Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117612.D
Acq On : 30 Oct 2019 1:42
Operator : JU
Sample : K5576-19 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 06:59:36 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	39139	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	161238	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	73978	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	108502	20.00	ng		0.00
76) Chrysene-d12	13.90	240	70359	20.00	ng		0.00
87) Perylene-d12	15.33	264	57764	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	32051	12.18	ng		0.02
7) Phenol-d6	6.40	99	52328	14.81	ng		0.02
23) Nitrobenzene-d5	7.30	82	28482	8.72	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	7899	12.34	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	53578	10.20	ng		-0.01
79) Terphenyl-d14	12.83	244	43368	10.05	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	786	Below Cal		#	82
25) Isophorone	7.30	82	28482	5.041	ng	#	65
31) Naphthalene	8.03	128	39078	4.890	ng		97
37) 2-Methylnaphthalene	8.73	142	18915	3.512	ng		99
38) 1-Methylnaphthalene	8.82	142	19783	3.909	ng		100
49) Acenaphthylene	9.63	152	13566	2.000	ng		97
51) 2,6-Dinitrotoluene	9.76	165	10776	9.792	ng	#	24
52) Acenaphthene	9.79	154	53774	12.922	ng		97
55) Dibenzofuran	9.97	168	46112	7.648	ng		99
56) 4-Nitrophenol	9.97	139	18059	31.994	ng	#	7
58) Fluorene	10.31	166	53904	10.812	ng		99
71) Phenanthrene	11.28	178	677845	107.589	ng		99
72) Anthracene	11.33	178	178459	27.606	ng		99
73) Carbazole	11.49	167	41438	7.014	ng		97
75) Fluoranthene	12.47	202	585165	92.779	ng		99
77) Benzidine	12.83	184	526	Below Cal		#	67
78) Pyrene	12.70	202	543711	89.967	ng		100
80) Butylbenzylphthalate	13.30	149	9564	3.180	ng	#	92
81) Benzo(a)anthracene	13.89	228	189712	39.973	ng		98
83) Chrysene	13.93	228	162097	34.849	ng		98
86) Indeno(1,2,3-cd)pyrene	16.75	276	48916	14.086	ng		96
88) Benzo(b)fluoranthene	14.93	252	184143	53.984	ng		99
89) Benzo(k)fluoranthene	14.93	252	184143	52.671	ng		98
90) Benzo(a)pyrene	15.27	252	99073	31.945	ng		95
91) Dibenzo(a,h)anthracene	16.92	278	12018	4.482	ng		95
92) Benzo(g,h,i)perylene	17.18	276	46955	18.506	ng		97

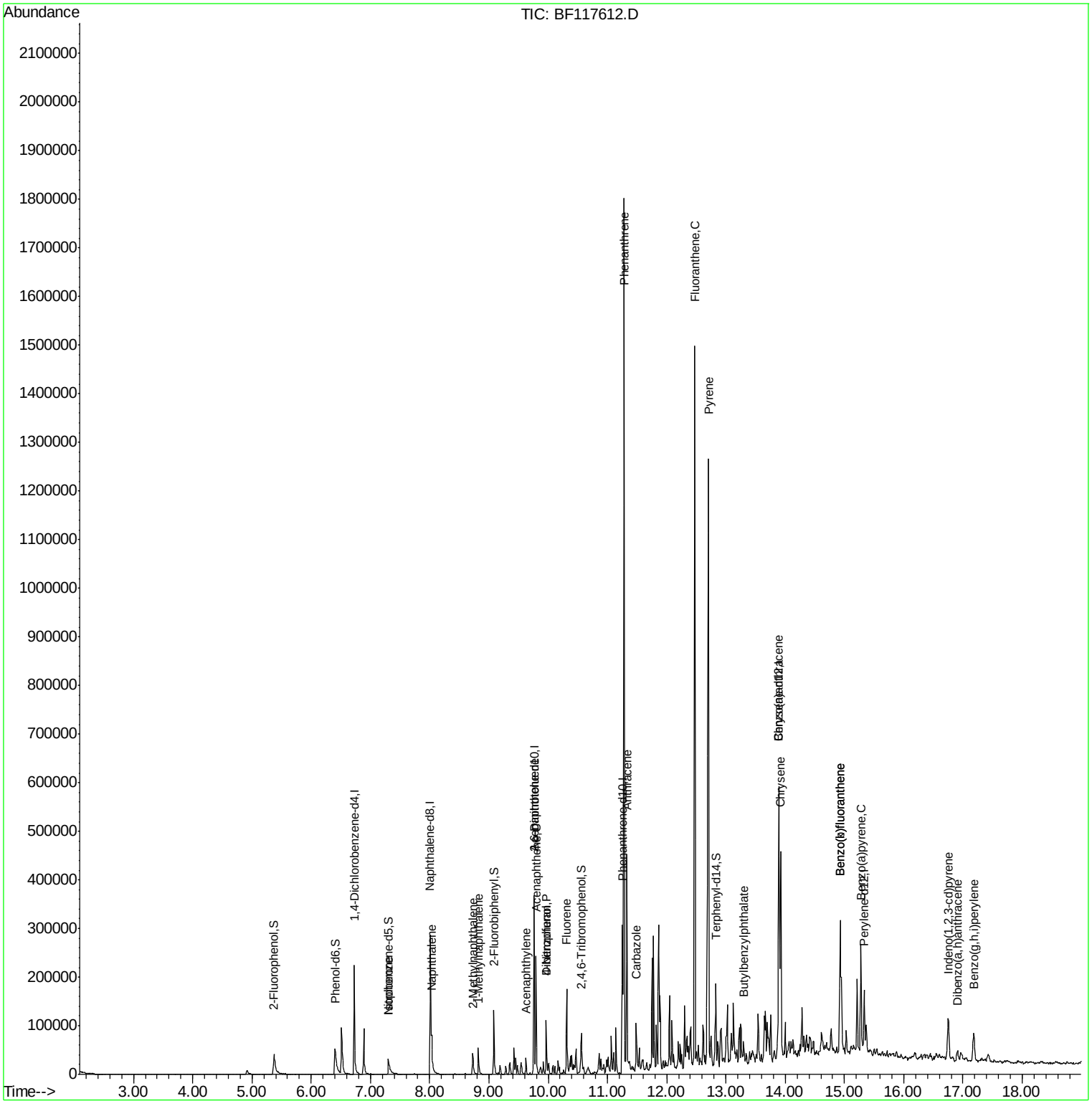
(#) = qualifier out of range (m) = manual integration (+) = signals summed

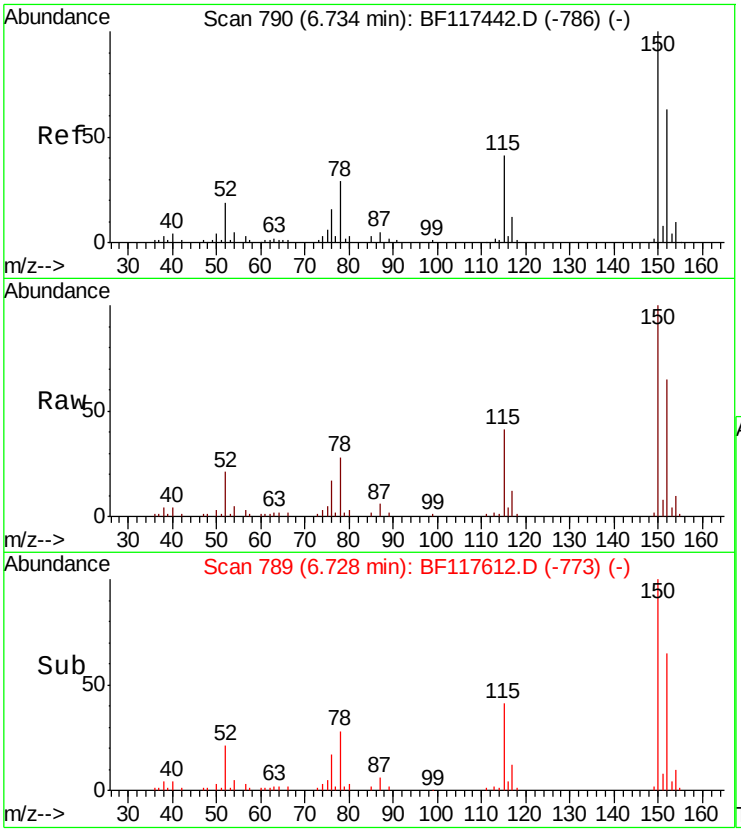
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117612.D
Acq On : 30 Oct 2019 1:42
Operator : JU
Sample : K5576-19 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 06:59:36 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



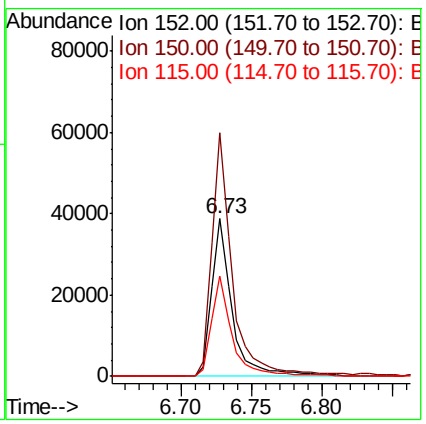


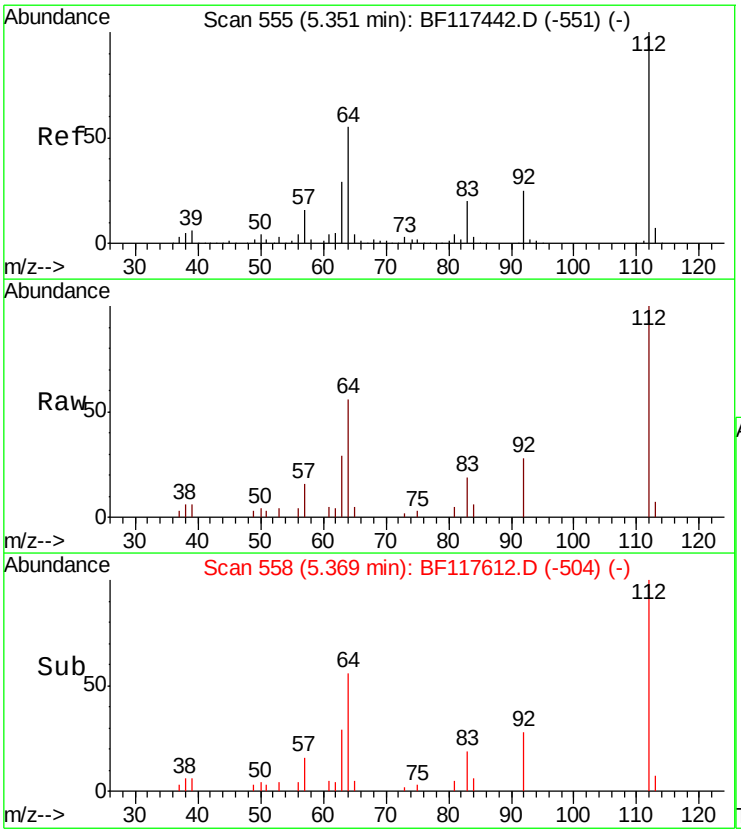
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 39139

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.8	190.2
115	63.6	51.6	77.4

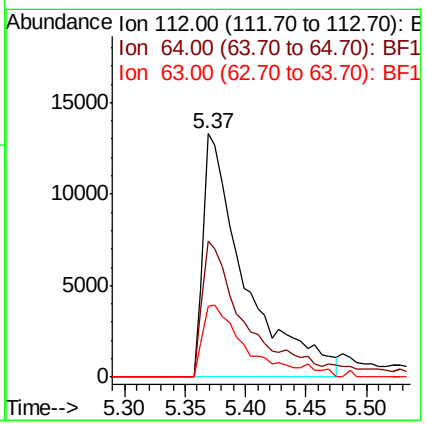


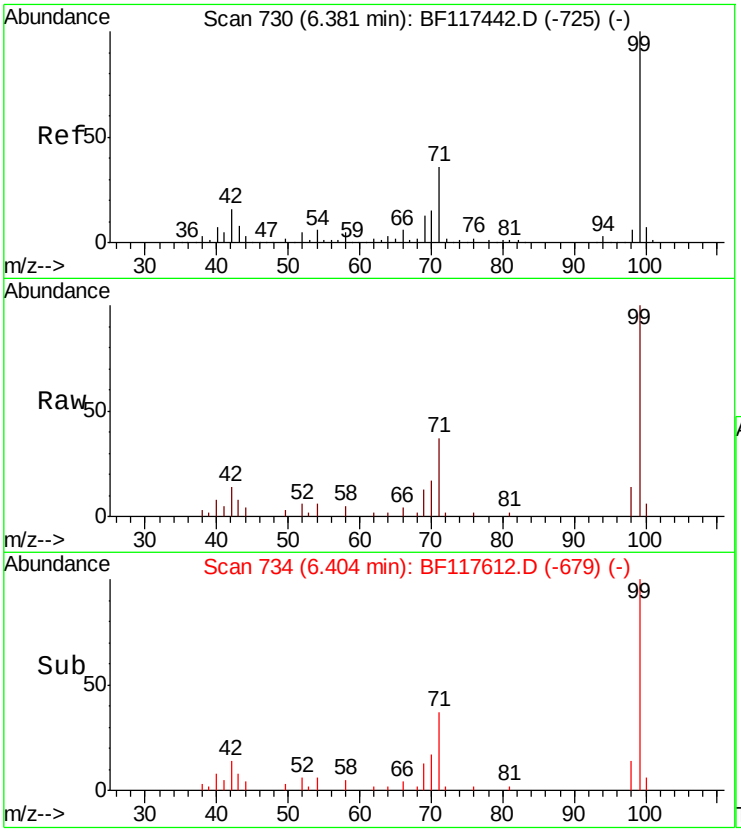


#5
2-Fluorophenol
Concen: 12.183 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:112 Resp: 32051

Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.1	66.1
63	29.2	23.4	35.2



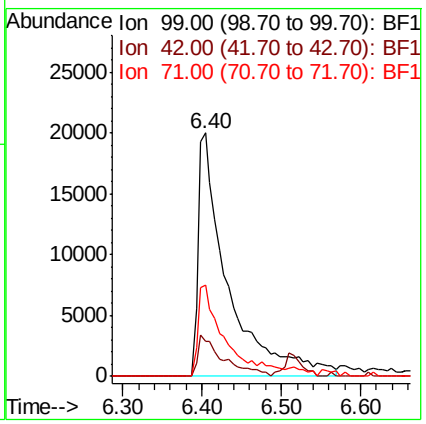


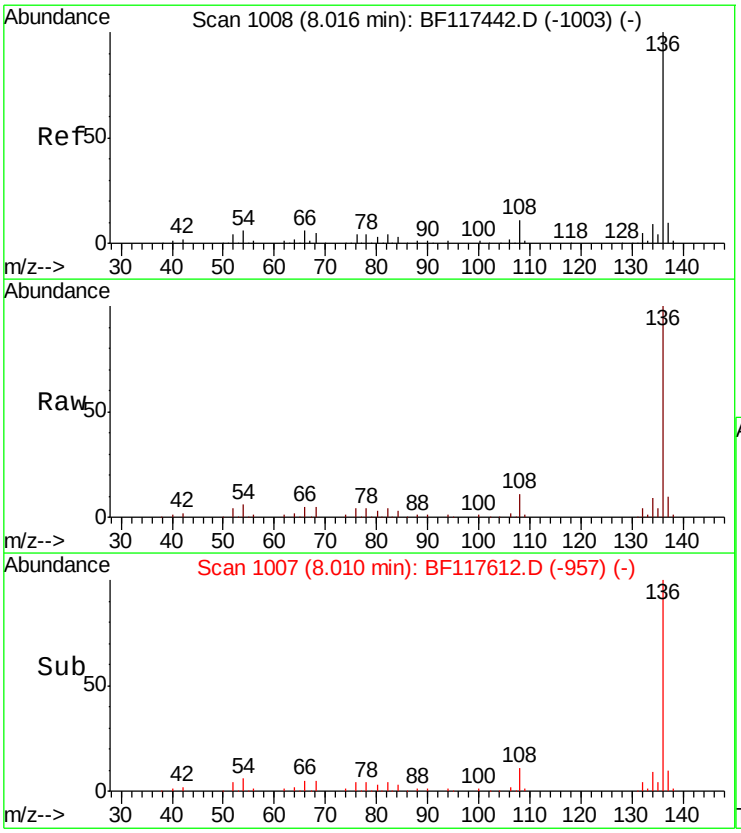
#7
Phenol-d6
Concen: 14.809 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.02 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 52328

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.8	19.2
71	37.4	28.6	43.0

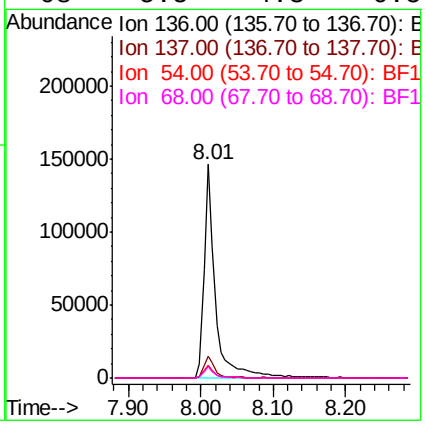


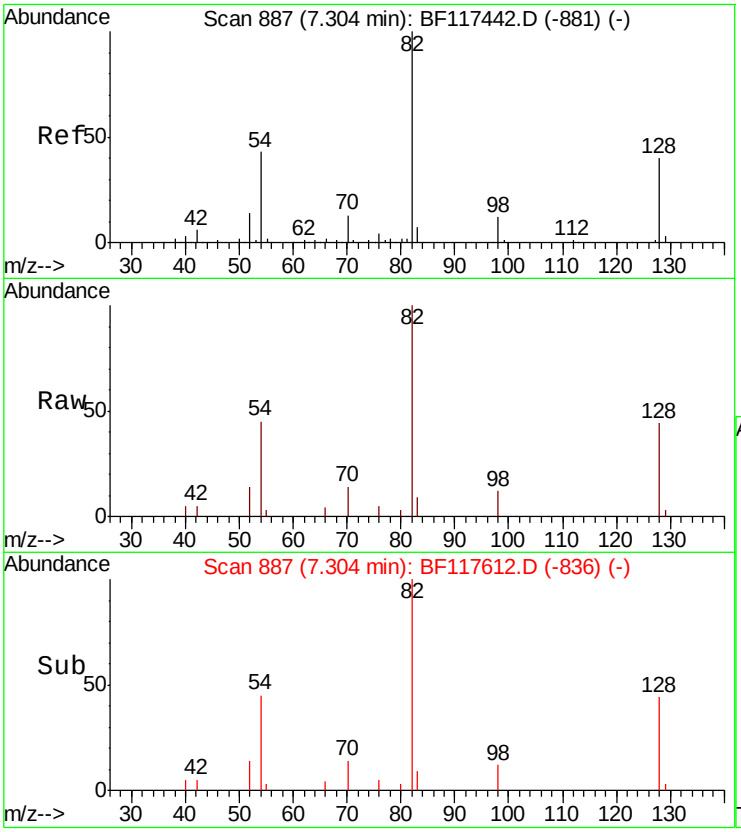


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:136 Resp: 161238

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.4
54	5.9	4.5	6.7
68	5.5	4.3	6.5



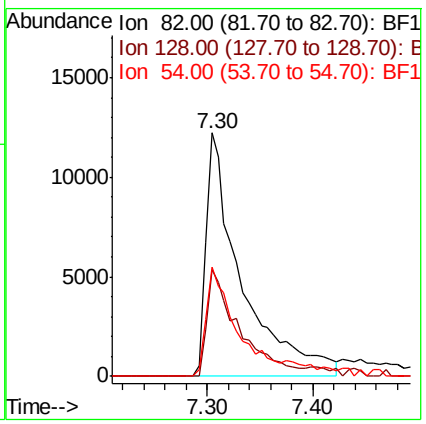


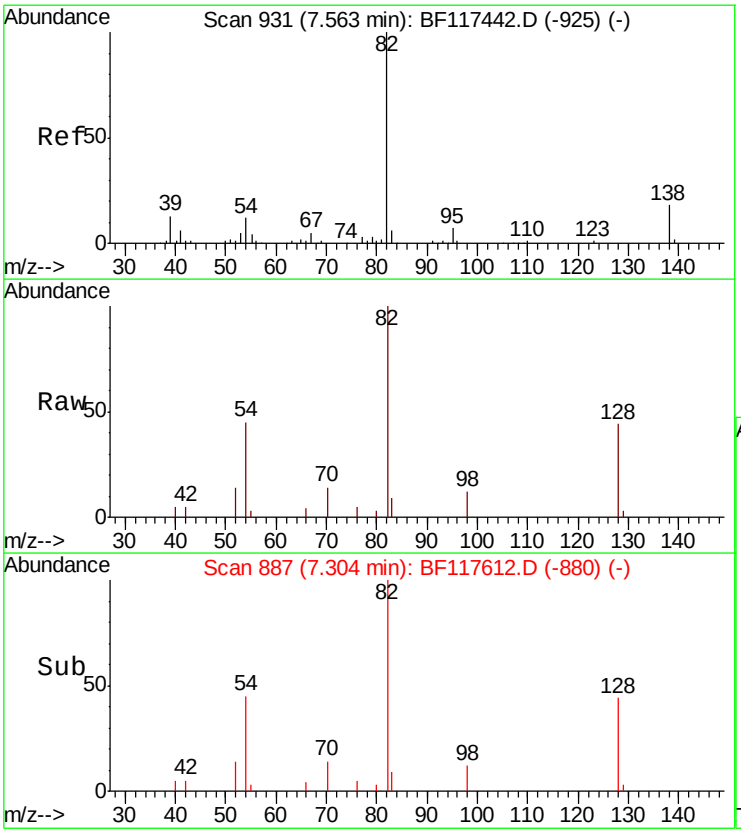
#23
Nitrobenzene-d5
Concen: 8.721 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 28482

Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.2	48.2
54	44.9	34.2	51.2

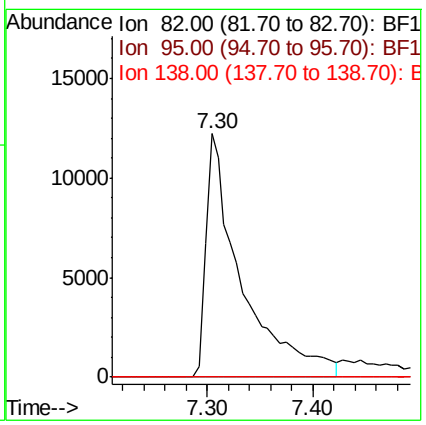


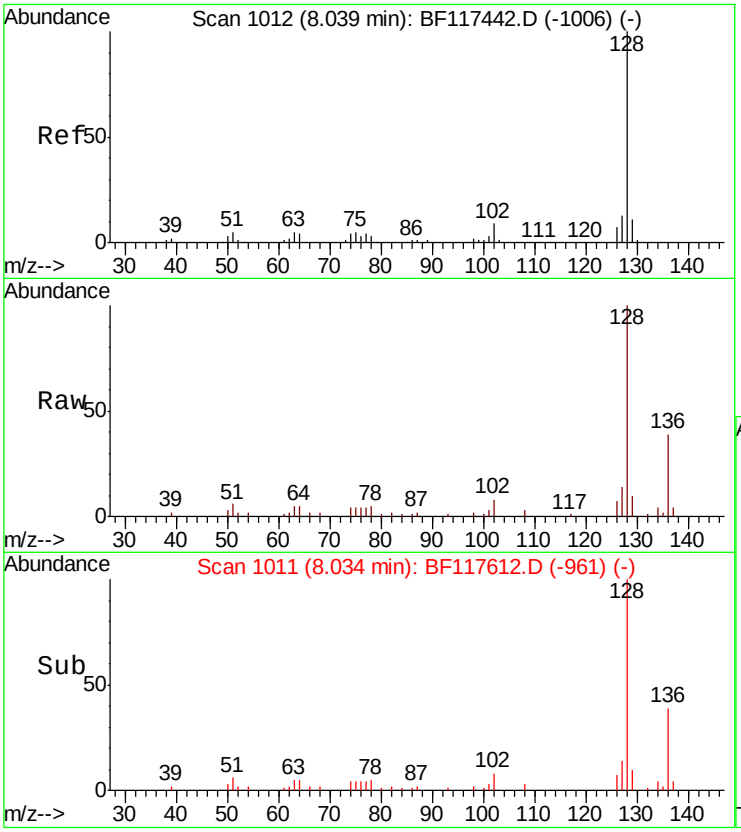


#25
Isophorone
Concen: 5.041 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion: 82 Resp: 28482

