Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
Data File : BF117741.D
Acq On : 8 Nov 2019 19:50
Operator : JU
Sample : K5722-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-A

Quant Time: Nov 09 01:24:54 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	345349	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	1351327	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	747926	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	1398317	20.00	ng		0.00
76) Chrysene-d12	14.12	240	838104	20.00	ng		-0.01
87) Perylene-d12	15.62	264	844084	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1714226	89.85	ng		0.00
7) Phenol-d6	6.55	99	2224139	94.55	ng		-0.01
23) Nitrobenzene-d5	7.49	82	1353644	59.14	ng		-0.02
42) 2,4,6-Tribromophenol	10.77	330	676993	92.53	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2311210	60.97	ng		-0.01
79) Terphenyl-d14	13.06	244	2524644	62.01	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.56	94	66520	2.624	ng		96
19) n-Nitroso-di-n-propylamine	7.49	70	187443	12.118	ng	#	77
25) Isophorone	7.49	82	1349083	30.817	ng	#	62
49) Acenaphthylene	9.83	152	142648	2.253	ng		97
50) Dimethylphthalate	9.68	163	283958	5.616	ng		98
57) 2,4-Dinitrotoluene	9.97	165	100482	6.918	ng	#	28
67) 4-Bromophenyl-phenylether	10.77	248	43823	2.870	ng	#	1
71) Phenanthrene	11.49	178	1026372	15.314	ng		96
72) Anthracene	11.54	178	187034	2.805	ng		95
75) Fluoranthene	12.69	202	2446880	35.754	ng		98
78) Pyrene	12.92	202	2125825	34.747	ng		99
81) Benzo(a)anthracene	14.10	228	835161	16.009	ng		96
83) Chrysene	14.14	228	931098	18.073	ng		98
86) Indeno(1,2,3-cd)pyrene	17.14	276	413977	8.633	ng		93
88) Benzo(b)fluoranthene	15.18	252	1408412	26.493	ng		97
89) Benzo(k)fluoranthene	15.18	252	1408412	29.704	ng		99
90) Benzo(a)pyrene	15.56	252	533940	11.586	ng		100
92) Benzo(g,h,i)perylene	17.61	276	367591	9.177	ng		98

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

Quantitation Report (Not Reviewed)

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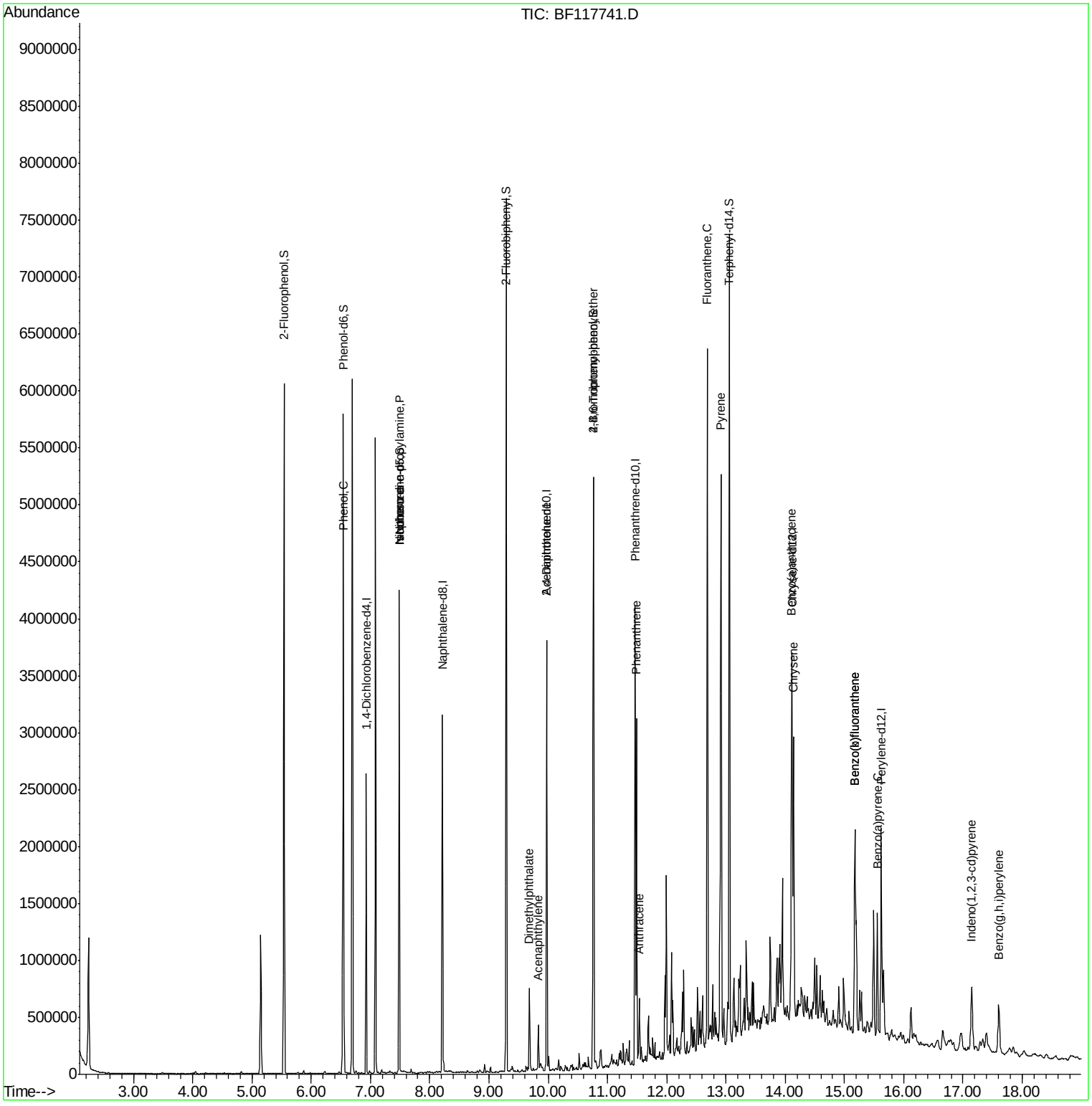
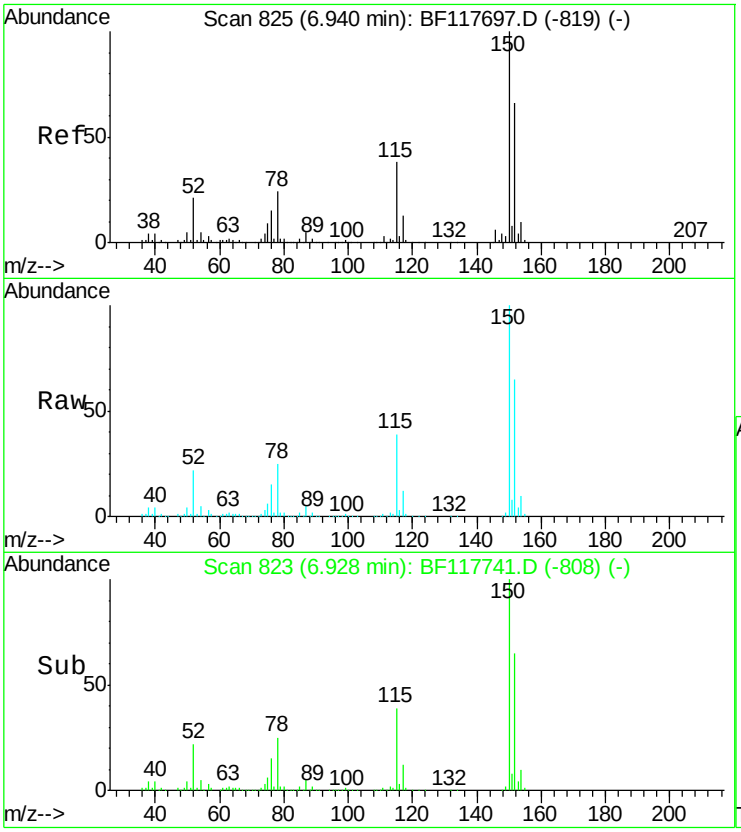


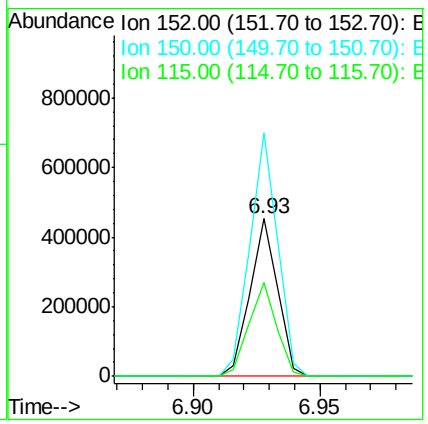


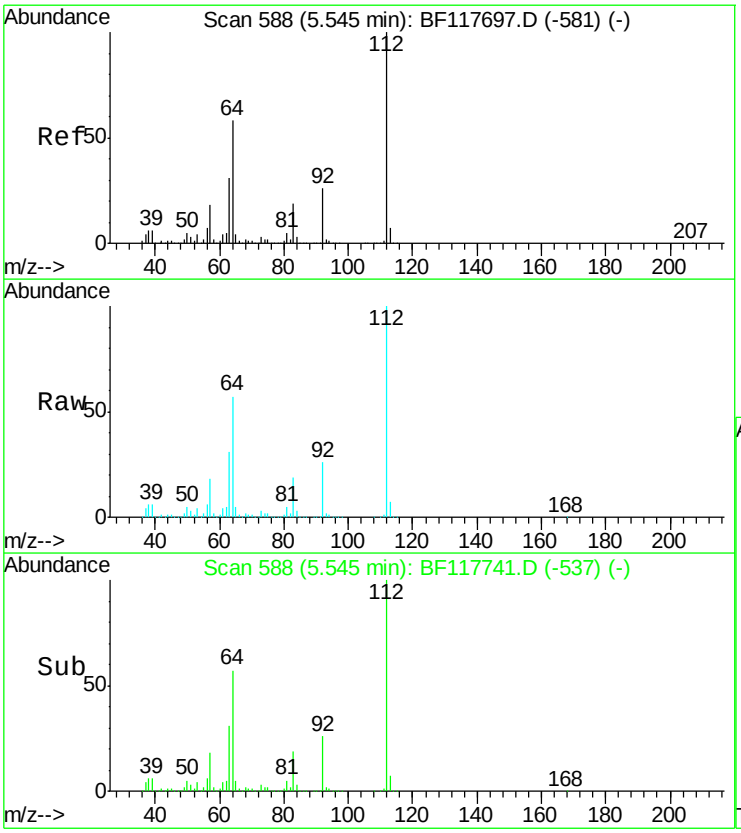
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion:152 Resp: 345349

