

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117873.D
 Acq On : 19 Nov 2019 21:30
 Operator : JU
 Sample : K5838-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 00:32:50 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	187237	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	804031	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	382704	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	581353	20.00	ng	-0.01
76) Chrysene-d12	14.12	240	407798	20.00	ng	0.00
87) Perylene-d12	15.63	264	398198	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	968368	91.55	ng	0.00
7) Phenol-d6	6.53	99	1269390	99.49	ng	-0.01
23) Nitrobenzene-d5	7.47	82	841361	62.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	307285	75.84	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1565121	73.37	ng	-0.01
79) Terphenyl-d14	13.05	244	1320033	59.16	ng	0.00

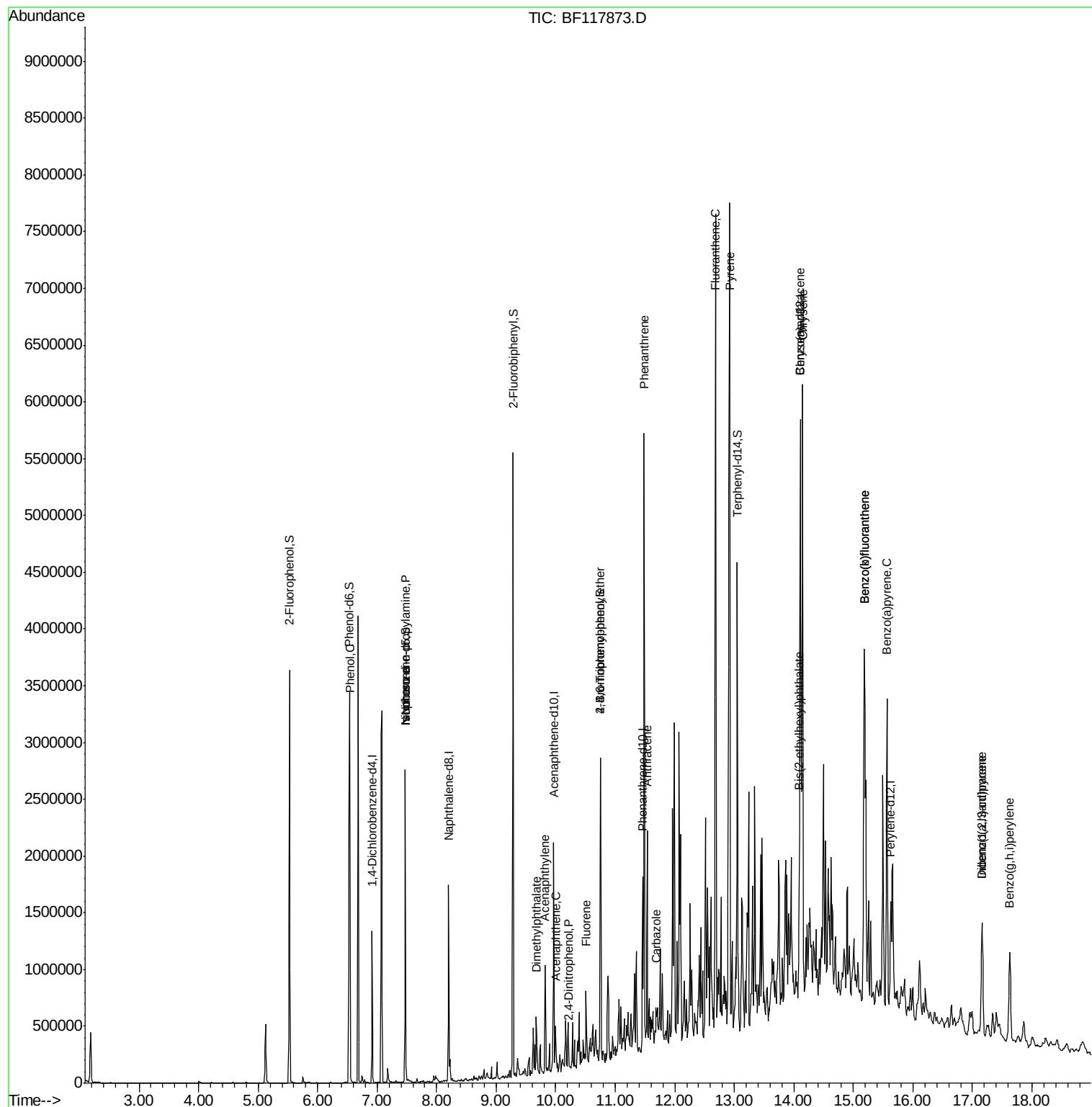
Target Compounds				Qvalue		
9) Benzaldehyde	6.46	77	1363	Below Cal	#	79
10) Phenol	6.55	94	69568	5.247	ng	96
19) n-Nitroso-di-n-propylamine	7.47	70	115693	14.699	ng	# 76
25) Isophorone	7.47	82	834483	33.662	ng	# 62
49) Acenaphthylene	9.83	152	389859	11.448	ng	98
50) Dimethylphthalate	9.67	163	138765	5.171	ng	# 97
52) Acenaphthene	10.00	154	68576	3.144	ng	97
54) 2,4-Dinitrophenol	10.23	184	257	7.302	ng	# 24
58) Fluorene	10.52	166	179887	7.684	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	20098	3.204	ng	# 1
71) Phenanthrene	11.49	178	2021951	69.177	ng	99
72) Anthracene	11.53	178	635513	21.930	ng	98
73) Carbazole	11.69	167	94588	3.735	ng	96
75) Fluoranthene	12.69	202	3177990	134.339	ng	96
78) Pyrene	12.92	202	3360462	101.967	ng	97
81) Benzo(a)anthracene	14.11	228	2095943	77.778	ng	94
83) Chrysene	14.14	228	2001138	76.635	ng	97
84) Bis(2-ethylhexyl)phthalate	14.09	149	45991	2.680	ng	99
86) Indeno(1,2,3-cd)pyrene	17.16	276	682373	30.704	ng	96
88) Benzo(b)fluoranthene	15.19	252	2671421	103.259	ng	97
89) Benzo(k)fluoranthene	15.19	252	2671421	109.590	ng	95
90) Benzo(a)pyrene	15.57	252	1403308	61.685	ng	97
91) Dibenzo(a,h)anthracene	17.17	278	198673	10.146	ng	95
92) Benzo(g,h,i)perylene	17.63	276	654696	33.569	ng	98