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



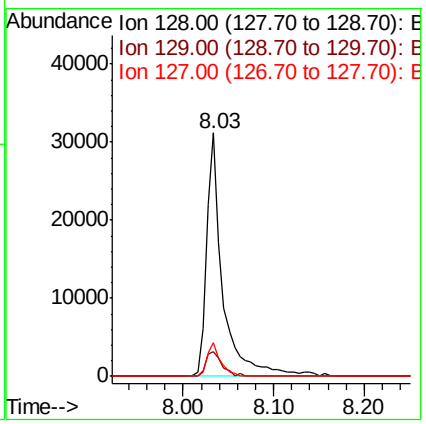


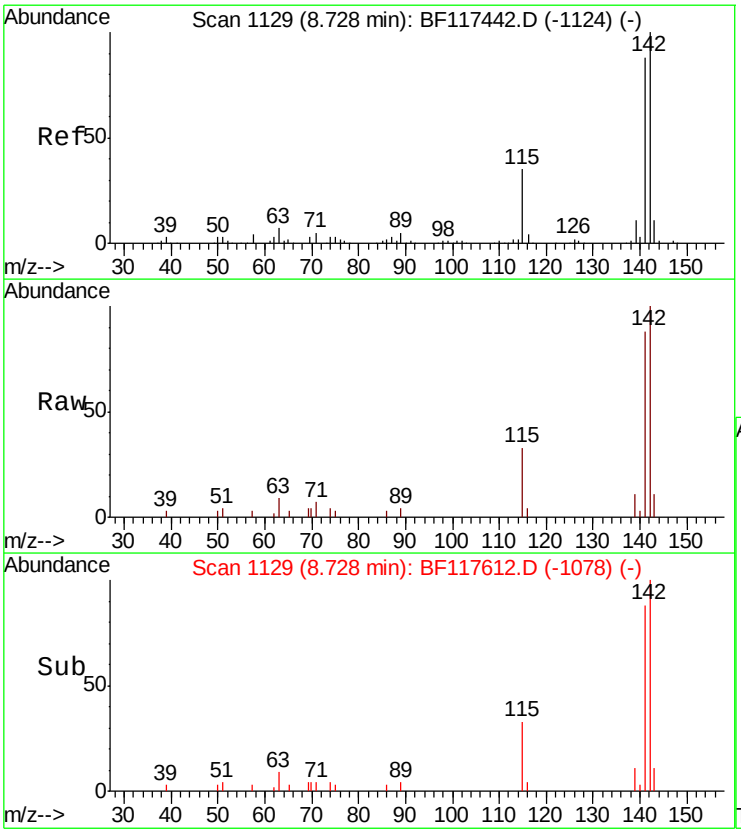
#31
Naphthalene
Concen: 4.890 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 39078

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.4
127	13.9	10.2	15.2

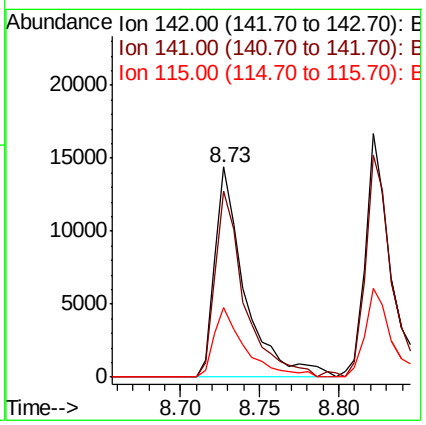


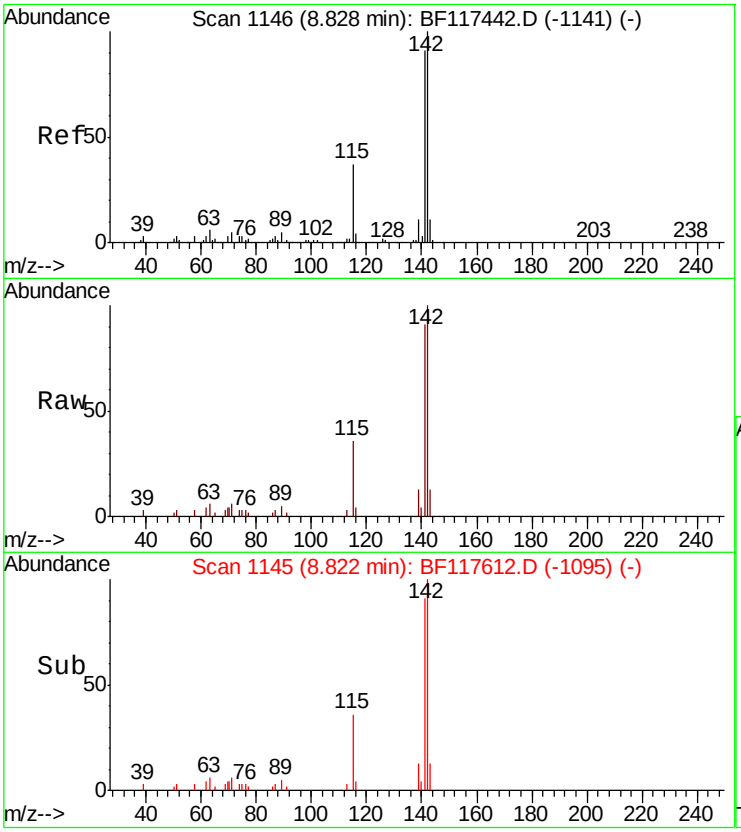


#37
2-Methylnaphthalene
Concen: 3.512 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:142 Resp: 18915

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	33.3	28.2	42.2



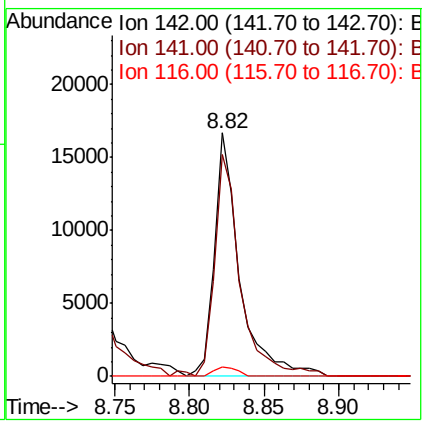


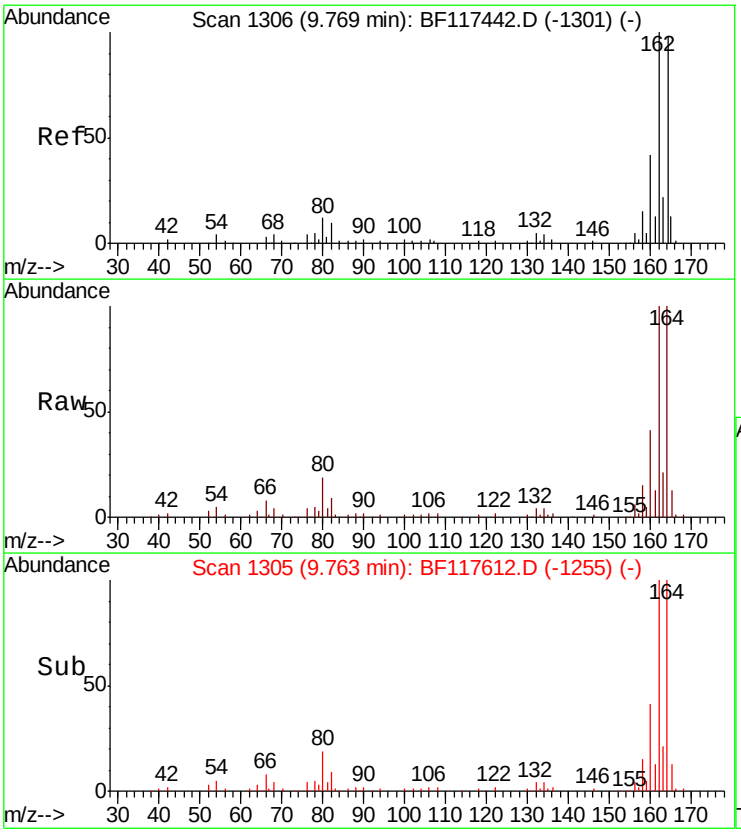
#38
1-Methylnaphthalene
Concen: 3.909 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 19783

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.3	109.9
116	3.9	3.1	4.7

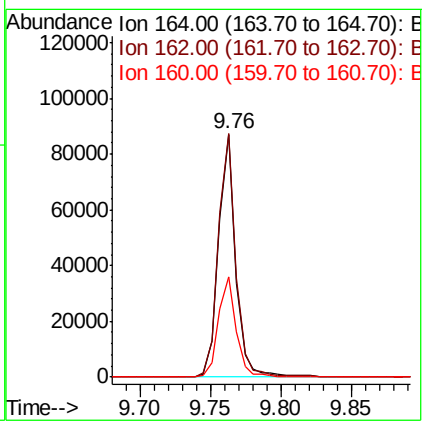


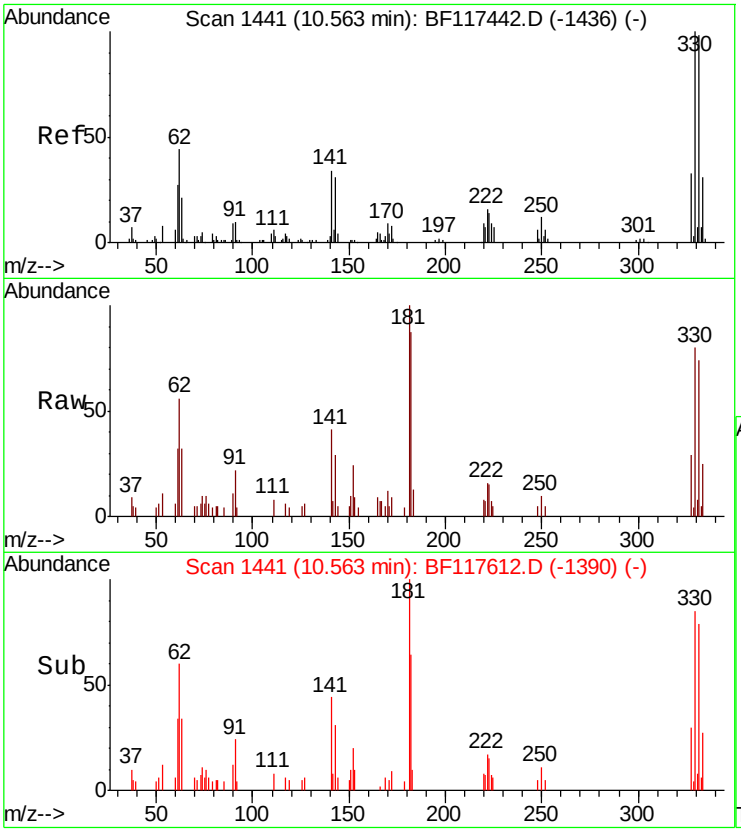


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:164 Resp: 73978

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.8	122.6
160	41.4	34.4	51.6



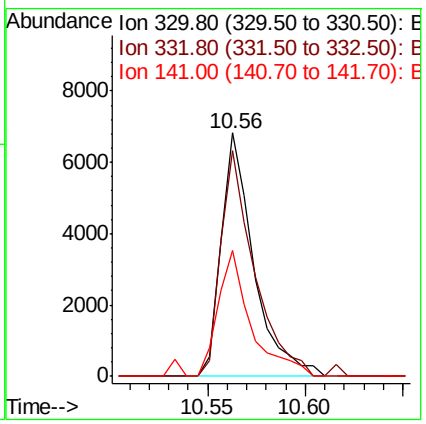


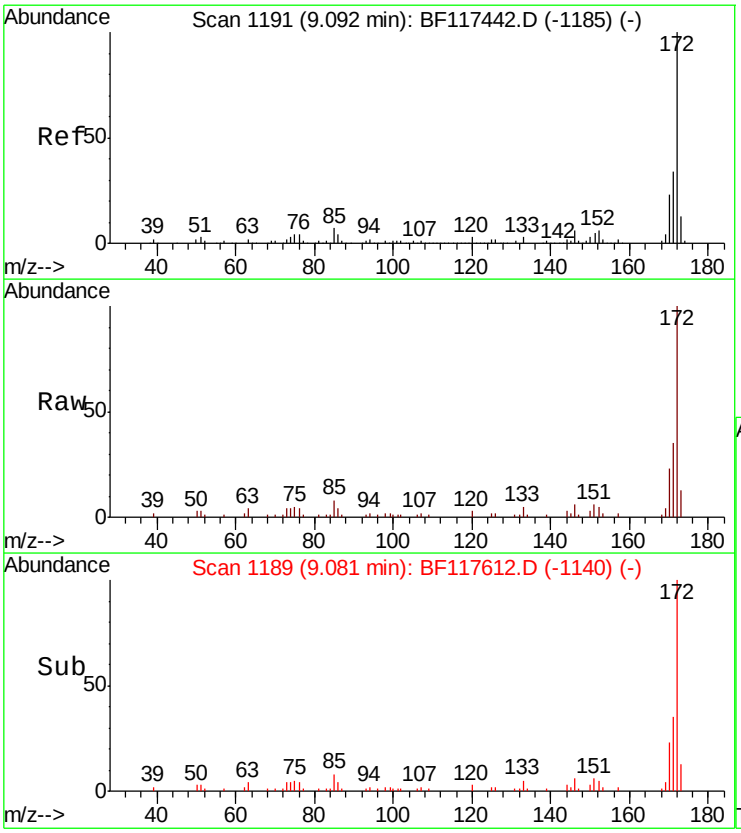
#42
2,4,6-Tribromophenol
Concen: 12.340 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 7899

