Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117511.D
Acq On : 24 Oct 2019 15:46
Operator : JU
Sample : K5498-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-36-(0-1)

Quant Time: Oct 25 01:03:35 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	44168	20.00 ng		0.00
21) Naphthalene-d8	8.01	136	166920	20.00 ng		0.00
39) Acenaphthene-d10	9.76	164	77811	20.00 ng		0.00
64) Phenanthrene-d10	11.24	188	108883	20.00 ng		0.00
76) Chrysene-d12	13.89	240	89370	20.00 ng		0.00
87) Perylene-d12	15.33	264	102890	20.00 ng		0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	213771	72.00 ng		0.00
7) Phenol-d6	6.38	99	283358	71.06 ng		0.00
23) Nitrobenzene-d5	7.30	82	172102	50.90 ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	43058	63.95 ng		0.00
45) 2-Fluorobiphenyl	9.09	172	210905	38.19 ng		0.00
79) Terphenyl-d14	12.83	244	139763	25.51 ng		0.00
Target Compounds						Qvalue
3) Pyridine	3.14	79	340	0.111 ng	#	32
6) Aniline	6.50	93	146	0.031 ng	#	1
9) Benzaldehyde	6.50	77	5266	Below Cal		80
10) Phenol	6.39	94	6863	1.686 ng		85
11) bis(2-Chloroethyl)ether	6.50	93	146	0.049 ng	#	1
15) Benzyl Alcohol	6.89	79	2539	0.891 ng	#	46
18) Hexachloroethane	7.24	117	355	0.256 ng	#	3
19) n-Nitroso-di-n-propylamine	7.30	70	22160	9.100 ng	#	78
22) Acetophenone	7.17	105	119	0.027 ng	#	55
24) Nitrobenzene	7.30	77	312	0.096 ng	#	21
25) Isophorone	7.30	82	172101	29.423 ng	#	65
31) Naphthalene	8.03	128	2929	0.354 ng	#	83
33) 4-Chloroaniline	8.04	127	122	0.035 ng	#	19
37) 2-Methylnaphthalene	8.73	142	777	0.139 ng	#	67
38) 1-Methylnaphthalene	8.83	142	1061	0.203 ng	#	81
46) 1,1'-Biphenyl	9.19	154	531	0.082 ng		84
48) 2-Nitroaniline	9.48	65	319	0.200 ng	#	1
49) Acenaphthylene	9.63	152	2834	0.397 ng	#	92
50) Dimethylphthalate	9.48	163	29944	5.398 ng		97
51) 2,6-Dinitrotoluene	9.76	165	9919	8.569 ng	#	22
52) Acenaphthene	9.80	154	1809	0.413 ng		89
55) Dibenzofuran	9.97	168	1150	0.181 ng	#	80
56) 4-Nitrophenol	9.97	139	272	4.529 ng	#	6
57) 2,4-Dinitrotoluene	9.76	165	9919	6.445 ng	#	12
58) Fluorene	10.32	166	2268	0.432 ng	#	87
63) Azobenzene	10.46	77	128	0.022 ng	#	1
66) n-Nitrosodiphenylamine	10.55	169	1590	0.399 ng	#	40
67) 4-Bromophenyl-phenylether	10.56	248	2591	2.209 ng	#	1
71) Phenanthrene	11.27	178	31663	5.008 ng		97
72) Anthracene	11.33	178	10354	1.596 ng		99
73) Carbazole	11.50	167	3339	0.563 ng		98
74) Di-n-butylphthalate	11.80	149	683	0.086 ng	#	78
75) Fluoranthene	12.46	202	54642	8.633 ng		97
77) Benzidine	12.83	184	2072	Below Cal	#	84

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117511.D
Acq On : 24 Oct 2019 15:46
Operator : JU
Sample : K5498-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-36-(0-1)

Quant Time: Oct 25 01:03:35 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)
78) Pyrene	12.69	202	49490	6.447	ng		98
80) Butylbenzylphthalate	13.30	149	1681	0.440	ng	#	67
81) Benzo(a)anthracene	13.88	228	27689	4.593	ng		97
83) Chrysene	13.92	228	25493	4.315	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	9188	1.717	ng		96
85) Di-n-octyl phthalate	14.47	149	1010	0.123	ng	#	9
86) Indeno(1,2,3-cd)pyrene	16.75	276	13230	2.999	ng		98
88) Benzo(b)fluoranthene	14.92	252	44313	7.293	ng	#	95
89) Benzo(k)fluoranthene	14.92	252	44313	7.116	ng	#	95
90) Benzo(a)pyrene	15.27	252	24472	4.430	ng	#	93
91) Dibenzo(a,h)anthracene	16.74	278	4242	0.888	ng	#	82
92) Benzo(g,h,i)perylene	17.17	276	12343	2.731	ng	#	92

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

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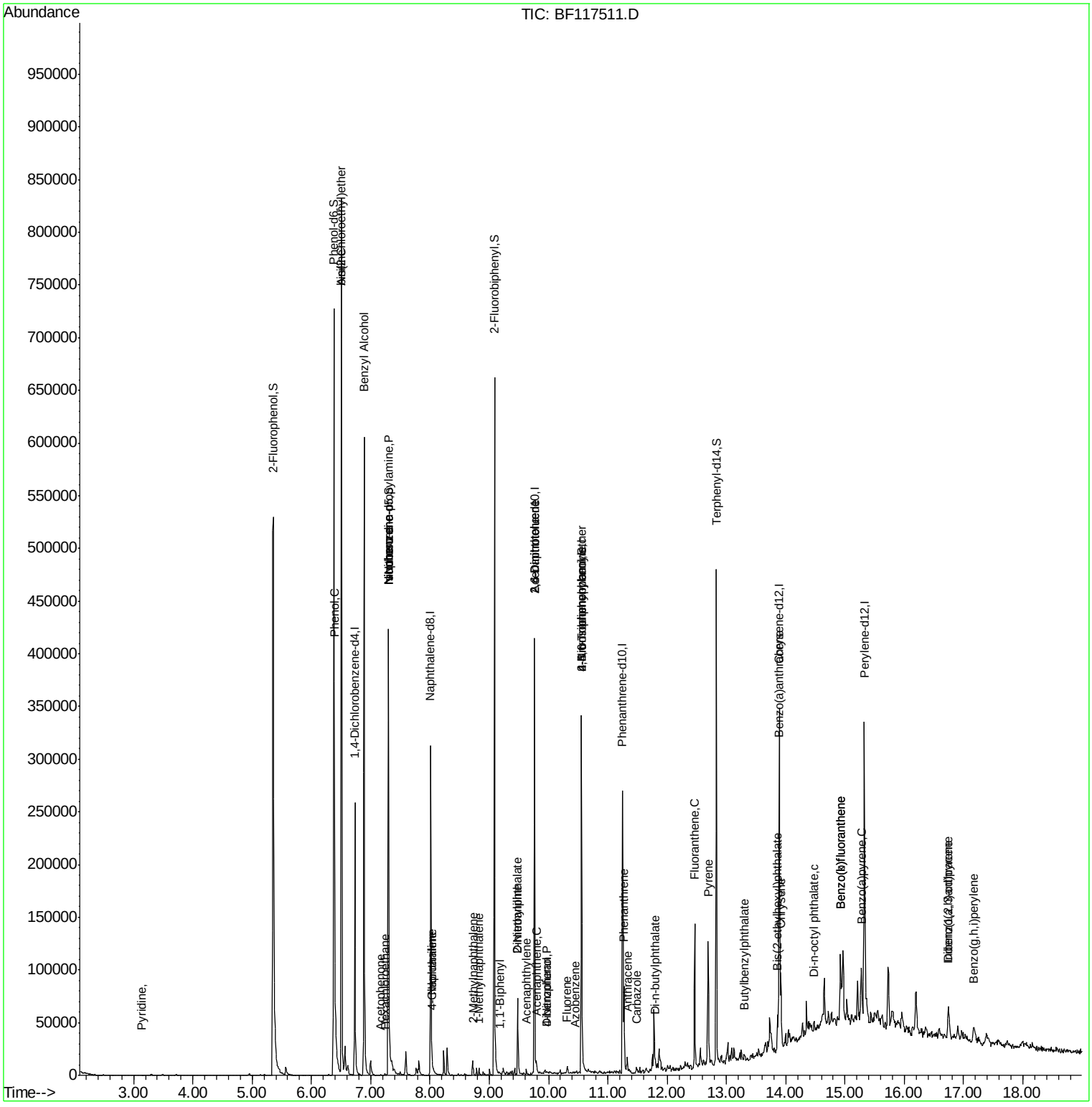
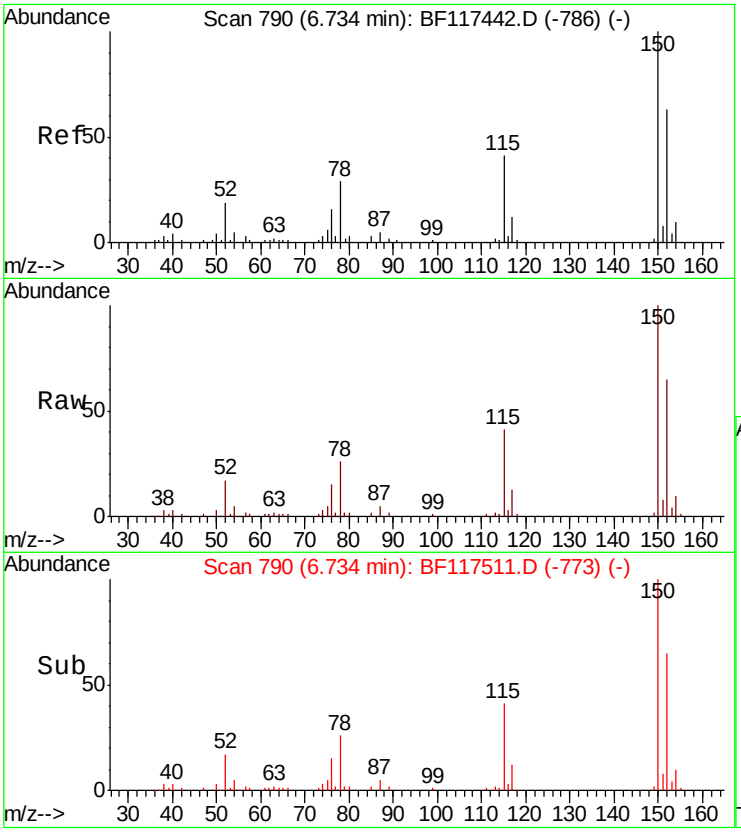


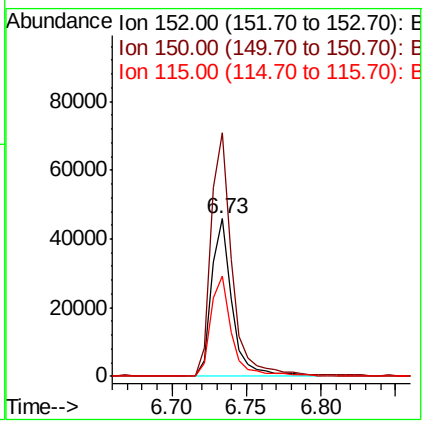


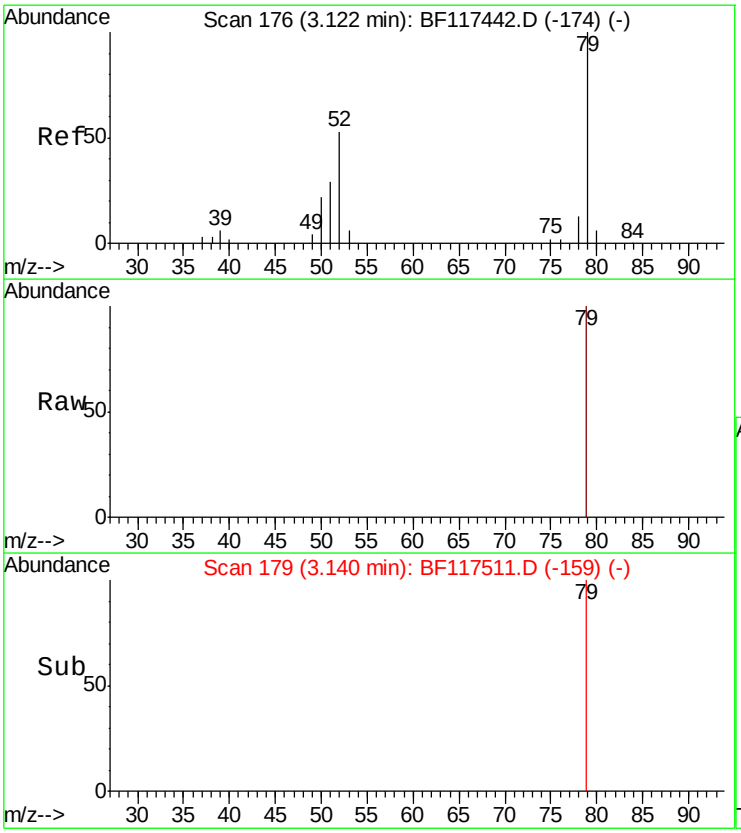
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:152 Resp: 44168

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.8	190.2
115	63.7	51.6	77.4

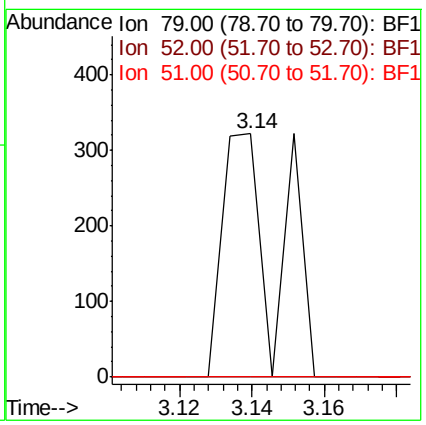


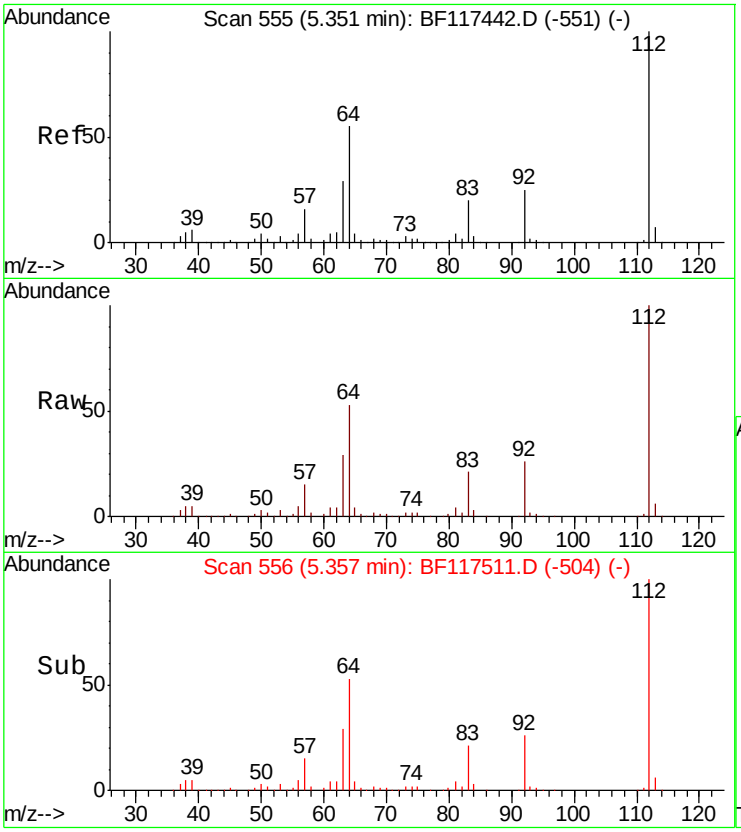


#3
Pyridine
Concen: 0.111 ng
RT: 3.14 min Scan# 179
Delta R.T. 0.02 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion: 79 Resp: 340

Ion	Ratio	Lower	Upper
79	100		
52	0.0	42.4	63.6#
51	0.0	23.3	34.9#



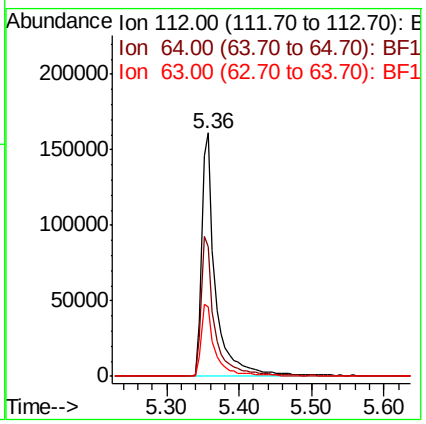


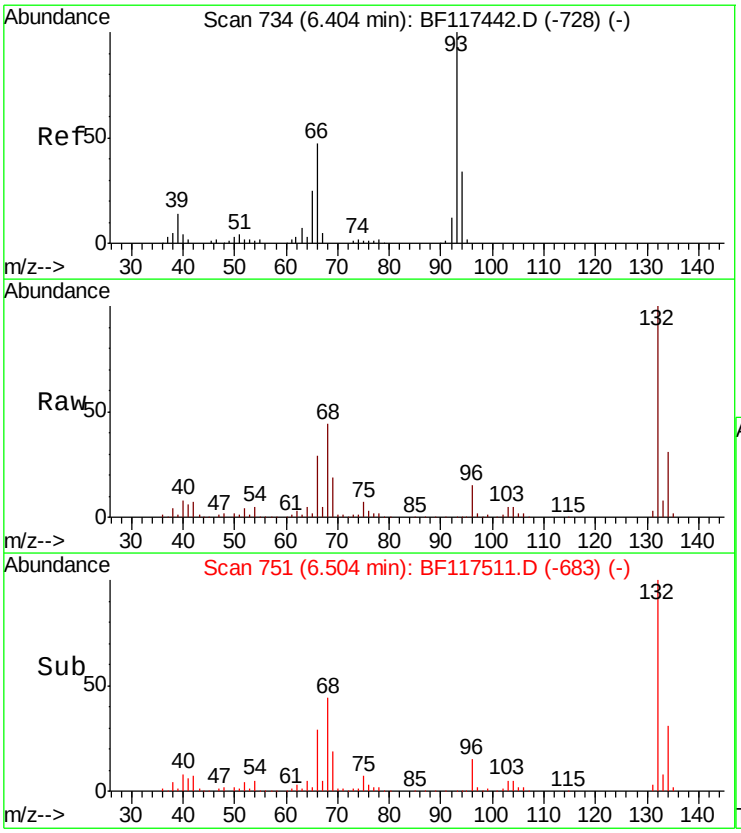
#5
2-Fluorophenol
Concen: 72.004 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:112 Resp: 213771

Ion	Ratio	Lower	Upper
112	100		
64	53.4	44.1	66.1
63	28.8	23.4	35.2

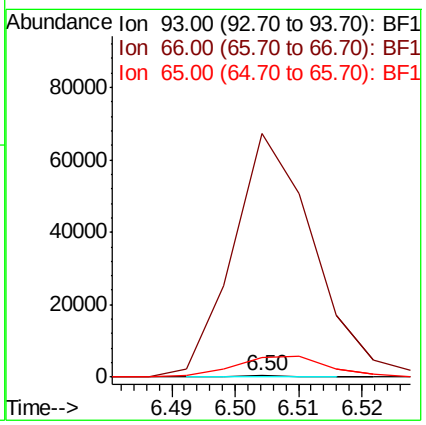


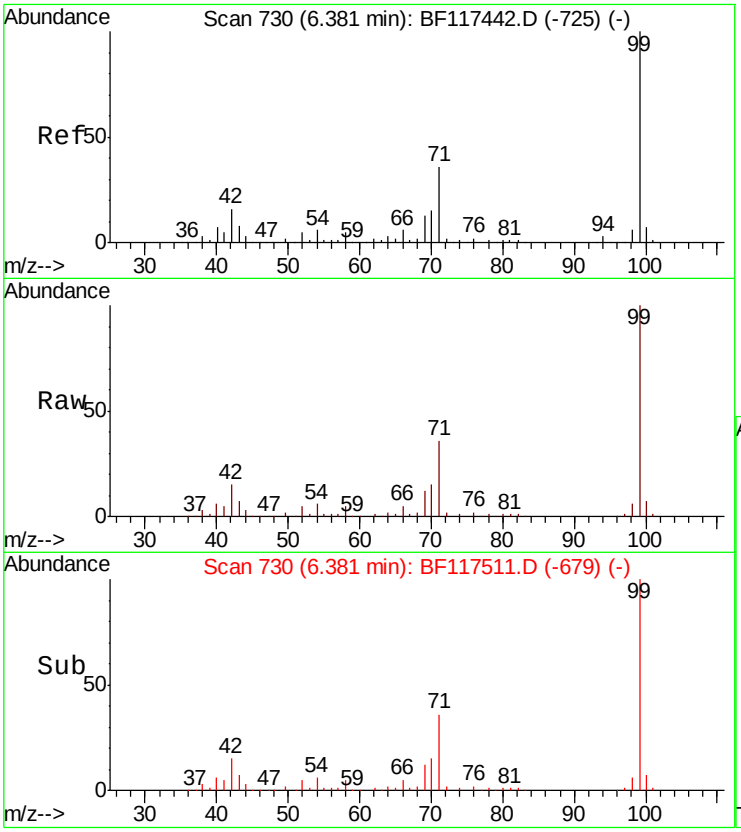


#6
Aniline
Concen: 0.031 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.10 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion: 93 Resp: 146