Ion	Ratio	Lower	Upper
152	100		
150	154.7	121.4	182.2
115	59.7	46.7	70.1

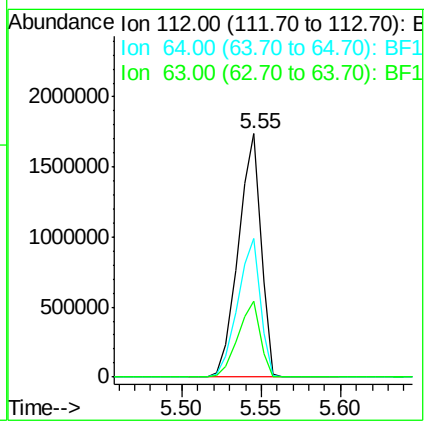


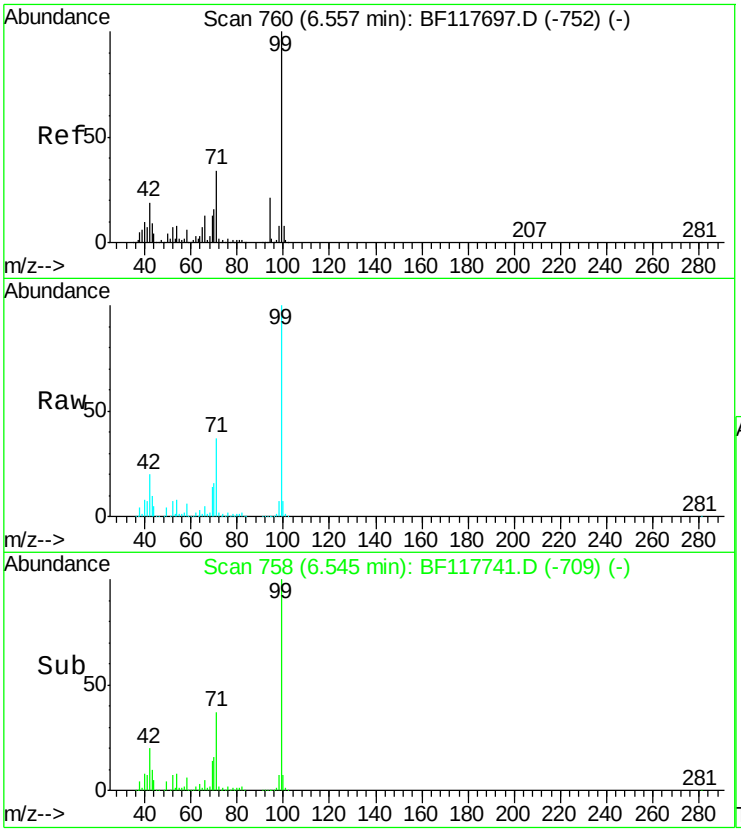


#5
2-Fluorophenol
Concen: 89.851 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:112 Resp: 1714226

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.4	69.6
63	31.0	24.6	37.0



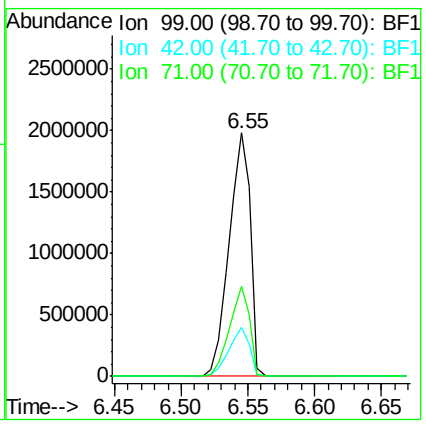


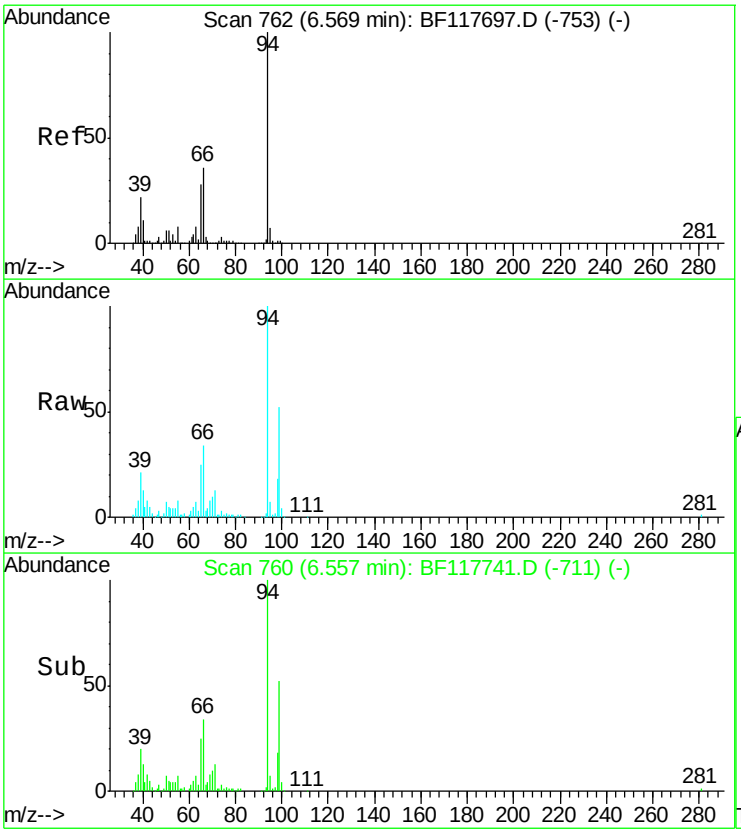
#7
Phenol-d6
Concen: 94.547 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion: 99 Resp: 2224139

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.3	22.9
71	36.7	26.8	40.2

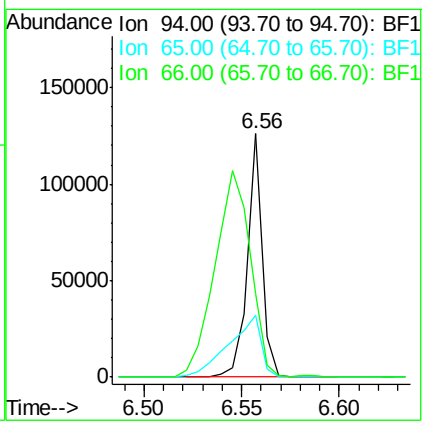


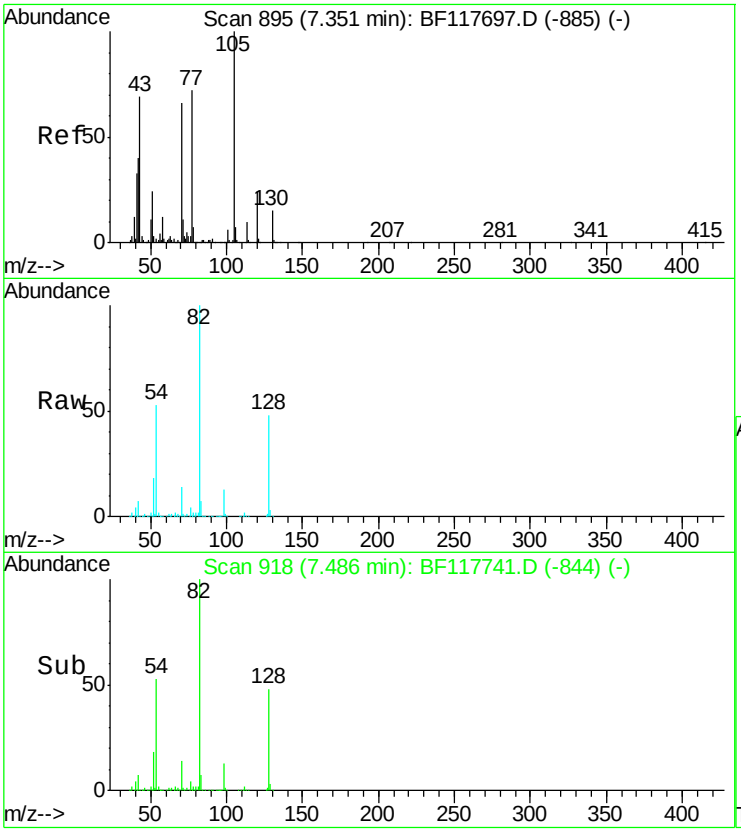


#10
Phenol
Concen: 2.624 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion: 94 Resp: 66520

Ion	Ratio	Lower	Upper
94	100		
65	25.3	7.6	47.6
66	34.3	16.1	56.1



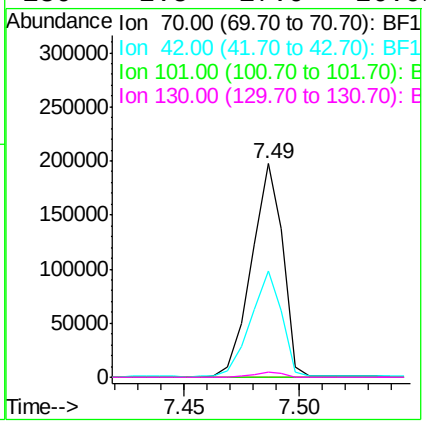


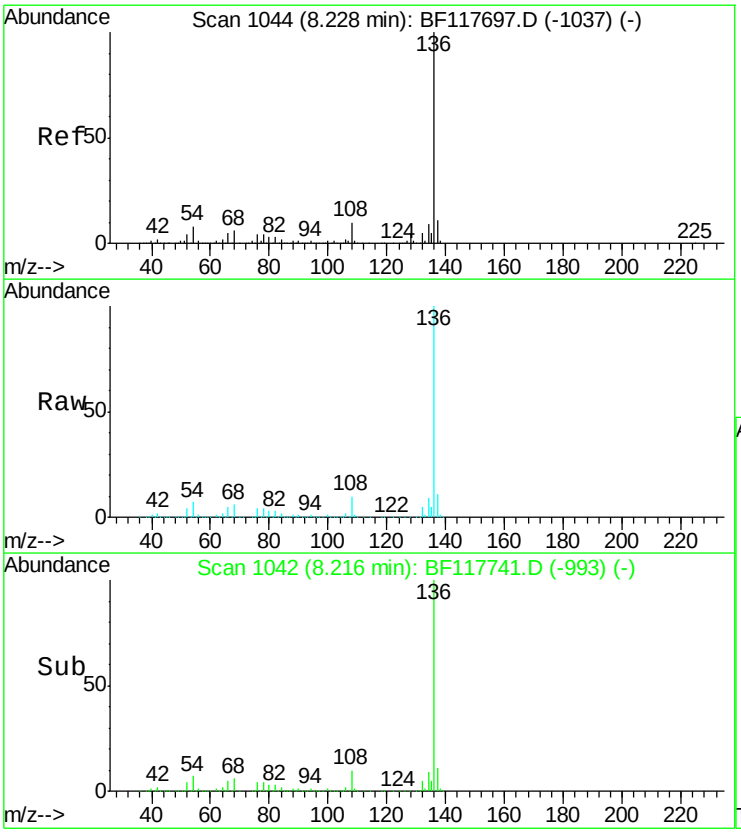
#19
n-Nitroso-di-n-propylamine
Concen: 12.118 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.14 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion: 70 Resp: 187443

Ion	Ratio	Lower	Upper
70	100		
42	49.7	49.1	73.7
101	0.0	7.8	11.8#
130	2.5	17.9	26.9#