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.5	117.7
141	52.1	37.0	55.6

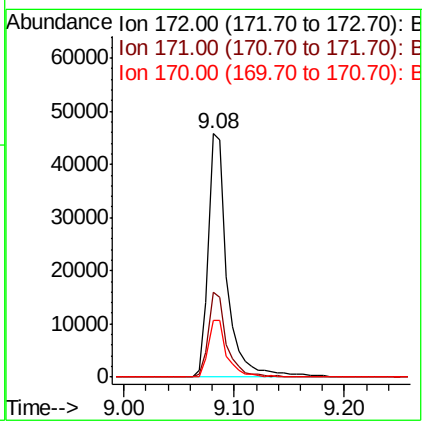


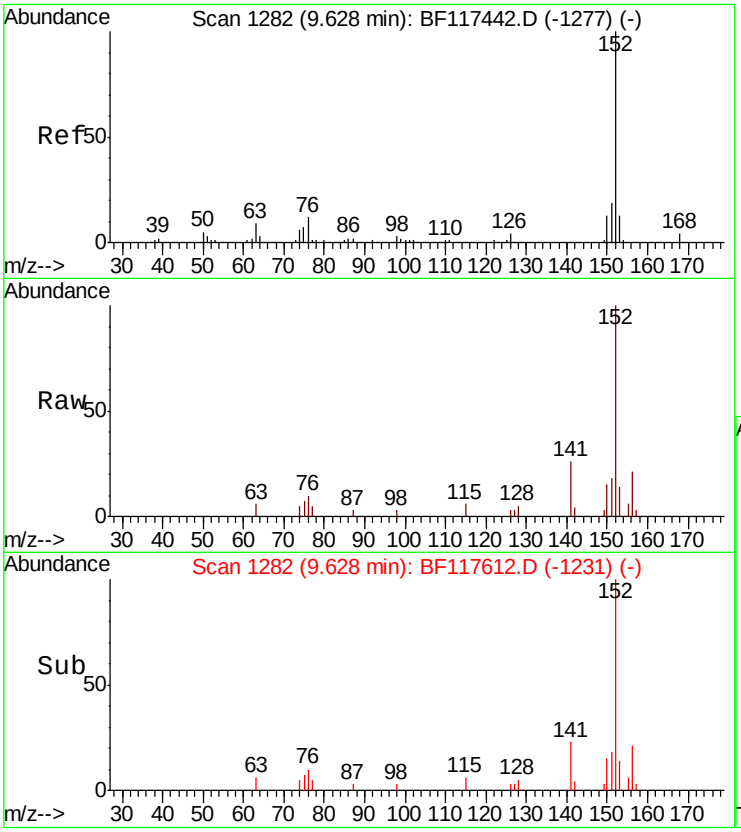


#45
2-Fluorobiphenyl
Concen: 10.204 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:172 Resp: 53578

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.5	41.3
170	23.1	18.6	27.8



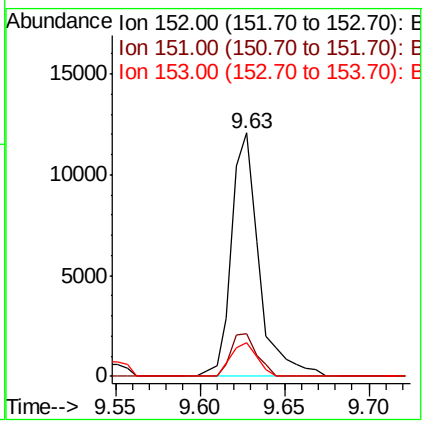


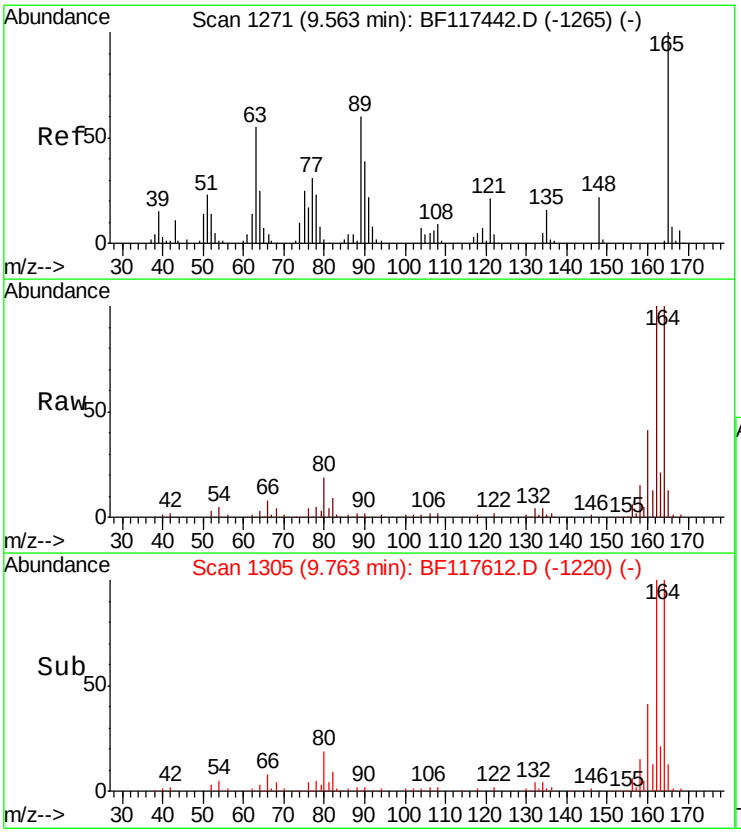
#49
Acenaphthylene
Concen: 2.000 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 13566

Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.4	23.0
153	13.8	10.3	15.5

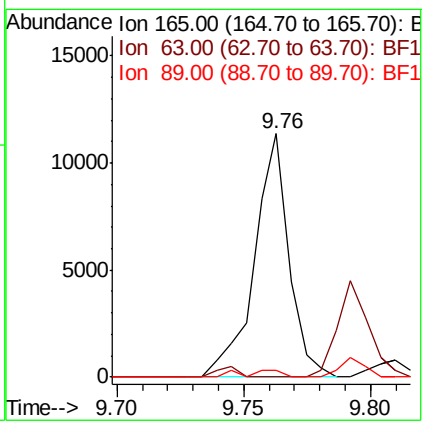


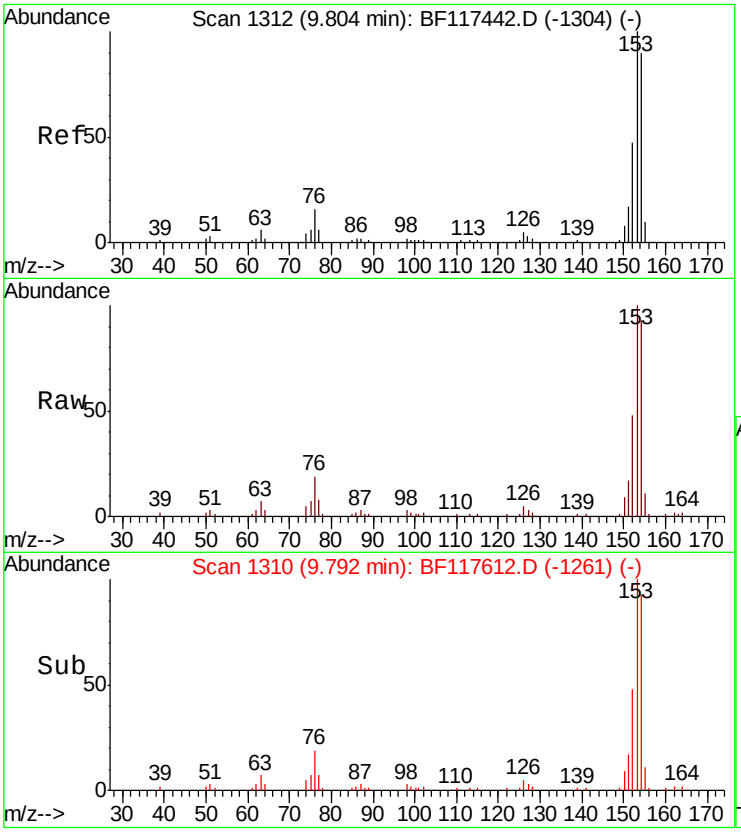


#51
2,6-Dinitrotoluene
Concen: 9.792 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:165 Resp: 10776

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	2.7	47.6	71.4#



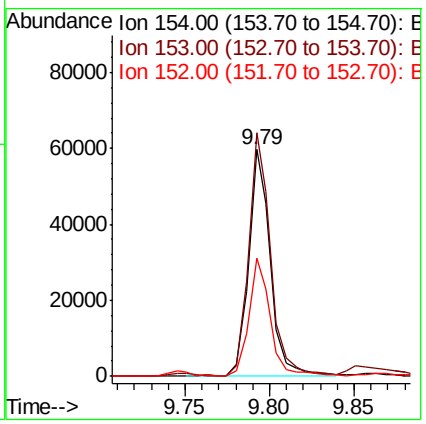


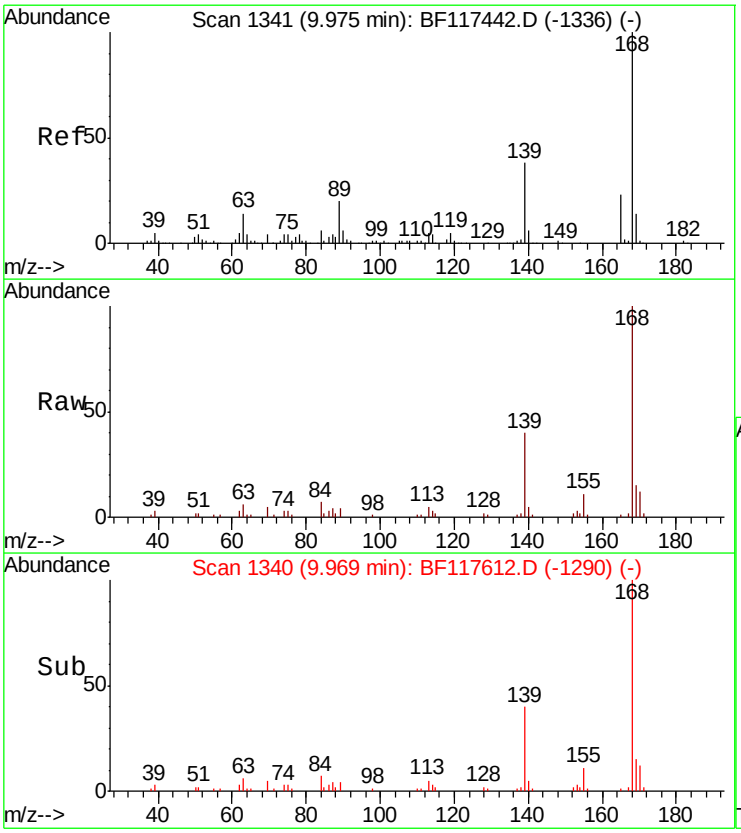
#52
Acenaphthene
Concen: 12.922 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 53774

Ion	Ratio	Lower	Upper
154	100		
153	107.5	89.2	133.8
152	52.1	41.8	62.6

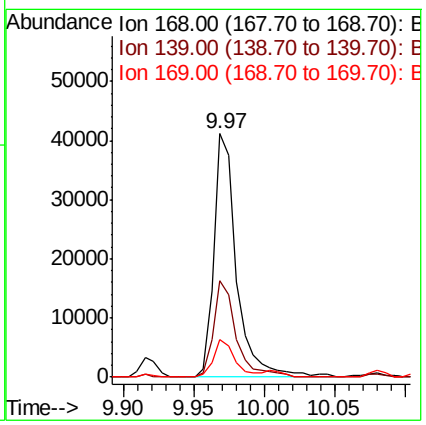


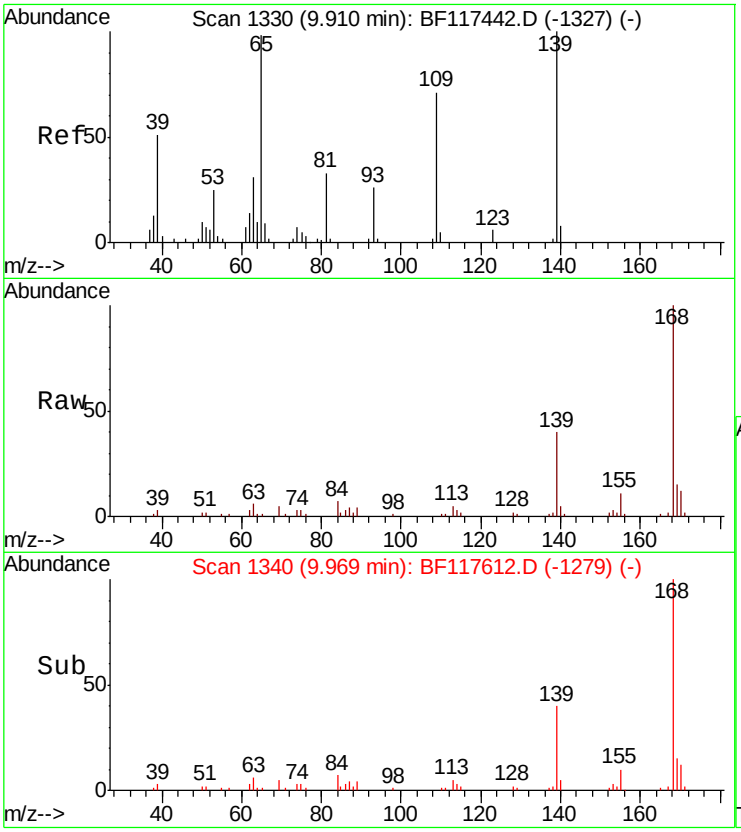


#55
Dibenzofuran
Concen: 7.648 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:168 Resp: 46112

Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.8	47.6
169	15.4	11.2	16.8



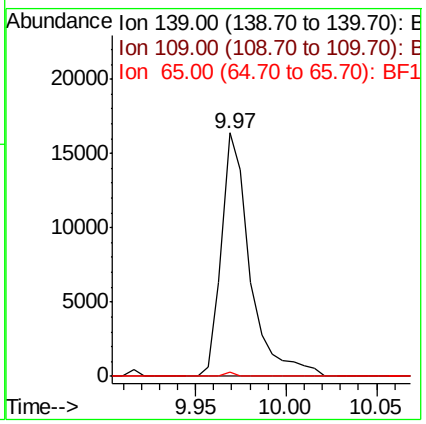


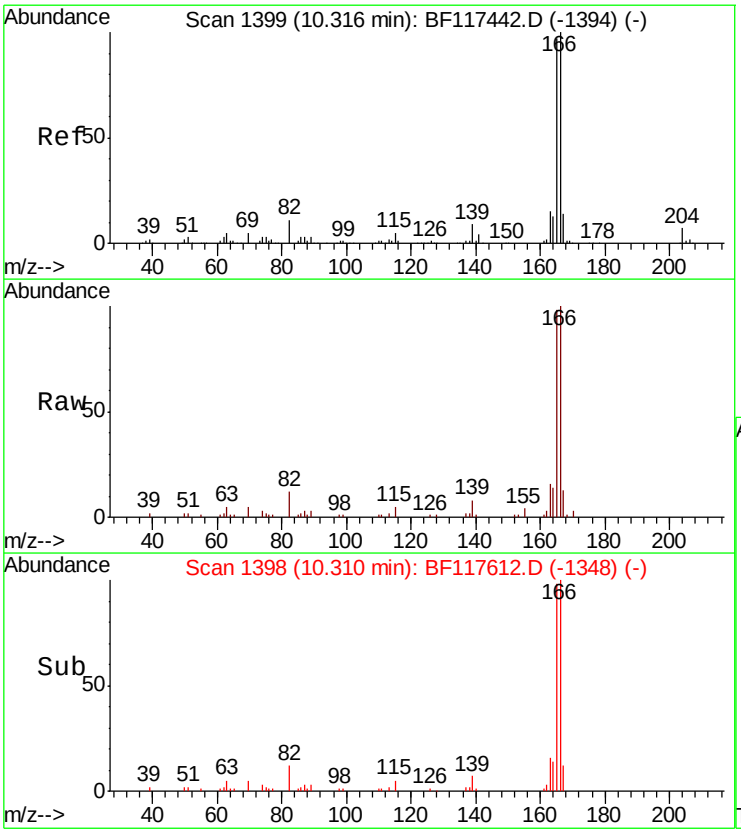
#56
4-Nitrophenol
Concen: 31.994 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 18059

Ion	Ratio	Lower	Upper
139	100		
109	0.0	51.4	91.4#
65	1.8	79.4	119.4#

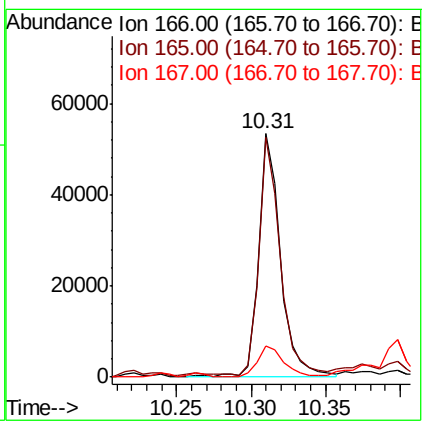


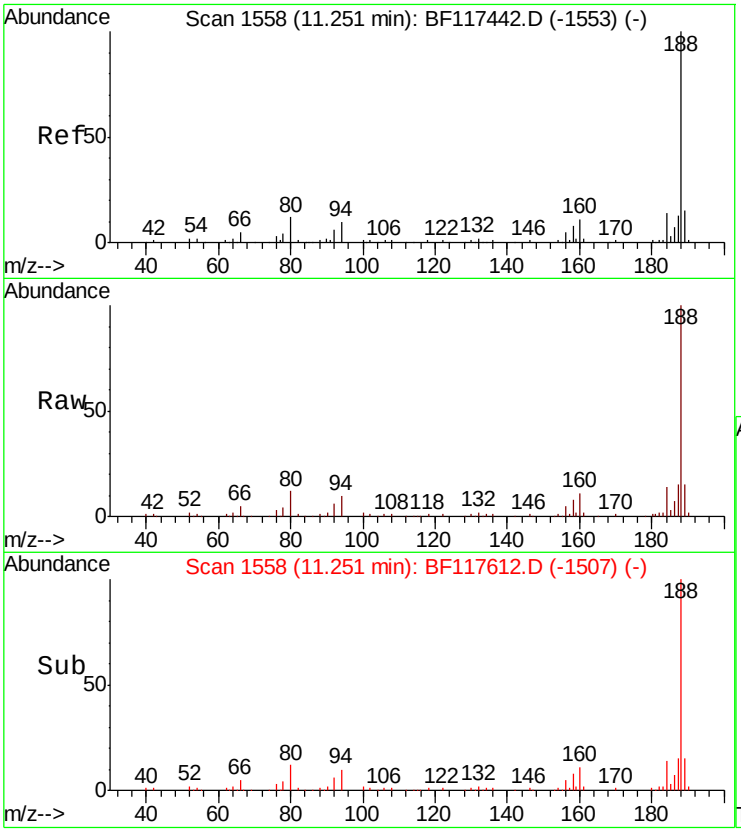


#58
Fluorene
Concen: 10.812 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:166 Resp: 53904

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.6	116.4
167	12.8	11.0	16.4



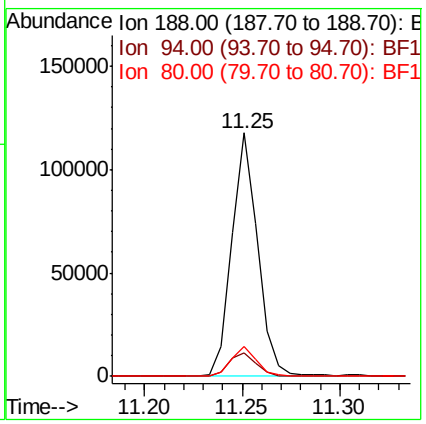


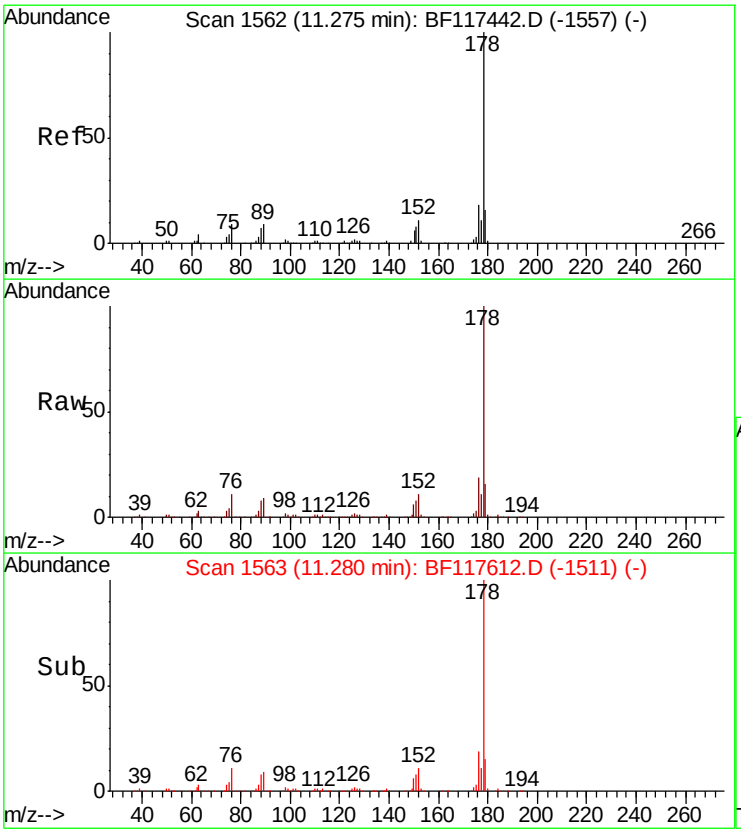
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 108502

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	12.0	9.5	14.3

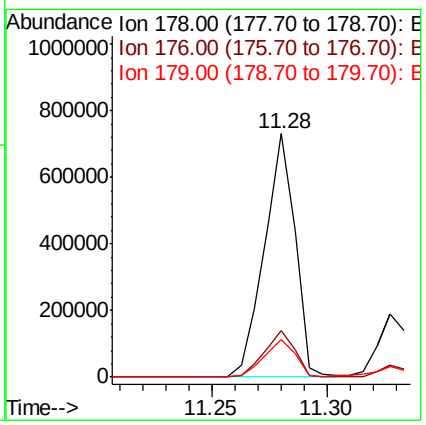


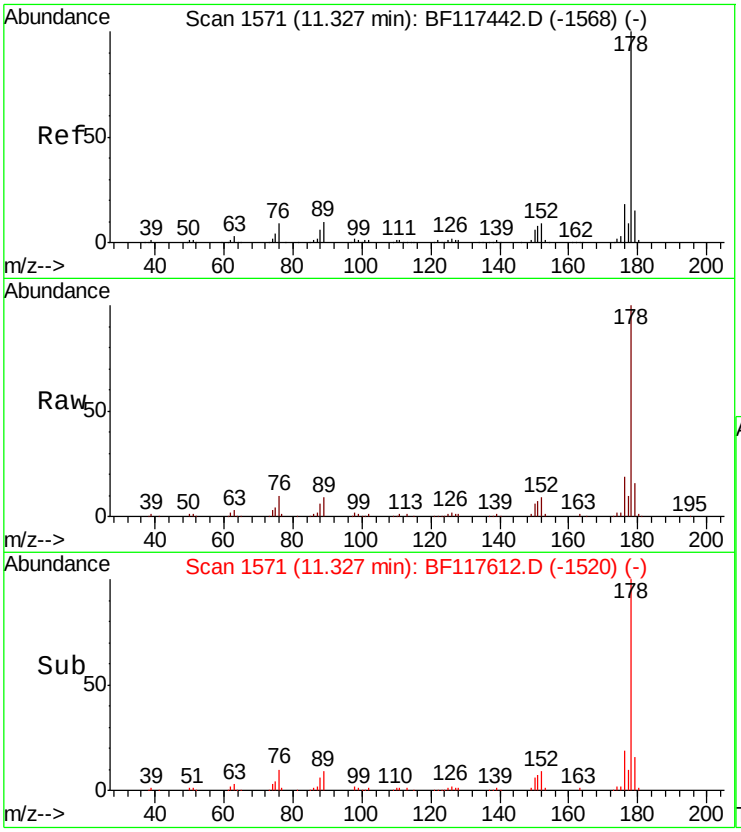


#71
Phenanthrene
Concen: 107.589 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:178 Resp: 677845

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.5	12.6	19.0



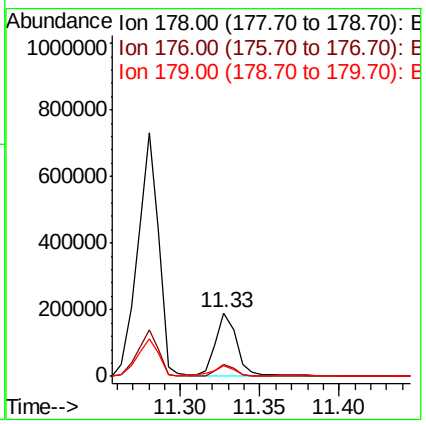


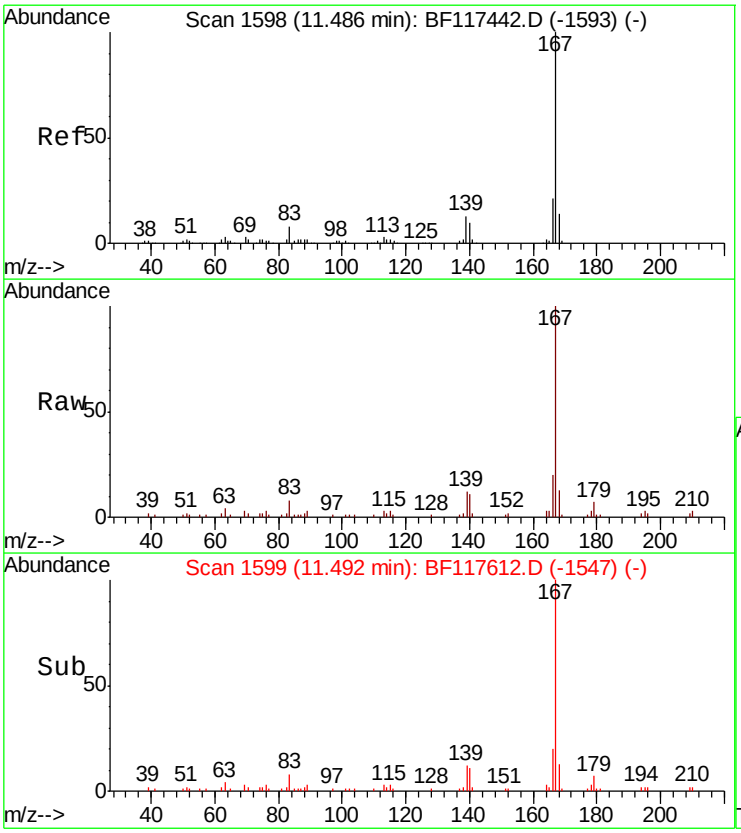
#72
Anthracene
Concen: 27.606 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 178459

