Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117630.D
Acq On : 30 Oct 2019 17:46
Operator : JU
Sample : K5542-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 31 01:25:13 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	37315	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	149851	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	71249	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	104221	20.00	ng		0.00
76) Chrysene-d12	13.90	240	79500	20.00	ng		0.00
87) Perylene-d12	15.33	264	65105	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	207246	82.63	ng		0.00
7) Phenol-d6	6.39	99	287716	85.41	ng		0.00
23) Nitrobenzene-d5	7.29	82	167995	55.35	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	44784	72.64	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	291770	57.70	ng		-0.01
79) Terphenyl-d14	12.83	244	241391	49.53	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.39	77	294	Below Cal		#	3
10) Phenol	6.40	94	7879	2.292	ng	#	70
19) n-Nitroso-di-n-propylamine	7.29	70	21160	10.285	ng	#	77
25) Isophorone	7.29	82	167994	31.993	ng	#	65
50) Dimethylphthalate	9.48	163	43372	8.539	ng		99
51) 2,6-Dinitrotoluene	9.76	165	9452	8.918	ng	#	25
52) Acenaphthene	9.79	154	29108	7.263	ng		99
55) Dibenzofuran	9.97	168	30041	5.174	ng		96
56) 4-Nitrophenol	9.97	139	11468	22.502	ng	#	6
57) 2,4-Dinitrotoluene	9.76	165	9452	6.707	ng	#	14
58) Fluorene	10.31	166	46447	9.673	ng		97
67) 4-Bromophenyl-phenylether	10.56	248	2589	2.306	ng	#	1
71) Phenanthrene	11.27	178	445716	73.651	ng		99
72) Anthracene	11.33	178	145729	23.469	ng		98
73) Carbazole	11.49	167	40784	7.187	ng		99
75) Fluoranthene	12.47	202	495751	81.831	ng		99
77) Benzidine	12.83	184	3582	Below Cal		#	91
78) Pyrene	12.70	202	398332	58.333	ng		100
81) Benzo(a)anthracene	13.89	228	185547	34.600	ng		99
83) Chrysene	13.92	228	149324	28.412	ng		99
86) Indeno(1,2,3-cd)pyrene	16.75	276	53442	13.620	ng		95
88) Benzo(b)fluoranthene	14.93	252	206337	53.670	ng		98
89) Benzo(k)fluoranthene	14.93	252	206337	52.364	ng		97
90) Benzo(a)pyrene	15.27	252	102609	29.355	ng	#	94
91) Dibenzo(a,h)anthracene	16.74	278	11229	3.715	ng	#	75
92) Benzo(g,h,i)perylene	17.18	276	46743	16.345	ng		94

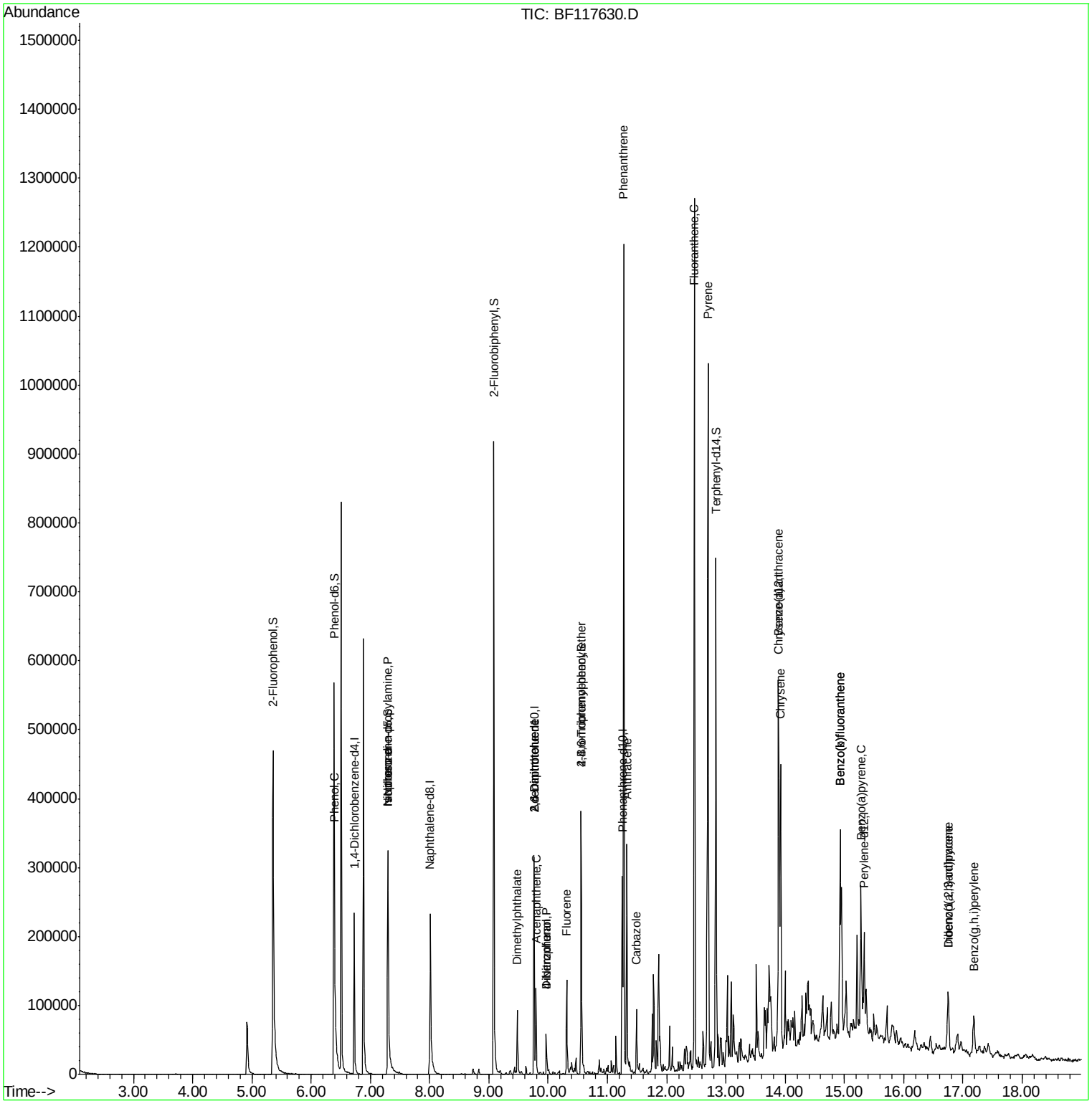
(#) = qualifier out of range (m) = manual integration (+) = signals summed

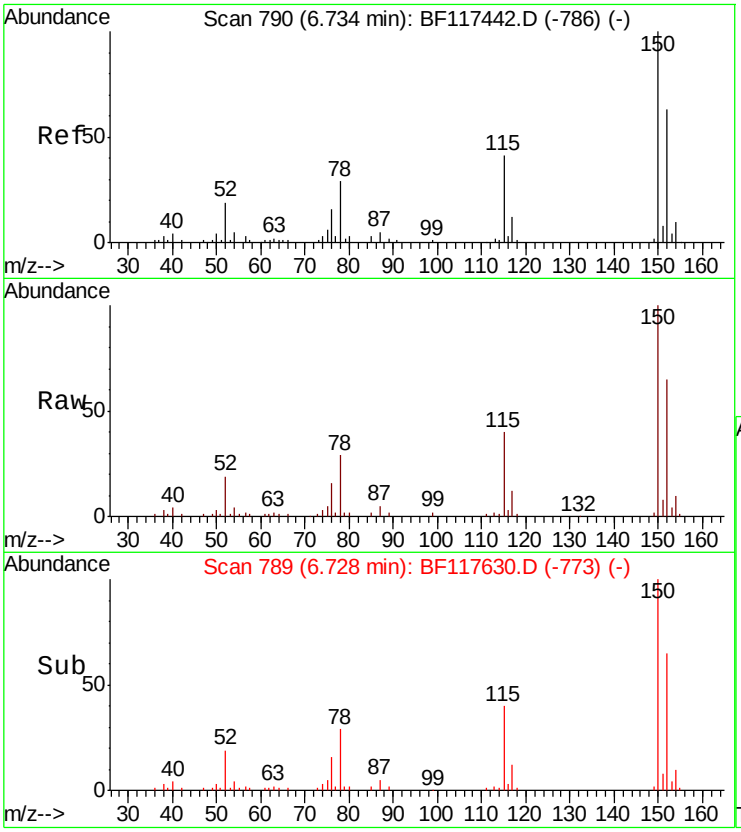
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117630.D
Acq On : 30 Oct 2019 17:46
Operator : JU
Sample : K5542-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 31 01:25:13 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



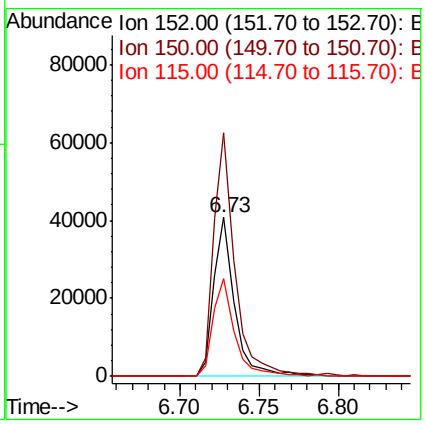


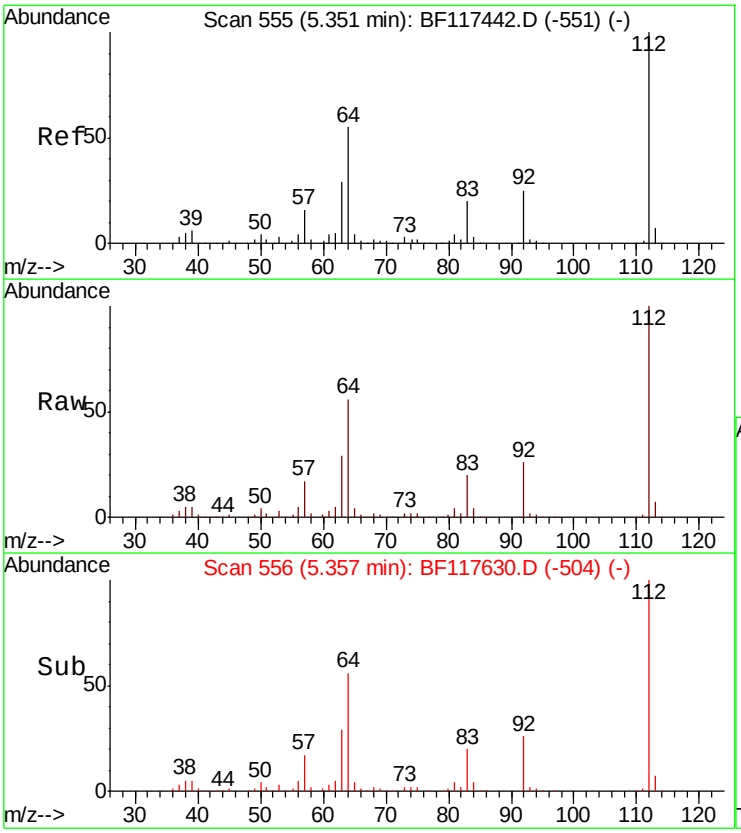
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 37315

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.8	190.2
115	61.7	51.6	77.4

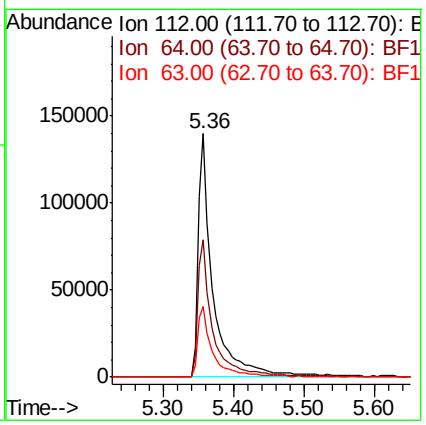


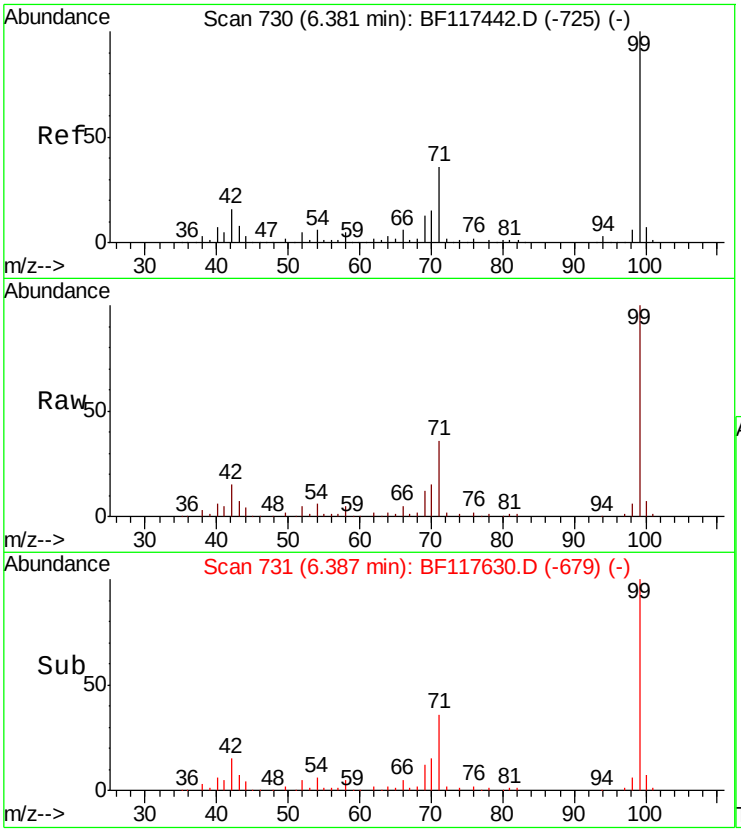


#5
2-Fluorophenol
Concen: 82.626 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:112 Resp: 207246

