Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
Data File : BF117725.D
Acq On : 8 Nov 2019 00:28
Operator : JU
Sample : K5722-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-C

Quant Time: Nov 08 01:28:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	300090	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	1229219	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	587738	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1006191	20.00	ng		0.00
76) Chrysene-d12	14.12	240	733173	20.00	ng		0.00
87) Perylene-d12	15.63	264	907666	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1189342	71.74	ng		0.00
7) Phenol-d6	6.55	99	1571167	76.86	ng		-0.01
23) Nitrobenzene-d5	7.49	82	942585	45.27	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	359717	62.57	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	1822407	61.18	ng		0.00
79) Terphenyl-d14	13.06	244	1720137	48.30	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.56	94	53886	2.446	ng		97
19) n-Nitroso-di-n-propylamine	7.49	70	127258	9.468	ng	#	76
25) Isophorone	7.49	82	938297	23.562	ng	#	62
37) 2-Methylnaphthalene	8.93	142	83840	2.192	ng		96
50) Dimethylphthalate	9.69	163	227077	5.715	ng		98
51) 2,6-Dinitrotoluene	9.98	165	80061	8.998	ng	#	24
58) Fluorene	10.53	166	221502	6.691	ng		98
66) n-Nitrosodiphenylamine	10.64	169	87621	2.948	ng	#	65
71) Phenanthrene	11.50	178	2317859	48.060	ng		99
72) Anthracene	11.55	178	277194	5.777	ng		96
75) Fluoranthene	12.69	202	893746	18.149	ng		95
78) Pyrene	12.92	202	1353053	25.281	ng		98
81) Benzo(a)anthracene	14.11	228	517394	11.337	ng		100
83) Chrysene	14.15	228	509667	11.309	ng		97
86) Indeno(1,2,3-cd)pyrene	17.16	276	141553	3.375	ng		96
88) Benzo(b)fluoranthene	15.18	252	557111	9.745	ng	#	97
89) Benzo(k)fluoranthene	15.18	252	557111	10.927	ng		98
90) Benzo(a)pyrene	15.56	252	326836	6.595	ng		99
92) Benzo(g,h,i)perylene	17.62	276	144131	3.346	ng		98

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

Quantitation Report (Not Reviewed)

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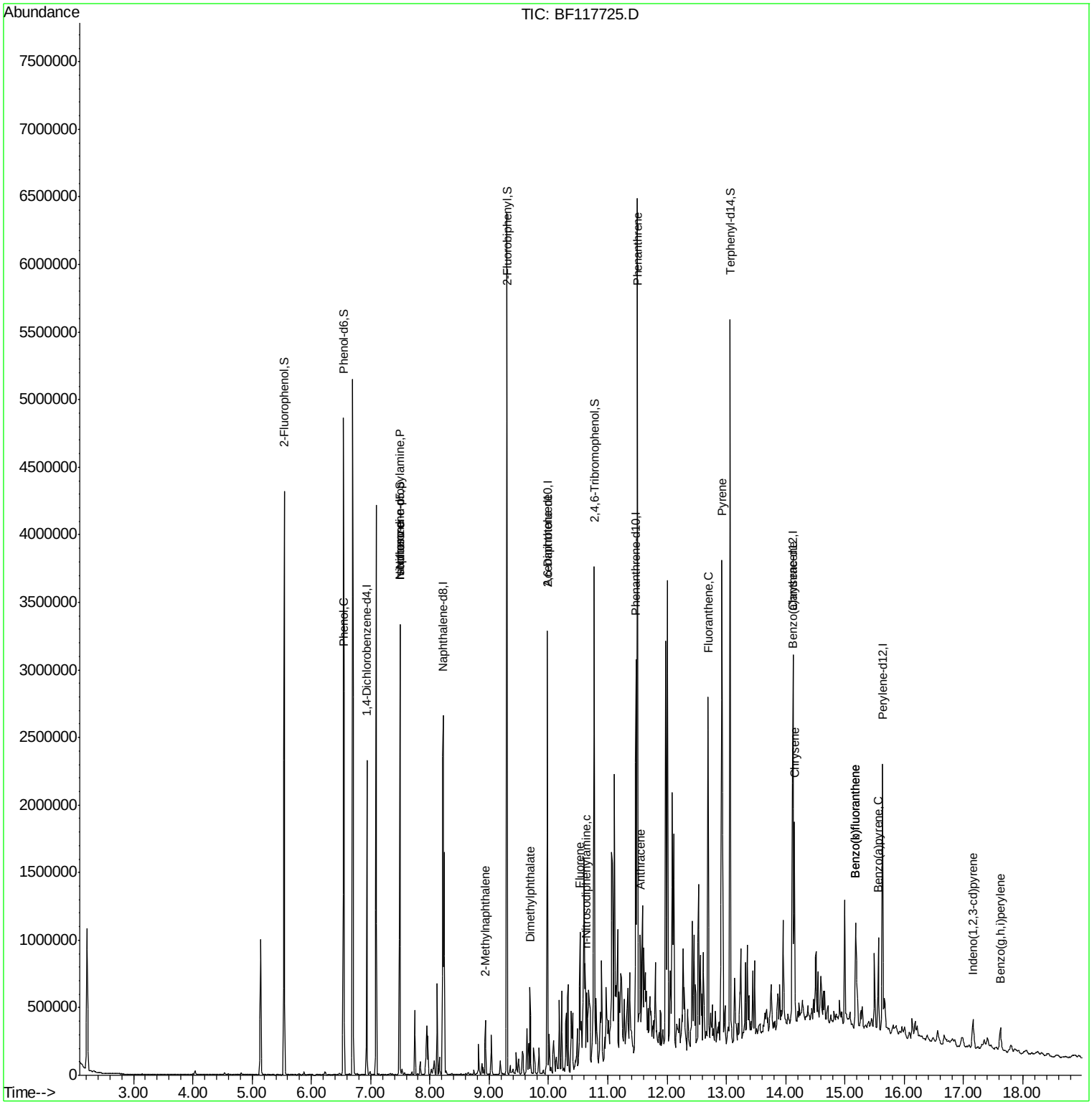
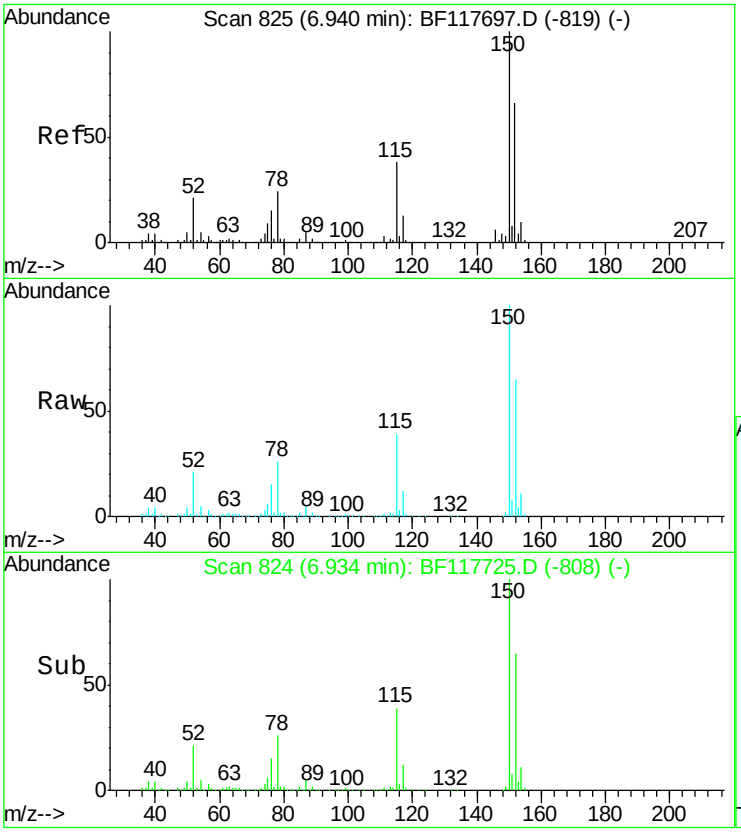


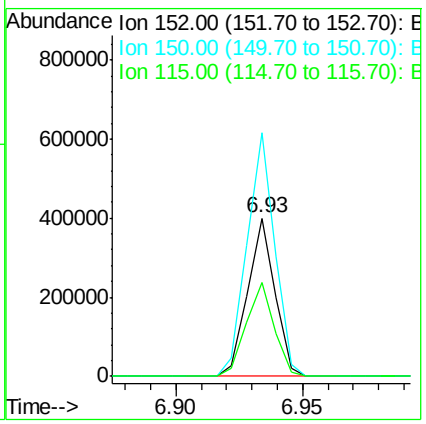


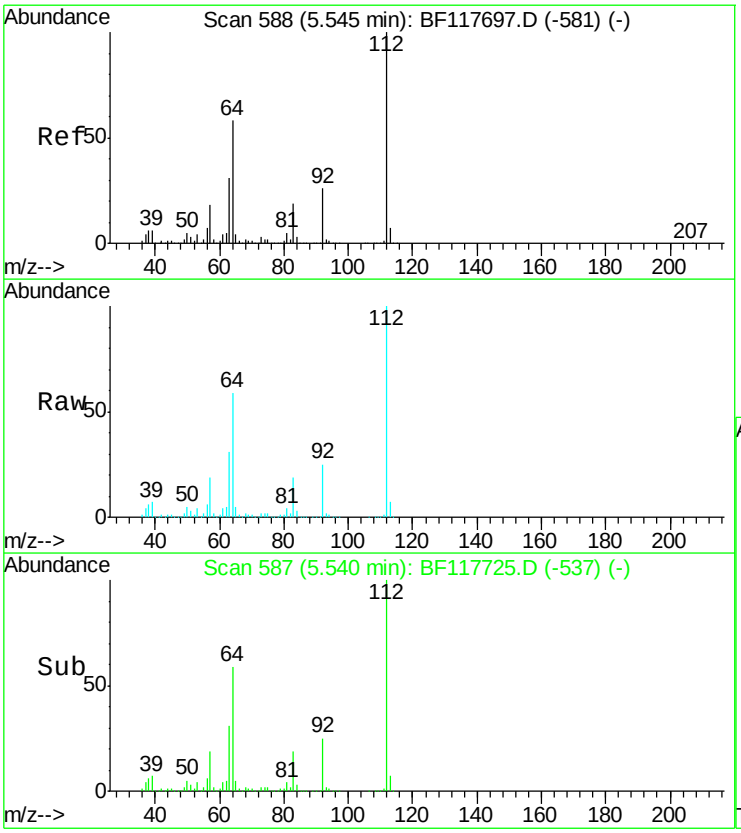
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:152 Resp: 300090

