Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117212.D
Acq On : 23 Sep 2019 18:33
Operator : HP/JU
Sample : K4980-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 24 03:11:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	24020	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	99596	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	53403	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	82752	20.00	ng		0.00
76) Chrysene-d12	13.97	240	47255	20.00	ng		0.00
87) Perylene-d12	15.43	264	53973	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	158426	102.97	ng		0.00
7) Phenol-d6	6.46	99	218950	110.12	ng		0.00
23) Nitrobenzene-d5	7.37	82	137838	72.72	ng		-0.01
42) 2,4,6-Tribromophenol	10.64	330	48196	107.98	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	266695	78.09	ng		0.00
79) Terphenyl-d14	12.92	244	206390	81.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	4759	Below Cal			89
19) n-Nitroso-di-n-propylamine	7.37	70	19284	15.928	ng	#	78
25) Isophorone	7.37	82	137837	41.069	ng	#	66
31) Naphthalene	8.12	128	15145	3.162	ng		96
37) 2-Methylnaphthalene	8.81	142	11259	3.491	ng	#	90
38) 1-Methylnaphthalene	8.90	142	10993	3.639	ng	#	95
49) Acenaphthylene	9.71	152	27954	5.644	ng		97
50) Dimethylphthalate	9.56	163	55298	14.624	ng		98
58) Fluorene	10.39	166	14482	4.151	ng		95
67) 4-Bromophenyl-phenylether	10.64	248	3025	3.579	ng	#	1
71) Phenanthrene	11.36	178	110904	23.595	ng		97
72) Anthracene	11.41	178	18133	3.779	ng		99
75) Fluoranthene	12.54	202	73137	15.144	ng		99
77) Benzidine	12.92	184	3535	2.322	ng	#	94
78) Pyrene	12.77	202	118192	29.808	ng		97
81) Benzo(a)anthracene	13.96	228	44593	14.124	ng		97
83) Chrysene	14.00	228	44806	14.551	ng		99
86) Indeno(1,2,3-cd)pyrene	16.87	276	15637	6.961	ng	#	74
88) Benzo(b)fluoranthene	15.01	252	52389	16.024	ng		98
89) Benzo(k)fluoranthene	15.01	252	52389	16.916	ng		98
90) Benzo(a)pyrene	15.37	252	34864	12.152	ng		96
91) Dibenzo(a,h)anthracene	16.87	278	5477	2.396	ng	#	89
92) Benzo(g,h,i)perylene	17.32	276	15675	6.883	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117212.D
Acq On : 23 Sep 2019 18:33
Operator : HP/JU
Sample : K4980-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
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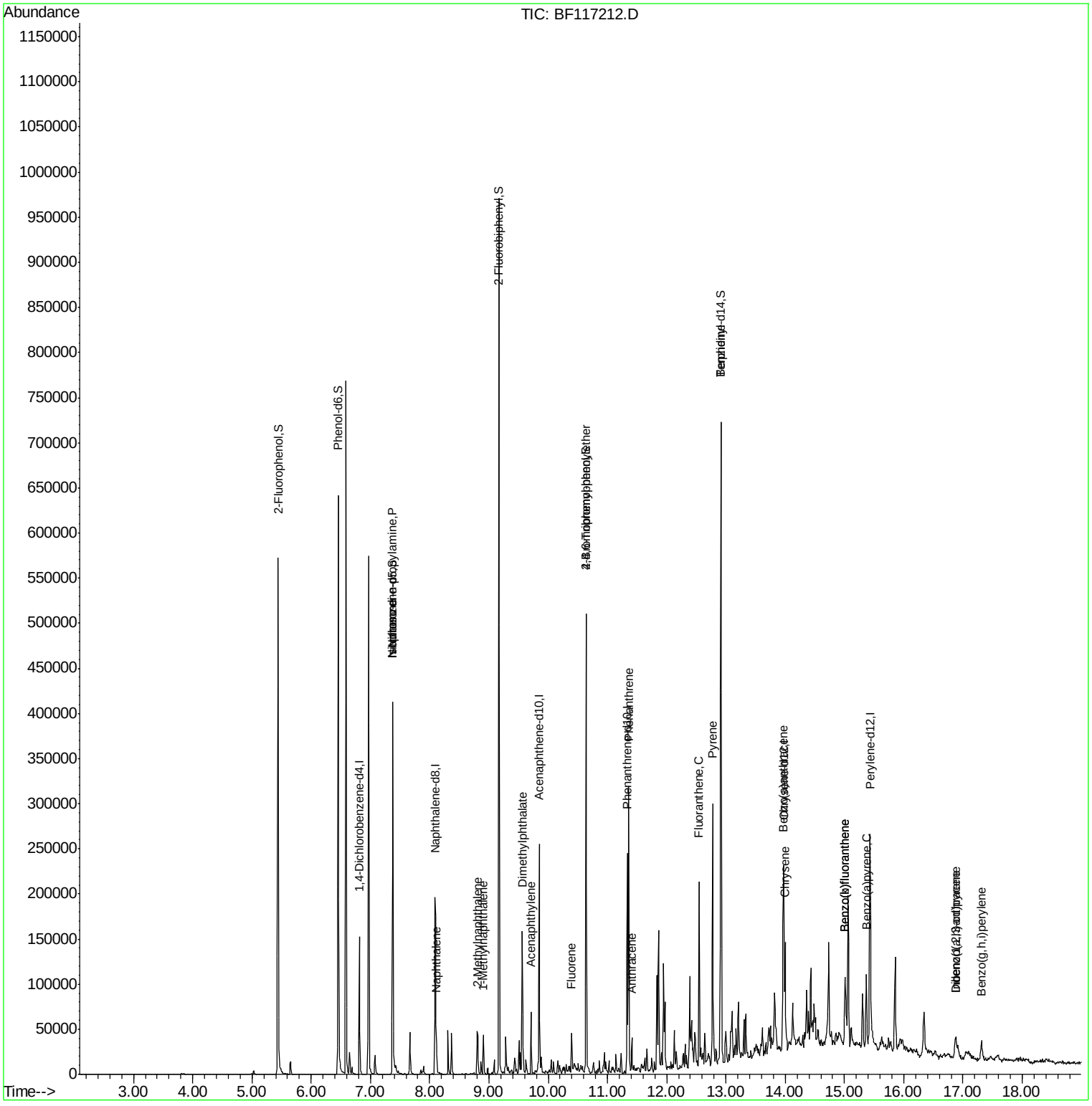
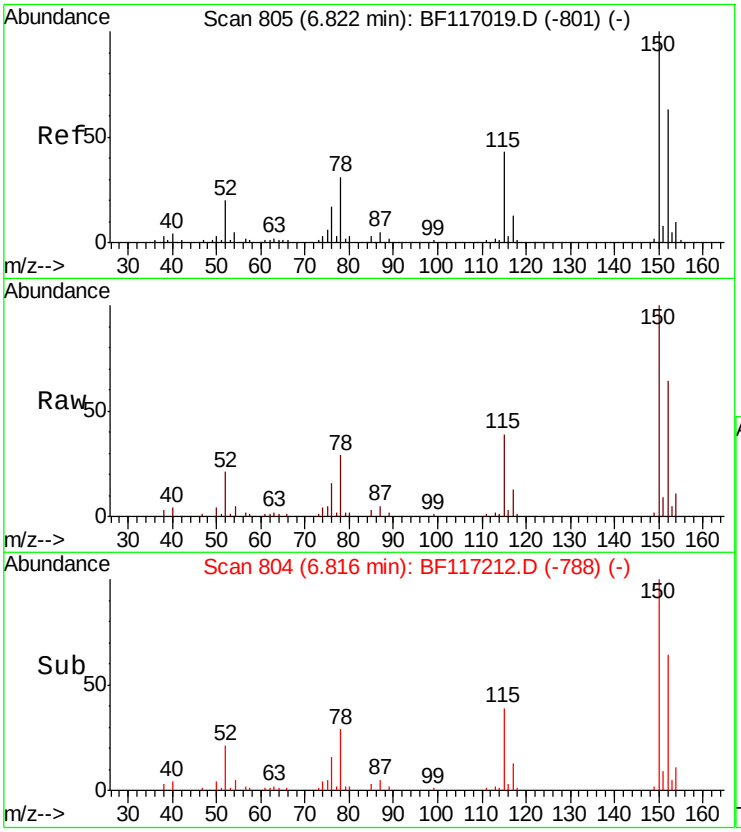


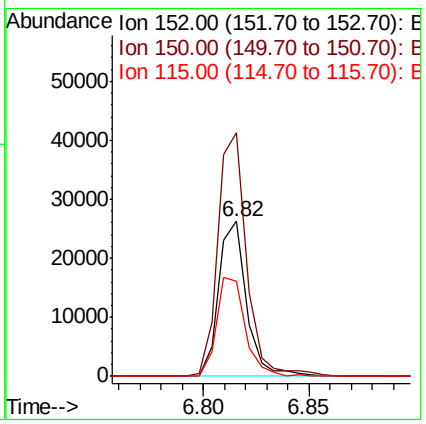


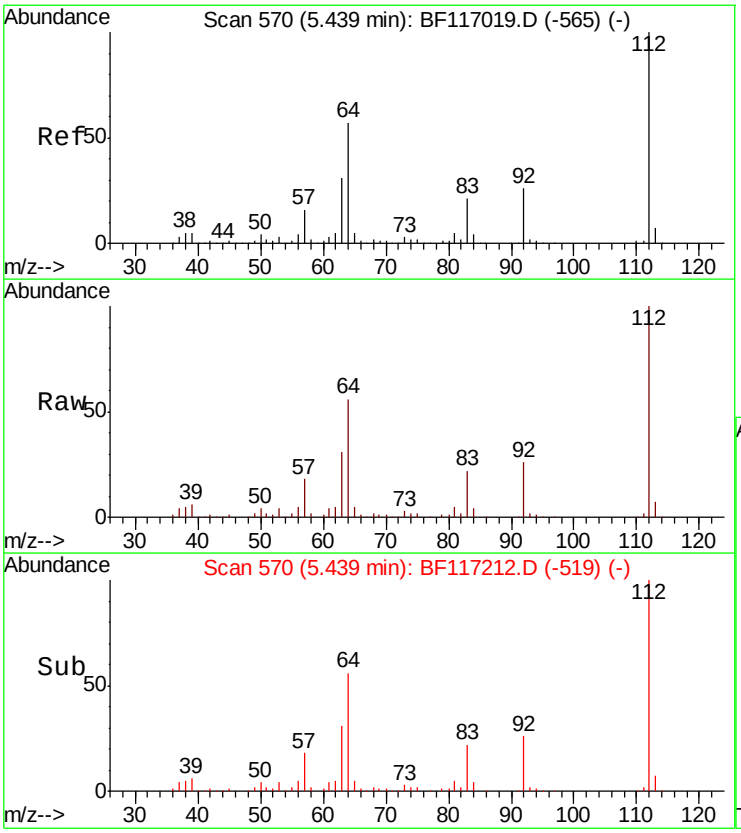
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 24020

Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.5	191.3
115	61.0	55.0	82.4

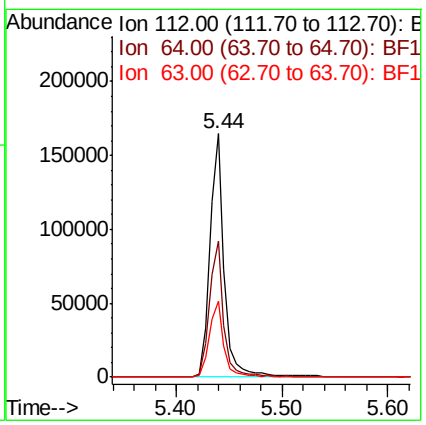


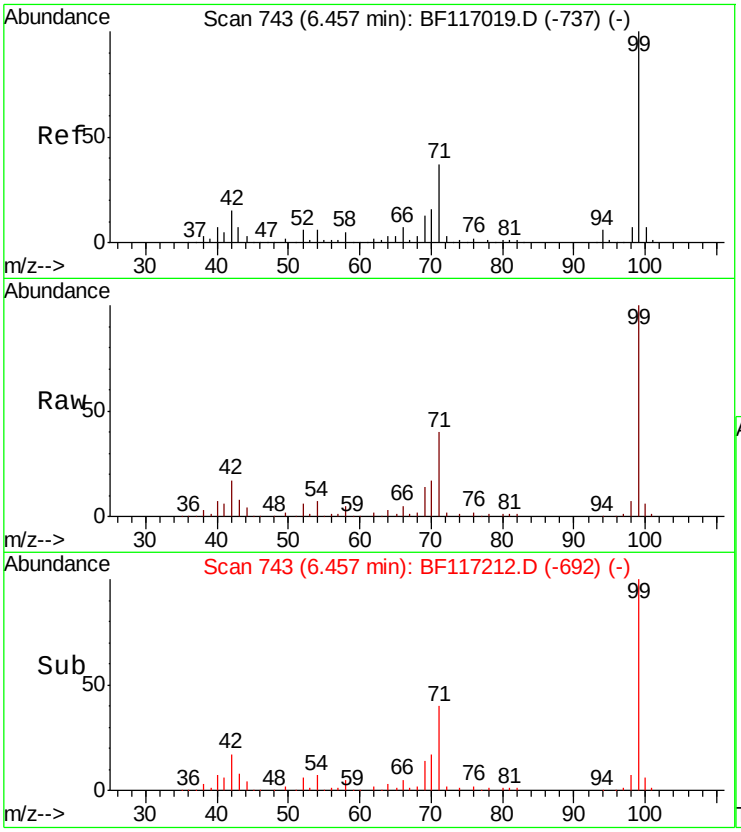


#5
2-Fluorophenol
Concen: 102.973 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:112 Resp: 158426

Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.7	68.5
63	31.2	24.9	37.3



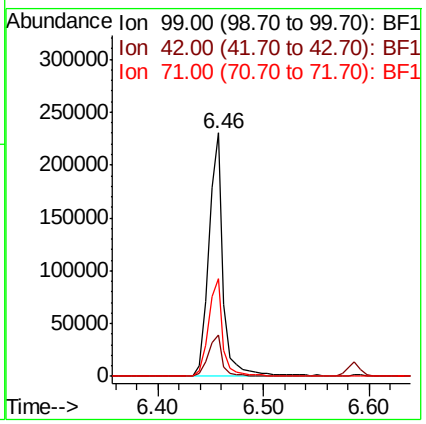


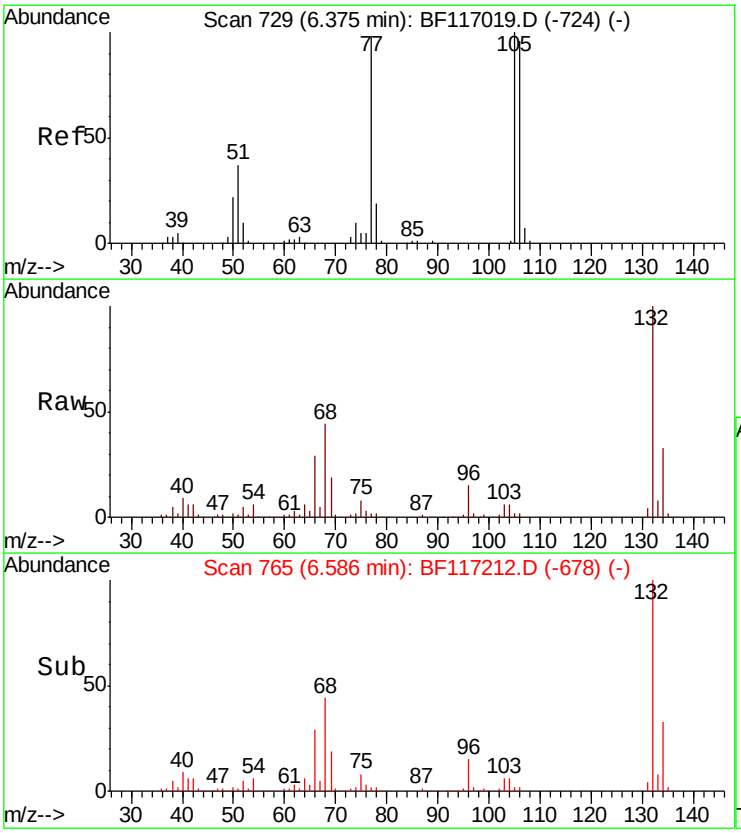
#7
Phenol-d6
Concen: 110.118 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 218950

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	40.0	29.8	44.8

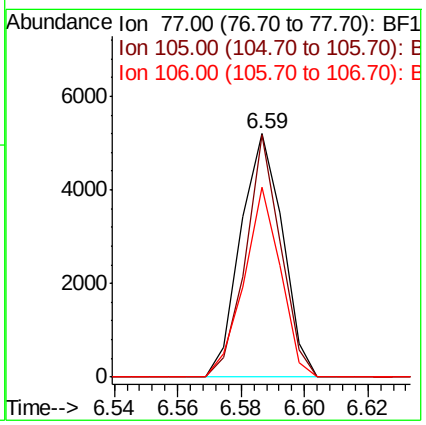


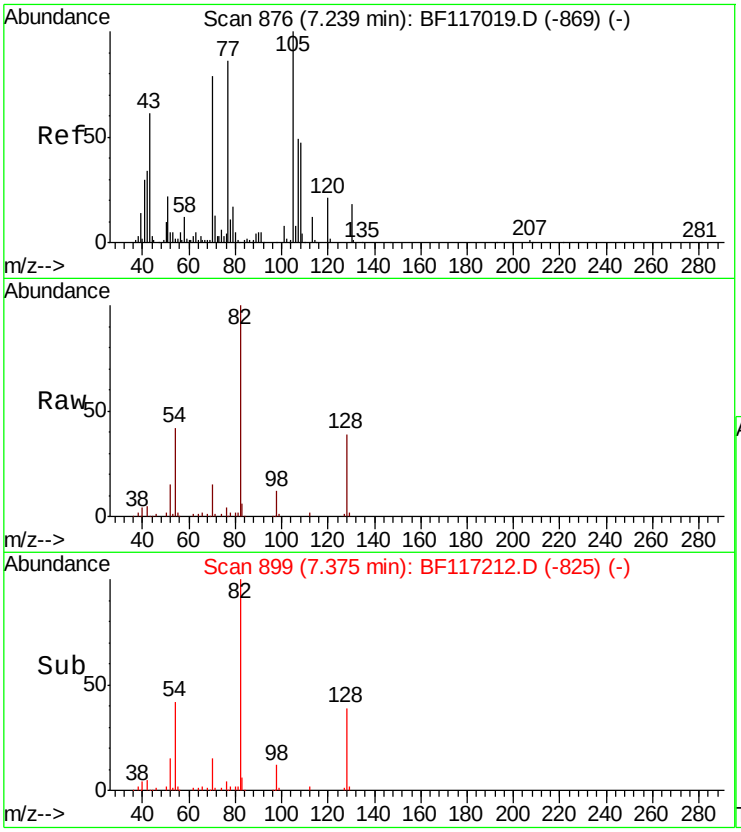


#9
Benzaldehyde
Concen: Below Cal
RT: 6.59 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion: 77 Resp: 4759

Ion	Ratio	Lower	Upper
77	100		
105	99.7	81.8	121.8
106	78.1	77.3	117.3



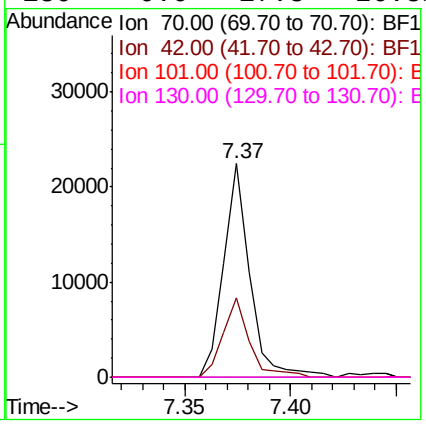


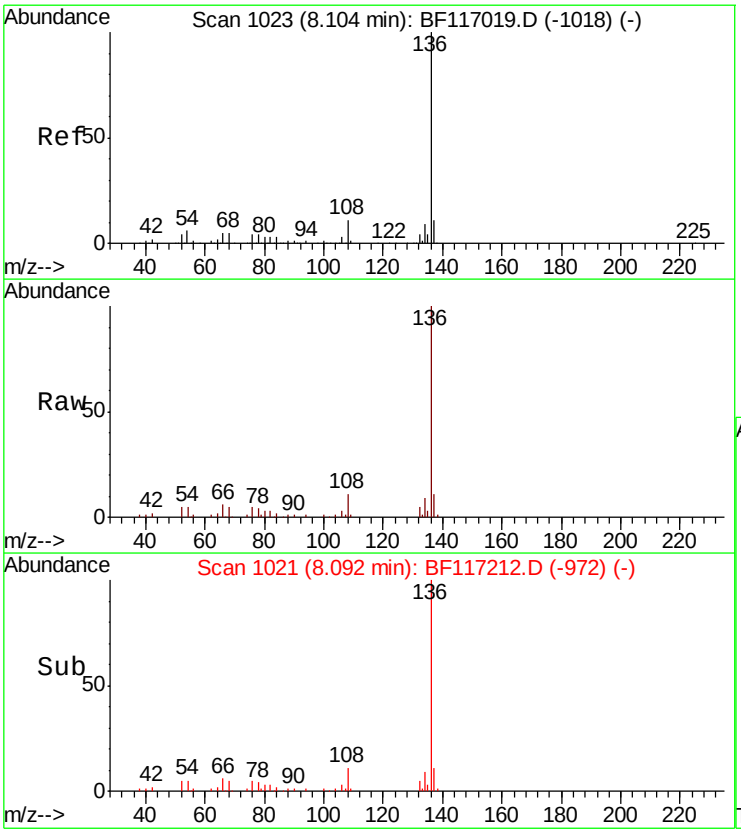
#19
n-Nitroso-di-n-propylamine
Concen: 15.928 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 19284

Ion	Ratio	Lower	Upper
70	100		
42	37.1	34.0	51.0
101	0.0	7.8	11.6#
130	0.0	17.8	26.8#