Ion	Ratio	Lower	Upper
93	100		
66	16247.3	38.7	58.1#
65	1339.1	20.1	30.1#



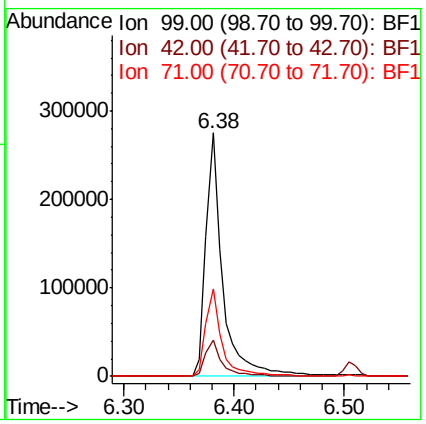


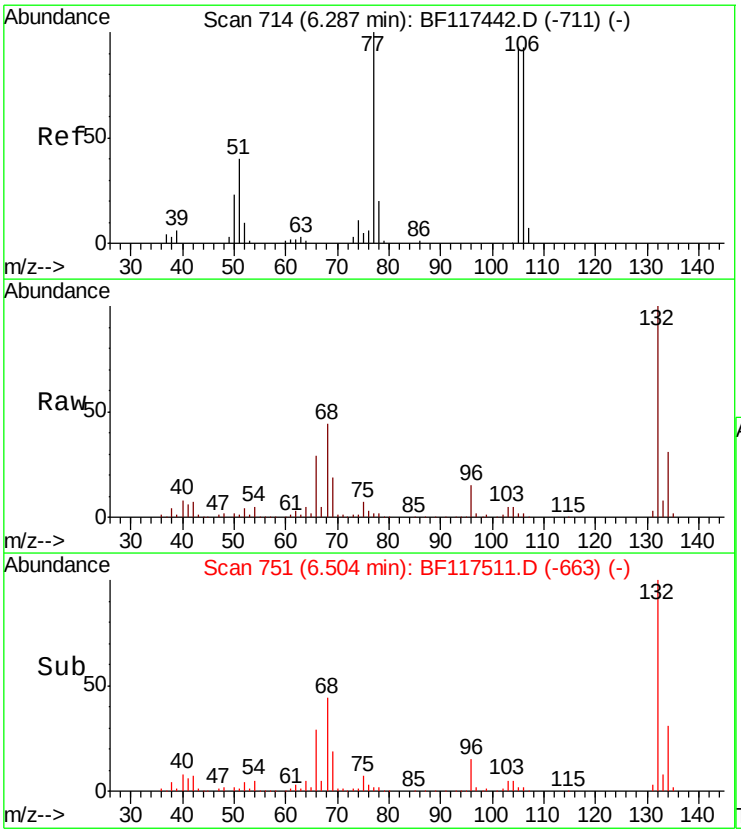
#7
Phenol-d6
Concen: 71.061 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion: 99 Resp: 283358

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.8	19.2
71	36.1	28.6	43.0

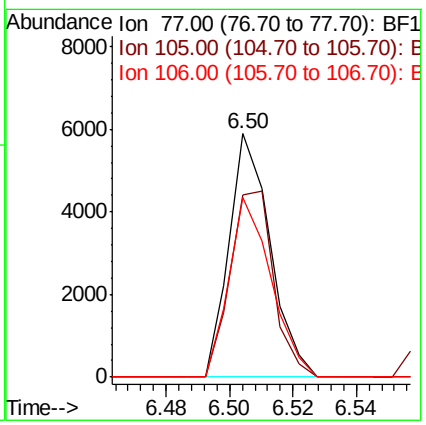


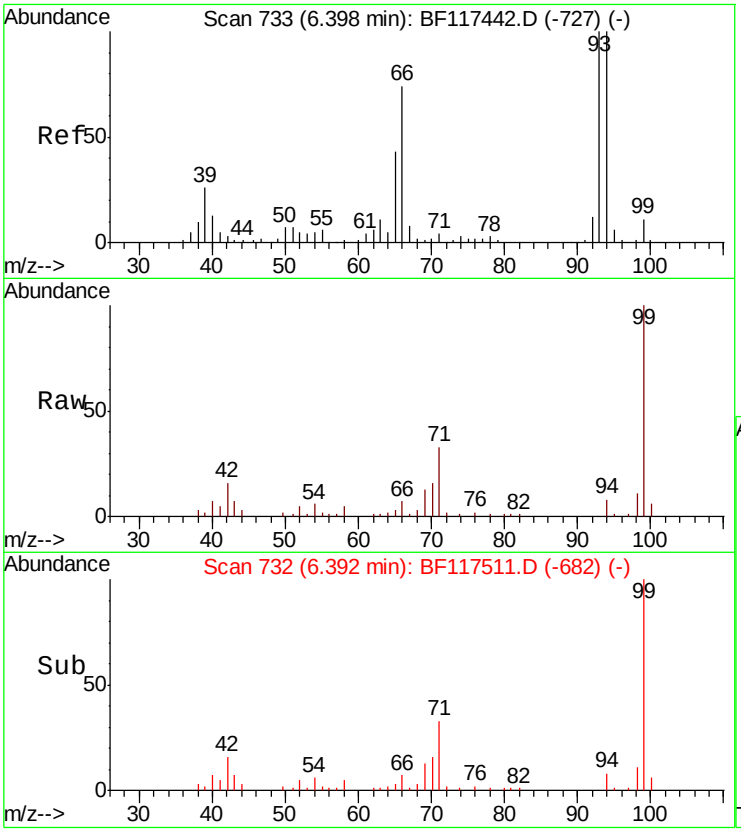


#9
Benzaldehyde
Concen: Below Cal
RT: 6.50 min Scan# 751
Delta R.T. 0.22 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion: 77 Resp: 5266

Ion	Ratio	Lower	Upper
77	100		
105	74.9	73.4	113.4
106	73.9	73.0	113.0



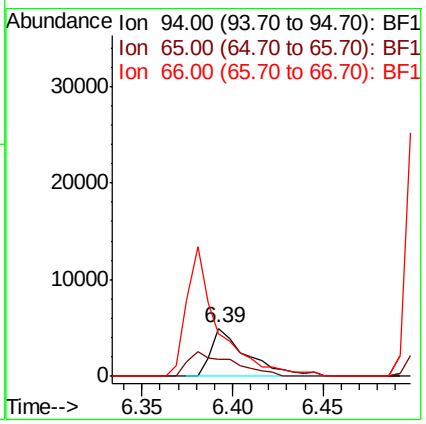


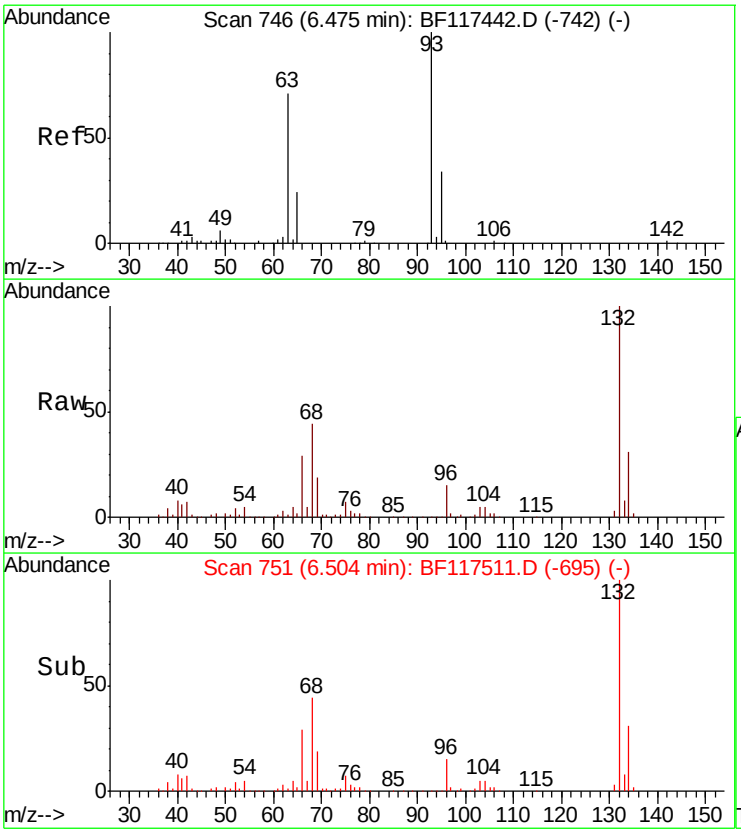
#10
Phenol
Concen: 1.686 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion: 94 Resp: 6863

Ion	Ratio	Lower	Upper
94	100		
65	35.3	23.4	63.4
66	89.0	54.7	94.7

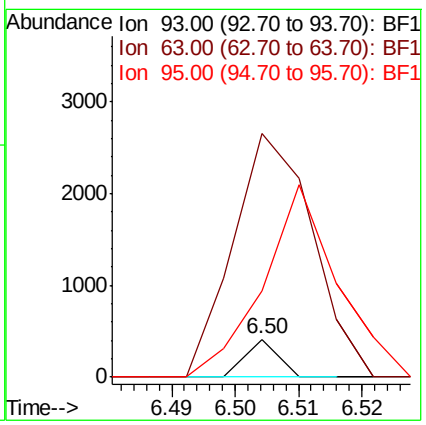


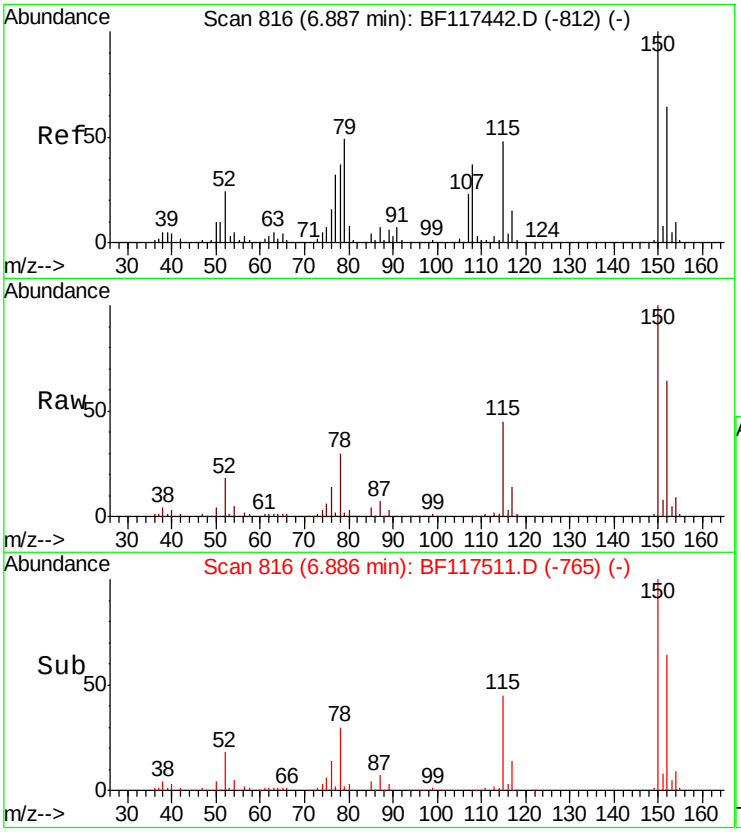


#11
bis(2-Chloroethyl)ether
Concen: 0.049 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.03 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion: 93 Resp: 146

Ion	Ratio	Lower	Upper
93	100		
63	640.8	50.2	90.2#
95	226.1	13.9	53.9#



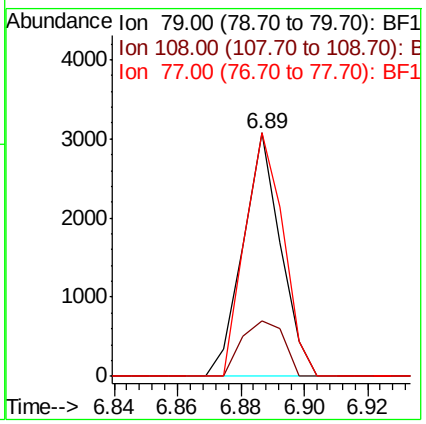


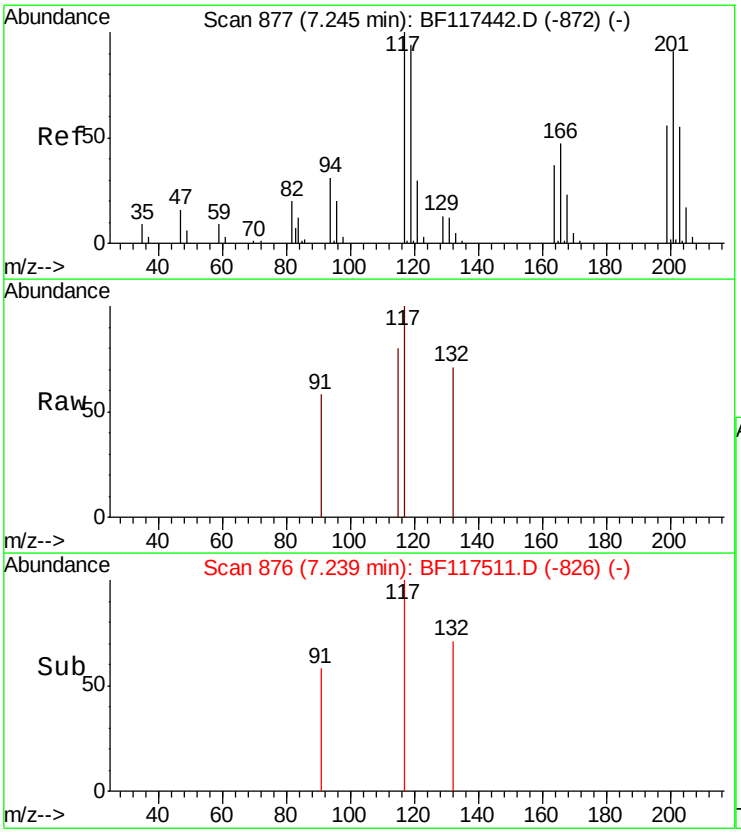
#15
Benzyl Alcohol
Concen: 0.891 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion: 79 Resp: 2539

Ion	Ratio	Lower	Upper
79	100		
108	22.8	59.8	89.8#
77	100.0	51.4	77.0#

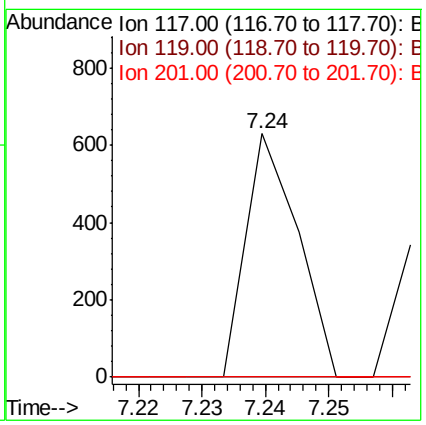


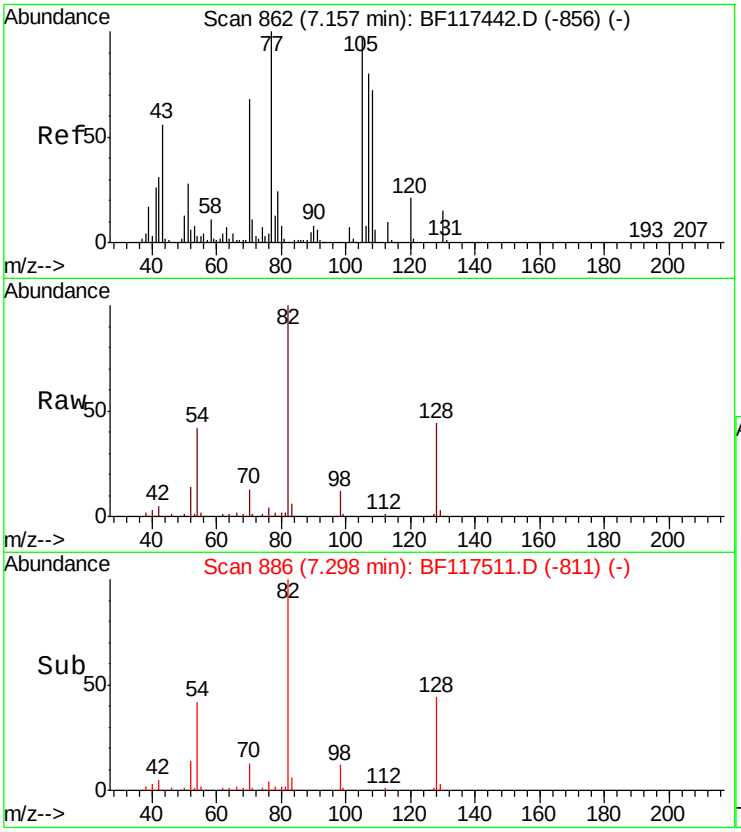


#18
Hexachloroethane
Concen: 0.256 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:117 Resp: 355

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
201	0.0	72.5	108.7#



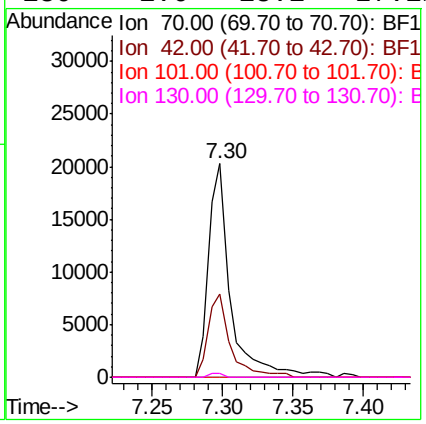


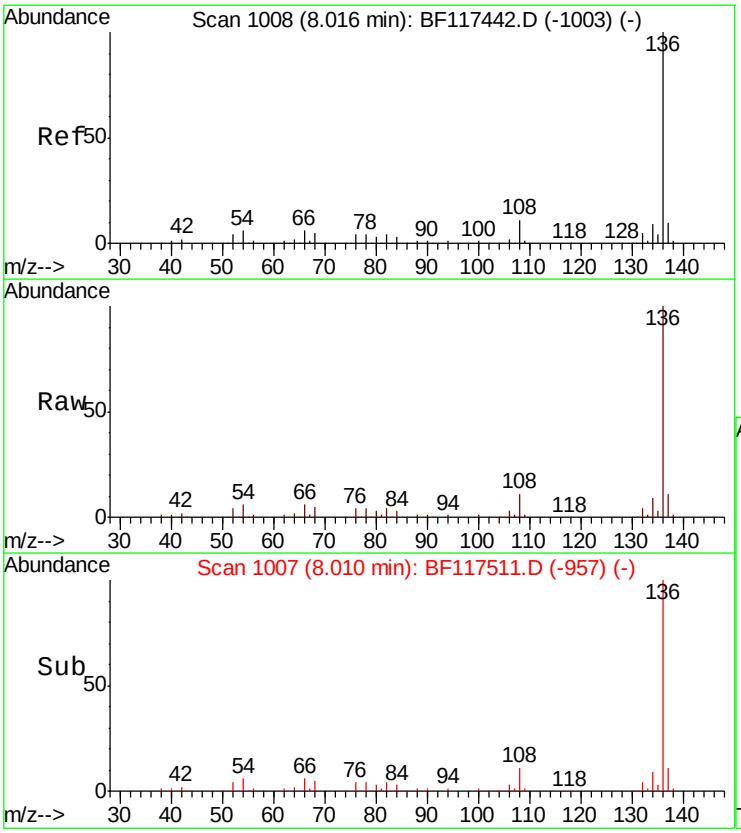
#19
n-Nitroso-di-n-propylamine
Concen: 9.100 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion: 70 Resp: 22160

Ion	Ratio	Lower	Upper
70	100		
42	39.0	36.7	55.1
101	0.0	8.3	12.5#
130	1.6	18.1	27.1#