Ion	Ratio	Lower	Upper
152	100		
150	154.0	121.4	182.2
115	59.7	46.7	70.1

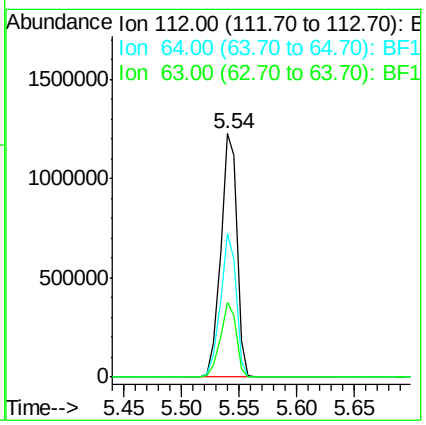


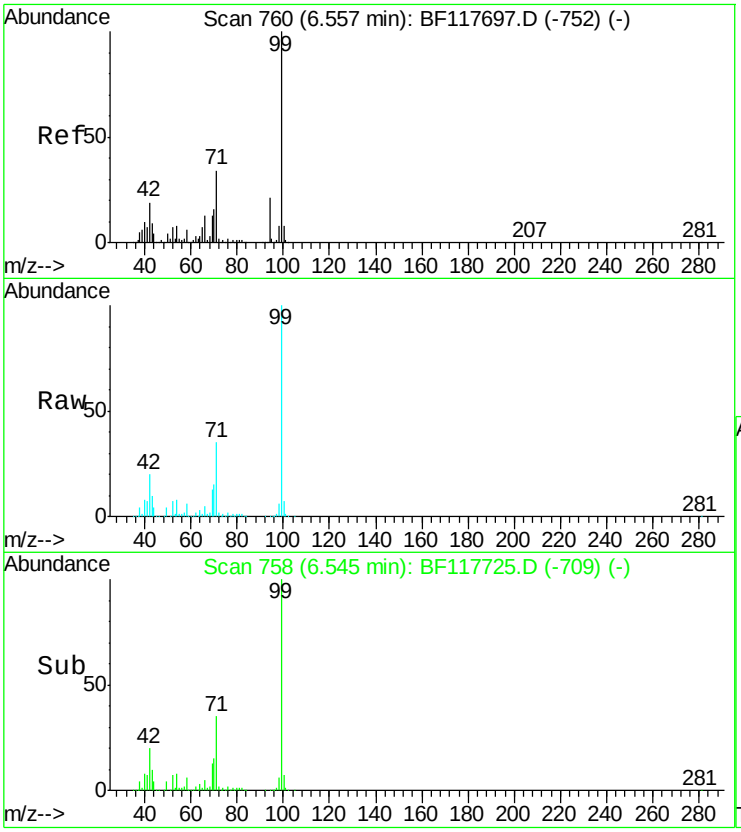


#5
2-Fluorophenol
Concen: 71.741 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:112 Resp: 1189342

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.4	69.6
63	30.9	24.6	37.0



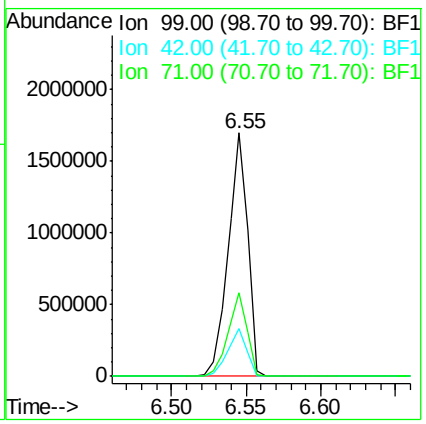


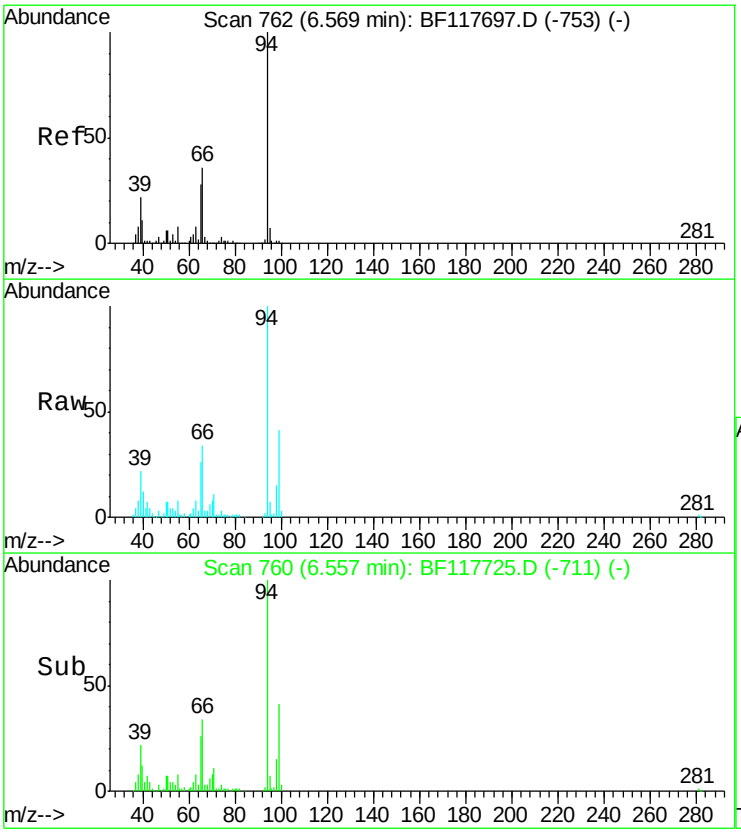
#7
Phenol-d6
Concen: 76.862 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion: 99 Resp: 1571167

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.3	22.9
71	34.6	26.8	40.2

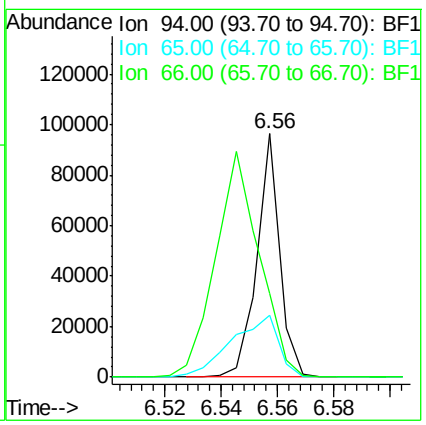


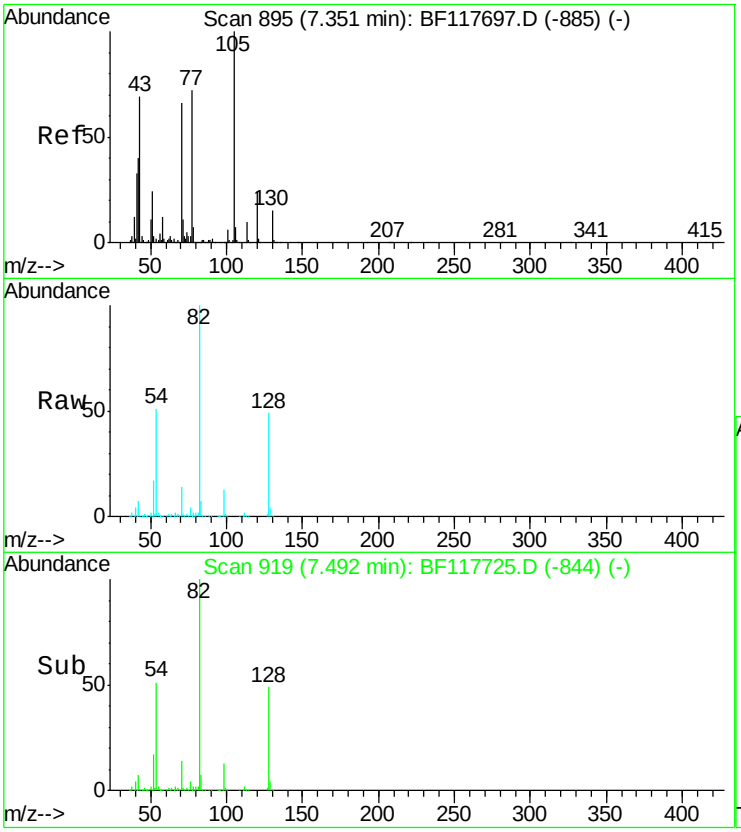


#10
Phenol
Concen: 2.446 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion: 94 Resp: 53886

Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.6	47.6
66	34.5	16.1	56.1



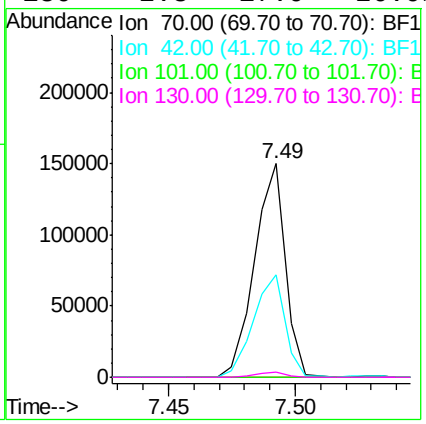


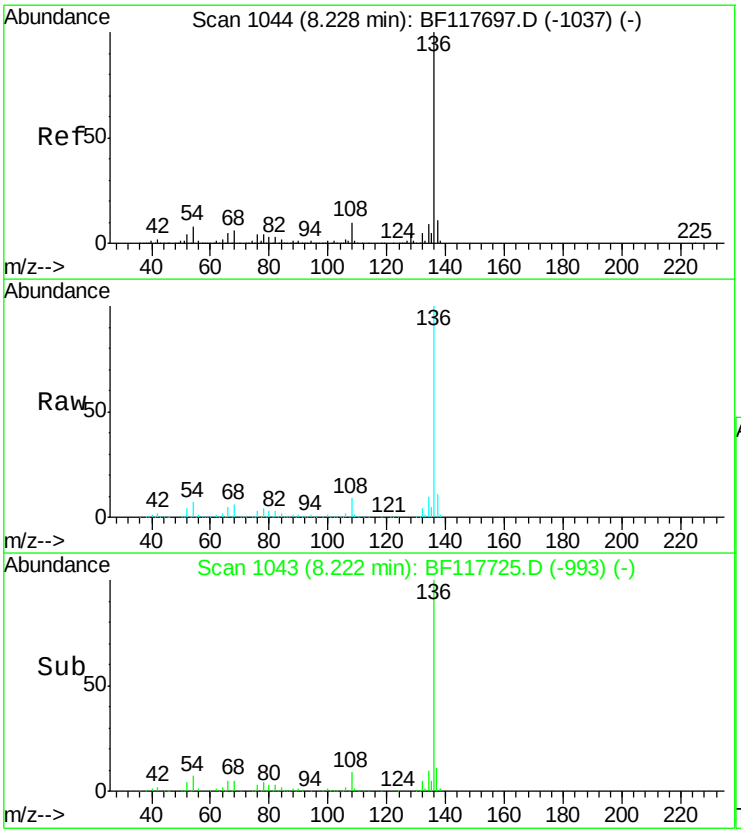
#19
n-Nitroso-di-n-propylamine
Concen: 9.468 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.14 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion: 70 Resp: 127258

Ion	Ratio	Lower	Upper
70	100		
42	48.2	49.1	73.7#
101	0.0	7.8	11.8#
130	2.3	17.9	26.9#

