Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117607.D
Acq On : 29 Oct 2019 23:26
Operator : JU
Sample : K5576-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 04:22:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	33201	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	115382	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	48421	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	76886	20.00	ng		0.00
76) Chrysene-d12	13.90	240	59878	20.00	ng		0.00
87) Perylene-d12	15.34	264	43406	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	185717	83.22	ng		0.00
7) Phenol-d6	6.39	99	246621	82.28	ng		0.00
23) Nitrobenzene-d5	7.29	82	142387	60.92	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	32949	78.64	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	218425	63.56	ng		-0.01
79) Terphenyl-d14	12.83	244	220264	60.00	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.34	77	742	Below Cal		#	33
10) Phenol	6.40	94	8242	2.694	ng	#	83
19) n-Nitroso-di-n-propylamine	7.29	70	18746	10.240	ng	#	78
25) Isophorone	7.29	82	142386	35.217	ng	#	65
31) Naphthalene	8.03	128	25168	4.401	ng		96
37) 2-Methylnaphthalene	8.73	142	12757	3.310	ng		98
38) 1-Methylnaphthalene	8.73	142	12757	3.523	ng		95
49) Acenaphthylene	9.62	152	139504	31.424	ng		98
50) Dimethylphthalate	9.48	163	25380	7.352	ng		98
51) 2,6-Dinitrotoluene	9.76	165	6705	9.308	ng	#	22
52) Acenaphthene	9.79	154	8272	3.037	ng		95
55) Dibenzofuran	9.97	168	14748	3.737	ng		96
56) 4-Nitrophenol	9.97	139	6448	19.330	ng	#	6
67) 4-Bromophenyl-phenylether	10.56	248	1947	2.351	ng	#	1
71) Phenanthrene	11.27	178	271245	60.756	ng		99
72) Anthracene	11.33	178	121642	26.555	ng		100
73) Carbazole	11.49	167	41261	9.856	ng		99
75) Fluoranthene	12.47	202	643748	144.038	ng		100
77) Benzidine	12.83	184	3310	Below Cal		#	79
78) Pyrene	12.70	202	569630	110.754	ng		99
81) Benzo(a)anthracene	13.93	228	258575	64.019	ng		95
83) Chrysene	13.93	228	258575	65.322	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	24075	6.715	ng		97
86) Indeno(1,2,3-cd)pyrene	16.76	276	97123	32.863	ng		96
88) Benzo(b)fluoranthene	14.93	252	366529	142.998	ng		98
89) Benzo(k)fluoranthene	14.93	252	366529	139.519	ng	#	98
90) Benzo(a)pyrene	15.28	252	151996	65.222	ng	#	93
91) Dibenzo(a,h)anthracene	16.76	278	23008	11.418	ng	#	71
92) Benzo(g,h,i)perylene	17.19	276	89748	47.072	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117607.D
Acq On : 29 Oct 2019 23:26
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 04:22:47 2019
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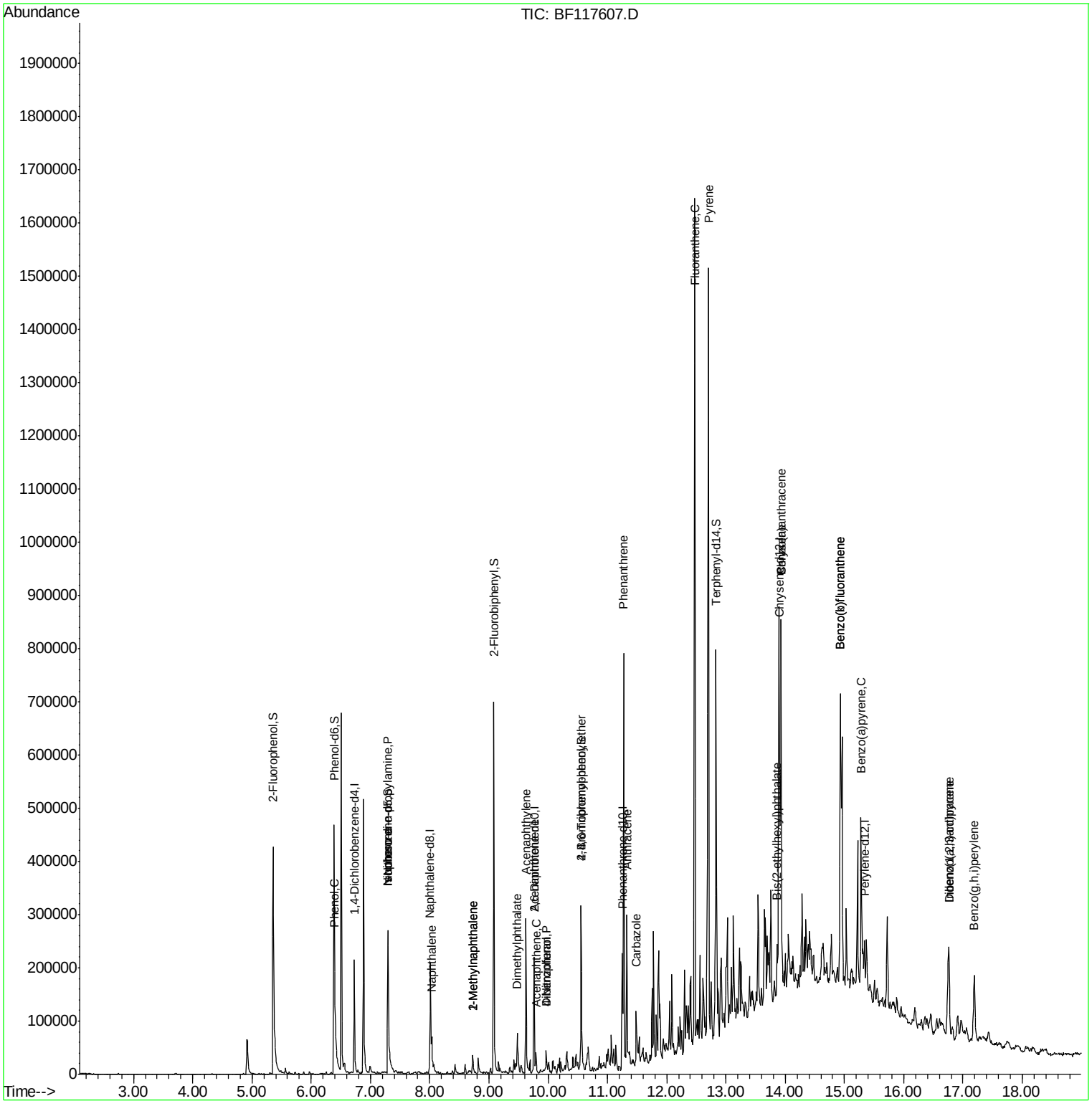
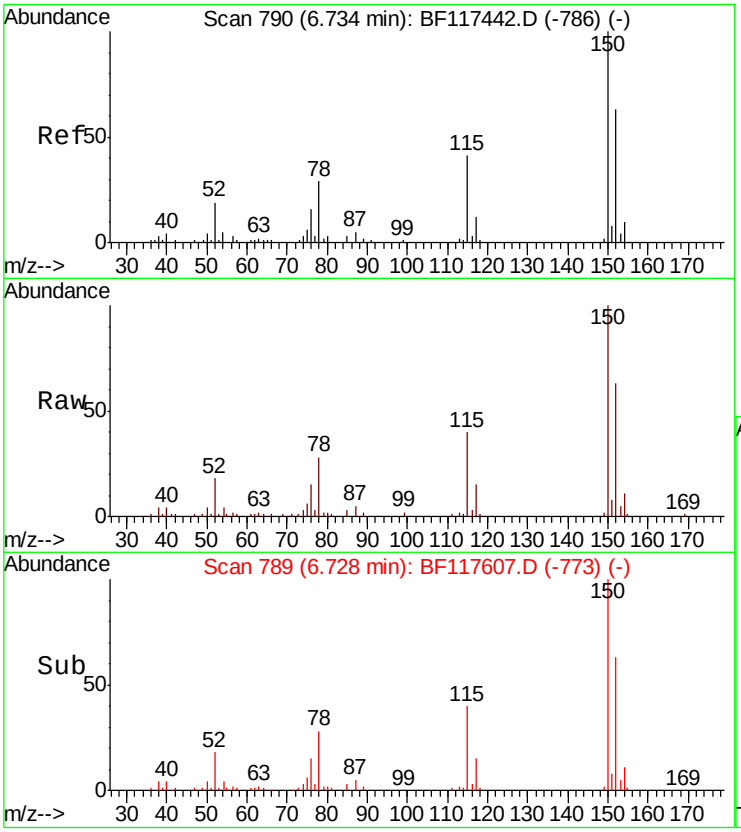
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration



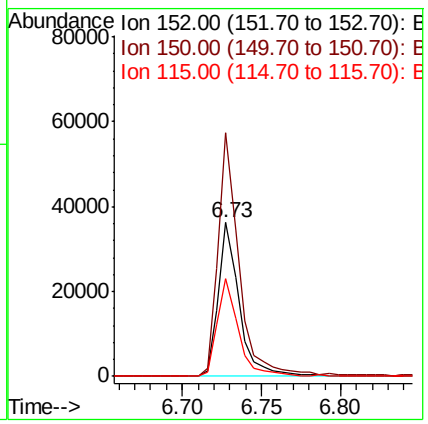


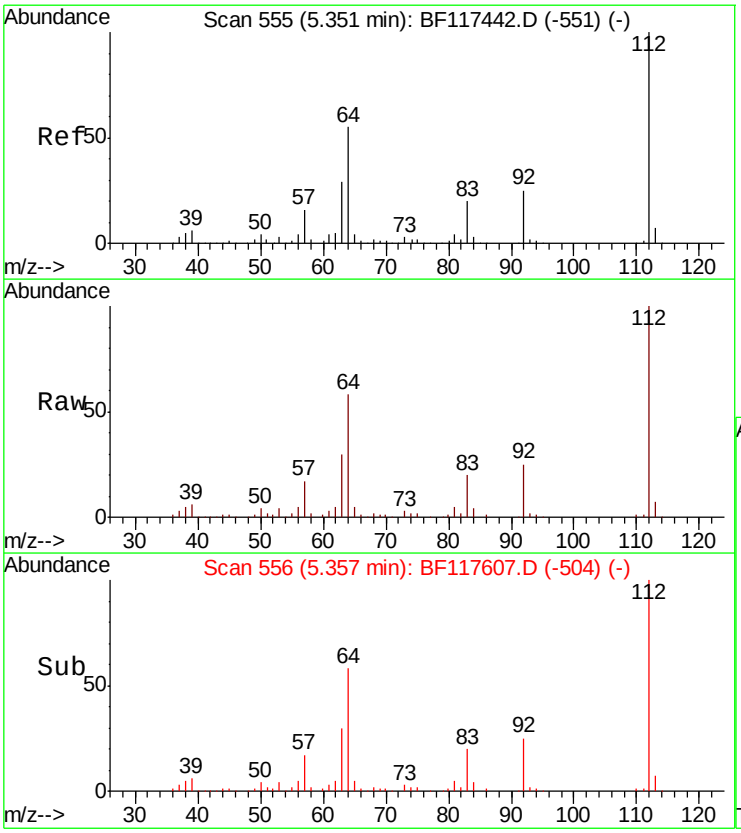
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 33201

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.8	190.2
115	63.5	51.6	77.4

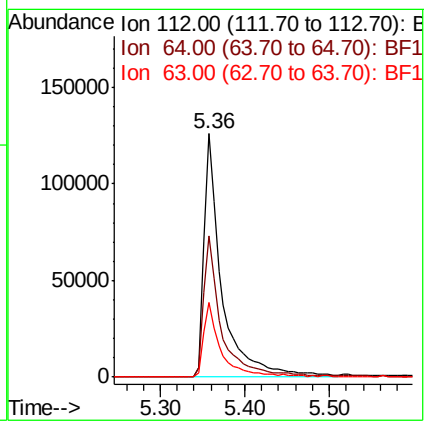


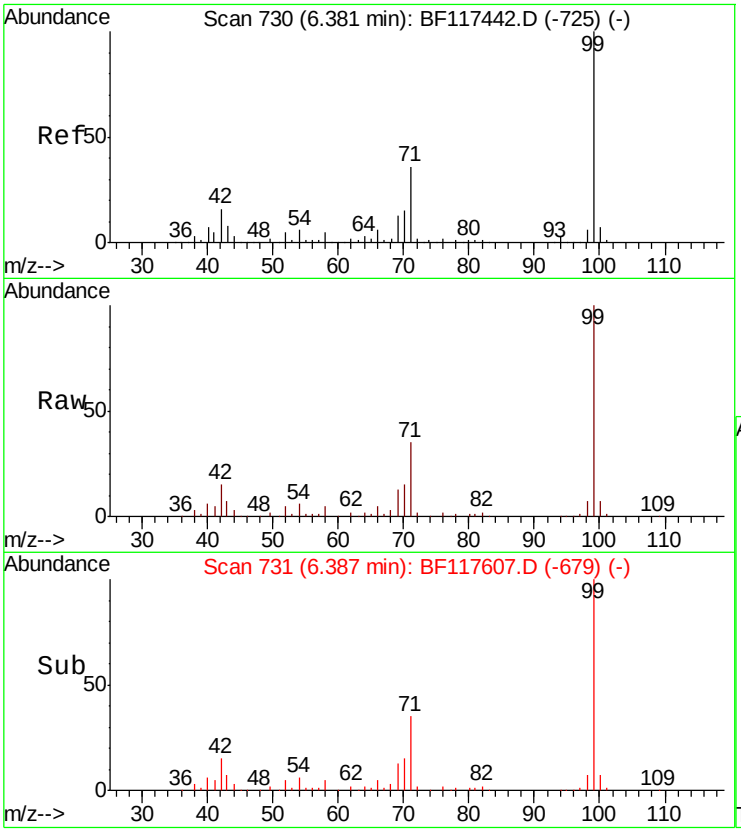


#5
2-Fluorophenol
Concen: 83.218 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:112 Resp: 185717

Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	30.4	23.4	35.2



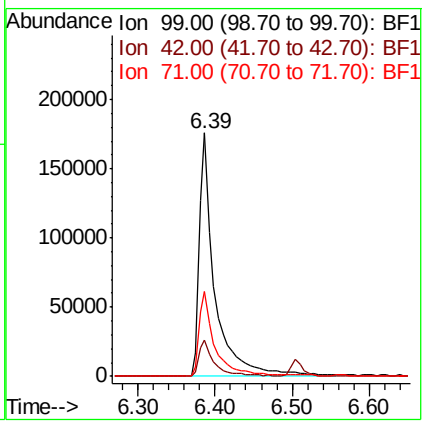


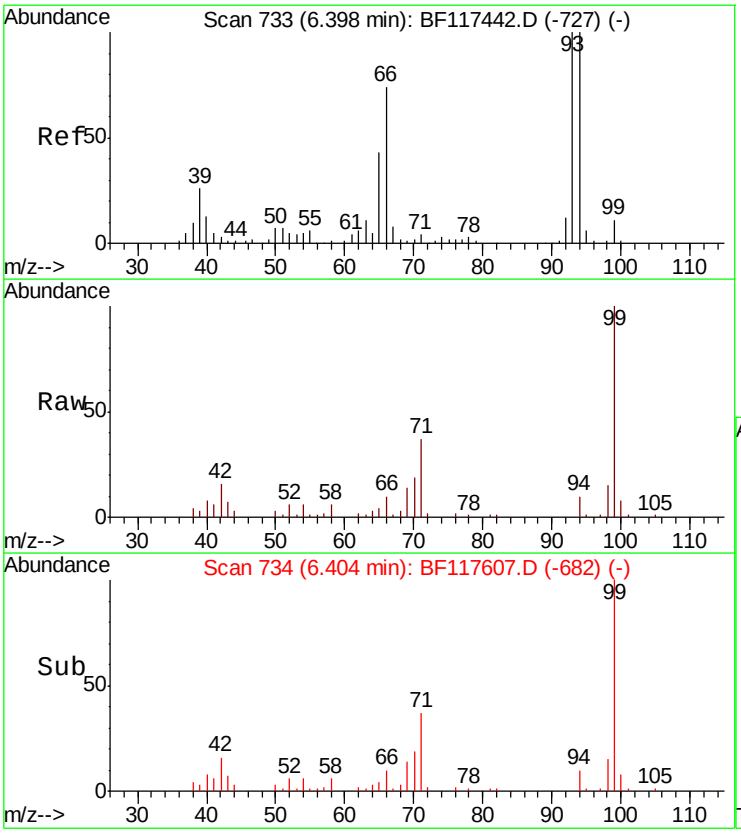
#7
Phenol-d6
Concen: 82.278 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 246621

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.8	19.2
71	35.0	28.6	43.0

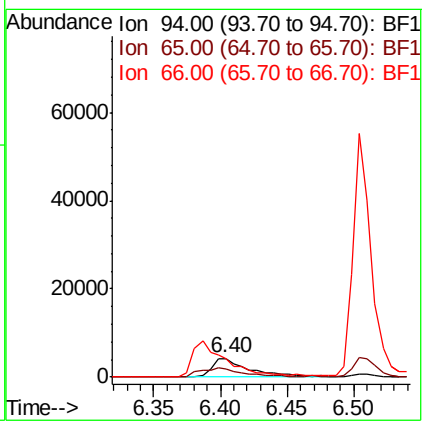


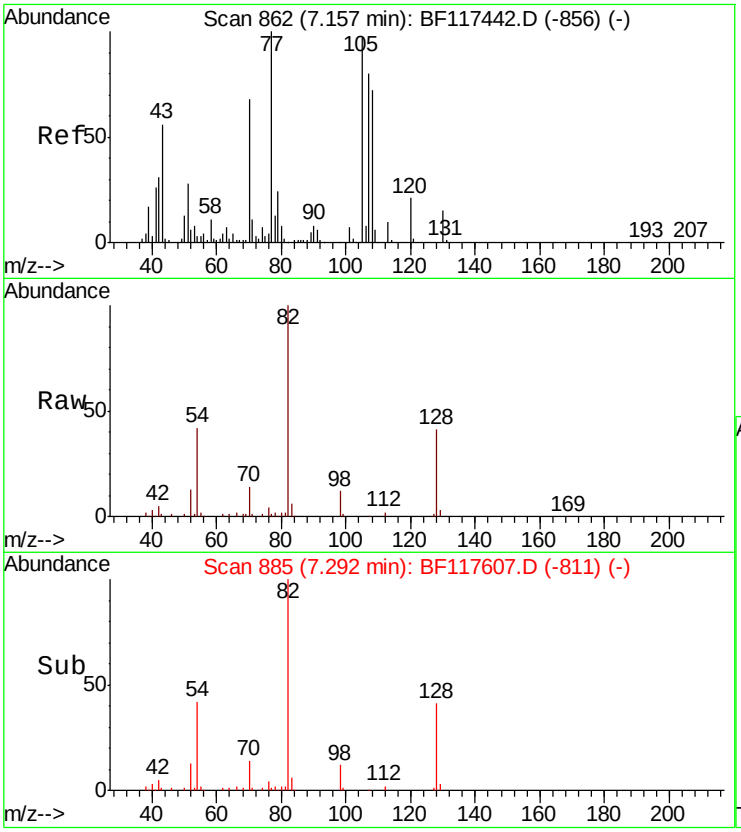


#10
Phenol
Concen: 2.694 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion: 94 Resp: 8242

Ion	Ratio	Lower	Upper
94	100		
65	41.8	23.4	63.4
66	96.1	54.7	94.7#



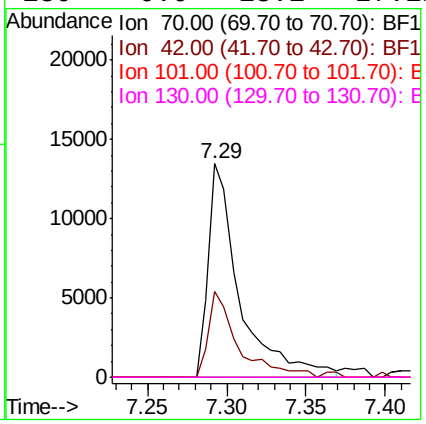


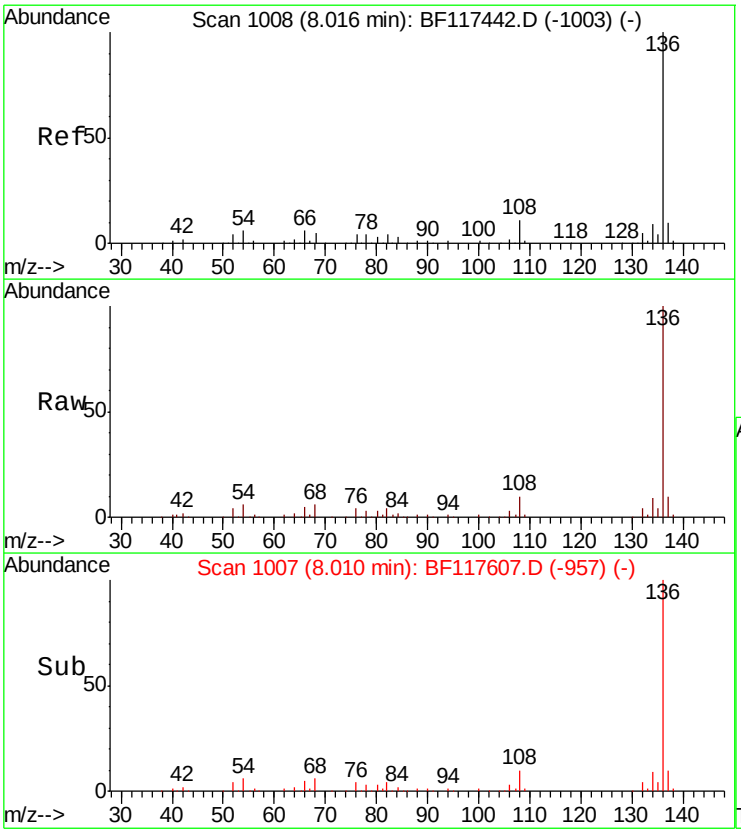
#19
n-Nitroso-di-n-propylamine
Concen: 10.240 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 18746

Ion	Ratio	Lower	Upper
70	100		
42	40.0	36.7	55.1
101	0.0	8.3	12.5#
130	0.0	18.1	27.1#

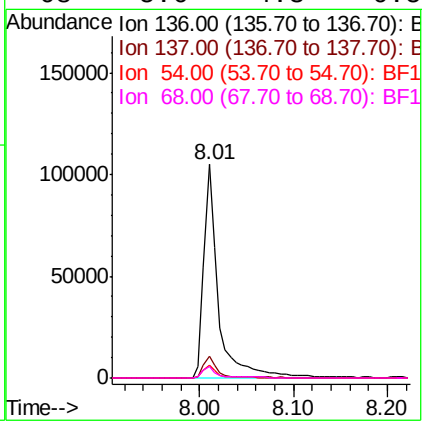


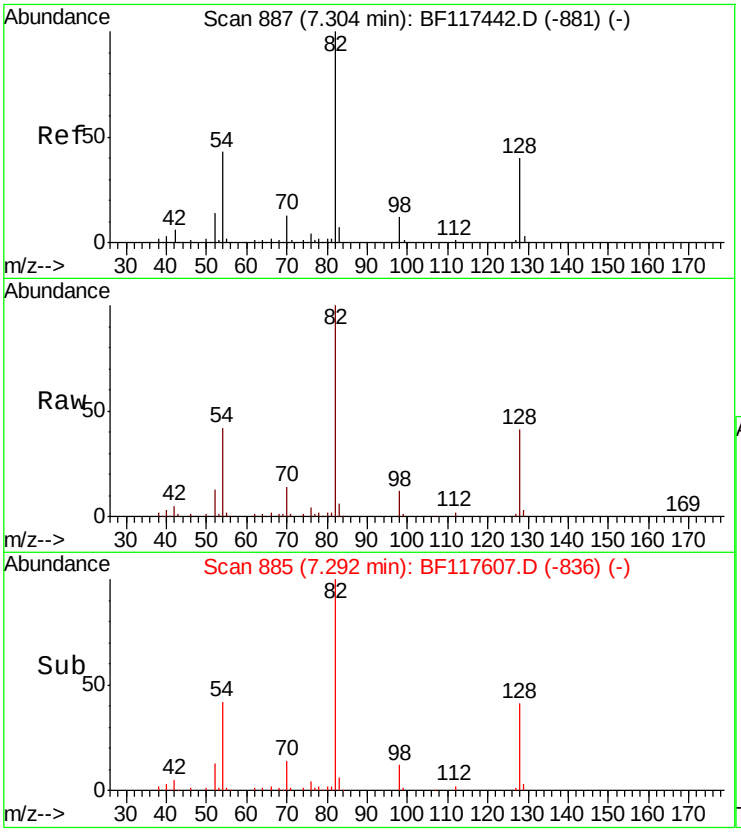


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:136 Resp: 115382

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	6.1	4.5	6.7
68	5.6	4.3	6.5



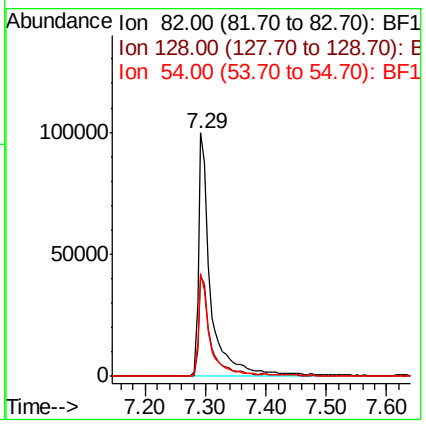


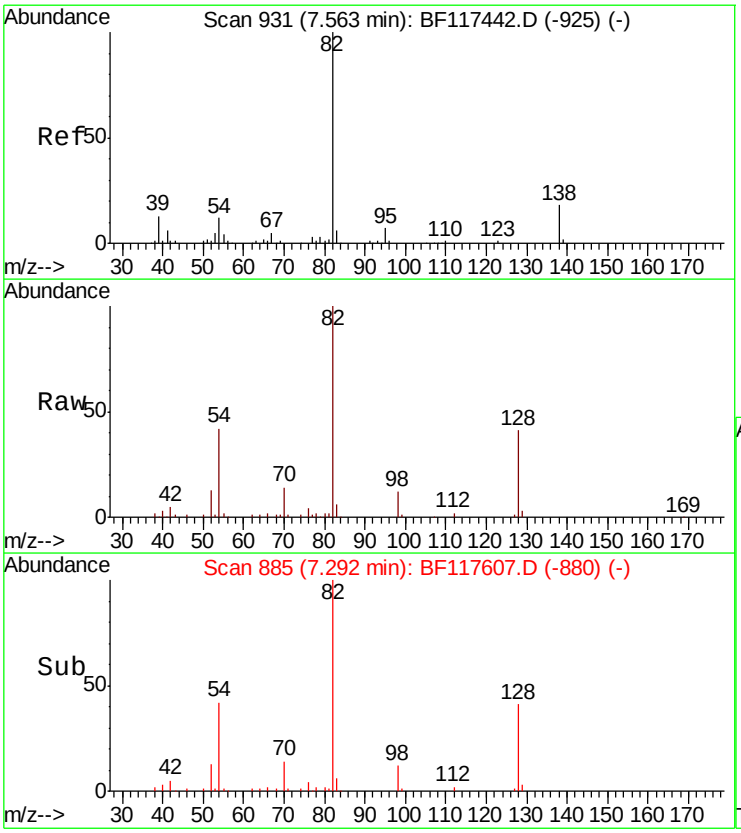
#23
Nitrobenzene-d5
Concen: 60.922 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 142387

