Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117874.D
Acq On : 19 Nov 2019 21:58
Operator : JU
Sample : K5864-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 20 00:33:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	204490	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	737470	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	330587	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	495941	20.00	ng		0.00
76) Chrysene-d12	14.11	240	398923	20.00	ng		0.00
87) Perylene-d12	15.62	264	323744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1073783	92.95	ng		0.00
7) Phenol-d6	6.54	99	1392067	99.90	ng		0.00
23) Nitrobenzene-d5	7.47	82	833273	67.17	ng		-0.02
42) 2,4,6-Tribromophenol	10.76	330	278600	79.60	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	1332869	72.33	ng		0.00
79) Terphenyl-d14	13.05	244	1172171	53.70	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	3078	Below Cal		#	1
10) Phenol	6.55	94	75189	5.193	ng		93
18) Hexachloroethane	7.45	117	42316	7.722	ng	#	1
35) Caprolactam	8.63	113	63073	18.902	ng	#	46
37) 2-Methylnaphthalene	8.92	142	53534	2.305	ng		96
38) 1-Methylnaphthalene	9.02	142	200697	9.139	ng	#	97
49) Acenaphthylene	9.83	152	67953	2.310	ng	#	55
50) Dimethylphthalate	9.67	163	143987	6.211	ng	#	90
52) Acenaphthene	10.00	154	63475	3.368	ng	#	82
54) 2,4-Dinitrophenol	10.00	184	682	7.463	ng	#	1
56) 4-Nitrophenol	10.07	139	25145	5.557	ng	#	38
58) Fluorene	10.52	166	153838	7.608	ng	#	93
66) n-Nitrosodiphenylamine	10.63	169	142404	9.866	ng	#	54
71) Phenanthrene	11.49	178	571643	22.926	ng		97
72) Anthracene	11.49	178	571643	23.123	ng		98
73) Carbazole	11.69	167	56715	2.625	ng	#	67
75) Fluoranthene	12.68	202	623675	23.947	ng		100
78) Pyrene	12.91	202	604907	18.763	ng		98
81) Benzo(a)anthracene	14.10	228	245467	9.312	ng		93
83) Chrysene	14.13	228	277671	10.870	ng		96
86) Indeno(1,2,3-cd)pyrene	17.14	276	124280	5.716	ng		94
88) Benzo(b)fluoranthene	15.17	252	395660	18.811	ng	#	94
89) Benzo(k)fluoranthene	15.17	252	395660	19.964	ng	#	92
90) Benzo(a)pyrene	15.55	252	189704	10.257	ng		97
92) Benzo(g,h,i)perylene	17.61	276	115893	7.309	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
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Acq On : 19 Nov 2019 21:58
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 20 00:33:02 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
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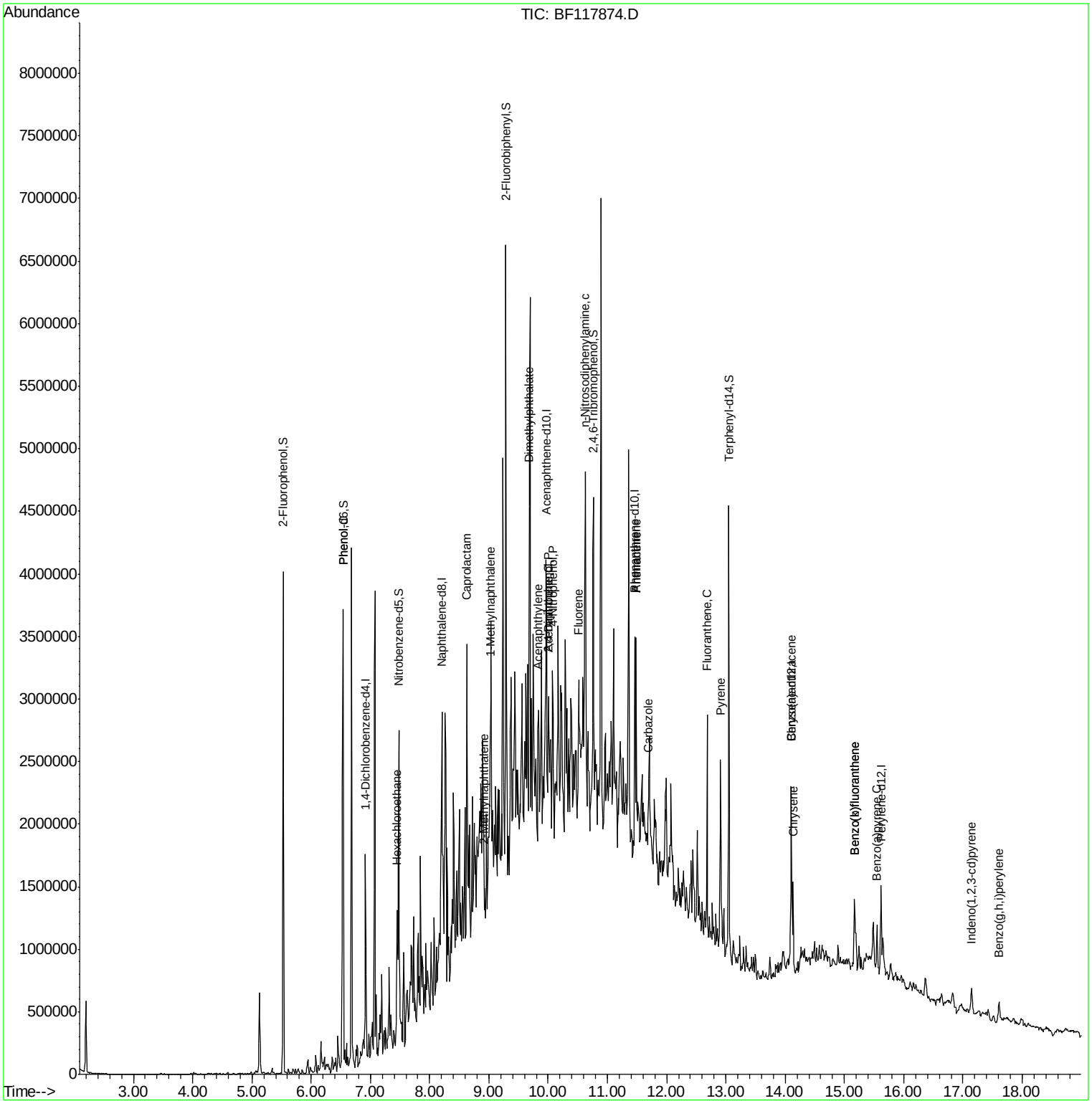
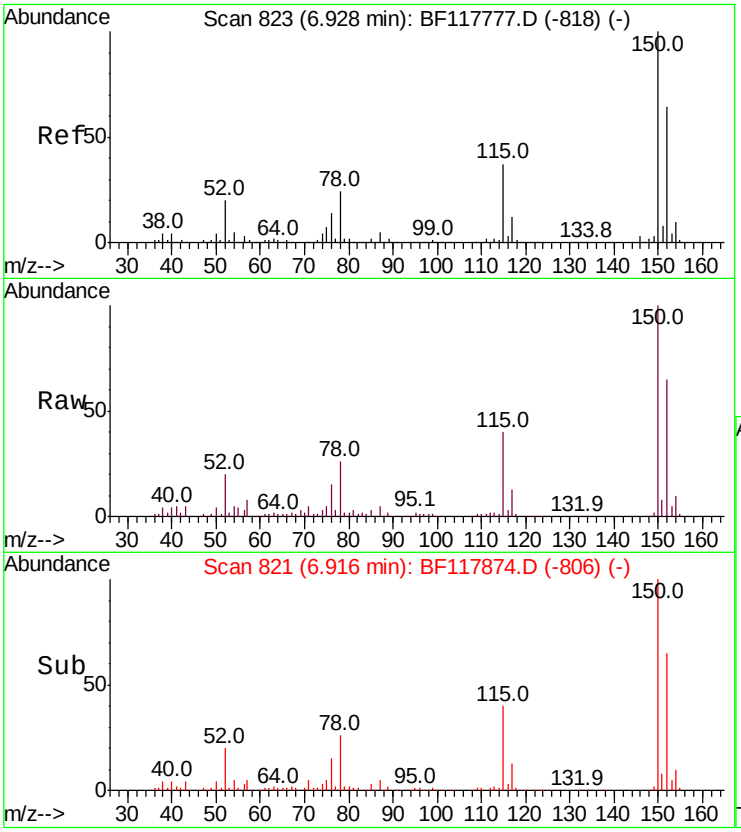
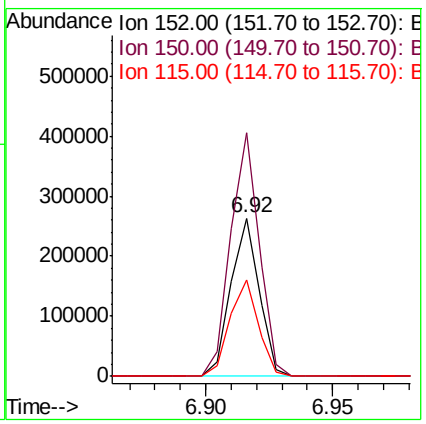




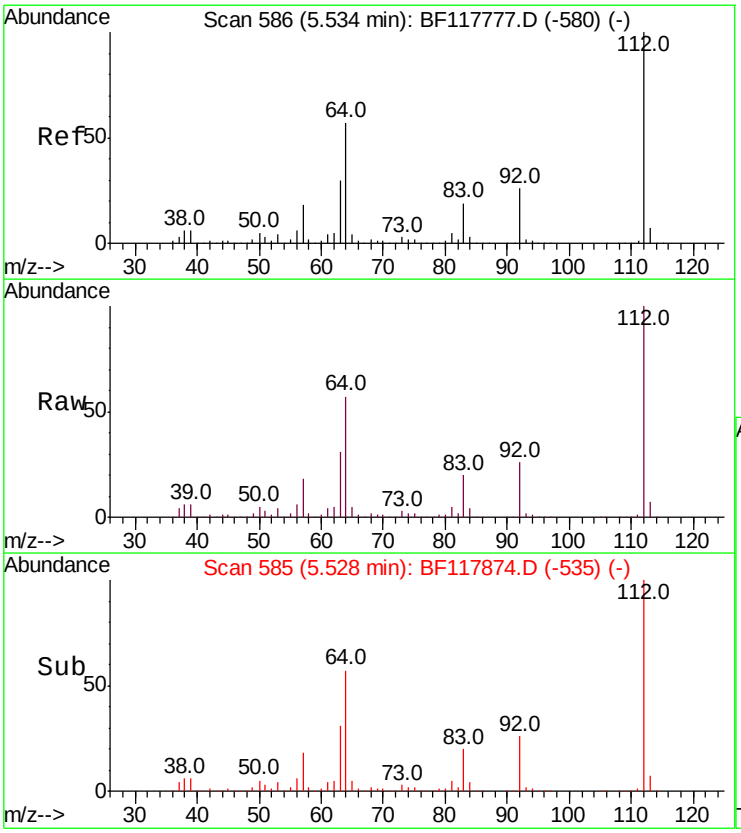
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:152 Resp: 204490

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.3	187.9
115	61.1	47.0	70.4



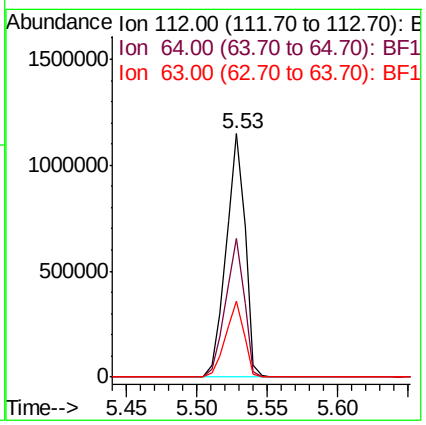
Instrument :
BNA_F
ClientSampleId :

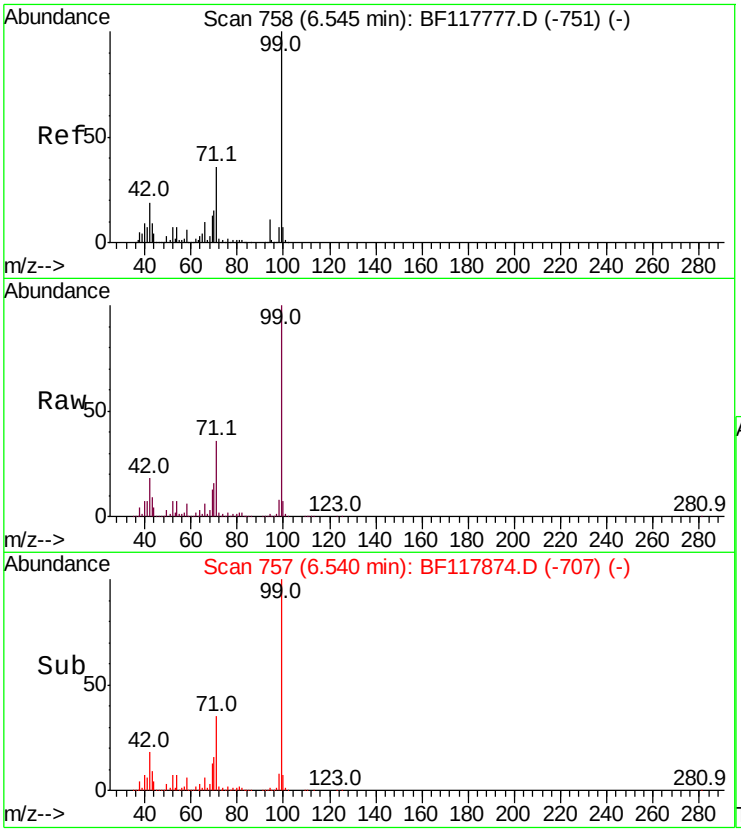


#5
2-Fluorophenol
Concen: 92.949 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:112 Resp: 1073783