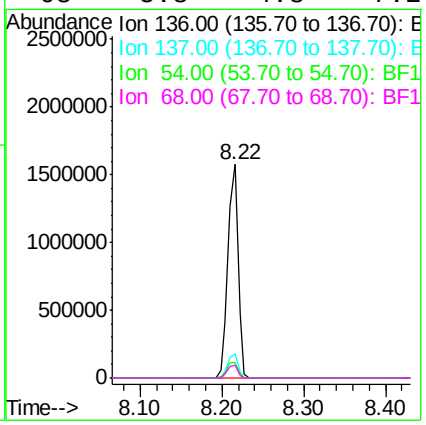


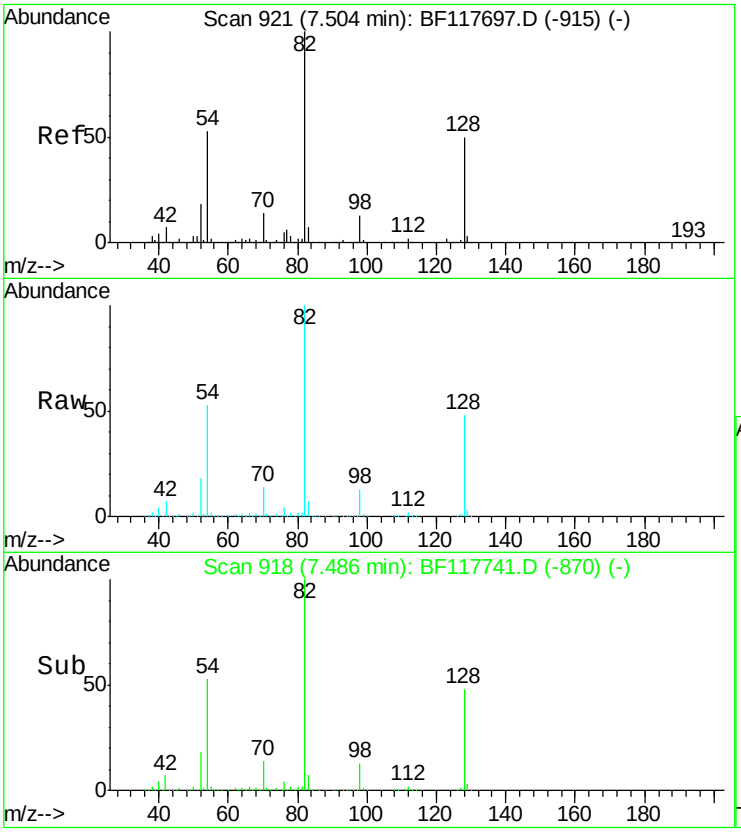


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:136 Resp: 1351327

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.4	6.0	9.0
68	5.8	4.8	7.2



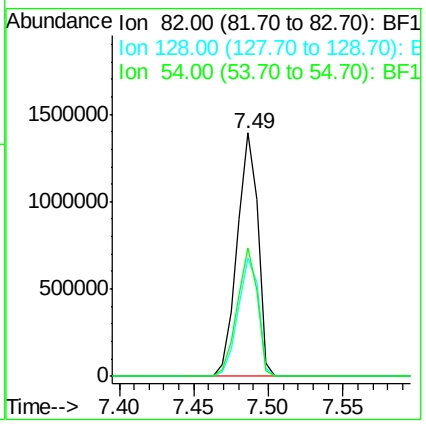


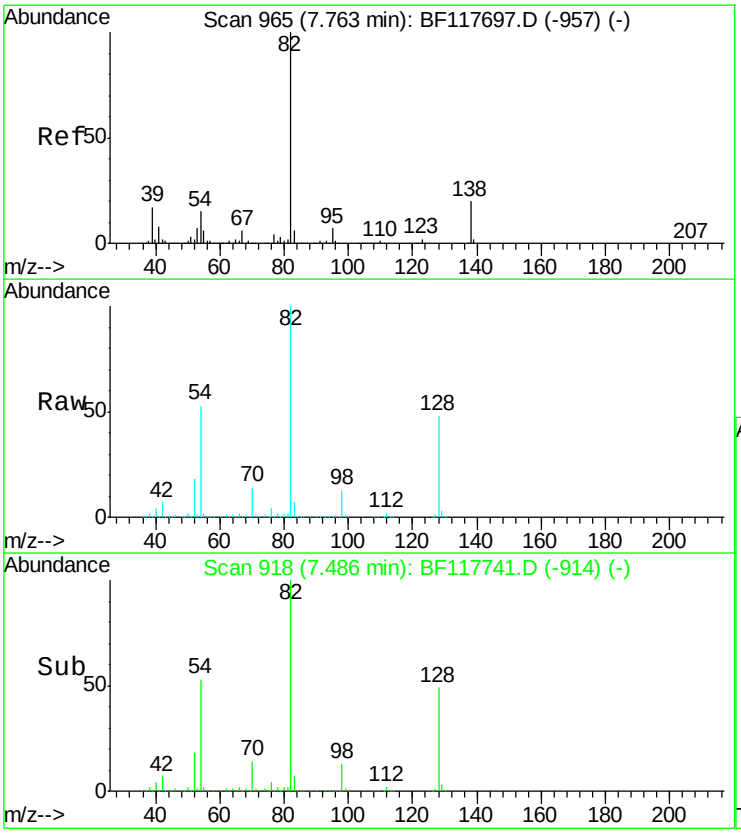
#23
Nitrobenzene-d5
Concen: 59.140 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion: 82 Resp: 1353644

Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.2	60.2
54	52.8	42.0	63.0

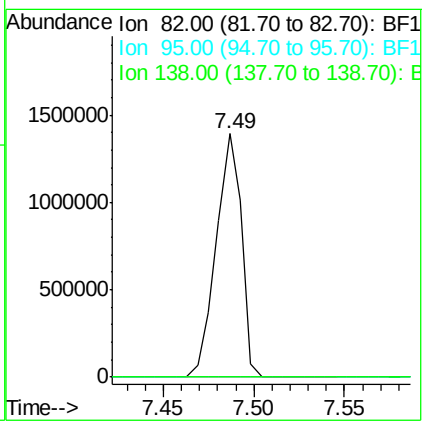


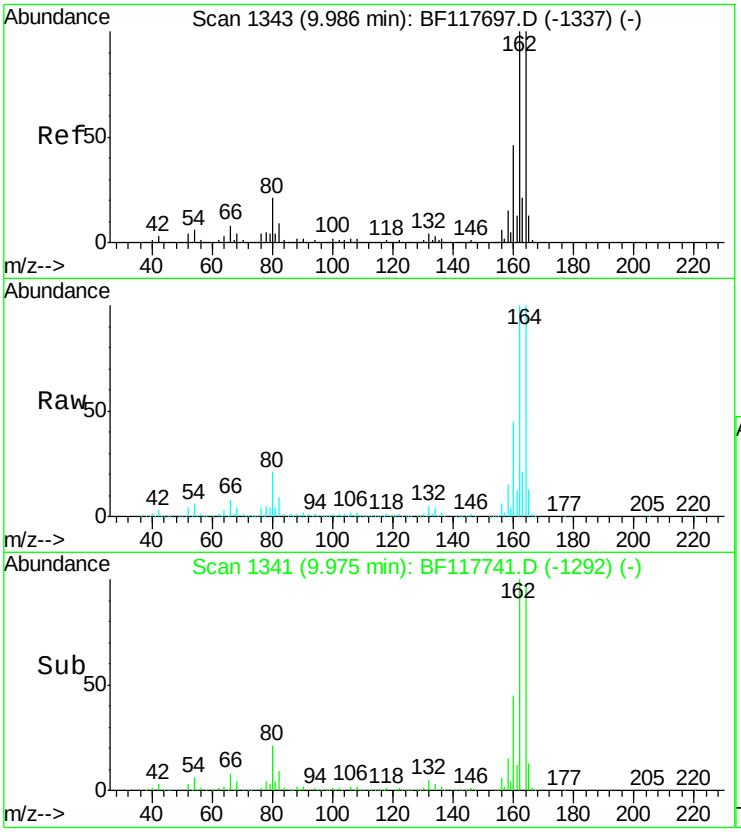


#25
Isophorone
Concen: 30.817 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.28 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion: 82 Resp: 1349083

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



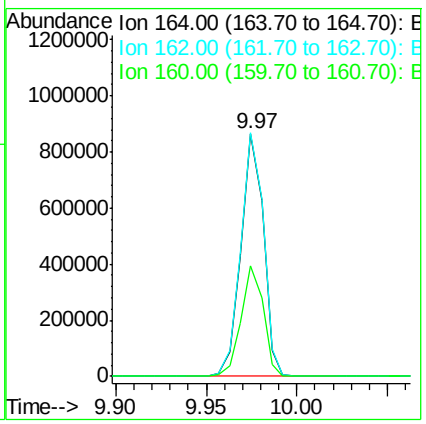


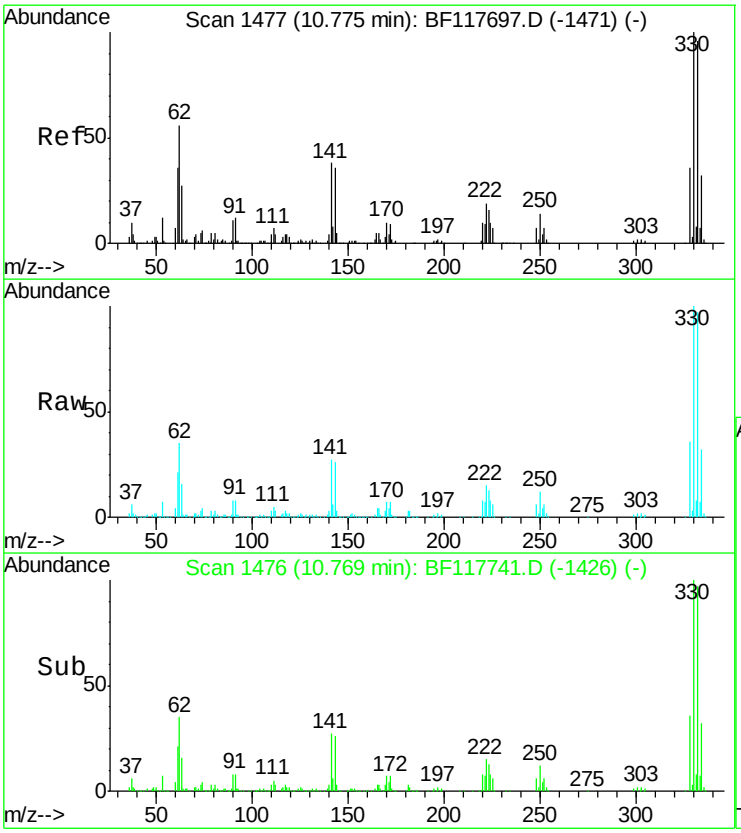
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion:164 Resp: 747926