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.2	48.2
54	42.4	34.2	51.2

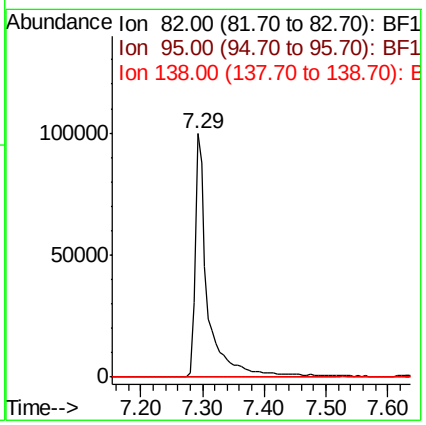


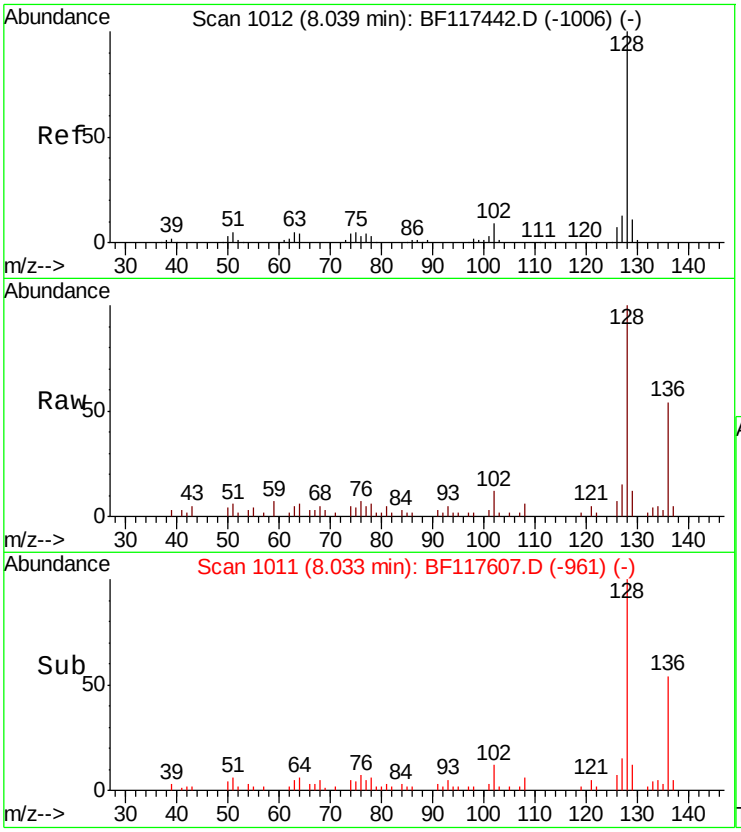


#25
Isophorone
Concen: 35.217 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion: 82 Resp: 142386

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#



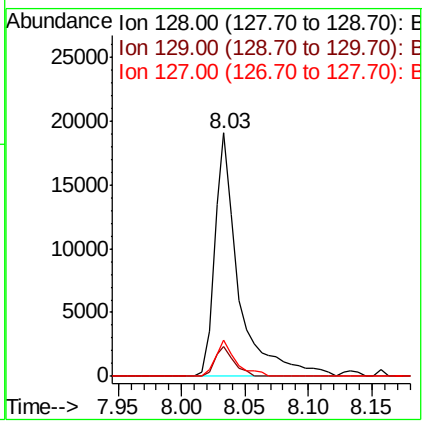


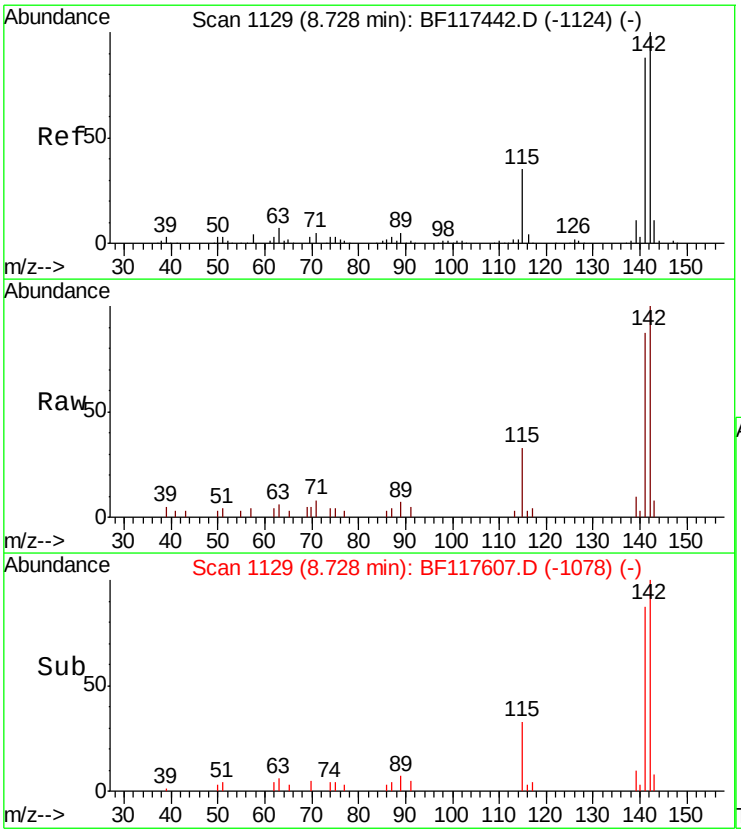
#31
Naphthalene
Concen: 4.401 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 25168

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.4
127	14.9	10.2	15.2

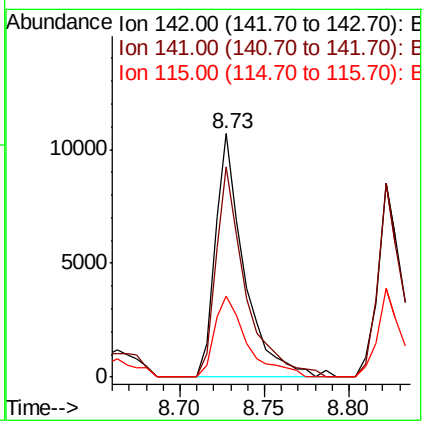


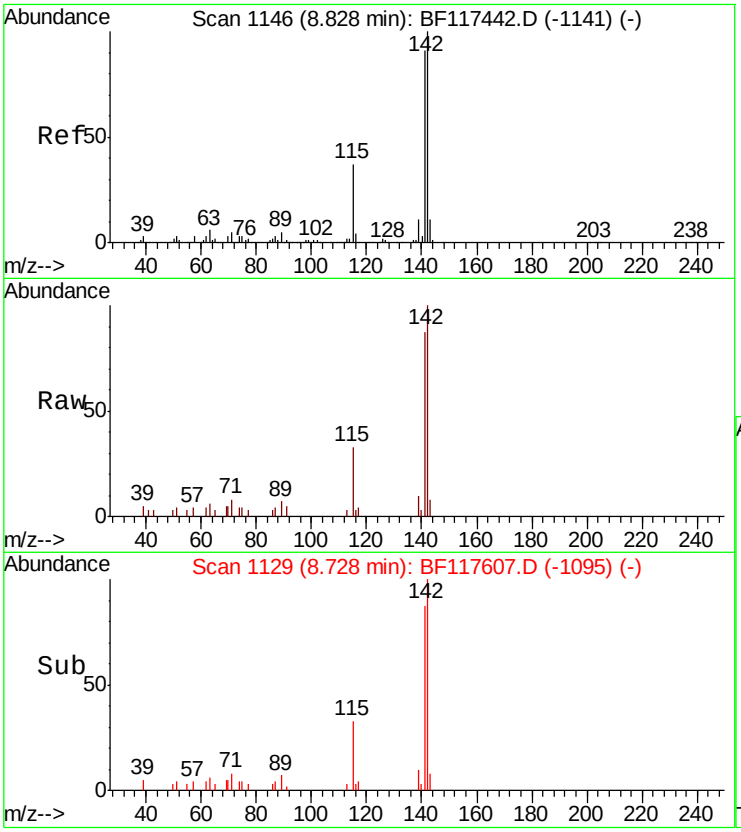


#37
2-Methylnaphthalene
Concen: 3.310 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:142 Resp: 12757

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.3	105.5
115	33.3	28.2	42.2



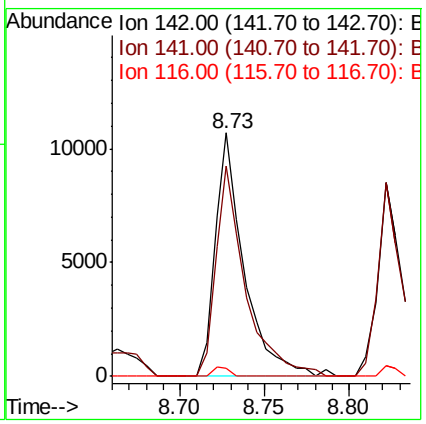


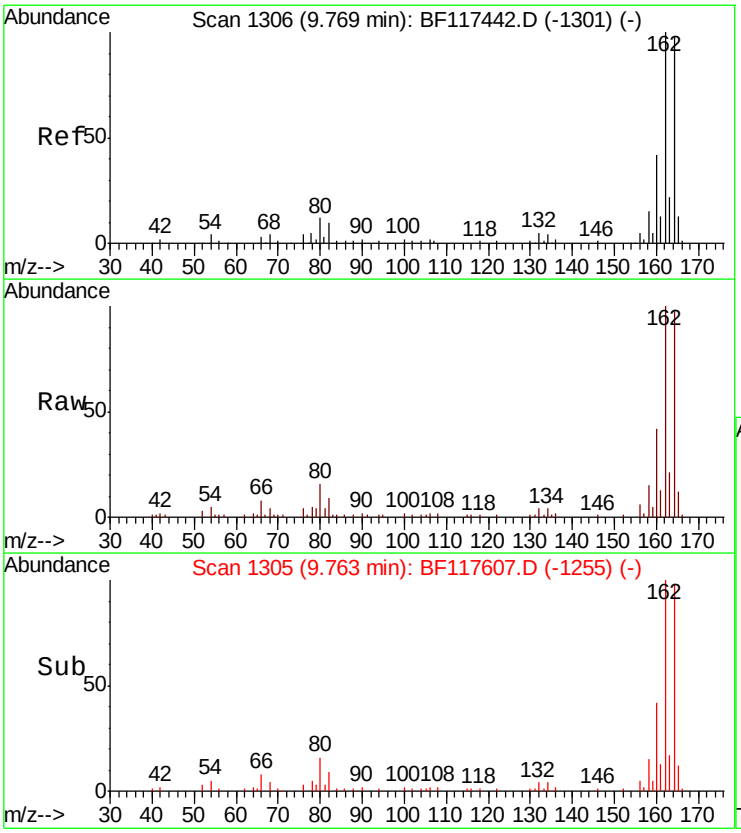
#38
1-Methylnaphthalene
Concen: 3.523 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.10 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 12757

Ion	Ratio	Lower	Upper
142	100		
141	86.5	73.3	109.9
116	3.3	3.1	4.7

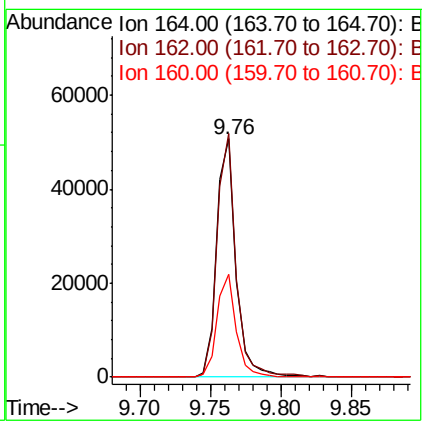


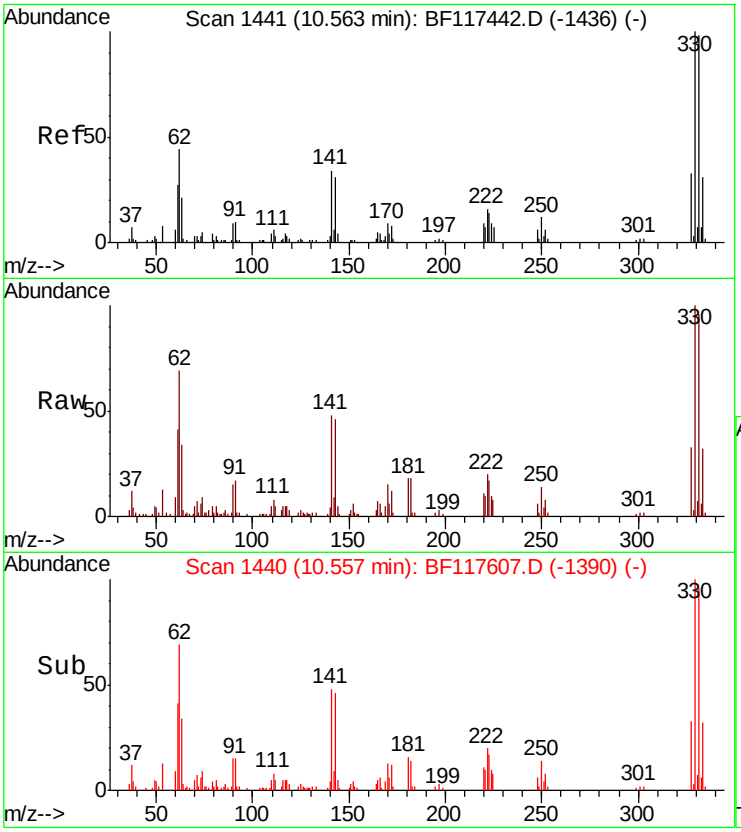


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:164 Resp: 48421

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.6
160	43.1	34.4	51.6



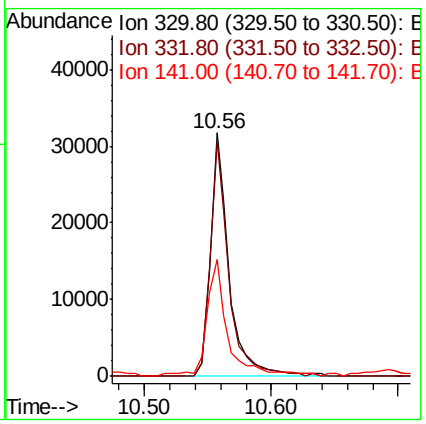


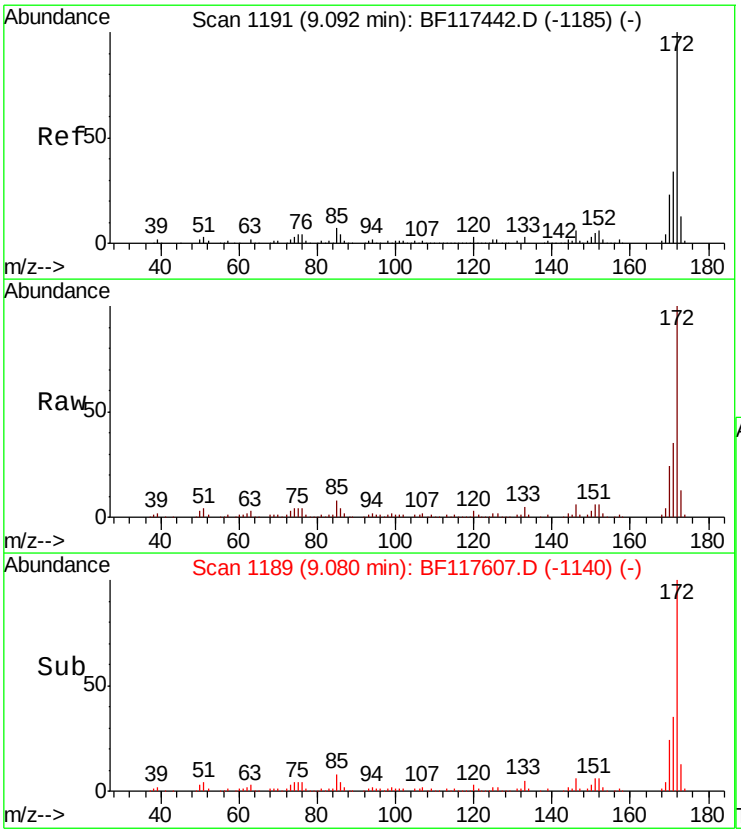
#42
2,4,6-Tribromophenol
Concen: 78.644 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 32949