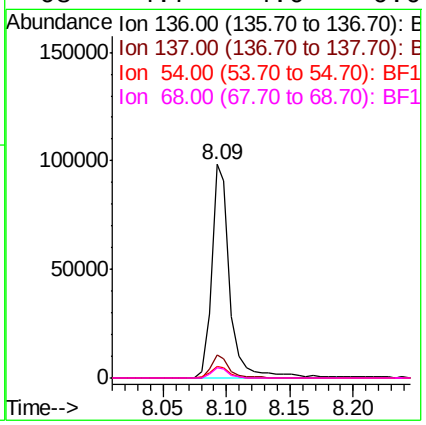


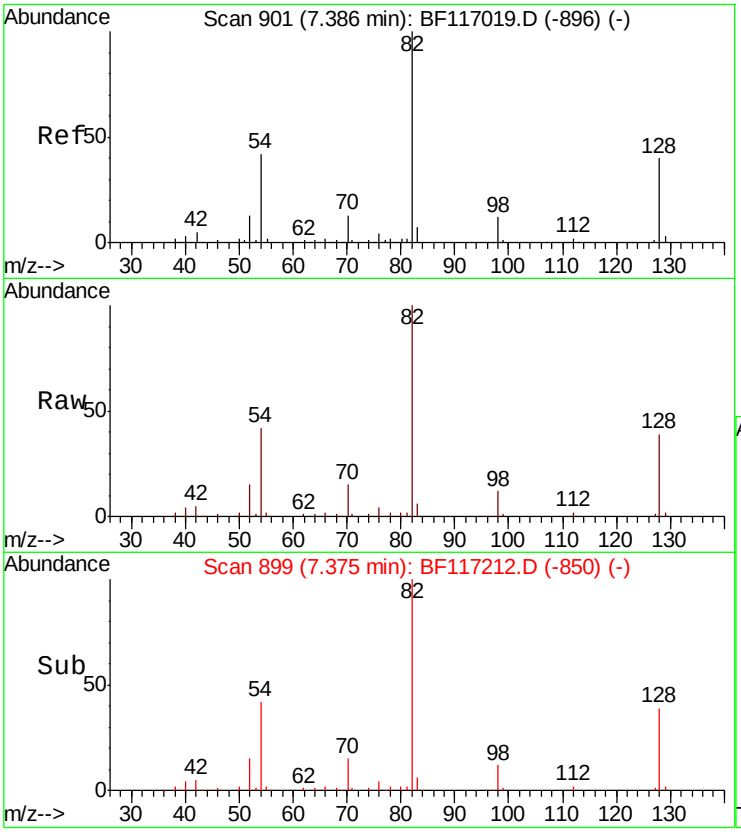


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:136 Resp: 99596

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.4	4.5	6.7
68	4.7	4.0	6.0



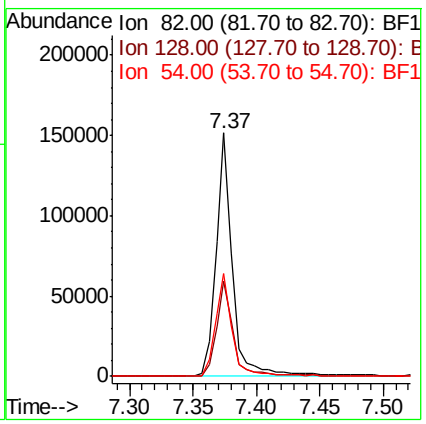


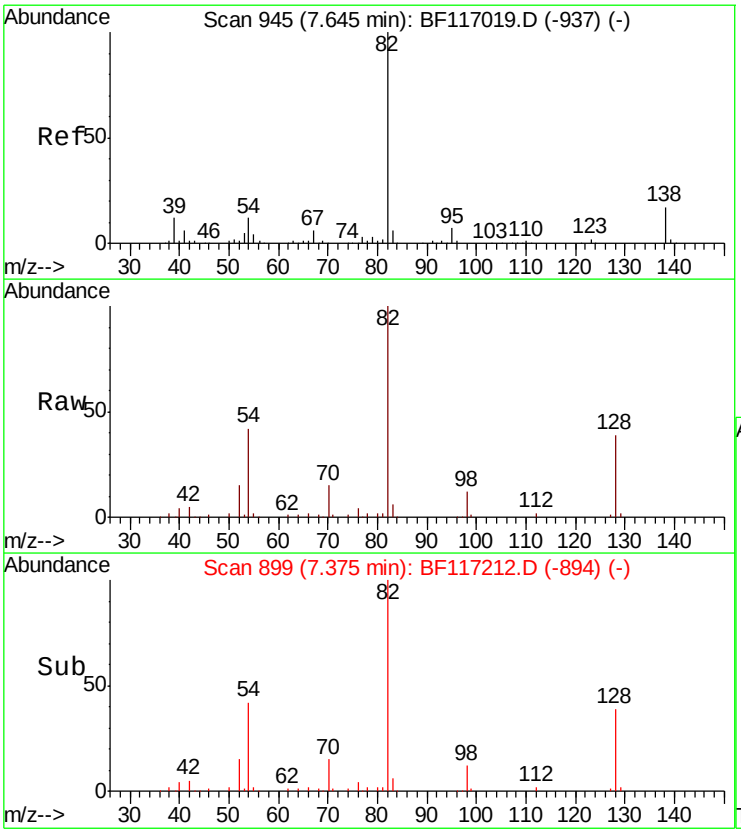
#23
Nitrobenzene-d5
Concen: 72.717 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 137838

Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.3	48.5
54	42.3	33.3	49.9

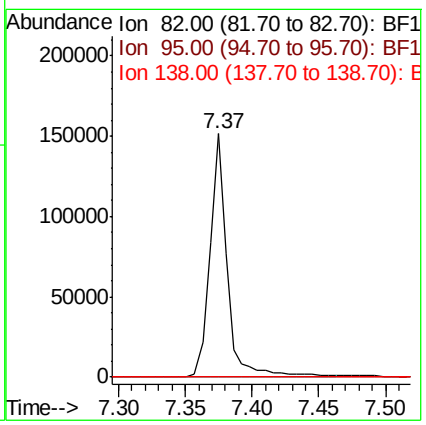


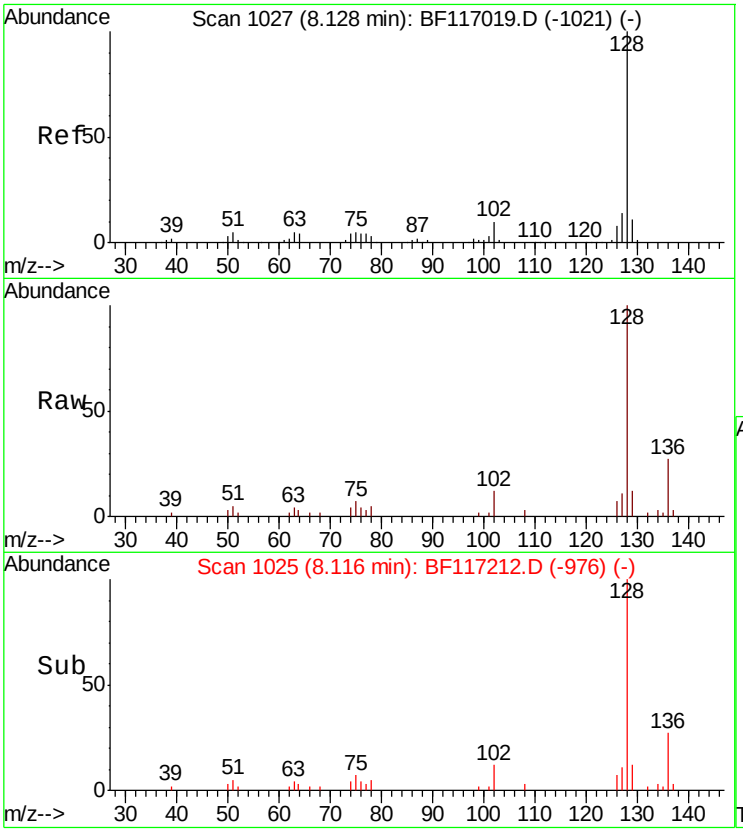


#25
Isophorone
Concen: 41.069 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.27 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion: 82 Resp: 137837

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



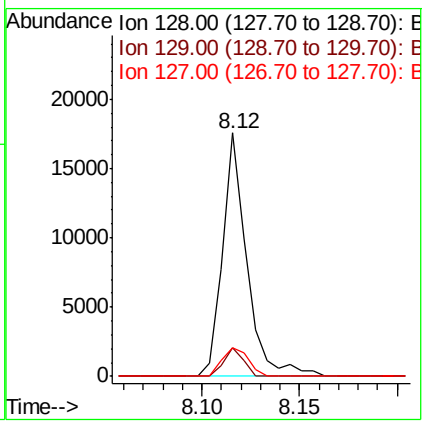


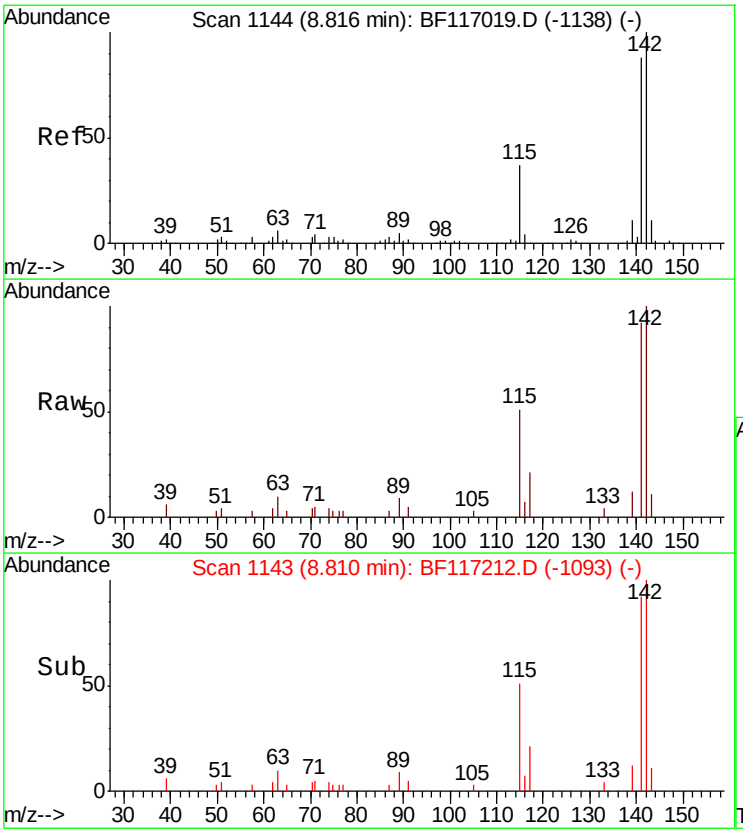
#31
Naphthalene
Concen: 3.162 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 15145

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.4
127	11.5	10.8	16.2

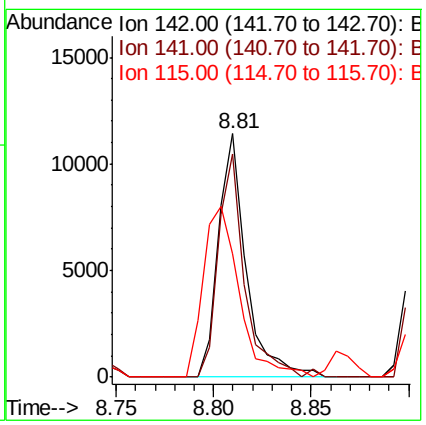


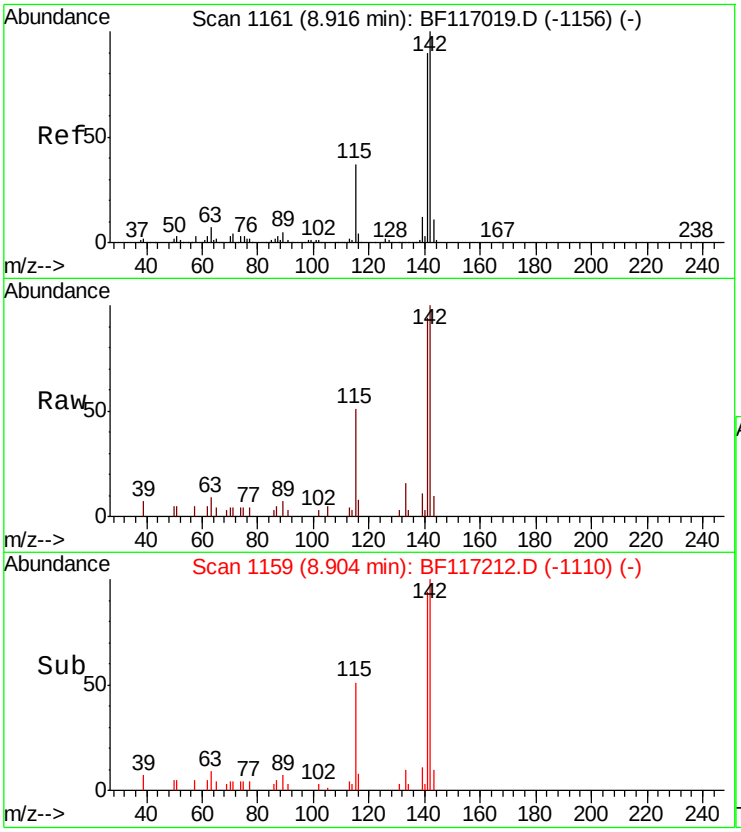


#37
2-Methylnaphthalene
Concen: 3.491 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:142 Resp: 11259

Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.7	106.1
115	50.7	29.4	44.0#



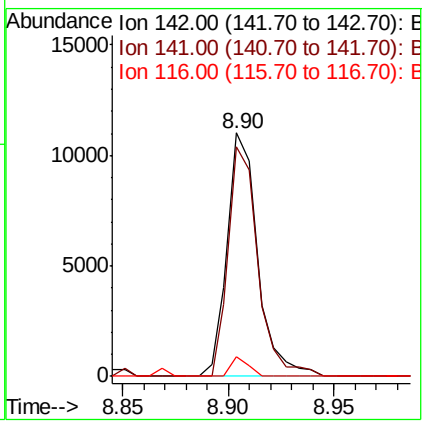


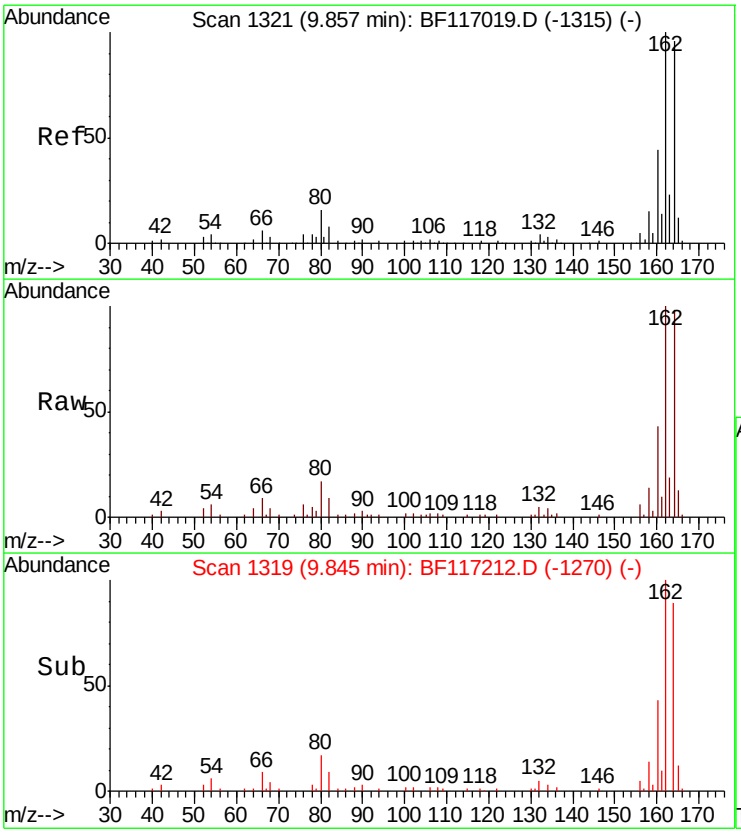
#38
1-Methylnaphthalene
Concen: 3.639 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 10993