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.6	68.4
63	30.9	24.1	36.1



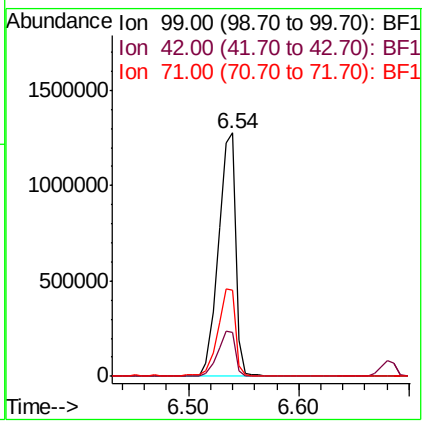


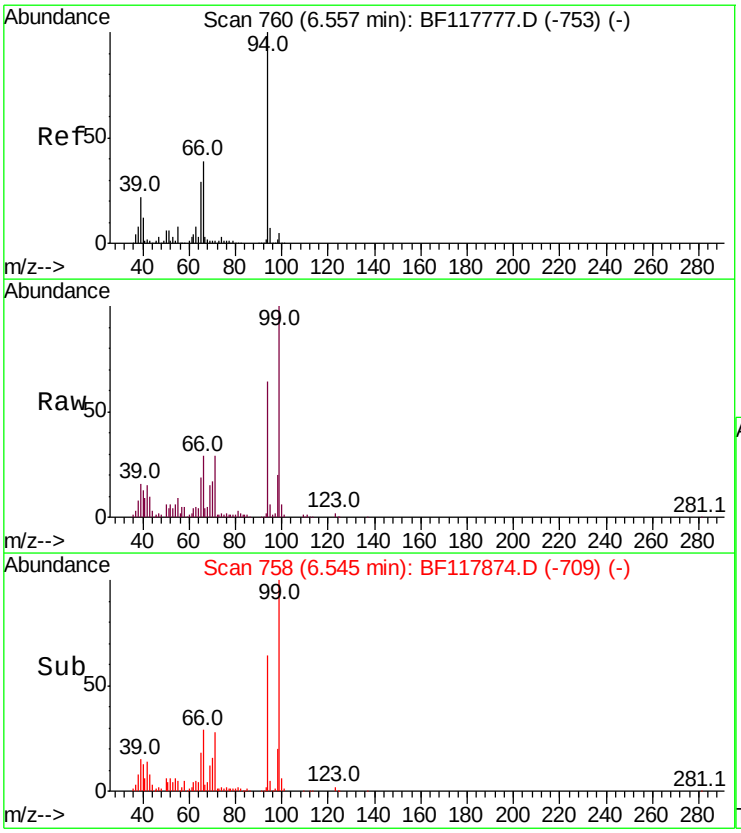
#7
Phenol-d6
Concen: 99.904 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1392067

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.9	22.3
71	35.6	28.6	43.0

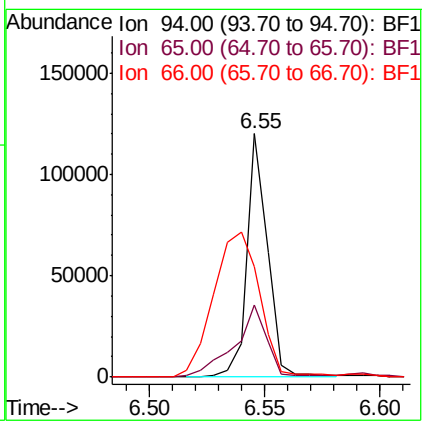


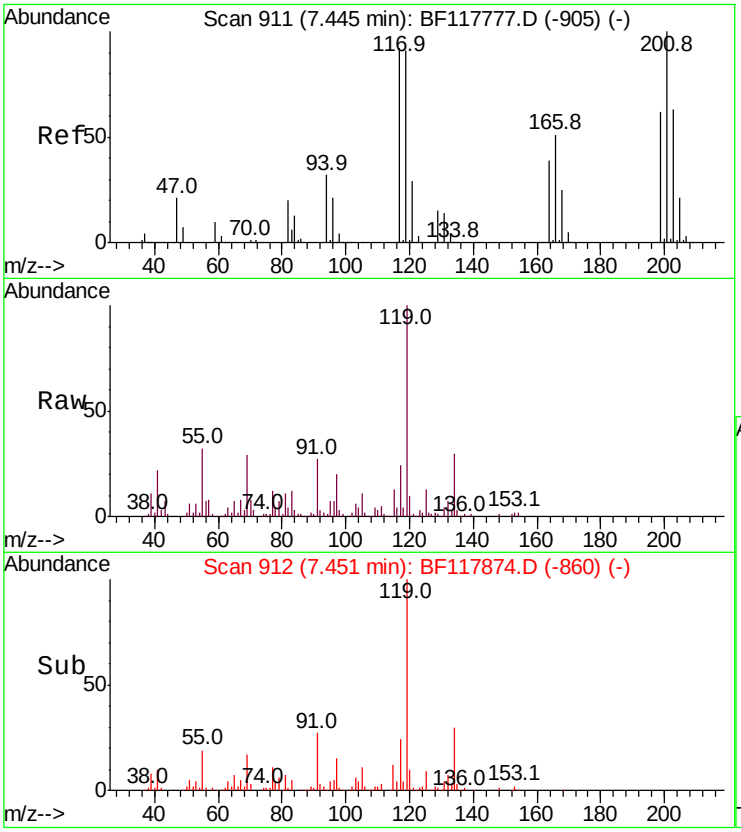


#10
Phenol
Concen: 5.193 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion: 94 Resp: 75189

Ion	Ratio	Lower	Upper
94	100		
65	29.5	8.9	48.9
66	45.4	18.7	58.7



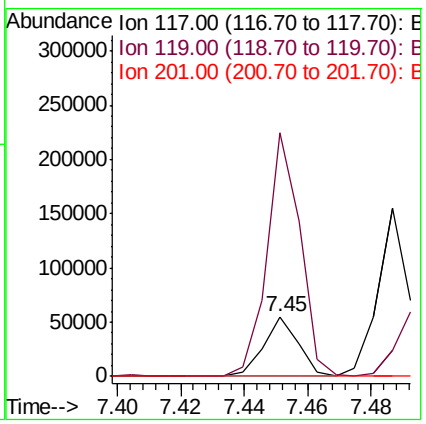


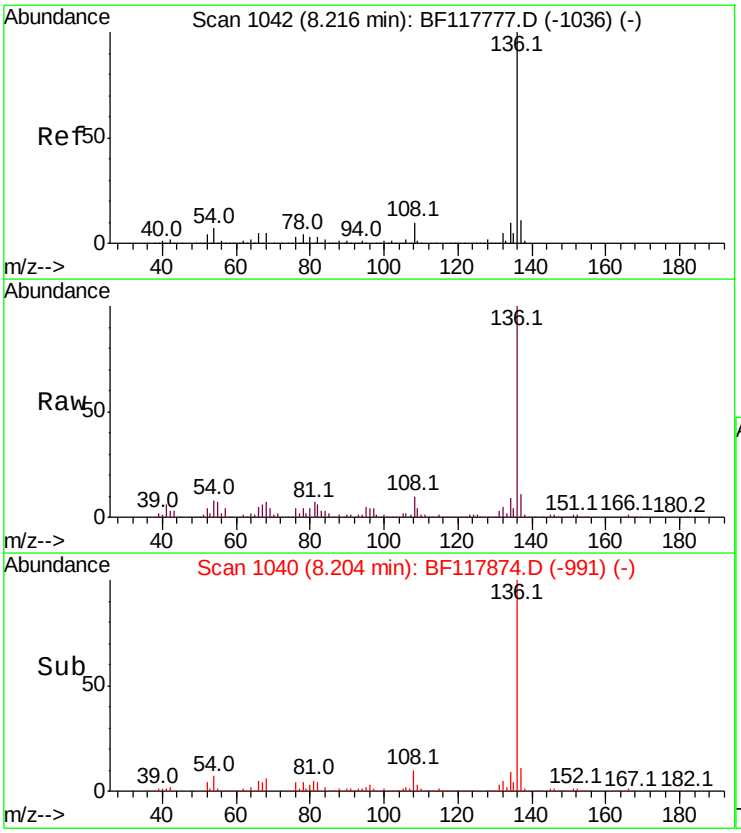
#18
Hexachloroethane
Concen: 7.722 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 42316

Ion	Ratio	Lower	Upper
117	100		
119	409.6	78.7	118.1#
201	0.0	86.5	129.7#

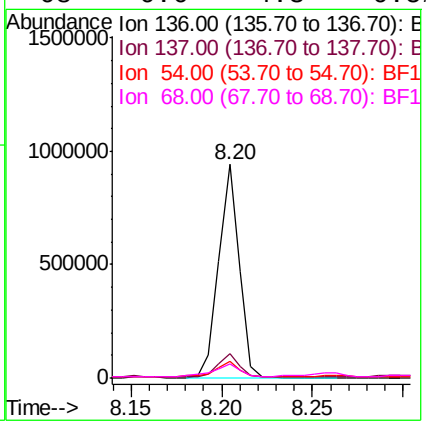


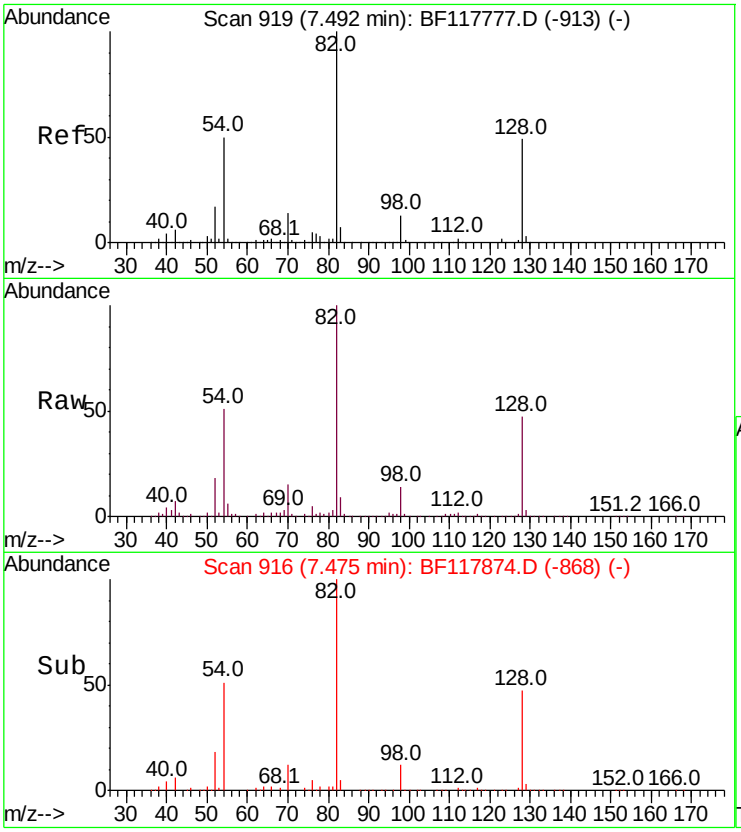


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:136 Resp: 737470

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.0	5.4	8.2
68	6.6	4.3	6.5#



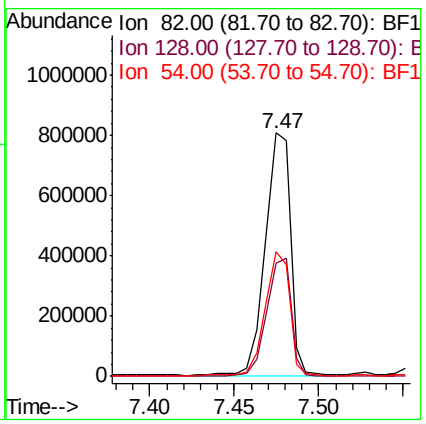


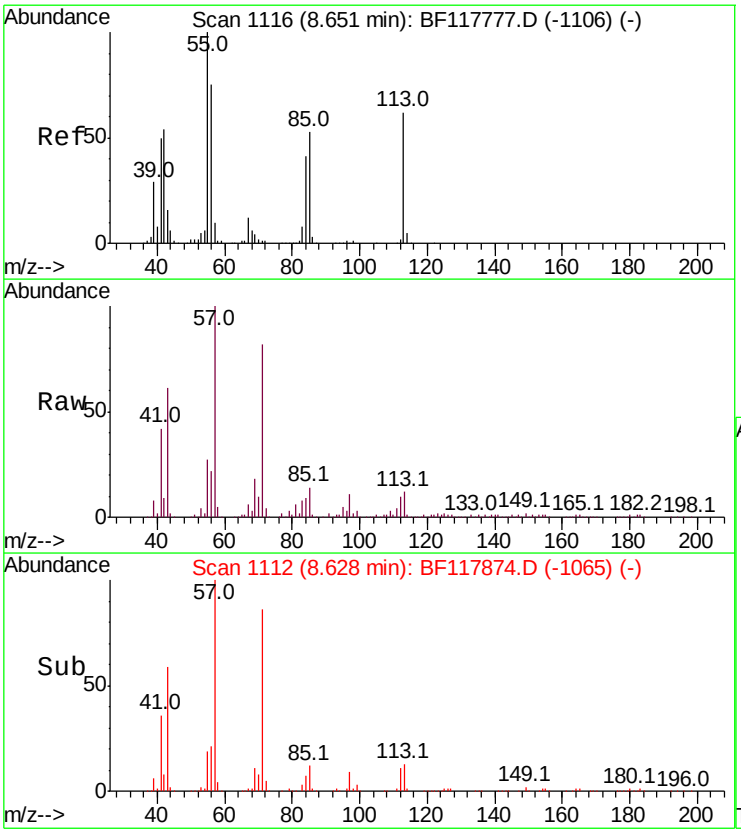
#23
Nitrobenzene-d5
Concen: 67.168 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 833273

Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.9	58.3
54	51.4	39.8	59.6

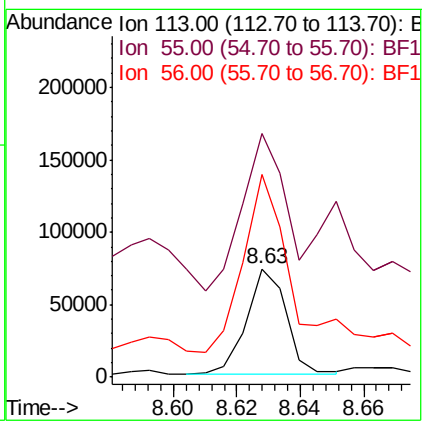


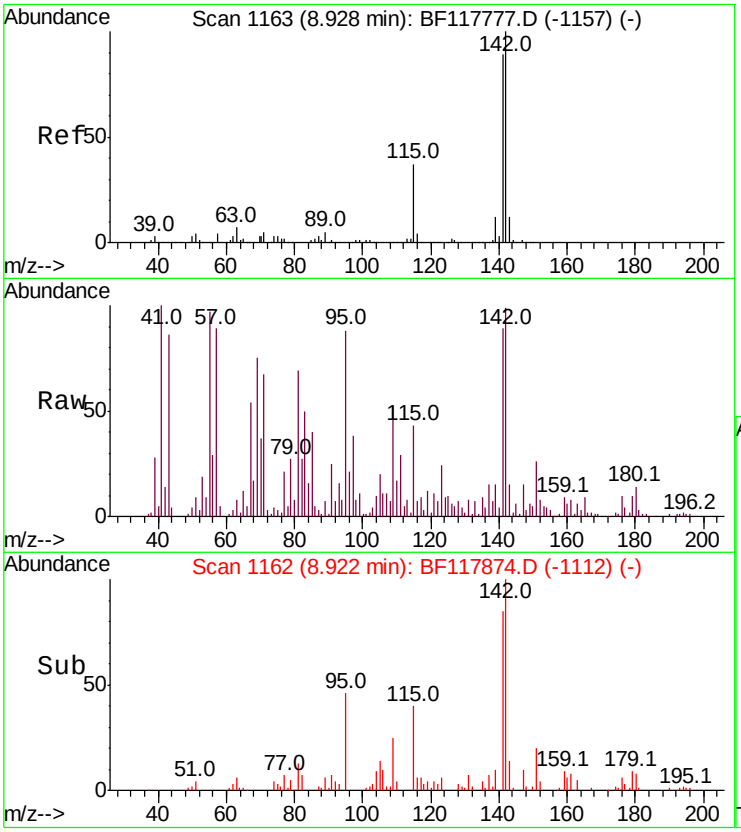


#35
Caprolactam
Concen: 18.902 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:113 Resp: 63073

Ion	Ratio	Lower	Upper
113	100		
55	225.3	141.1	181.1#
56	187.6	100.5	140.5#



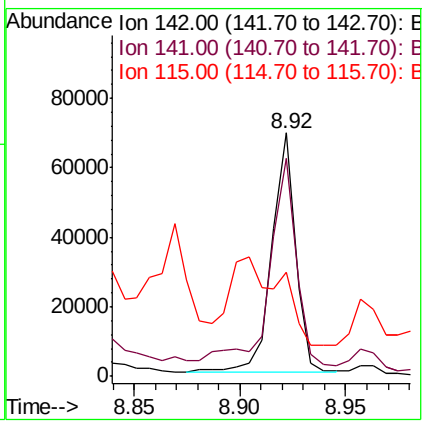


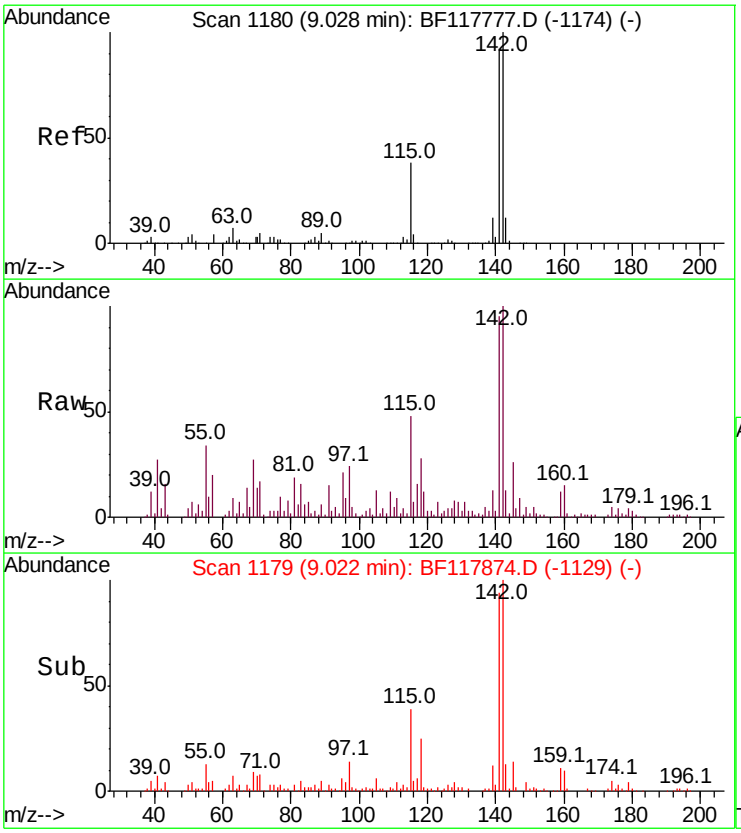
#37
2-Methylnaphthalene
Concen: 2.305 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 53534

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.1	106.7
115	43.0	29.2	43.8

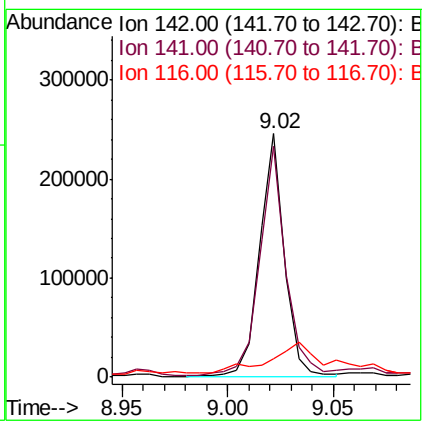


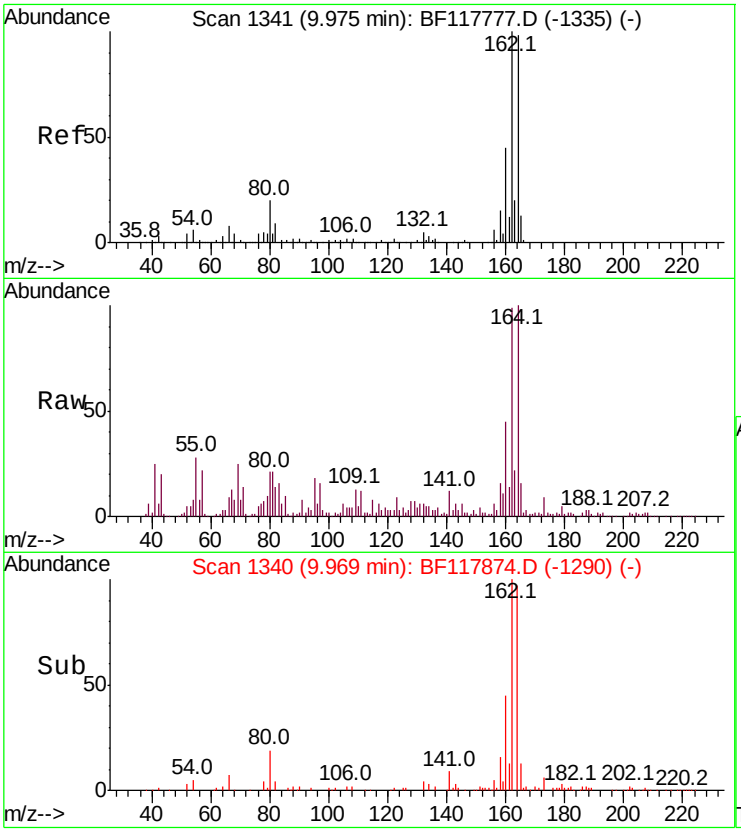


#38
1-Methylnaphthalene
Concen: 9.139 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:142 Resp: 200697

Ion	Ratio	Lower	Upper
142	100		
141	94.9	73.5	110.3
116	7.4	3.2	4.8#



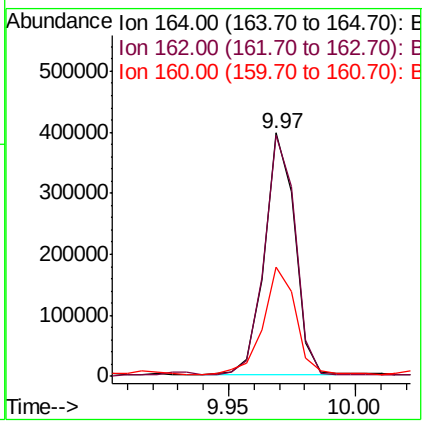


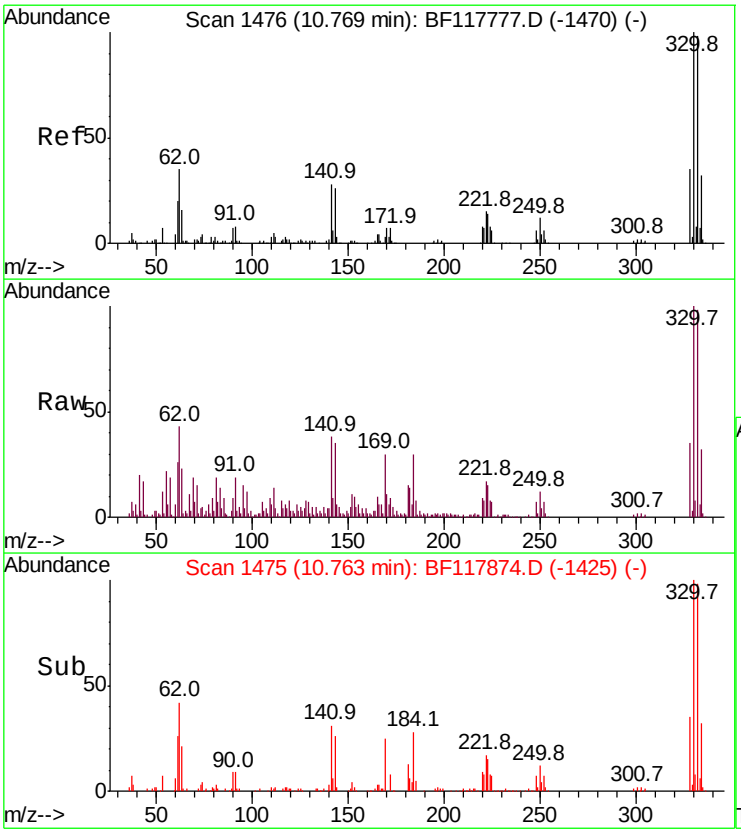
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 330587