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	16.1	12.2	18.2

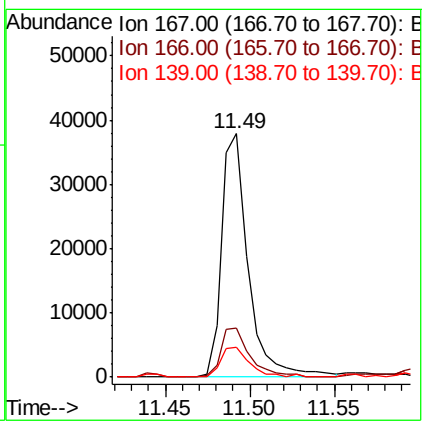


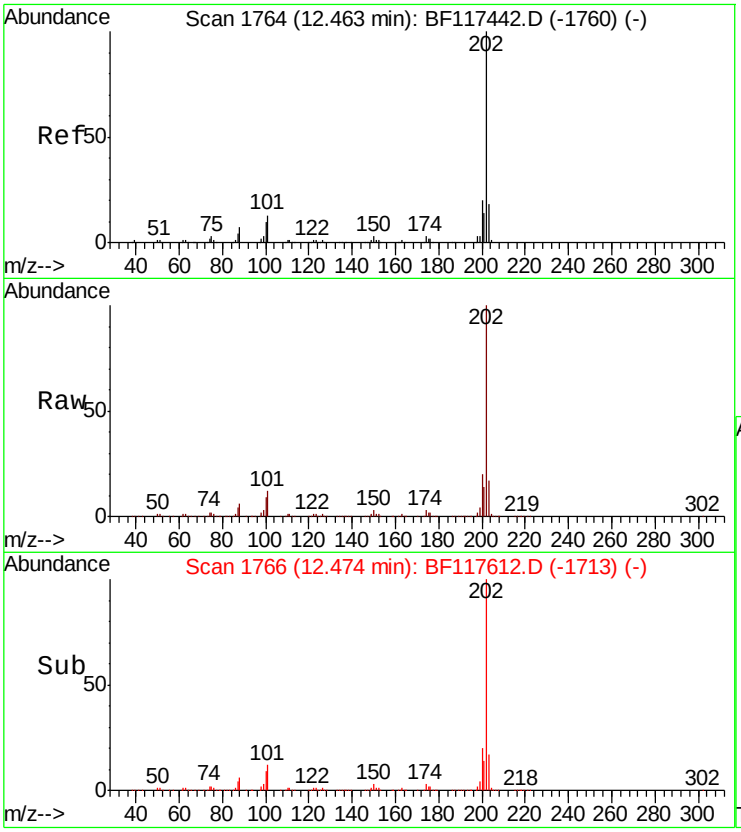


#73
Carbazole
Concen: 7.014 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:167 Resp: 41438

Ion	Ratio	Lower	Upper
167	100		
166	20.2	17.0	25.6
139	12.2	10.6	16.0



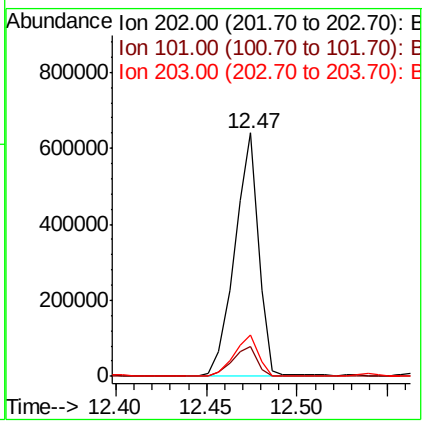


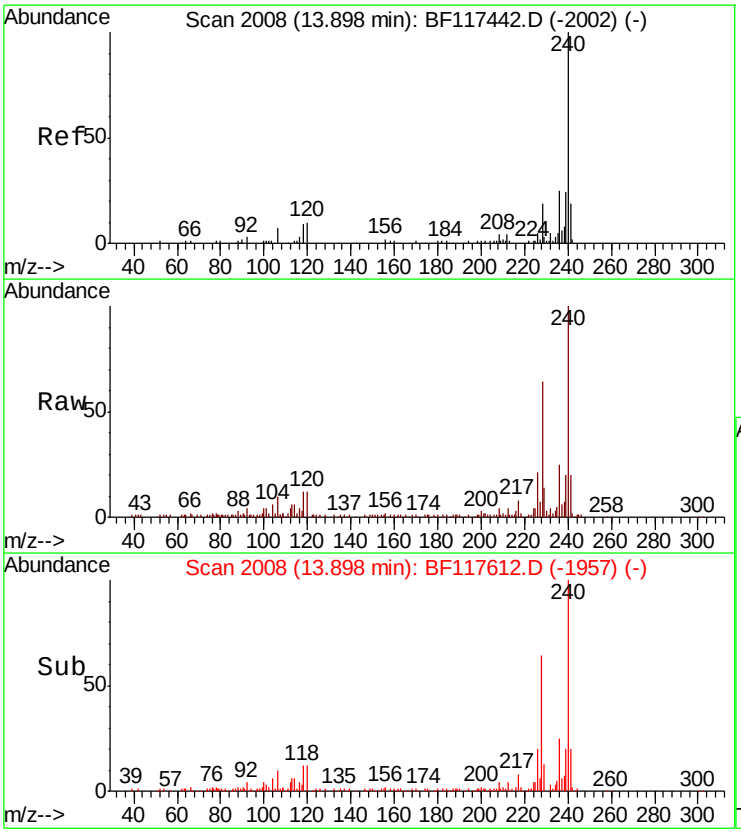
#75
Fluoranthene
Concen: 92.779 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 585165

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.7
203	17.1	0.0	37.6

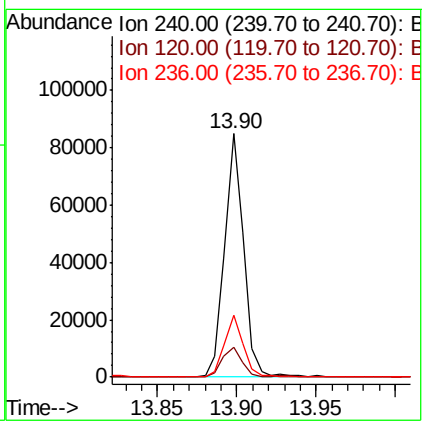


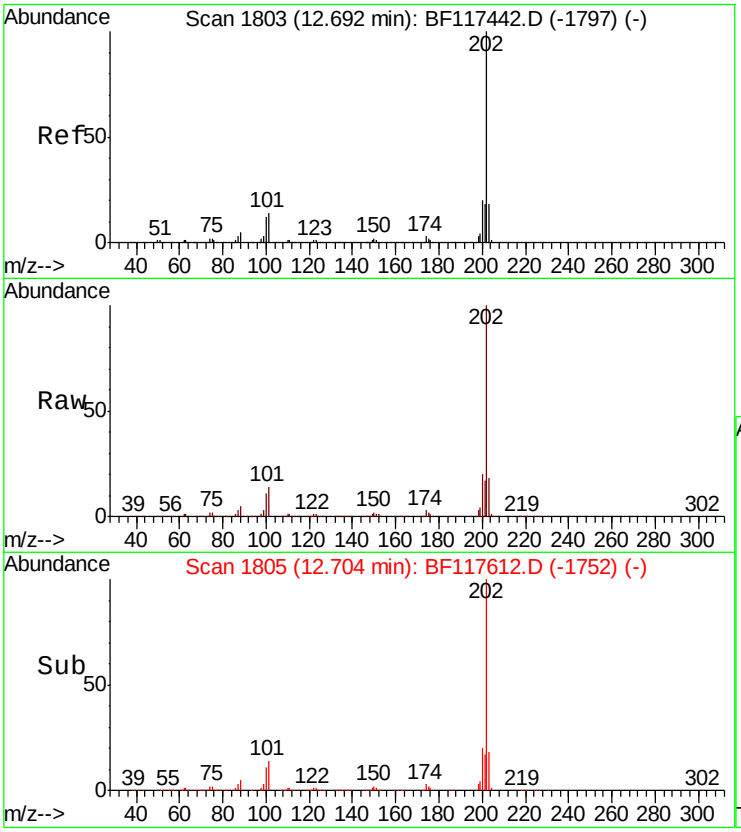


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:240 Resp: 70359

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.4	12.6
236	25.5	20.0	30.0



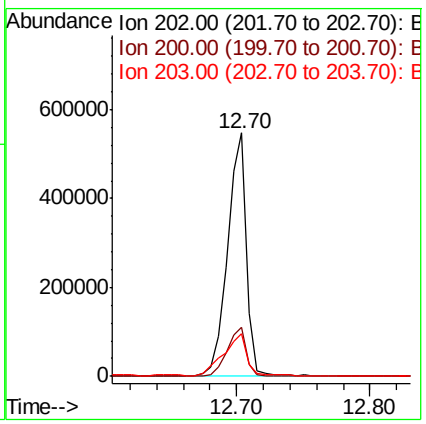


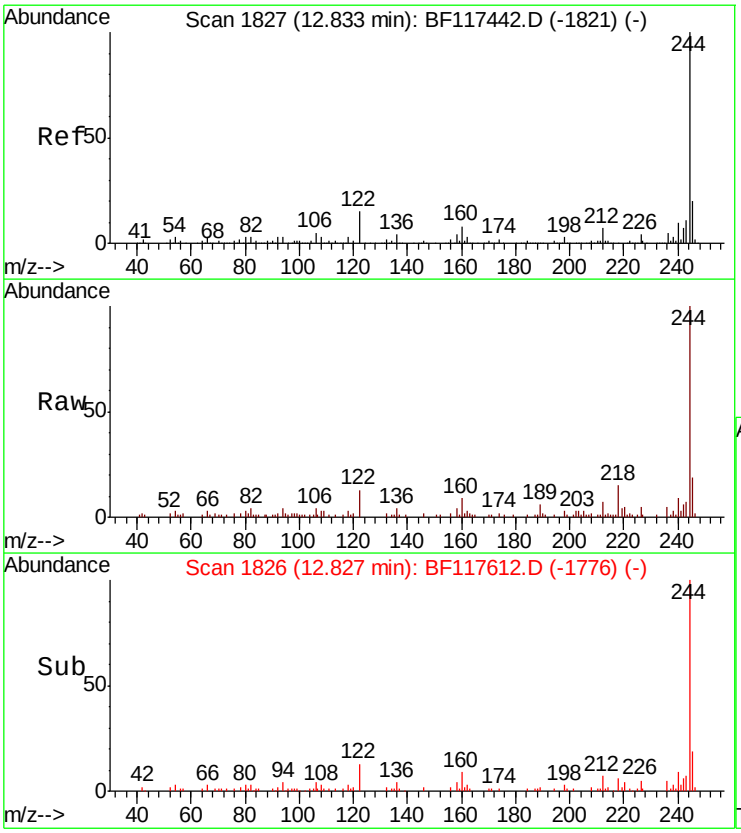
#78
Pyrene
Concen: 89.967 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 543711

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.8	14.0	21.0

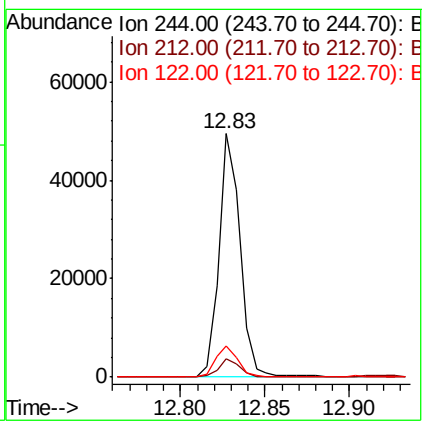


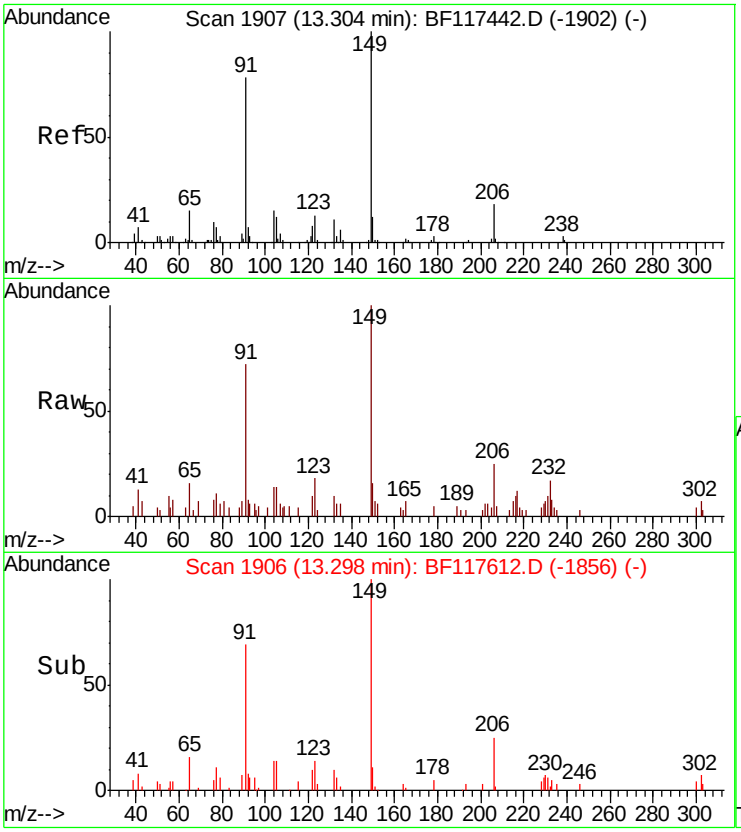


#79
Terphenyl-d14
Concen: 10.054 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:244 Resp: 43368