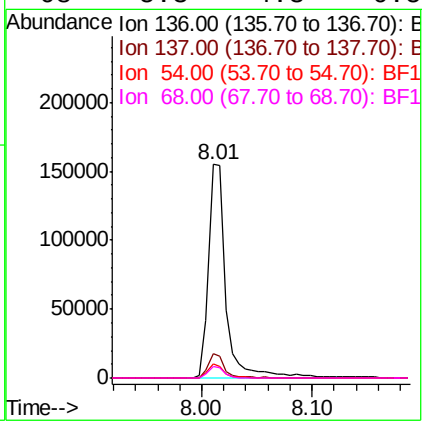


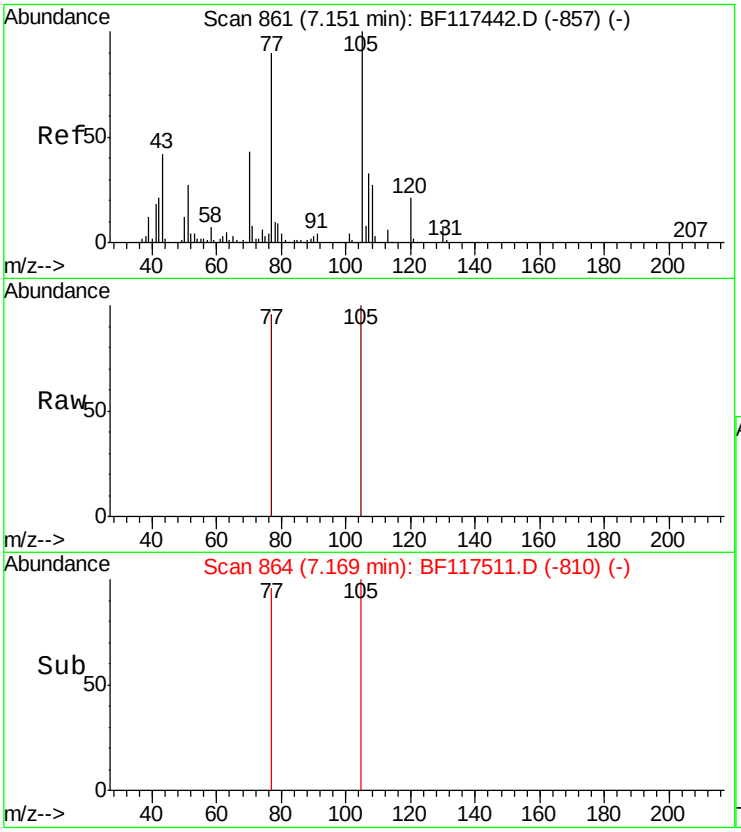


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:136 Resp: 166920

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	6.4	4.5	6.7
68	5.3	4.3	6.5



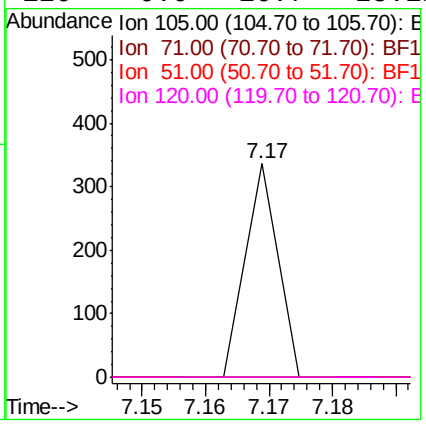


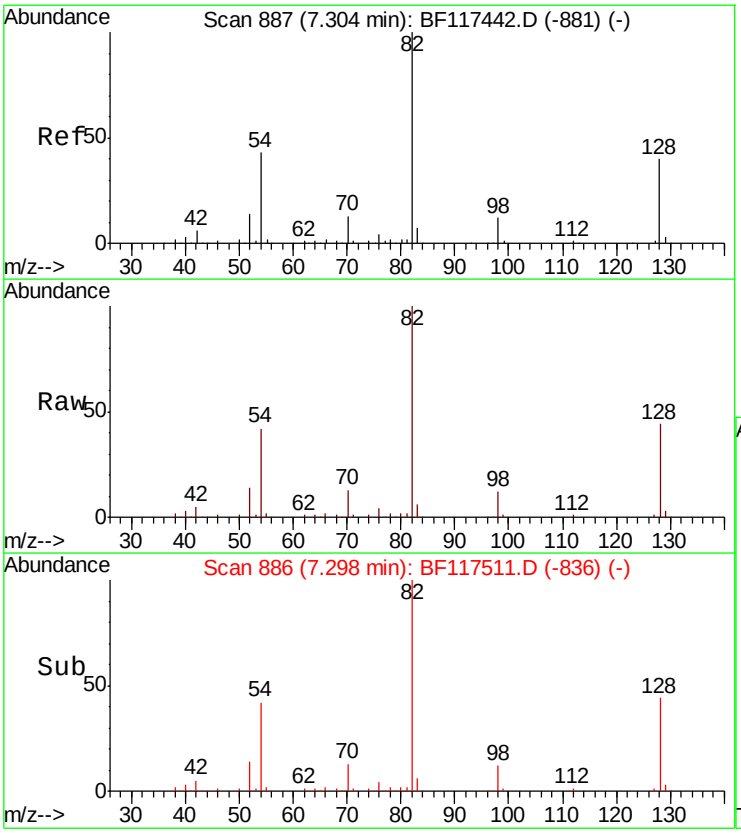
#22
Acetophenone
Concen: 0.027 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.02 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:105 Resp: 119

Ion	Ratio	Lower	Upper
105	100		
71	0.0	6.2	9.2#
51	0.0	21.8	32.6#
120	0.0	16.7	25.1#

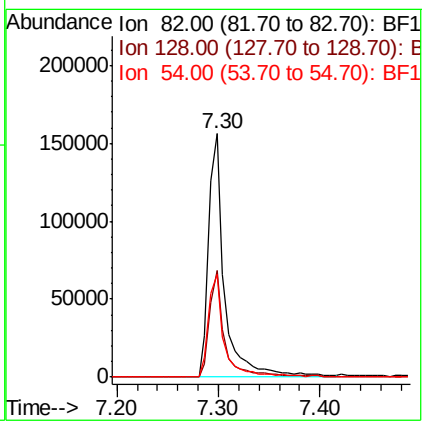


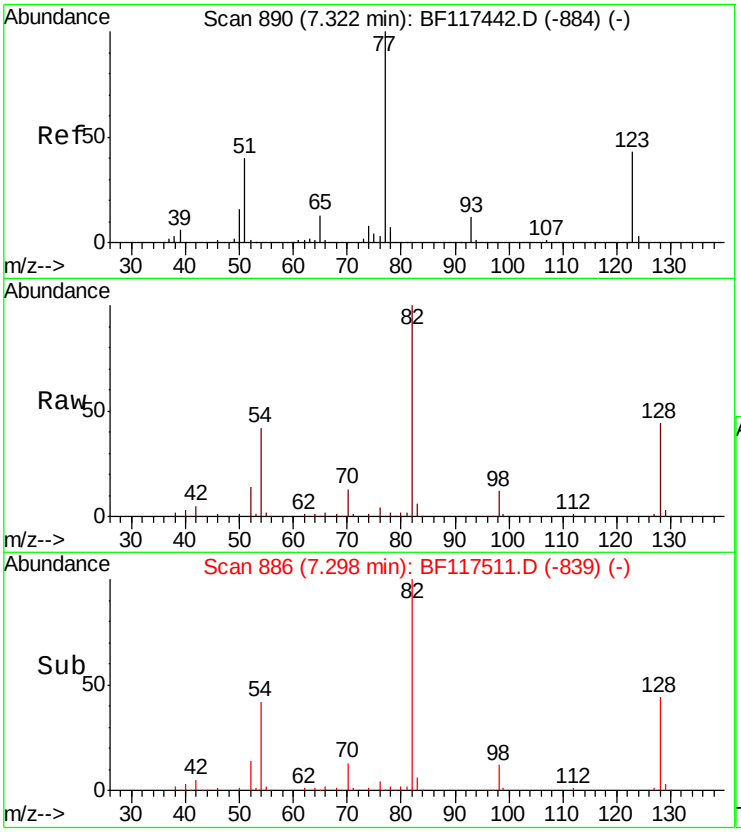


#23
Nitrobenzene-d5
Concen: 50.900 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion: 82 Resp: 172102

Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.2	48.2
54	42.0	34.2	51.2



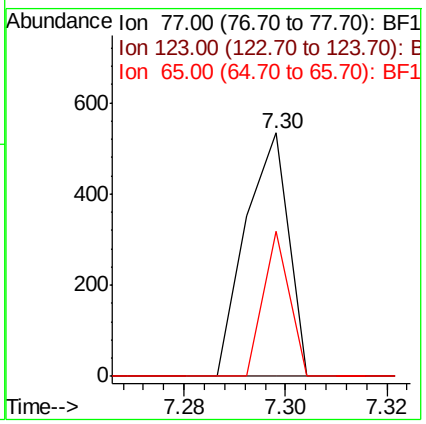


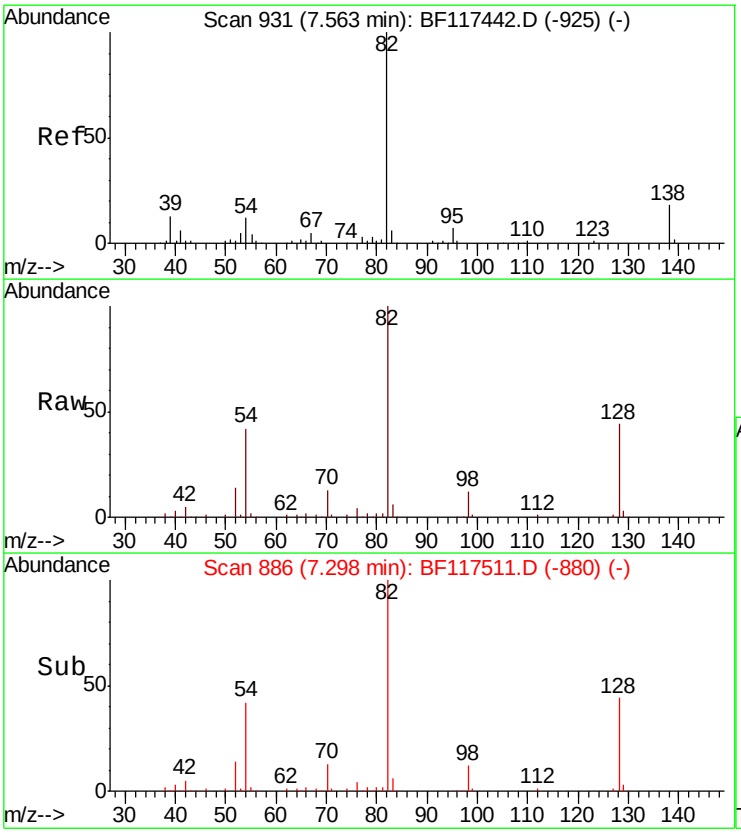
#24
Nitrobenzene
Concen: 0.096 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion: 77 Resp: 312

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.2	51.2#
65	59.7	10.3	15.5#

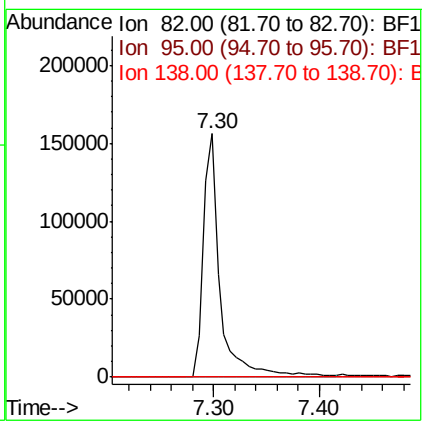


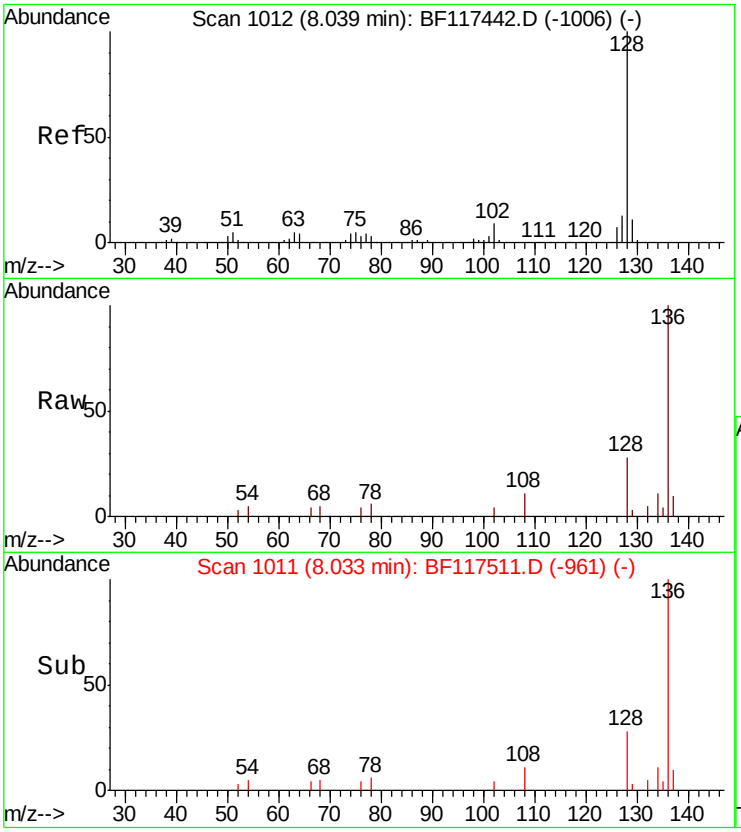


#25
Isophorone
Concen: 29.423 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion: 82 Resp: 172101

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



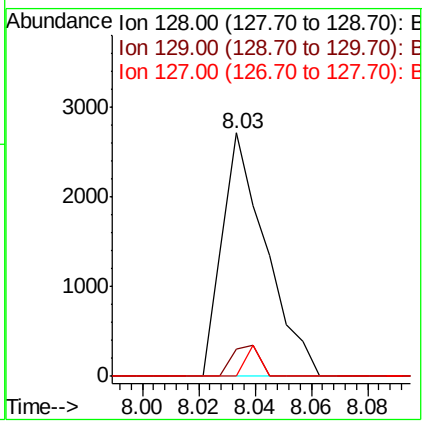


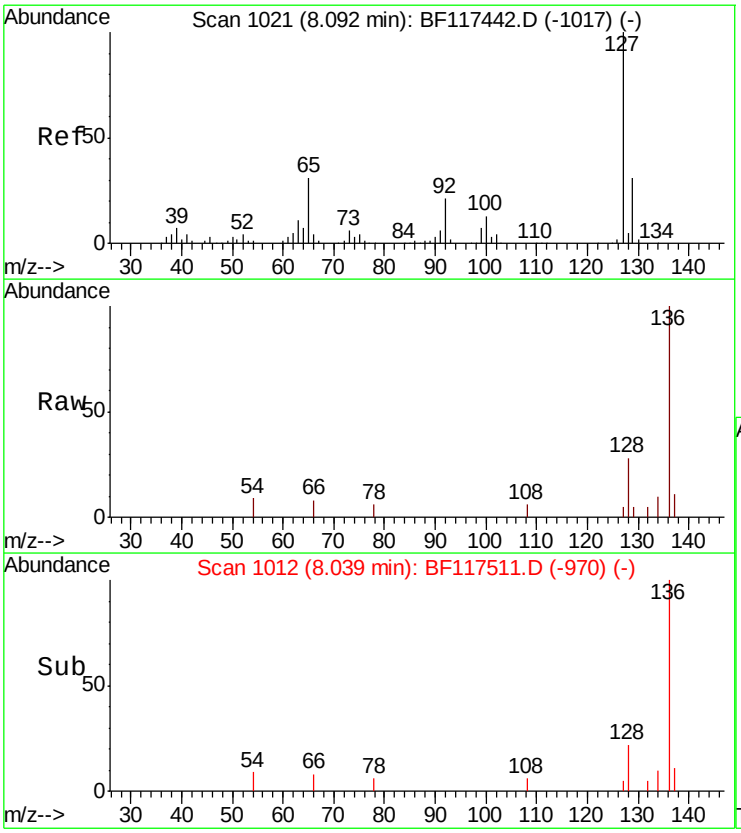
#31
Naphthalene
Concen: 0.354 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:128 Resp: 2929

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	0.0	10.2	15.2#

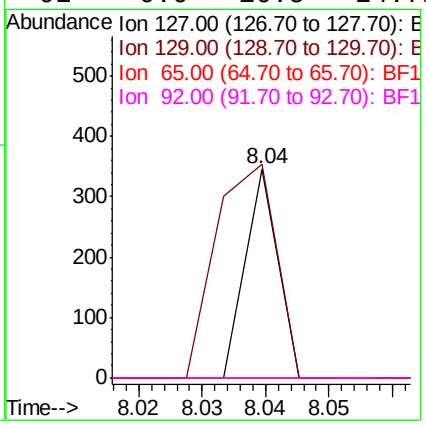


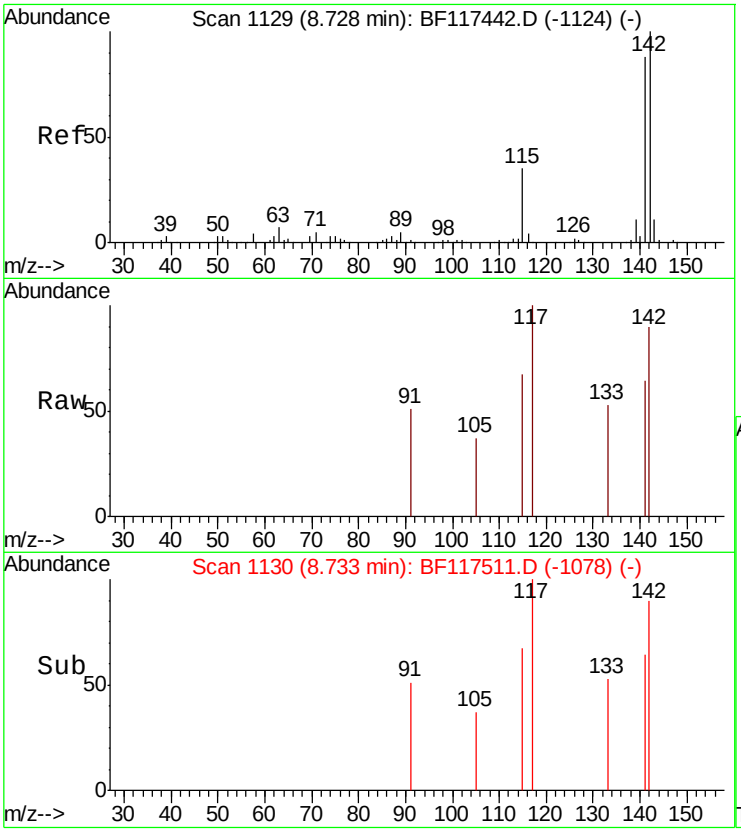


#33
4-Chloroaniline
Concen: 0.035 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:127 Resp: 122

Ion	Ratio	Lower	Upper
127	100		
129	102.3	24.8	37.2#
65	0.0	24.6	37.0#
92	0.0	16.5	24.7#



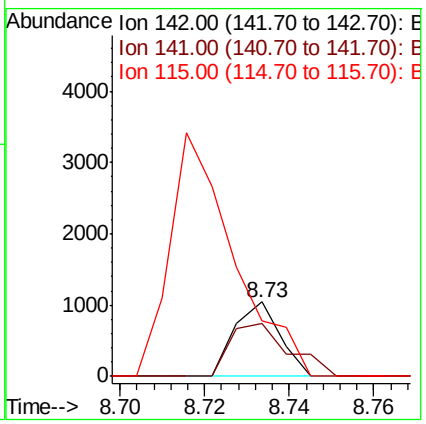


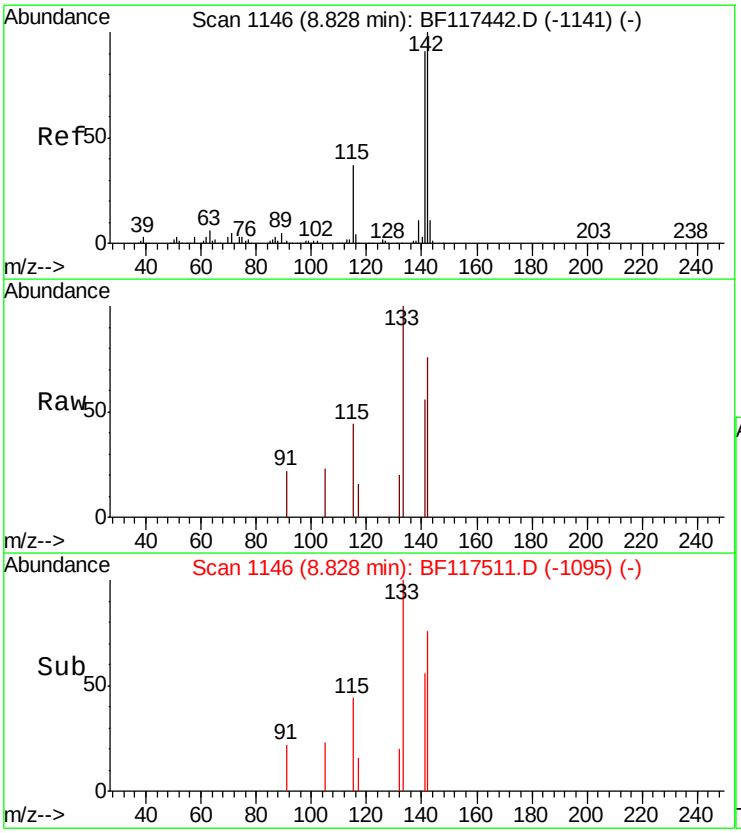
#37
2-Methylnaphthalene
Concen: 0.139 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:142 Resp: 777