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.3	121.9
160	44.9	36.6	55.0

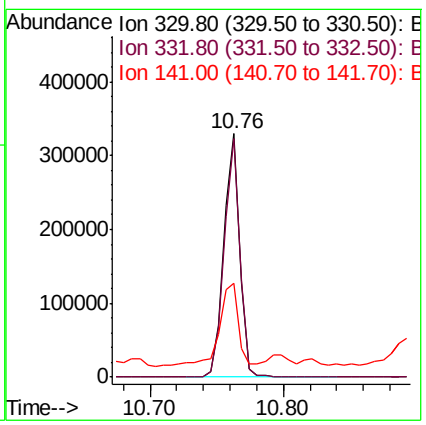


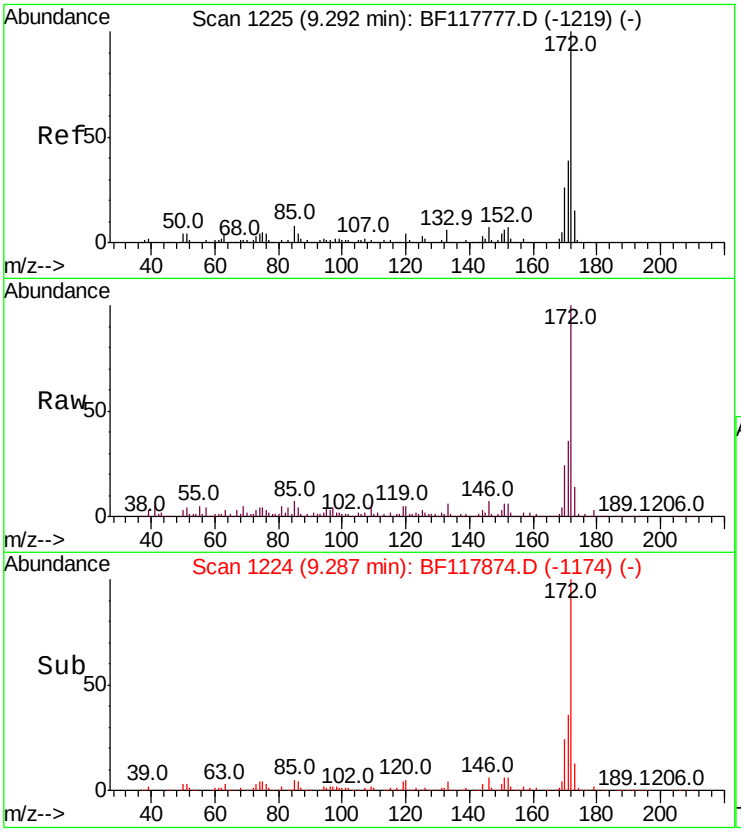


#42
2,4,6-Tribromophenol
Concen: 79.603 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:330 Resp: 278600

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.7	115.1
141	42.3	27.7	41.5#



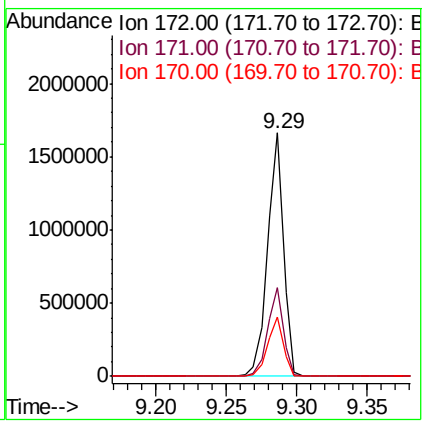


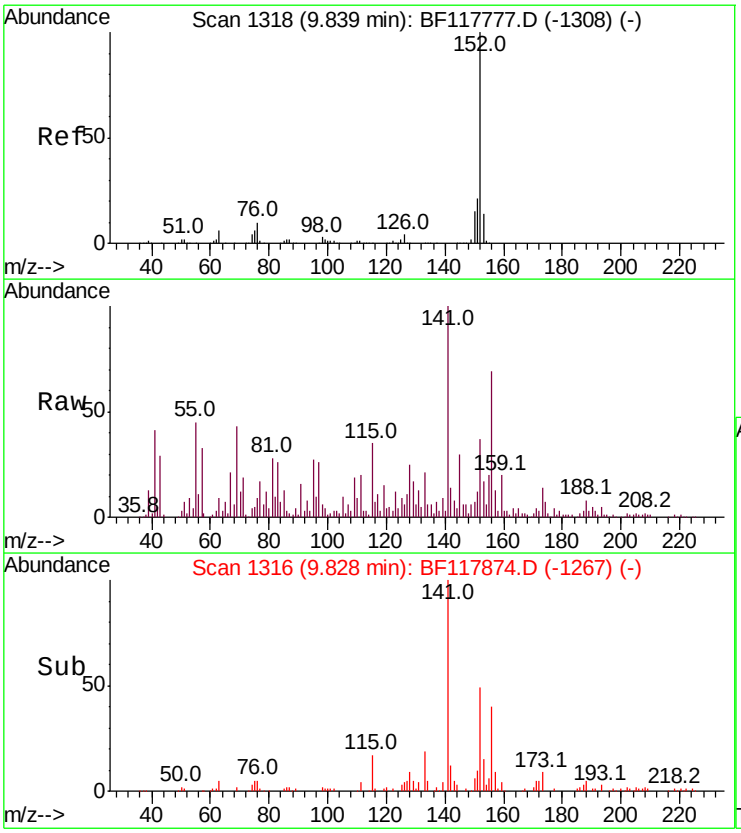
#45
2-Fluorobiphenyl
Concen: 72.332 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1332869

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.9	46.3
170	24.3	21.0	31.4

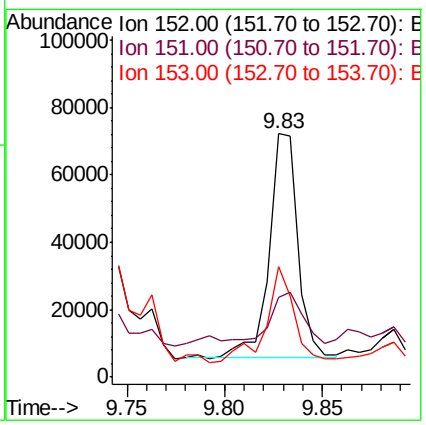


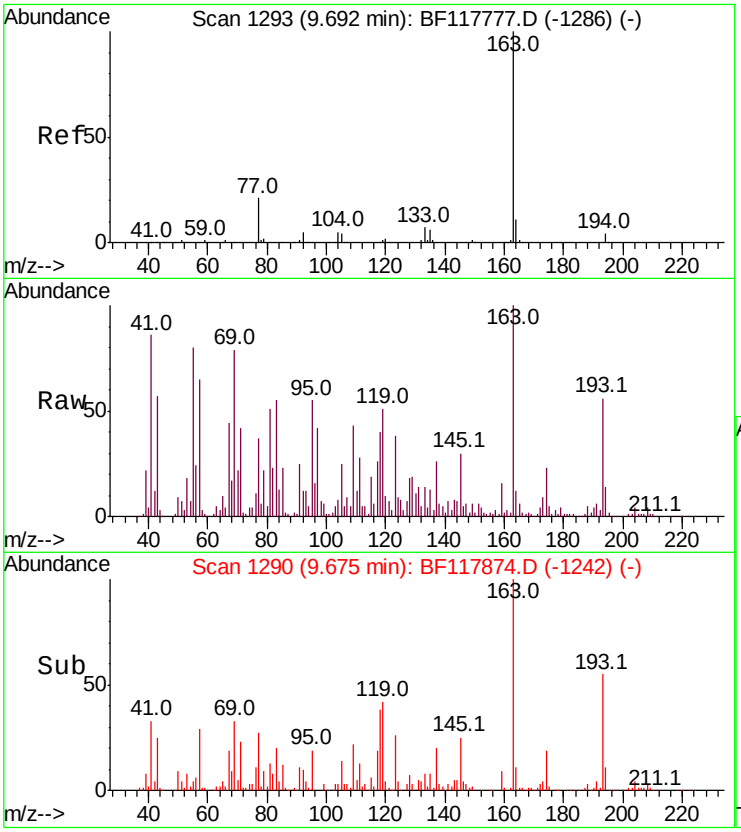


#49
Acenaphthylene
Concen: 2.310 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:152 Resp: 67953

Ion	Ratio	Lower	Upper
152	100		
151	32.7	17.0	25.6#
153	45.5	11.0	16.6#



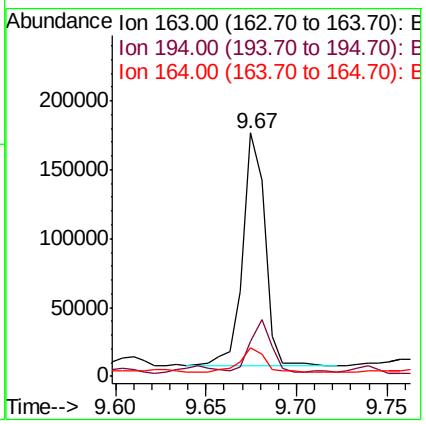


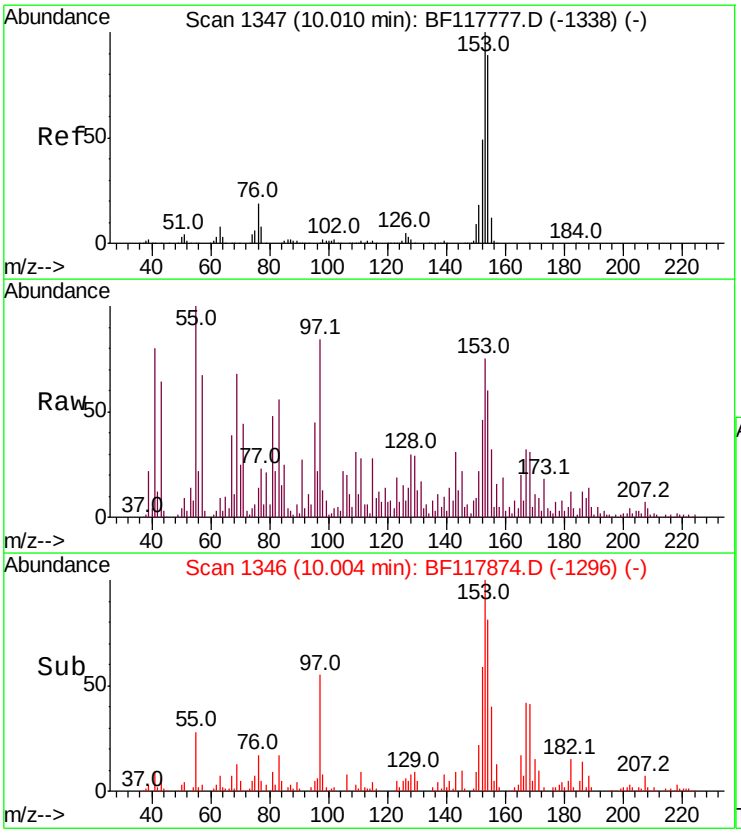
#50
Dimethylphthalate
Concen: 6.211 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 143987

Ion	Ratio	Lower	Upper
163	100		
194	14.4	3.3	4.9#
164	11.8	8.7	13.1

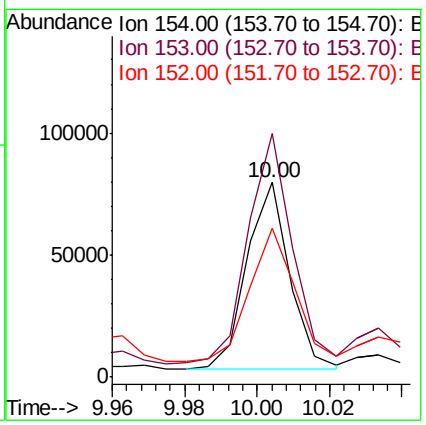


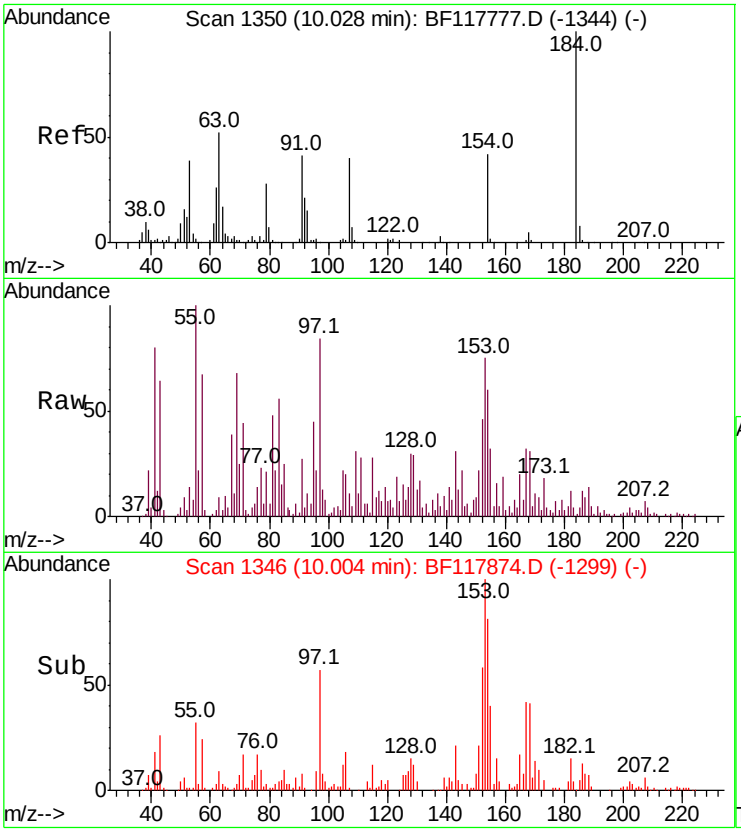


#52
Acenaphthene
Concen: 3.368 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:154 Resp: 63475