Ion	Ratio	Lower	Upper
142	100		
141	94.4	71.9	107.9
116	7.9	3.2	4.8#

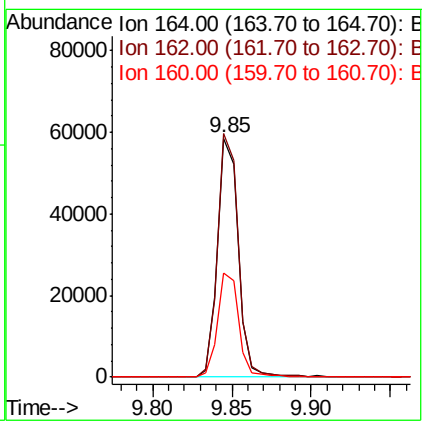


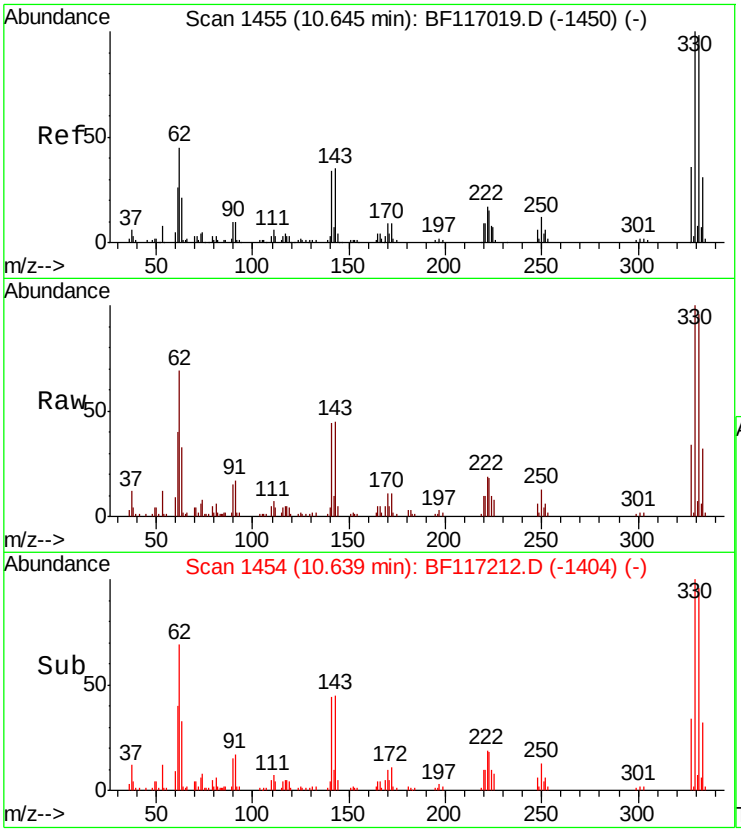


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:164 Resp: 53403

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.4	125.2
160	43.6	36.4	54.6



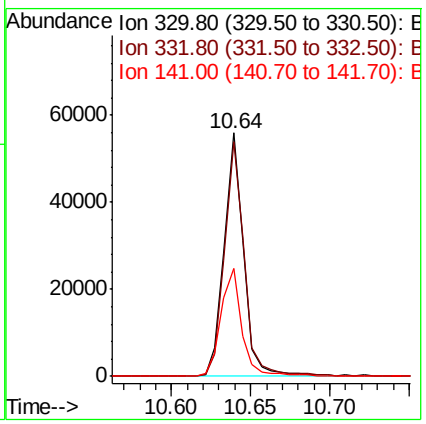


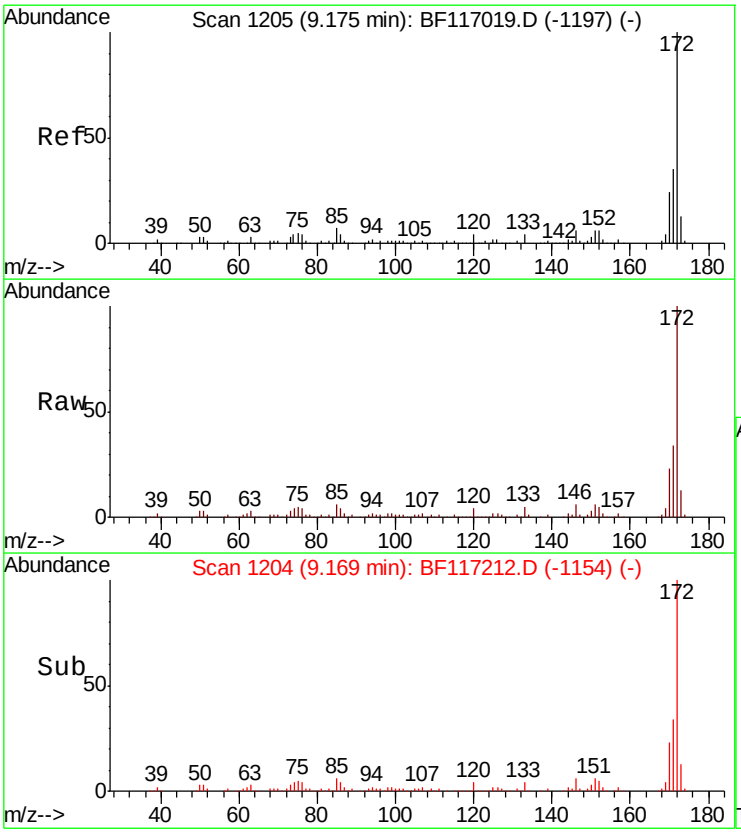
#42
2,4,6-Tribromophenol
Concen: 107.984 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 48196

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	47.4	35.8	53.6

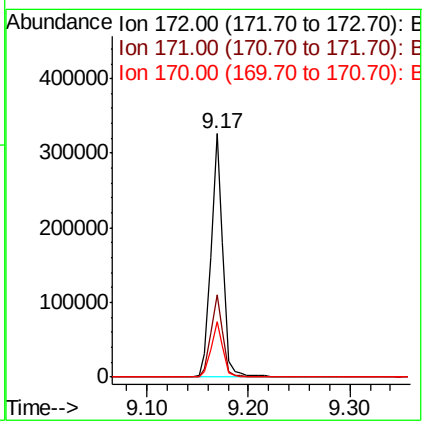


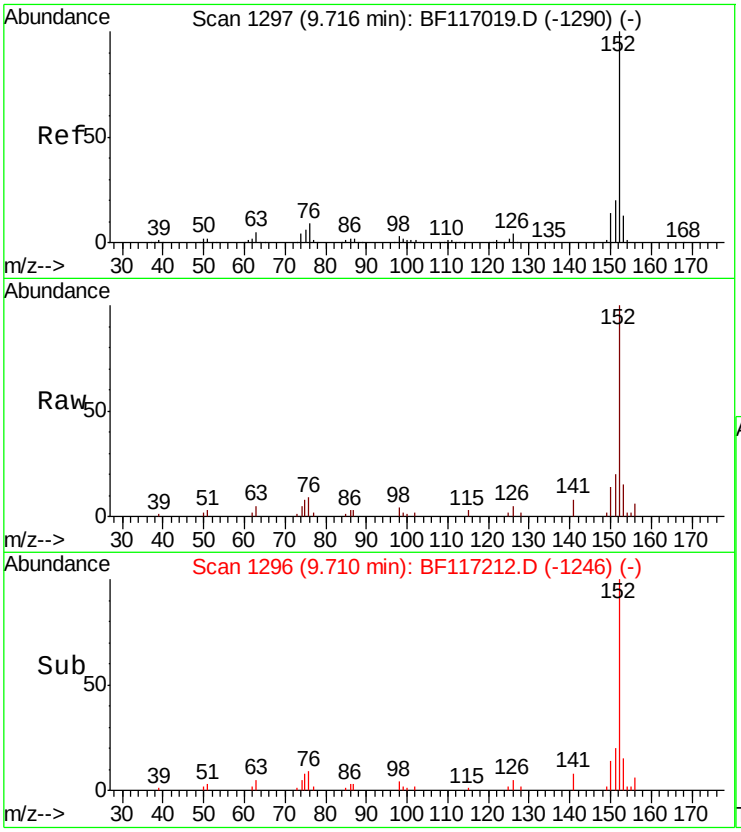


#45
2-Fluorobiphenyl
Concen: 78.085 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:172 Resp: 266695

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.2	42.2
170	22.5	18.9	28.3

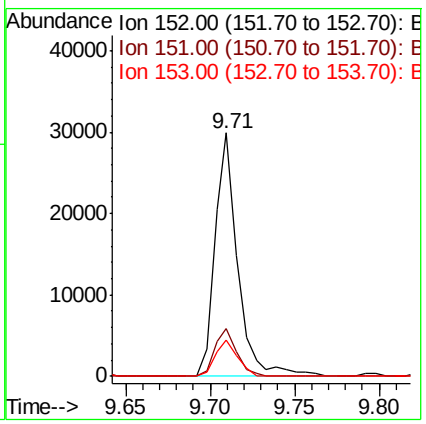




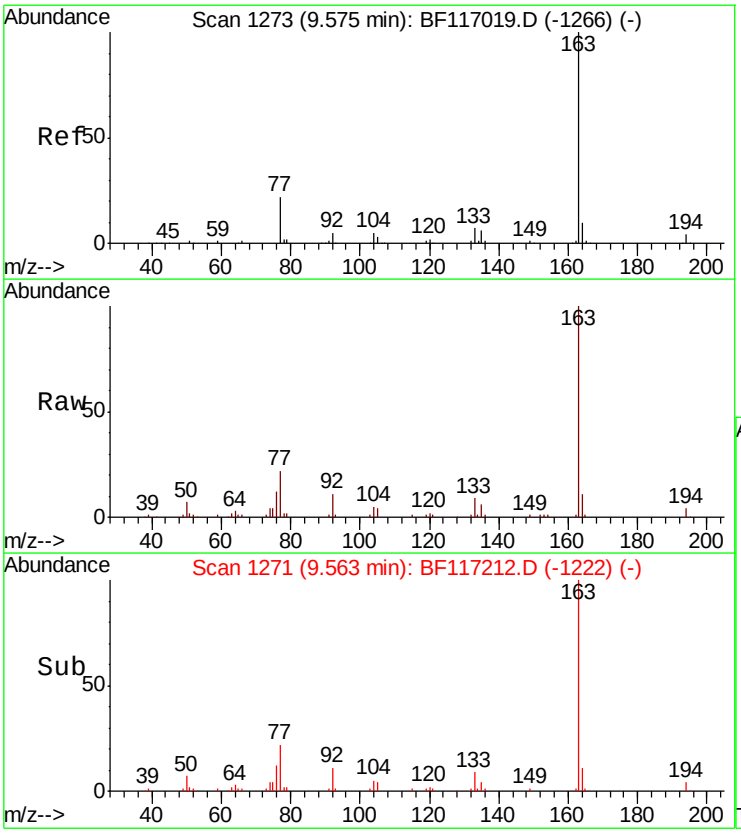
#49
Acenaphthylene
Concen: 5.644 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:152 Resp: 27954

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	15.0	10.2	15.4



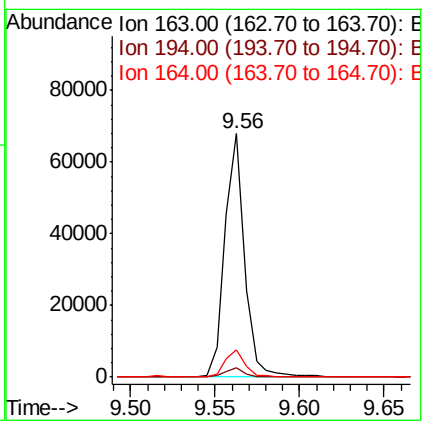
Instrument :
BNA_F
ClientSampleId :