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.5	117.7
141	54.7	37.0	55.6

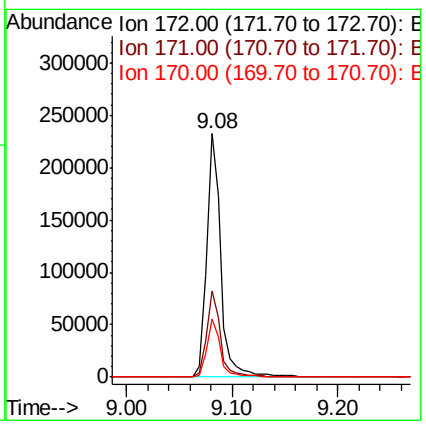


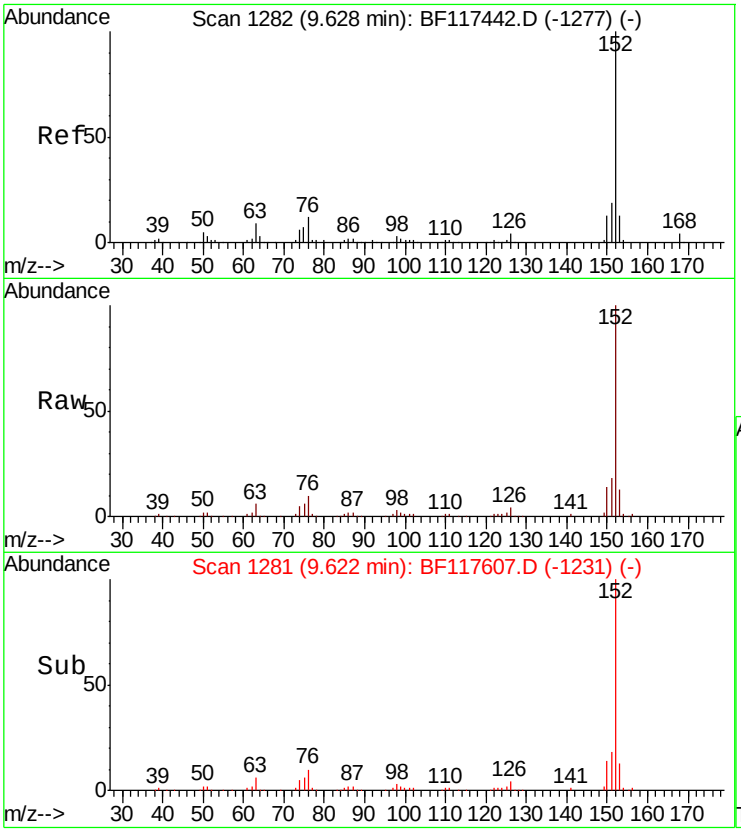


#45
2-Fluorobiphenyl
Concen: 63.559 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:172 Resp: 218425

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.5	41.3
170	24.0	18.6	27.8



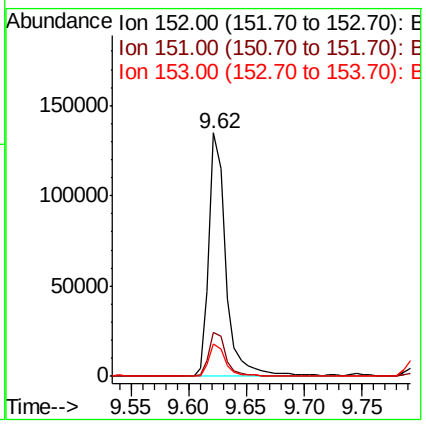


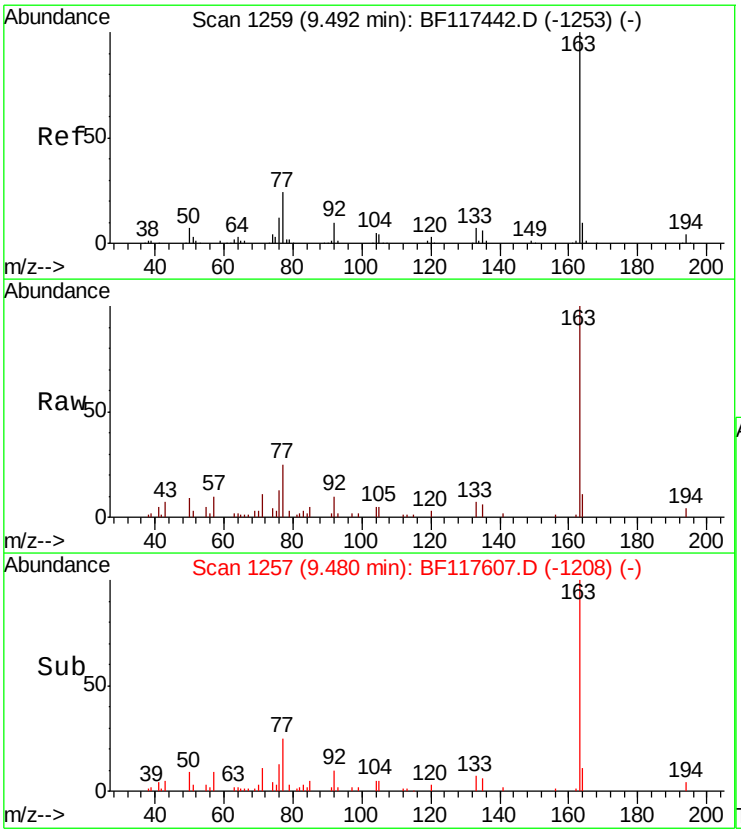
#49
Acenaphthylene
Concen: 31.424 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139504

Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.4	23.0
153	13.4	10.3	15.5

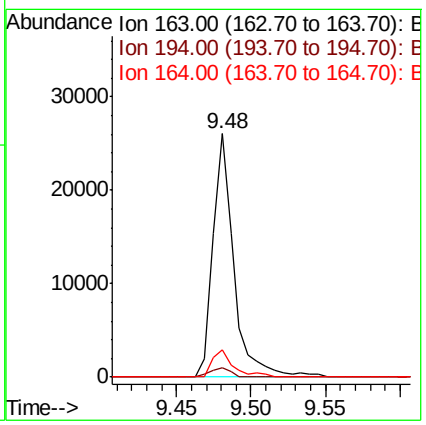


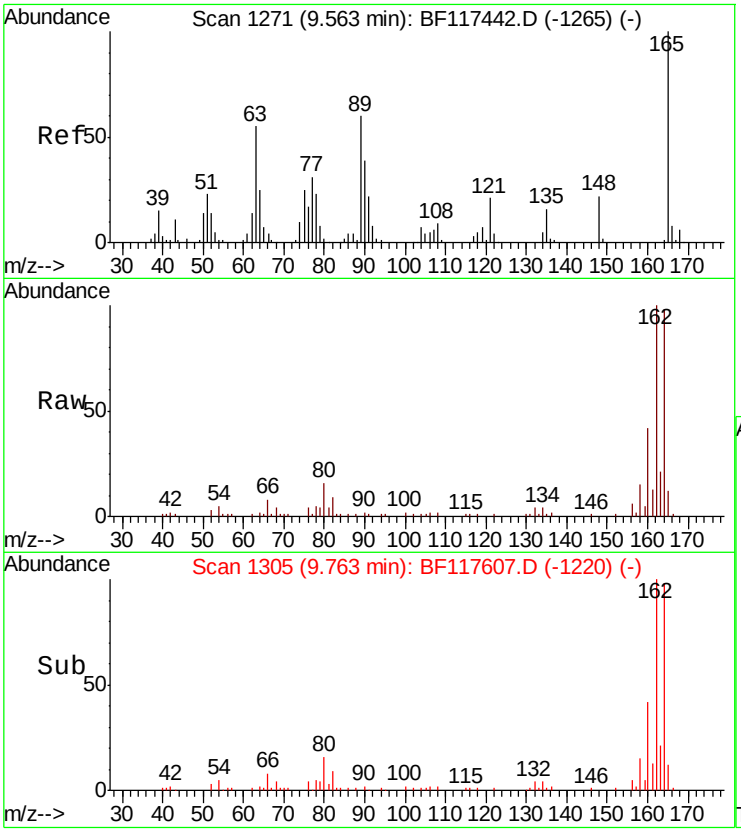


#50
Dimethylphthalate
Concen: 7.352 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:163 Resp: 25380

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	11.2	8.2	12.2



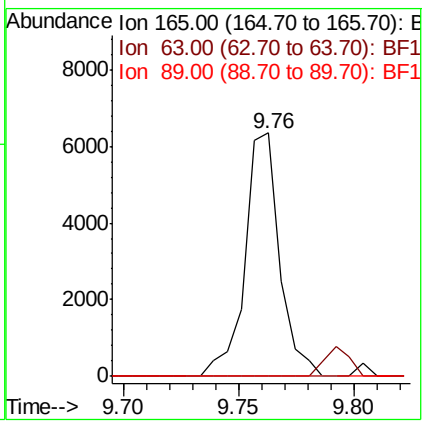


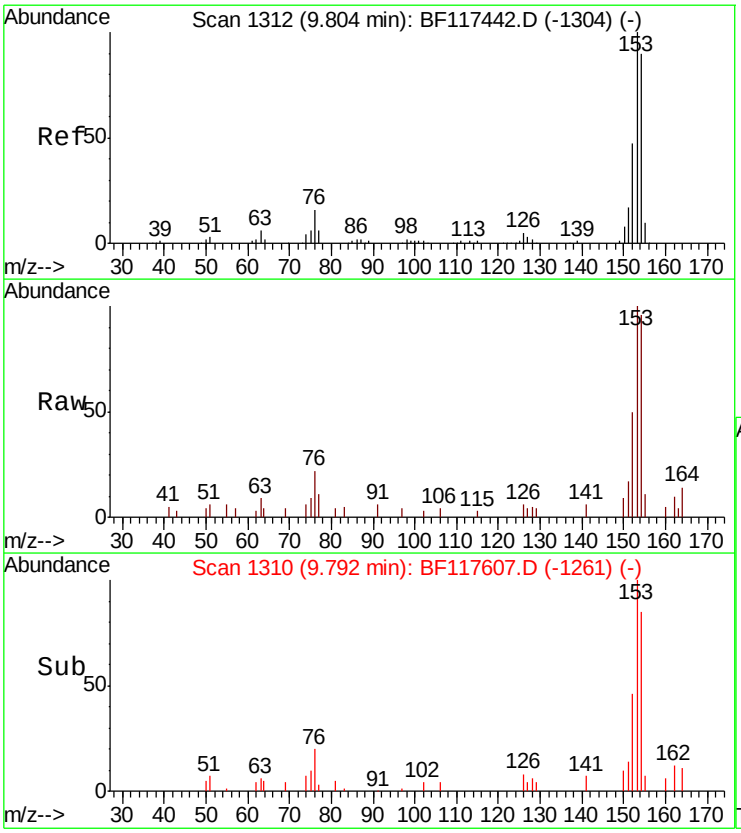
#51
2,6-Dinitrotoluene
Concen: 9.308 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 6705