Ion	Ratio	Lower	Upper
142	100		
141	70.7	70.3	105.5
115	75.1	28.2	42.2#

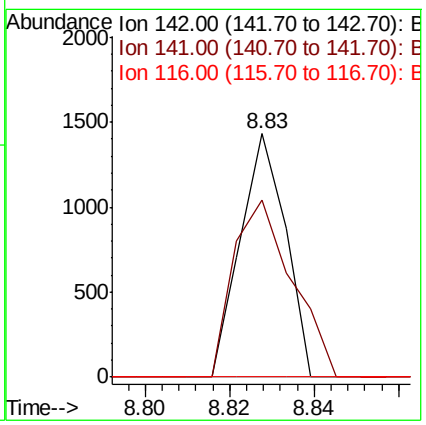


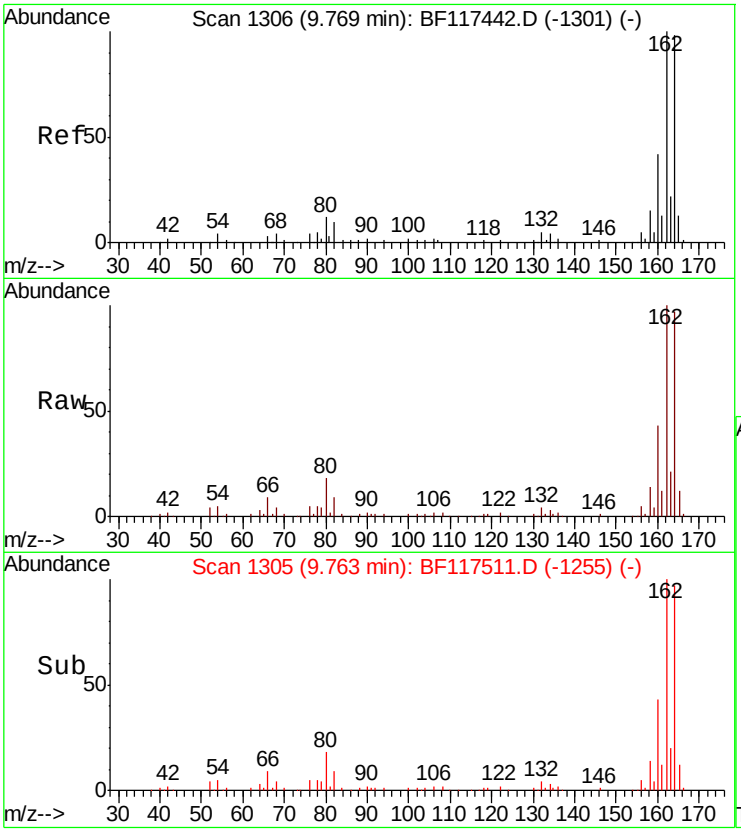


#38
1-Methylnaphthalene
Concen: 0.203 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:142 Resp: 1061

Ion	Ratio	Lower	Upper
142	100		
141	72.9	73.3	109.9#
116	0.0	3.1	4.7#



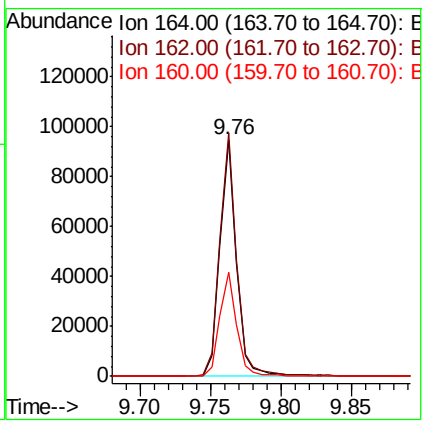


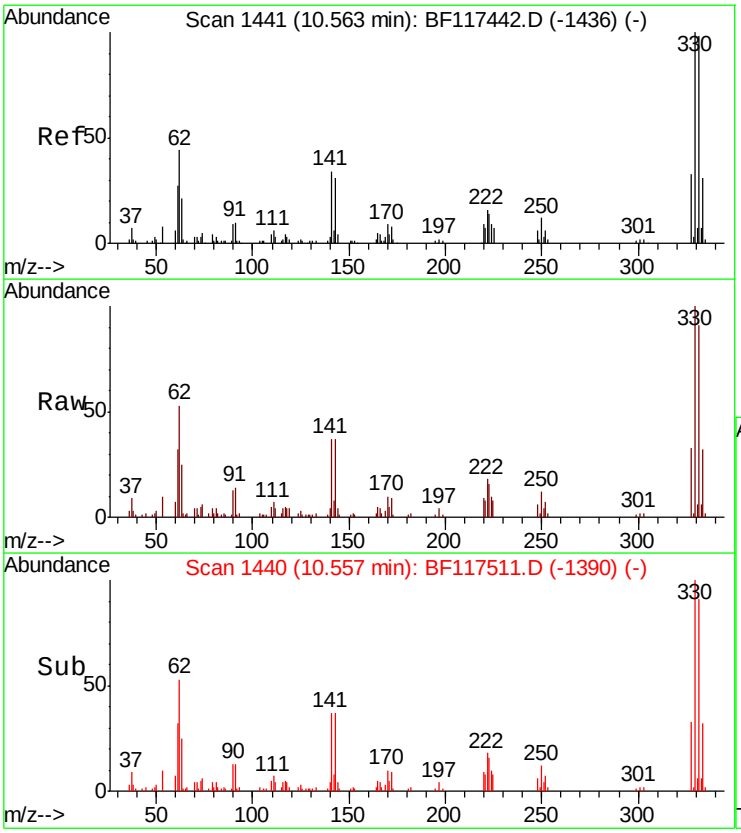
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:164 Resp: 77811

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.8	122.6
160	44.0	34.4	51.6

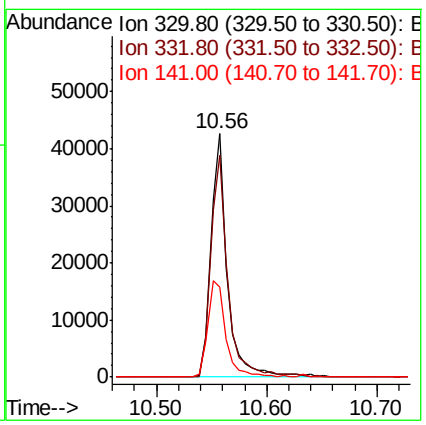


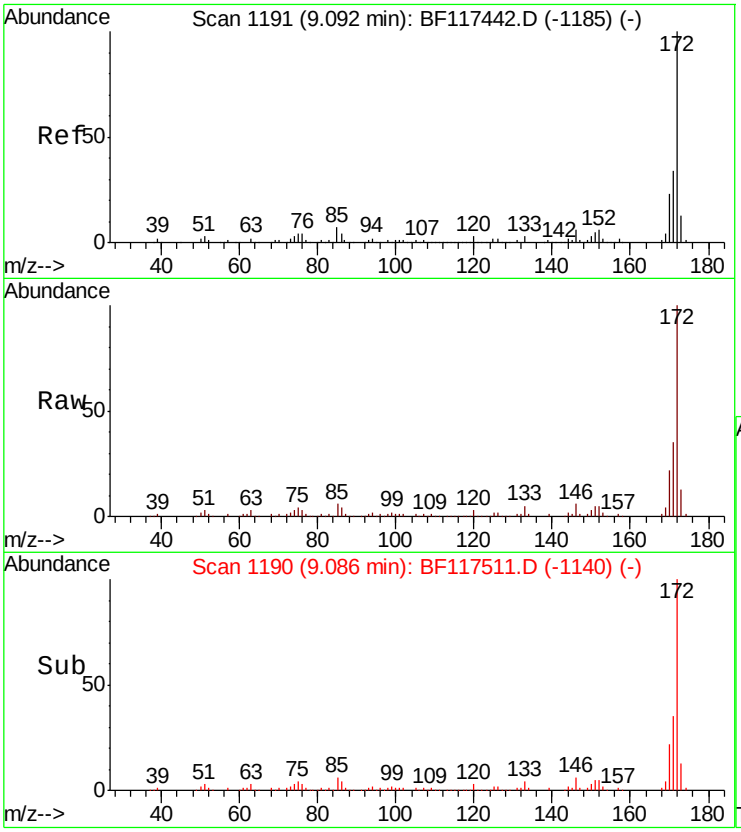


#42
2,4,6-Tribromophenol
Concen: 63.954 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:330 Resp: 43058

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.5	117.7
141	43.5	37.0	55.6



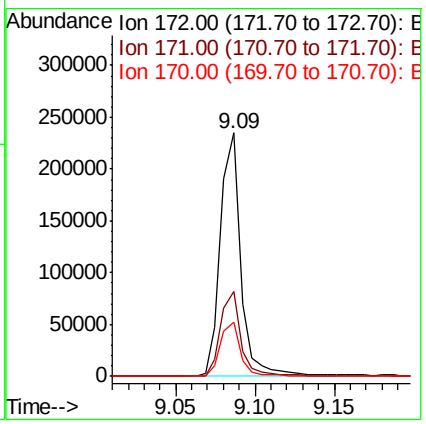


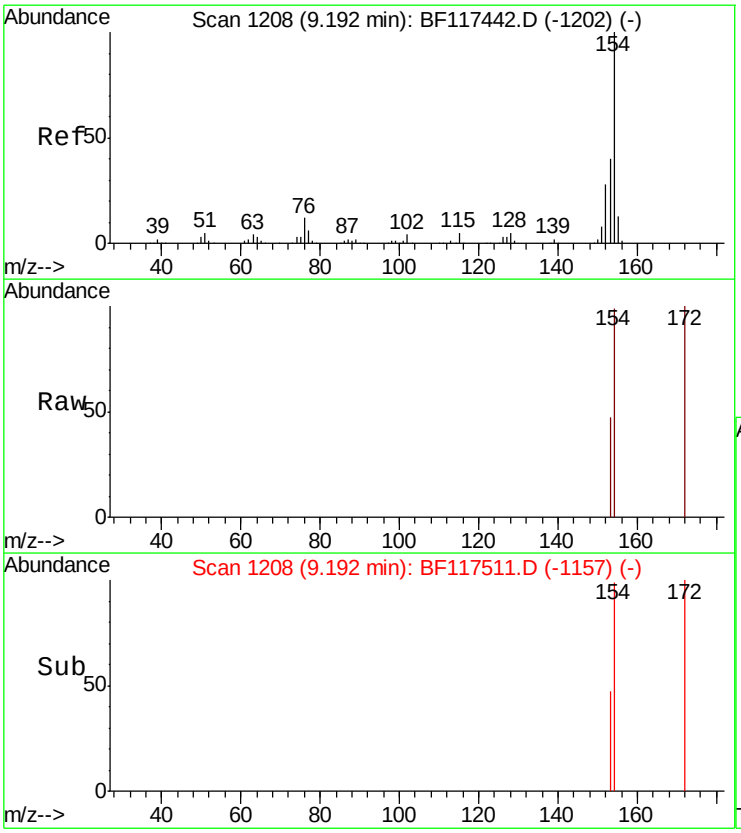
#45
2-Fluorobiphenyl
Concen: 38.190 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:172 Resp: 210905

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.5	41.3
170	22.3	18.6	27.8

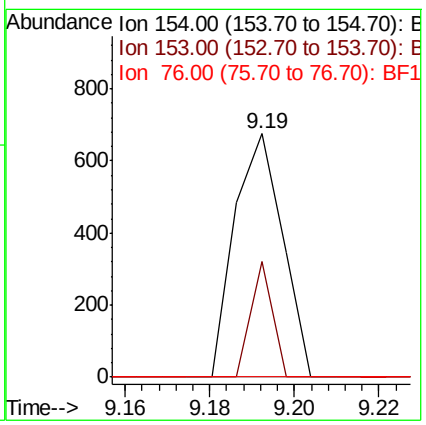


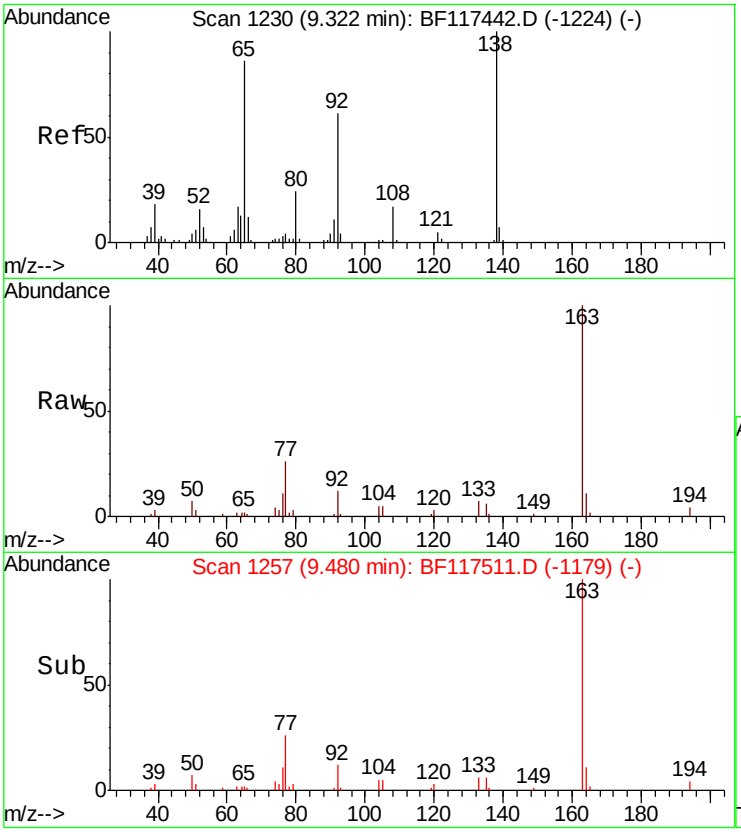


#46
1,1'-Biphenyl
Concen: 0.082 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:154 Resp: 531

Ion	Ratio	Lower	Upper
154	100		
153	47.5	20.2	60.2
76	0.0	0.0	32.1



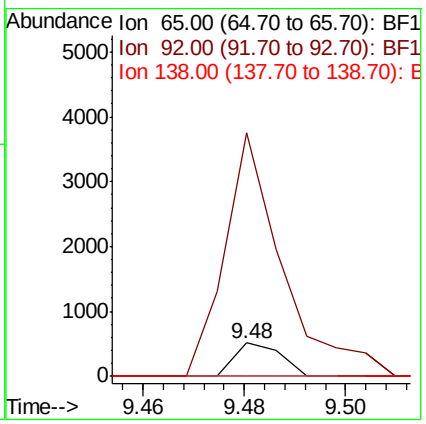


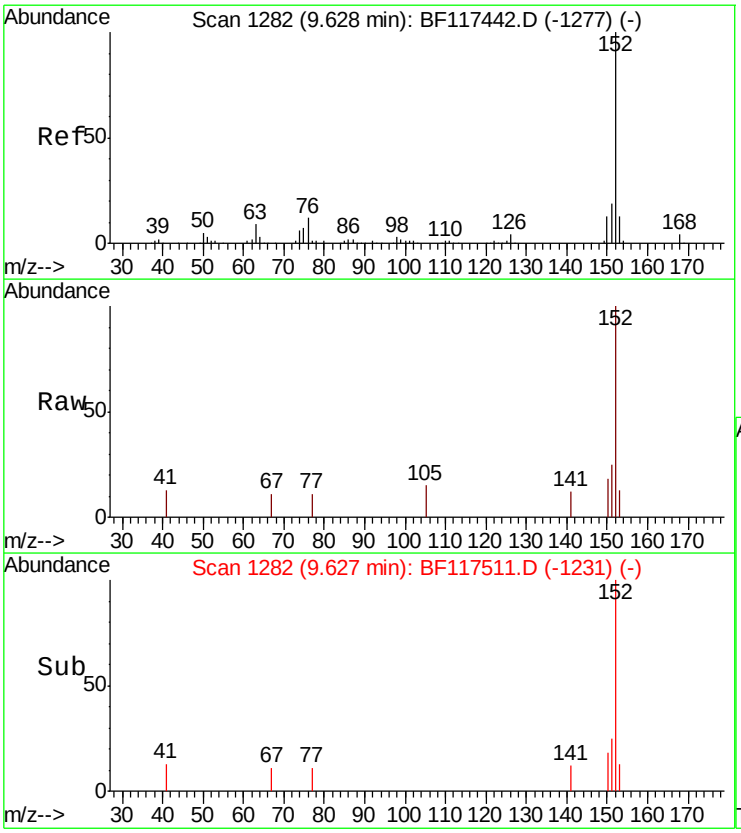
#48
2-Nitroaniline
Concen: 0.200 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.16 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion: 65 Resp: 319

Ion	Ratio	Lower	Upper
65	100		
92	732.8	57.3	85.9#
138	0.0	93.3	139.9#

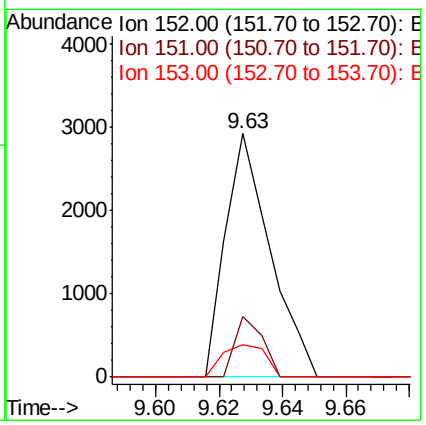


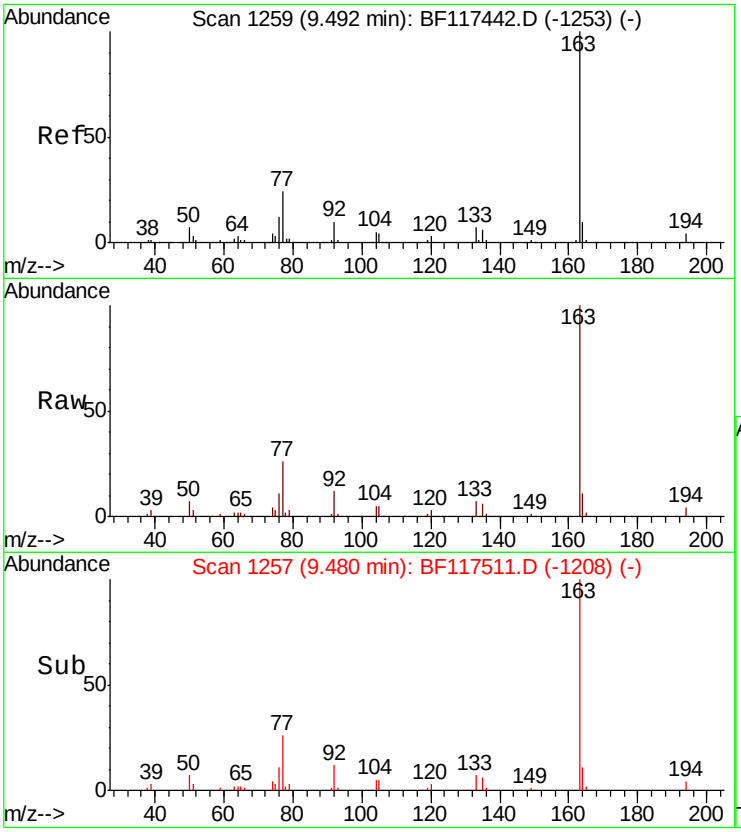


#49
Acenaphthylene
Concen: 0.397 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:152 Resp: 2834

Ion	Ratio	Lower	Upper
152	100		
151	25.1	15.4	23.0#
153	13.5	10.3	15.5



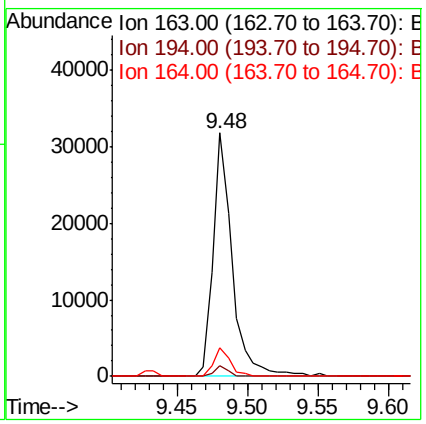


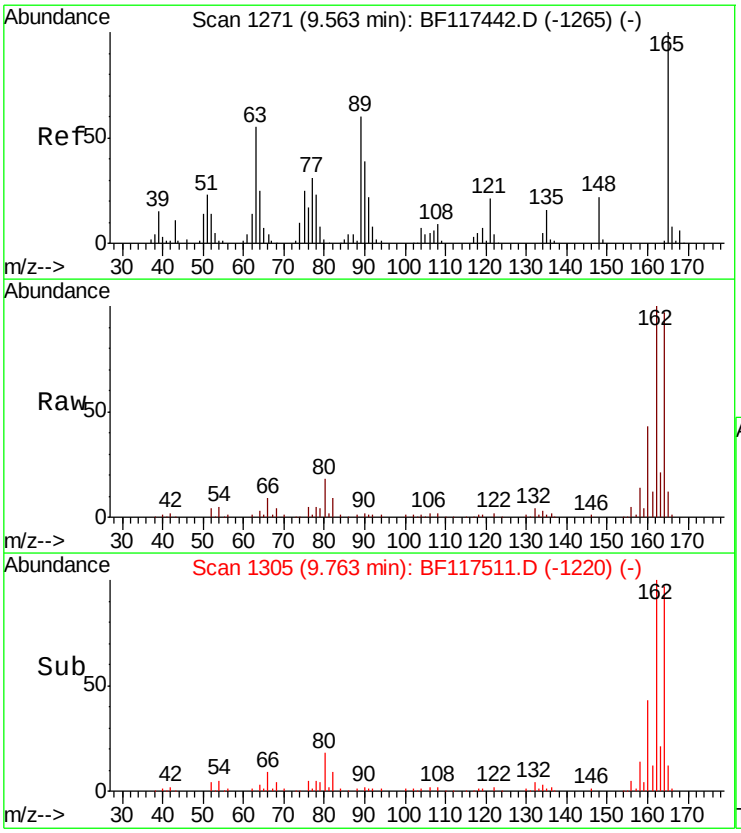
#50
Dimethylphthalate
Concen: 5.398 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:163 Resp: 29944