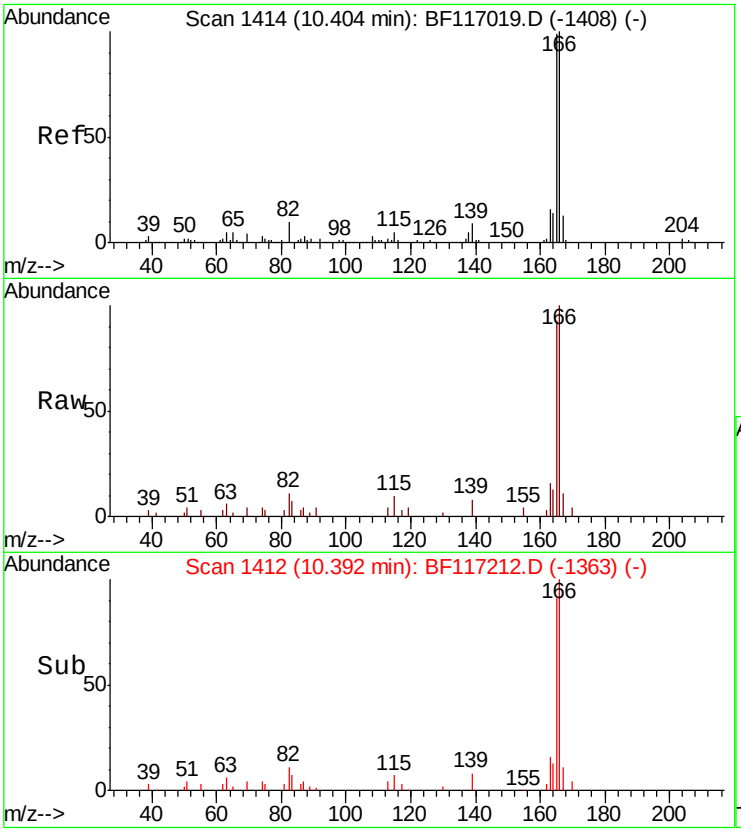


#50
Dimethylphthalate
Concen: 14.624 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:163 Resp: 55298

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	11.1	8.2	12.4



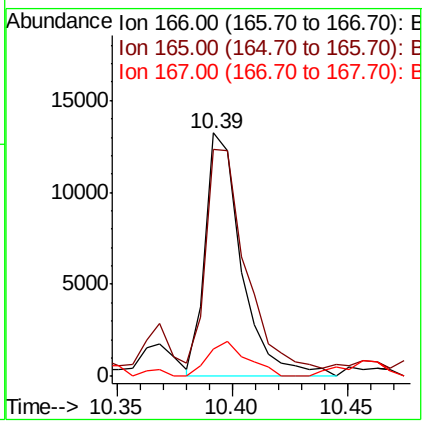


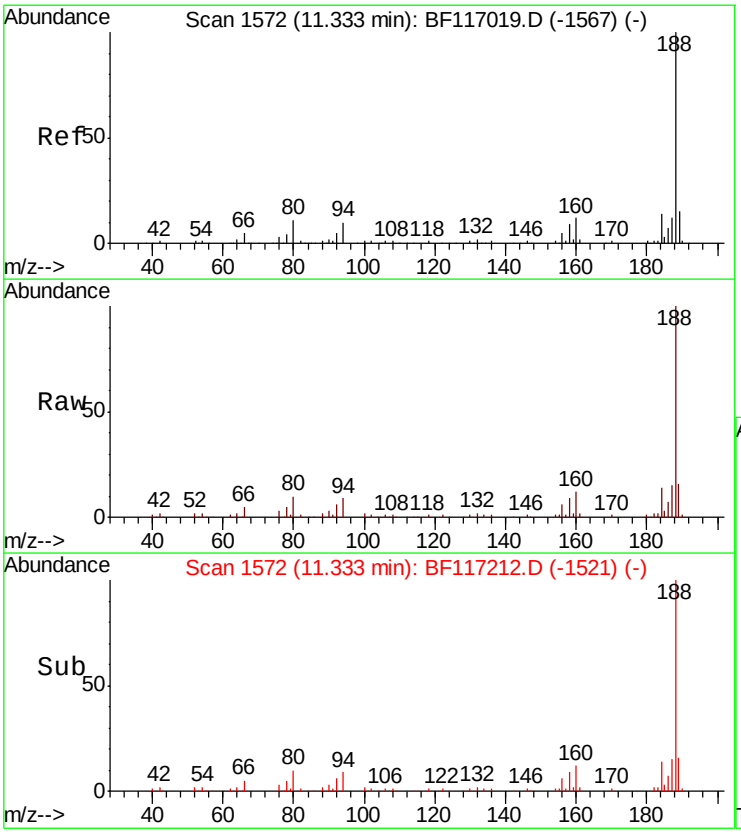
#58
Fluorene
Concen: 4.151 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 14482

Ion	Ratio	Lower	Upper
166	100		
165	93.1	78.9	118.3
167	11.3	10.6	15.8

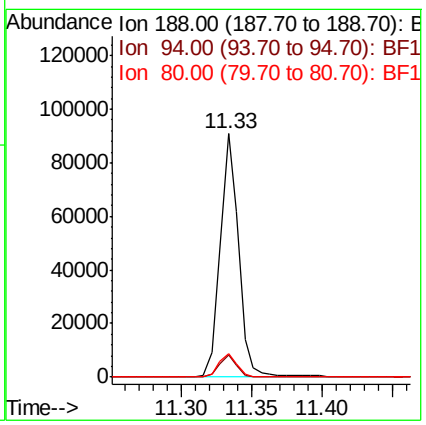


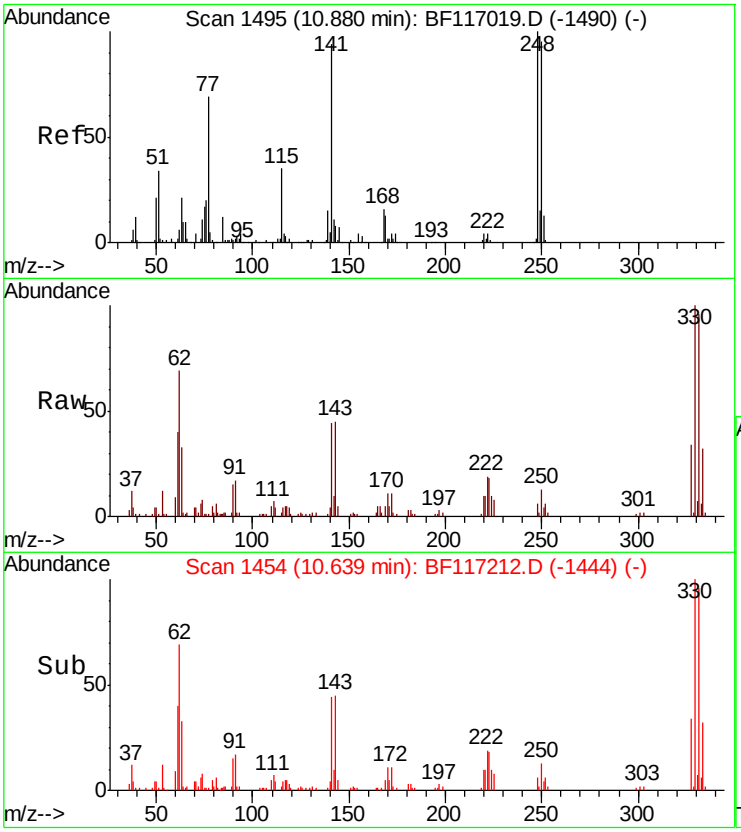


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:188 Resp: 82752

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.7	9.0	13.6



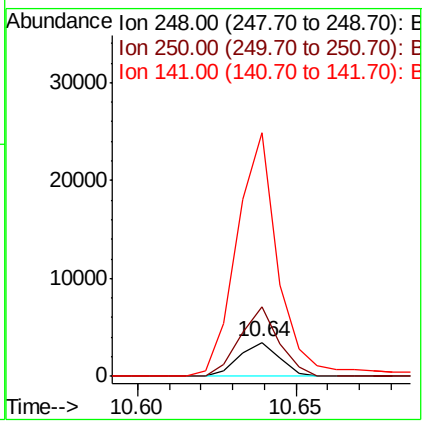


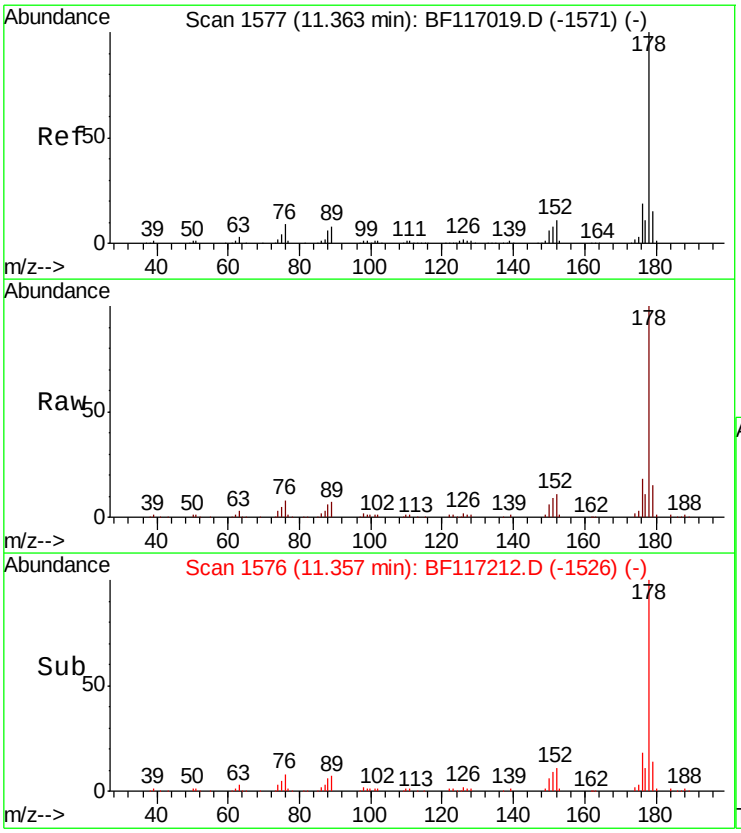
#67
4-Bromophenyl-phenylether
Concen: 3.579 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 3025

Ion	Ratio	Lower	Upper
248	100		
250	202.1	76.2	114.4#
141	713.7	75.0	112.4#

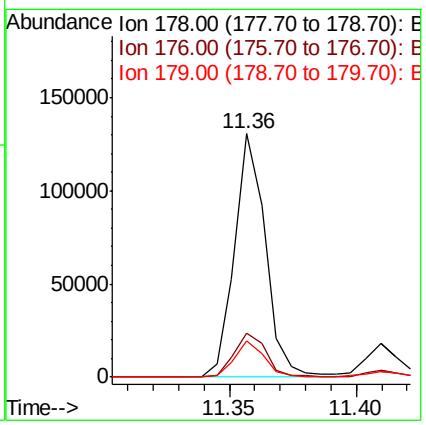


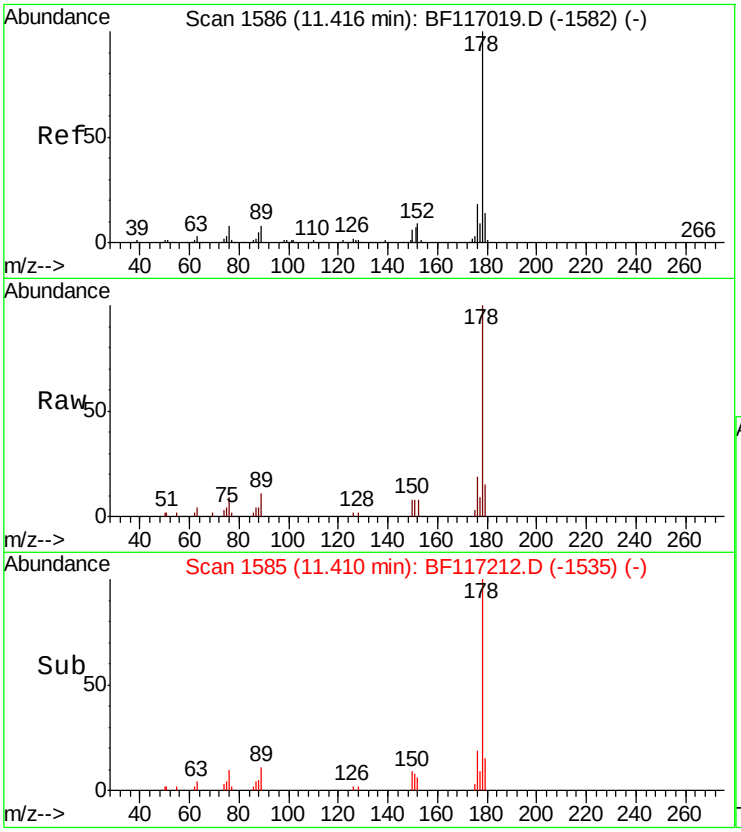


#71
Phenanthrene
Concen: 23.595 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:178 Resp: 110904