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	12.7	11.8	17.8



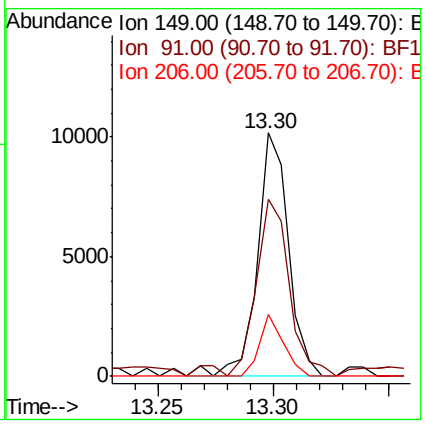


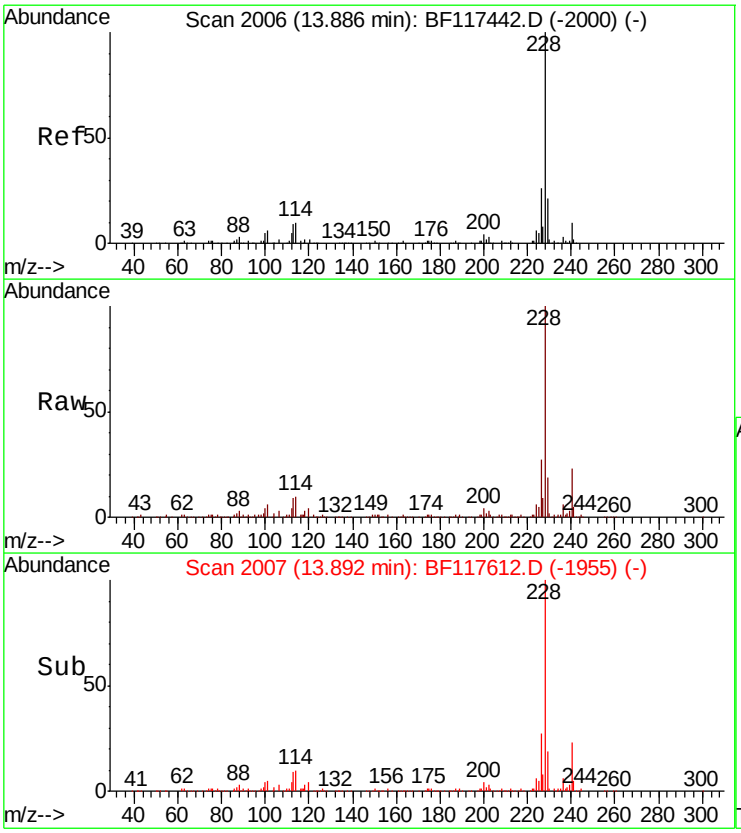
#80
Butylbenzylphthalate
Concen: 3.180 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 9564

Ion	Ratio	Lower	Upper
149	100		
91	72.5	62.1	93.1
206	25.4	14.3	21.5#

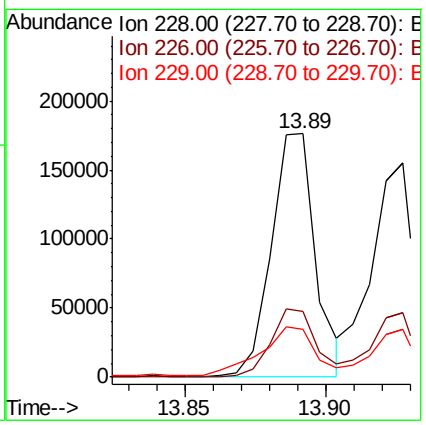


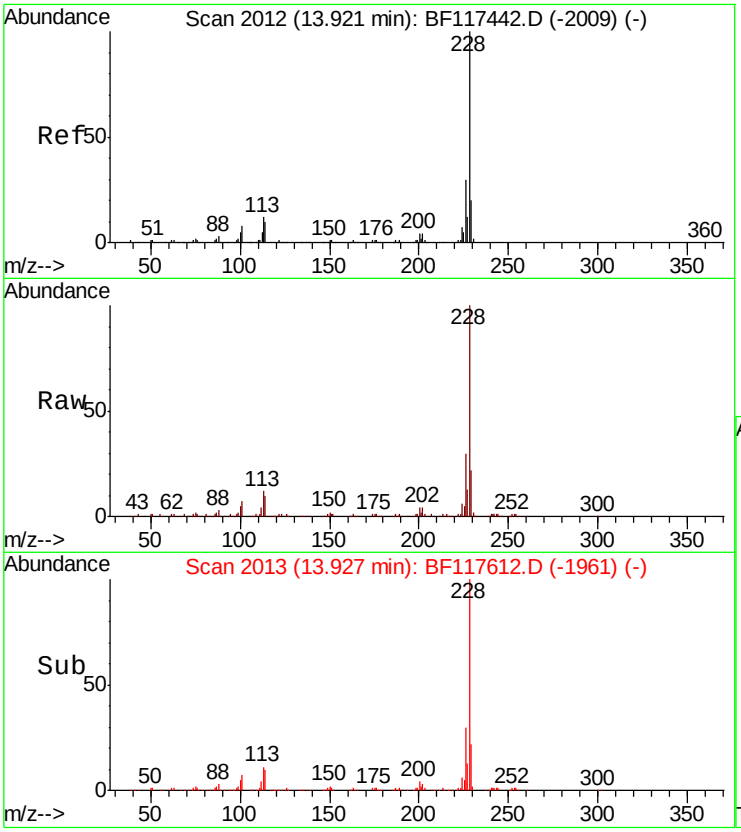


#81
Benzo(a)anthracene
Concen: 39.973 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:228 Resp: 189712

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.0	31.4
229	19.4	16.4	24.6



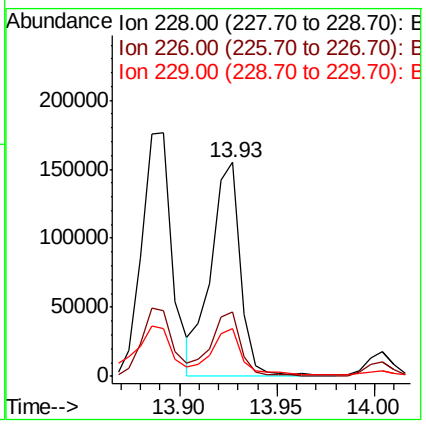


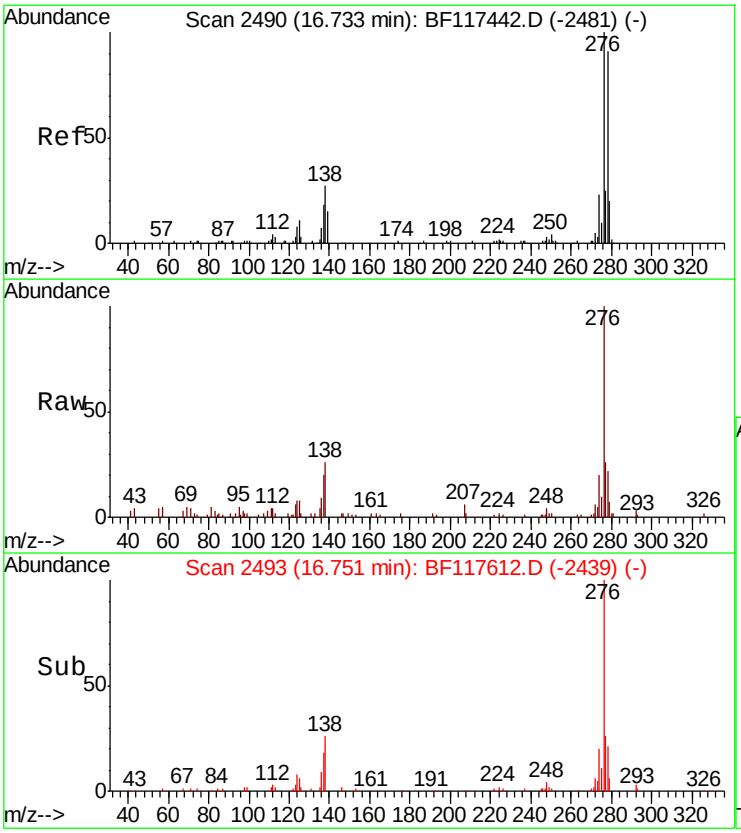
#83
Chrysene
Concen: 34.849 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 162097

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	22.1	15.8	23.6

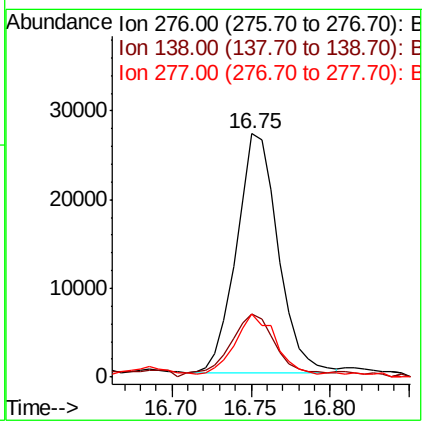


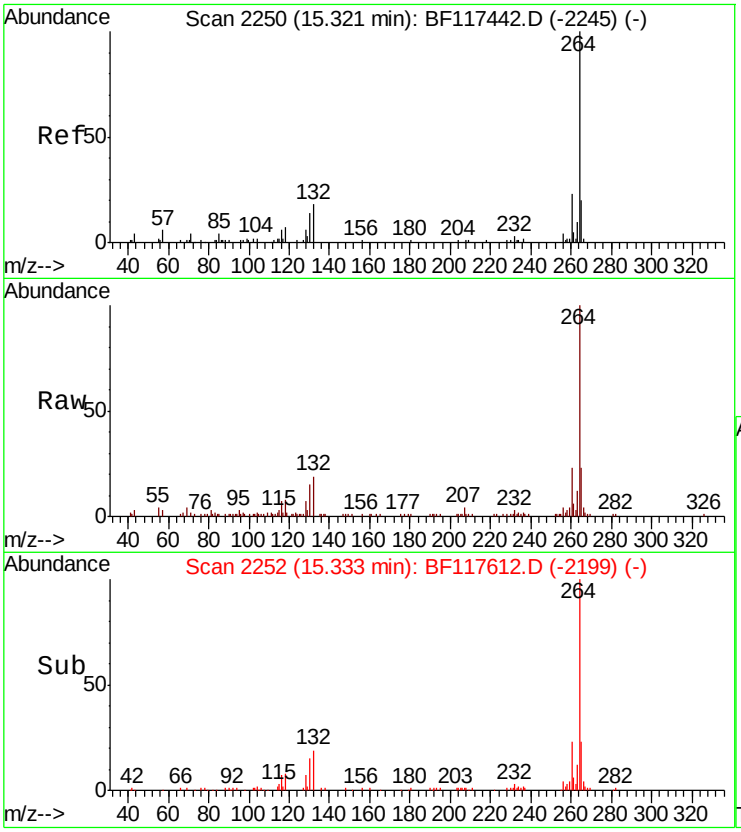


#86
Indeno(1,2,3-cd)pyrene
Concen: 14.086 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:276 Resp: 48916