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	47.6	71.4#

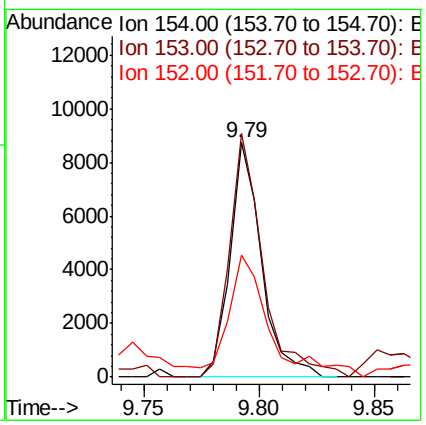


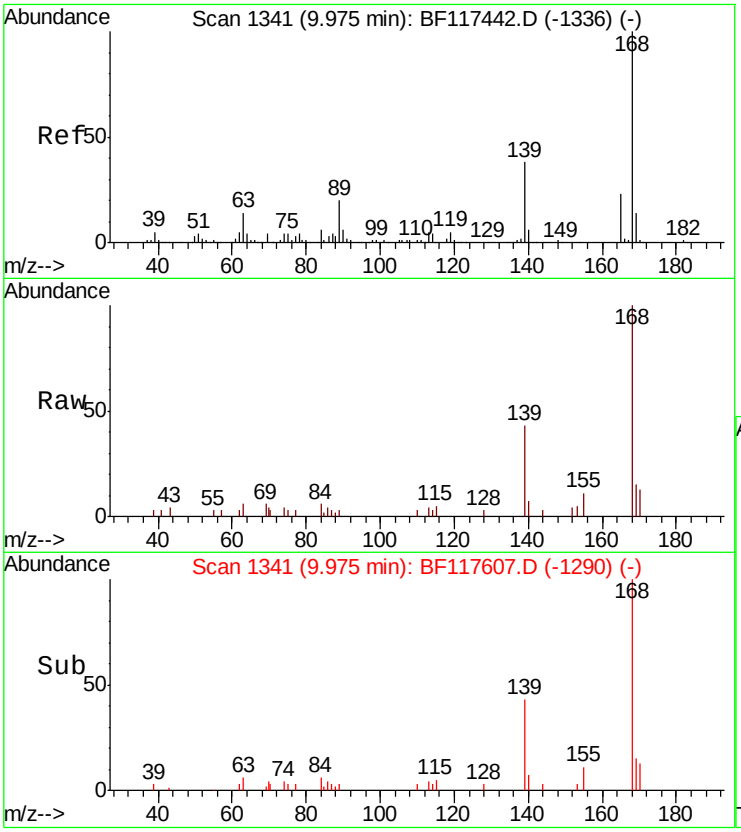


#52
Acenaphthene
Concen: 3.037 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:154 Resp: 8272

Ion	Ratio	Lower	Upper
154	100		
153	103.8	89.2	133.8
152	51.9	41.8	62.6



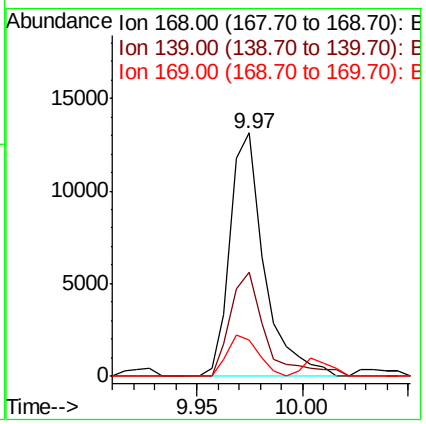


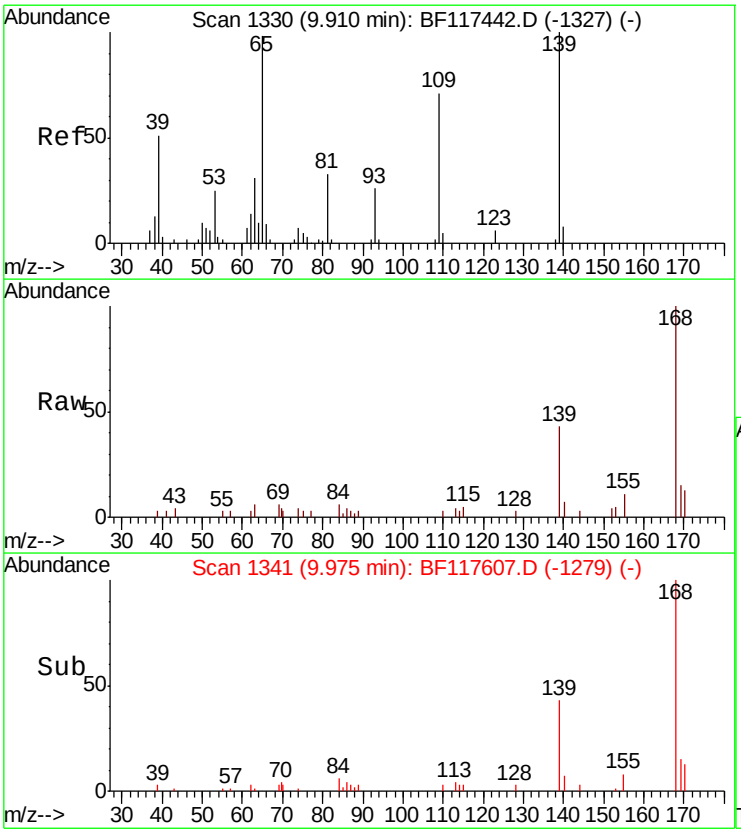
#55
Dibenzofuran
Concen: 3.737 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 14748

Ion	Ratio	Lower	Upper
168	100		
139	42.7	31.8	47.6
169	14.8	11.2	16.8

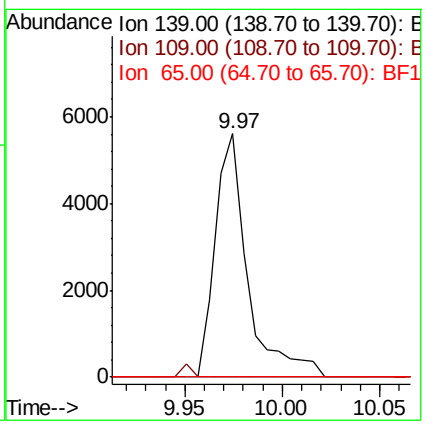


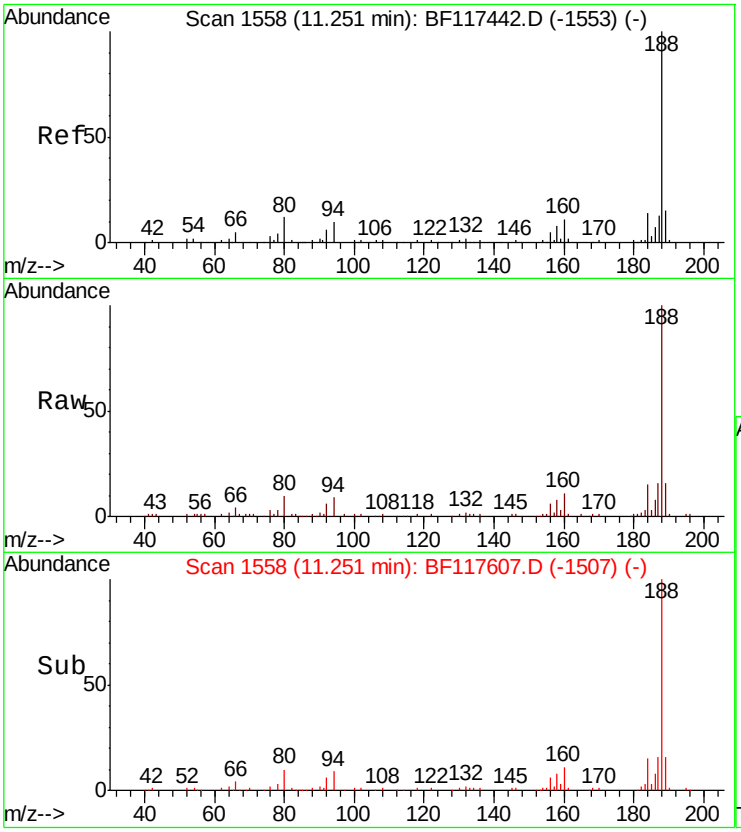


#56
4-Nitrophenol
Concen: 19.330 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:139 Resp: 6448

Ion	Ratio	Lower	Upper
139	100		
109	0.0	51.4	91.4#
65	0.0	79.4	119.4#



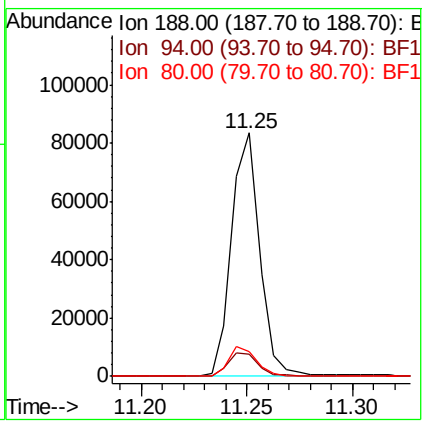


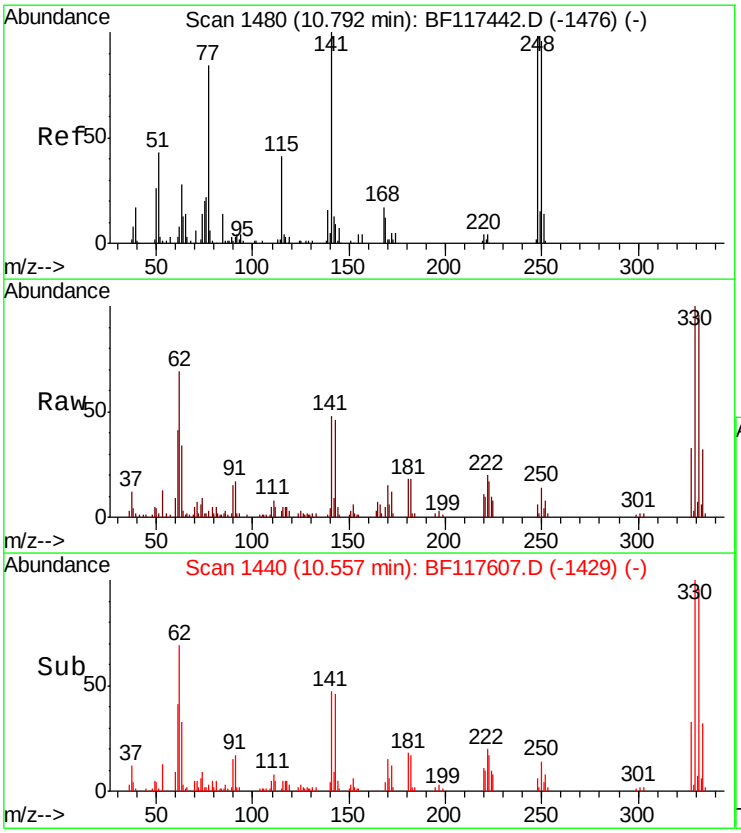
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 76886

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	10.4	9.5	14.3

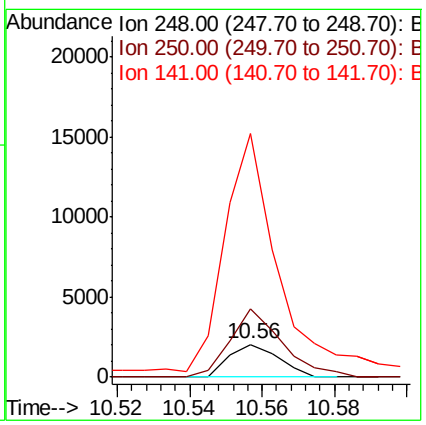


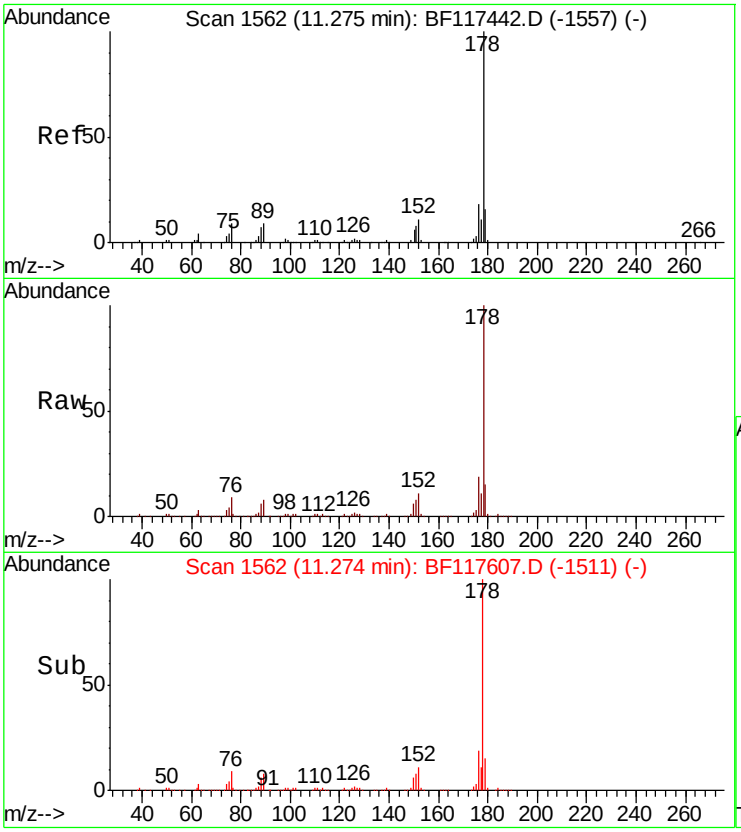


#67
4-Bromophenyl-phenylether
Concen: 2.351 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:248 Resp: 1947

Ion	Ratio	Lower	Upper
248	100		
250	153.2	78.0	117.0#
141	542.5	81.7	122.5#



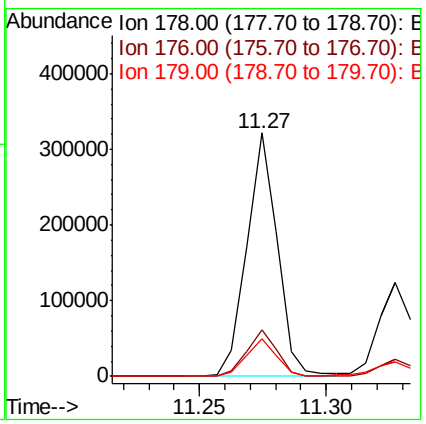


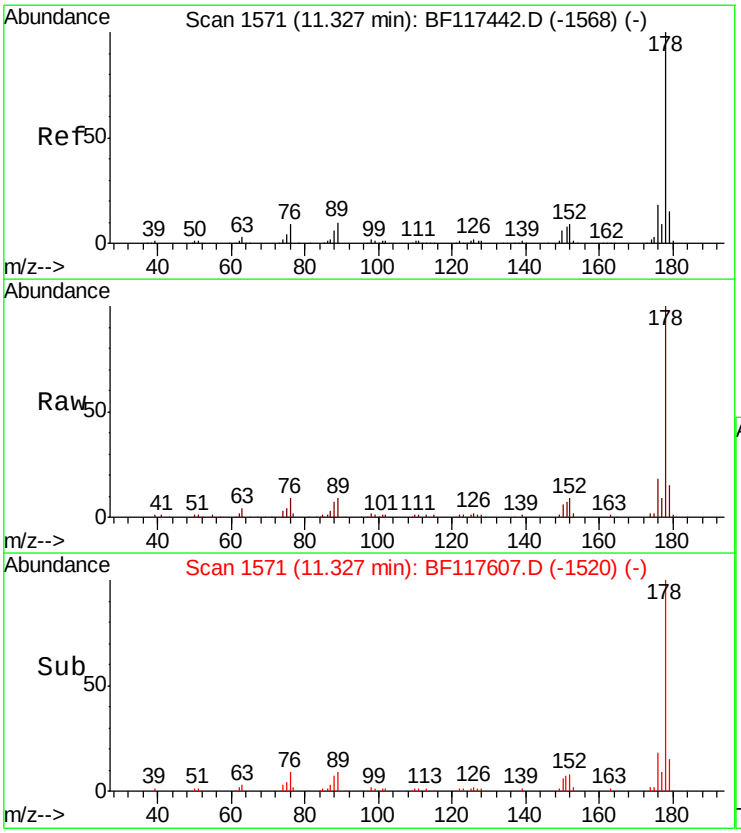
#71
Phenanthrene
Concen: 60.756 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 271245