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	14.7	12.4	18.6



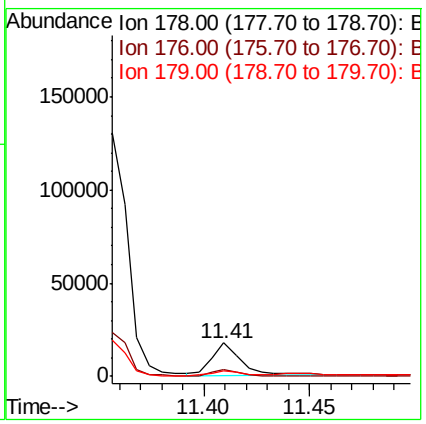


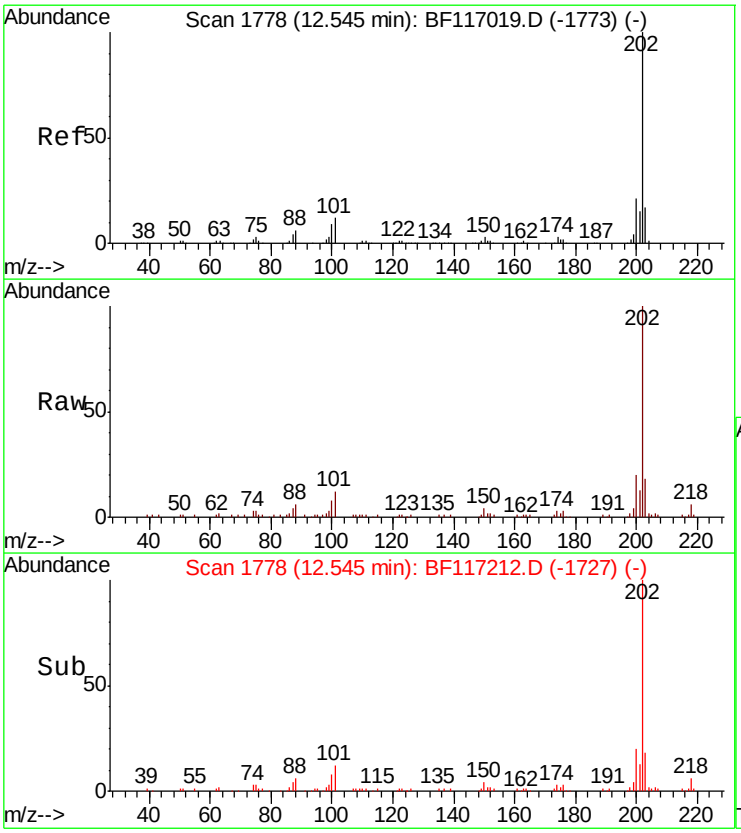
#72
Anthracene
Concen: 3.779 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 18133

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	14.8	11.6	17.4

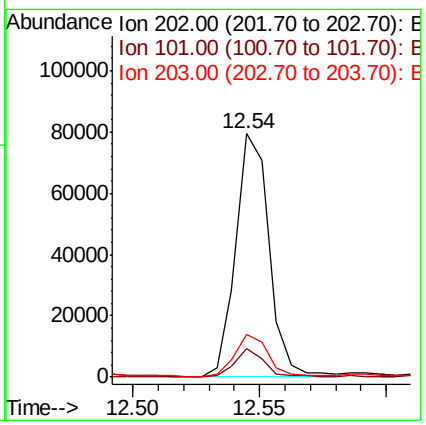


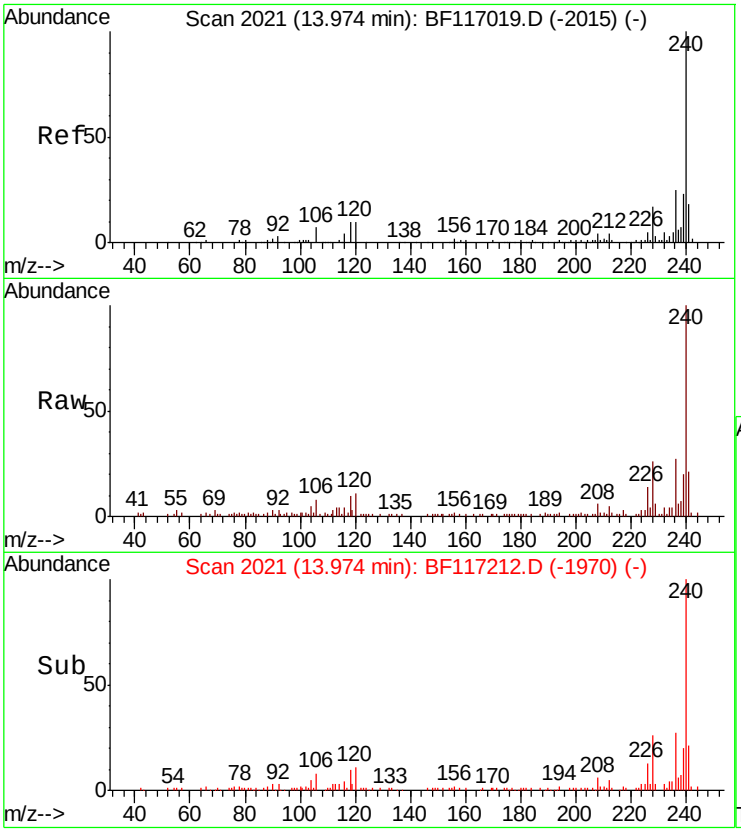


#75
Fluoranthene
Concen: 15.144 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:202 Resp: 73137

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.3
203	17.7	0.0	37.1



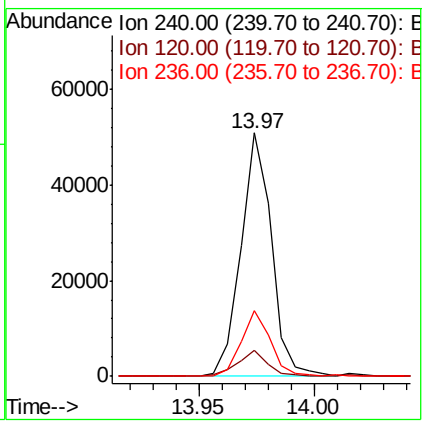


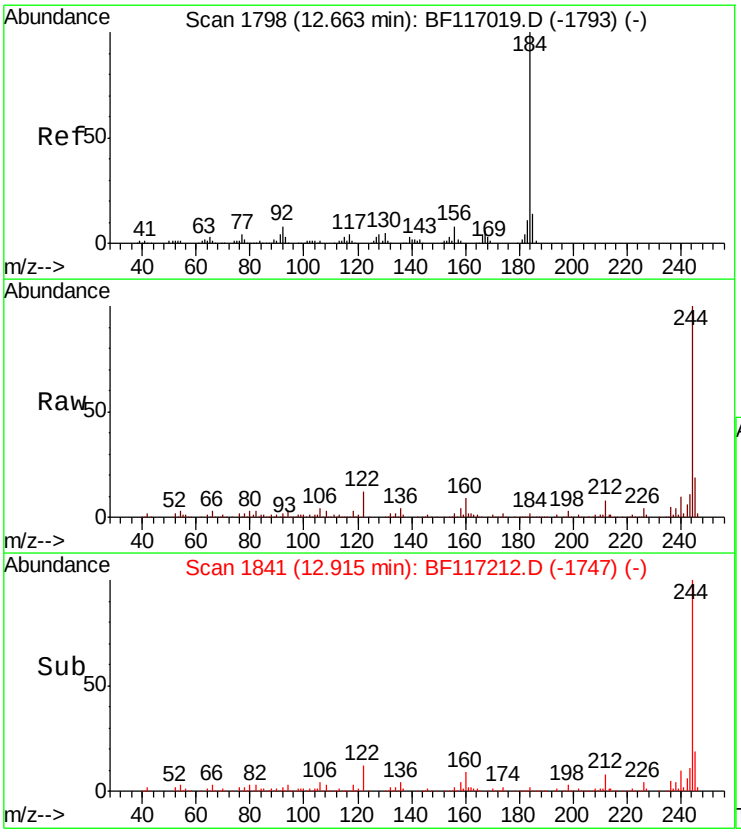
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 47255

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	27.0	20.3	30.5

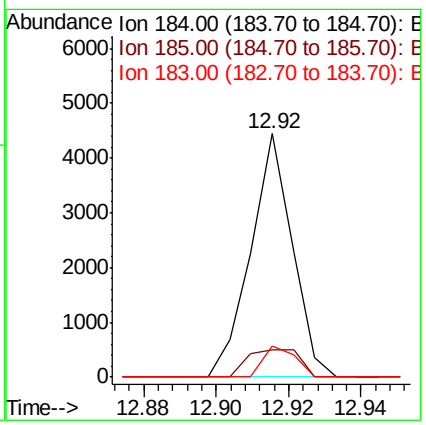


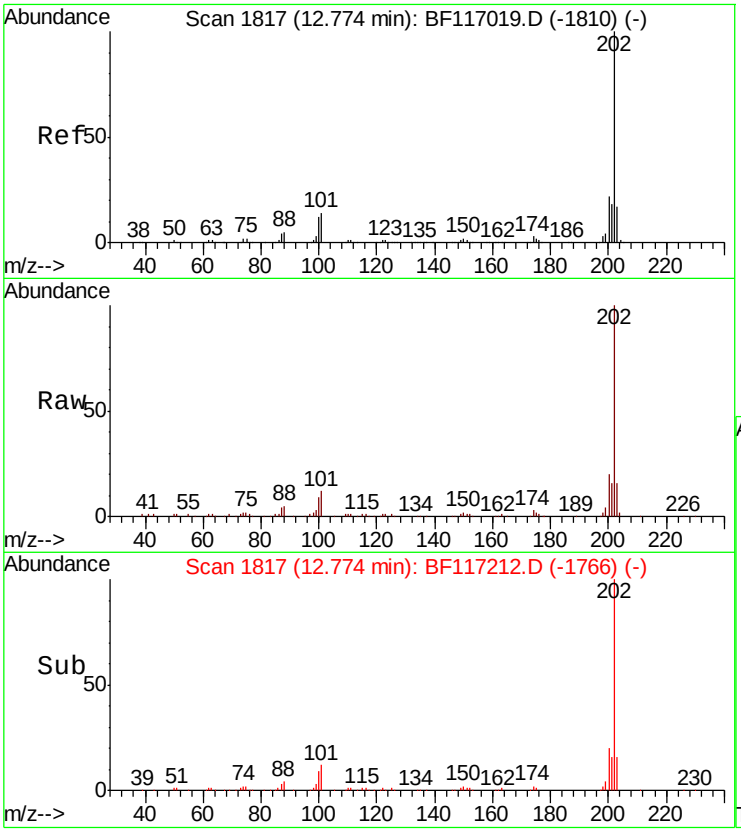


#77
Benzidine
Concen: 2.322 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:184 Resp: 3535

Ion	Ratio	Lower	Upper
184	100		
185	11.4	11.6	17.4#
183	13.0	9.0	13.4



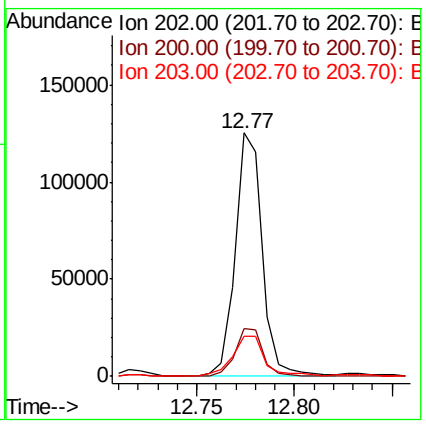


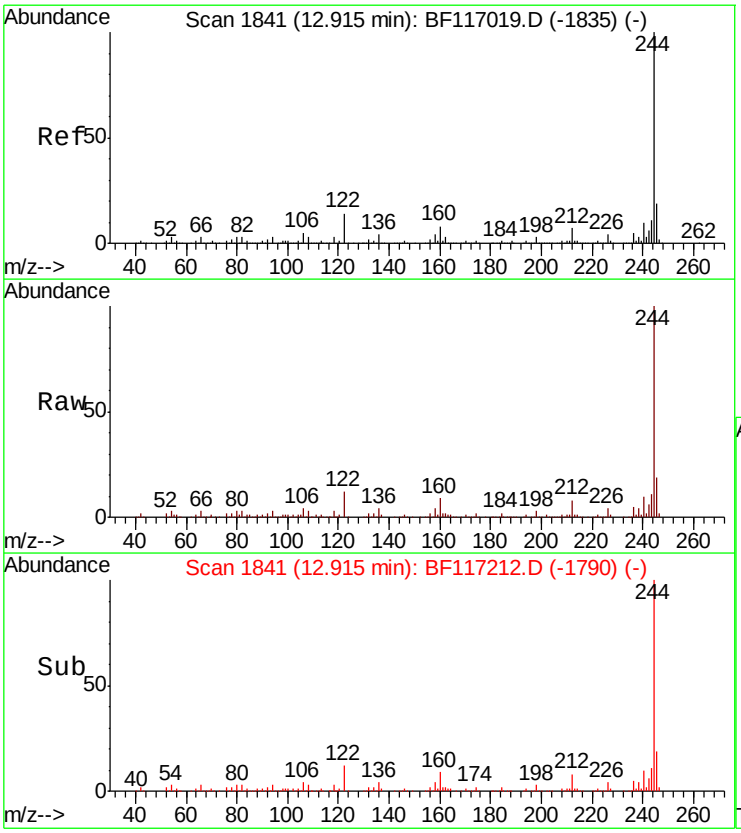
#78
Pyrene
Concen: 29.808 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 118192