Ion	Ratio	Lower	Upper
154	100		
153	125.1	90.1	135.1
152	76.5	44.0	66.0#



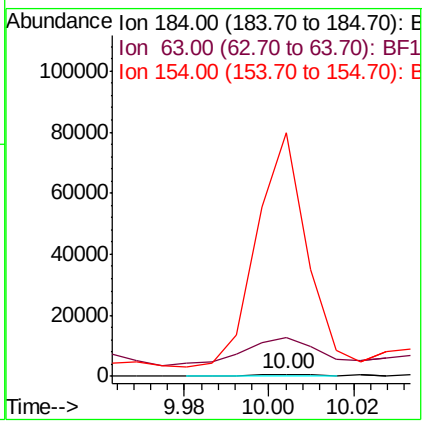


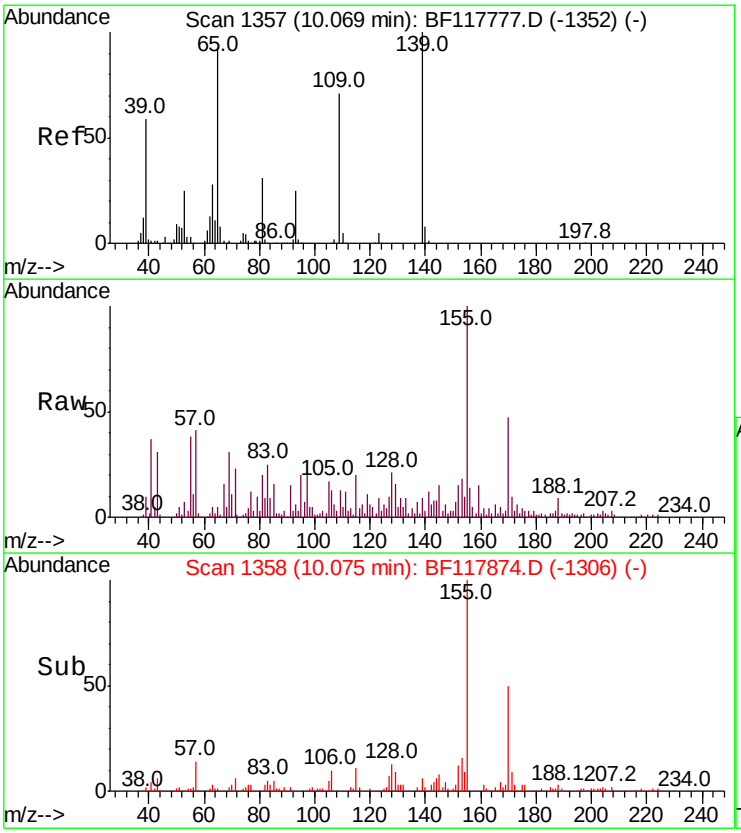
#54
2,4-Dinitrophenol
Concen: 7.463 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 682

Ion	Ratio	Lower	Upper
184	100		
63	1859.4	43.0	64.6#
154	11816.3	48.0	72.0#

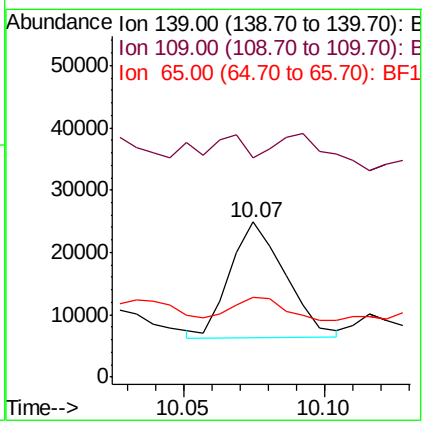


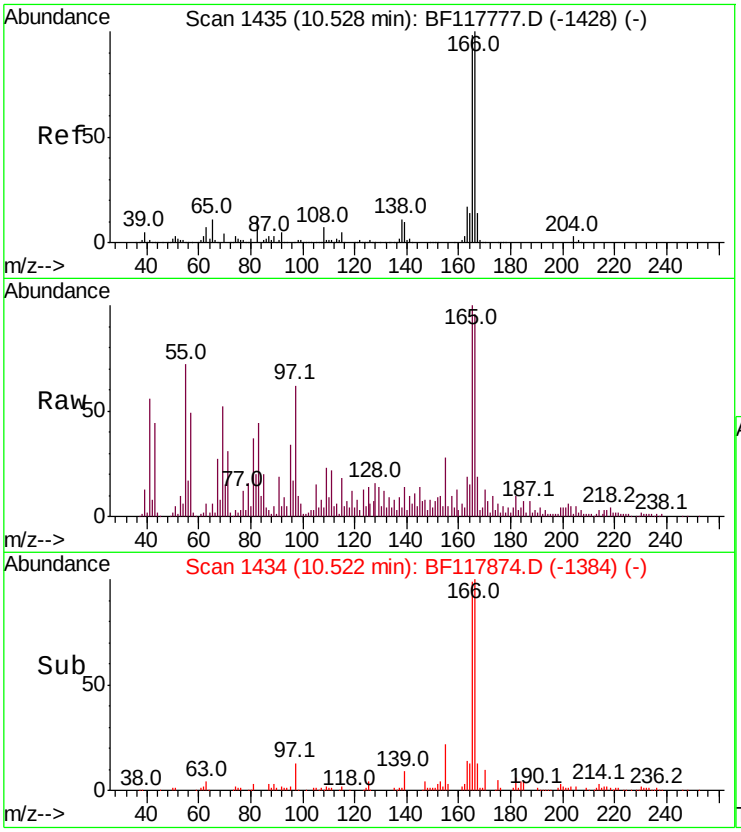


#56
4-Nitrophenol
Concen: 5.557 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:139 Resp: 25145

Ion	Ratio	Lower	Upper
139	100		
109	141.6	50.8	90.8#
65	51.3	73.6	113.6#



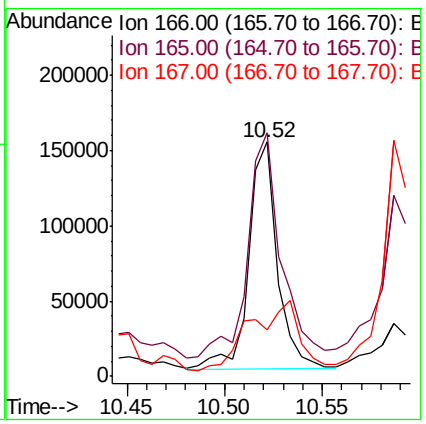


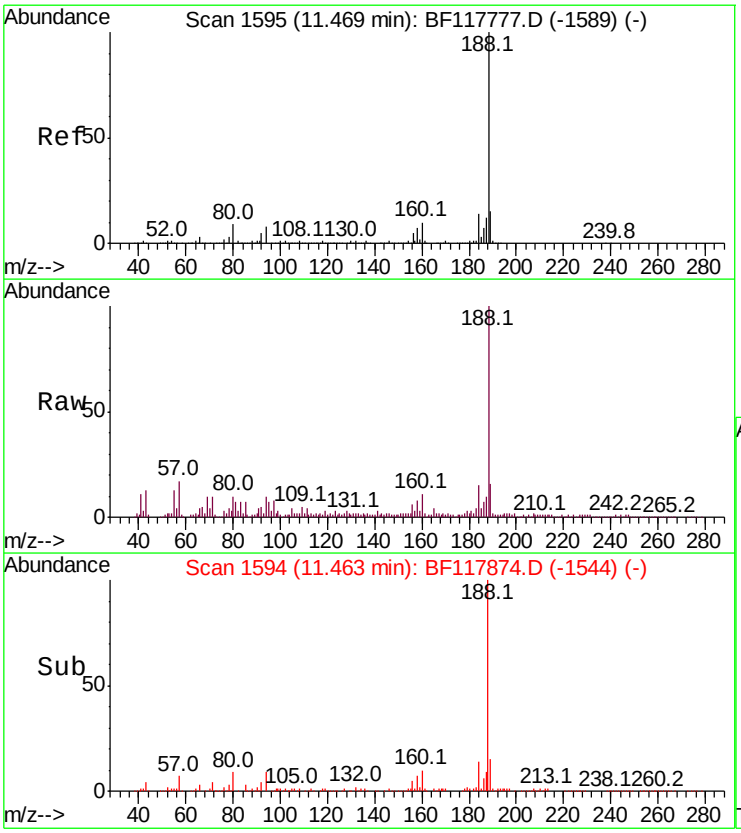
#58
Fluorene
Concen: 7.608 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 153838

Ion	Ratio	Lower	Upper
166	100		
165	104.0	78.4	117.6
167	19.6	11.0	16.4#

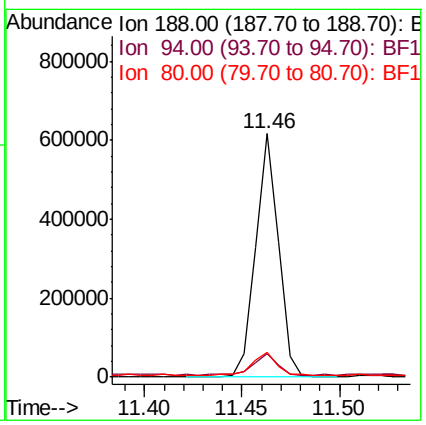


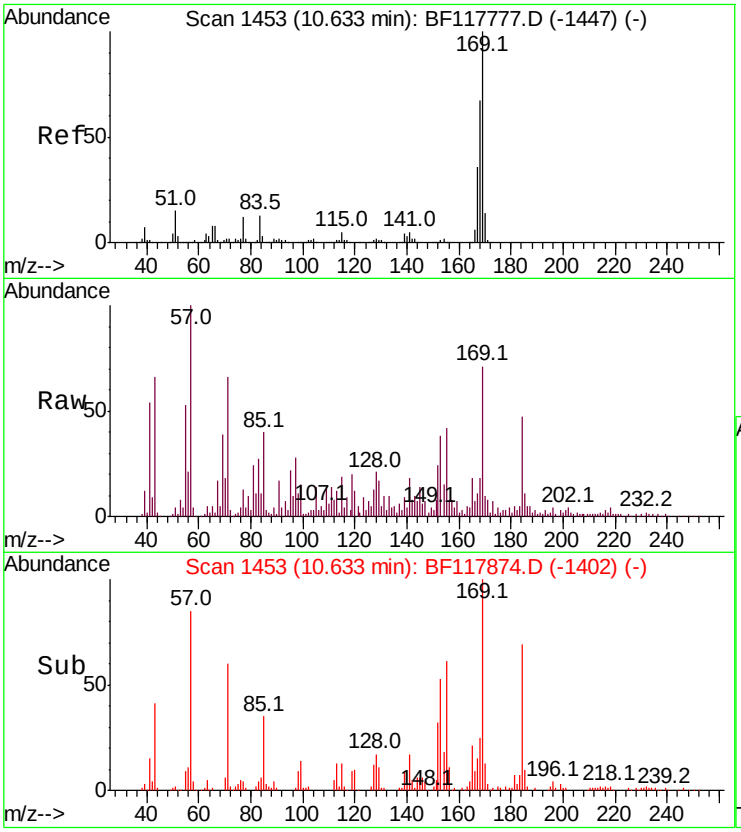


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:188 Resp: 495941

Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.6	10.0
80	10.0	7.2	10.8



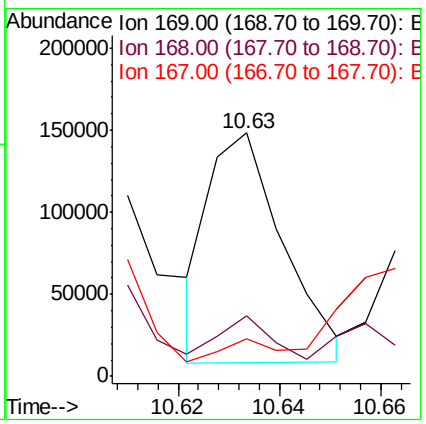


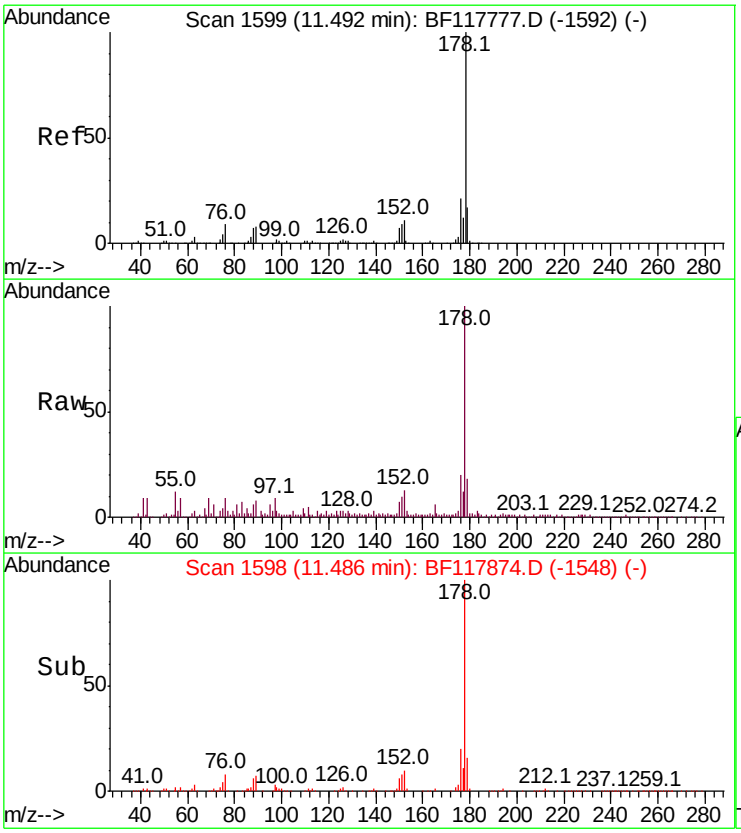
#66
n-Nitrosodiphenylamine
Concen: 9.866 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 142404