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.4	12.6	19.0

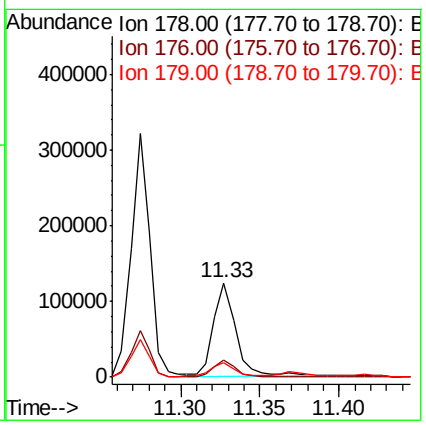


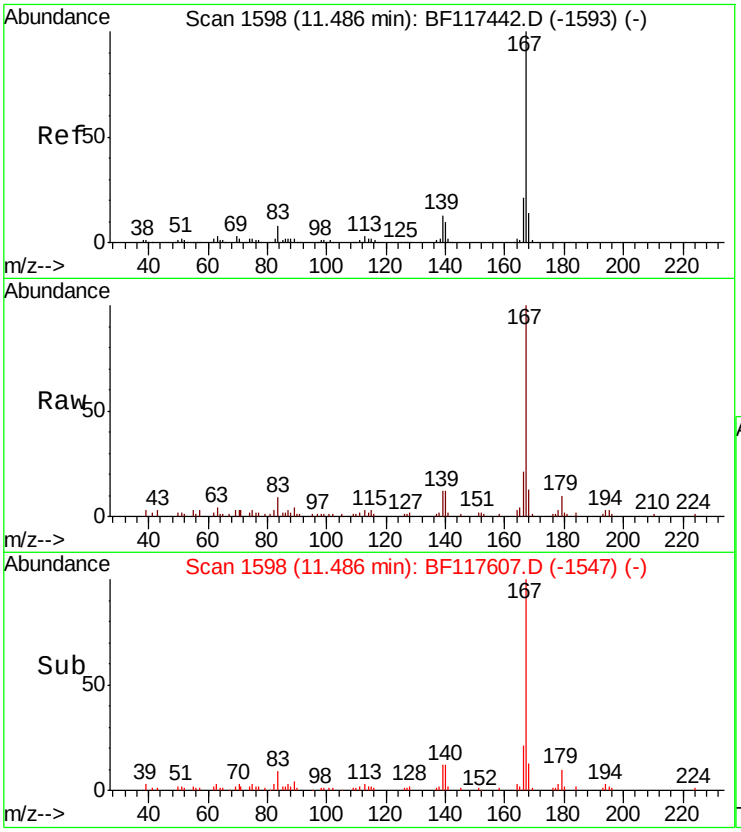


#72
Anthracene
Concen: 26.555 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:178 Resp: 121642

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.3	12.2	18.2



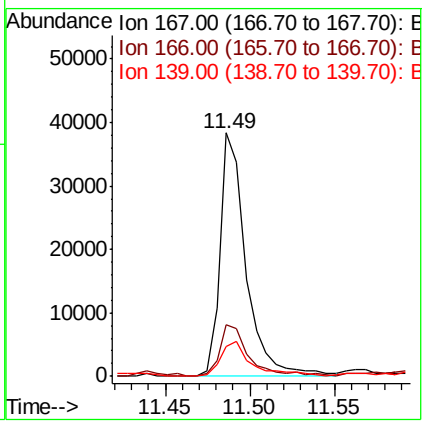


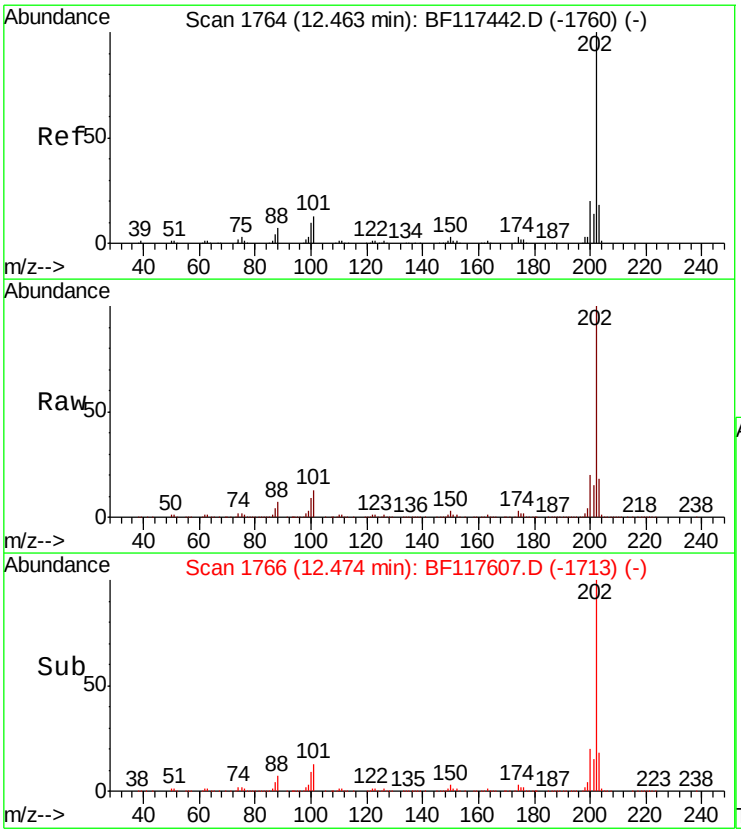
#73
Carbazole
Concen: 9.856 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 41261

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.1	10.6	16.0

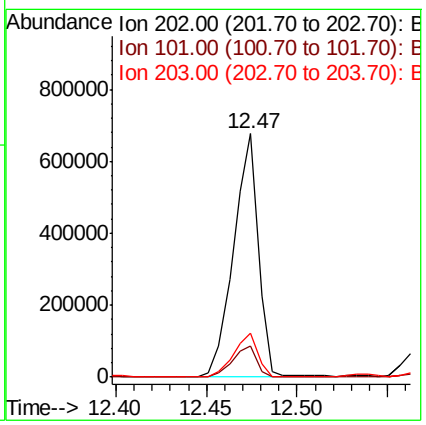


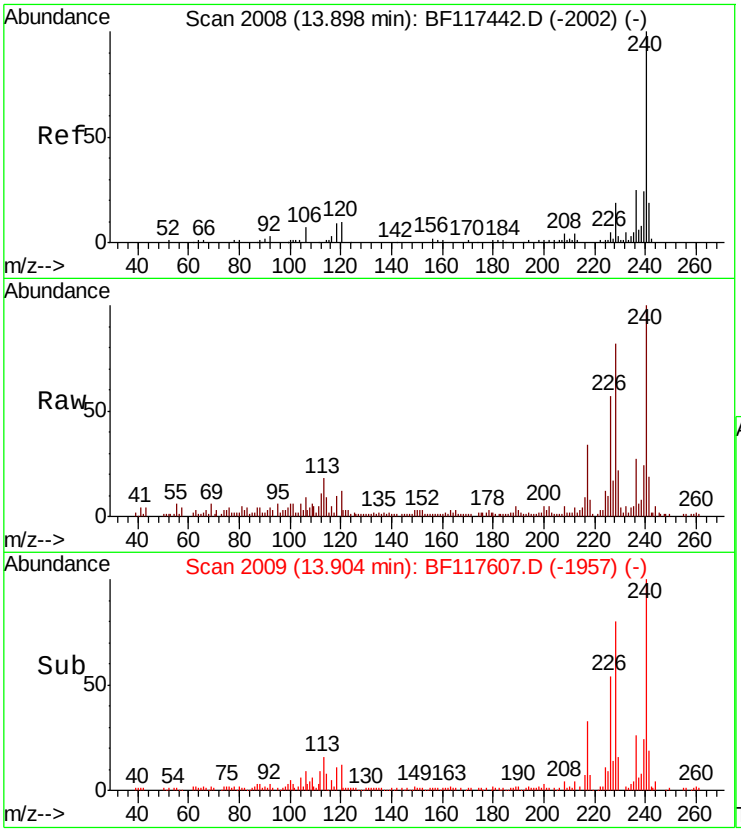


#75
Fluoranthene
Concen: 144.038 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:202 Resp: 643748

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.7
203	17.8	0.0	37.6



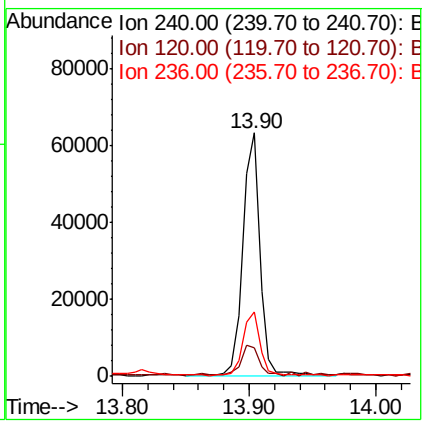


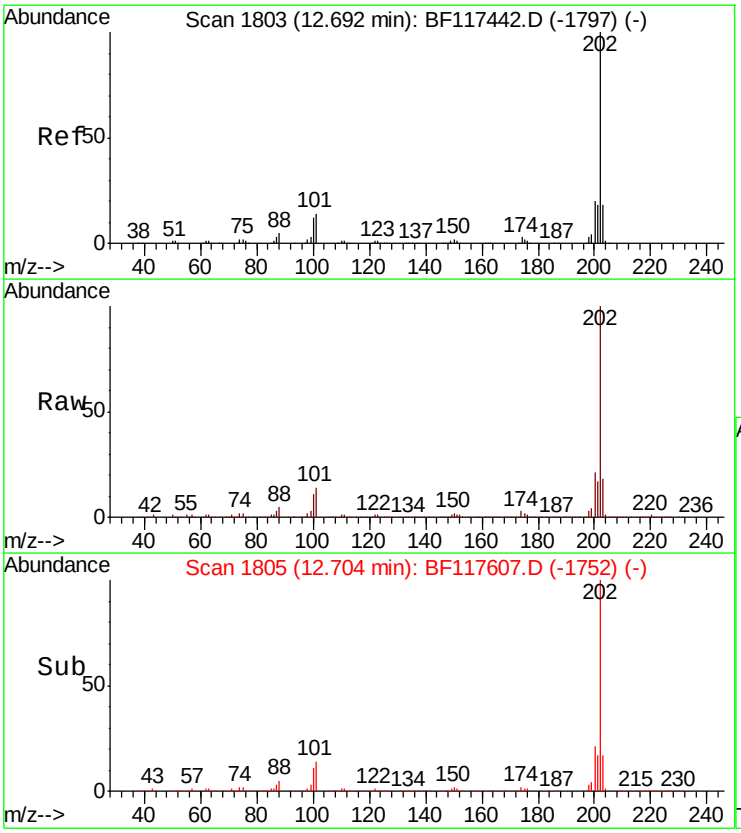
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 59878

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.4	12.6
236	26.7	20.0	30.0

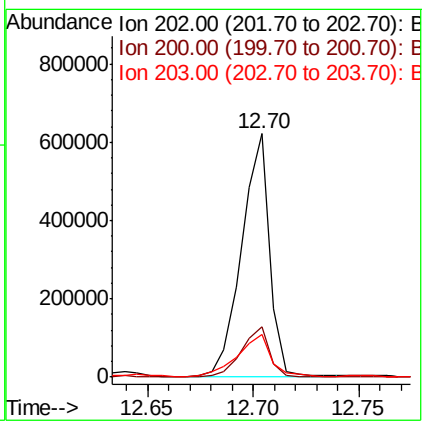


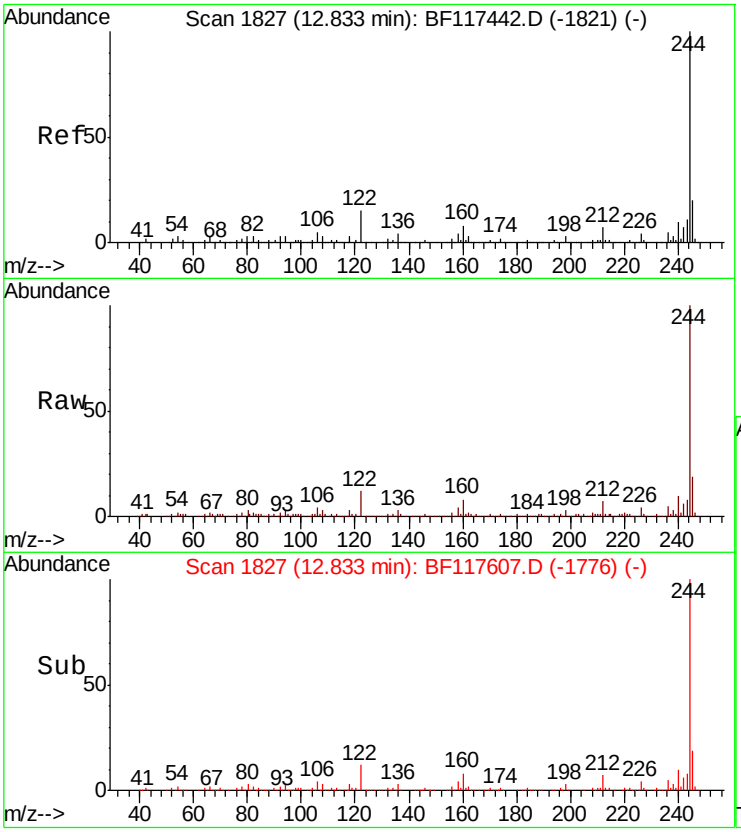


#78
Pyrene
Concen: 110.754 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:202 Resp: 569630