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.7	119.5
160	45.3	36.5	54.7

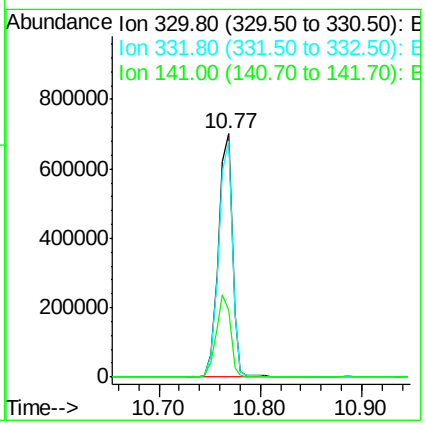


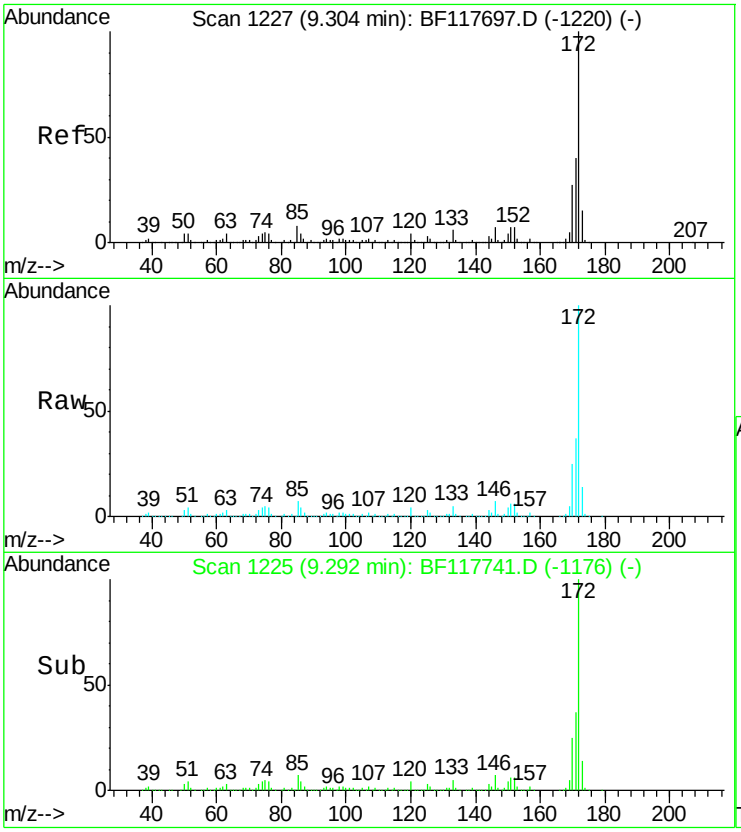


#42
2,4,6-Tribromophenol
Concen: 92.531 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:330 Resp: 676993

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	33.8	28.0	42.0



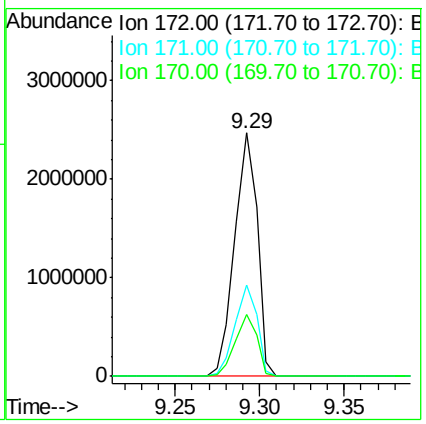


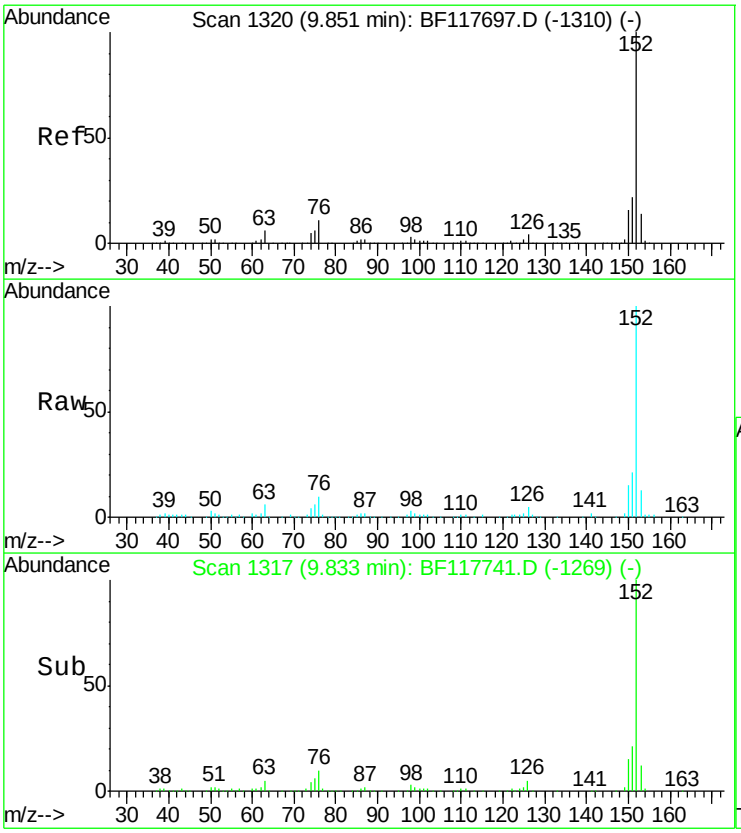
#45
2-Fluorobiphenyl
Concen: 60.969 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion:172 Resp: 2311210

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.8	47.8
170	25.2	21.6	32.4

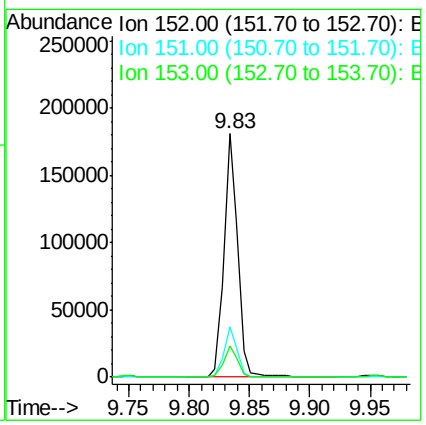


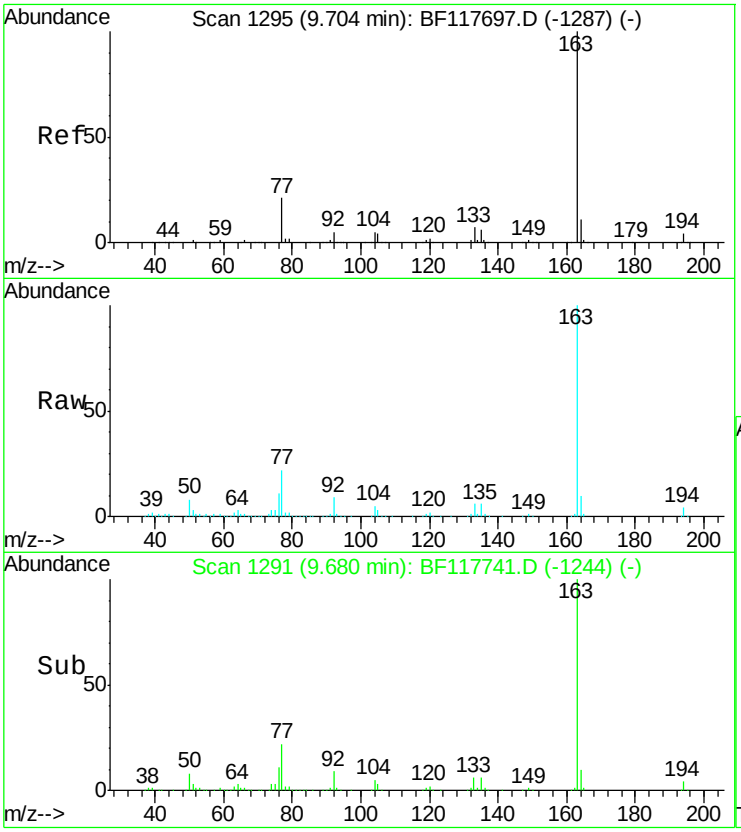


#49
Acenaphthylene
Concen: 2.253 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:152 Resp: 142648

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.8	26.6
153	12.7	11.5	17.3



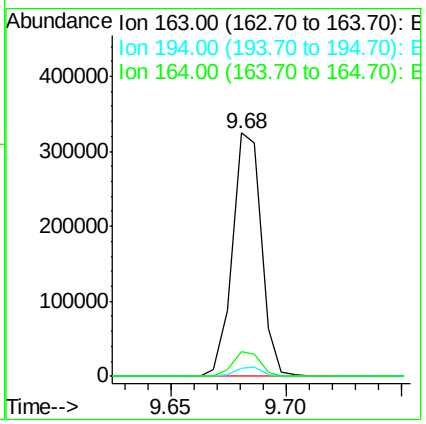


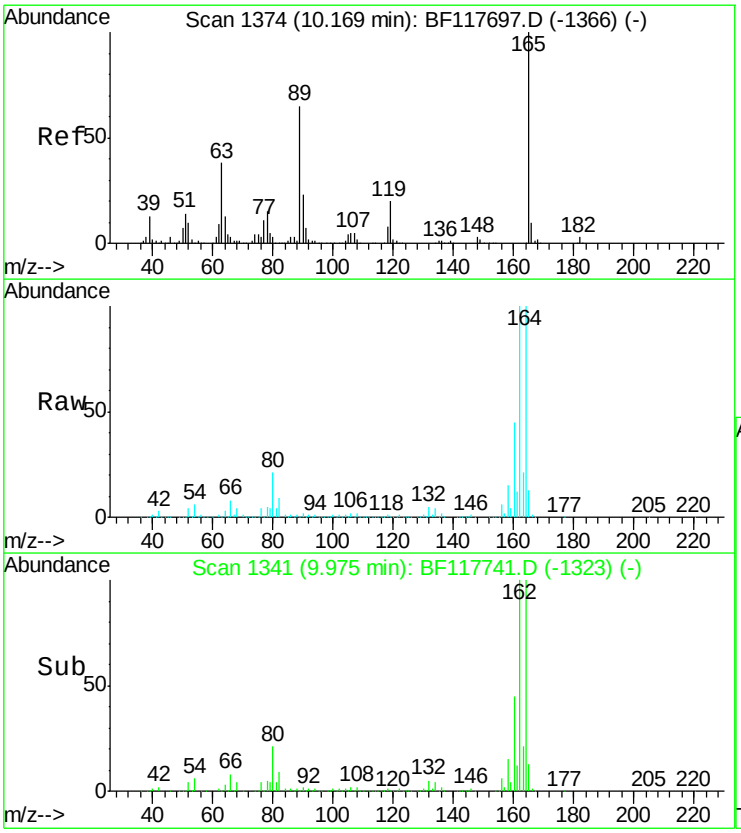
#50
Dimethylphthalate
Concen: 5.616 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion:163 Resp: 283958