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.2	25.8
203	16.5	14.0	21.0

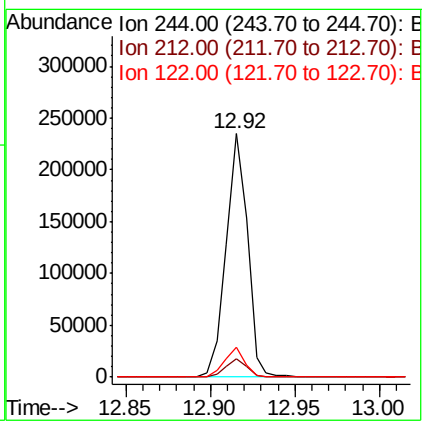


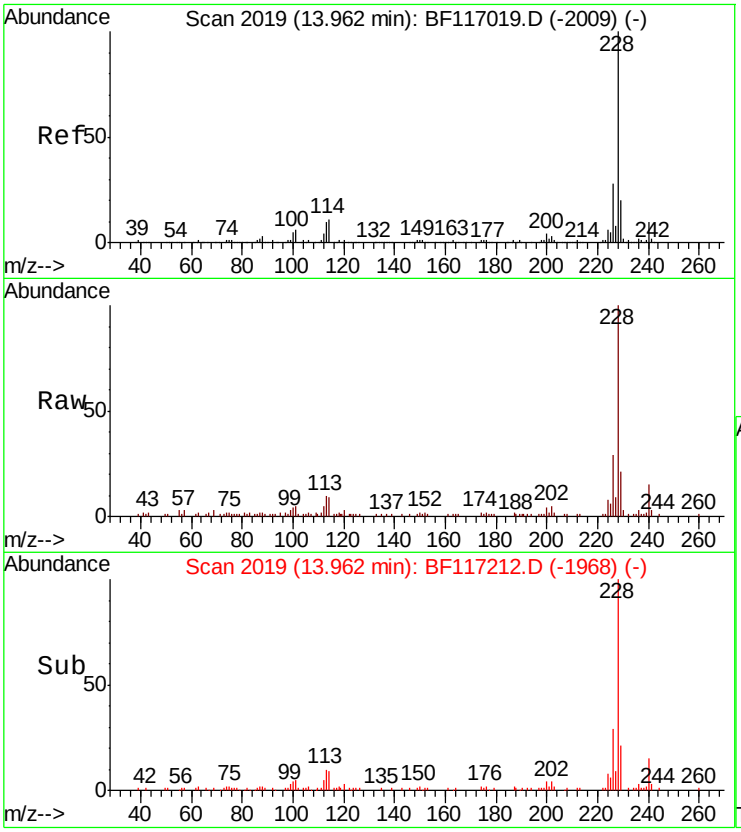


#79
Terphenyl-d14
Concen: 81.640 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:244 Resp: 206390

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	12.2	11.3	16.9



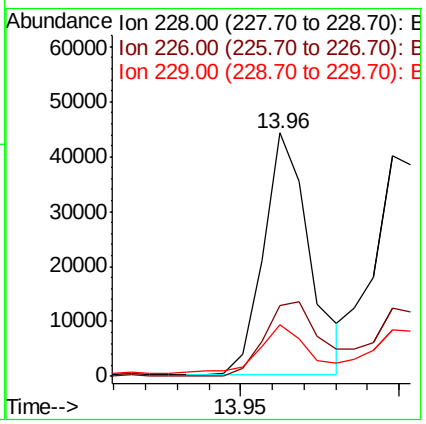


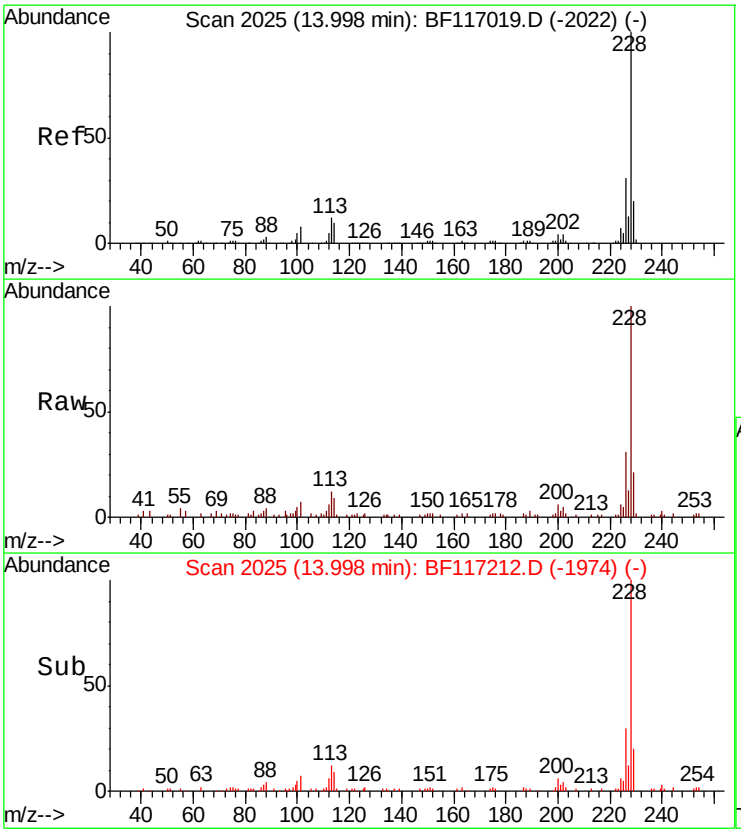
#81
Benzo(a)anthracene
Concen: 14.124 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 44593

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.3	33.5
229	21.4	15.9	23.9

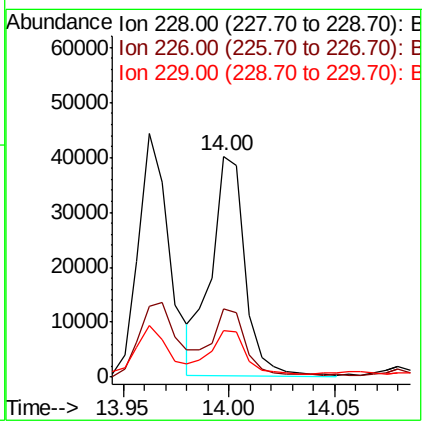


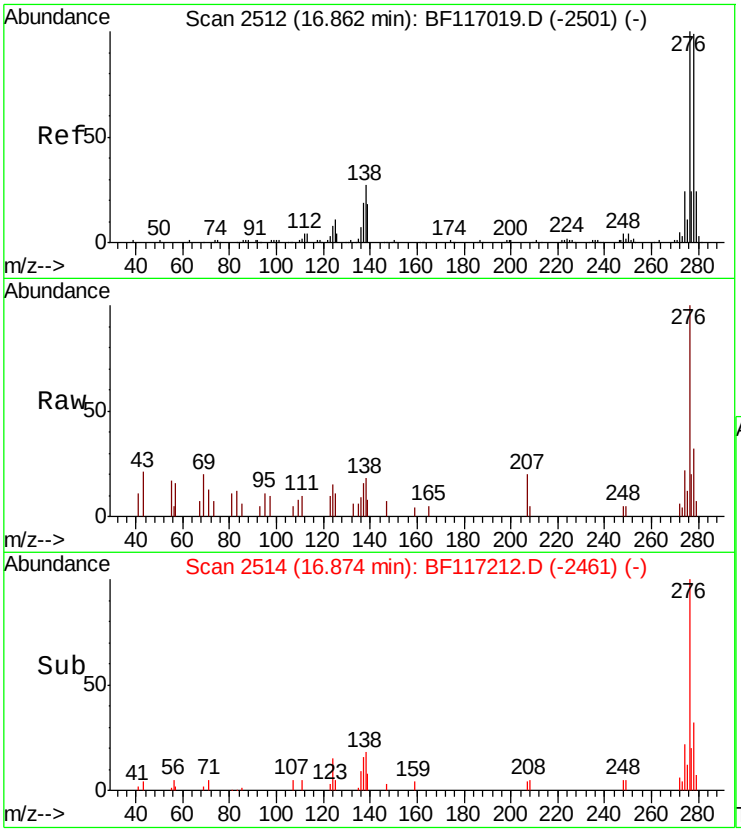


#83
Chrysene
Concen: 14.551 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:228 Resp: 44806

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	20.9	15.8	23.8



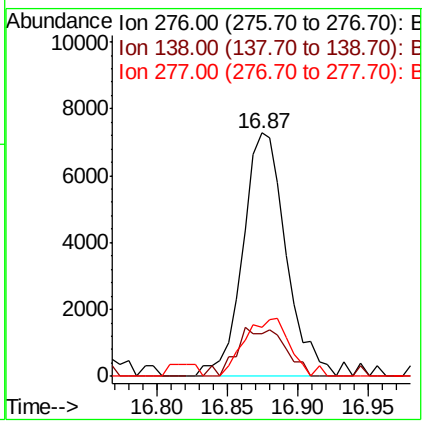


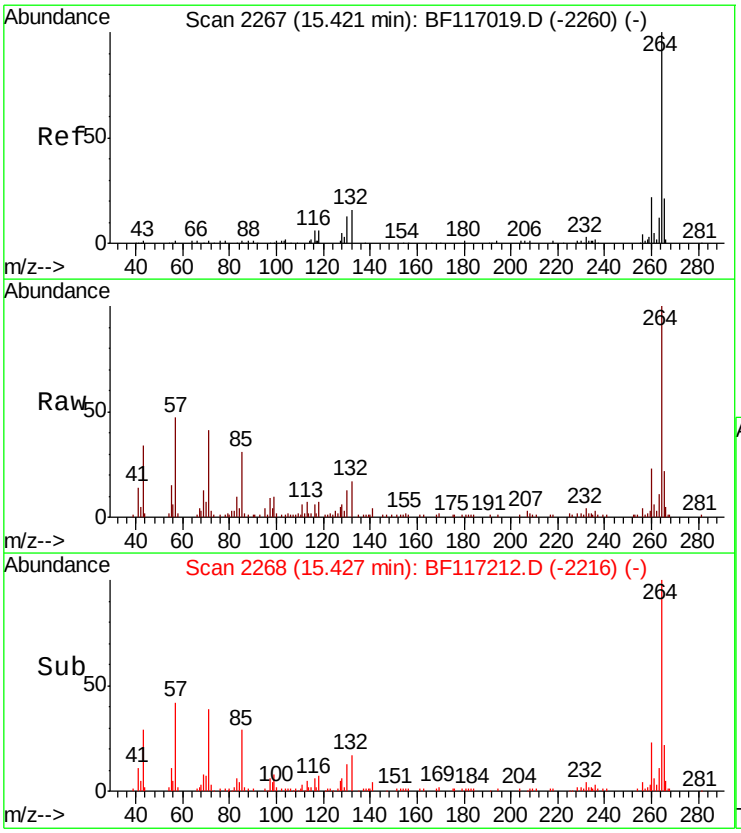
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.961 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 15637