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.9	4.3
164	11.5	8.2	12.2

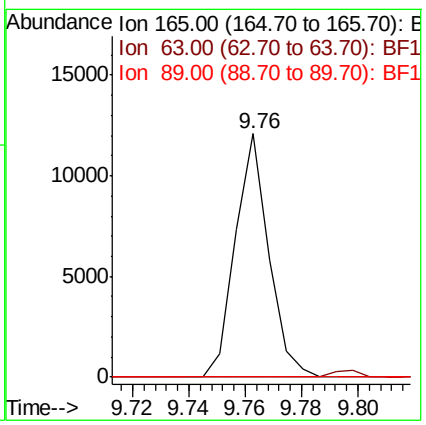


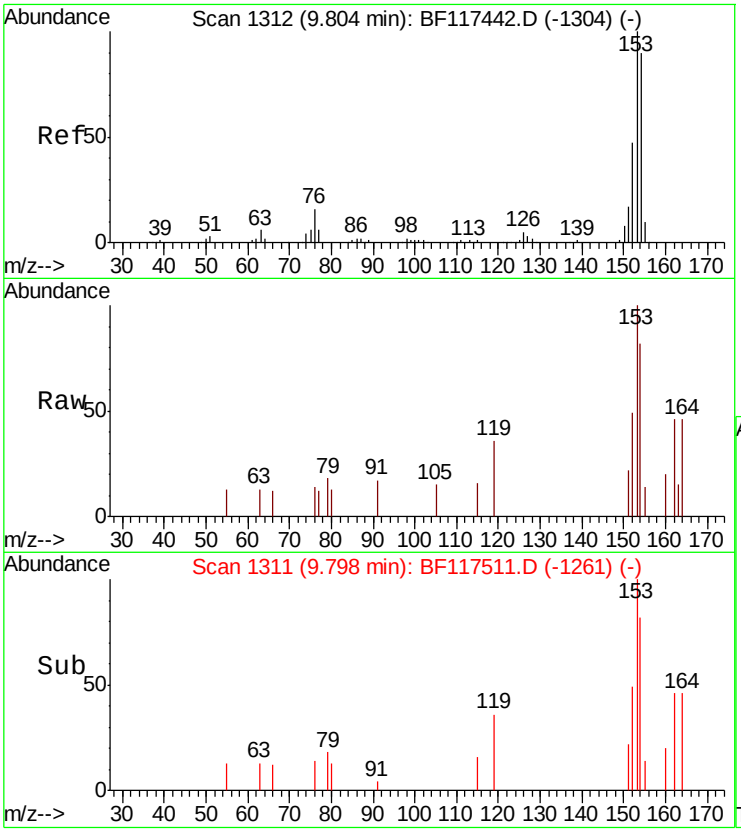


#51
2,6-Dinitrotoluene
Concen: 8.569 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:165 Resp: 9919

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



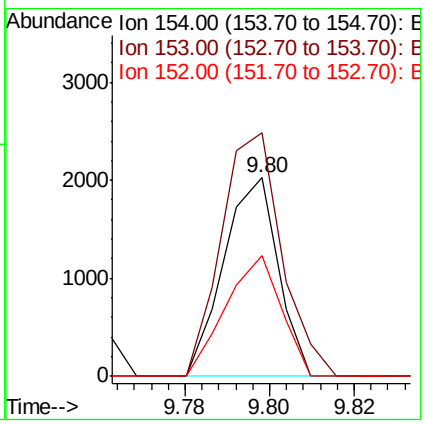


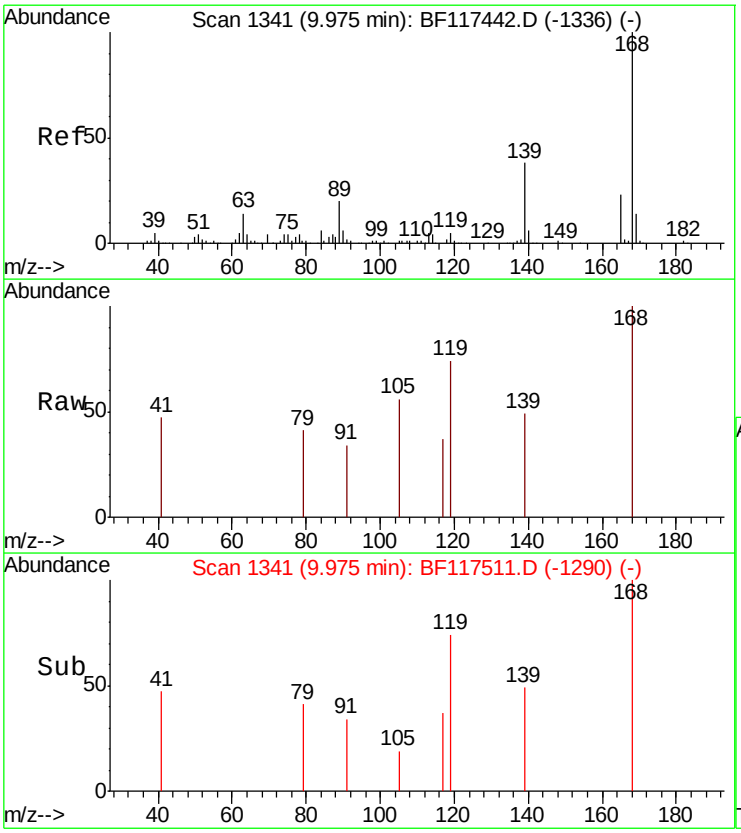
#52
Acenaphthene
Concen: 0.413 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:154 Resp: 1809

Ion	Ratio	Lower	Upper
154	100		
153	122.6	89.2	133.8
152	60.6	41.8	62.6

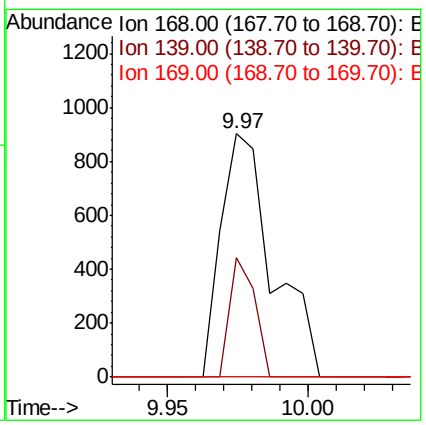


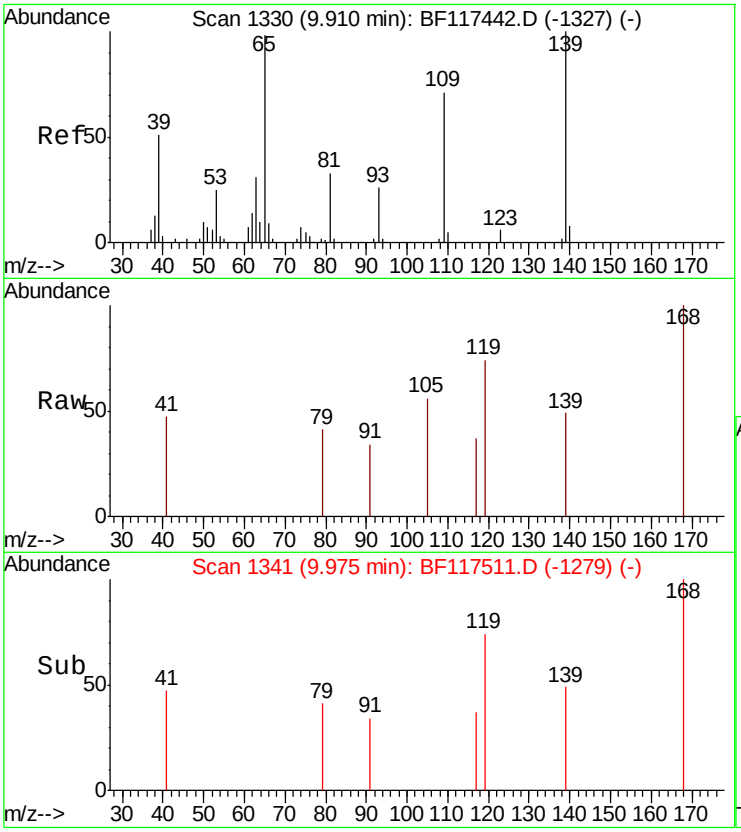


#55
Dibenzofuran
Concen: 0.181 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:168 Resp: 1150

Ion	Ratio	Lower	Upper
168	100		
139	48.8	31.8	47.6#
169	0.0	11.2	16.8#



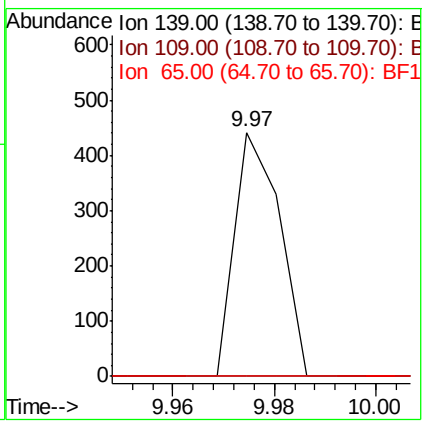


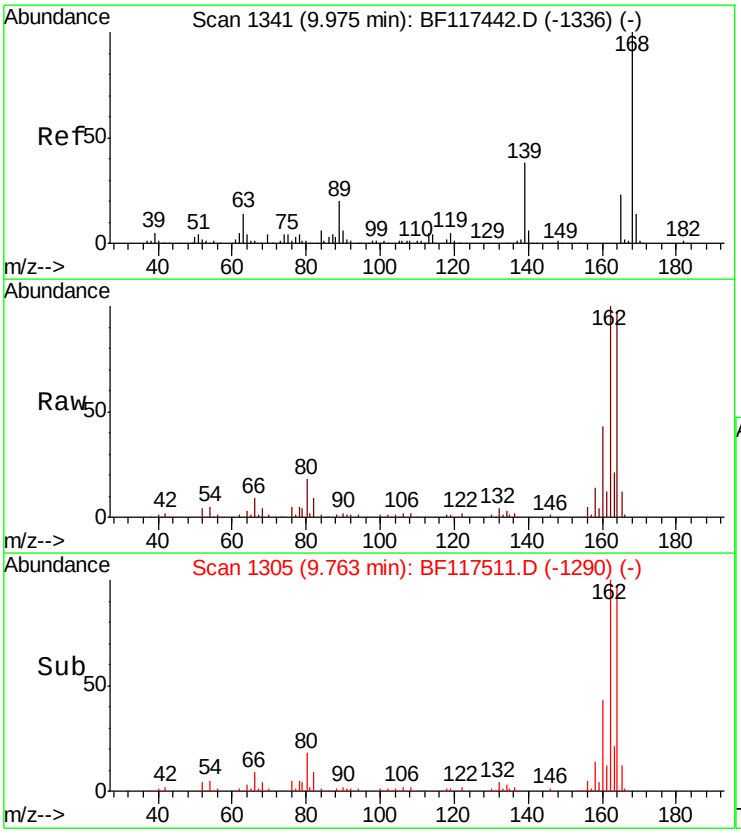
#56
4-Nitrophenol
Concen: 4.529 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:139 Resp: 272

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

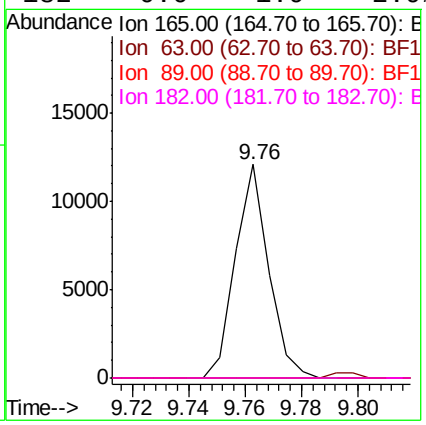


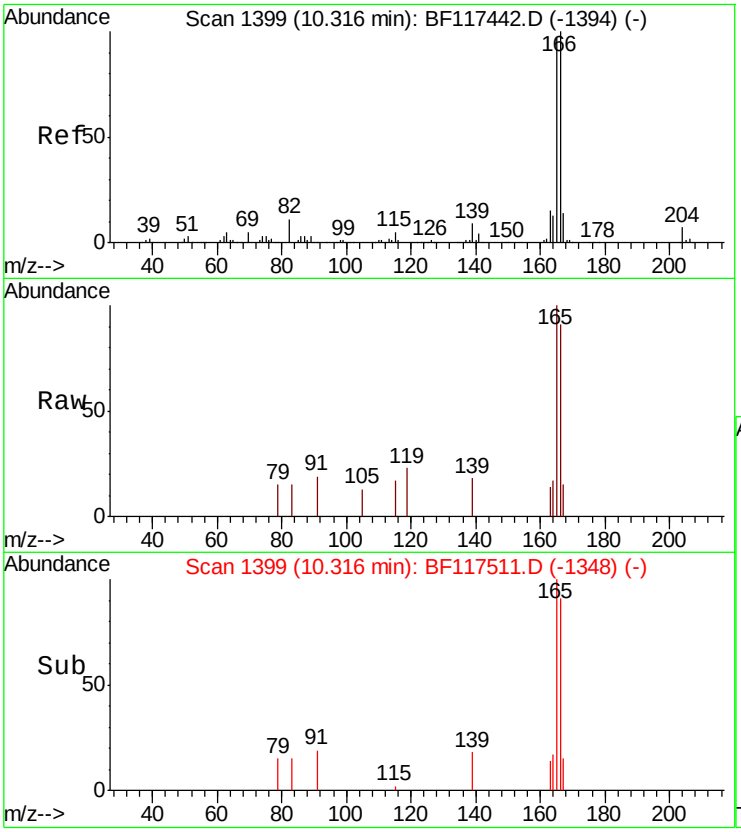


#57
2,4-Dinitrotoluene
Concen: 6.445 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:165 Resp: 9919

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



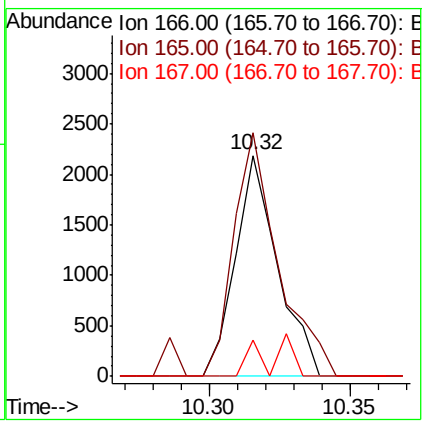


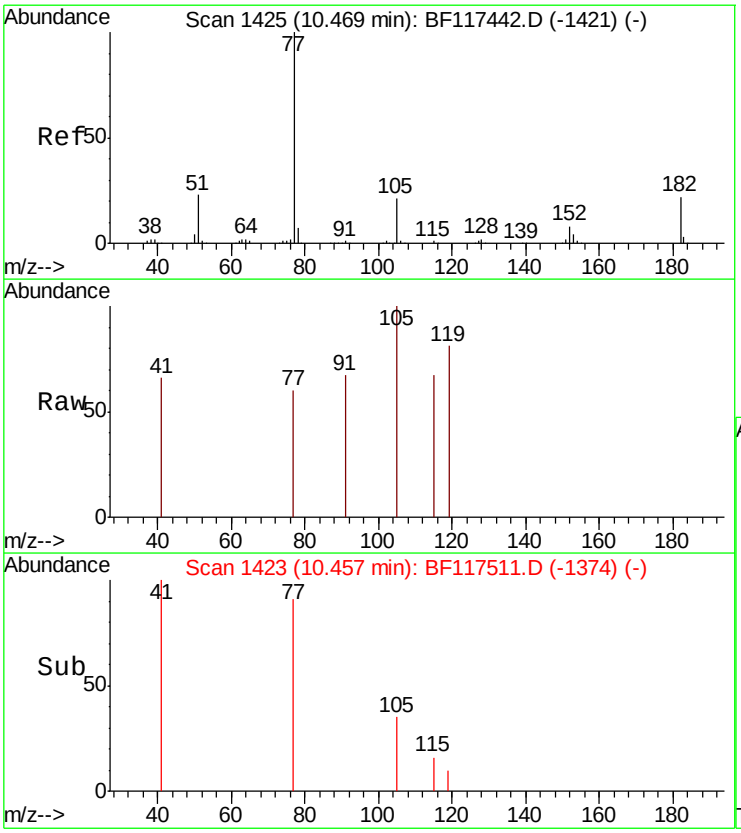
#58
Fluorene
Concen: 0.432 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:166 Resp: 2268

Ion	Ratio	Lower	Upper
166	100		
165	110.4	77.6	116.4
167	16.7	11.0	16.4#

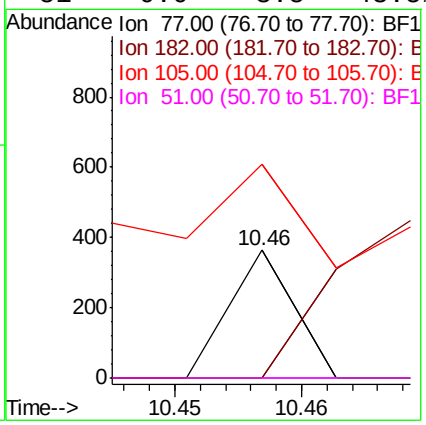


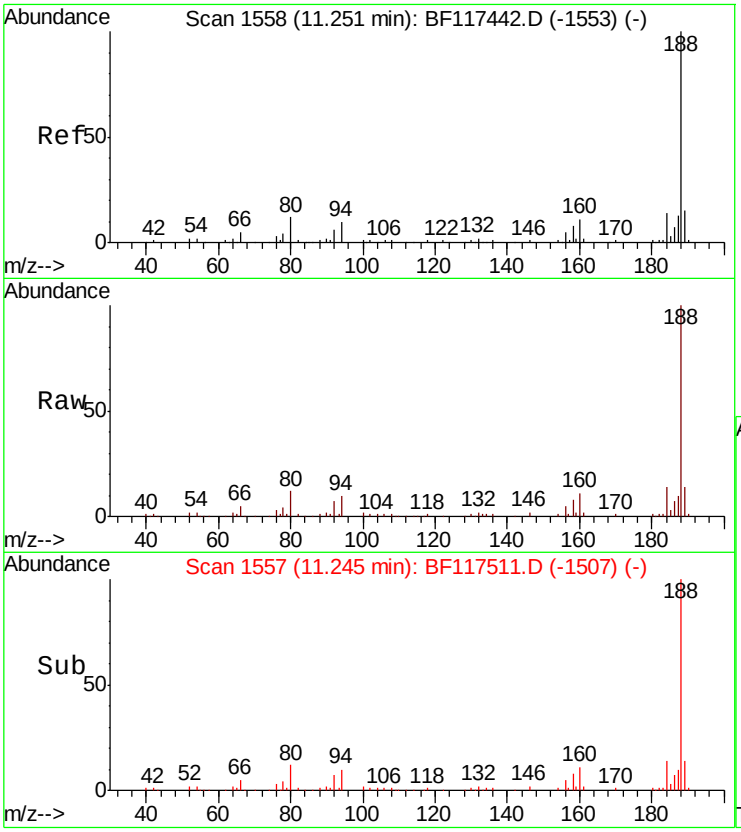


#63
Azobenzene
Concen: 0.022 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion: 77 Resp: 128

Ion	Ratio	Lower	Upper
77	100		
182	0.0	2.3	42.3#
105	167.5	1.3	41.3#
51	0.0	3.5	43.5#