Ion	Ratio	Lower	Upper
169	100		
168	24.8	53.5	80.3#
167	15.6	29.0	43.4#

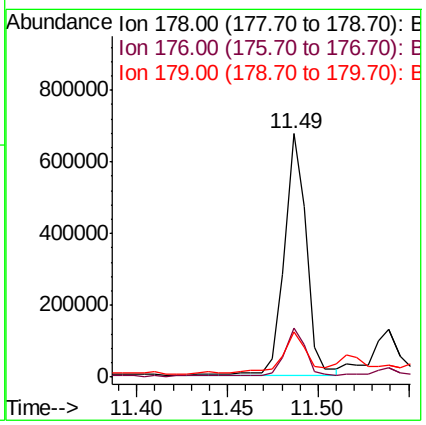


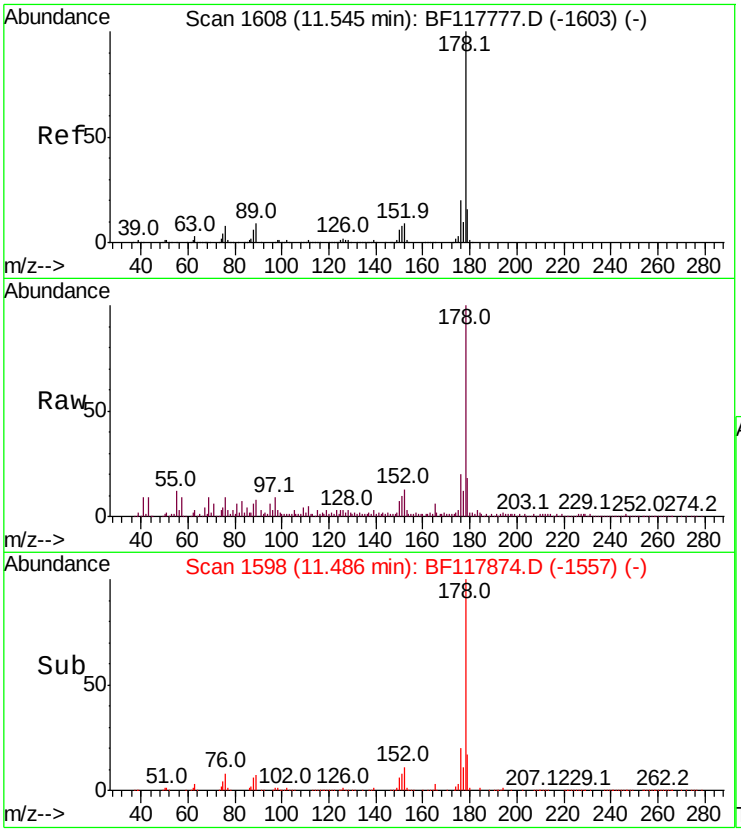


#71
Phenanthrene
Concen: 22.926 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:178 Resp: 571643

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	18.4	13.2	19.8



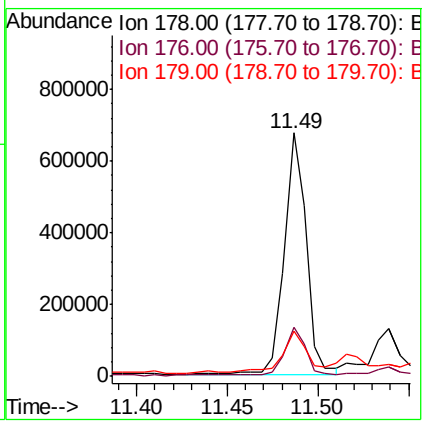


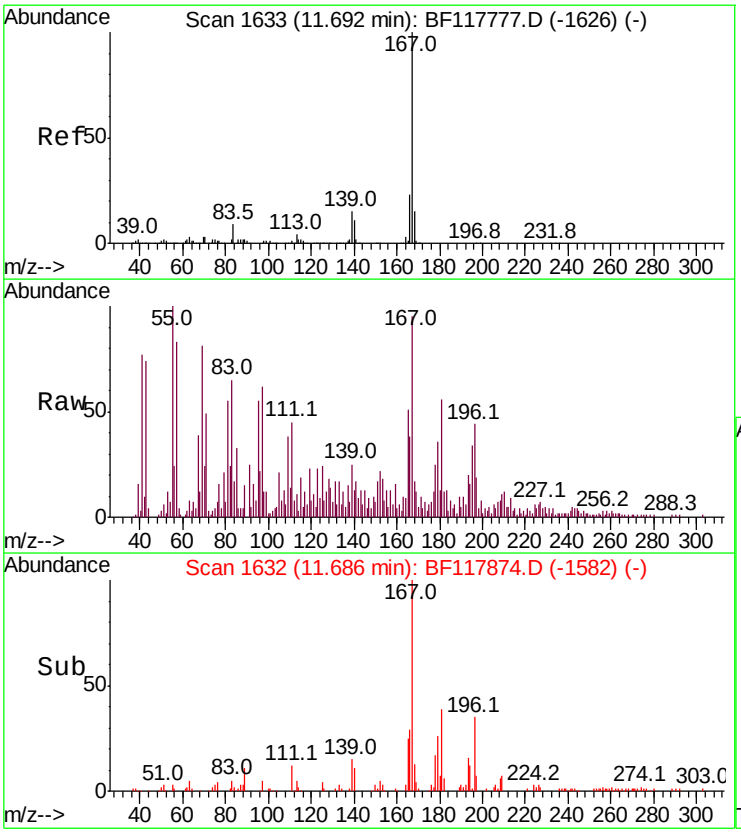
#72
Anthracene
Concen: 23.123 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.06 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 571643

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	18.4	13.0	19.4

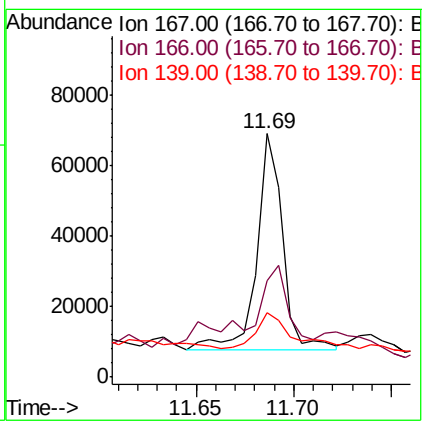


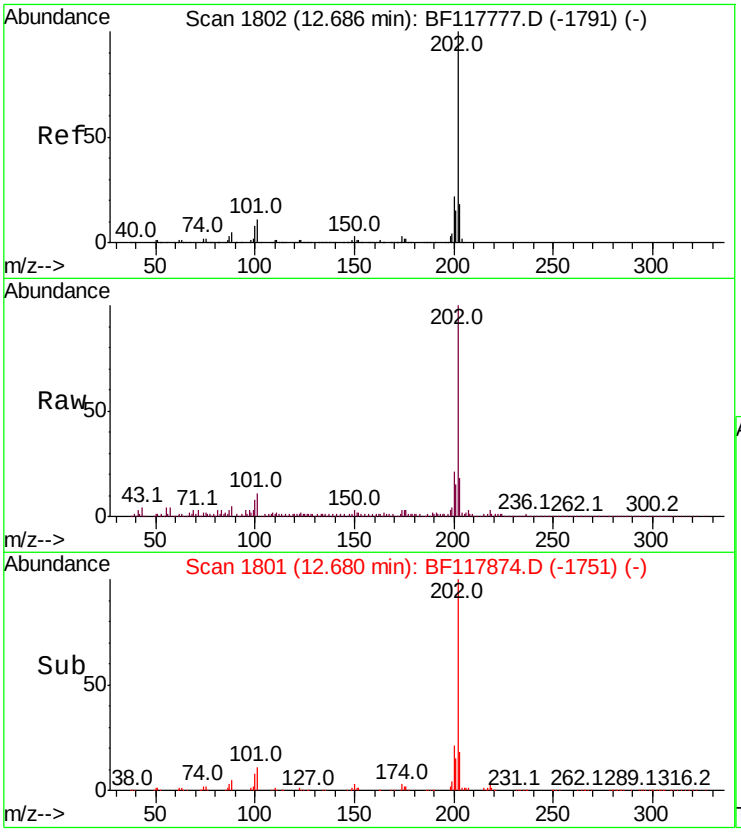


#73
Carbazole
Concen: 2.625 ng
RT: 11.69 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:167 Resp: 56715

Ion	Ratio	Lower	Upper
167	100		
166	39.7	18.0	27.0#
139	26.7	11.7	17.5#



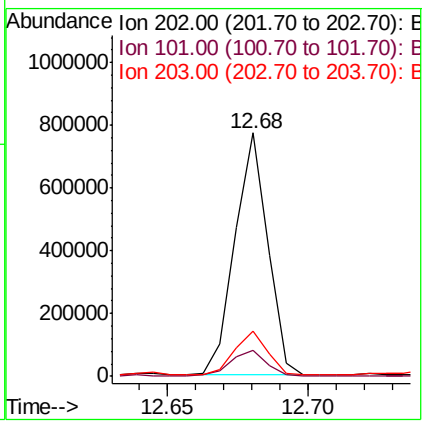


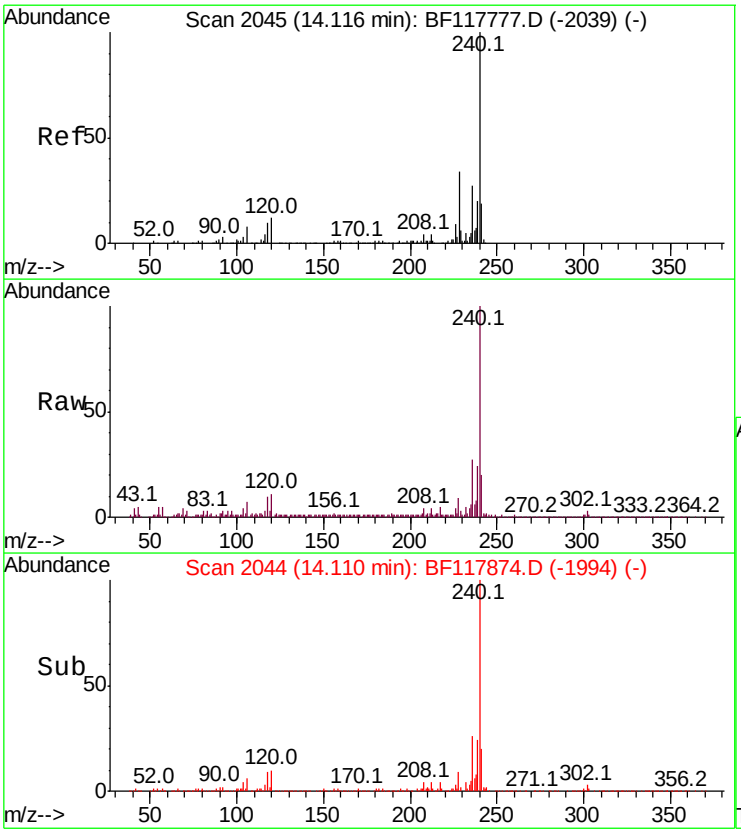
#75
Fluoranthene
Concen: 23.947 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 623675