Ion	Ratio	Lower	Upper
276	100		
138	29.9	21.8	32.8
277	24.0	20.0	30.0



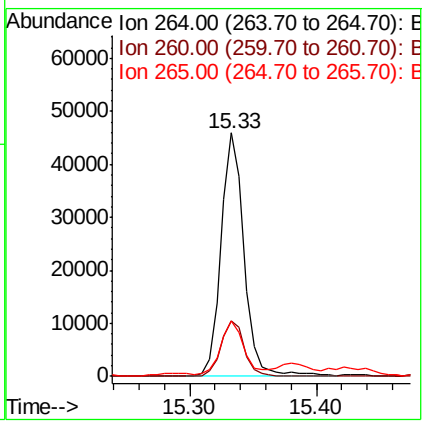


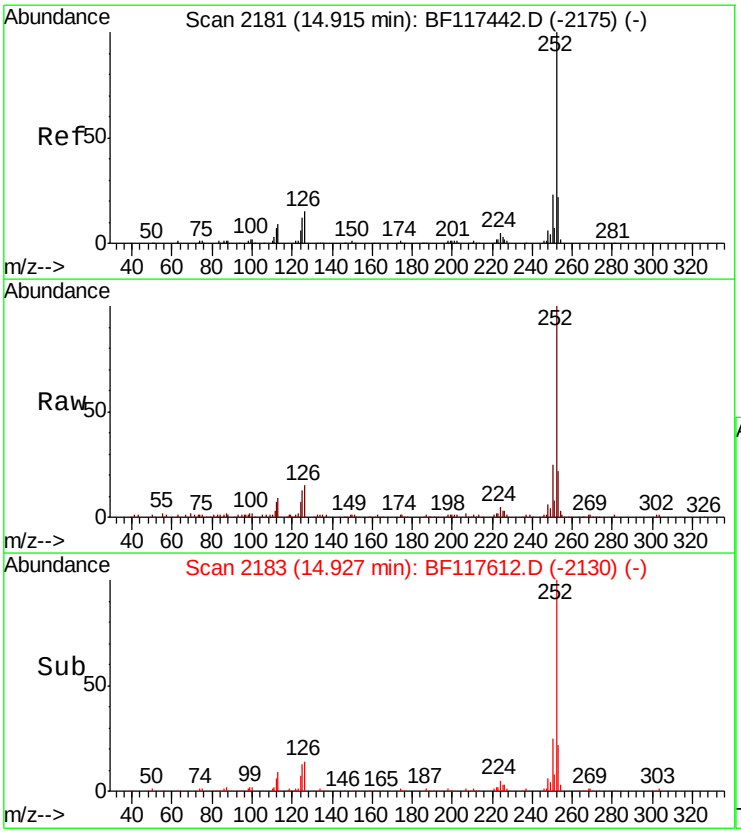
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 57764

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	22.7	16.1	24.1

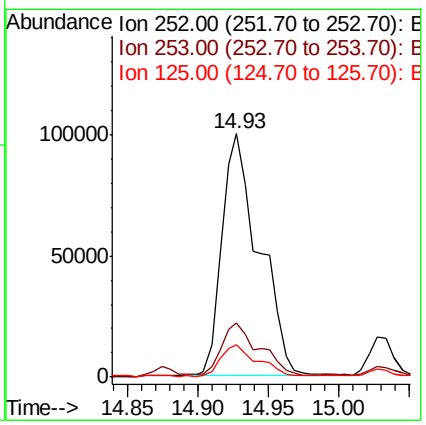


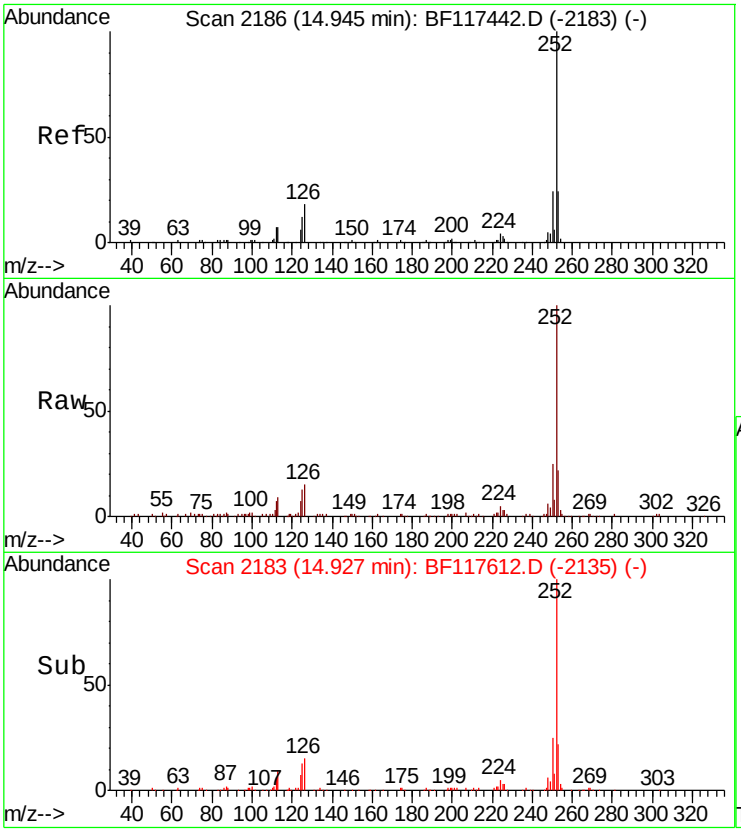


#88
Benzo(b)fluoranthene
Concen: 53.984 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:252 Resp: 184143

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	13.1	9.9	14.9



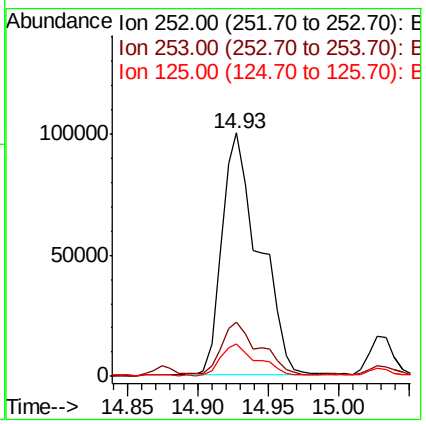


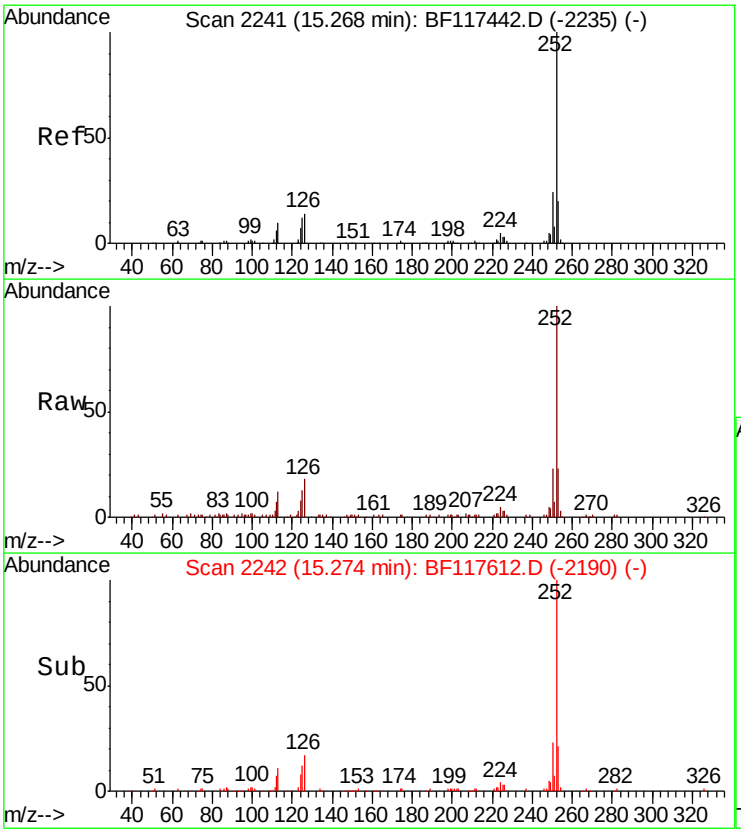
#89
Benzo(k)fluoranthene
Concen: 52.671 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 184143

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	13.1	8.9	13.3

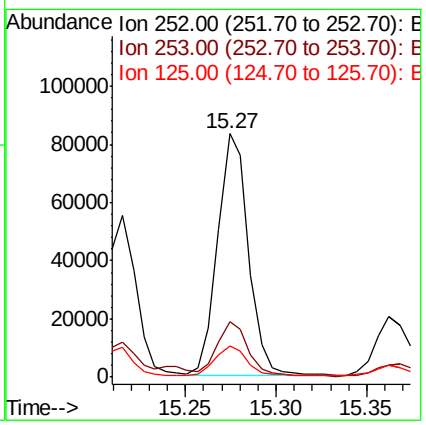


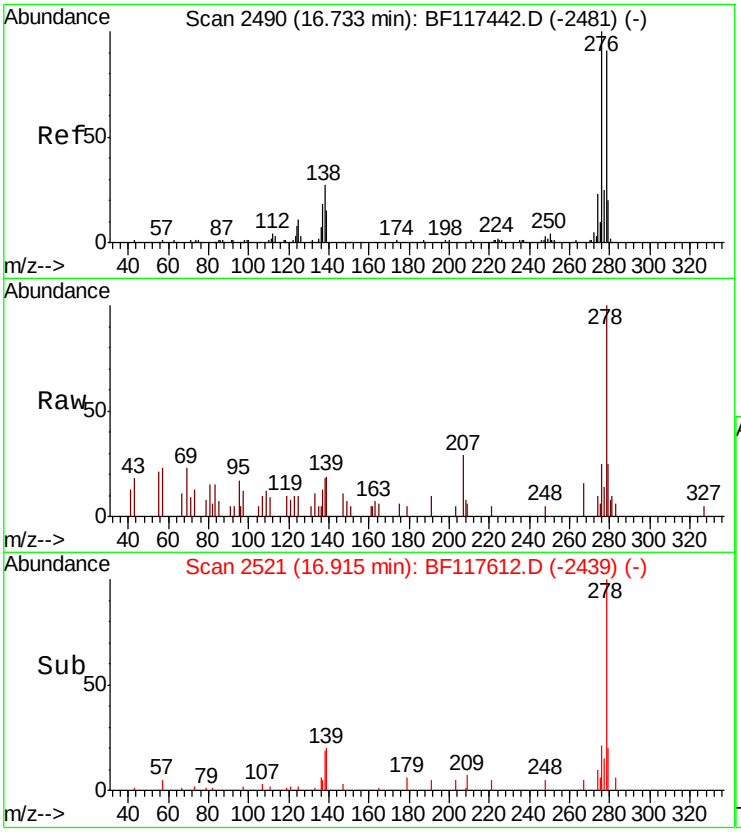


#90
Benzo(a)pyrene
Concen: 31.945 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:252 Resp: 99073

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.3	24.5
125	12.7	9.2	13.8



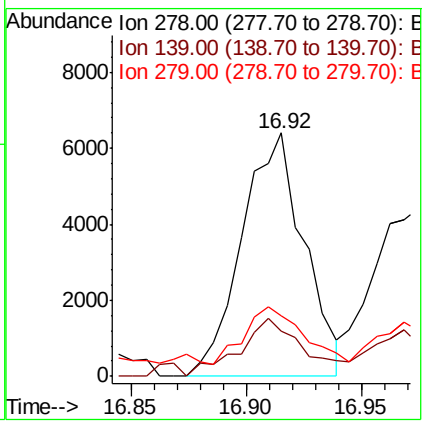


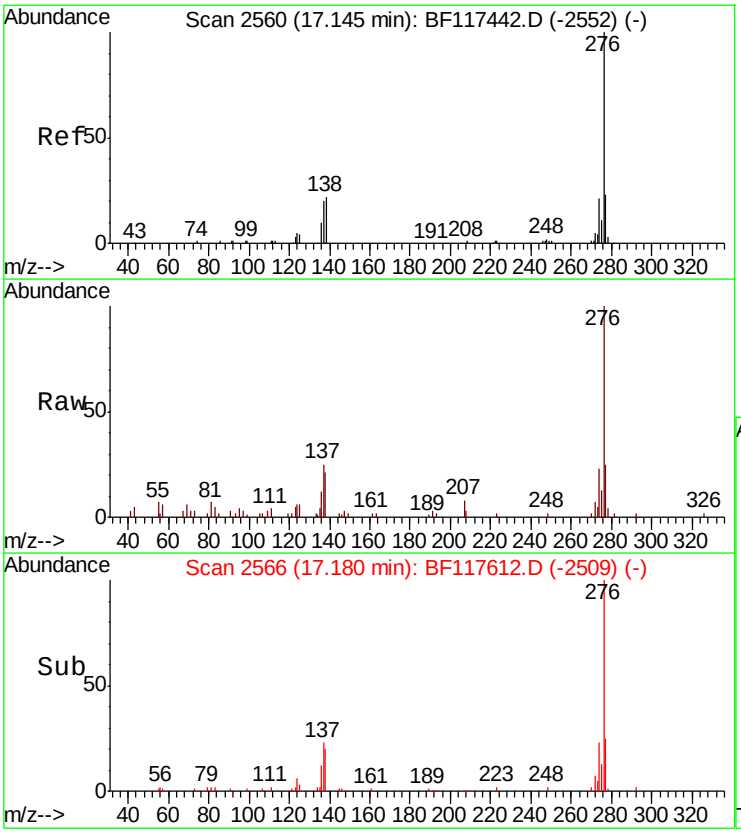
#91
Dibenzo(a,h)anthracene
Concen: 4.482 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.18 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 12018

Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.4	20.0
279	25.1	17.8	26.6





#92
Benzo(g,h,i)perylene
Concen: 18.506 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.04 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:276 Resp: 46955

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	21.2	17.8	26.6