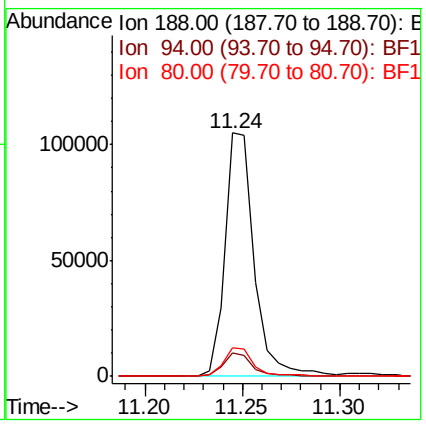


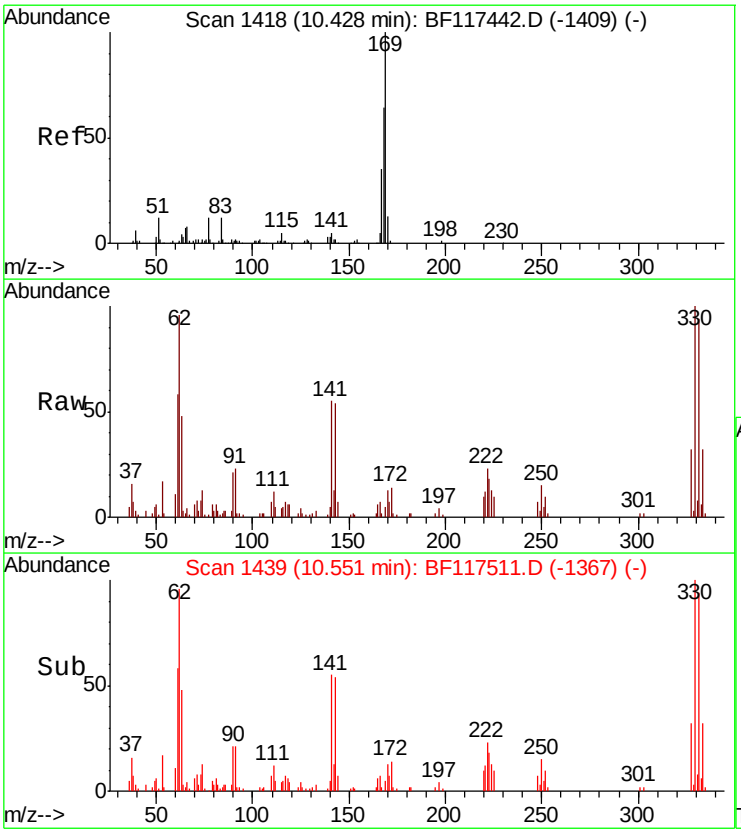
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:188 Resp: 108883

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	11.8	9.5	14.3

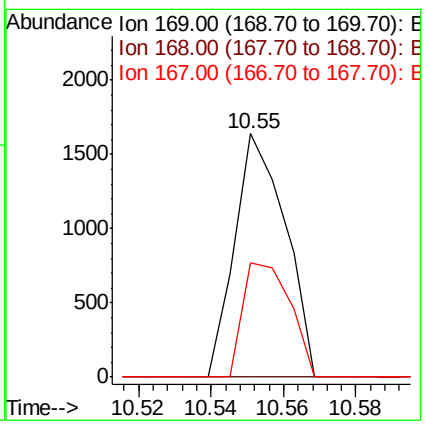


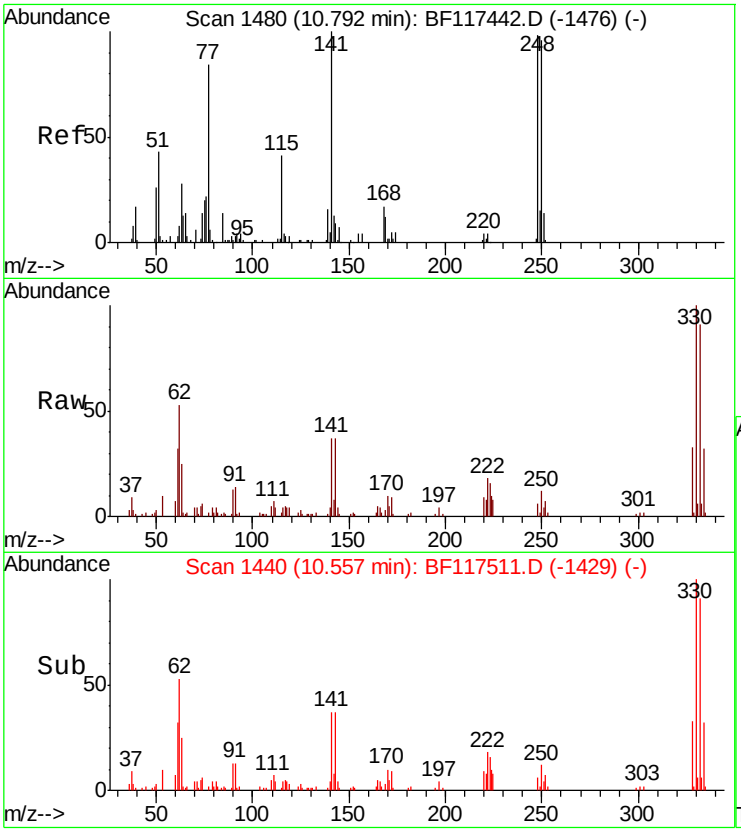


#66
n-Nitrosodiphenylamine
Concen: 0.399 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.12 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:169 Resp: 1590

Ion	Ratio	Lower	Upper
169	100		
168	0.0	51.3	76.9#
167	46.8	28.2	42.4#



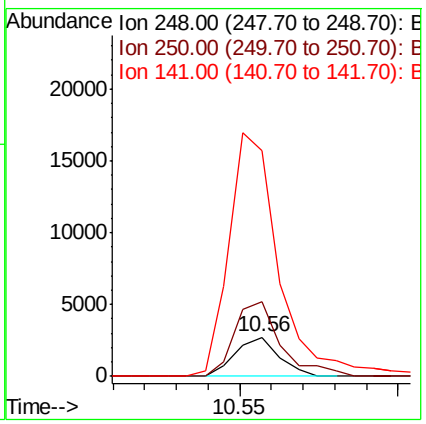


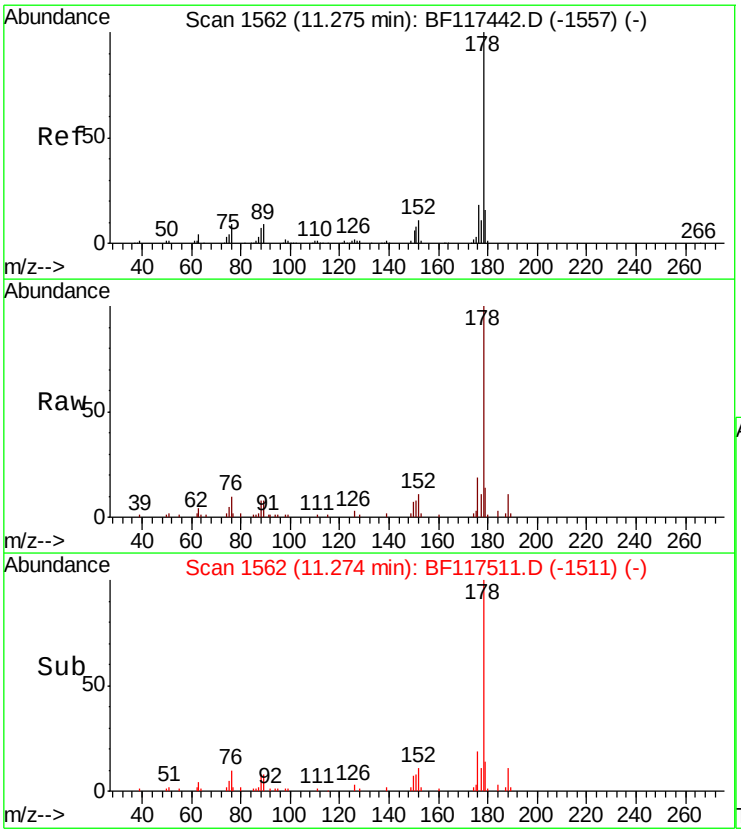
#67
4-Bromophenyl-phenylether
Concen: 2.209 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:248 Resp: 2591

Ion	Ratio	Lower	Upper
248	100		
250	190.8	78.0	117.0#
141	577.6	81.7	122.5#

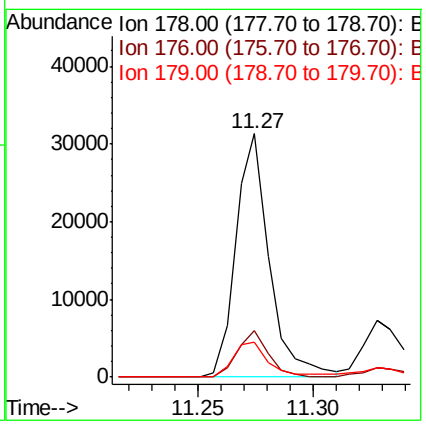


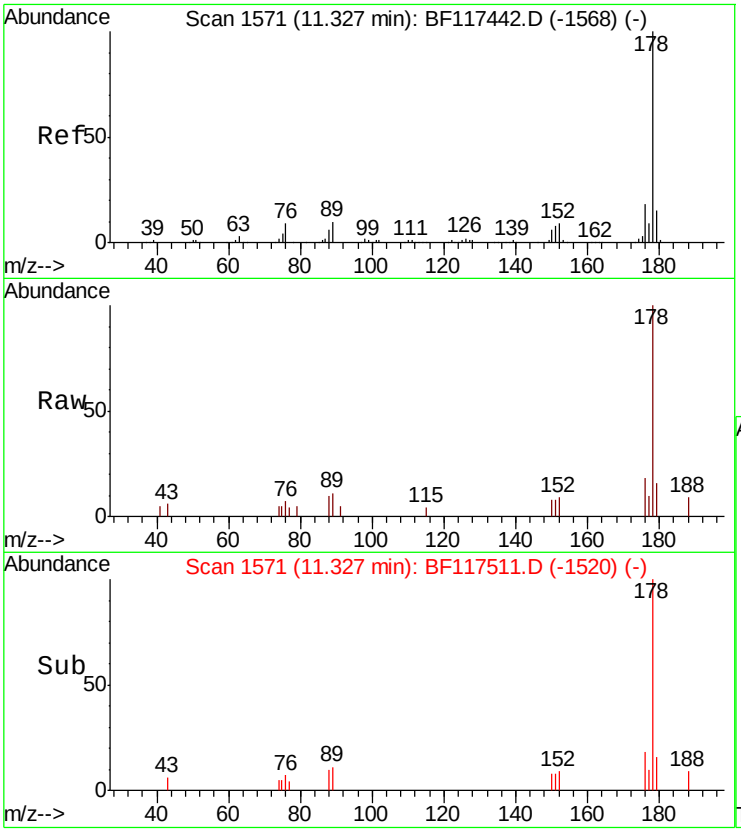


#71
Phenanthrene
Concen: 5.008 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:178 Resp: 31663

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	14.3	12.6	19.0



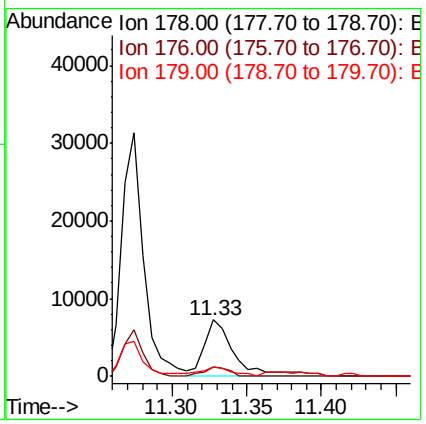


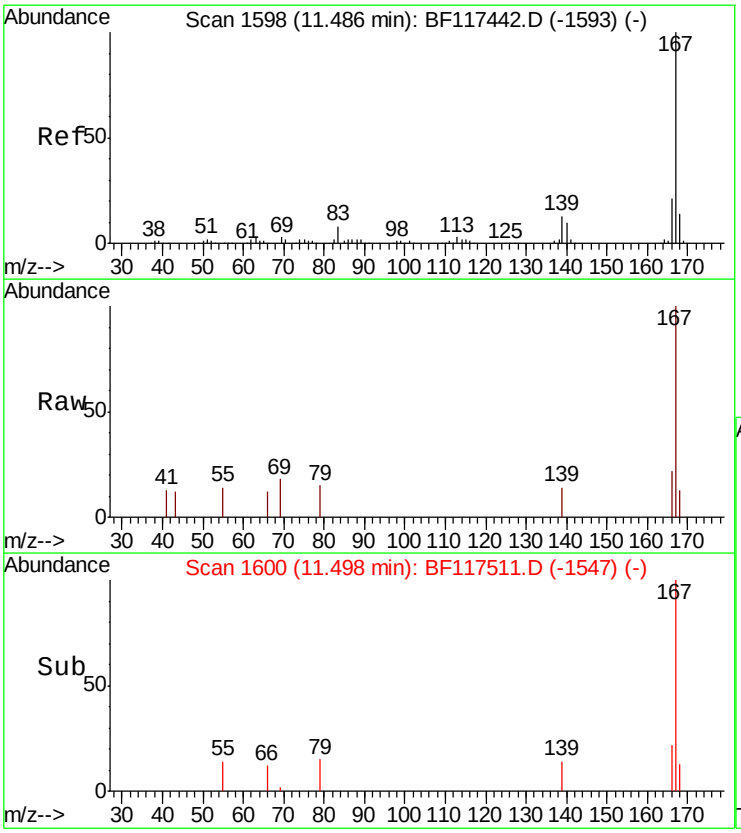
#72
Anthracene
Concen: 1.596 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:178 Resp: 10354

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.7	22.1
179	15.7	12.2	18.2

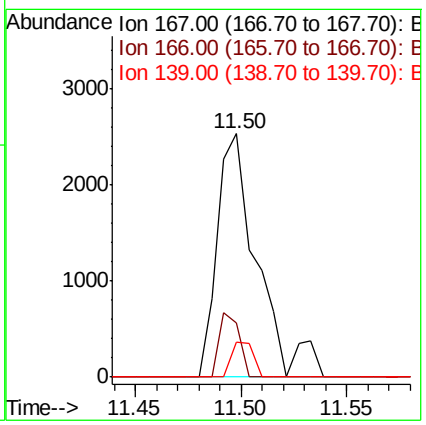


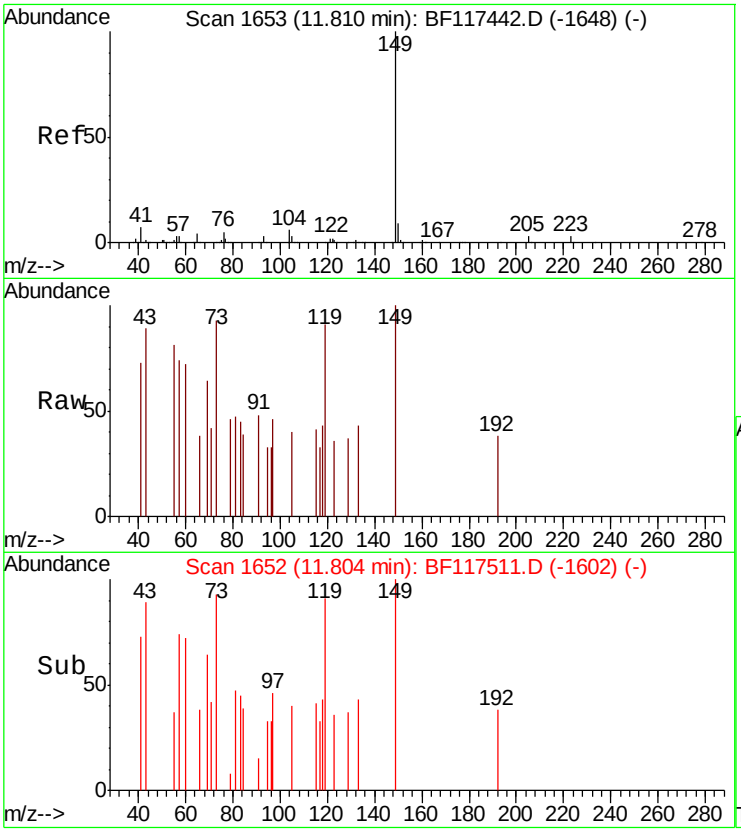


#73
Carbazole
Concen: 0.563 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:167 Resp: 3339

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.6
139	14.2	10.6	16.0



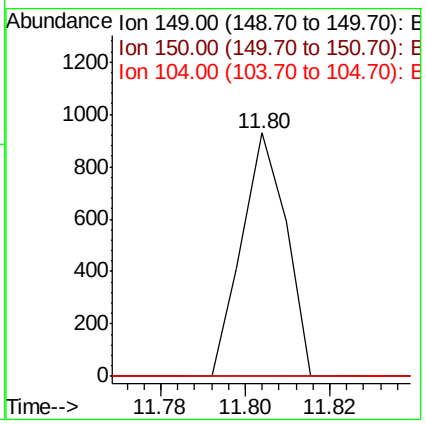


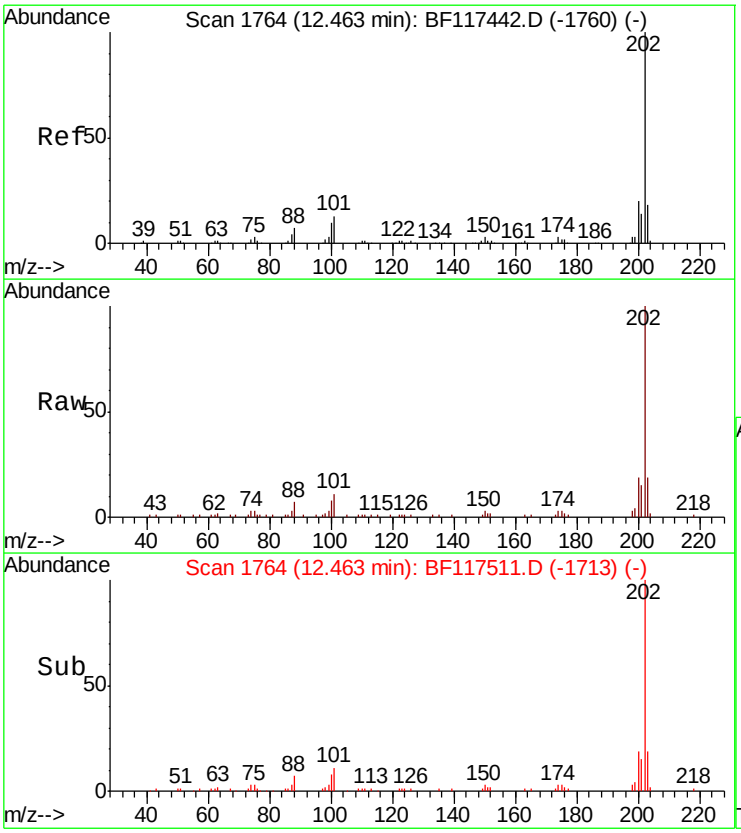
#74
Di-n-butylphthalate
Concen: 0.086 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:149 Resp: 683

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	0.0	4.6	6.8#

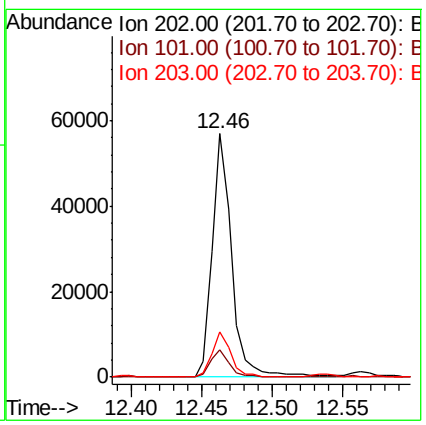


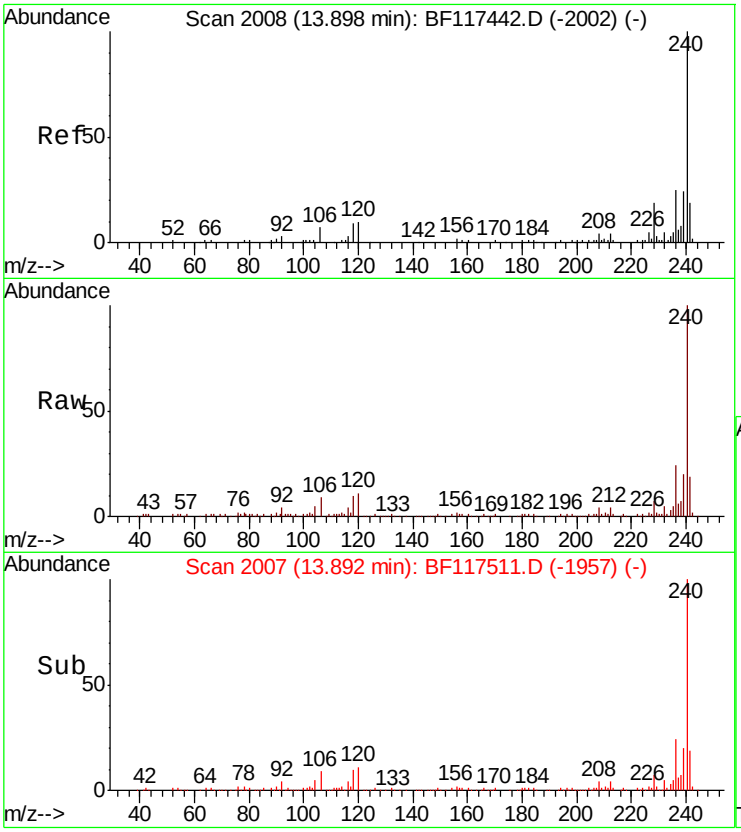


#75
Fluoranthene
Concen: 8.633 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:202 Resp: 54642