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.1
203	18.3	0.0	38.2

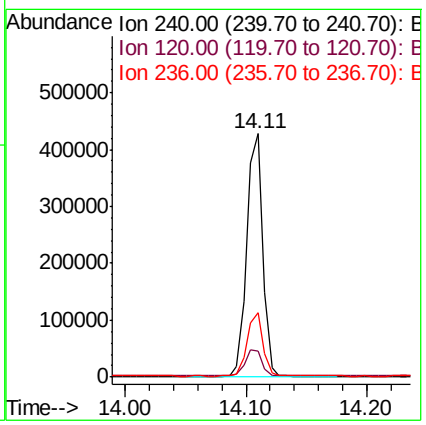


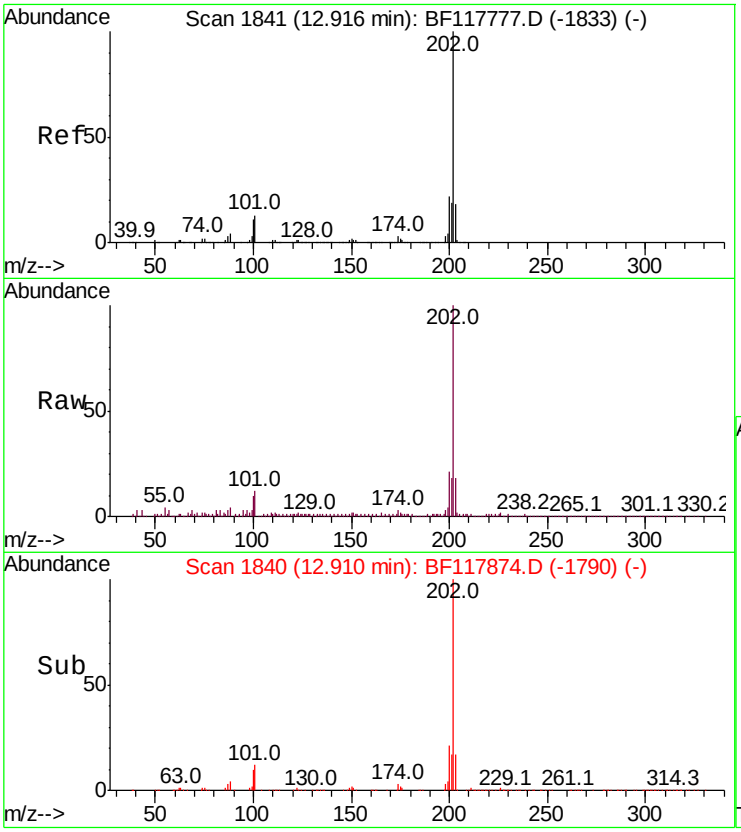


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:240 Resp: 398923

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	26.7	21.3	31.9



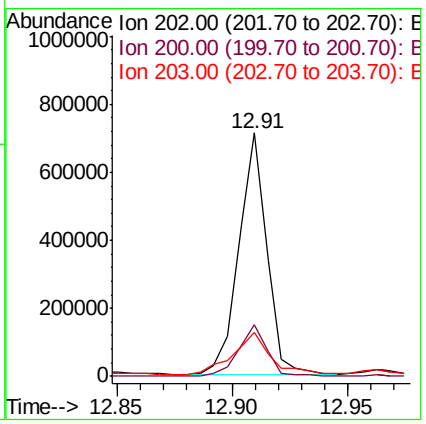


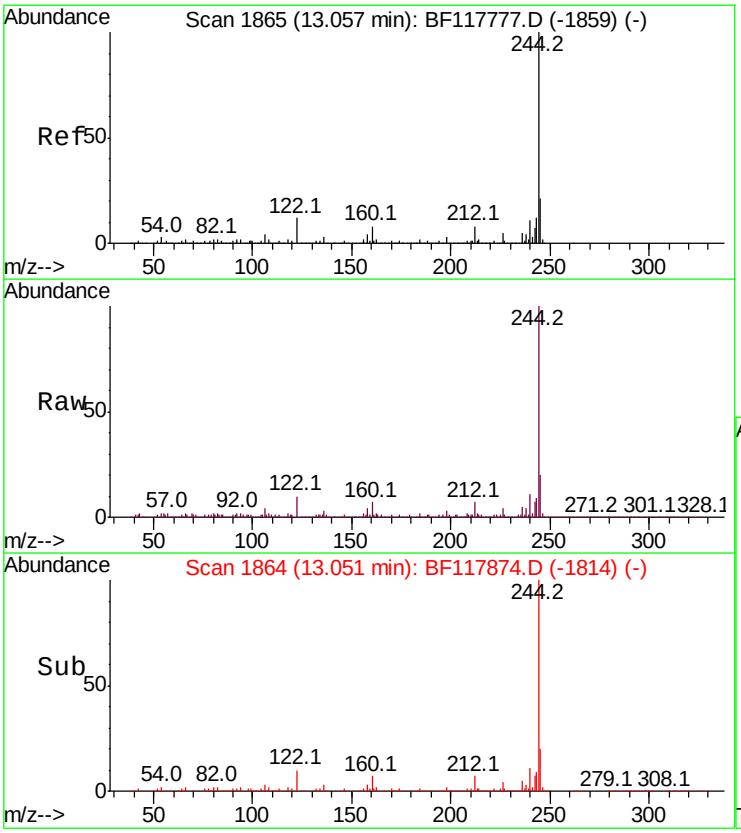
#78
Pyrene
Concen: 18.763 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 604907

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.8
203	18.2	14.6	22.0

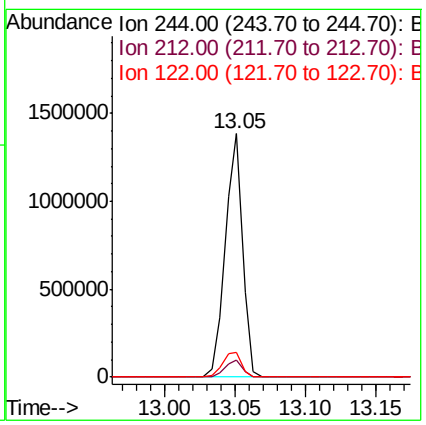


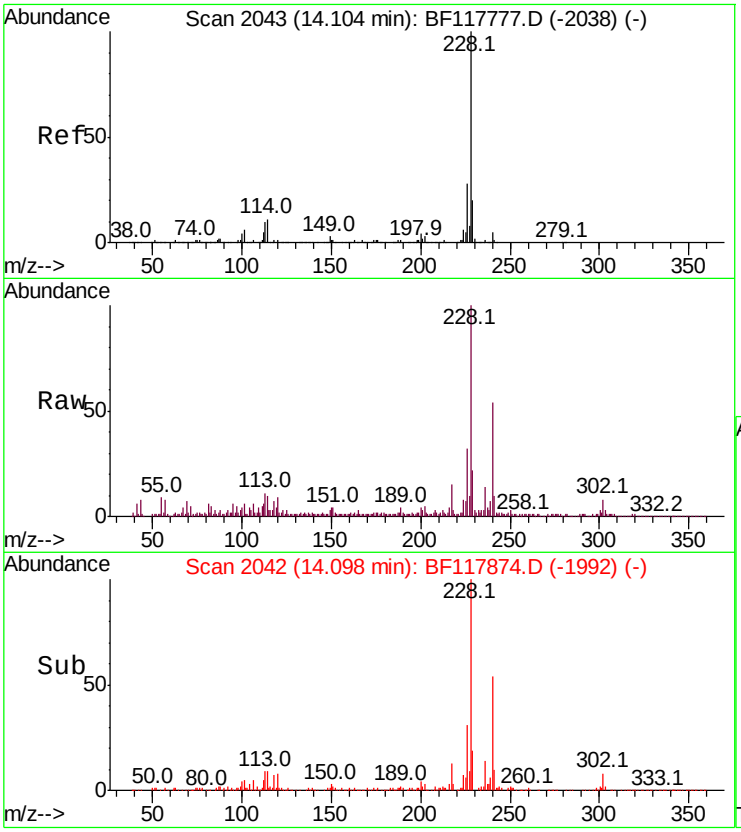


#79
Terphenyl-d14
Concen: 53.701 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:244 Resp: 1172171

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	10.3	9.4	14.2



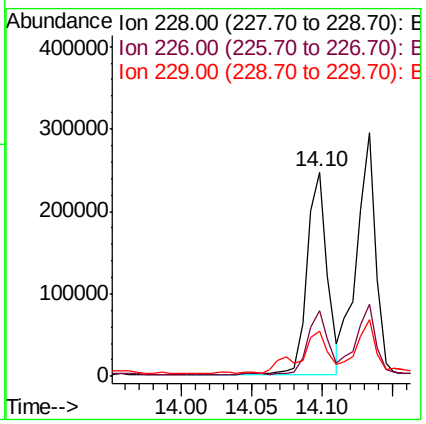


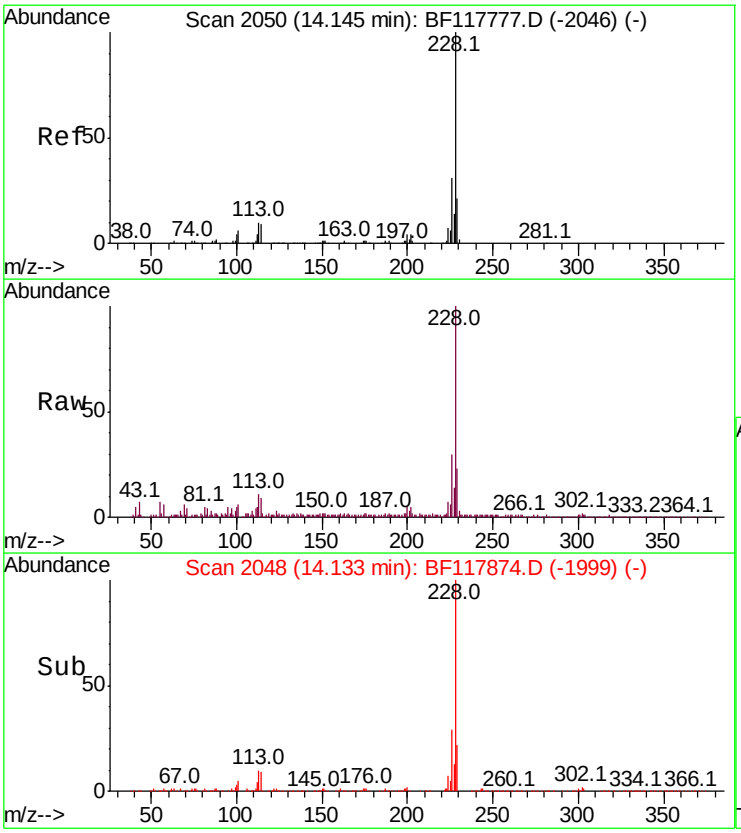
#81
Benzo(a)anthracene
Concen: 9.312 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 245467

Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.2	33.2
229	22.2	15.9	23.9

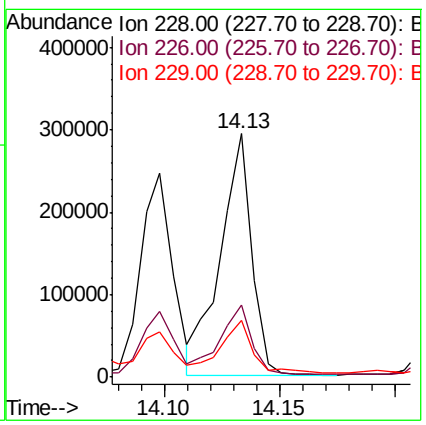


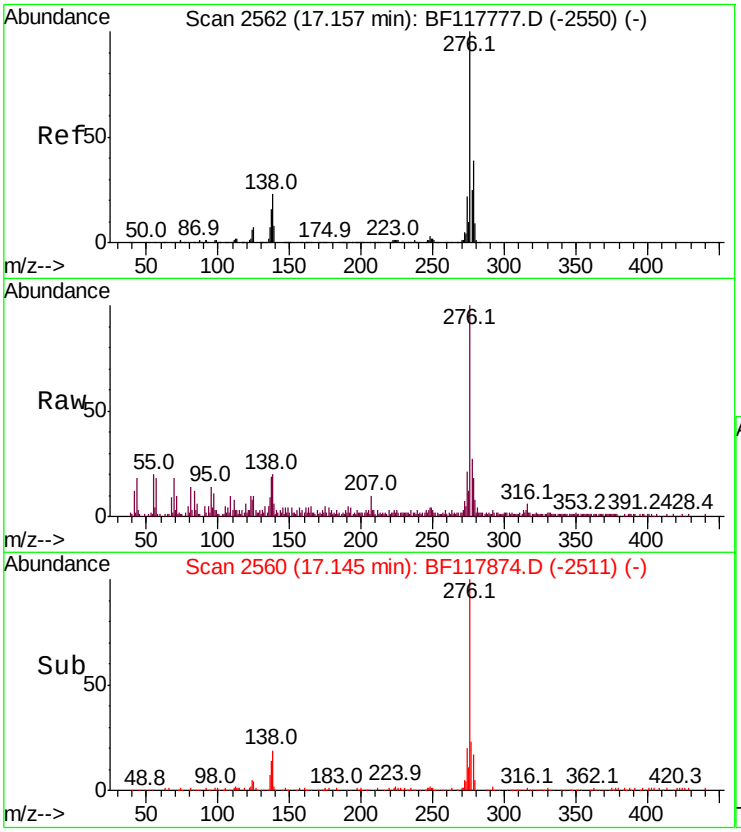


#83
Chrysene
Concen: 10.870 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:228 Resp: 277671