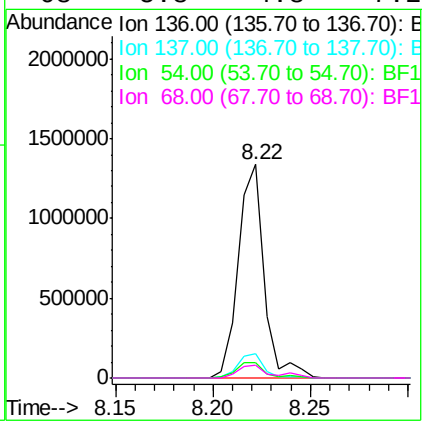


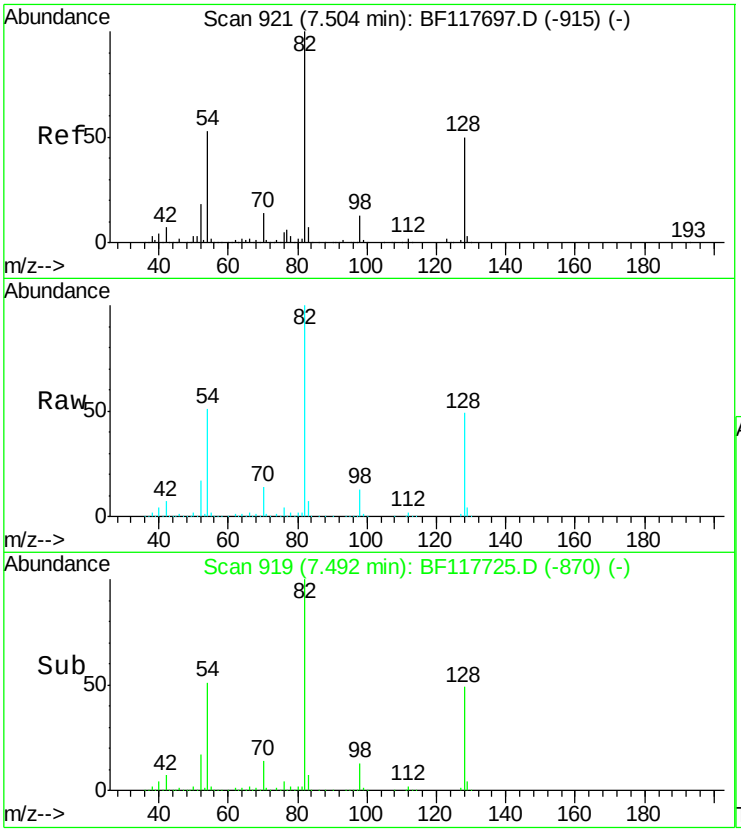


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:136 Resp: 1229219

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.3	6.0	9.0
68	5.8	4.8	7.2



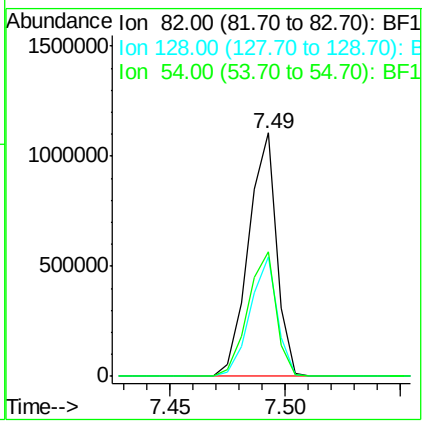


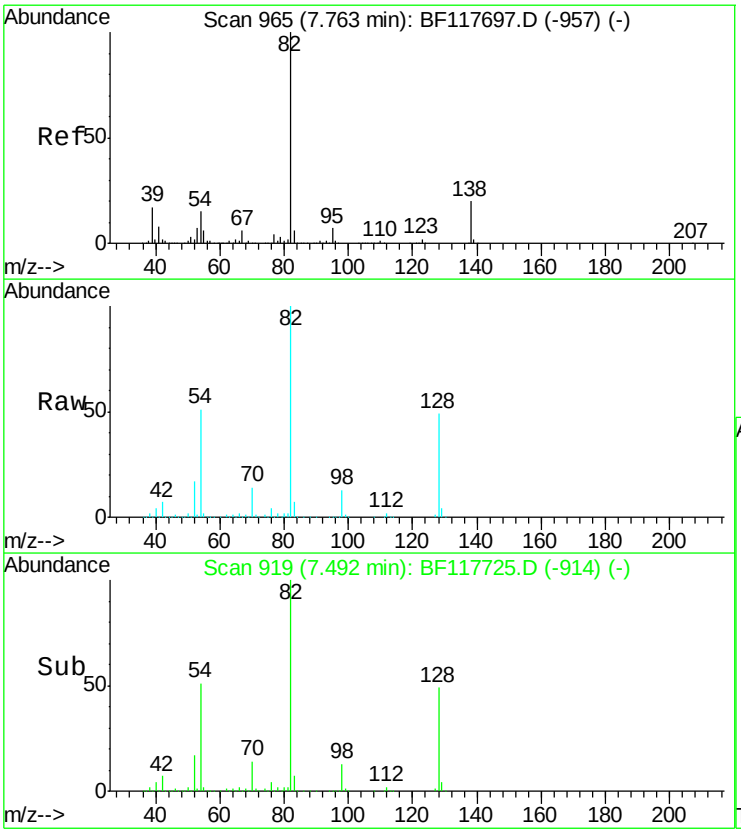
#23
Nitrobenzene-d5
Concen: 45.272 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion: 82 Resp: 942585

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.2	60.2
54	51.2	42.0	63.0

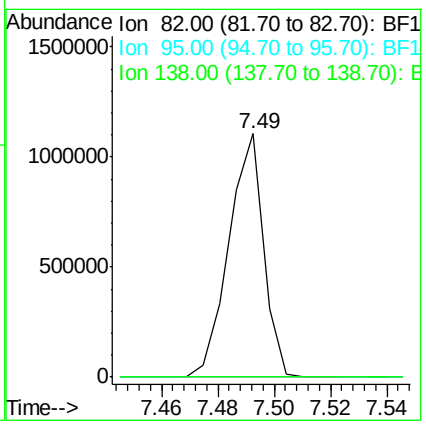


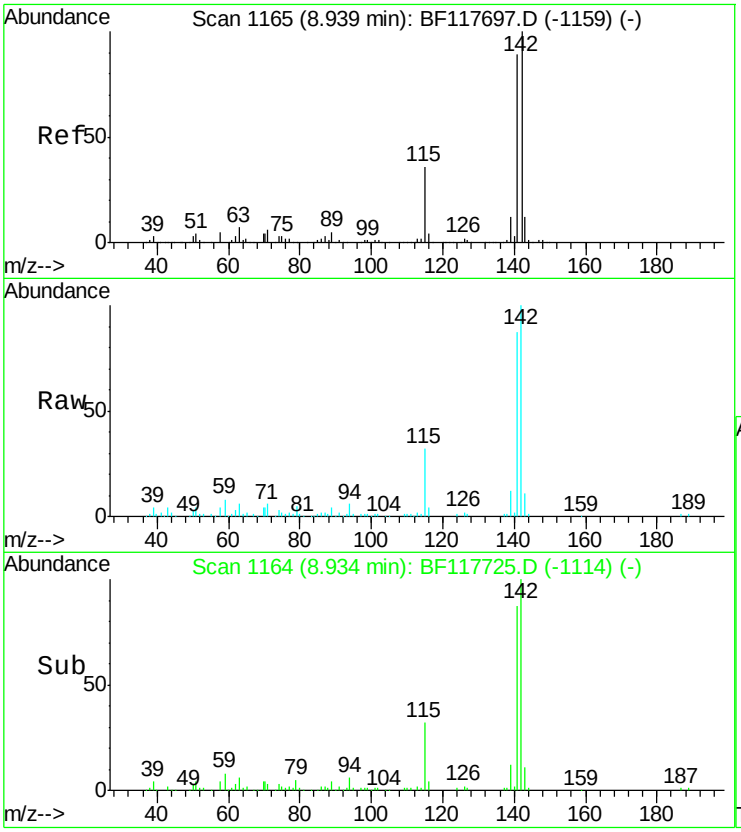


#25
Isophorone
Concen: 23.562 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.27 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion: 82 Resp: 938297

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	16.2	24.2#



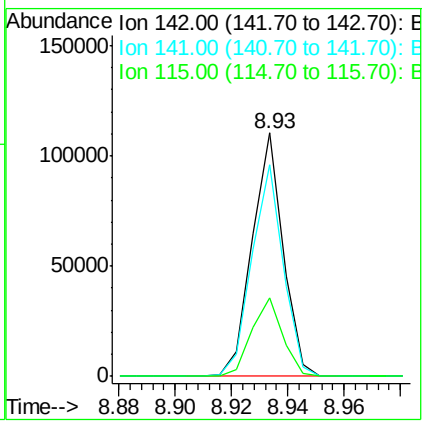


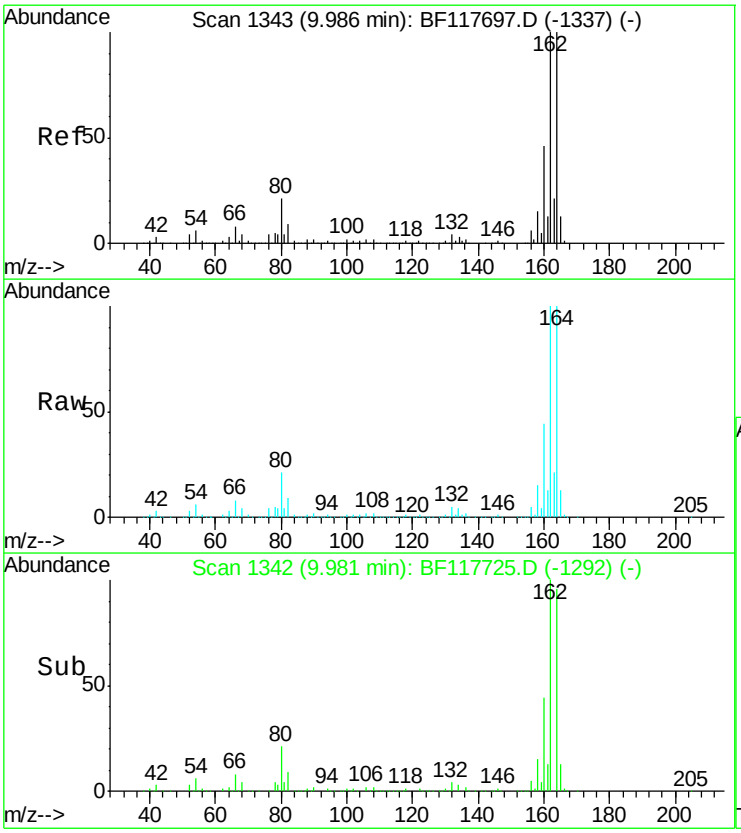
#37
2-Methylnaphthalene
Concen: 2.192 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:142 Resp: 83840