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	10.2	8.9	13.3

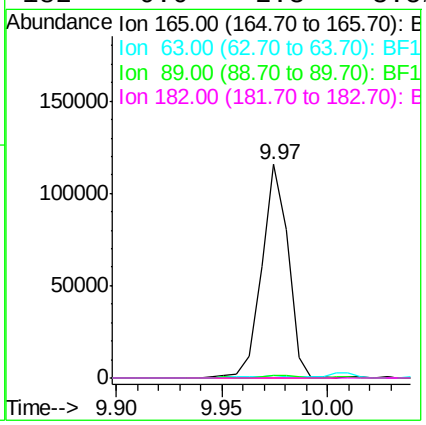


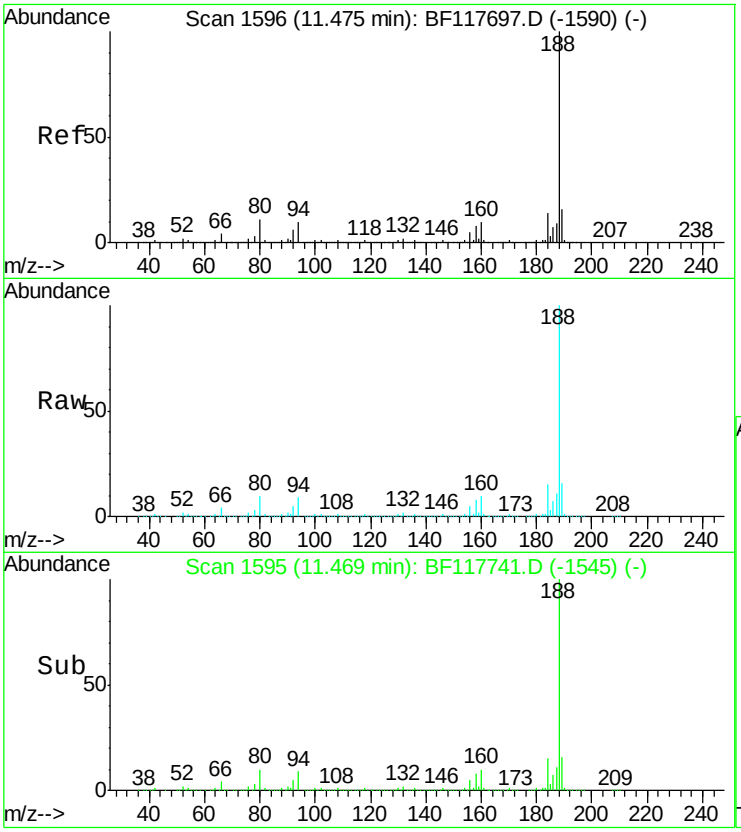


#57
2,4-Dinitrotoluene
Concen: 6.918 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.19 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:165 Resp: 100482

Ion	Ratio	Lower	Upper
165	100		
63	1.1	30.4	45.6#
89	1.5	52.2	78.4#
182	0.0	2.3	3.5#



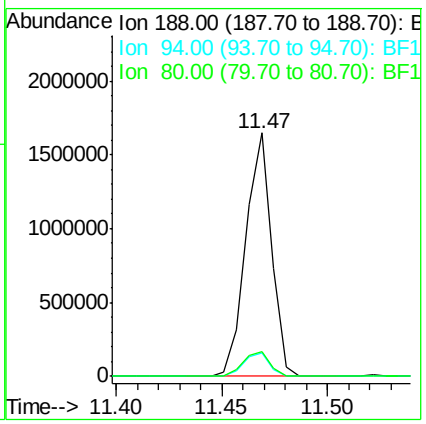


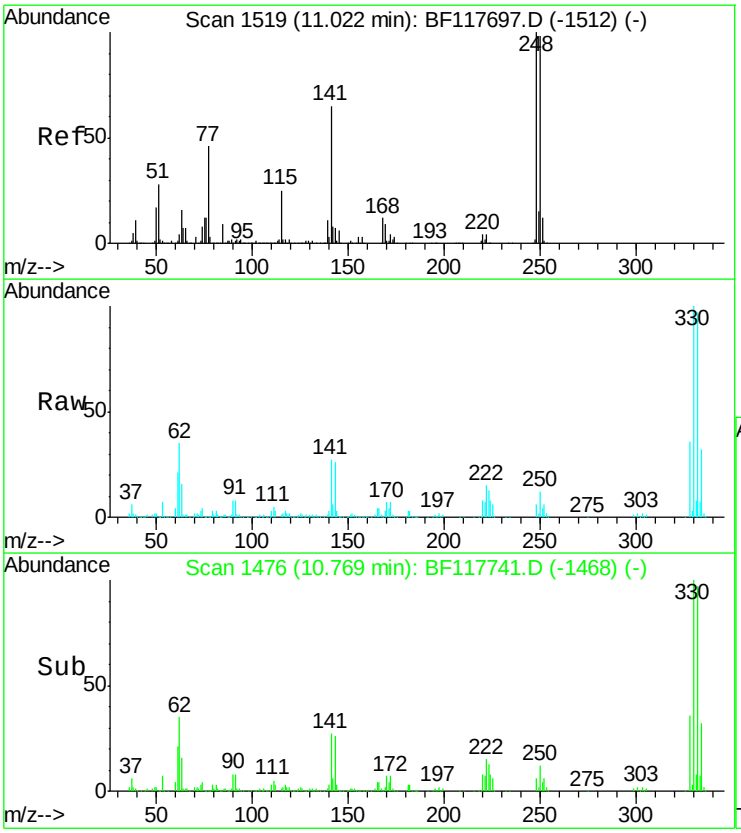
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion:188 Resp: 1398317

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	10.1	8.6	13.0

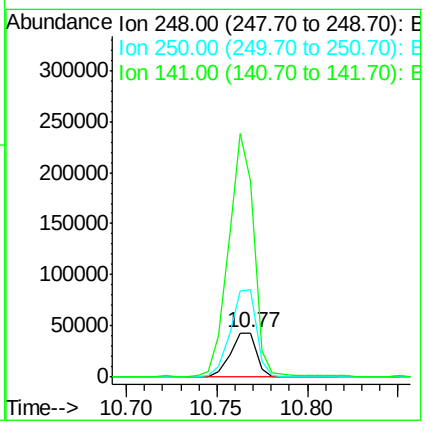


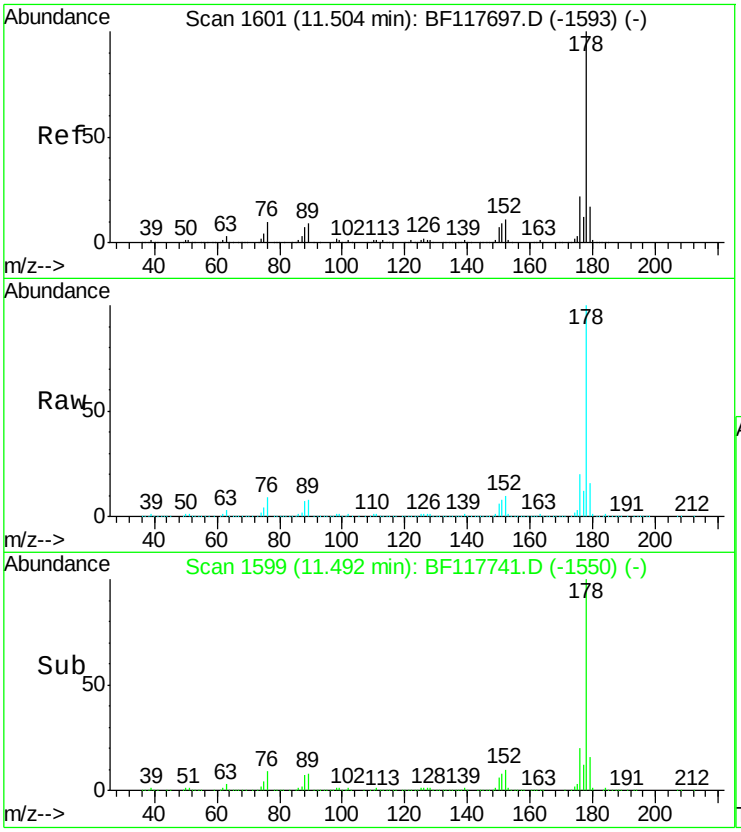


#67
4-Bromophenyl-phenylether
Concen: 2.870 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.25 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:248 Resp: 43823

Ion	Ratio	Lower	Upper
248	100		
250	199.1	78.7	118.1#
141	442.2	51.8	77.8#



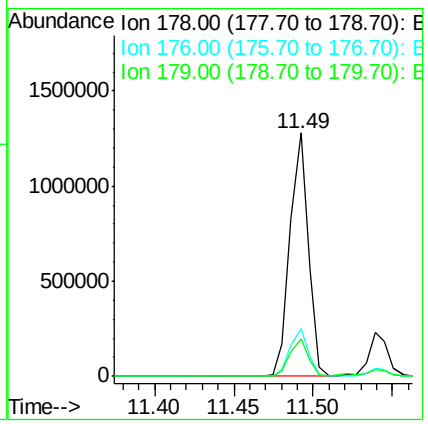


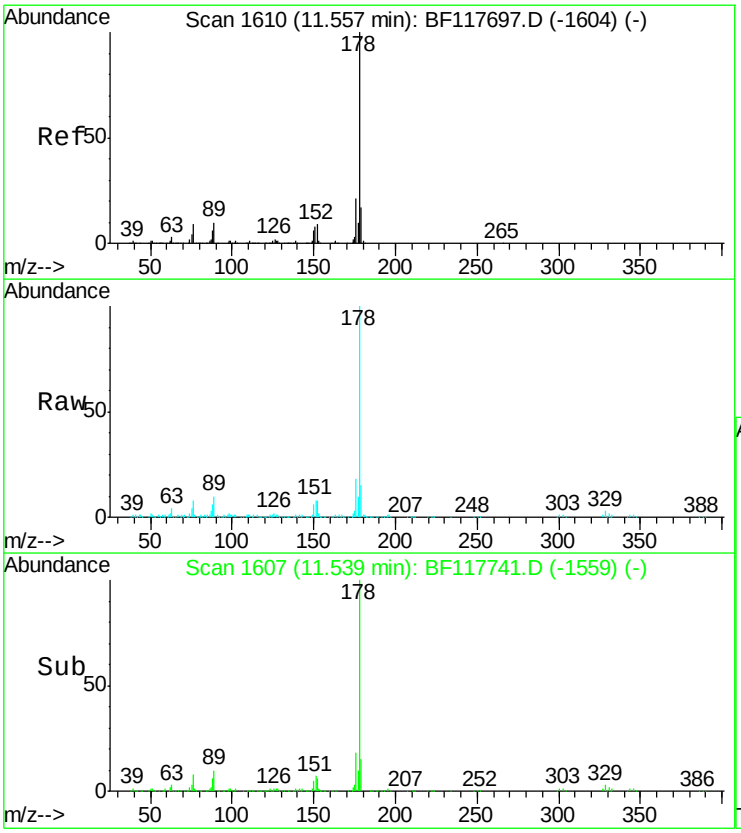
#71
Phenanthrene
Concen: 15.314 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion:178 Resp: 1026372

Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.7	26.5
179	15.6	13.8	20.8

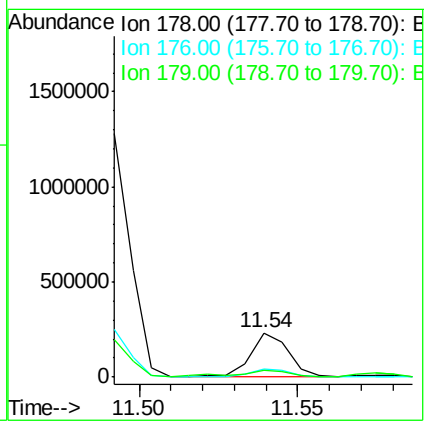


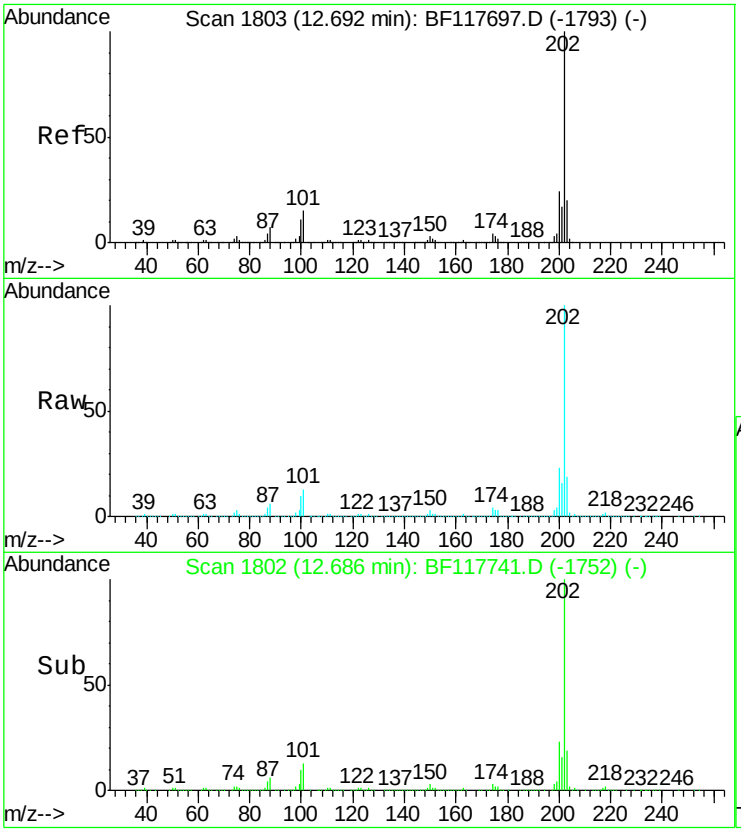


#72
Anthracene
Concen: 2.805 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.02 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:178 Resp: 187034

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.6	25.0
179	15.4	13.5	20.3



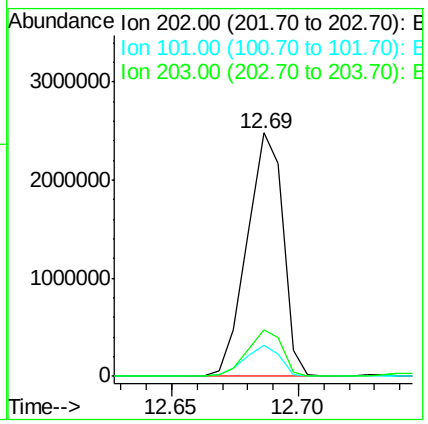


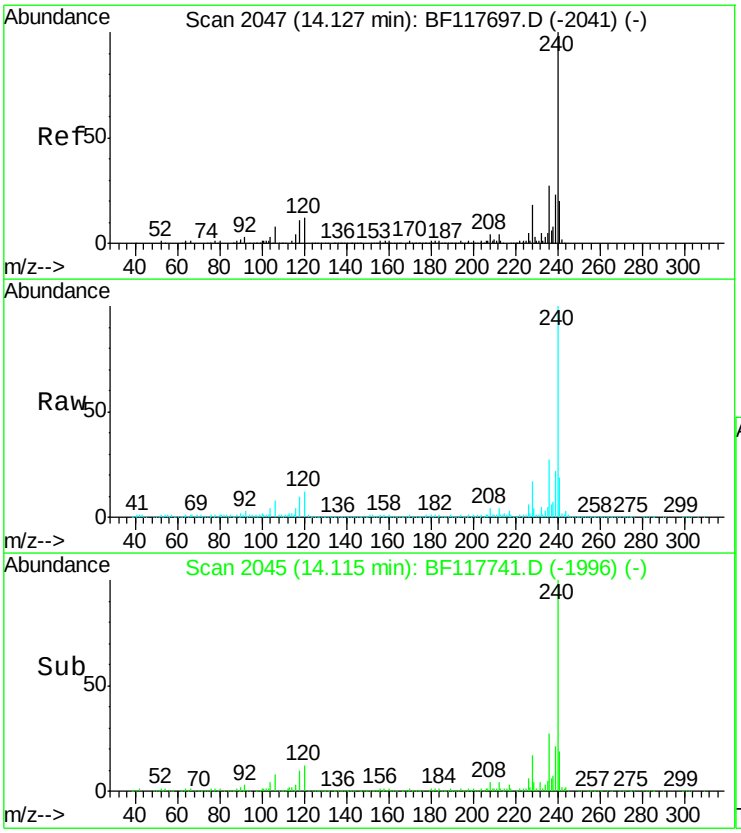
#75
Fluoranthene
Concen: 35.754 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion:202 Resp: 2446880

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.5
203	19.3	0.0	39.8

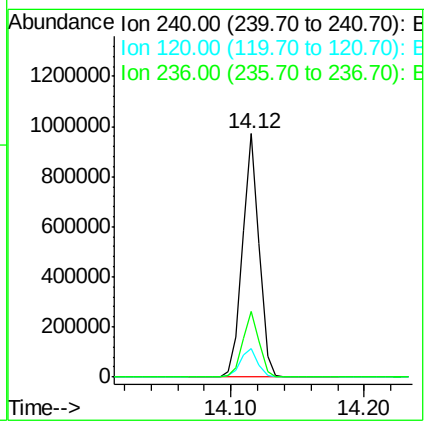


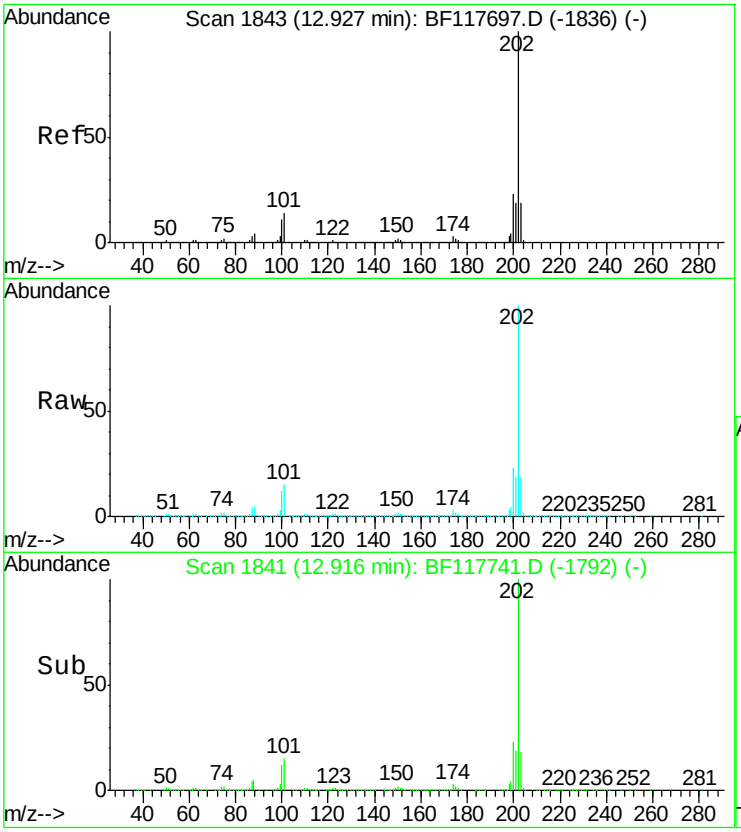


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:240 Resp: 838104

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.7	14.5
236	26.9	21.9	32.9



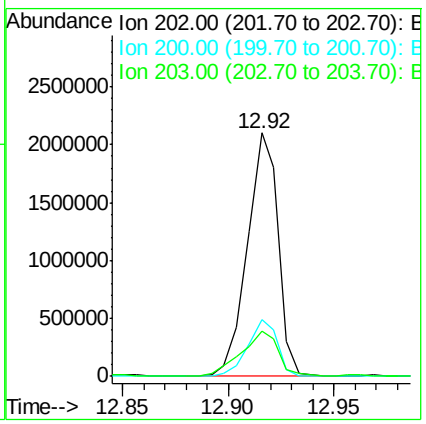


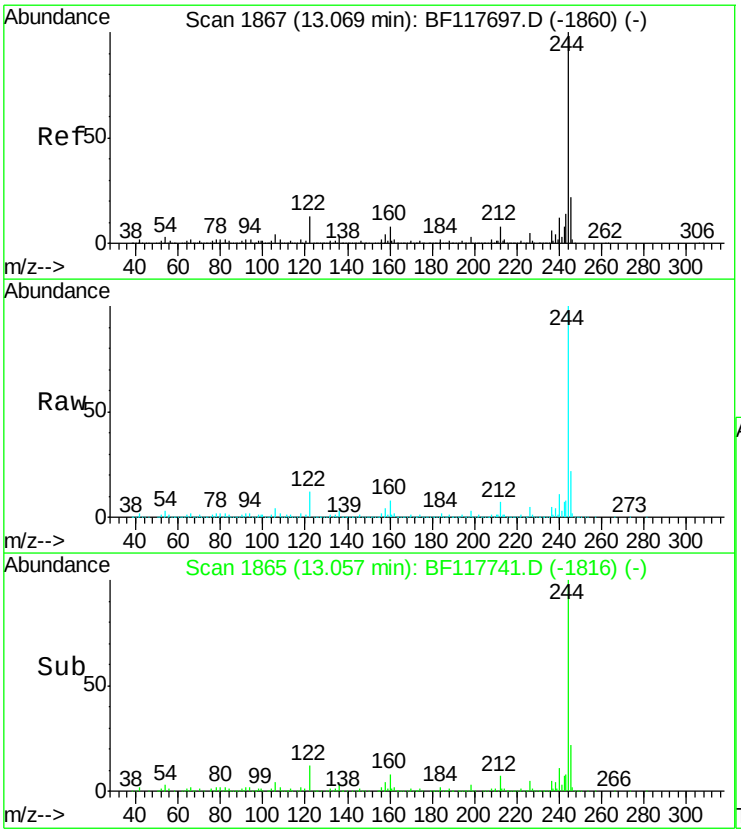
#78
Pyrene
Concen: 34.747 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion:202 Resp: 2125825

Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.8	28.2
203	18.7	15.2	22.8

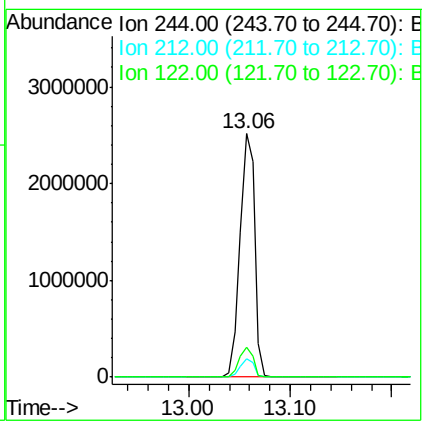


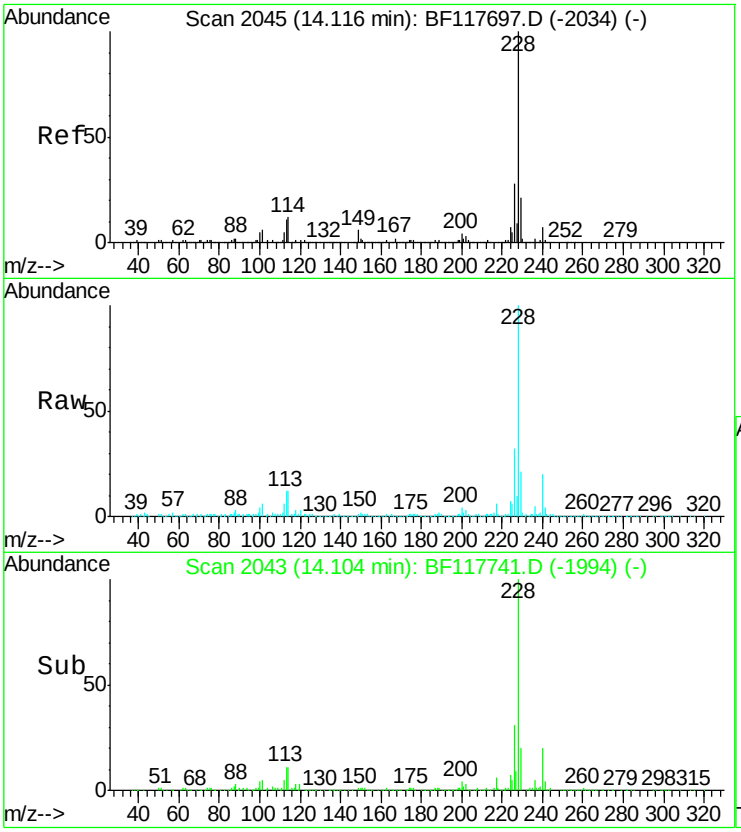


#79
Terphenyl-d14
Concen: 62.011 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:244 Resp: 2524644

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	12.3	10.0	15.0



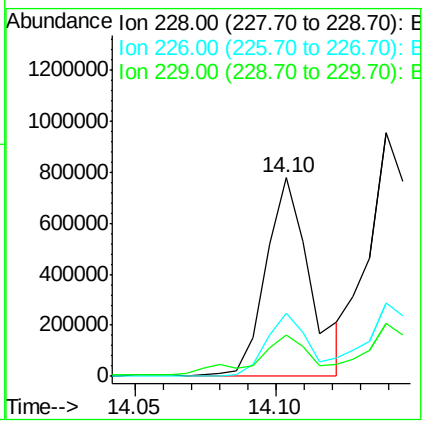


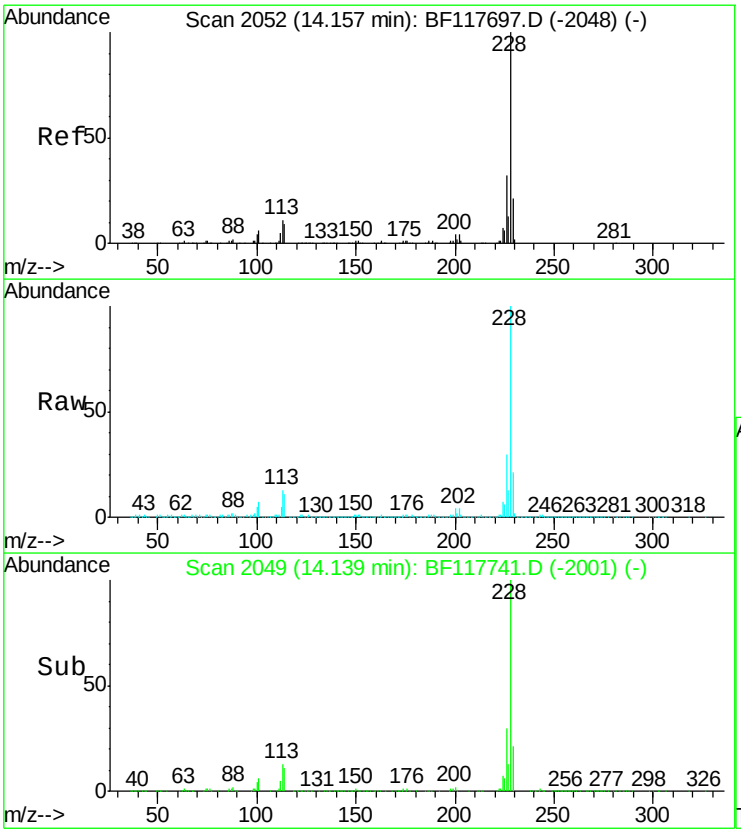
#81
Benzo(a)anthracene
Concen: 16.009 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion:228 Resp: 835161

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.8	34.2
229	21.2	16.9	25.3

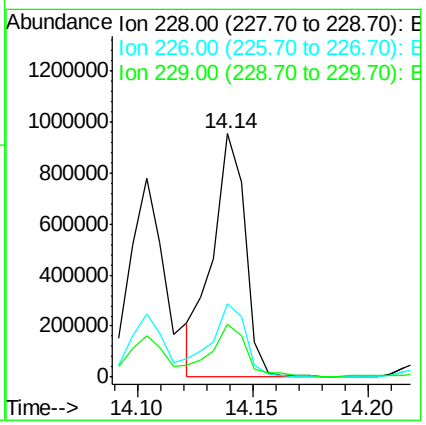


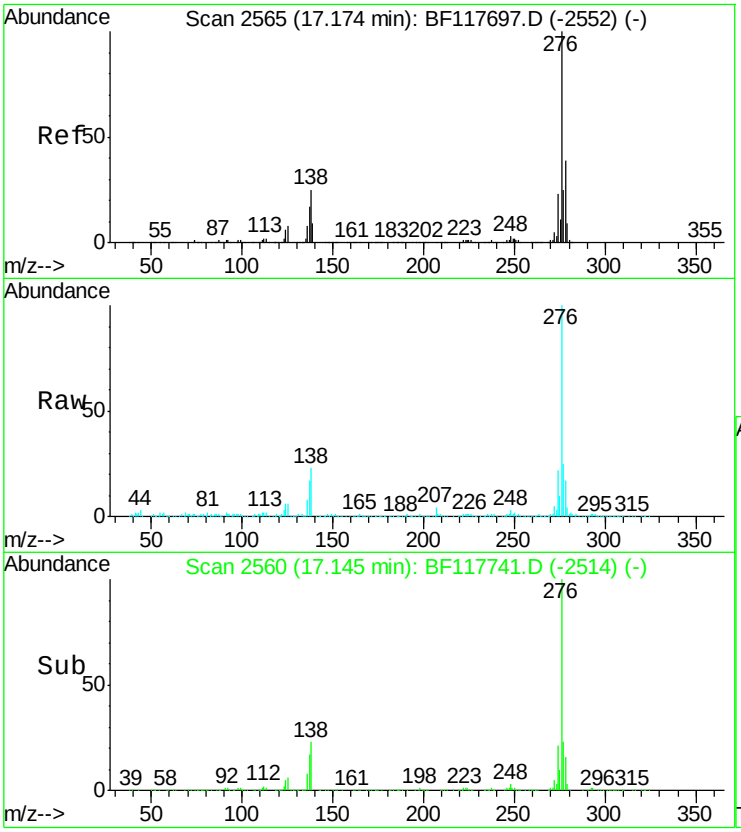


#83
Chrysene
Concen: 18.073 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:228 Resp: 931098

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.2
229	21.5	16.6	24.8



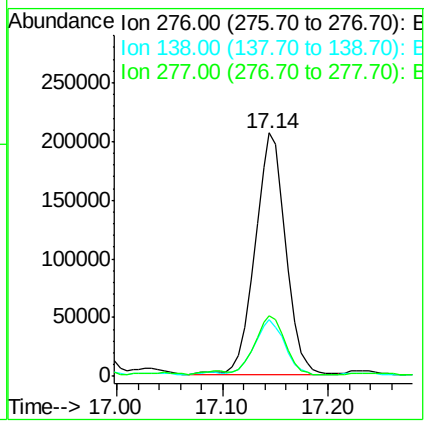


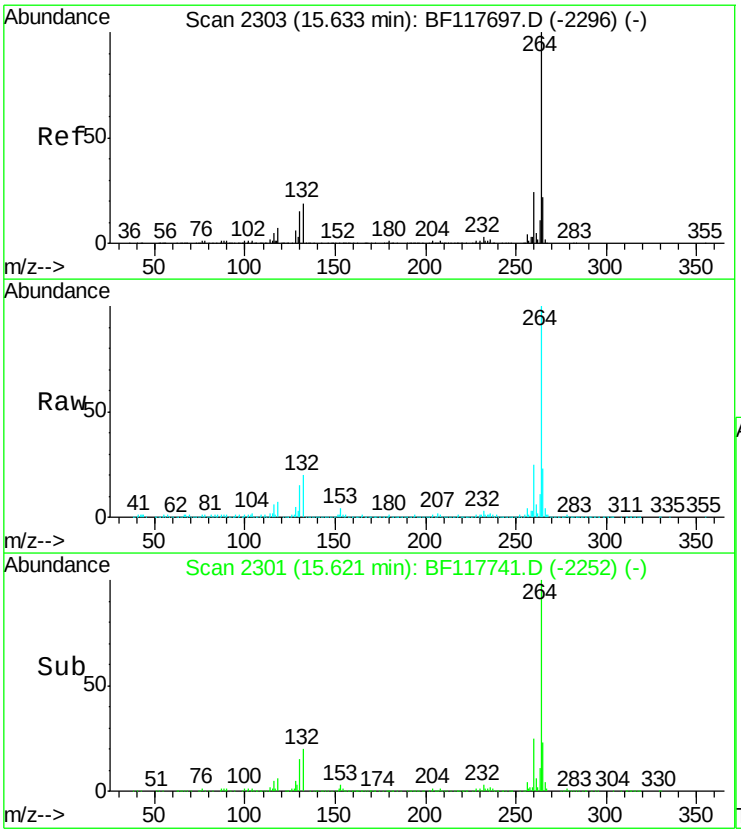
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.633 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.03 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion:276 Resp: 413977