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.4
229	23.4	16.6	25.0



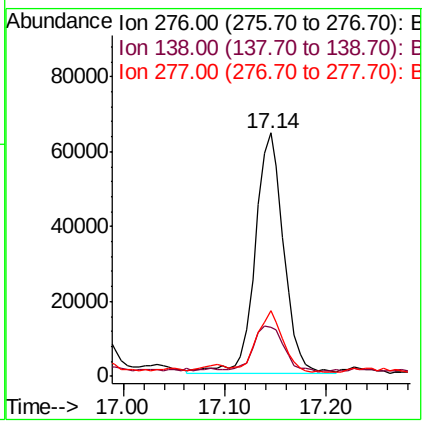


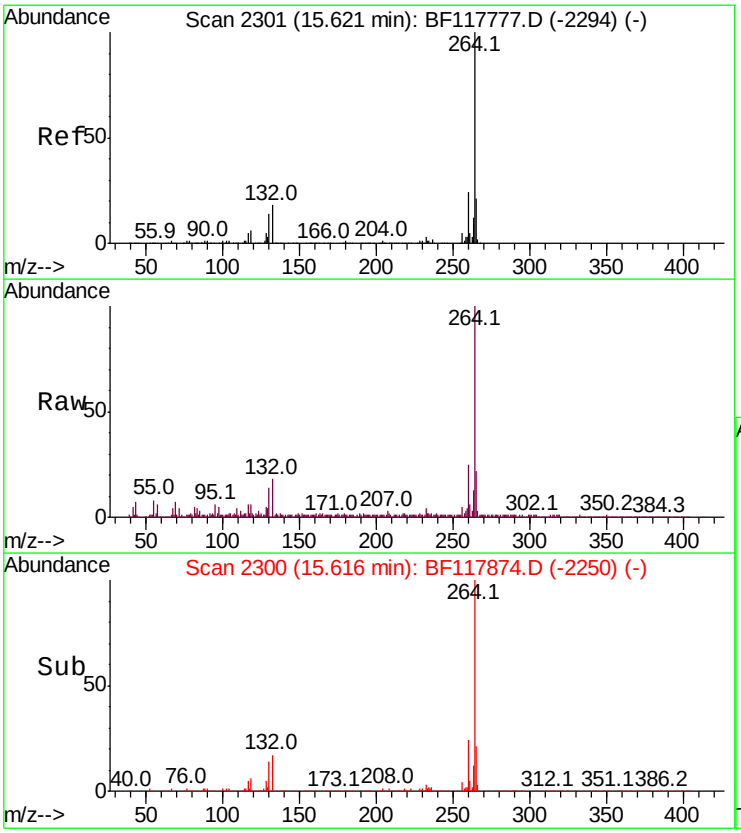
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.716 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 124280

Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.9	31.3
277	24.2	20.3	30.5

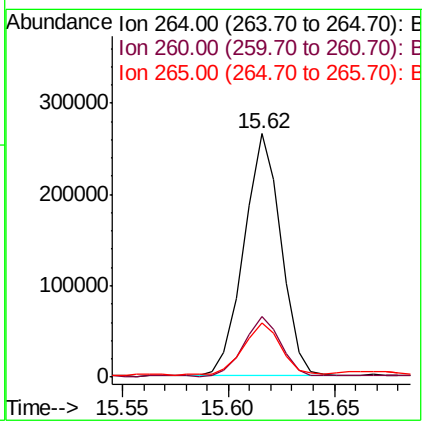


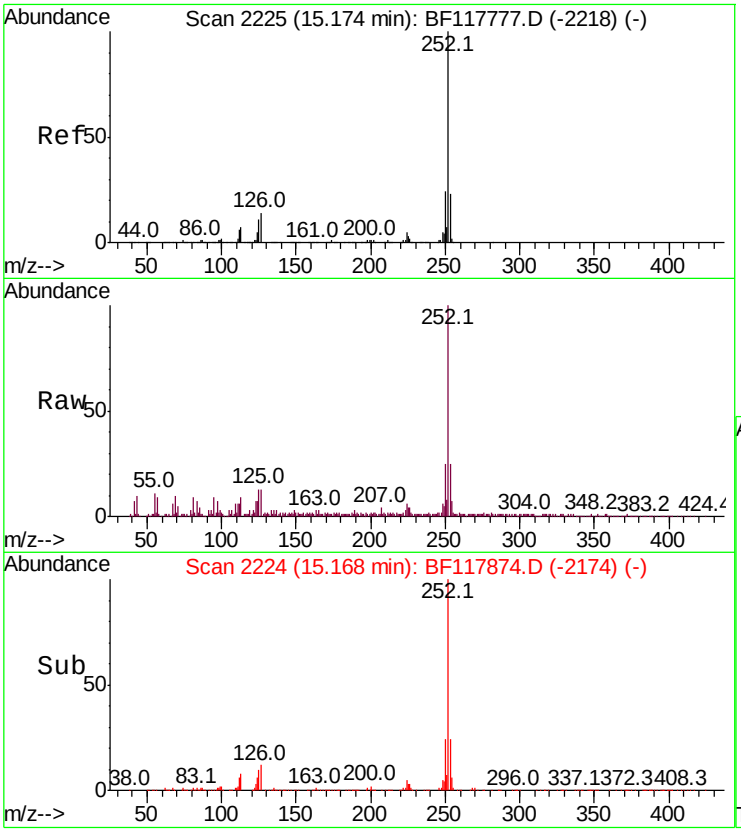


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:264 Resp: 323744

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	22.3	17.1	25.7



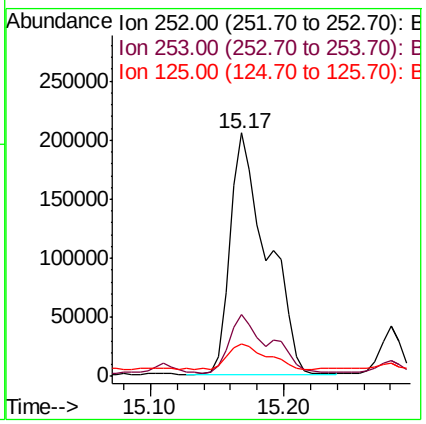


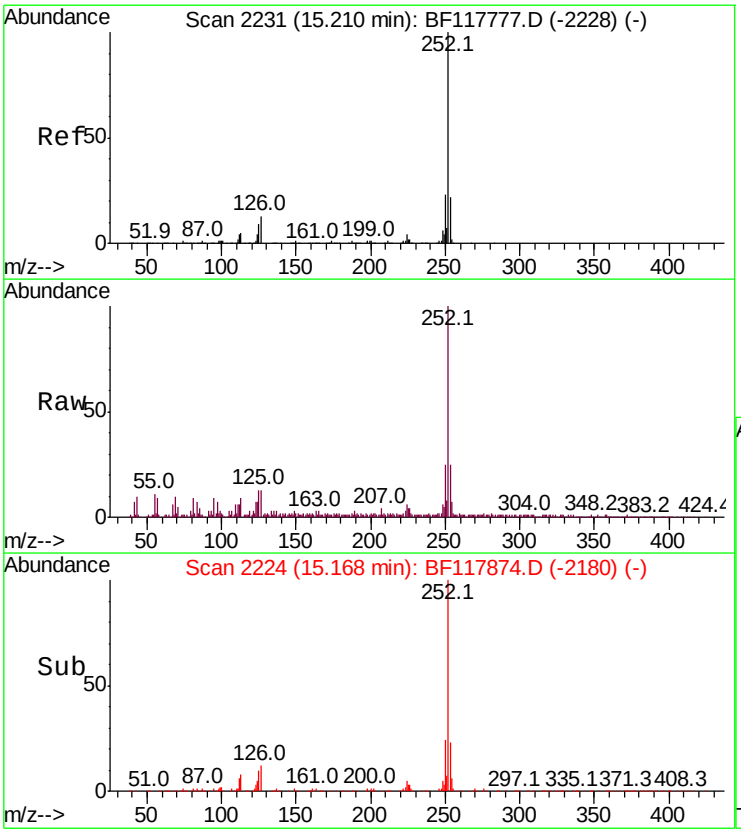
#88
Benzo(b)fluoranthene
Concen: 18.811 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 395660

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	13.4	8.6	13.0#

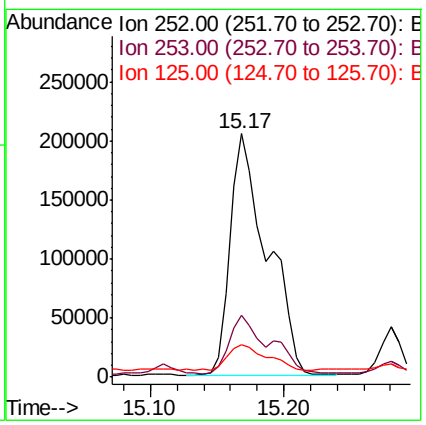


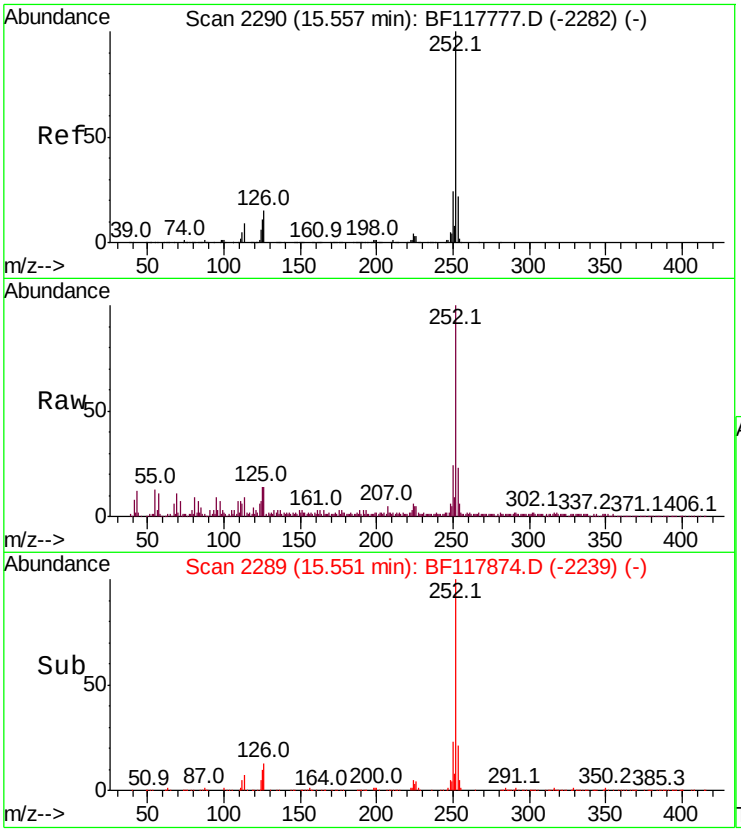


#89
Benzo(k)fluoranthene
Concen: 19.964 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:252 Resp: 395660

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	13.4	7.9	11.9#



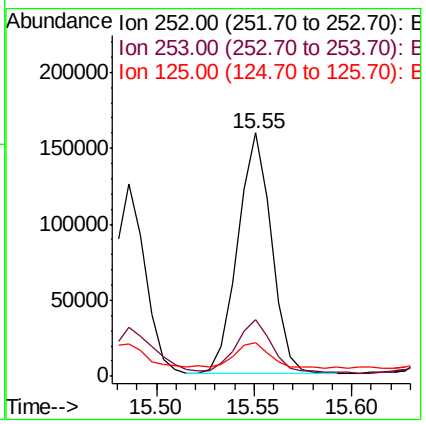


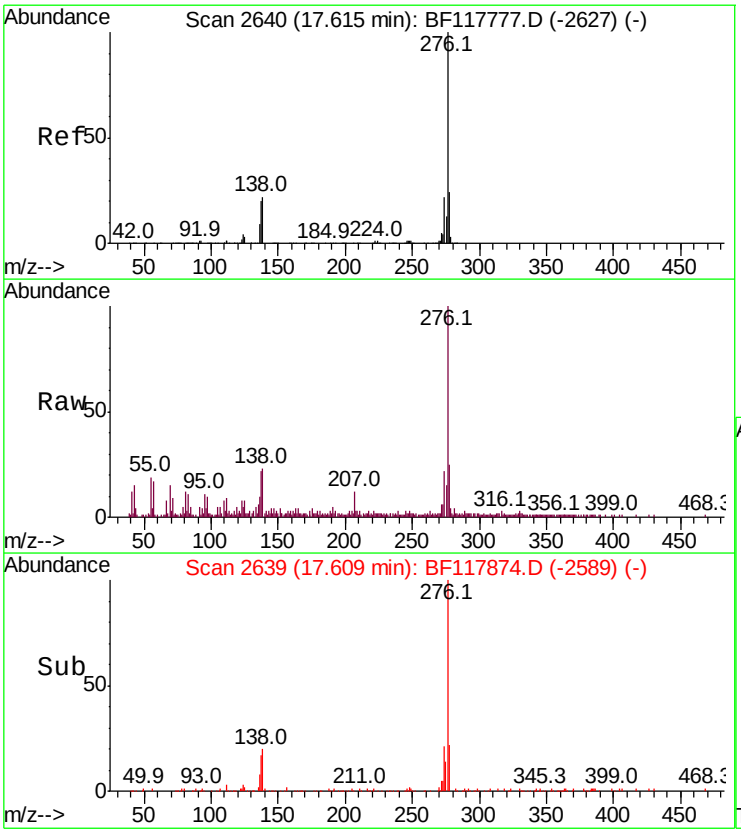
#90
Benzo(a)pyrene
Concen: 10.257 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 189704

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	13.6	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 7.309 ng
RT: 17.61 min Scan# 2639
Delta R.T. -0.01 min
Lab File: BF117874.D
Acq: 19 Nov 2019 21:58

Tgt Ion:276 Resp: 115893

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	22.6	17.4	26.2