Ion	Ratio	Lower	Upper
276	100		
138	0.0	20.7	31.1#
277	24.8	19.8	29.8

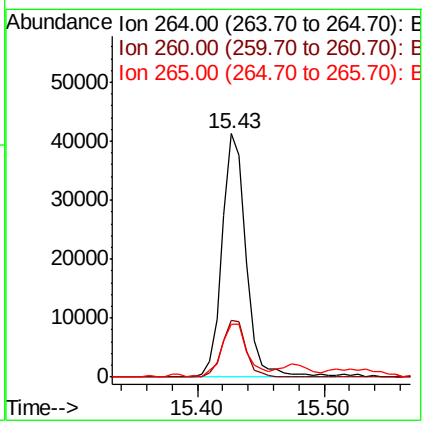


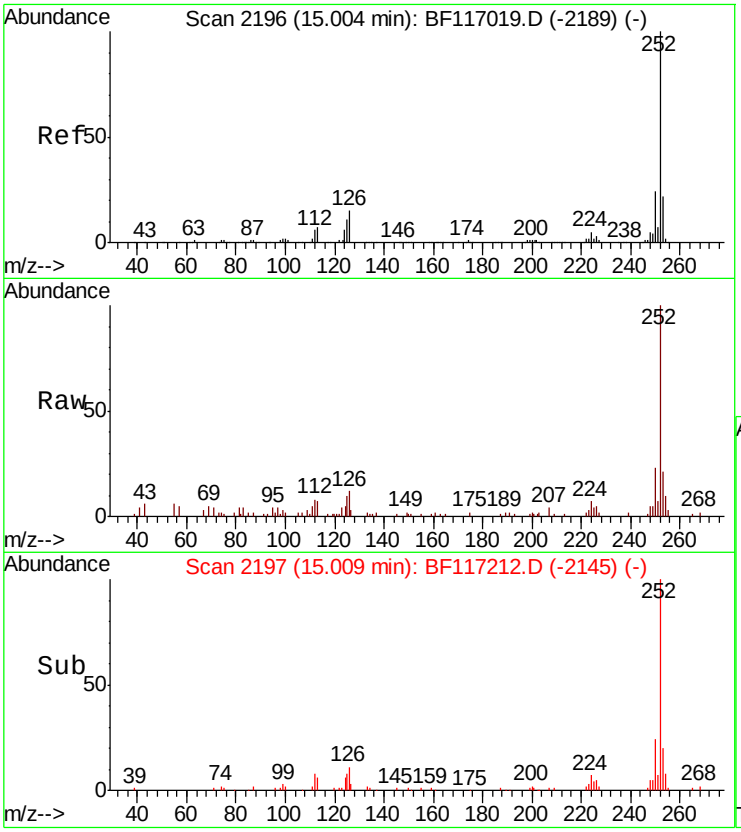


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:264 Resp: 53973

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.6	26.4
265	21.6	16.6	24.8



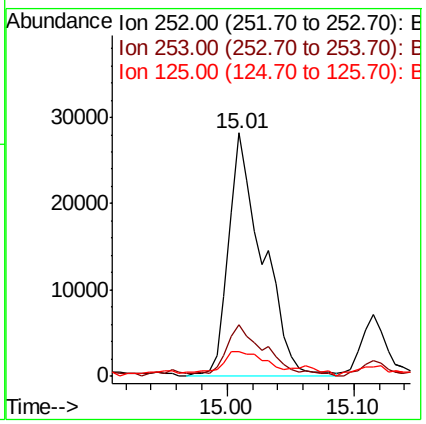


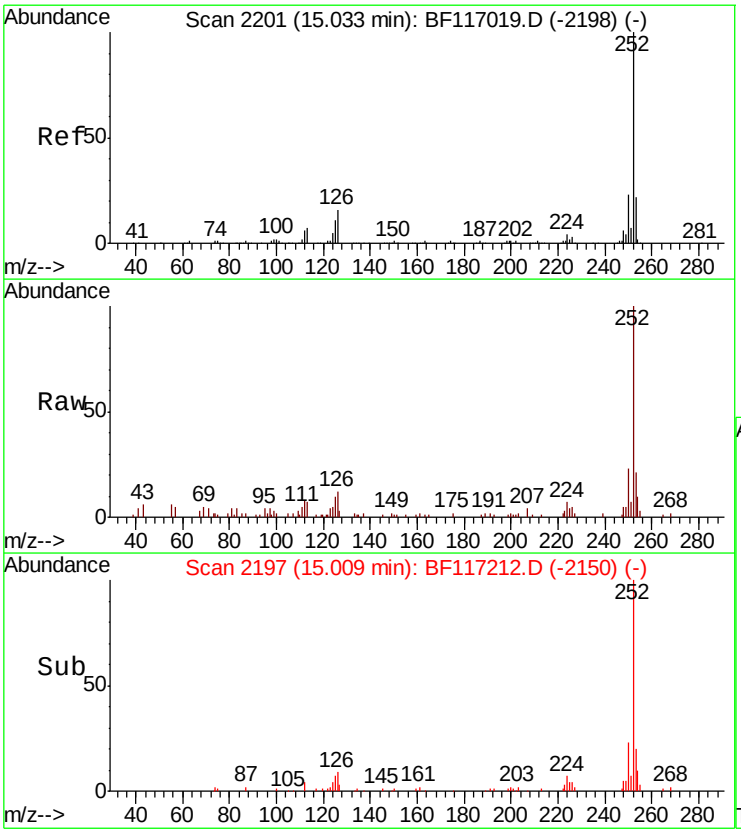
#88
Benzo(b)fluoranthene
Concen: 16.024 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 52389

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.6	26.4
125	9.9	8.6	12.8

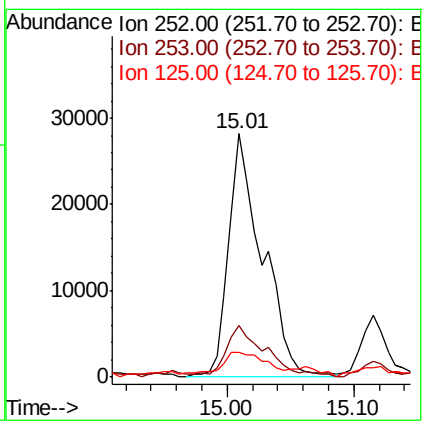


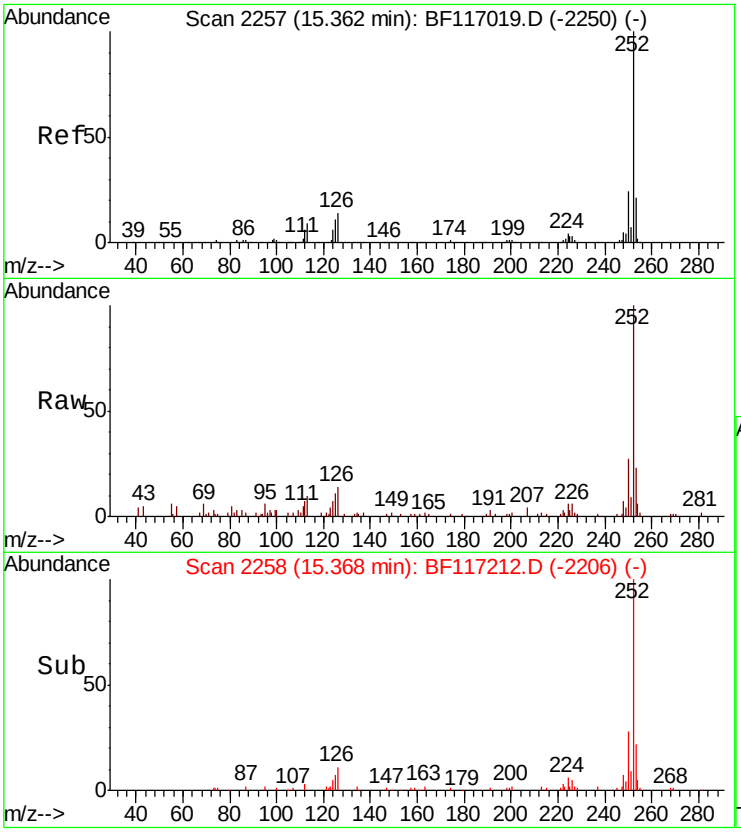


#89
Benzo(k)fluoranthene
Concen: 16.916 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:252 Resp: 52389

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.2
125	9.9	8.8	13.2



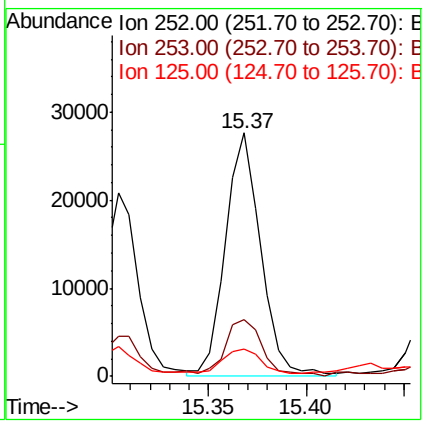


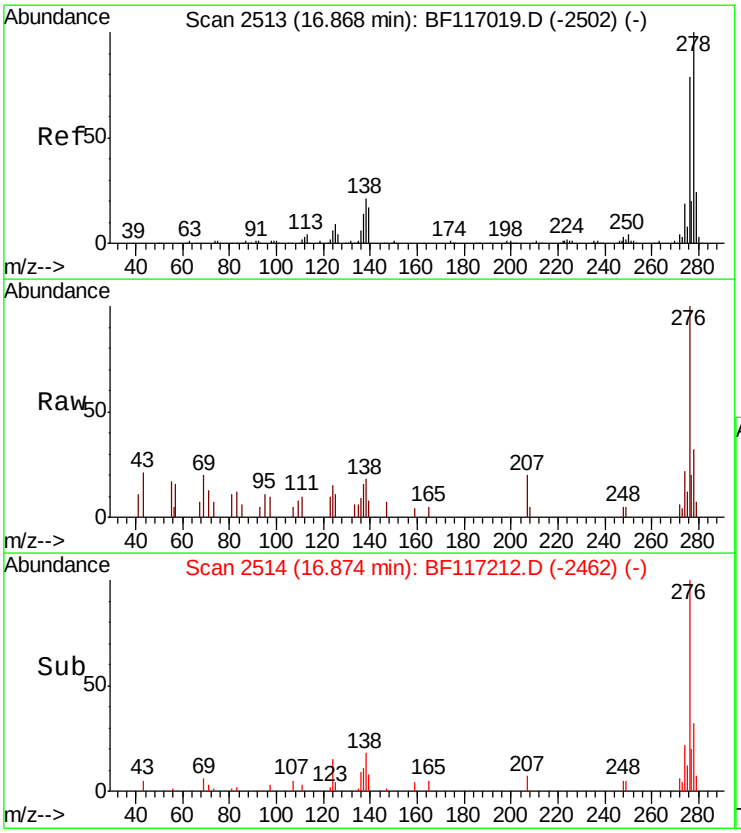
#90
Benzo(a)pyrene
Concen: 12.152 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 34864

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.6	25.0
125	11.2	8.9	13.3

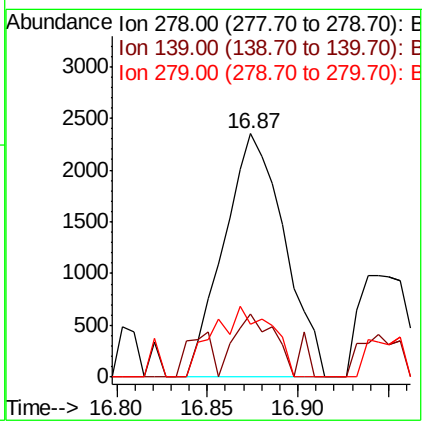


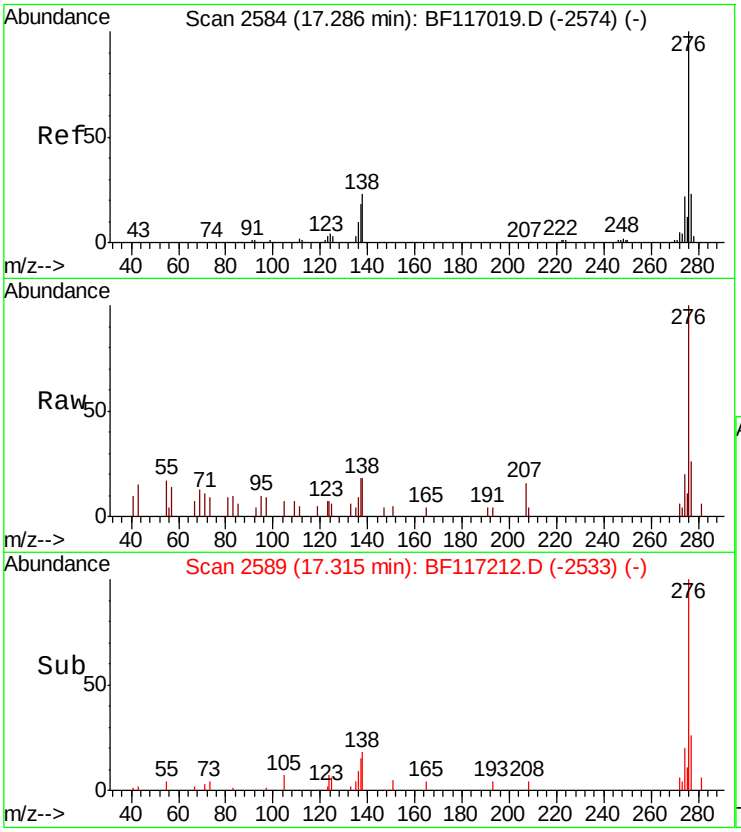


#91
Dibenzo(a,h)anthracene
Concen: 2.396 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Tgt Ion:278 Resp: 5477

Ion	Ratio	Lower	Upper
278	100		
139	26.1	13.5	20.3#
279	21.8	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 6.883 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.03 min
Lab File: BF117212.D
Acq: 23 Sep 2019 18:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 15675

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.6	27.8
138	18.3	18.0	27.0