Ion	Ratio	Lower	Upper
112	100		
64	56.2	44.1	66.1
63	28.9	23.4	35.2



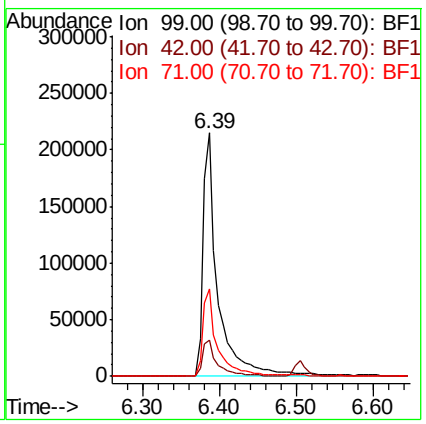


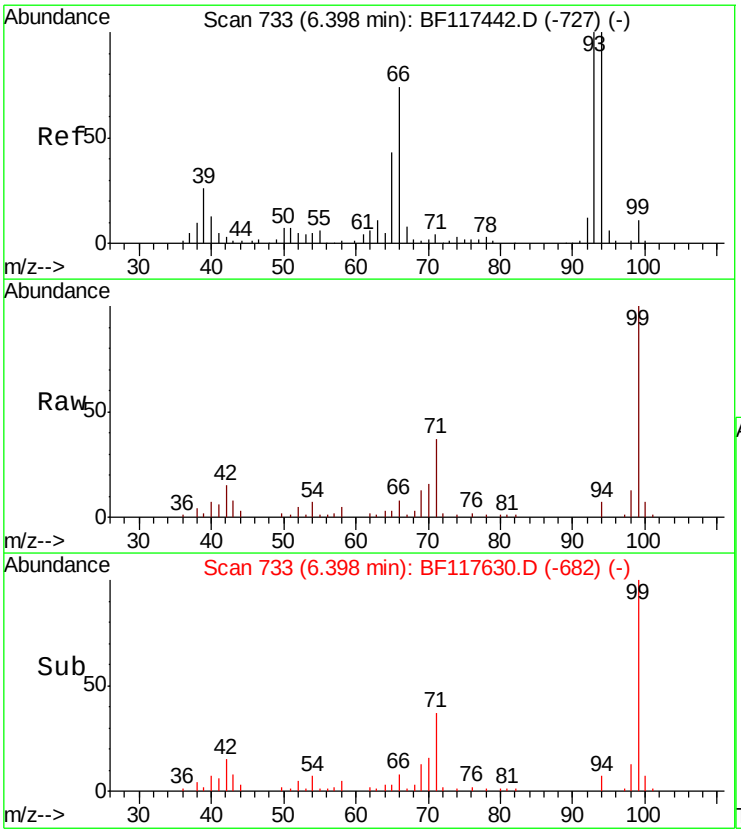
#7
Phenol-d6
Concen: 85.405 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 287716

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.8	19.2
71	36.0	28.6	43.0

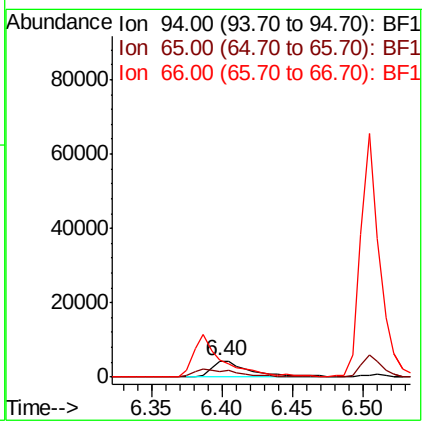


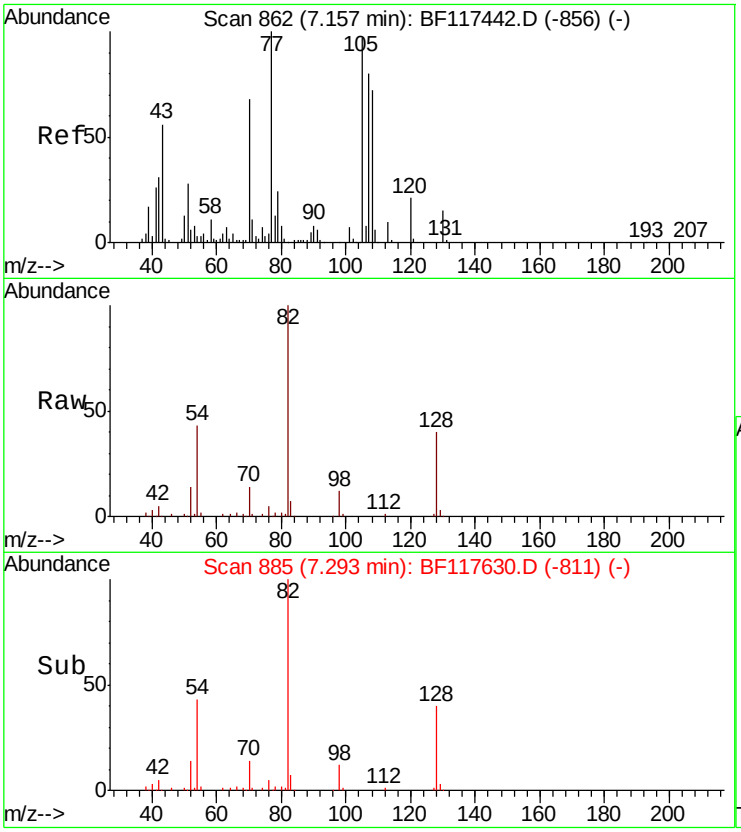


#10
Phenol
Concen: 2.292 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 94 Resp: 7879

Ion	Ratio	Lower	Upper
94	100		
65	38.0	23.4	63.4
66	111.4	54.7	94.7#



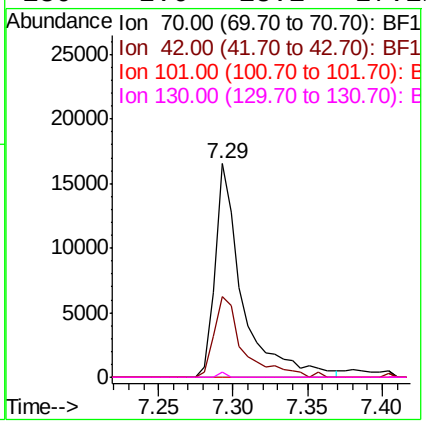


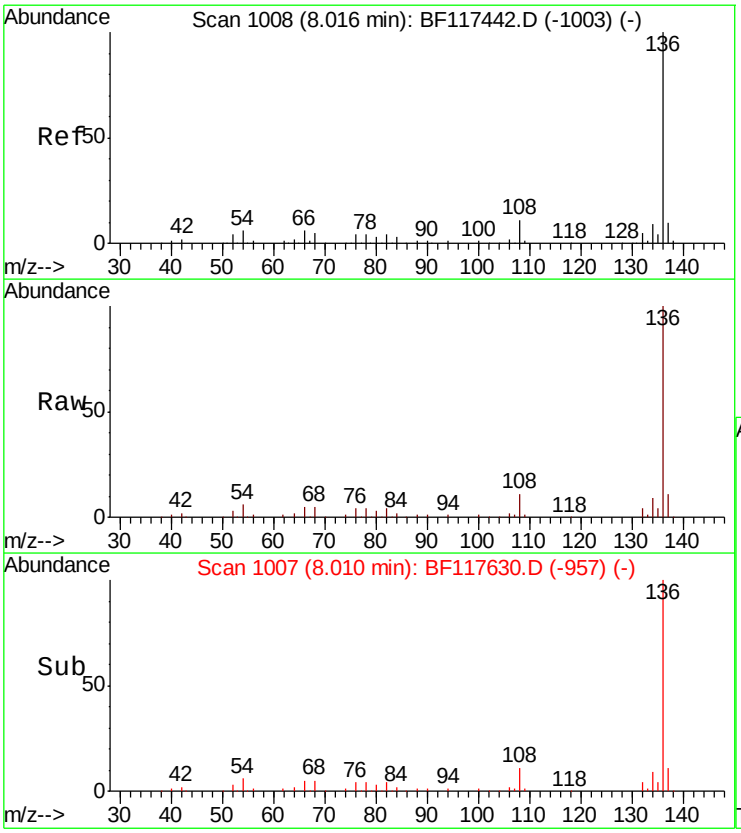
#19
n-Nitroso-di-n-propylamine
Concen: 10.285 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 21160

Ion	Ratio	Lower	Upper
70	100		
42	37.7	36.7	55.1
101	0.0	8.3	12.5#
130	2.6	18.1	27.1#

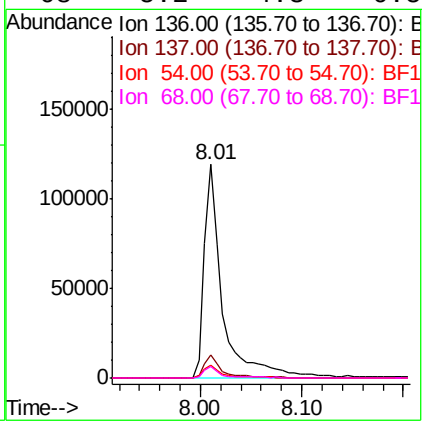


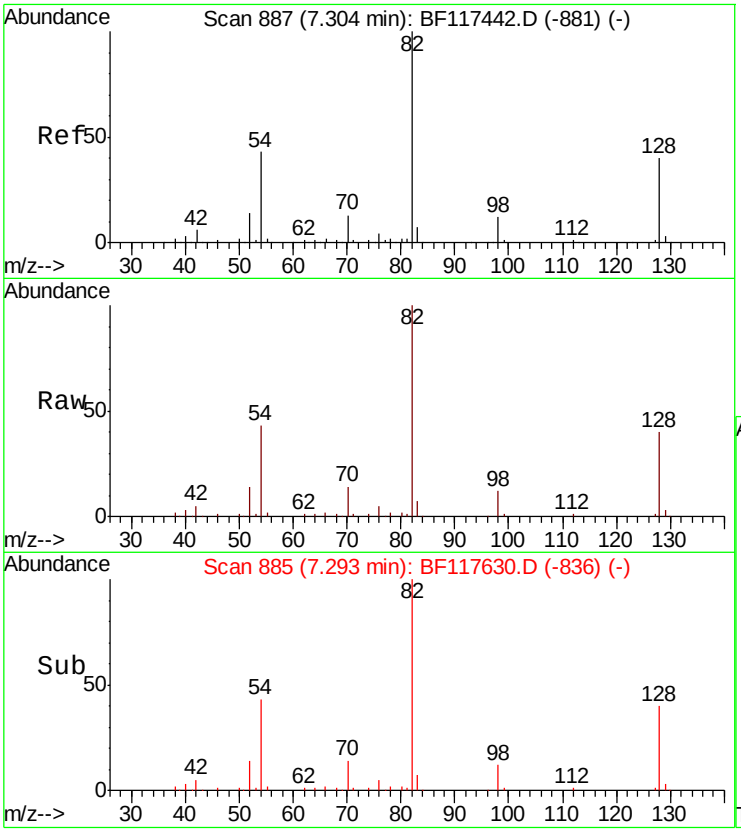


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:136 Resp: 149851

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.8	4.5	6.7
68	5.2	4.3	6.5



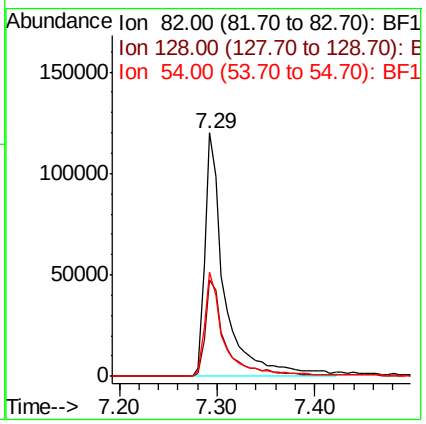


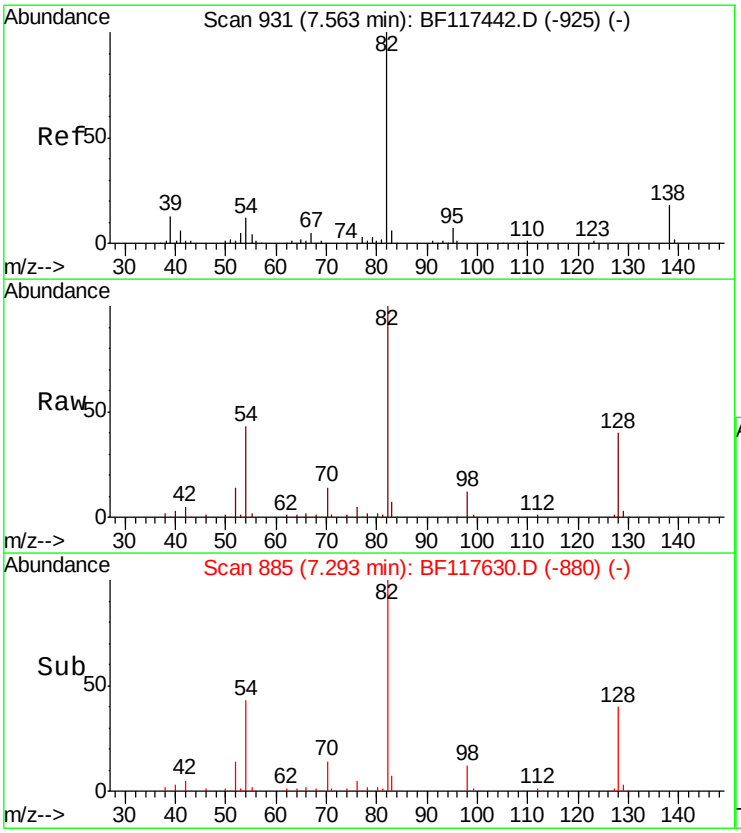
#23
Nitrobenzene-d5
Concen: 55.345 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 167995

Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.2	48.2
54	42.6	34.2	51.2

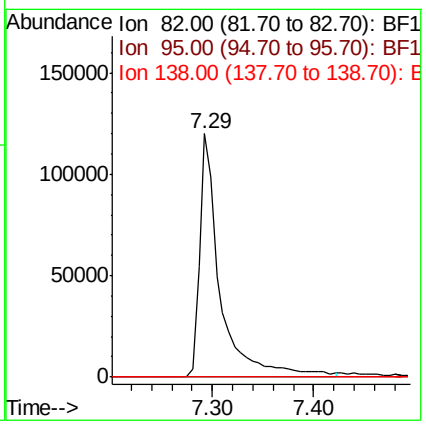


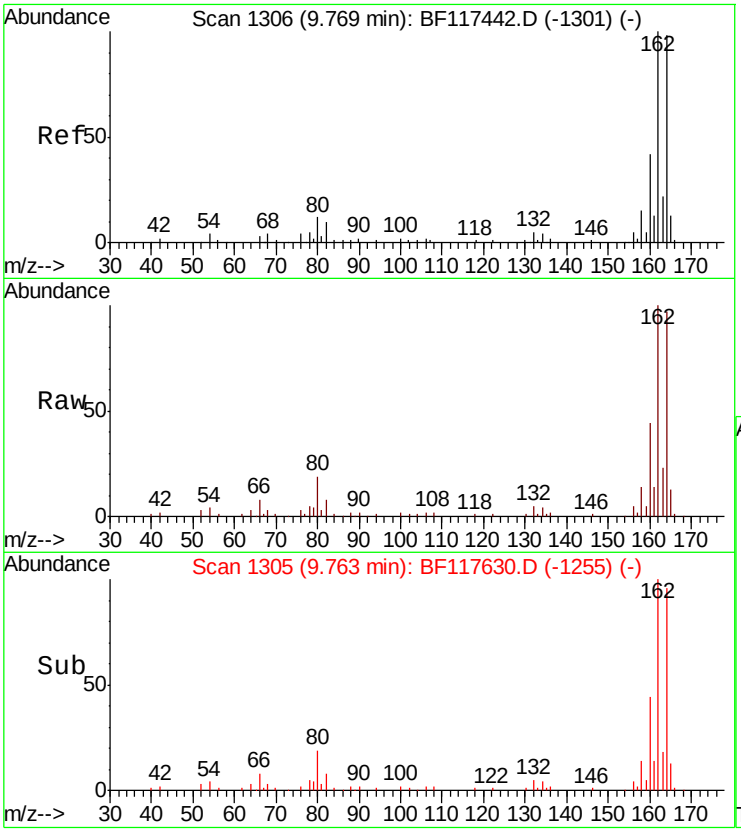


#25
Isophorone
Concen: 31.993 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 82 Resp: 167994

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



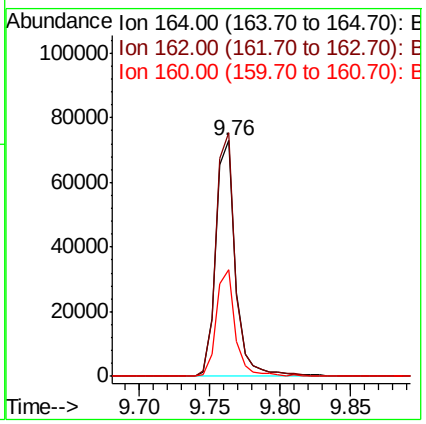


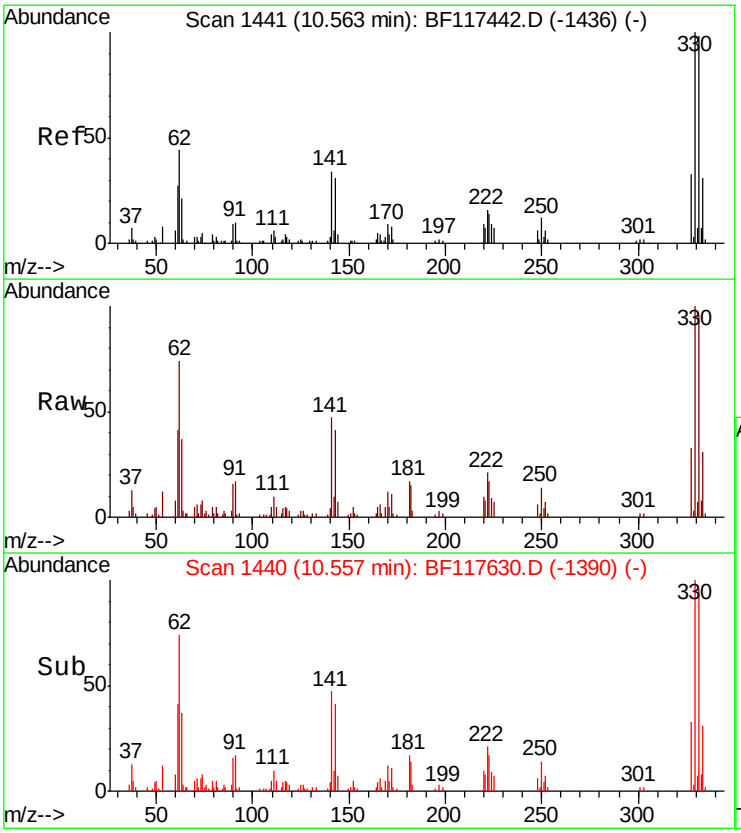
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 71249

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.6
160	45.5	34.4	51.6

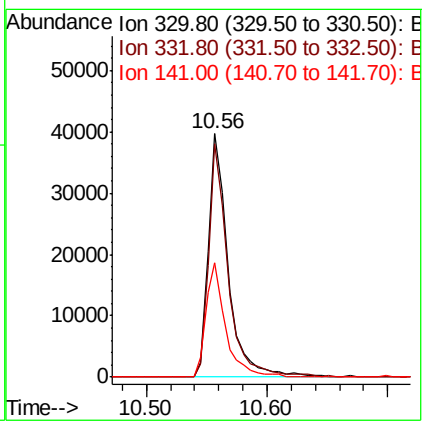


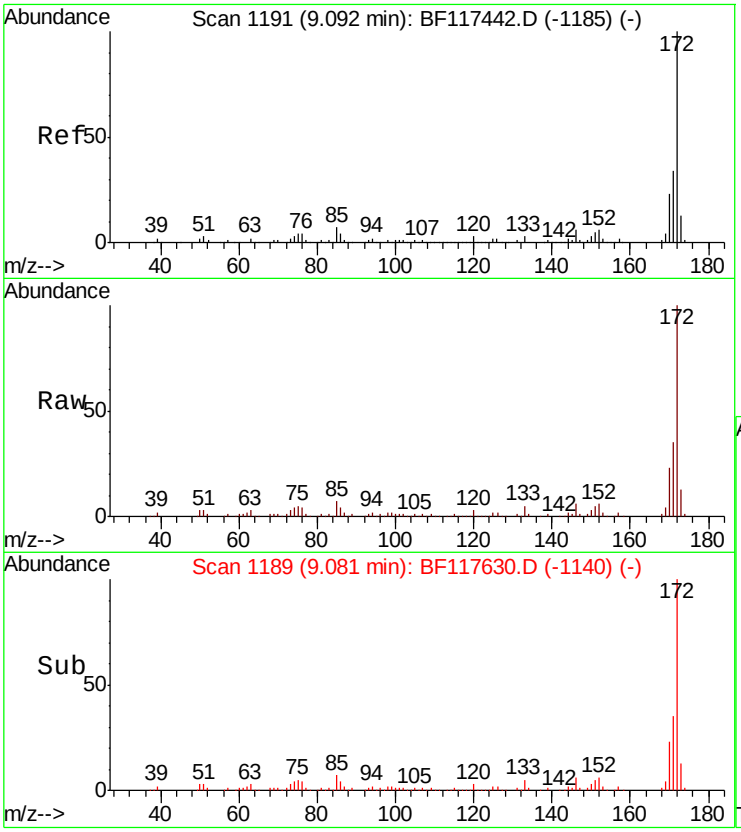


#42
2,4,6-Tribromophenol
Concen: 72.644 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:330 Resp: 44784

Ion	Ratio	Lower	Upper
330	100		
332	94.1	78.5	117.7
141	46.1	37.0	55.6



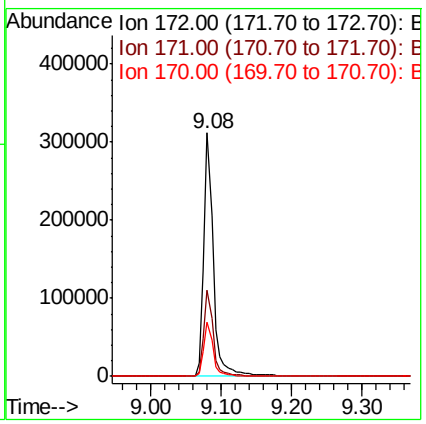


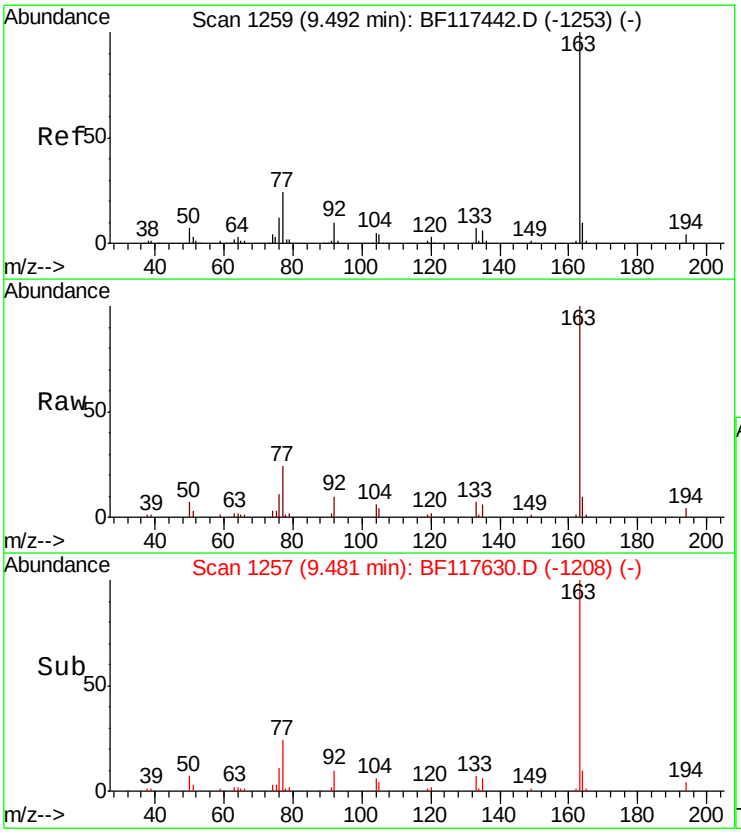
#45
2-Fluorobiphenyl
Concen: 57.699 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 291770