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.7
203	18.6	0.0	37.6



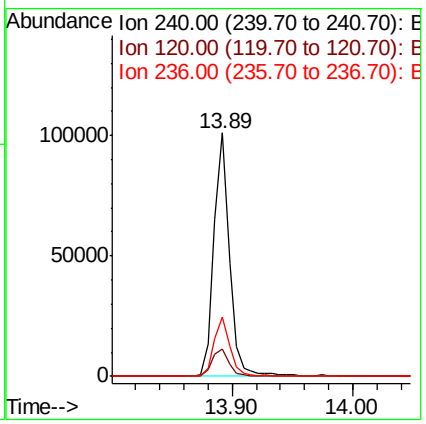


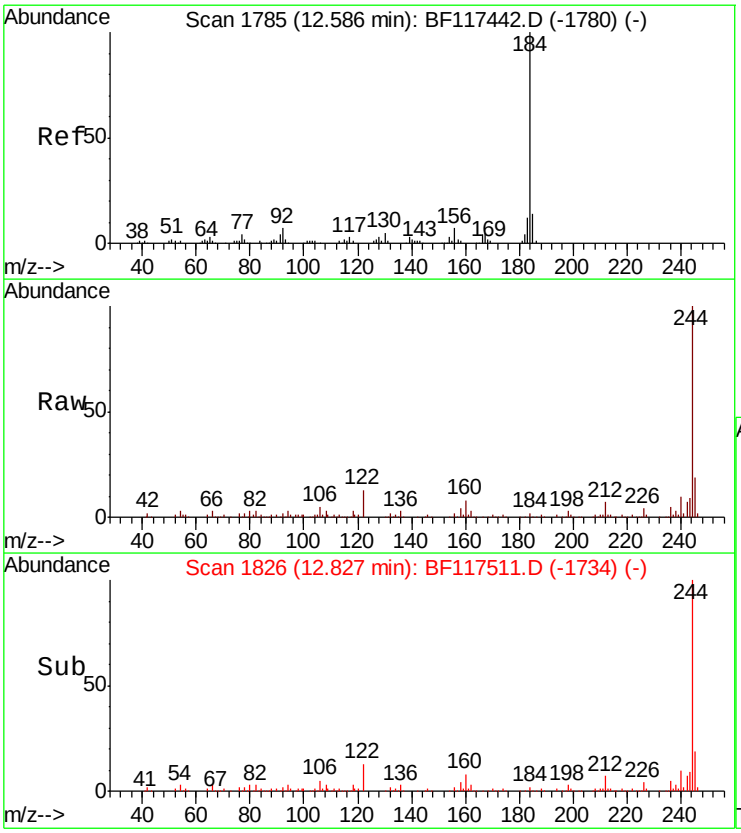
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:240 Resp: 89370

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	24.3	20.0	30.0

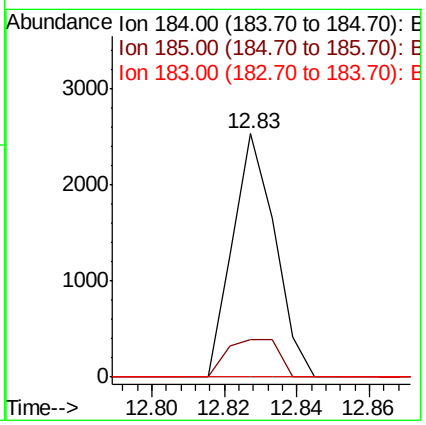


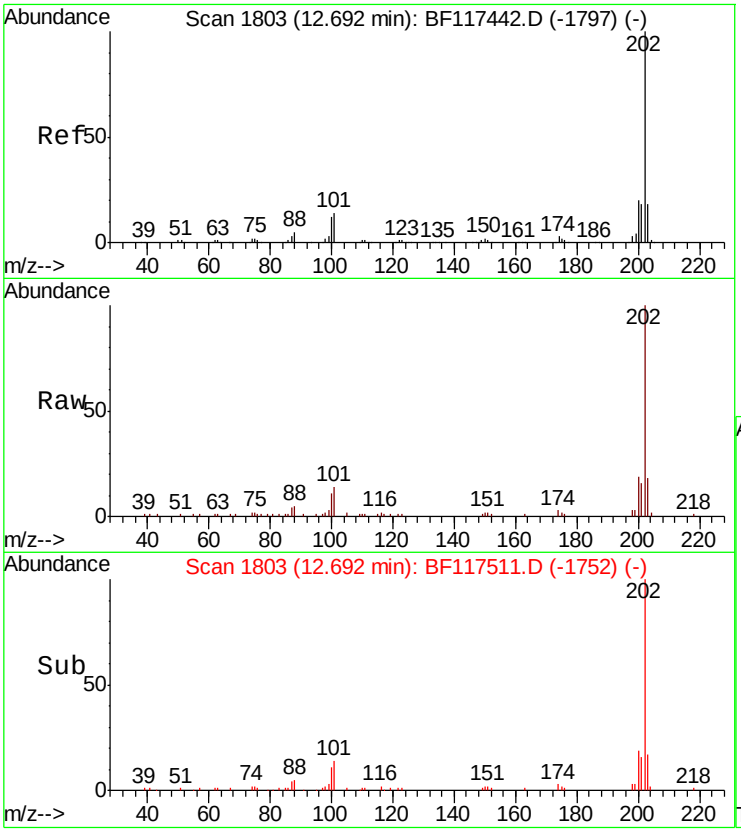


#77
Benzidine
Concen: Below Cal
RT: 12.83 min Scan# 1826
Delta R.T. 0.24 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:184 Resp: 2072

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.4	17.0
183	0.0	9.6	14.4#



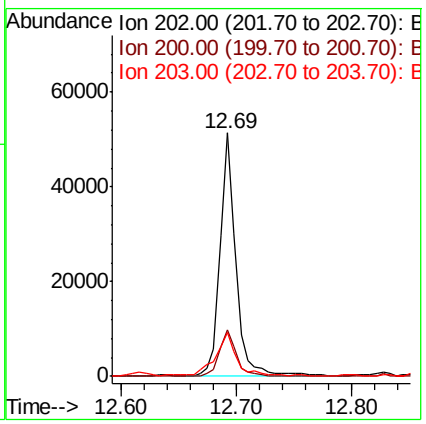


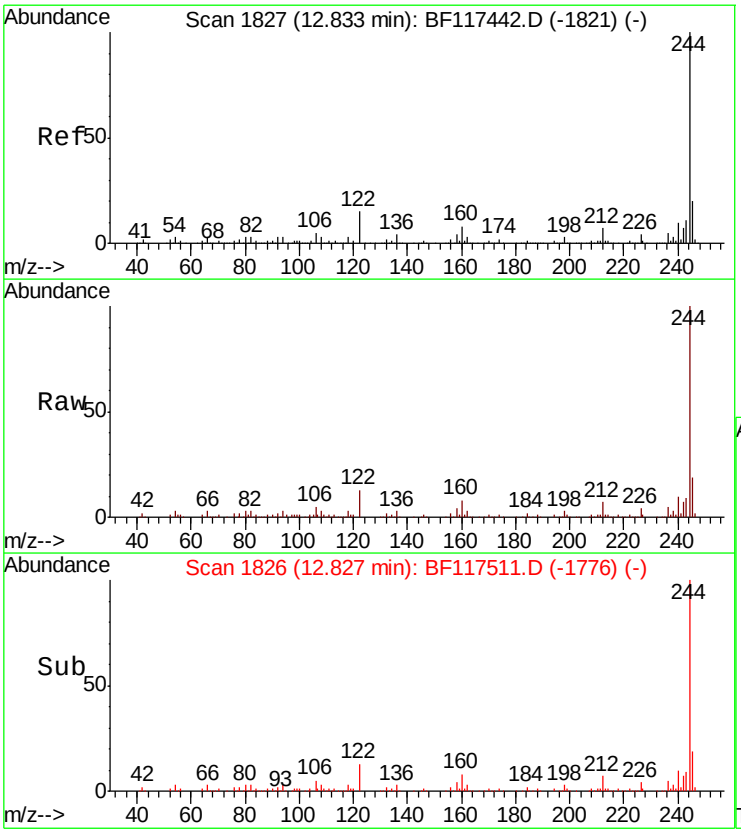
#78
Pyrene
Concen: 6.447 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:202 Resp: 49490

Ion	Ratio	Lower	Upper
202	100		
200	19.1	16.2	24.2
203	18.1	14.0	21.0

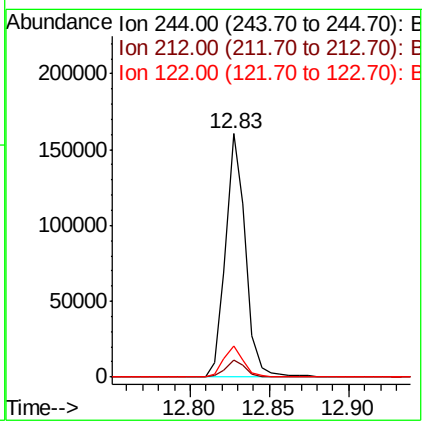


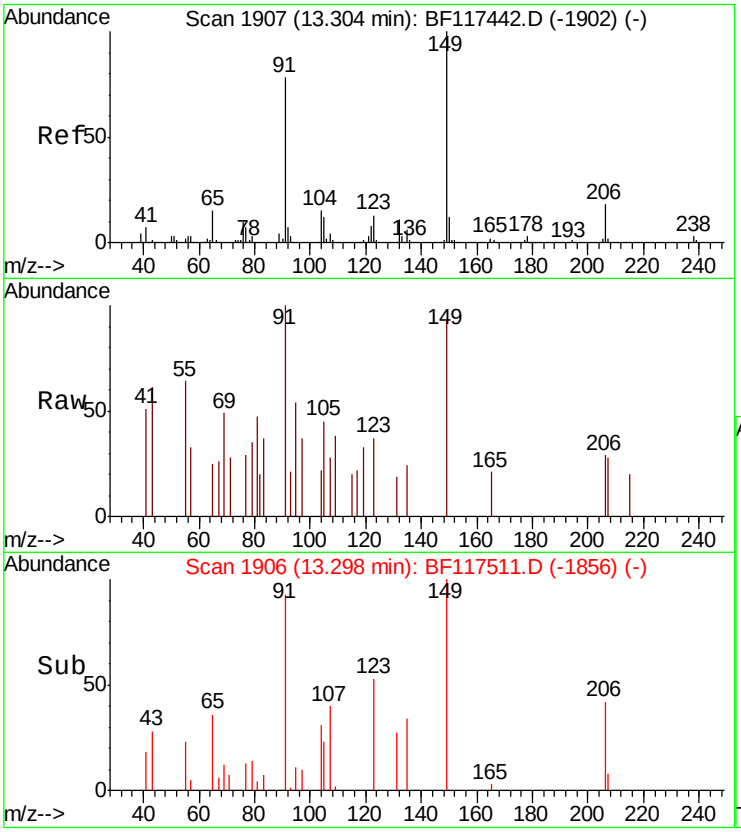


#79
Terphenyl-d14
Concen: 25.509 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:244 Resp: 139763

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.0	11.8	17.8



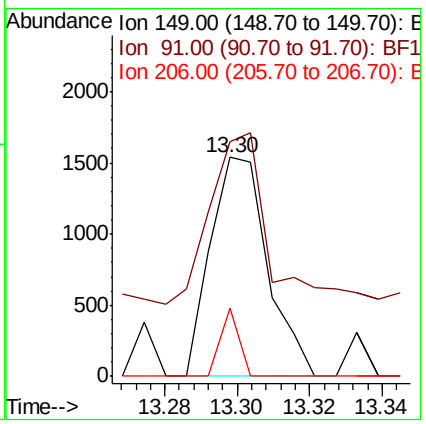


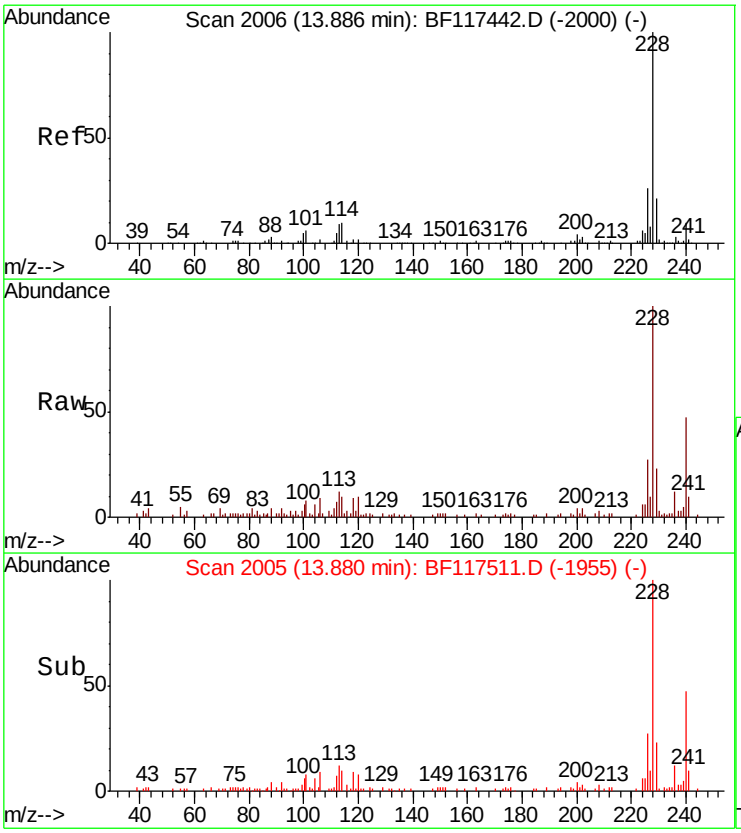
#80
Butylbenzylphthalate
Concen: 0.440 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:149 Resp: 1681

Ion	Ratio	Lower	Upper
149	100		
91	107.1	62.1	93.1#
206	31.2	14.3	21.5#

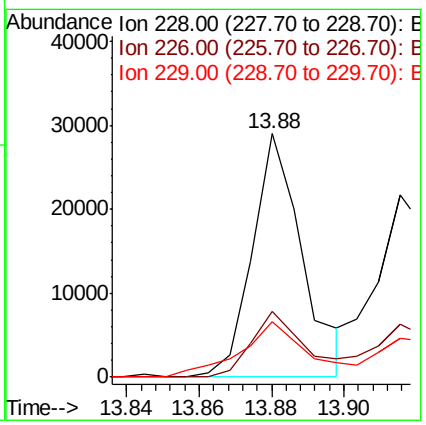


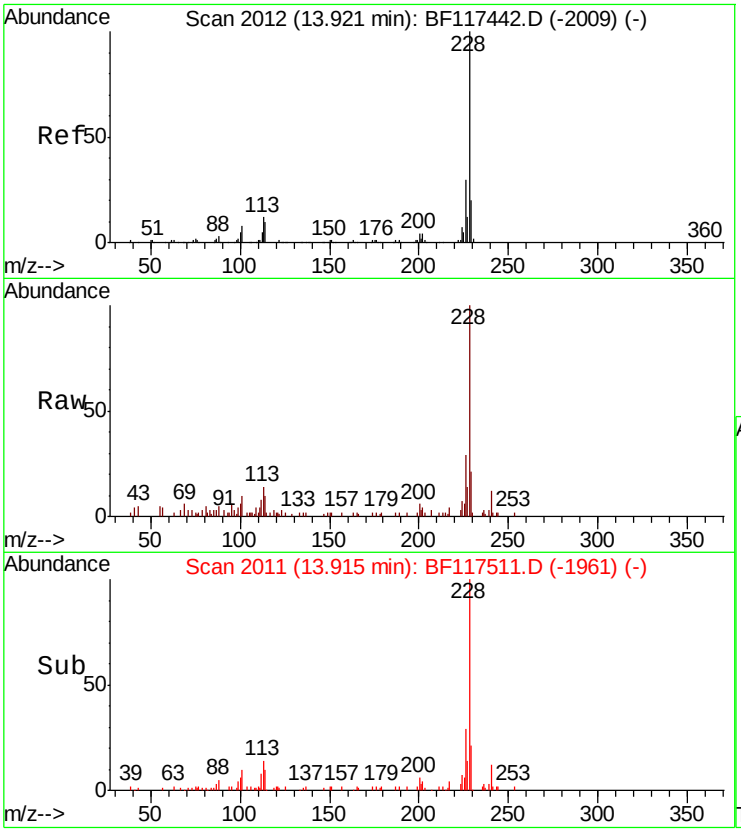


#81
Benzo(a)anthracene
Concen: 4.593 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:228 Resp: 27689

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.0	31.4
229	22.7	16.4	24.6



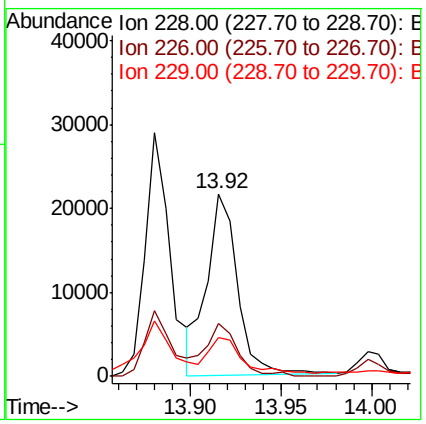


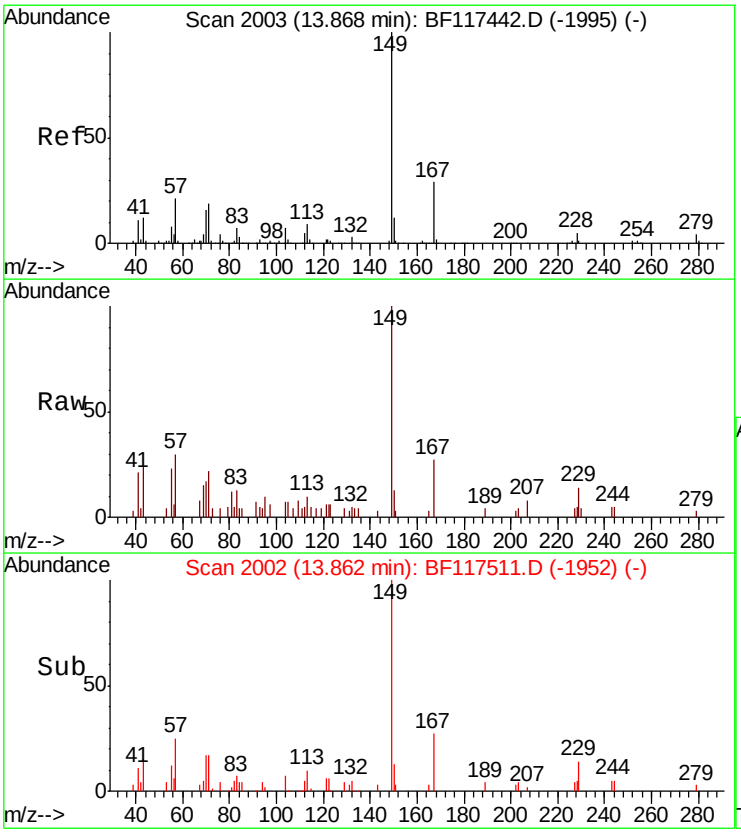
#83
Chrysene
Concen: 4.315 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:228 Resp: 25493