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.5	107.3
115	32.1	28.9	43.3

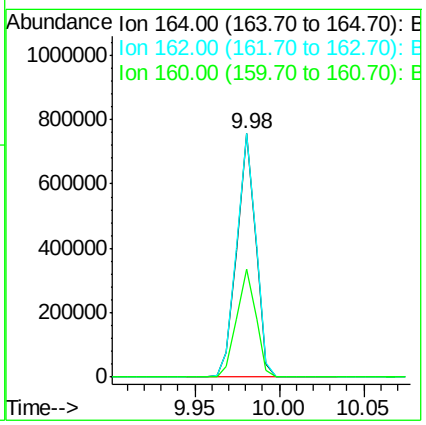


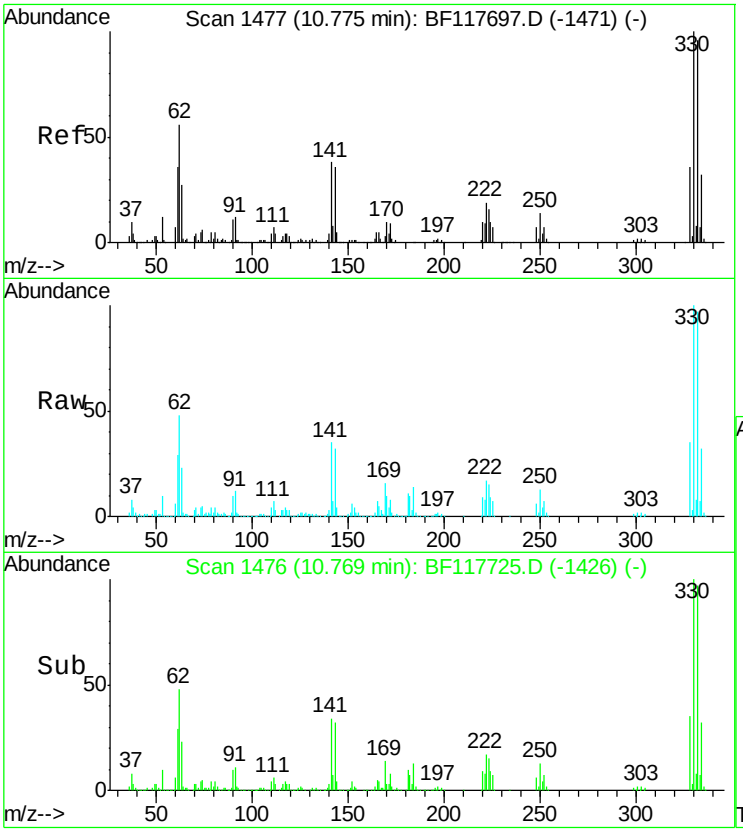


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:164 Resp: 587738

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.7	119.5
160	44.3	36.5	54.7



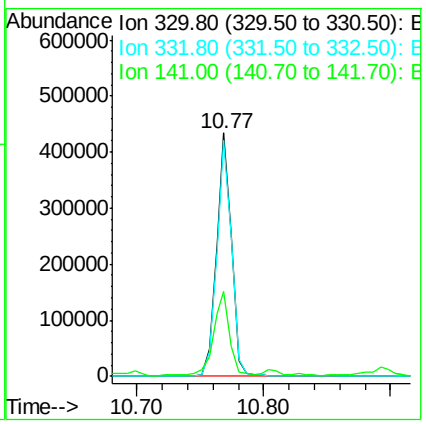


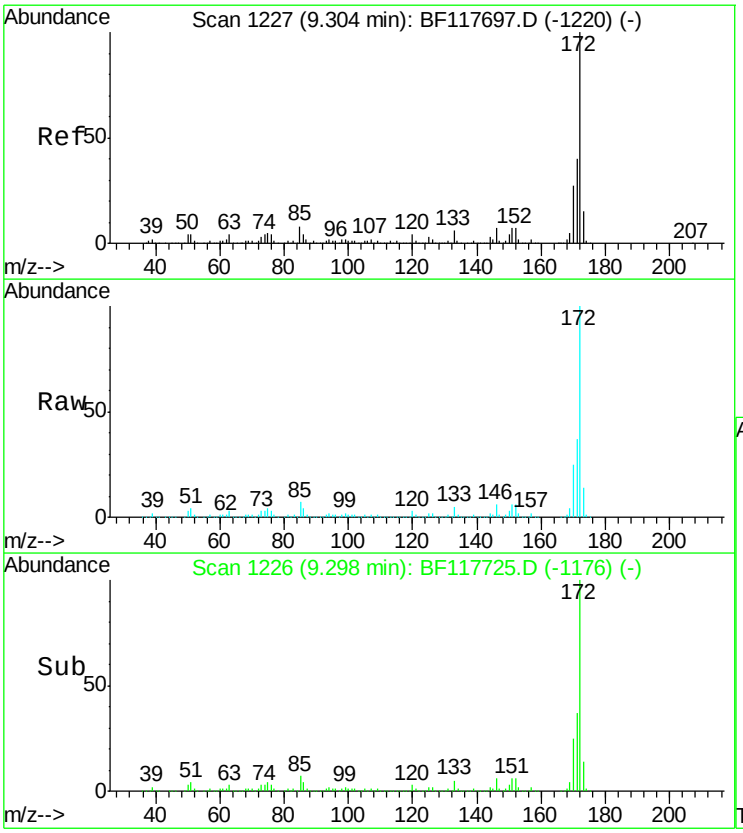
#42
2,4,6-Tribromophenol
Concen: 62.566 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:330 Resp: 359717

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	37.2	28.0	42.0

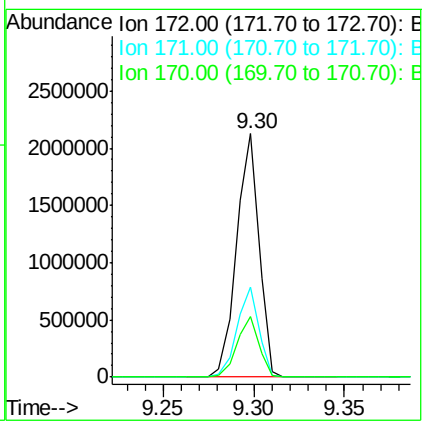


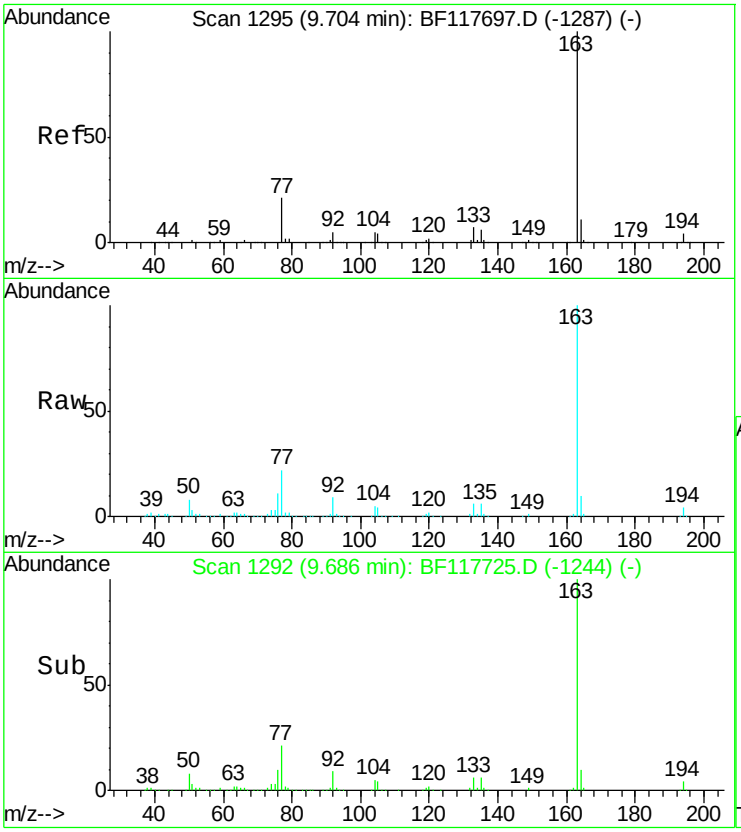


#45
2-Fluorobiphenyl
Concen: 61.177 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:172 Resp: 1822407

Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.8	47.8
170	25.1	21.6	32.4



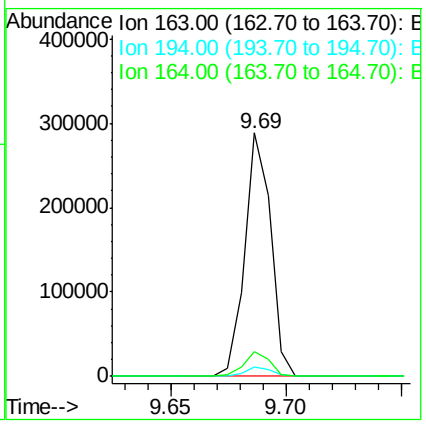


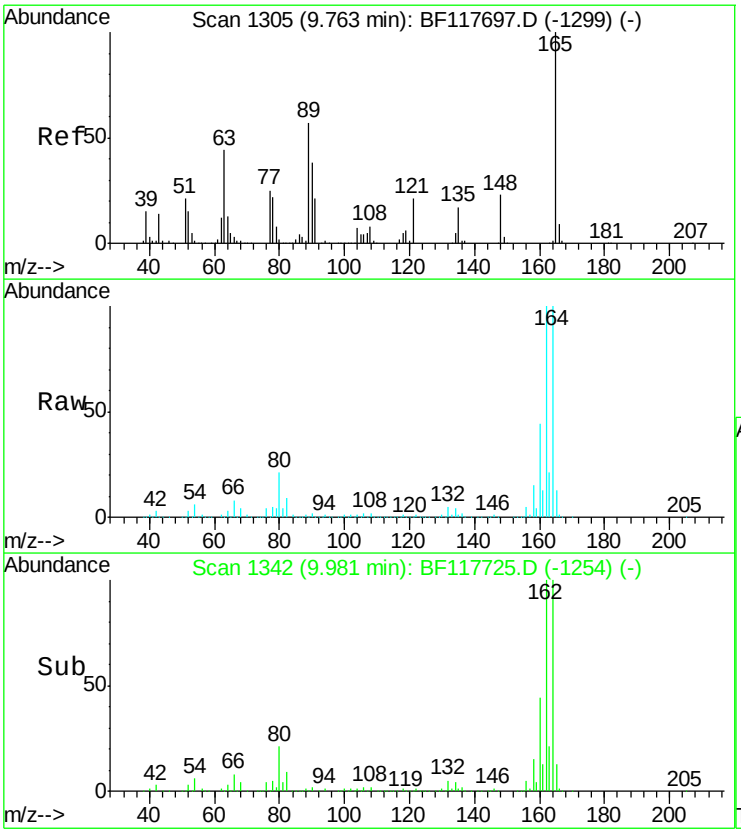
#50
Dimethylphthalate
Concen: 5.715 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:163 Resp: 227077

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.9	13.3

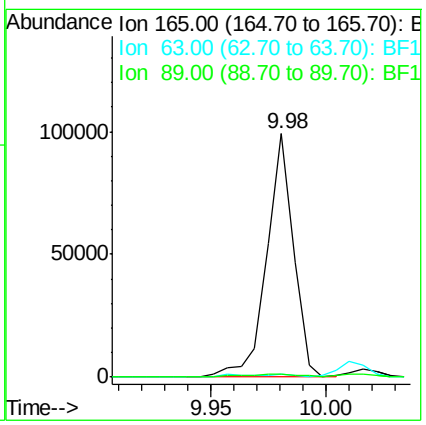


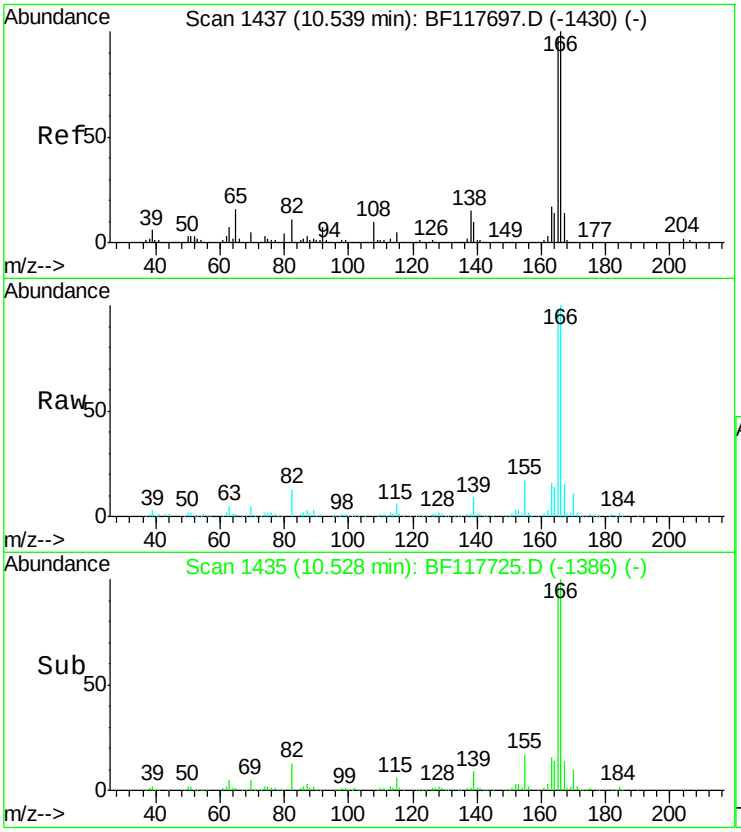


#51
2,6-Dinitrotoluene
Concen: 8.998 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.22 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:165 Resp: 80061