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.5	41.3
170	22.5	18.6	27.8

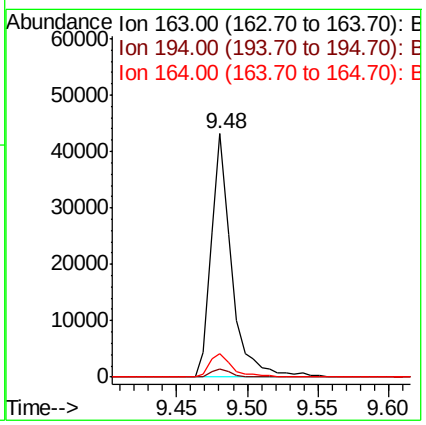


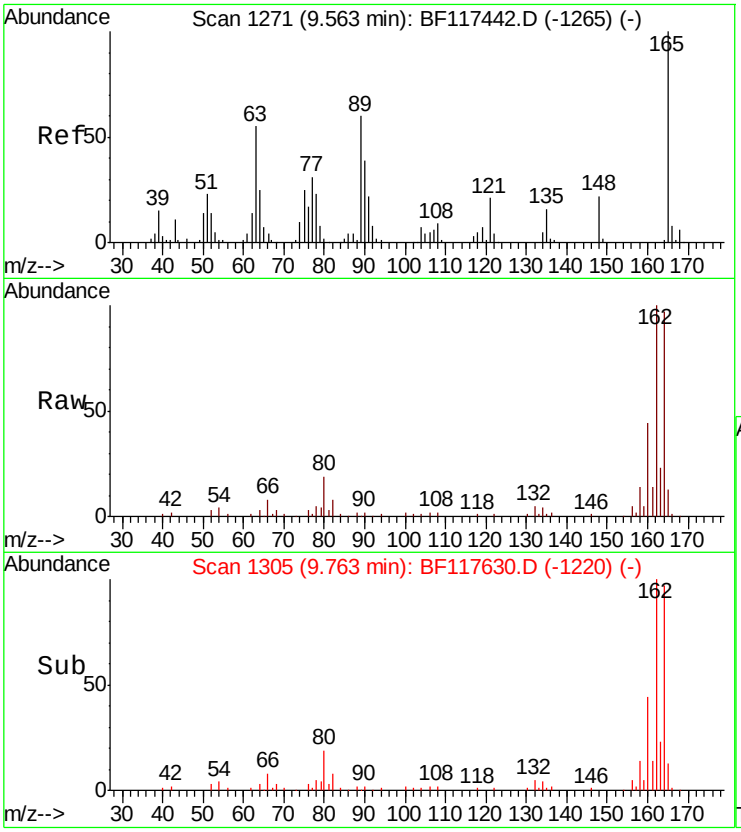


#50
Dimethylphthalate
Concen: 8.539 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:163 Resp: 43372

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	9.7	8.2	12.2



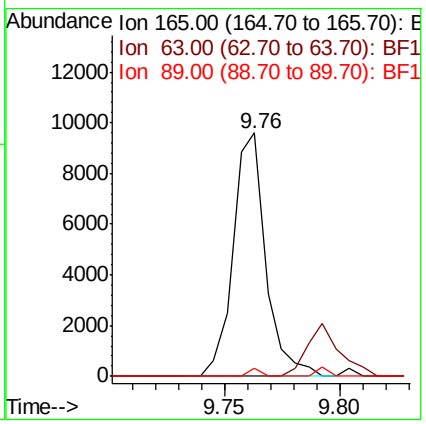


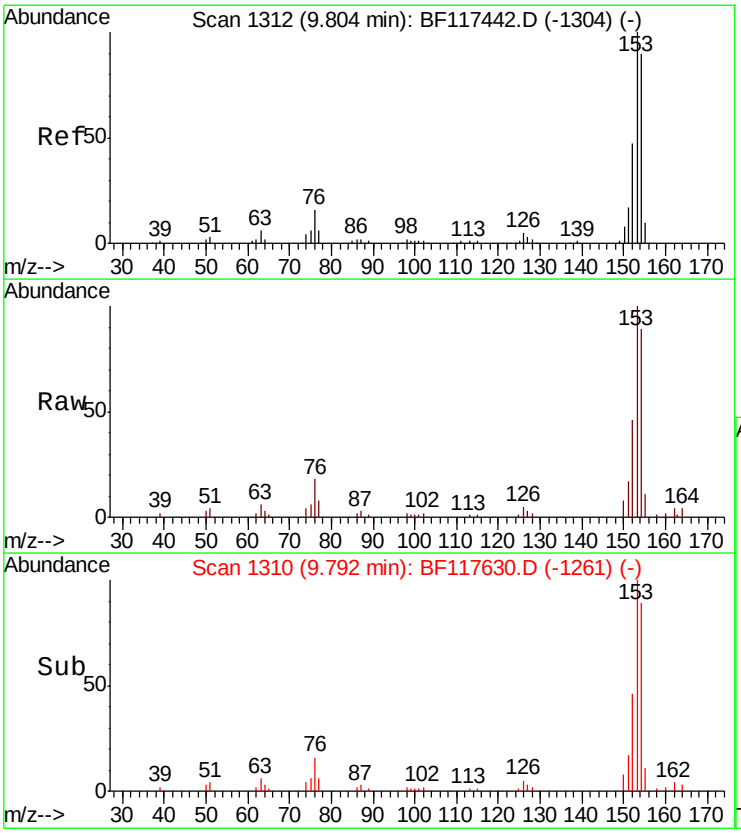
#51
2,6-Dinitrotoluene
Concen: 8.918 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9452

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	3.5	47.6	71.4#

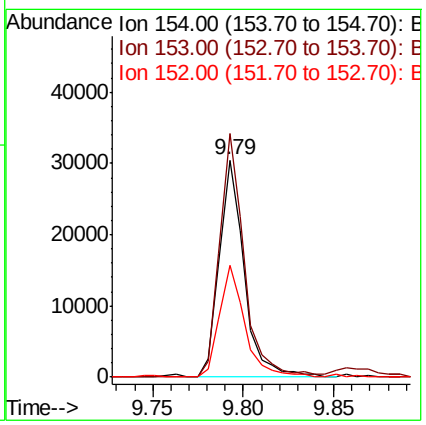


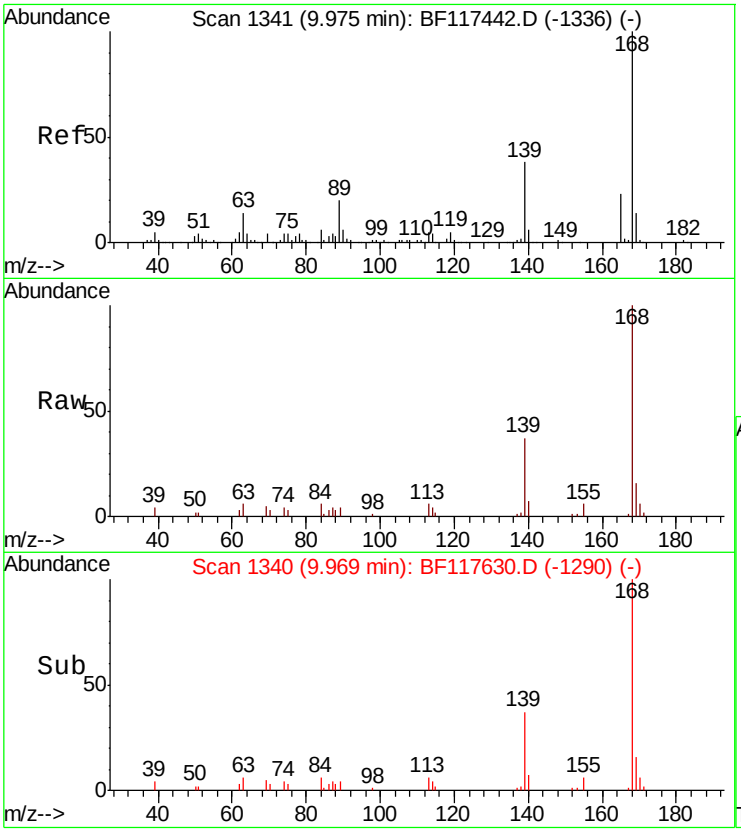


#52
Acenaphthene
Concen: 7.263 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:154 Resp: 29108

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.2	133.8
152	51.5	41.8	62.6



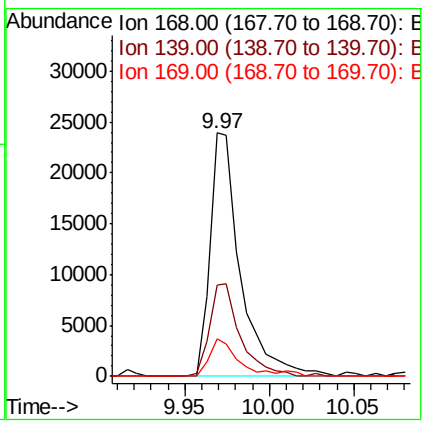


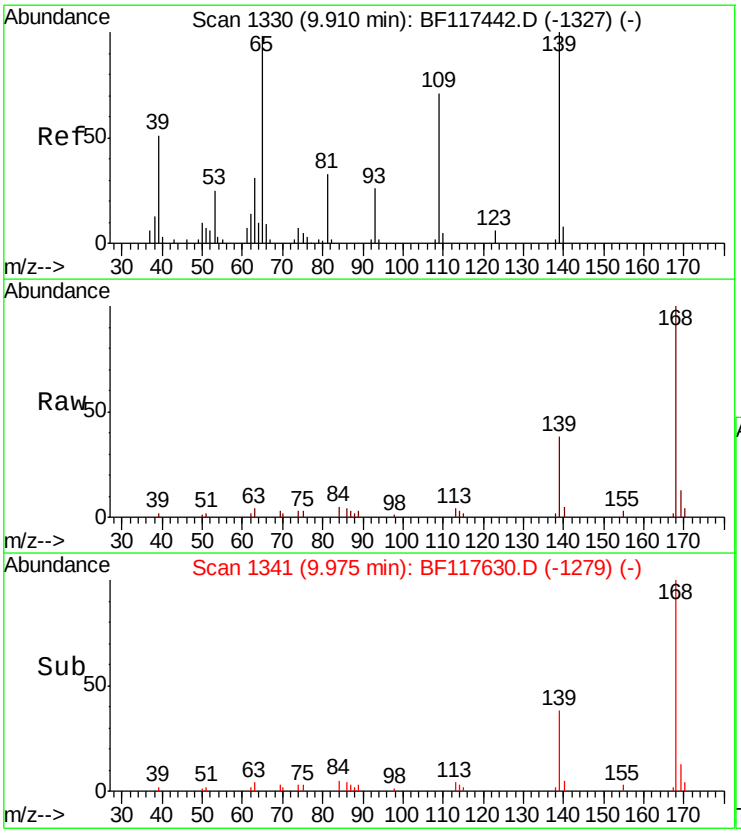
#55
Dibenzofuran
Concen: 5.174 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 30041

Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.8	47.6
169	15.5	11.2	16.8

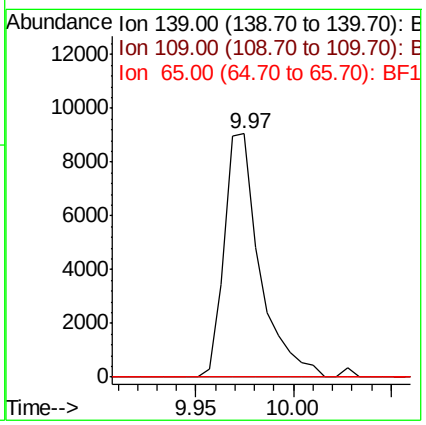


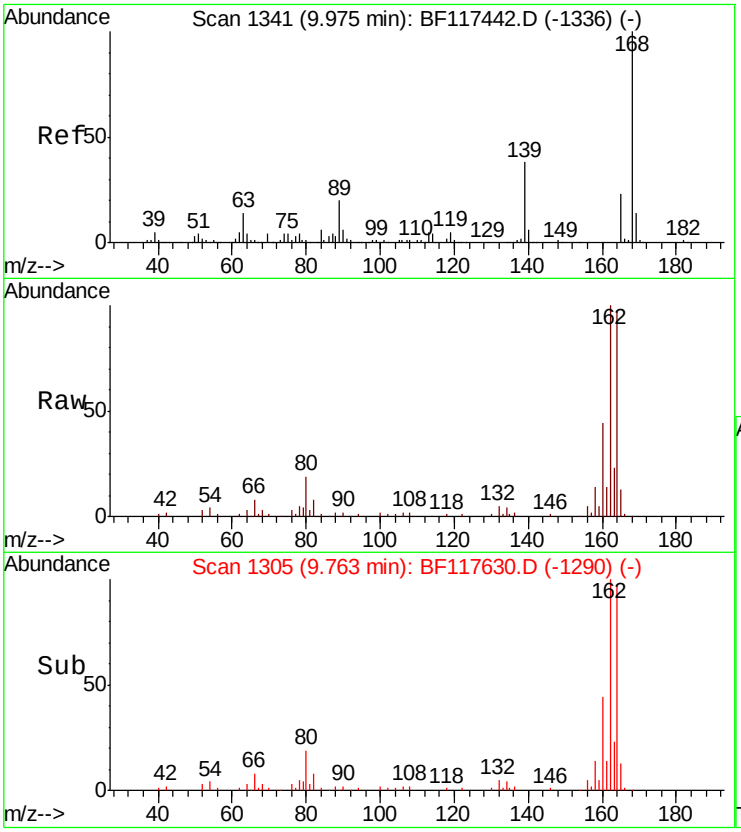


#56
4-Nitrophenol
Concen: 22.502 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:139 Resp: 11468