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	21.2	15.8	23.6

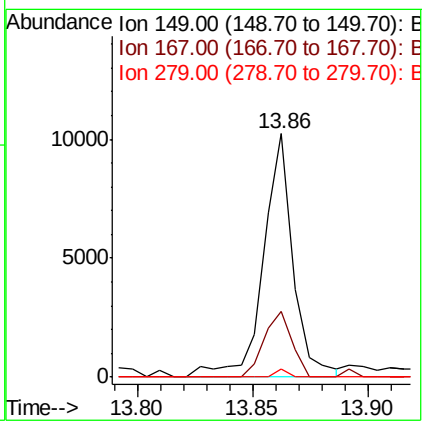


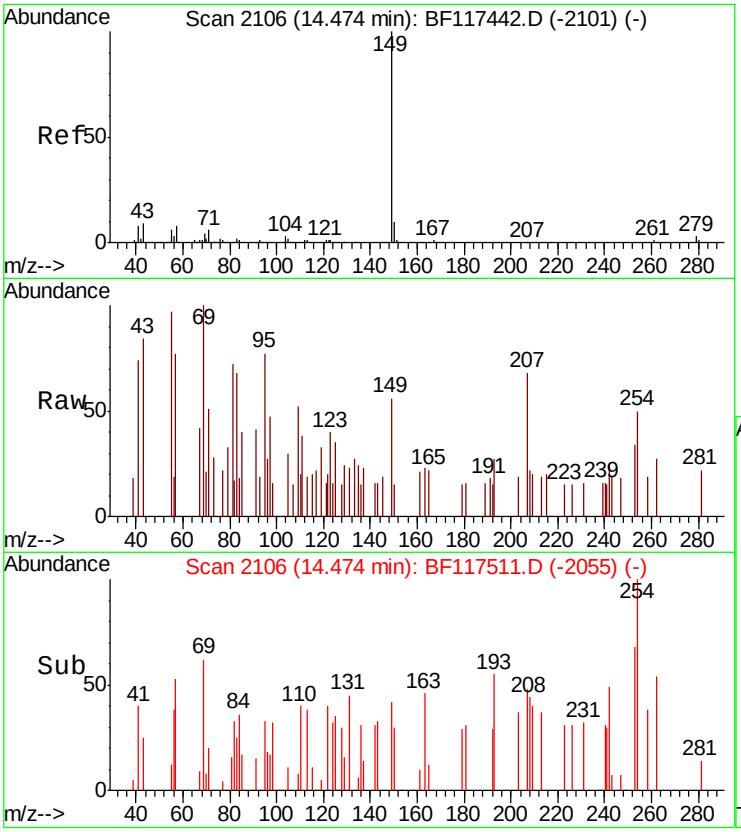


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.717 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:149 Resp: 9188

Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.3	34.9
279	3.3	3.2	4.8



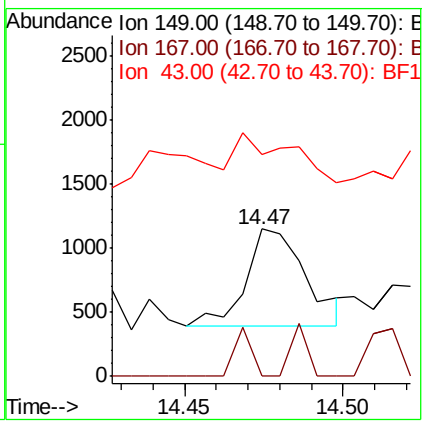


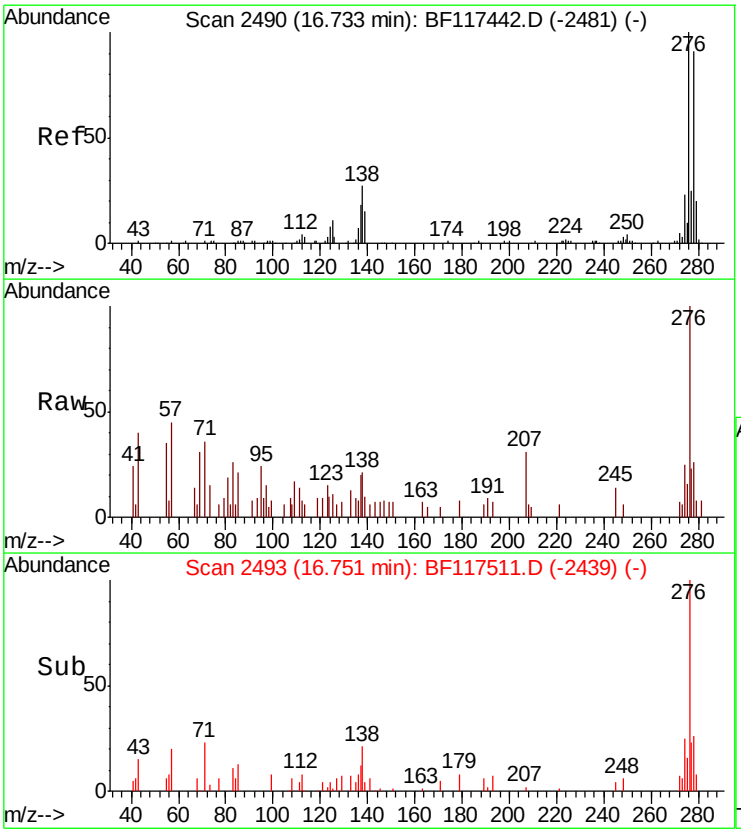
#85
Di-n-octyl phthalate
Concen: 0.123 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:149 Resp: 1010

Ion	Ratio	Lower	Upper
149	100		
167	13.4	1.2	1.8#
43	44.7	6.8	10.2#

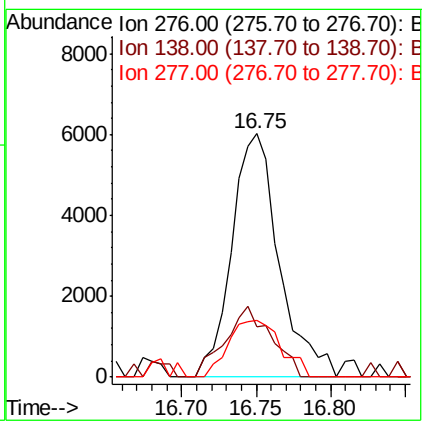


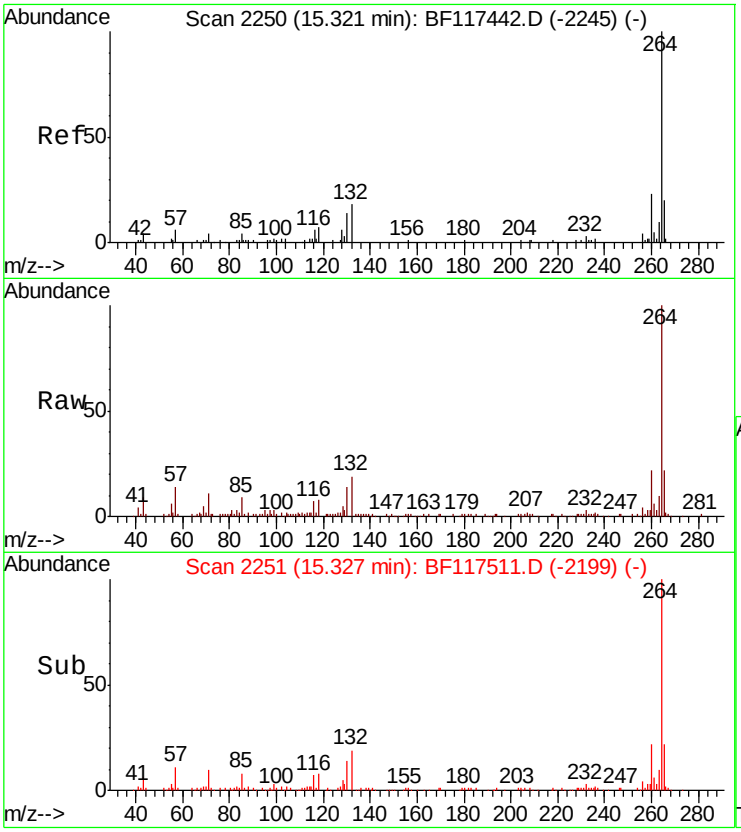


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.999 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:276 Resp: 13230

Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.8	32.8
277	26.0	20.0	30.0



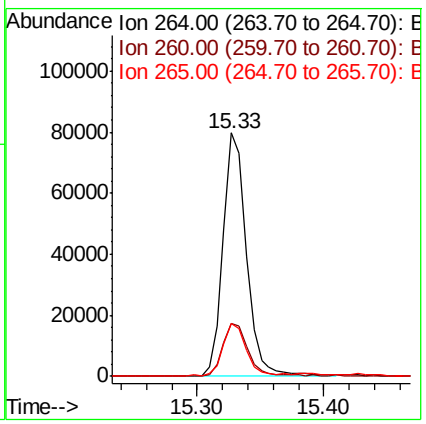


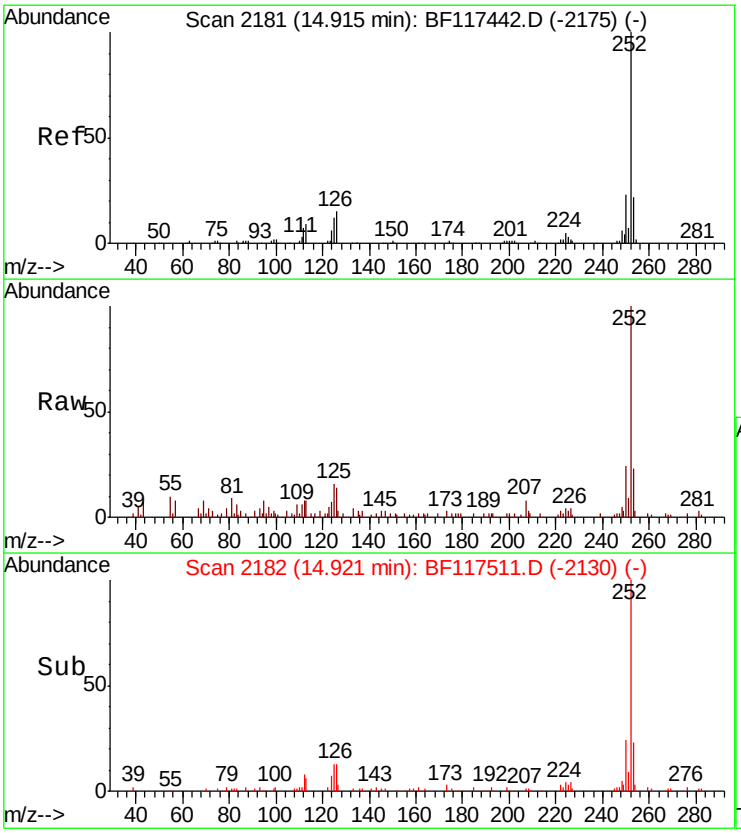
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:264 Resp: 102890

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.4	27.6
265	21.7	16.1	24.1

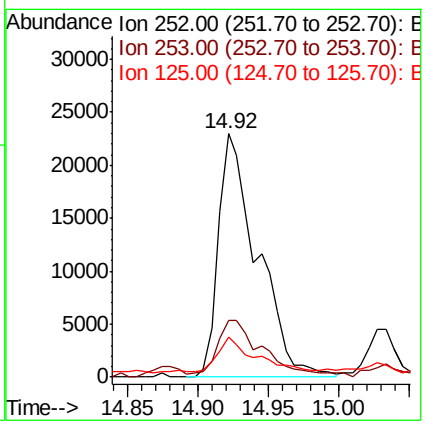


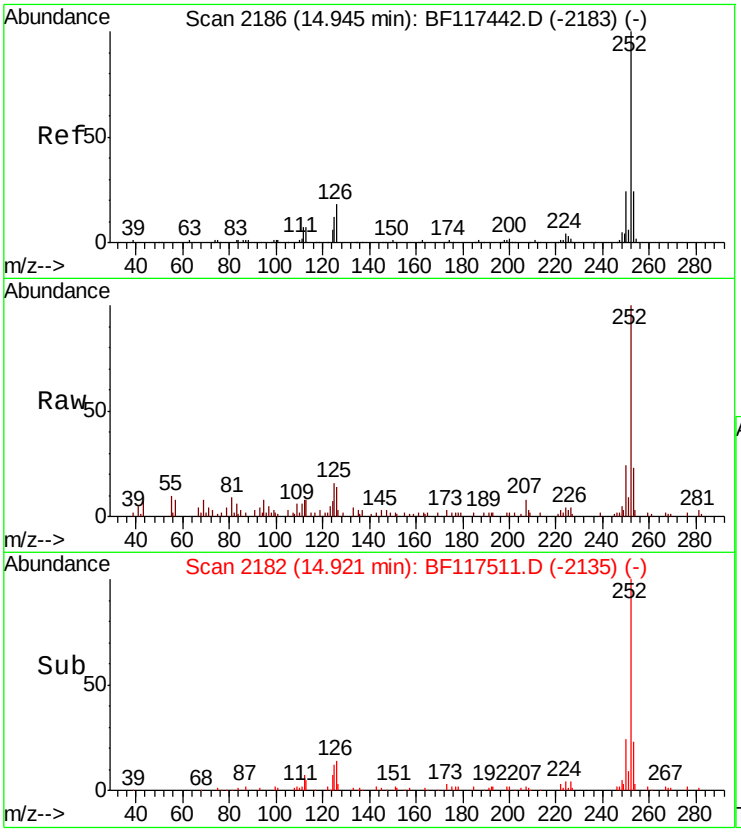


#88
Benzo(b)fluoranthene
Concen: 7.293 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:252 Resp: 44313

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	16.3	9.9	14.9#



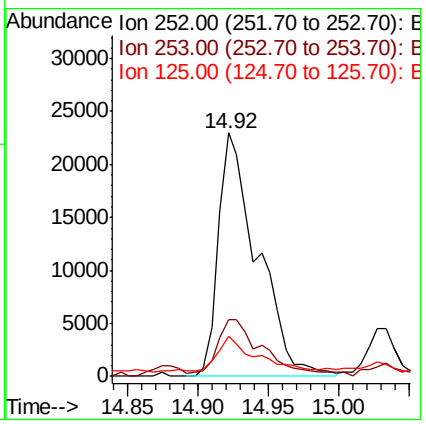


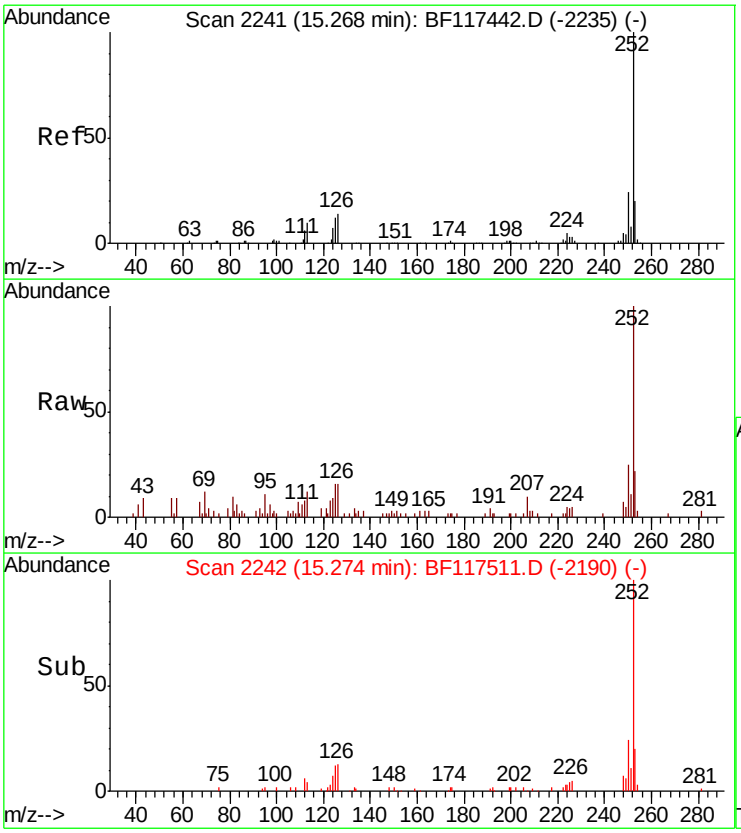
#89
Benzo(k)fluoranthene
Concen: 7.116 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:252 Resp: 44313

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	16.3	8.9	13.3#

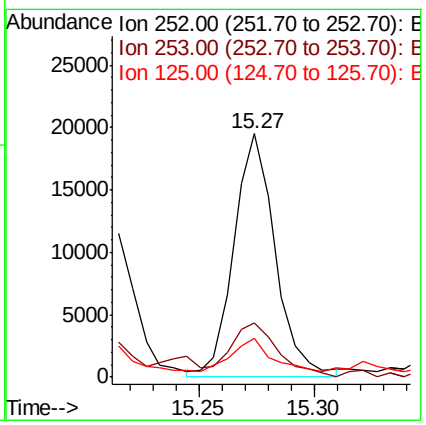


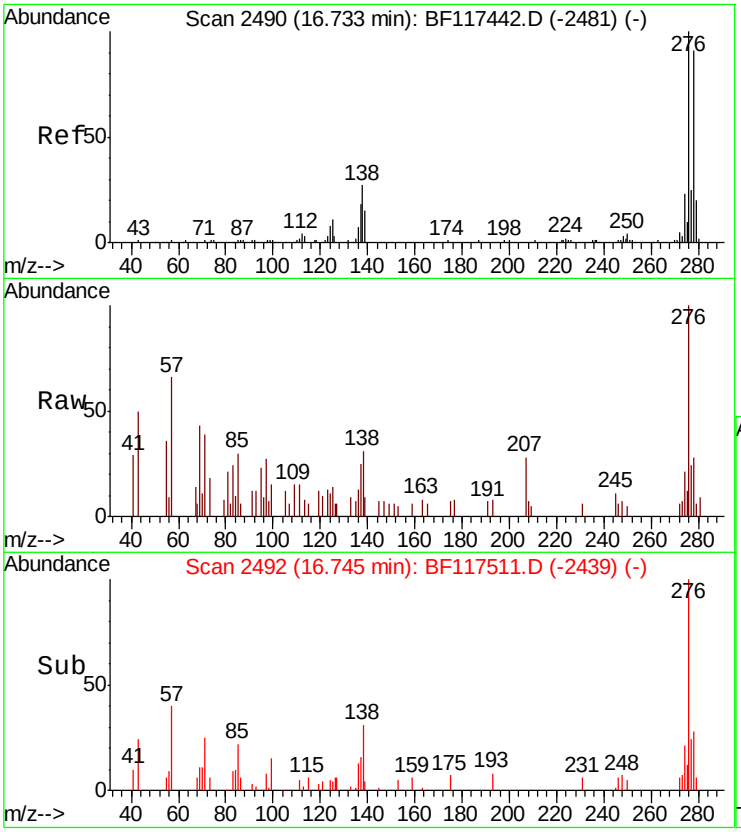


#90
Benzo(a)pyrene
Concen: 4.430 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:252 Resp: 24472

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.3	24.5
125	16.1	9.2	13.8#



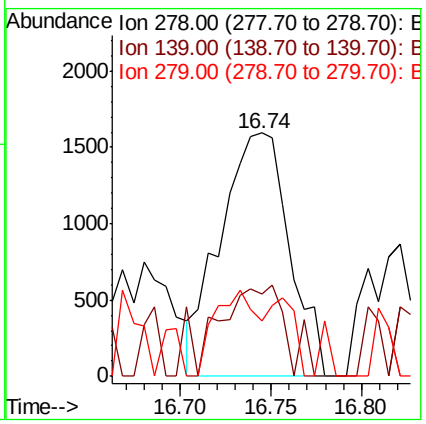


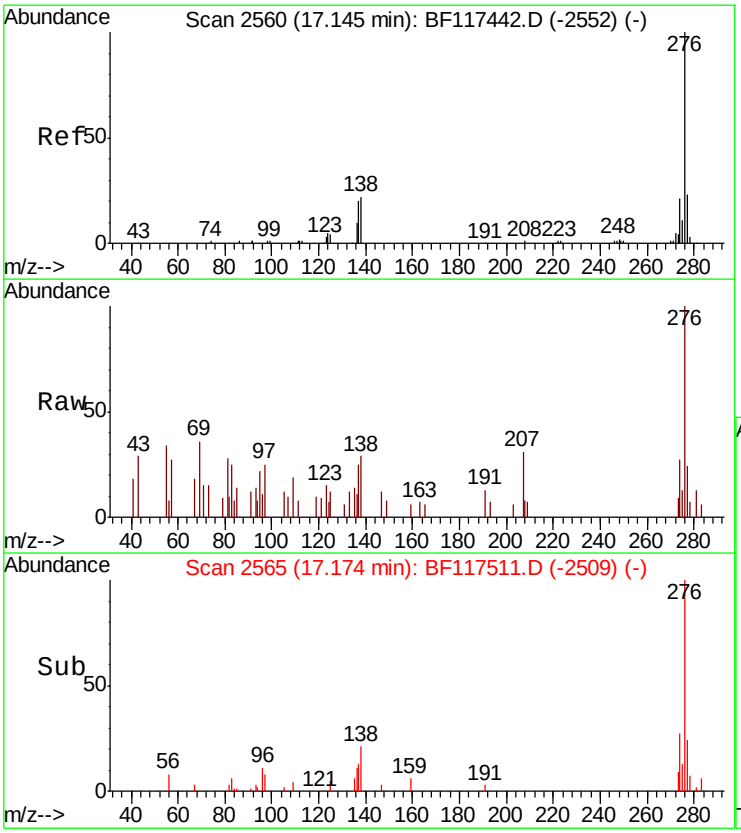
#91
Dibenzo(a,h)anthracene
Concen: 0.888 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Instrument :
BNA_F
ClientSampleId :
191-36-(0-1)

Tgt Ion:278 Resp: 4242

Ion	Ratio	Lower	Upper
278	100		
139	33.9	13.4	20.0#
279	22.6	17.8	26.6





#92
Benzo(g,h,i)perylene
Concen: 2.731 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.03 min
Lab File: BF117511.D
Acq: 24 Oct 2019 15:46

Tgt Ion:276 Resp: 12343

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	29.0	17.8	26.6#