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.2	24.2
203	17.6	14.0	21.0



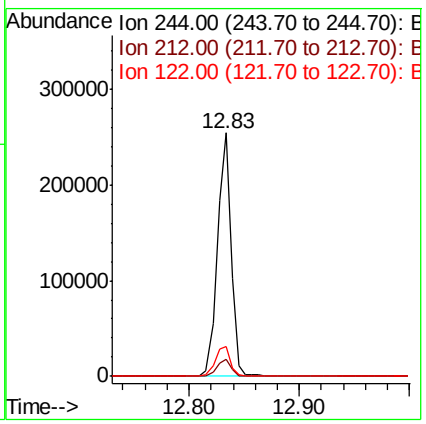


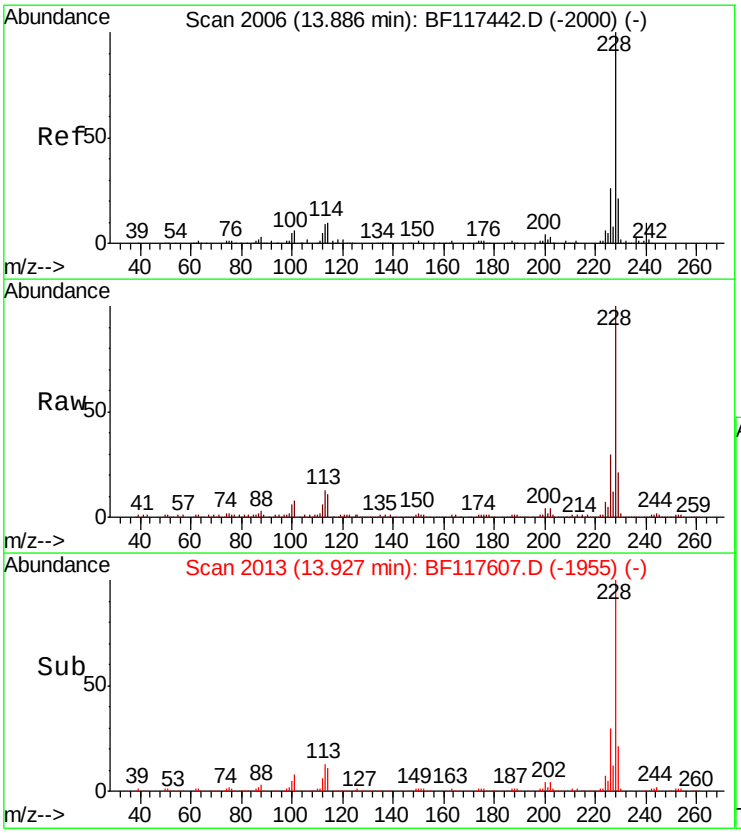
#79
Terphenyl-d14
Concen: 60.001 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 220264

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	12.1	11.8	17.8

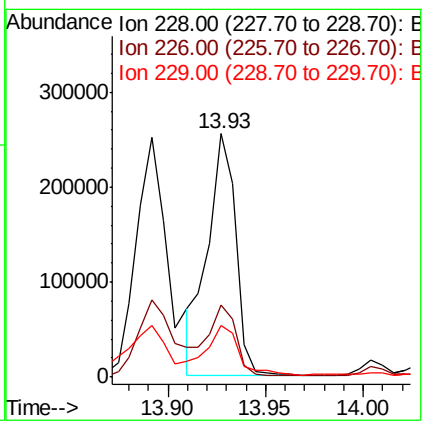


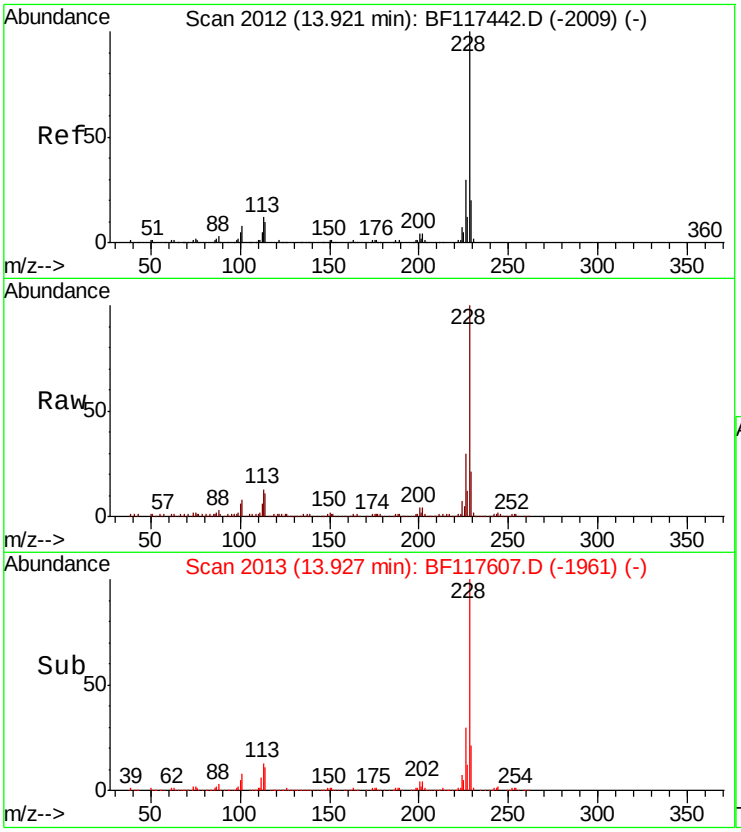


#81
Benzo(a)anthracene
Concen: 64.019 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.04 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:228 Resp: 258575

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.0	31.4
229	21.4	16.4	24.6



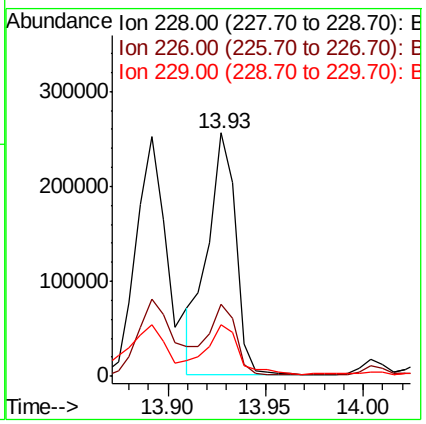


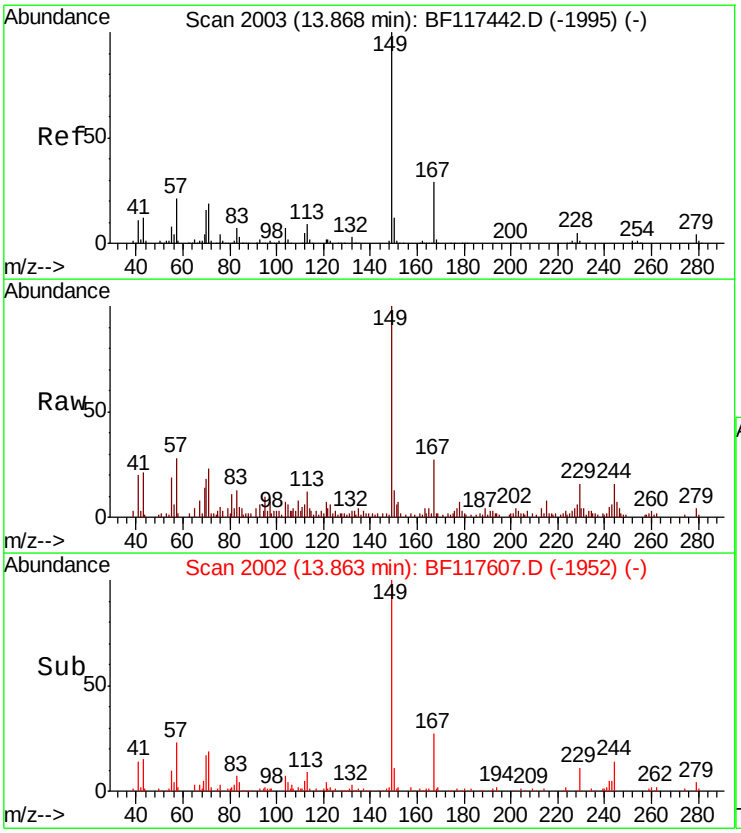
#83
Chrysene
Concen: 65.322 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 258575

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	21.4	15.8	23.6

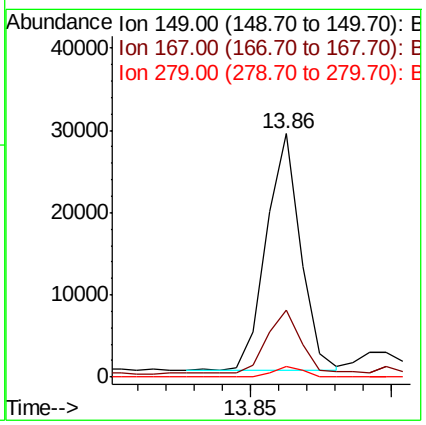


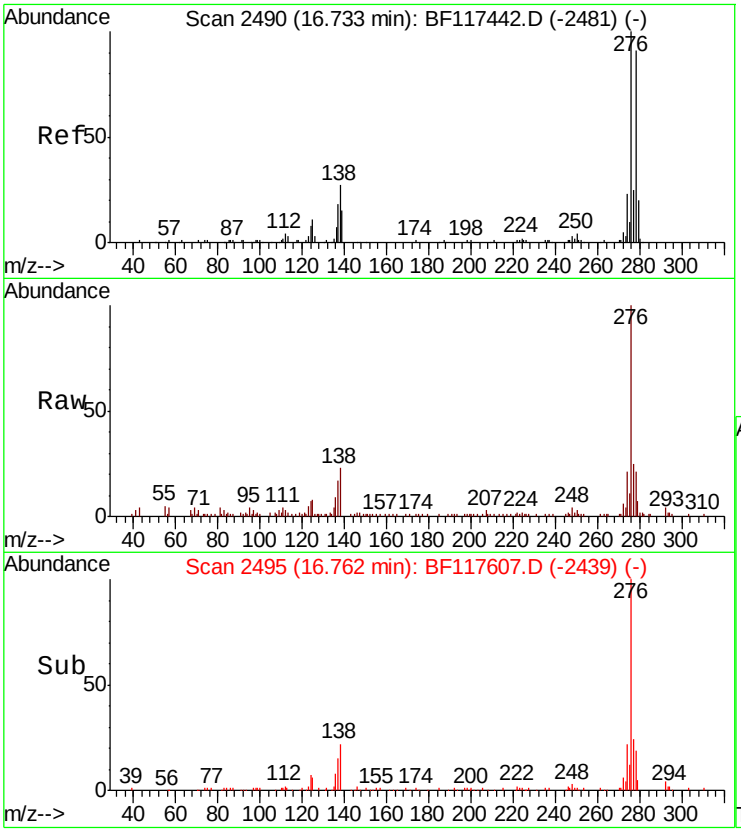


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.715 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:149 Resp: 24075

Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.3	34.9
279	4.1	3.2	4.8



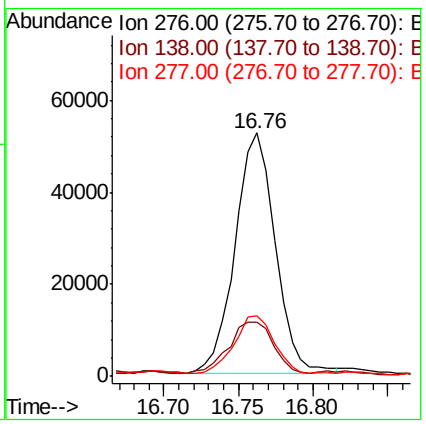


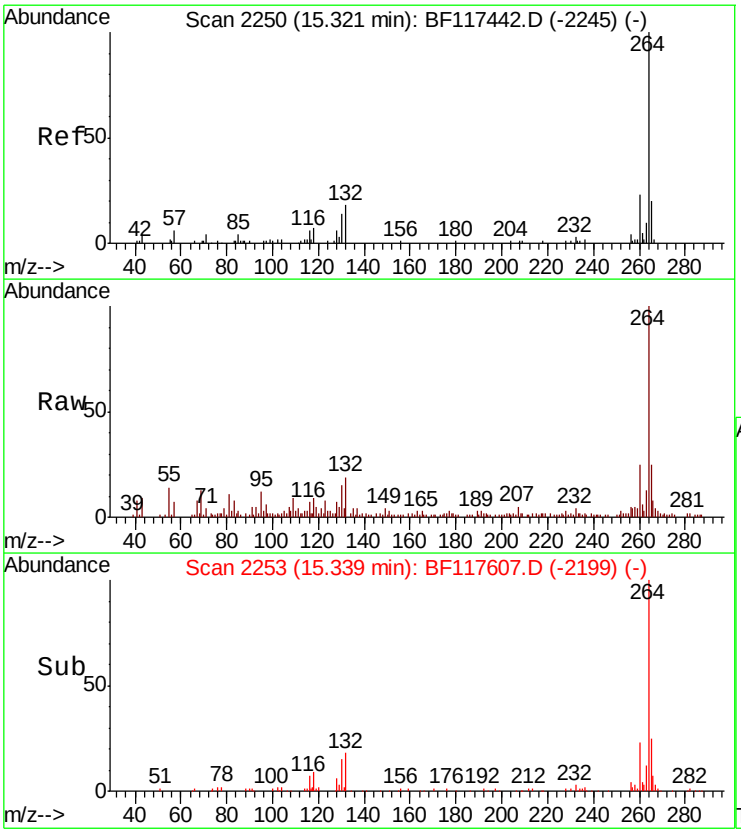
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.863 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.03 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 97123

Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.8	32.8
277	23.9	20.0	30.0

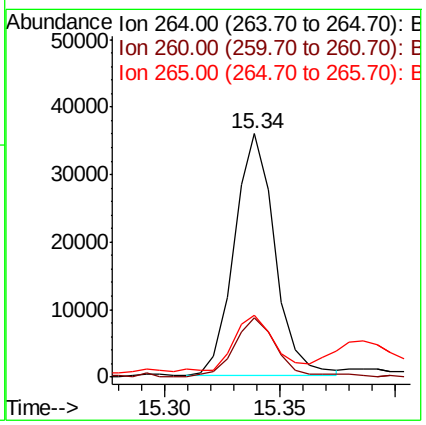


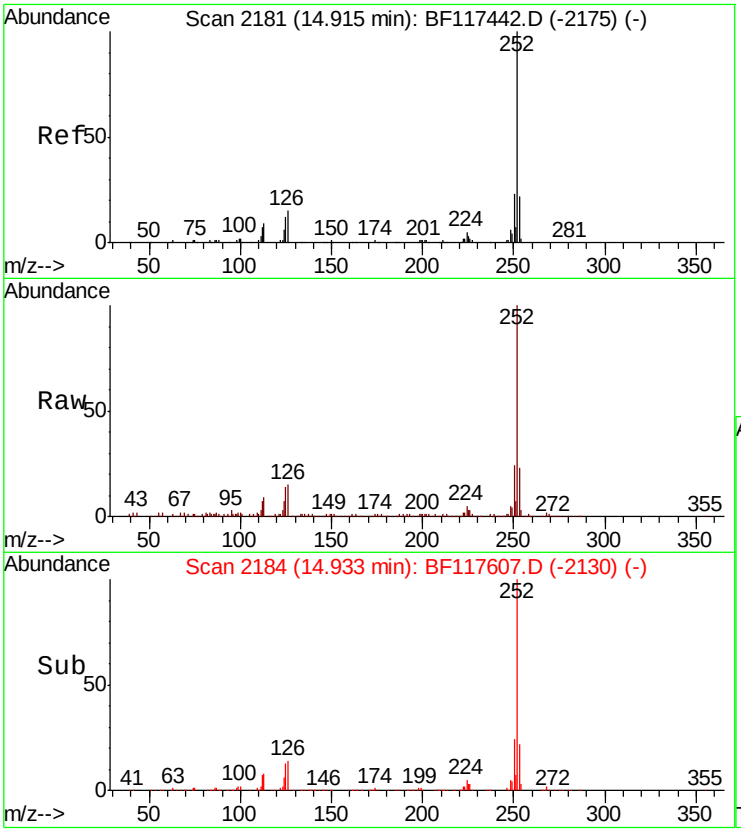


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:264 Resp: 43406

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	25.4	16.1	24.1#



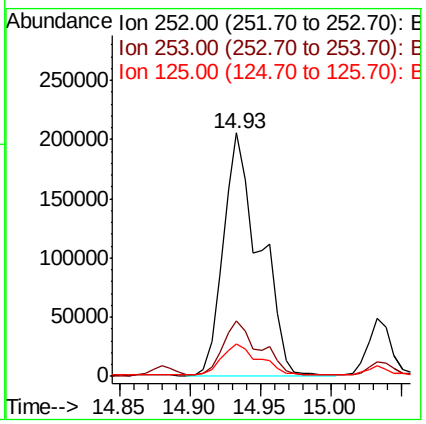


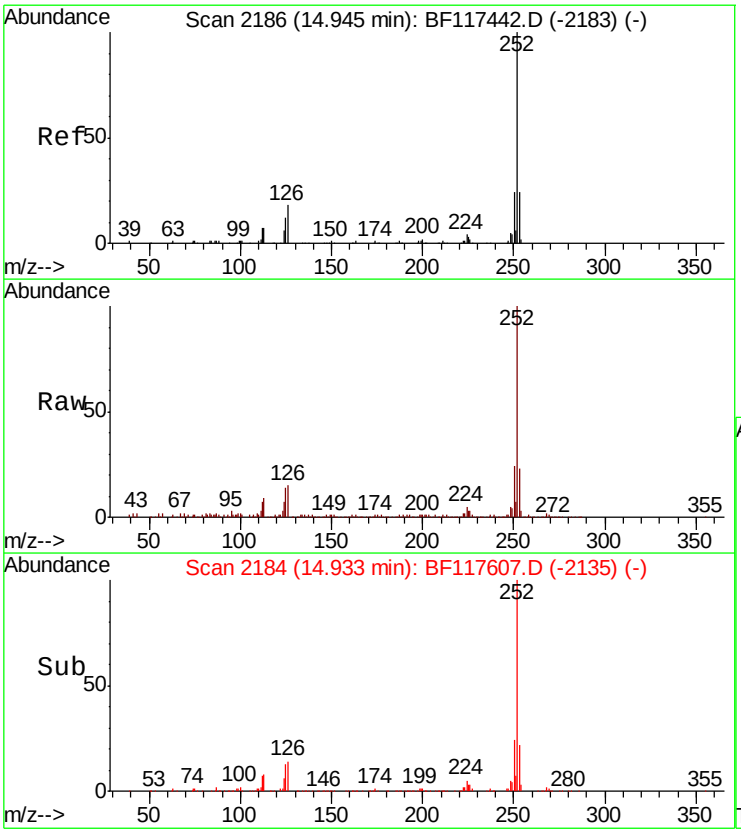
#88
Benzo(b)fluoranthene
Concen: 142.998 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.02 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 366529

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.5	9.9	14.9

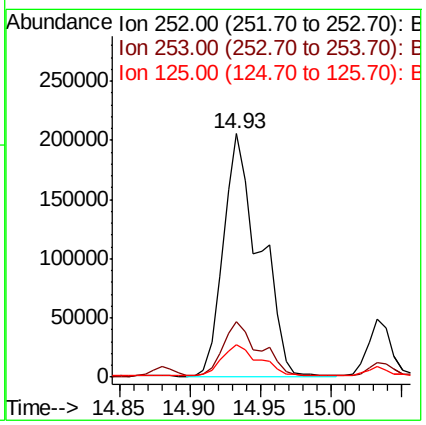


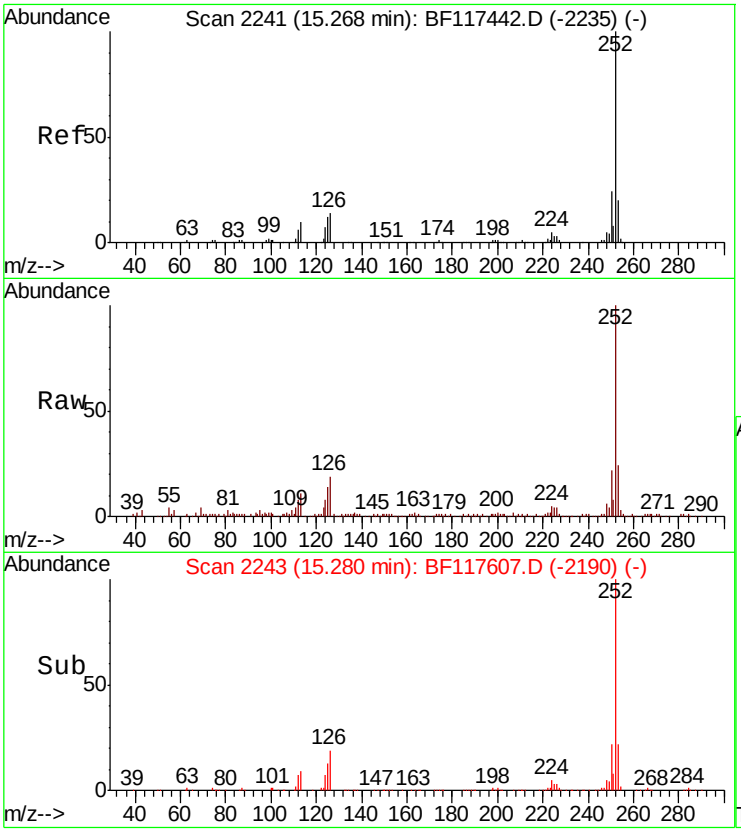


#89
Benzo(k)fluoranthene
Concen: 139.519 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:252 Resp: 366529

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.5	8.9	13.3#



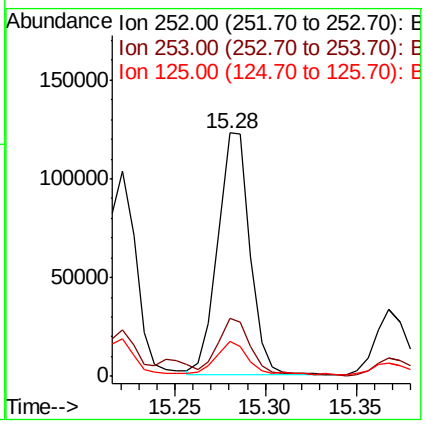


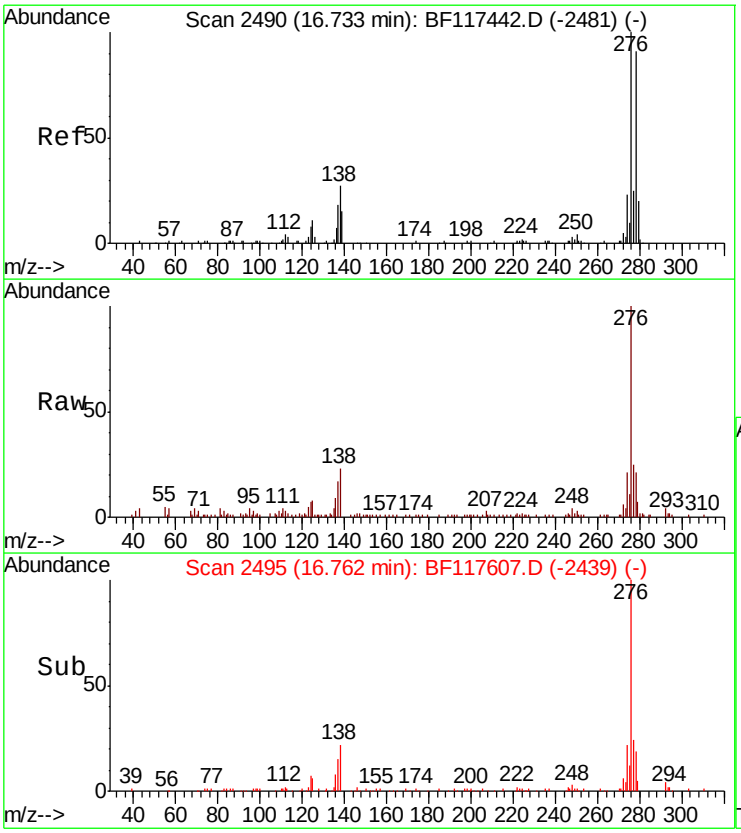
#90
Benzo(a)pyrene
Concen: 65.222 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 151996

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.3	24.5
125	14.1	9.2	13.8#

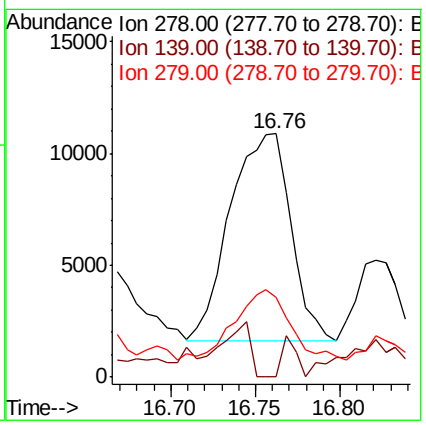


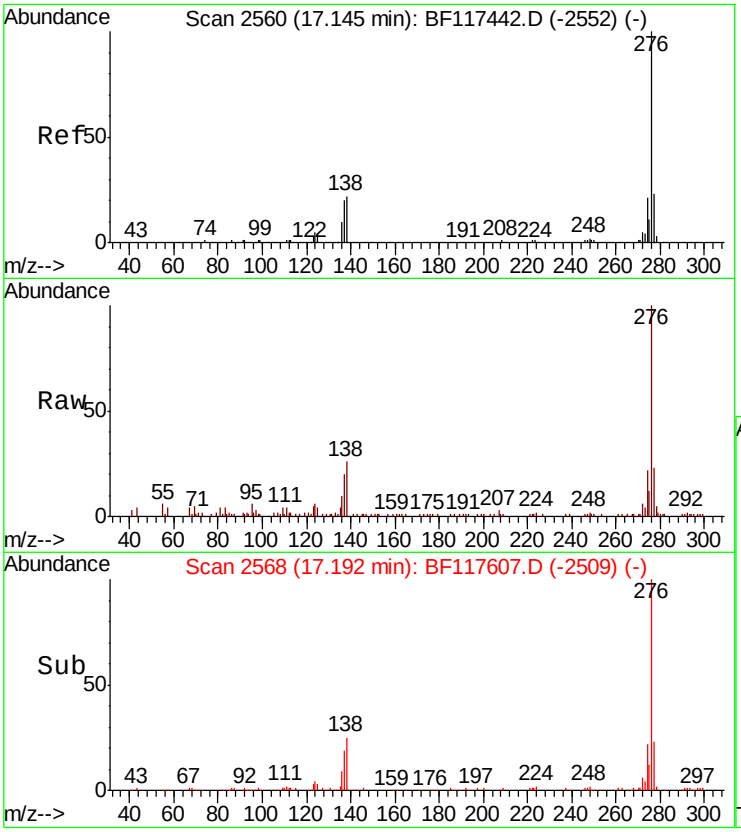


#91
Dibenzo(a,h)anthracene
Concen: 11.418 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.03 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Tgt Ion:278 Resp: 23008

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	32.6	17.8	26.6#





#92
Benzo(g,h,i)perylene
Concen: 47.072 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.05 min
Lab File: BF117607.D
Acq: 29 Oct 2019 23:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 89748

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	25.6	17.8	26.6