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



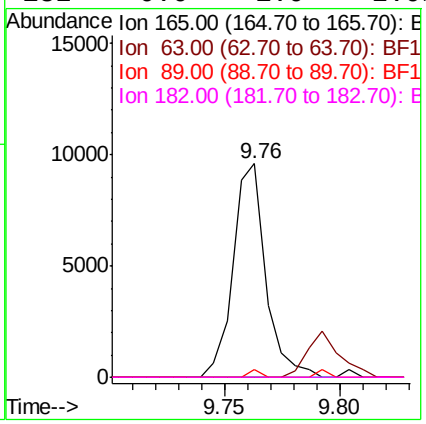


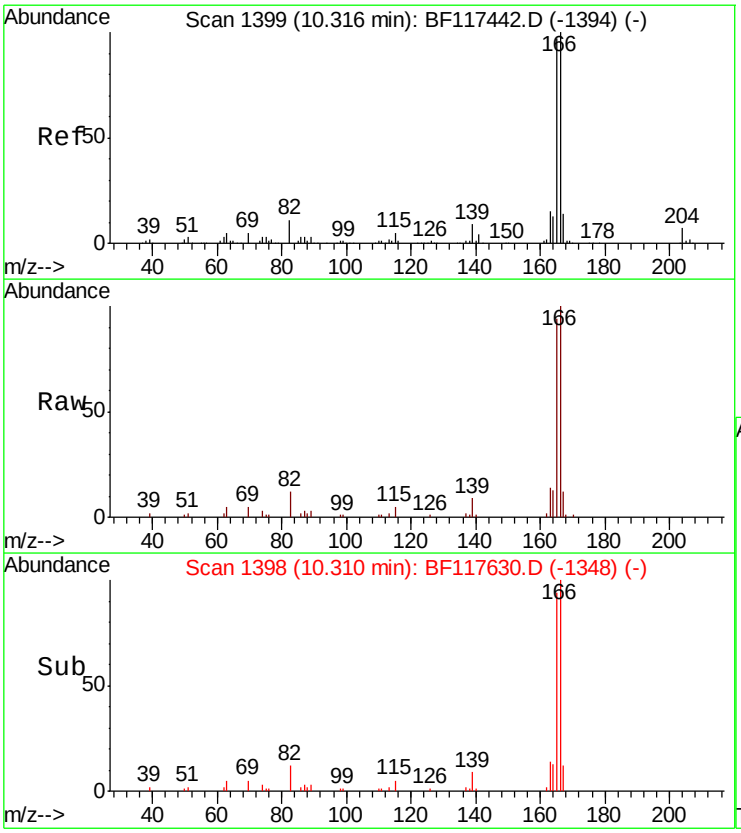
#57
2,4-Dinitrotoluene
Concen: 6.707 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9452

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	3.5	69.9	104.9#
182	0.0	1.9	2.9#

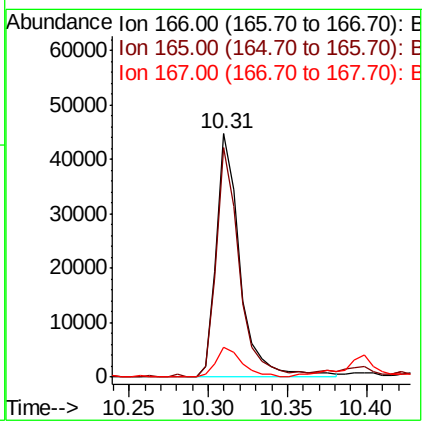


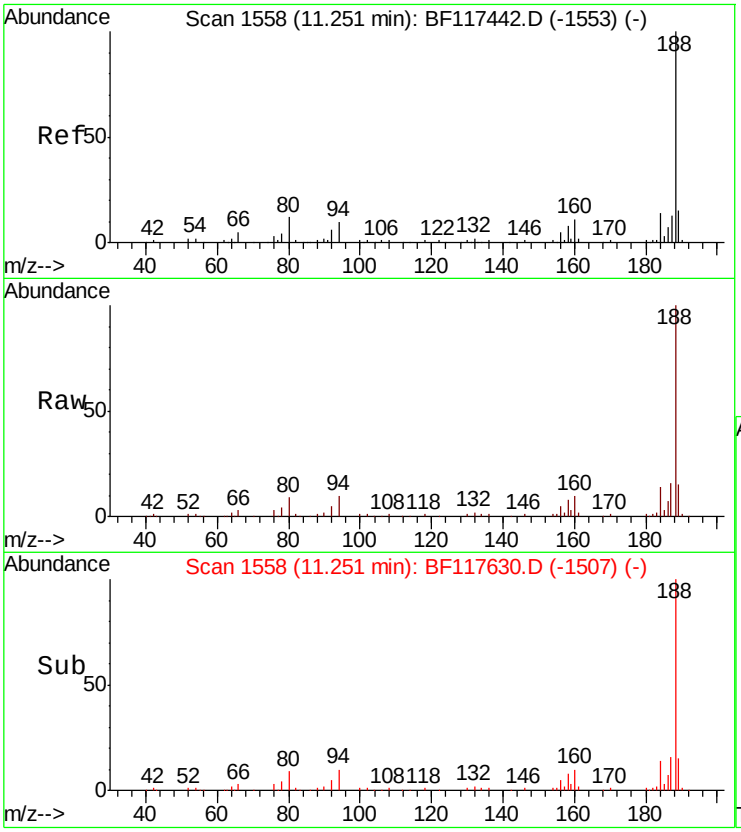


#58
Fluorene
Concen: 9.673 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:166 Resp: 46447

Ion	Ratio	Lower	Upper
166	100		
165	94.4	77.6	116.4
167	12.2	11.0	16.4



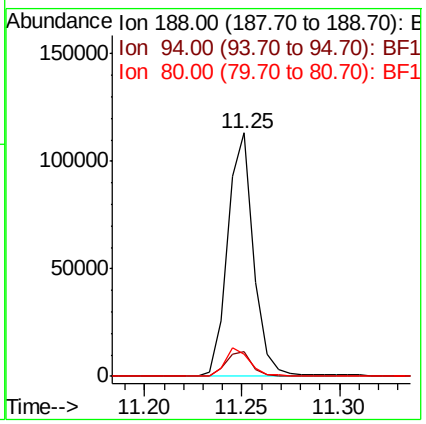


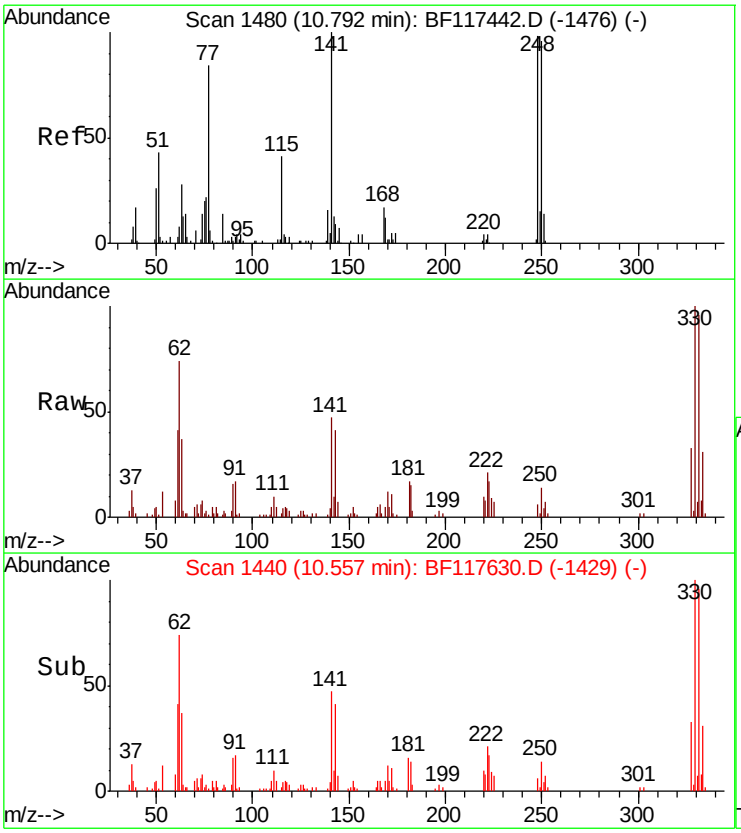
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 104221

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	9.3	9.5	14.3#

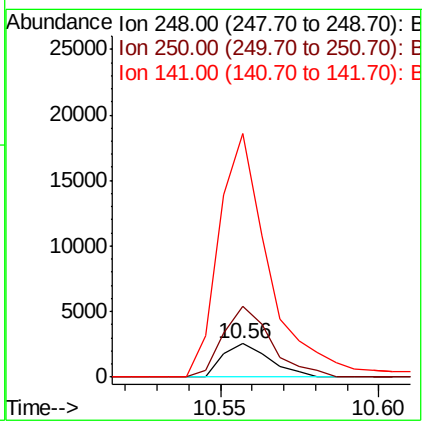


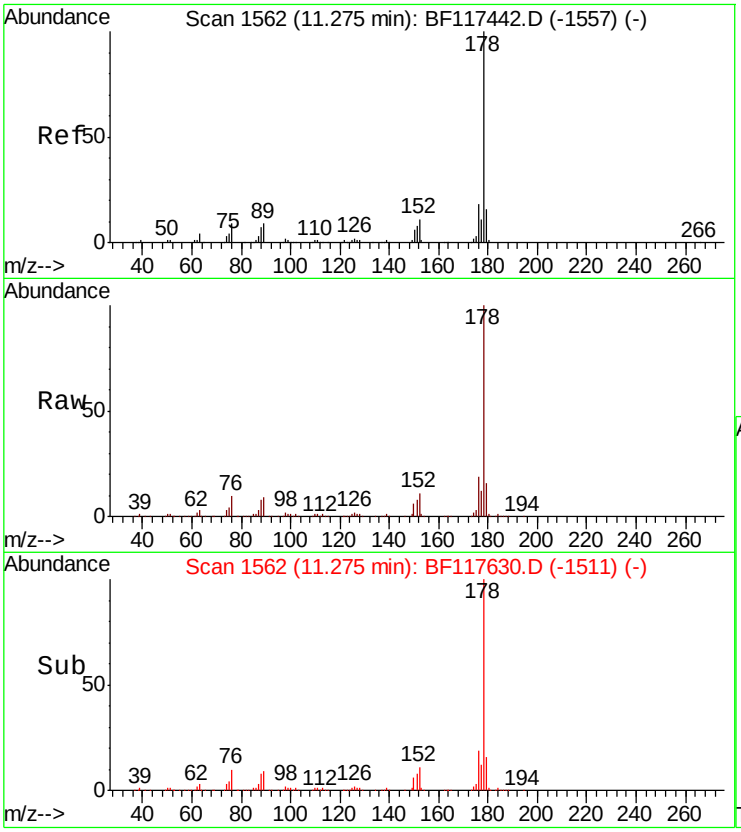


#67
4-Bromophenyl-phenylether
Concen: 2.306 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:248 Resp: 2589

Ion	Ratio	Lower	Upper
248	100		
250	212.1	78.0	117.0#
141	734.8	81.7	122.5#



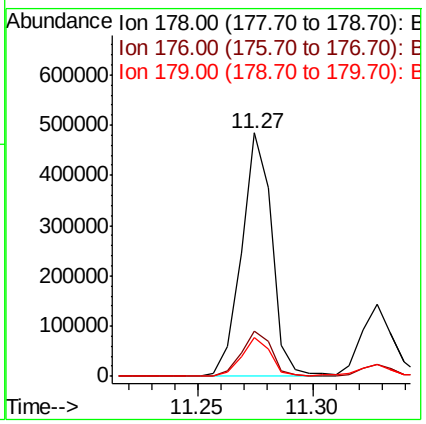


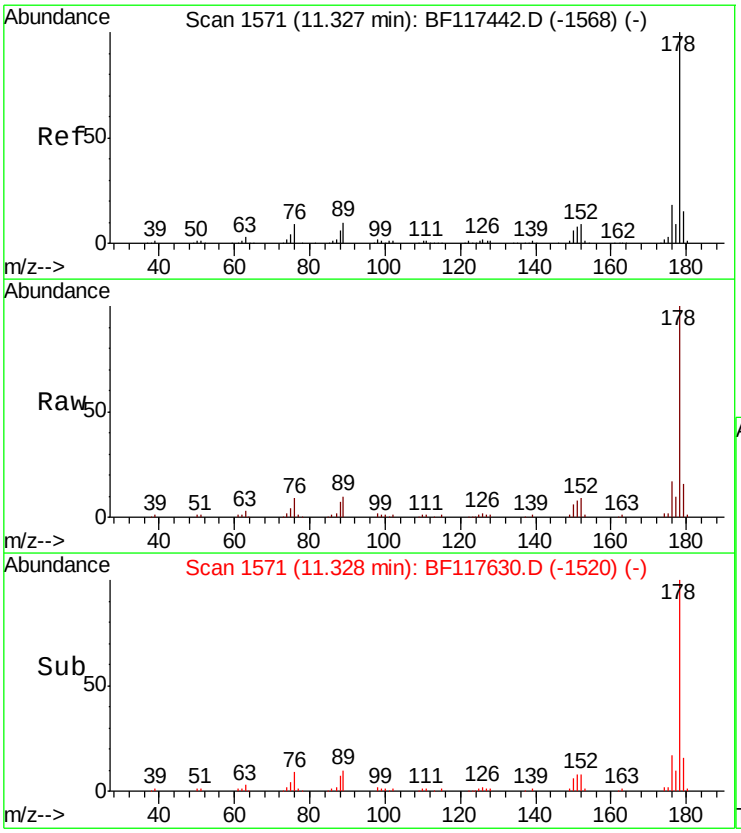
#71
Phenanthrene
Concen: 73.651 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 445716