Ion	Ratio	Lower	Upper
165	100		
63	1.1	45.6	68.4#
89	1.1	45.8	68.6#



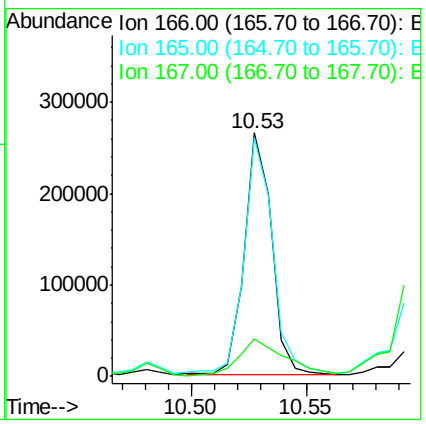


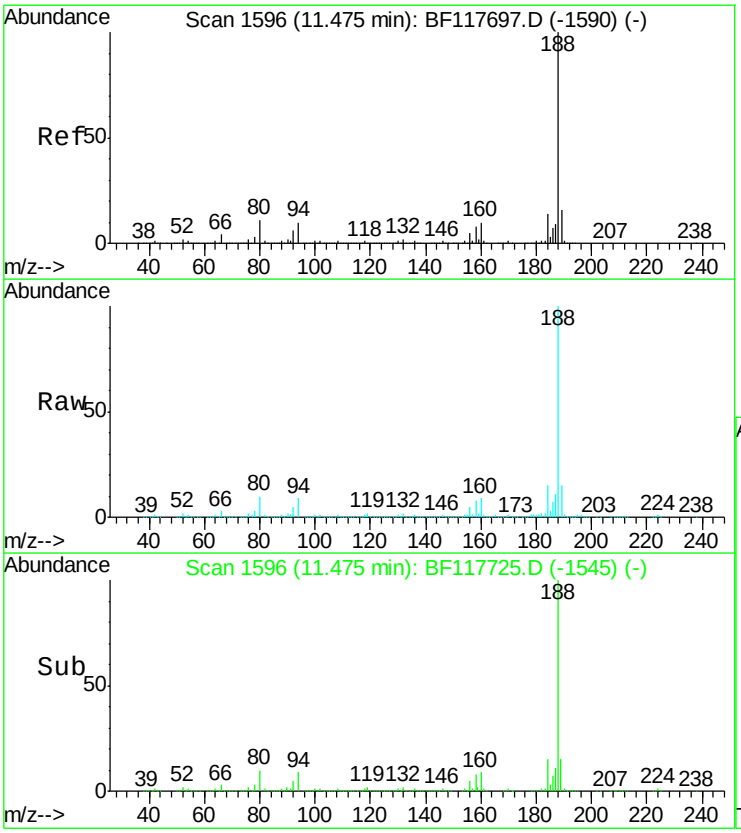
#58
Fluorene
Concen: 6.691 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:166 Resp: 221502

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.4	116.0
167	15.5	11.0	16.4

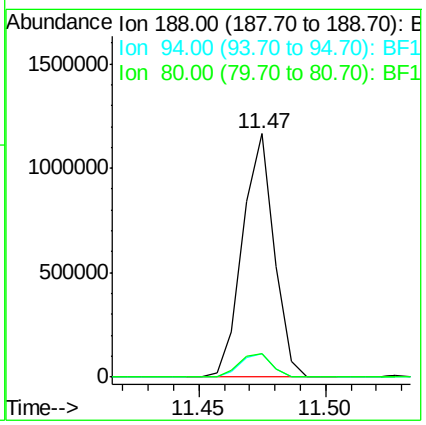


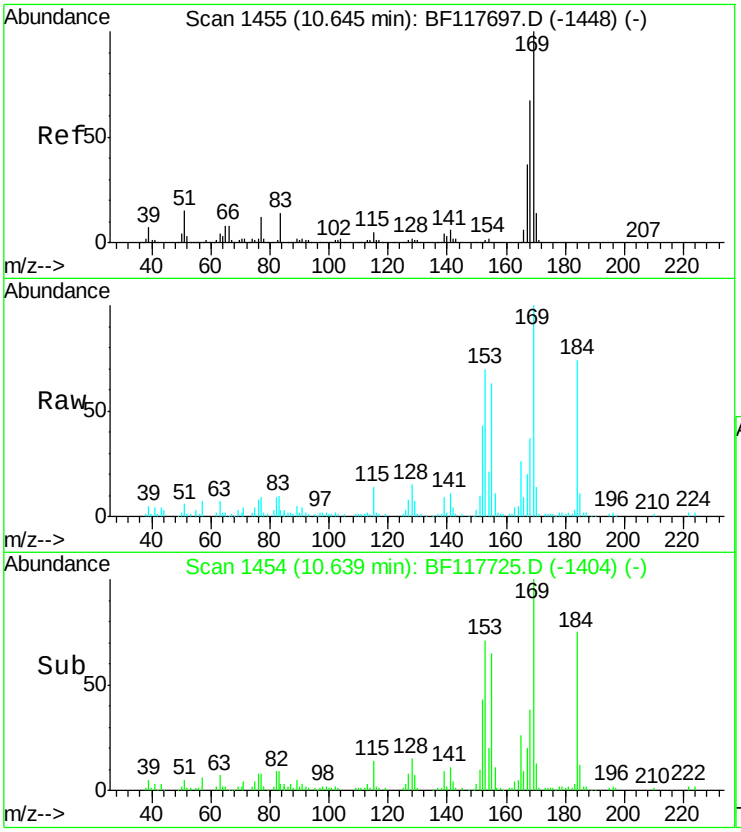


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:188 Resp: 1006191

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	9.6	8.6	13.0



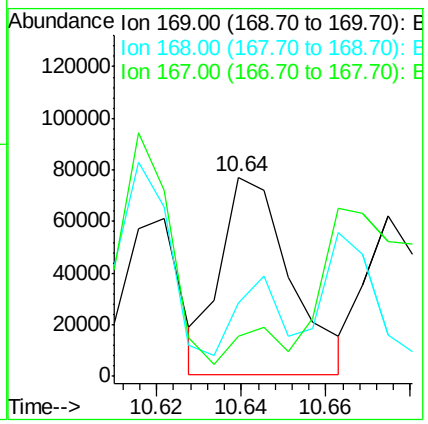


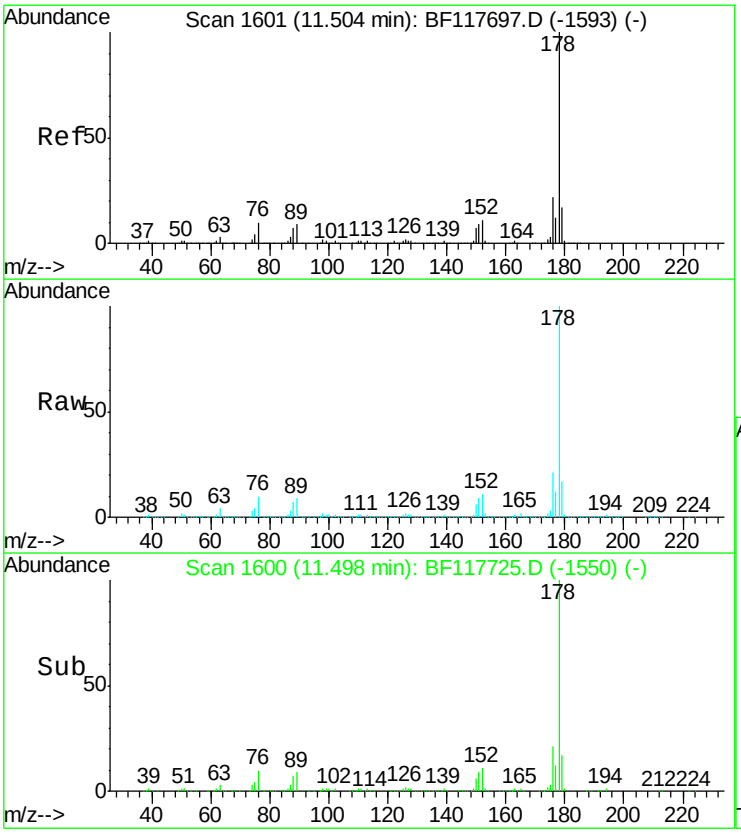
#66
n-Nitrosodiphenylamine
Concen: 2.948 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:169 Resp: 87621

Ion	Ratio	Lower	Upper
169	100		
168	36.7	53.8	80.8#
167	20.4	29.9	44.9#

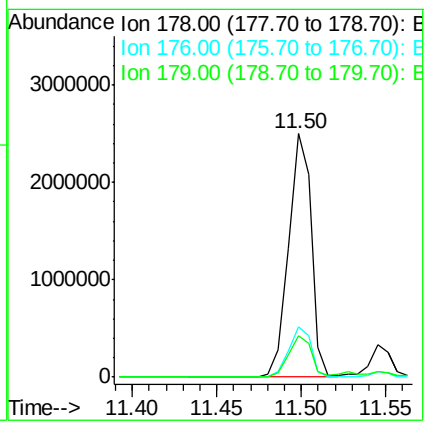


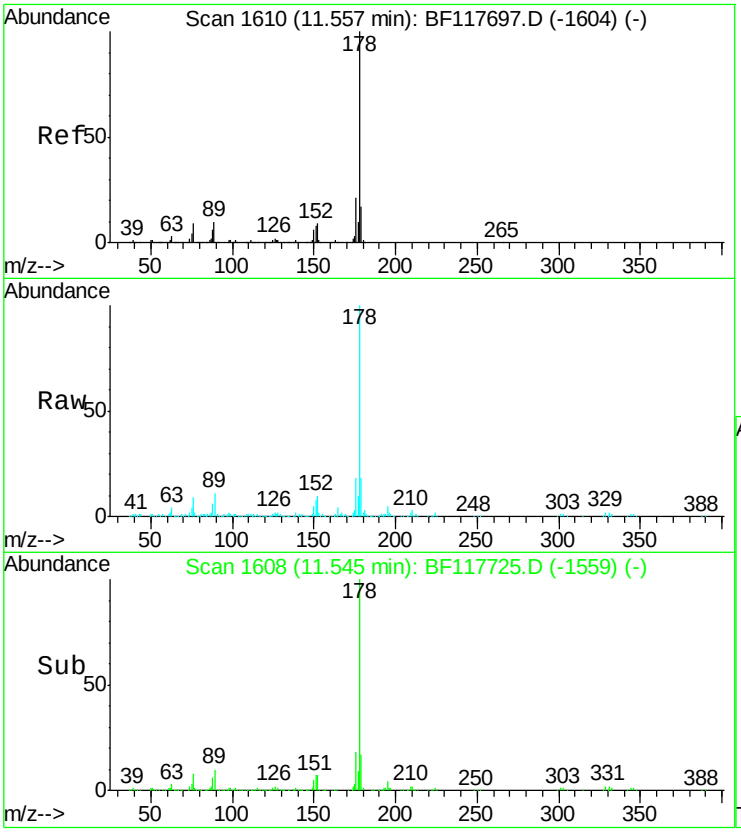


#71
Phenanthrene
Concen: 48.060 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:178 Resp: 2317859

Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.7	26.5
179	17.3	13.8	20.8



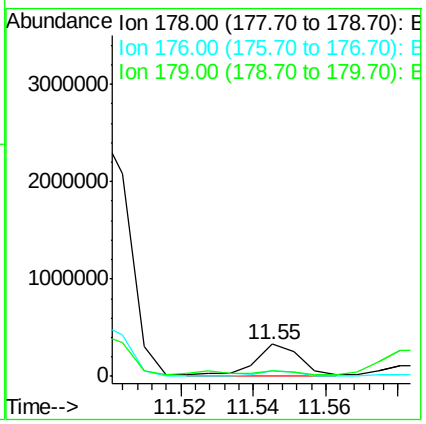


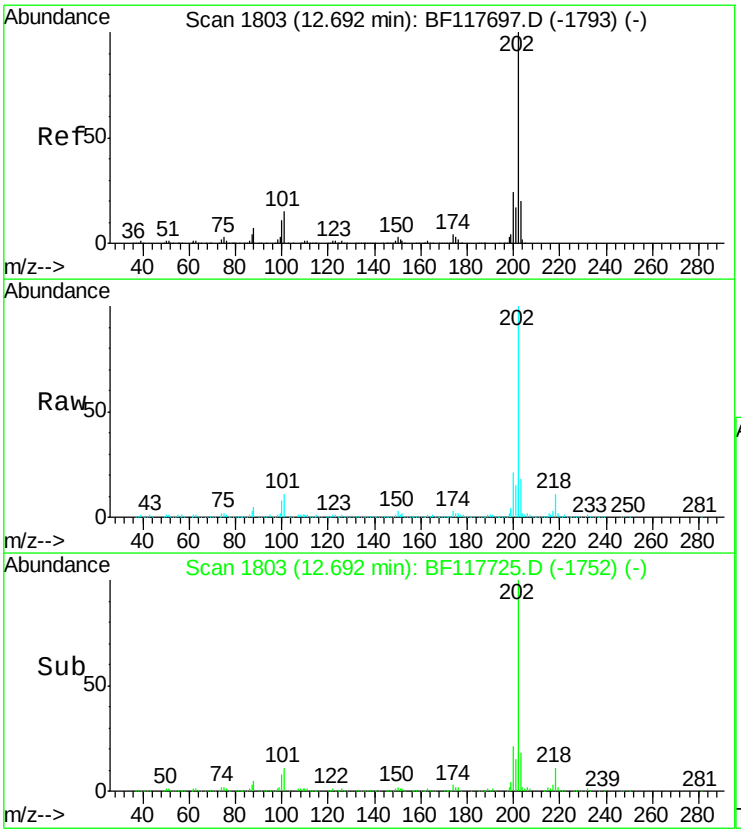
#72
Anthracene
Concen: 5.777 ng
RT: 11.55 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:178 Resp: 277194

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.6	25.0
179	17.7	13.5	20.3

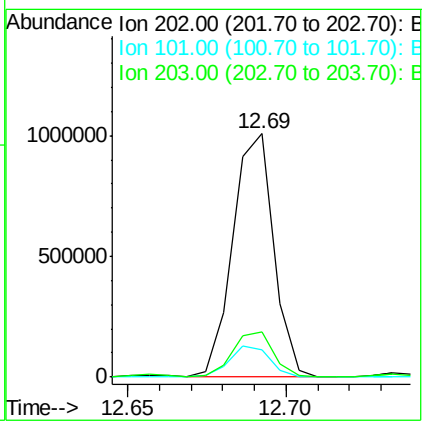


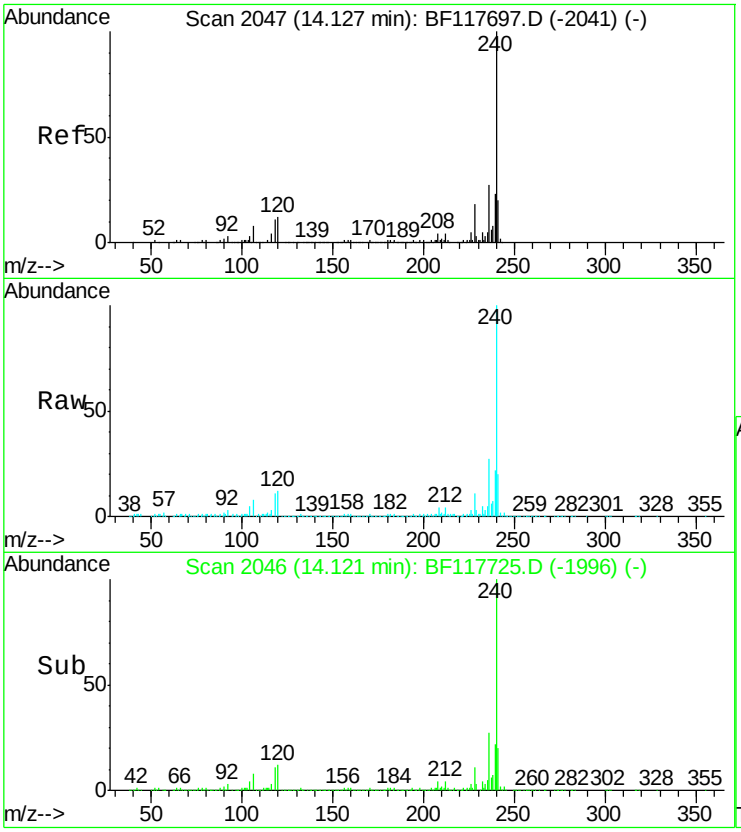


#75
Fluoranthene
Concen: 18.149 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:202 Resp: 893746

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.5
203	18.5	0.0	39.8



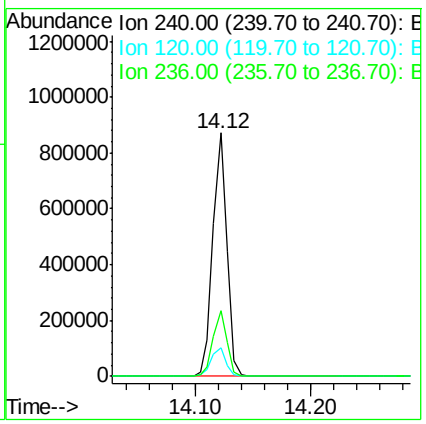


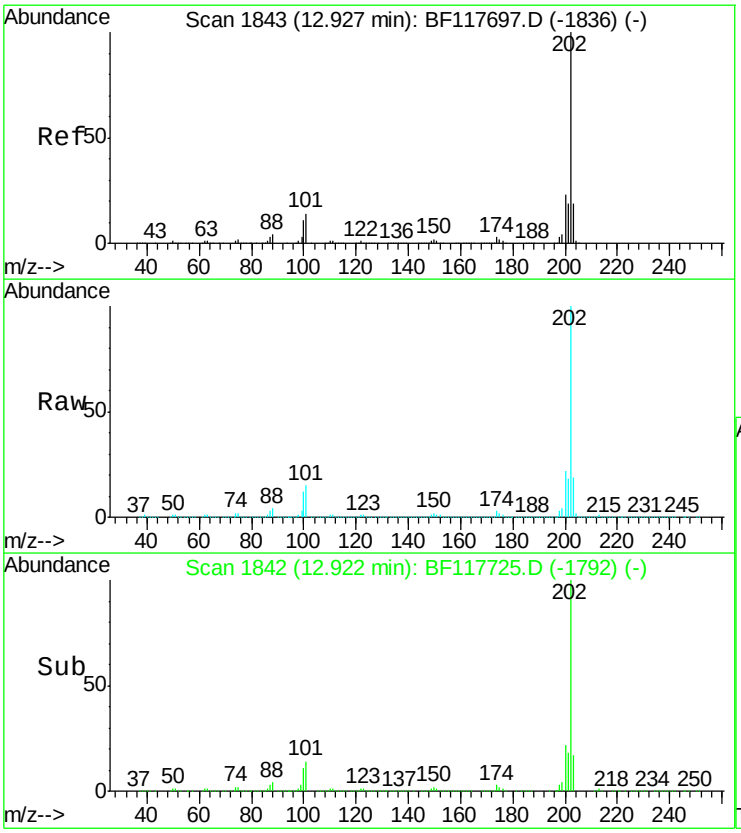
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:240 Resp: 733173

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.7	14.5
236	26.9	21.9	32.9

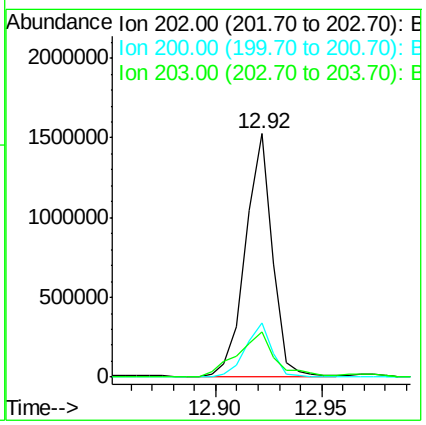


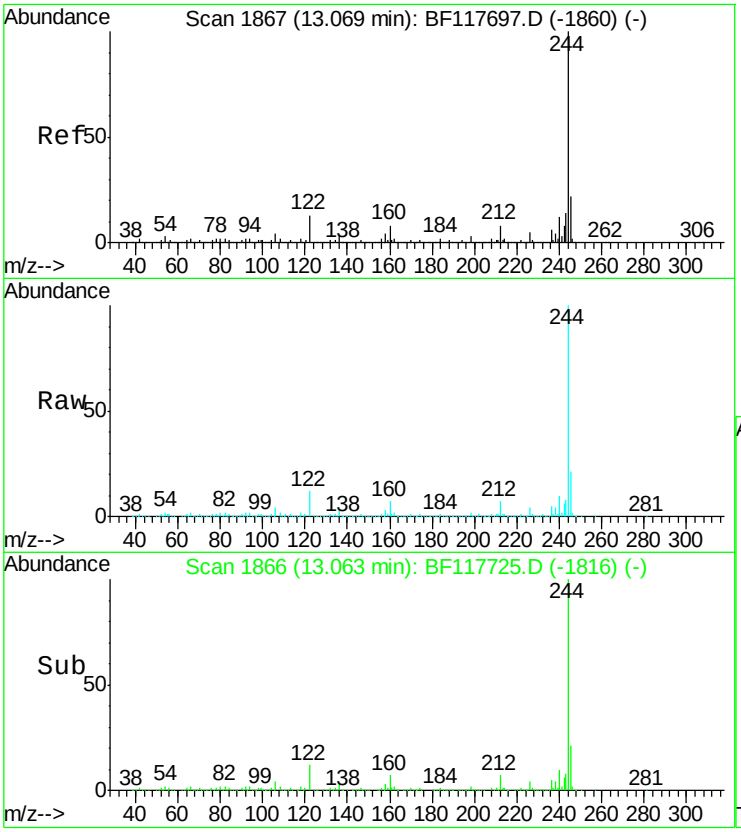


#78
Pyrene
Concen: 25.281 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:202 Resp: 1353053

Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.8	28.2
203	18.7	15.2	22.8



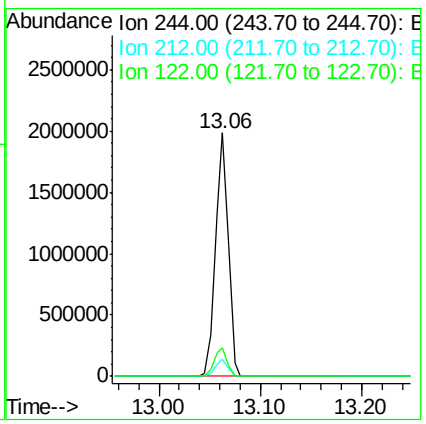


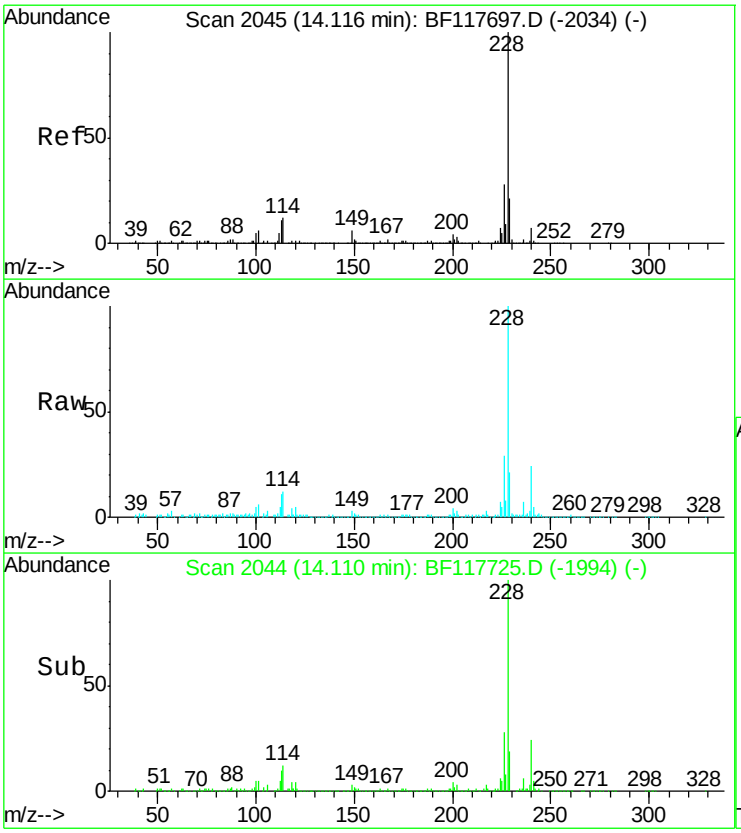
#79
Terphenyl-d14
Concen: 48.298 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:244 Resp: 1720137

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.4	9.6
122	11.8	10.0	15.0

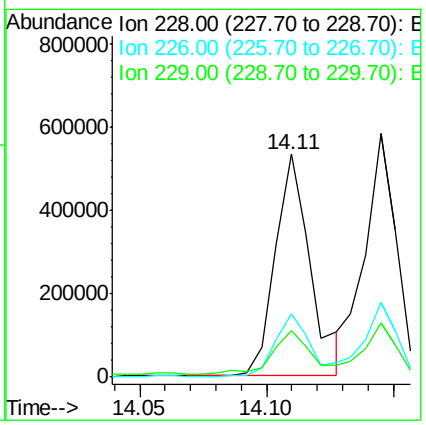


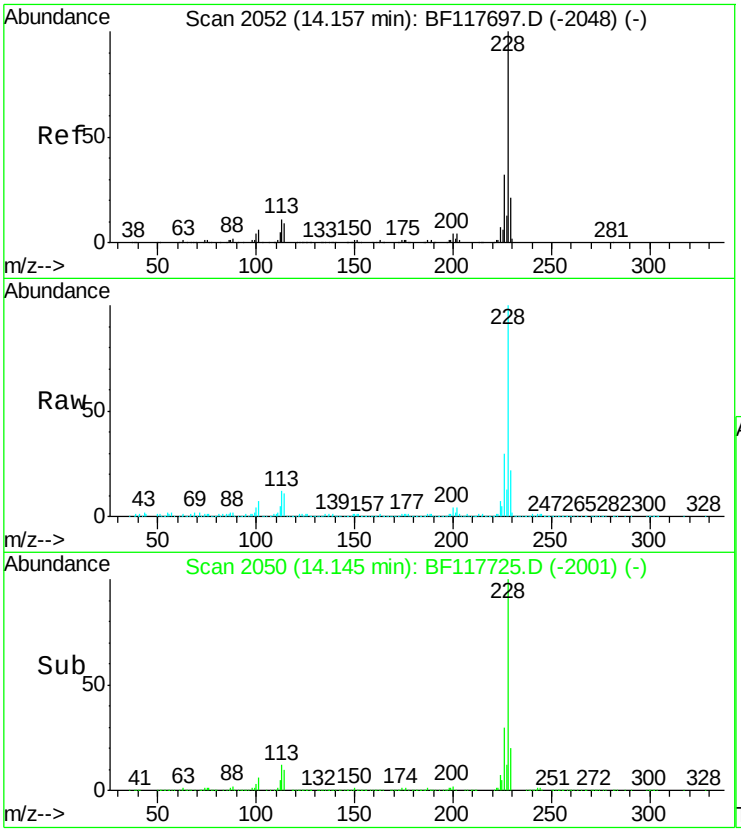


#81
Benzo(a)anthracene
Concen: 11.337 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:228 Resp: 517394

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.8	34.2
229	20.8	16.9	25.3



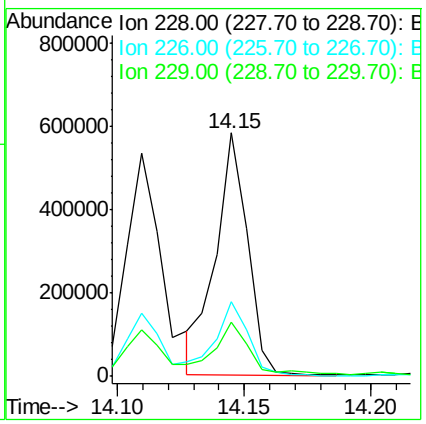


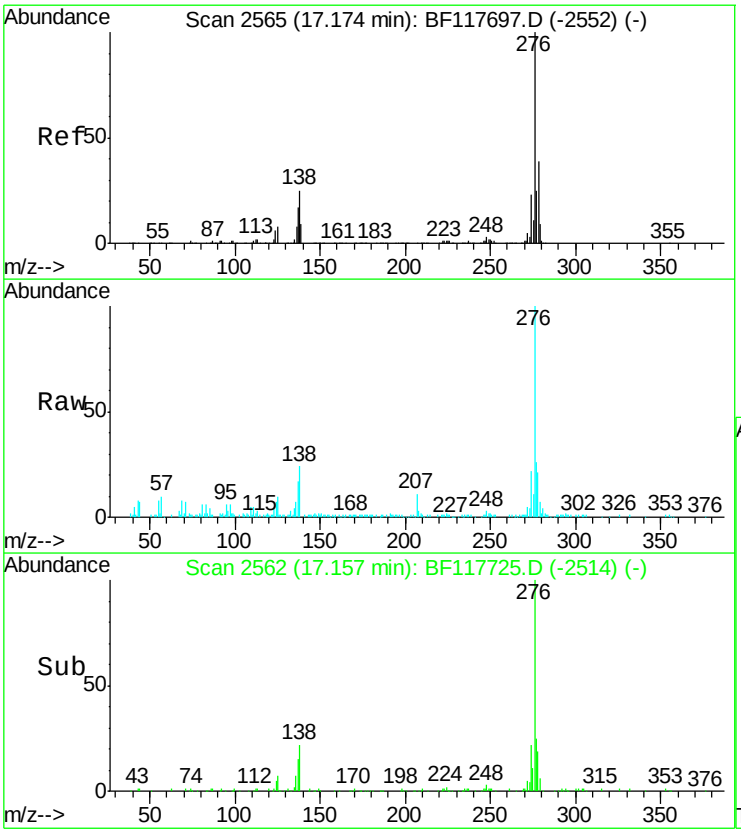
#83
Chrysene
Concen: 11.309 ng
RT: 14.15 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:228 Resp: 509667

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	22.1	16.6	24.8

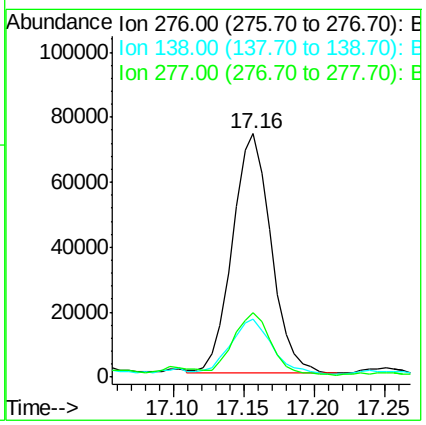


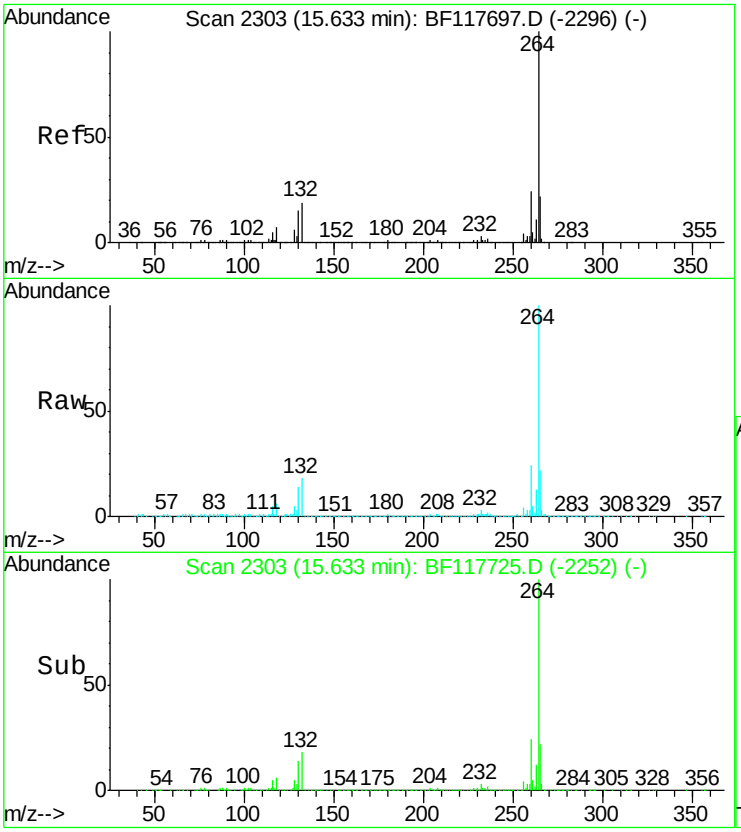


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.375 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.02 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:276 Resp: 141553