Ion	Ratio	Lower	Upper
276	100		
138	22.6	22.4	33.6
277	24.4	20.6	30.8

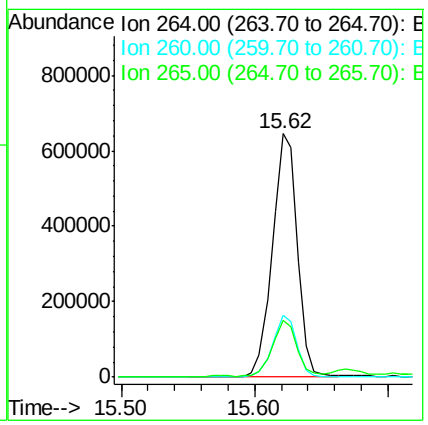


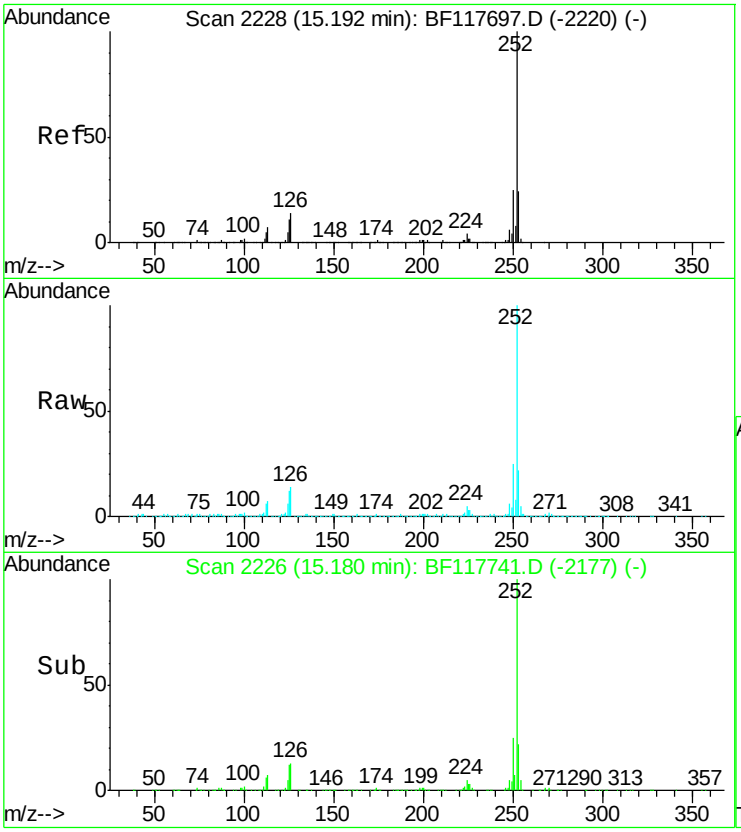


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:264 Resp: 844084

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.8	28.2
265	23.2	17.7	26.5



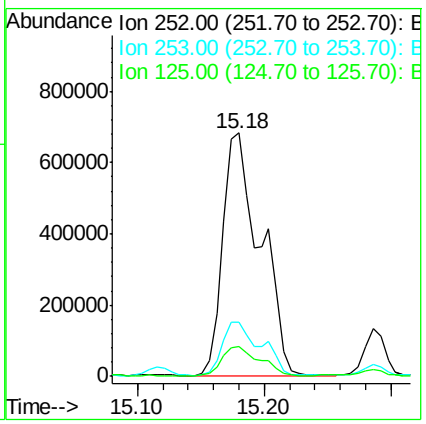


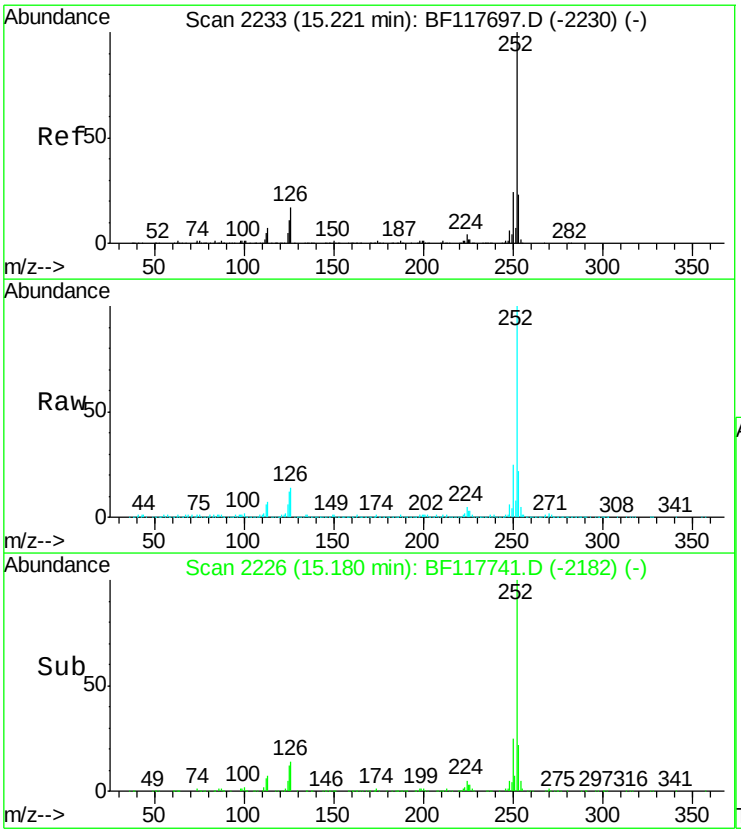
#88
Benzo(b)fluoranthene
Concen: 26.493 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion:252 Resp: 1408412

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	12.4	8.5	12.7

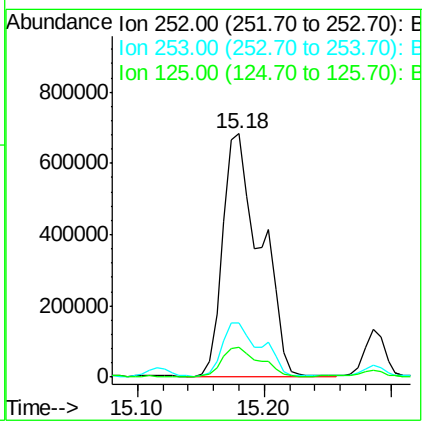


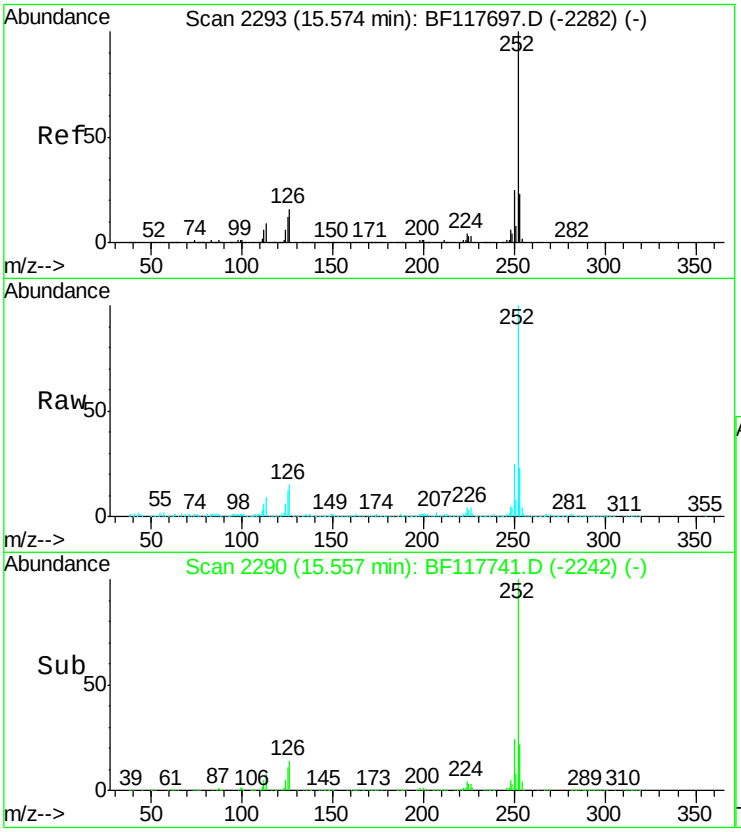


#89
Benzo(k)fluoranthene
Concen: 29.704 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.04 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:252 Resp: 1408412

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	12.4	9.1	13.7



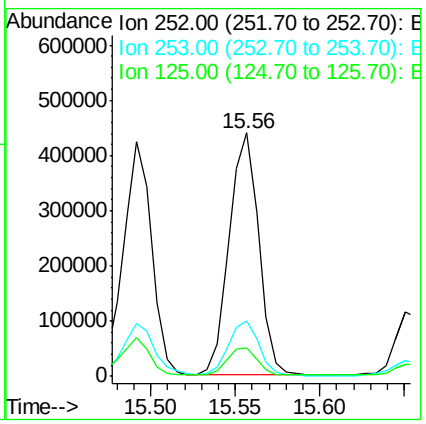


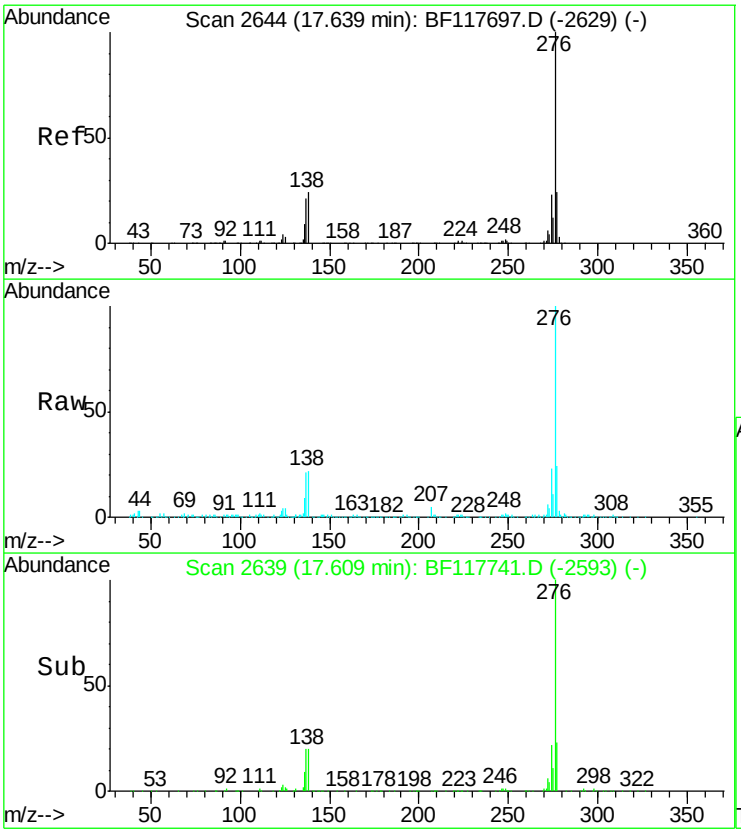
#90
Benzo(a)pyrene
Concen: 11.586 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Instrument :
BNA_F
ClientSampleId :
3-A

Tgt Ion:252 Resp: 533940

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.8	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 9.177 ng
RT: 17.61 min Scan# 2639
Delta R.T. -0.03 min
Lab File: BF117741.D
Acq: 8 Nov 2019 19:50

Tgt Ion:276 Resp: 367591

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	22.4	19.2	28.8