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.7	12.6	19.0

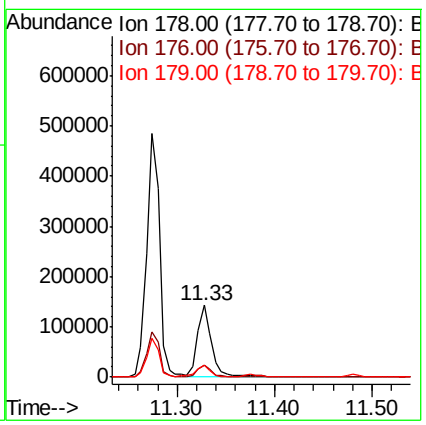


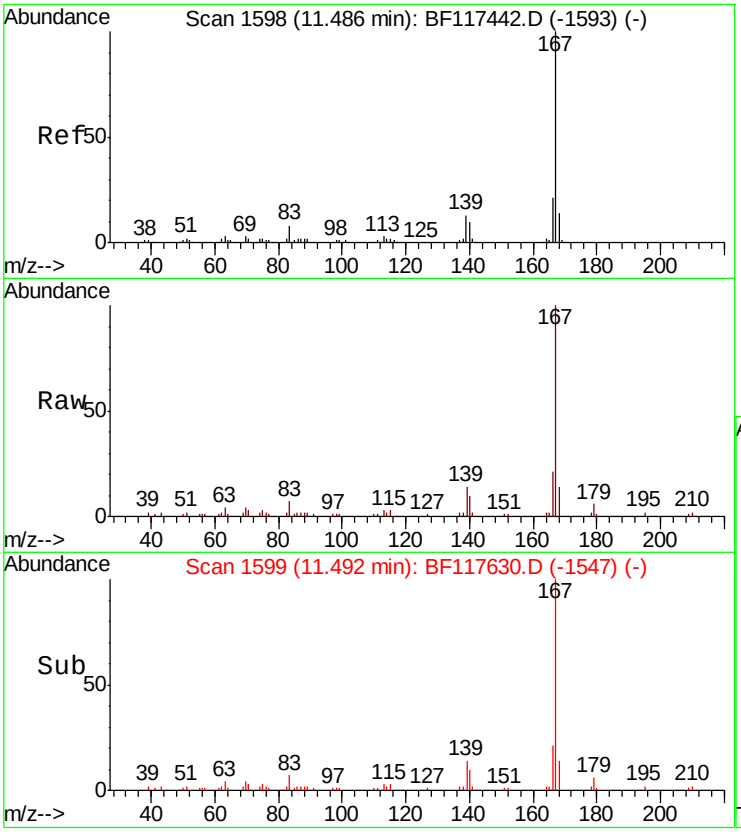


#72
Anthracene
Concen: 23.469 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:178 Resp: 145729

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.7	22.1
179	16.1	12.2	18.2



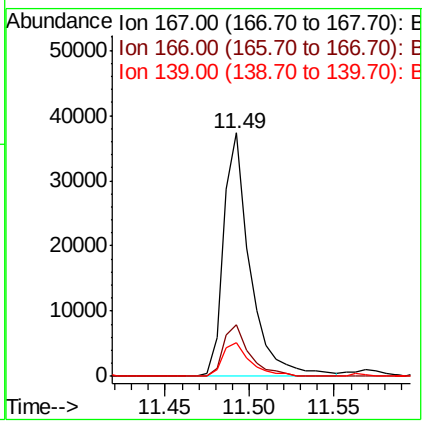


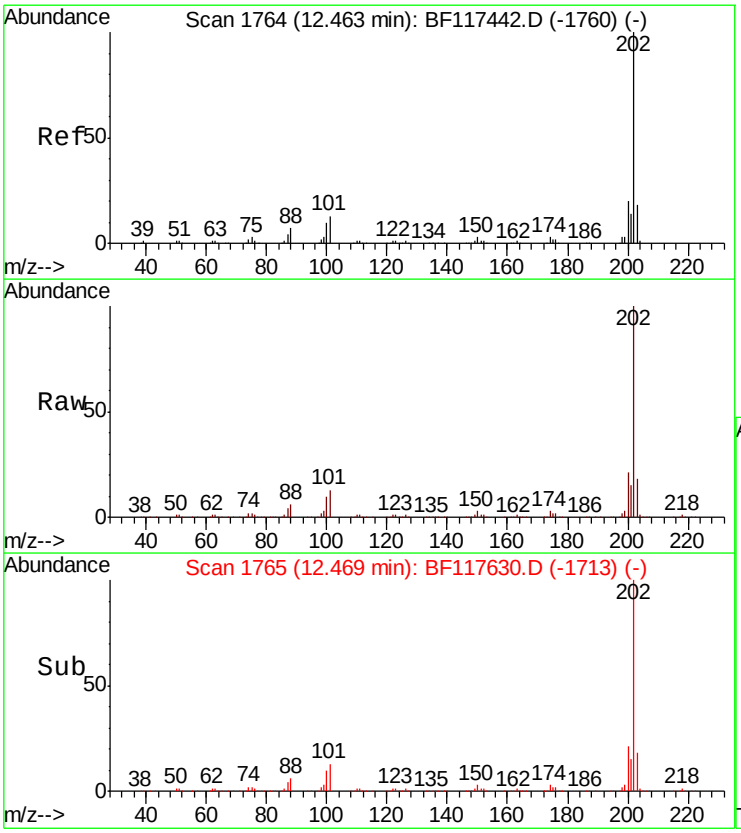
#73
Carbazole
Concen: 7.187 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 40784

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	14.1	10.6	16.0

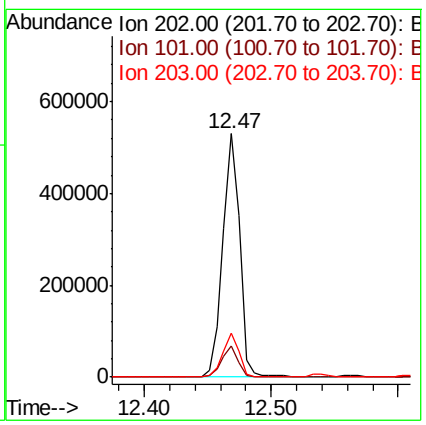


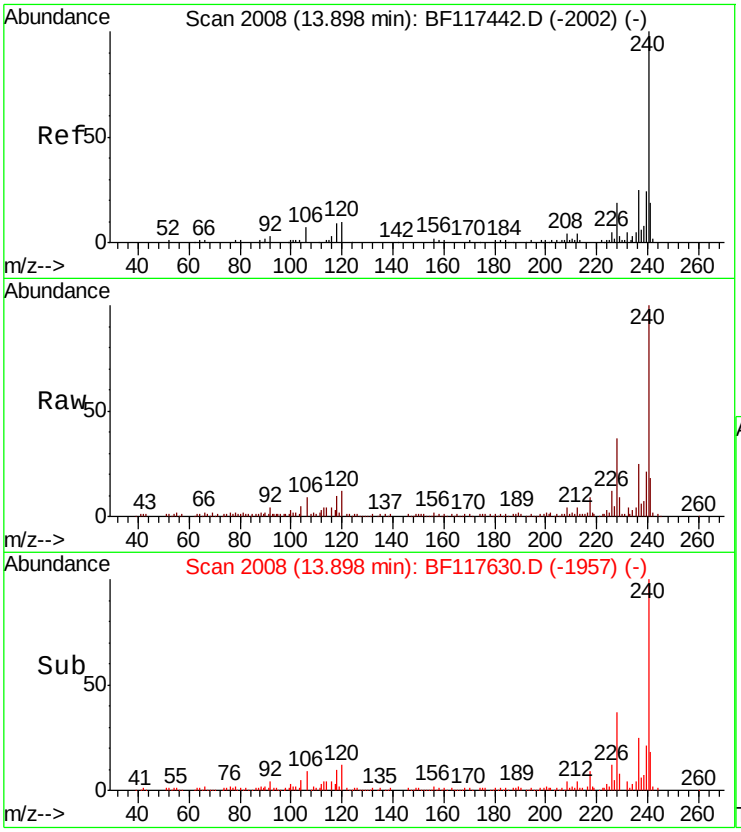


#75
Fluoranthene
Concen: 81.831 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:202 Resp: 495751

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.7
203	18.0	0.0	37.6



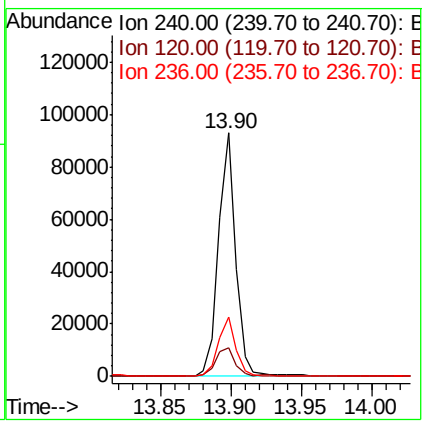


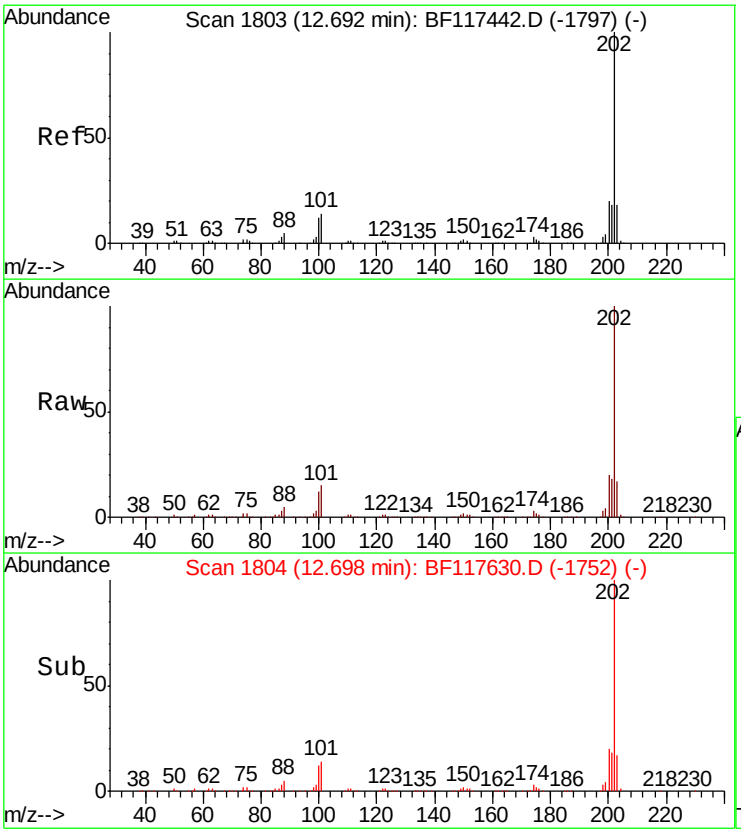
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 79500

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.4	12.6
236	24.5	20.0	30.0

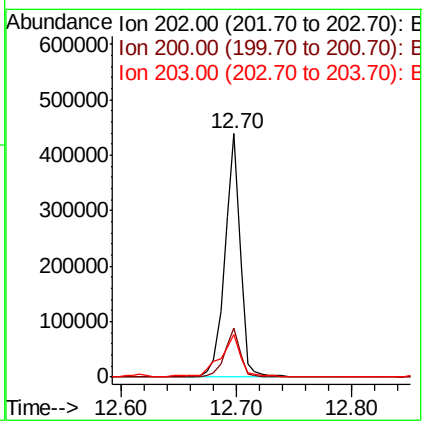


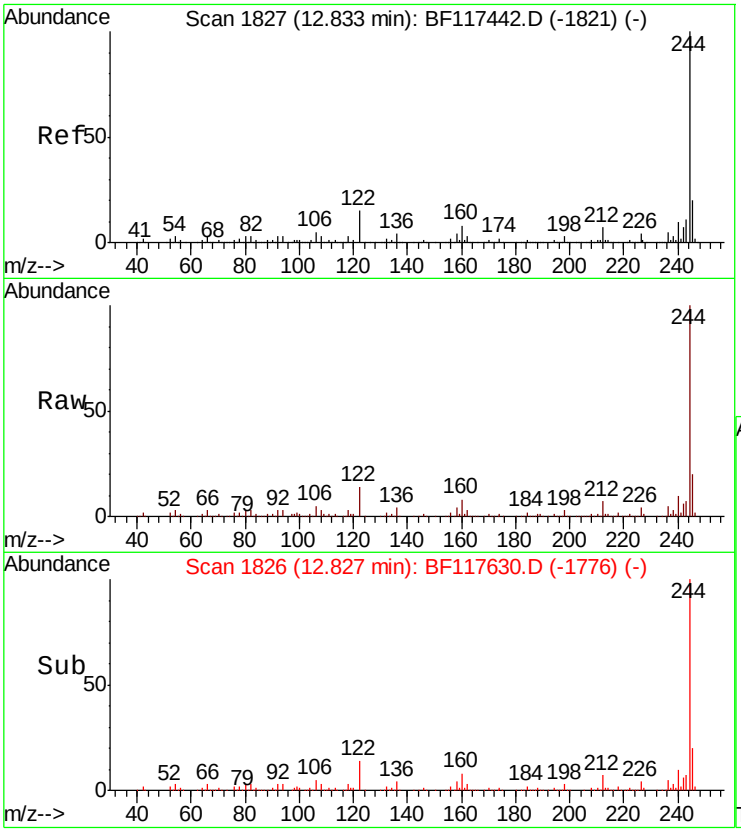


#78
Pyrene
Concen: 58.333 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:202 Resp: 398332