Ion	Ratio	Lower	Upper
276	100		
138	24.3	22.4	33.6
277	25.5	20.6	30.8



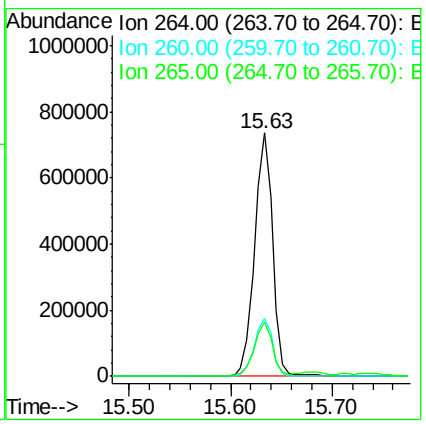


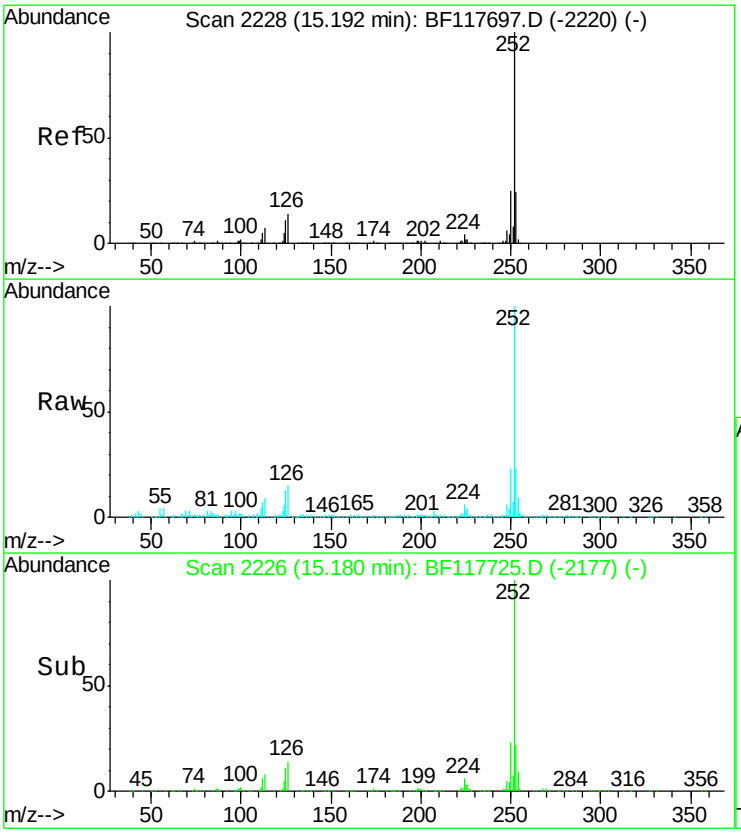
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:264 Resp: 907666

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.0	17.7	26.5

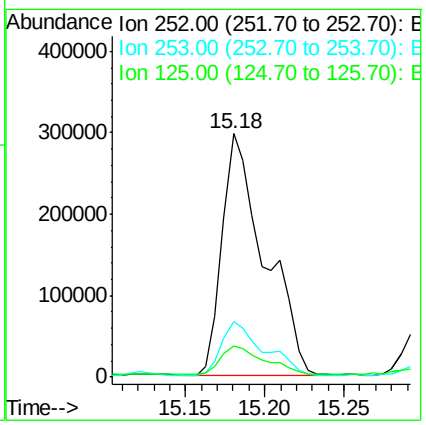


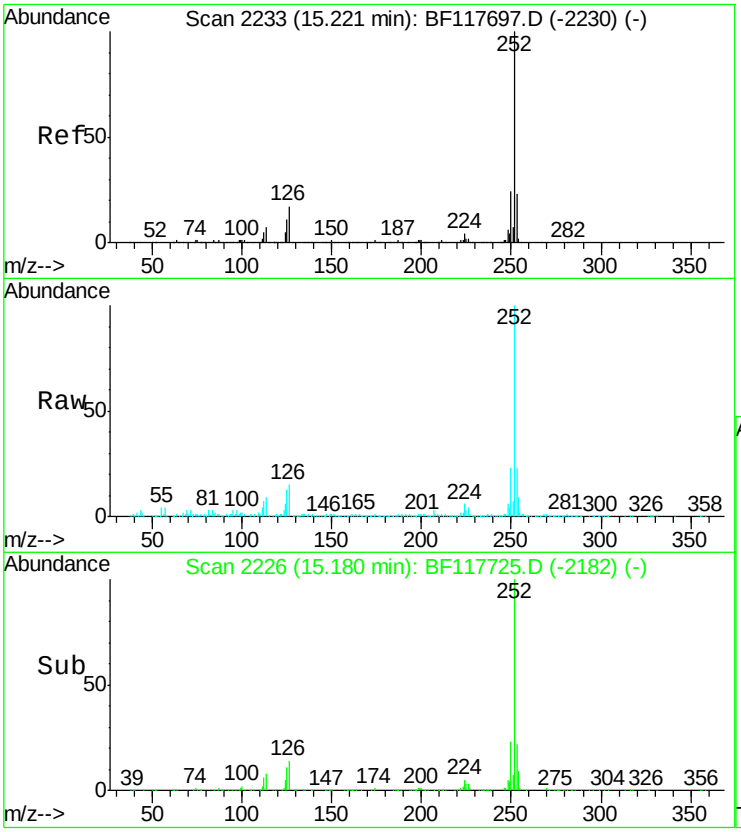


#88
Benzo(b)fluoranthene
Concen: 9.745 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:252 Resp: 557111

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.9	28.3
125	12.8	8.5	12.7#



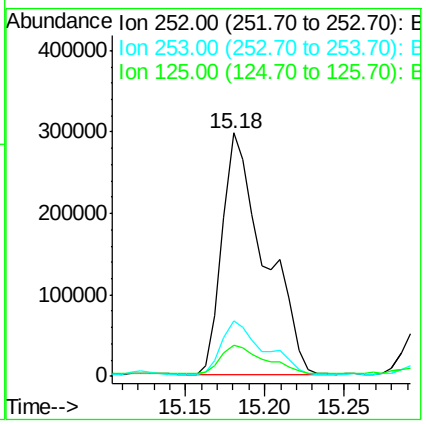


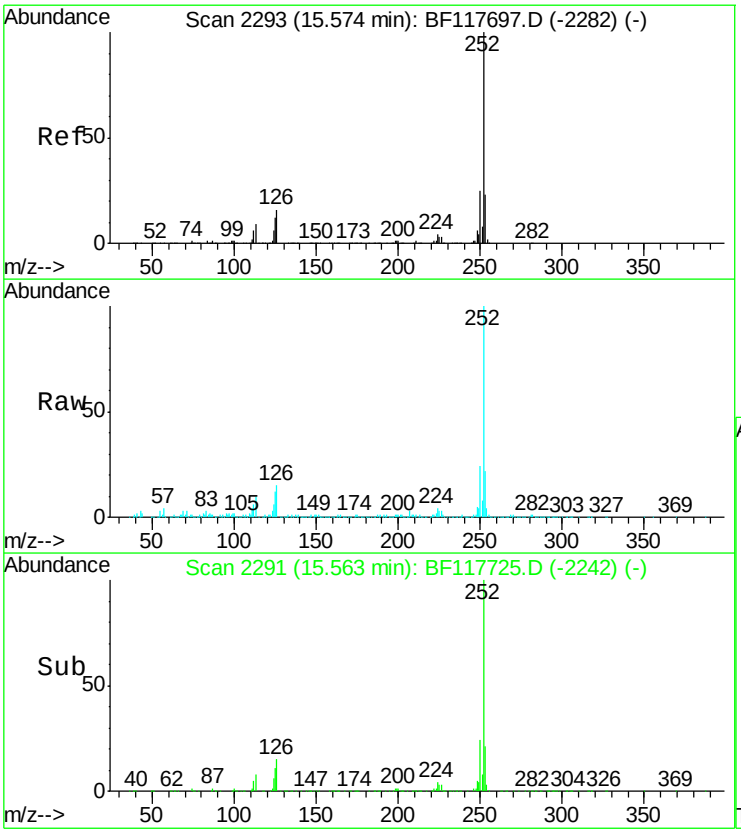
#89
Benzo(k)fluoranthene
Concen: 10.927 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.04 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:252 Resp: 557111

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	12.8	9.1	13.7

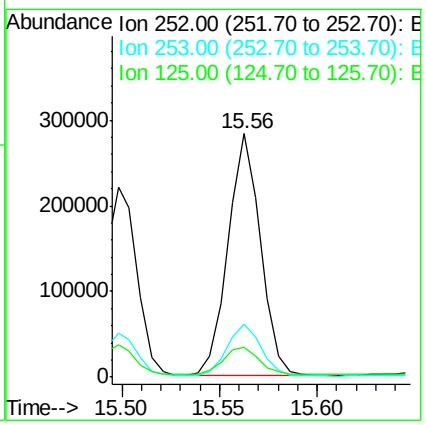


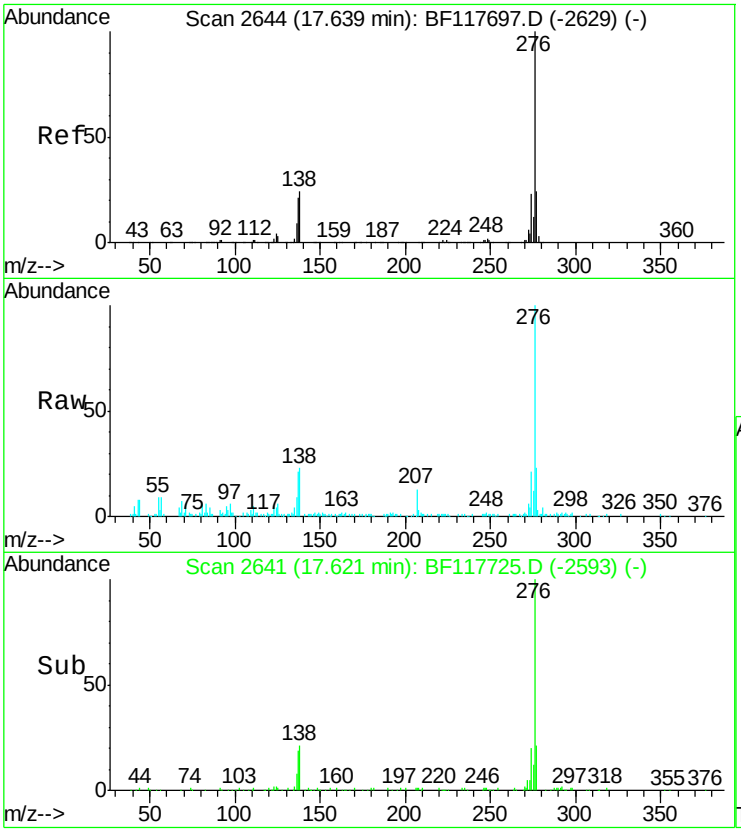


#90
Benzo(a)pyrene
Concen: 6.595 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Tgt Ion:252 Resp: 326836

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	12.1	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 3.346 ng
RT: 17.62 min Scan# 2641
Delta R.T. -0.02 min
Lab File: BF117725.D
Acq: 8 Nov 2019 00:28

Instrument :
BNA_F
ClientSampleId :
6-C

Tgt Ion:276 Resp: 144131

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	23.3	19.2	28.8