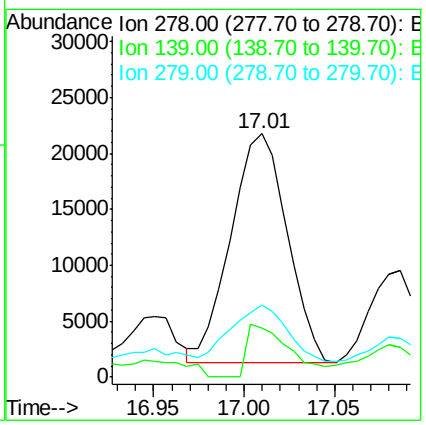


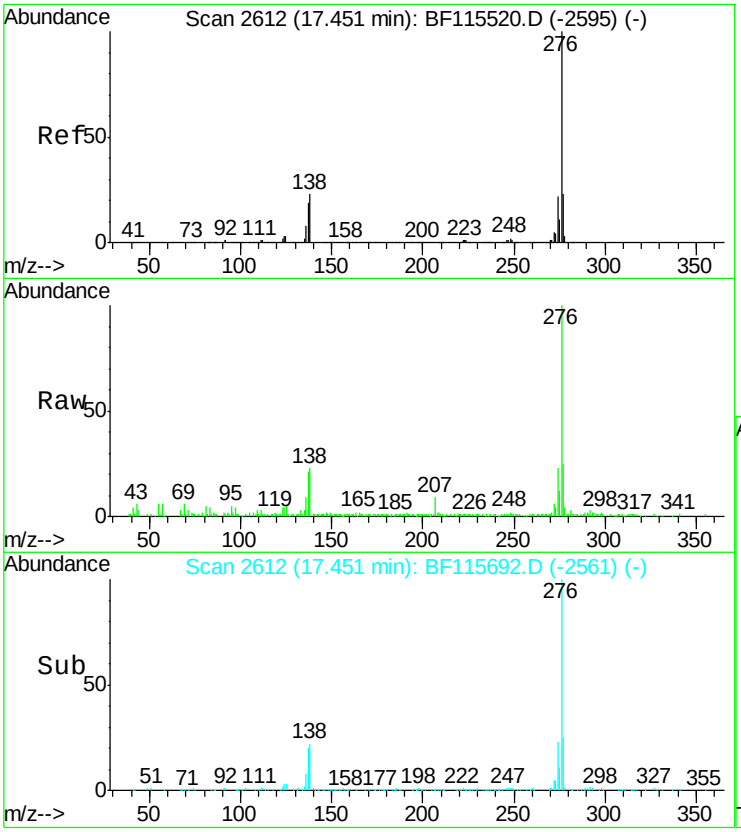


#91
Dibenzo(a,h)anthracene
Concen: 2.991 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Tgt Ion:278 Resp: 44470

Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.1	19.7#
279	29.4	19.6	29.4#





#92
Benzo(g,h,i)perylene
Concen: 9.876 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.00 min
Lab File: BF115692.D
Acq: 20 Jul 2019 00:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 146440

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.0	28.4
138	23.3	17.2	25.8