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.3	14.0	21.0



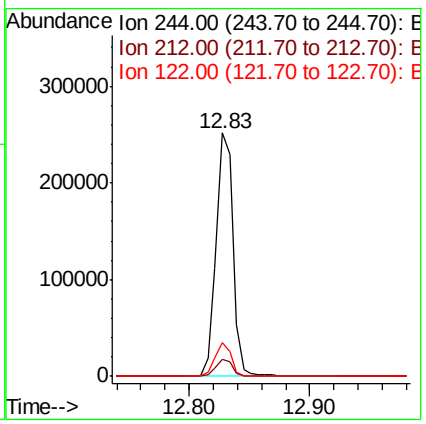


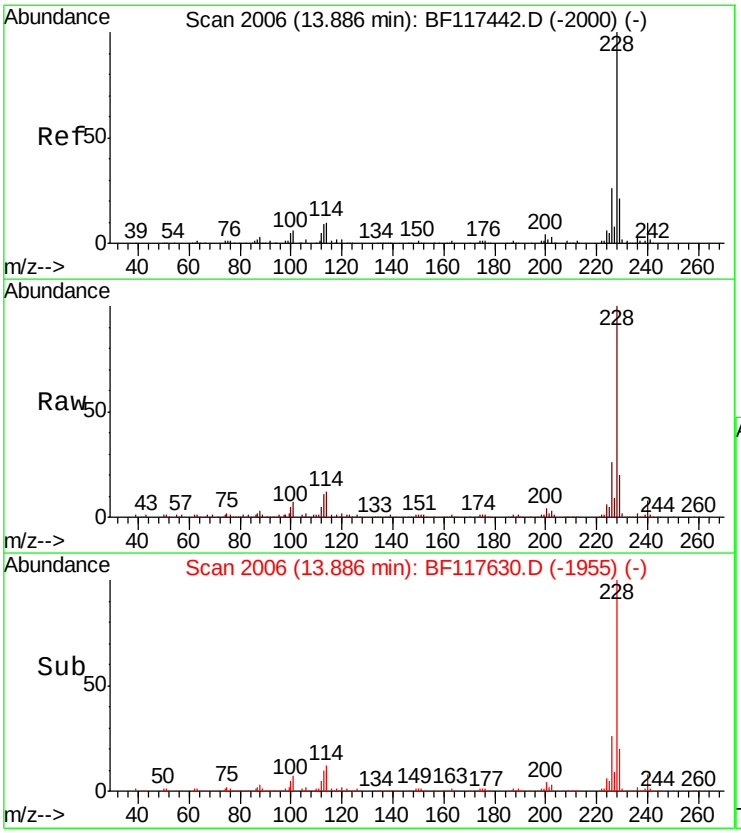
#79
Terphenyl-d14
Concen: 49.527 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 241391

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.9	11.8	17.8

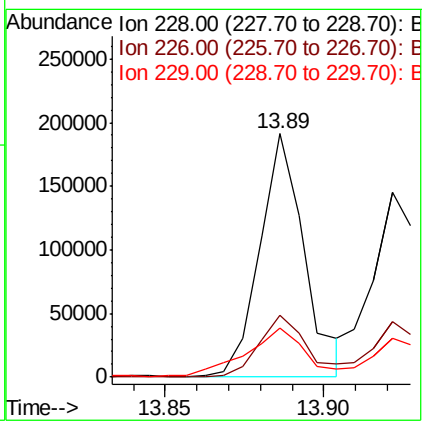


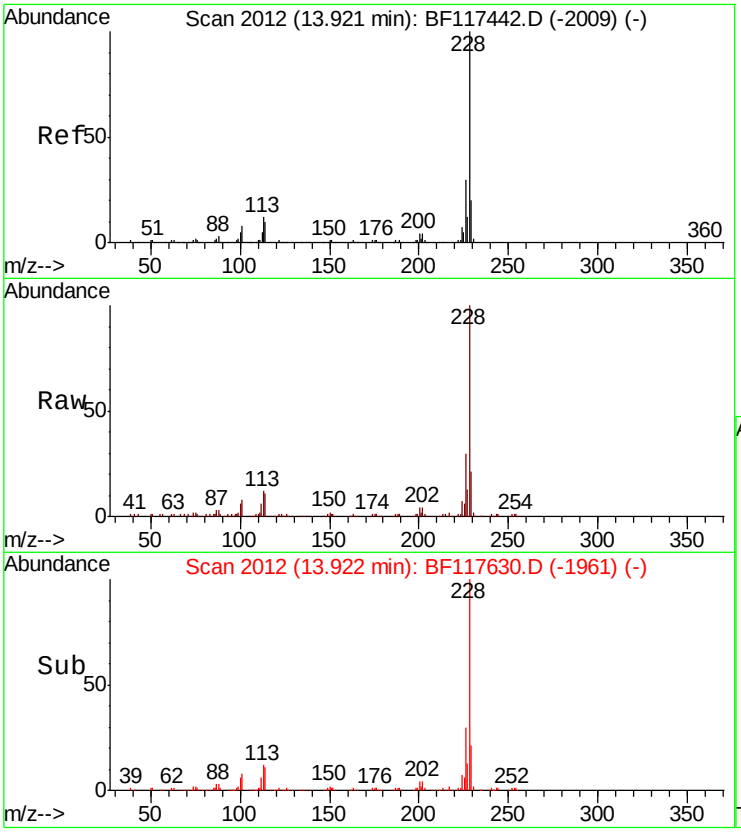


#81
Benzo(a)anthracene
Concen: 34.600 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:228 Resp: 185547

Ion	Ratio	Lower	Upper
228	100		
226	25.6	21.0	31.4
229	20.1	16.4	24.6



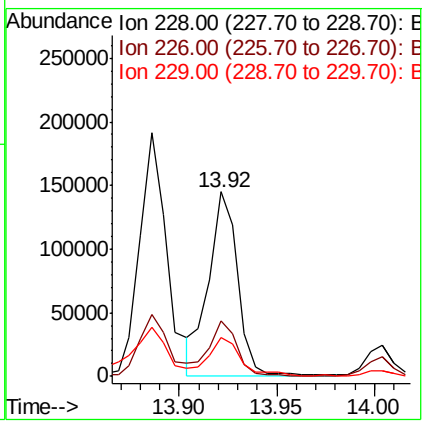


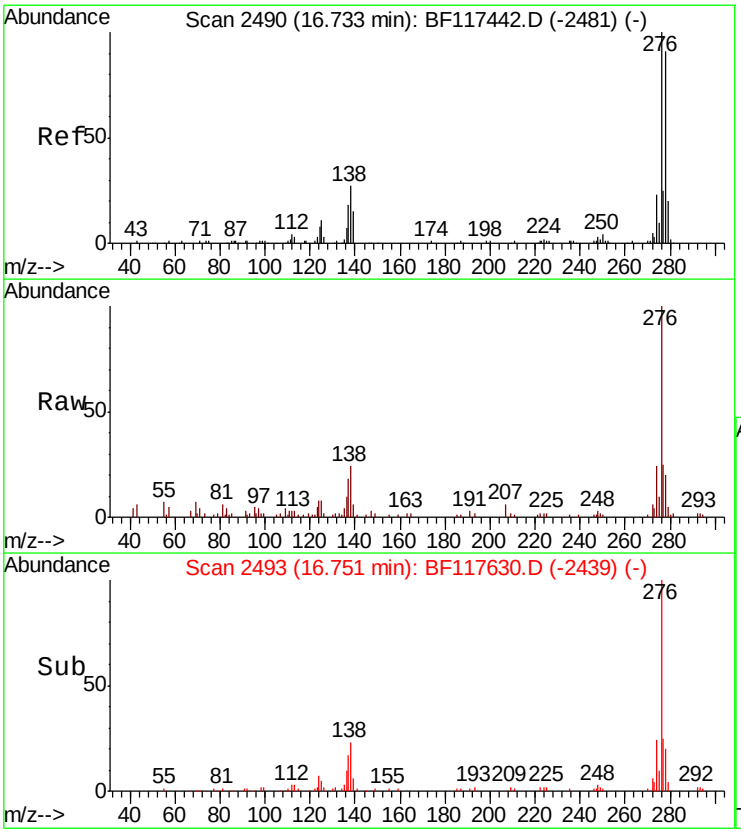
#83
Chrysene
Concen: 28.412 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 149324

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	21.1	15.8	23.6

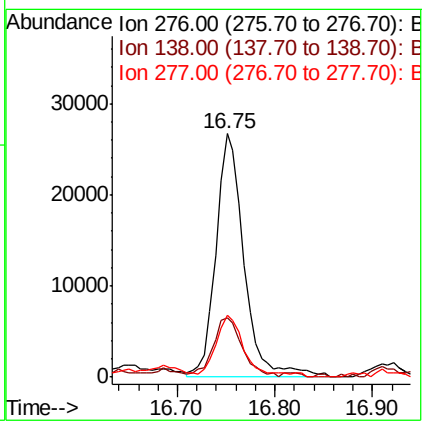


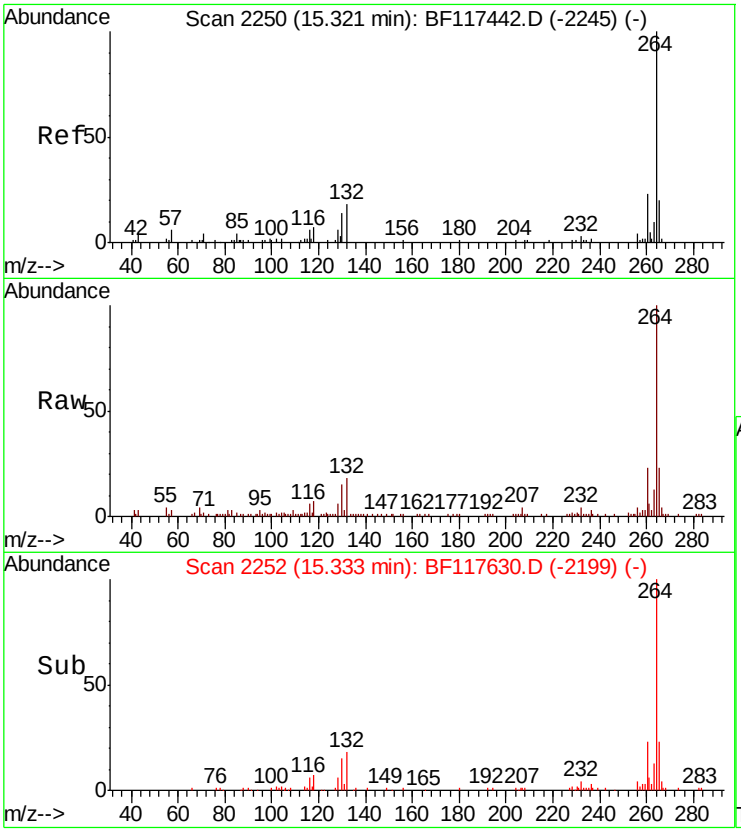


#86
Indeno(1,2,3-cd)pyrene
Concen: 13.620 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:276 Resp: 53442

Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.8	32.8
277	21.4	20.0	30.0



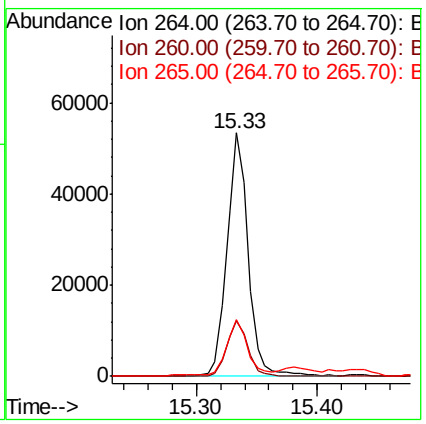


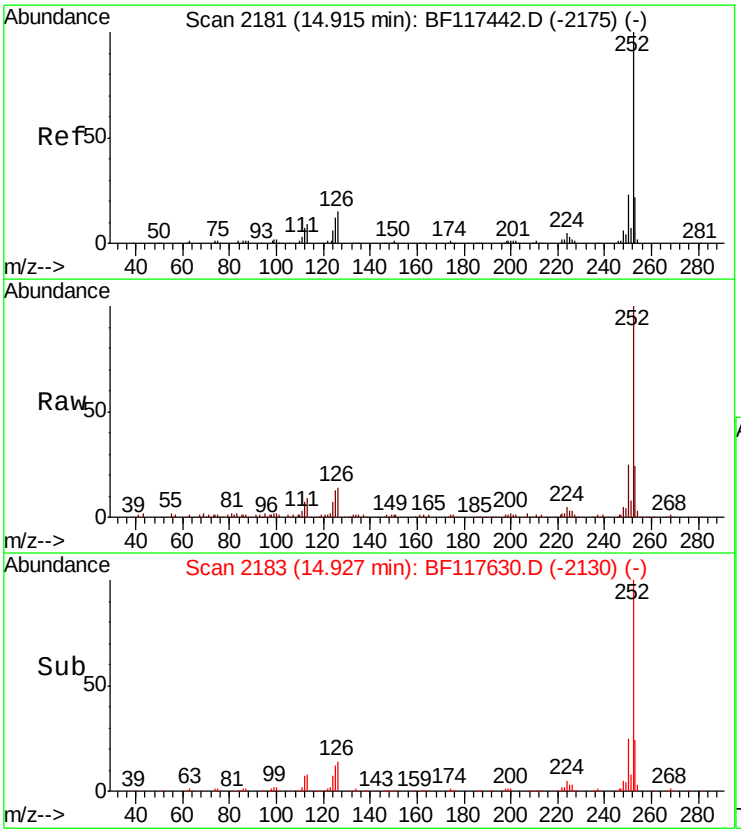
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 65105

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	23.3	16.1	24.1

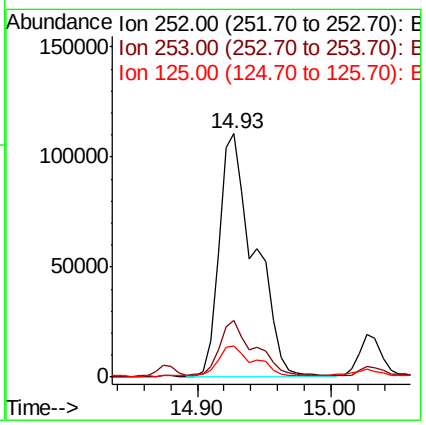


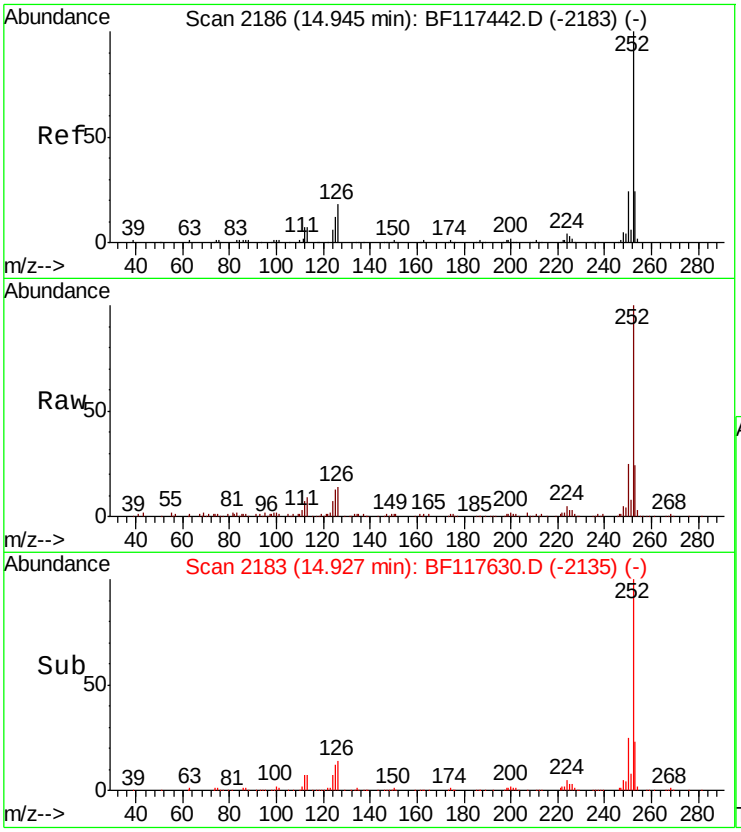


#88
Benzo(b)fluoranthene
Concen: 53.670 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:252 Resp: 206337

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	12.9	9.9	14.9



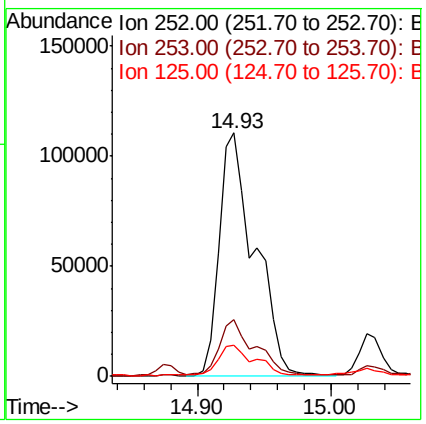


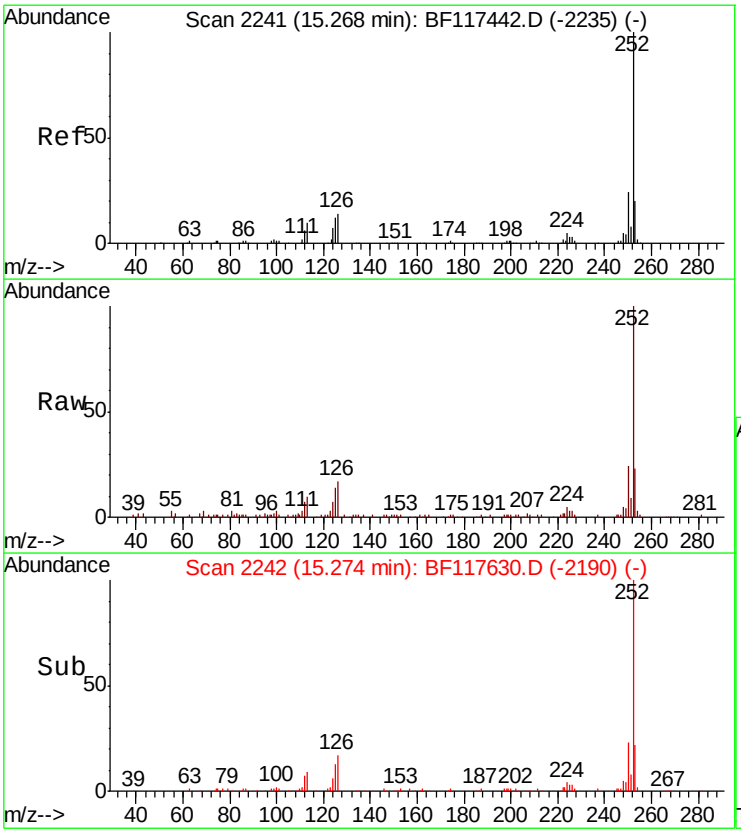
#89
Benzo(k)fluoranthene
Concen: 52.364 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 206337

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	12.9	8.9	13.3

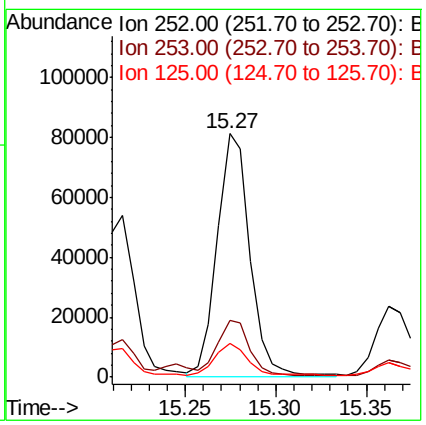


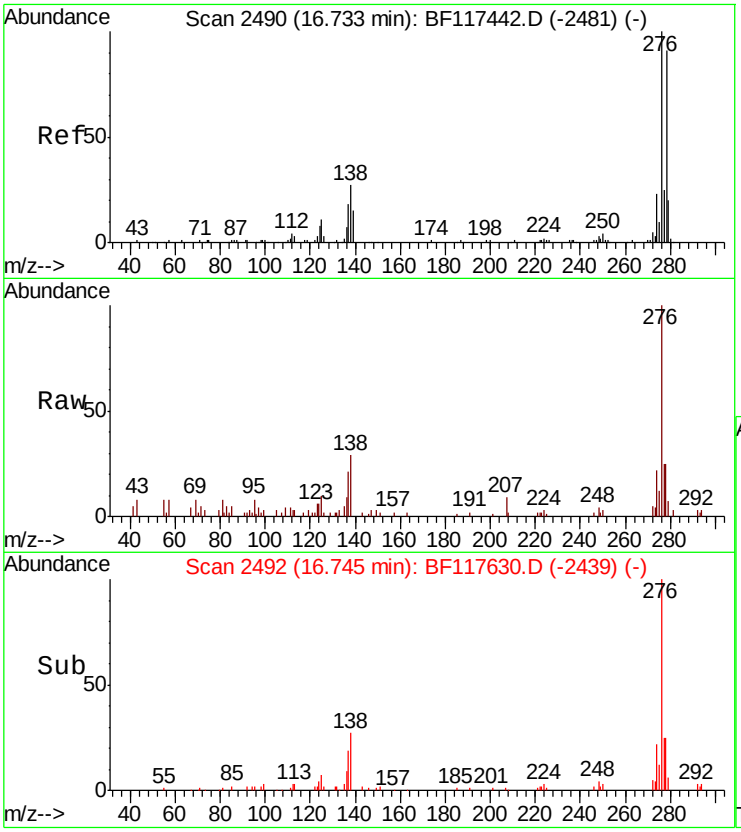


#90
Benzo(a)pyrene
Concen: 29.355 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:252 Resp: 102609

Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.3	24.5
125	13.8	9.2	13.8#



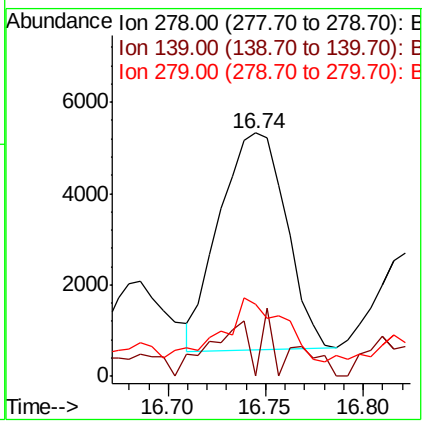


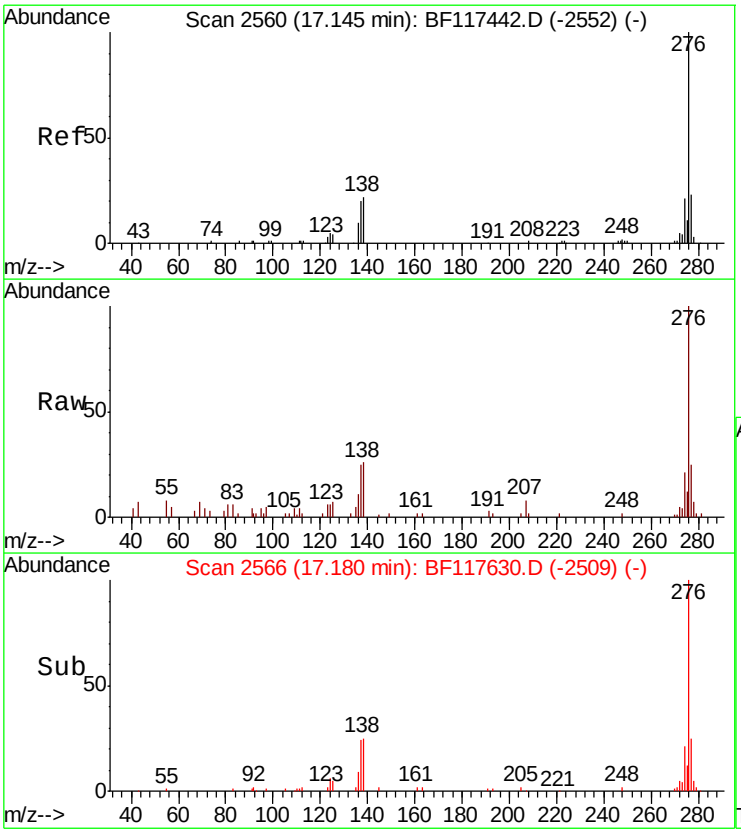
#91
Dibenzo(a,h)anthracene
Concen: 3.715 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 11229

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	29.4	17.8	26.6#





#92
Benzo(g,h,i)perylene
Concen: 16.345 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.04 min
Lab File: BF117630.D
Acq: 30 Oct 2019 17:46

Tgt Ion:276 Resp: 46743

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.4	27.6
138	26.0	17.8	26.6