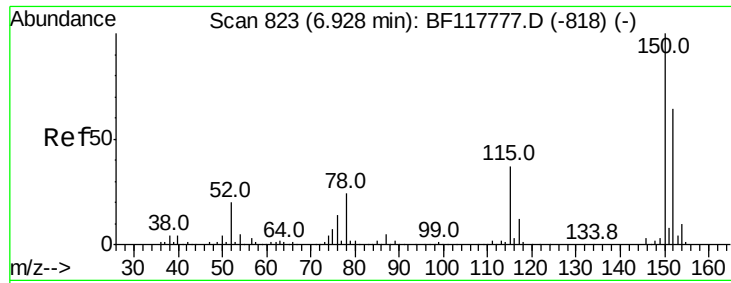
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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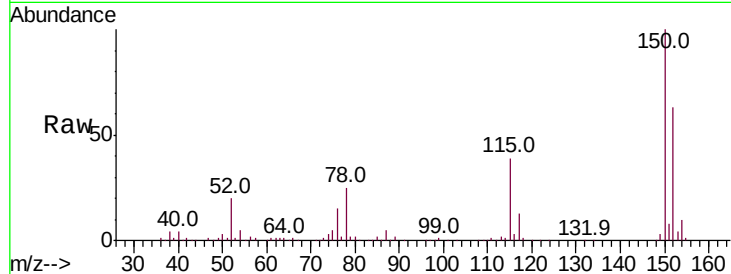


#1

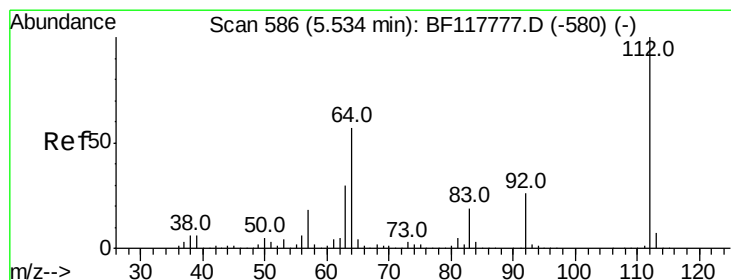
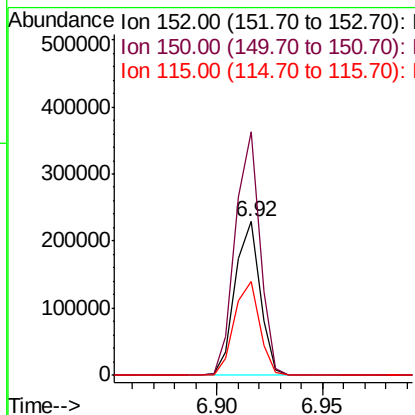
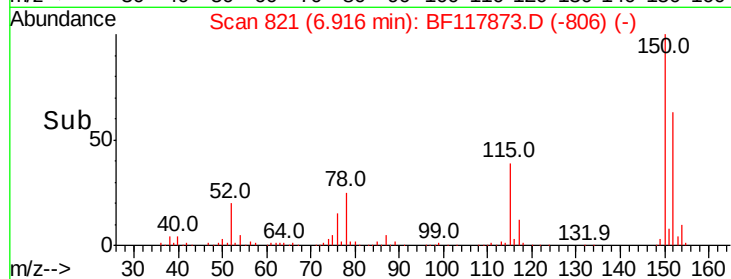
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 187237
Ion Ratio Lower Upper
152 100
150 158.3 125.3 187.9
115 61.3 47.0 70.4



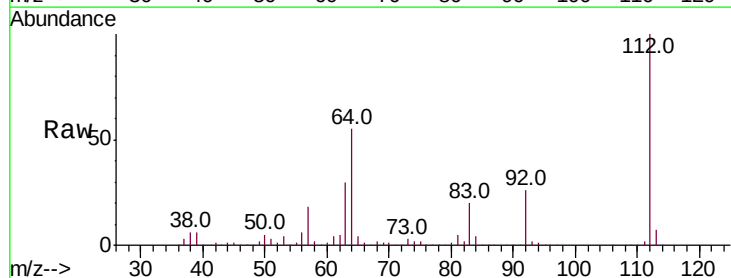
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



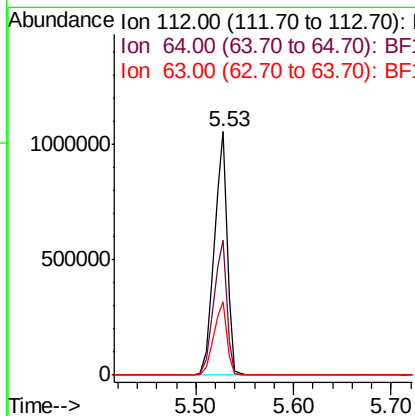
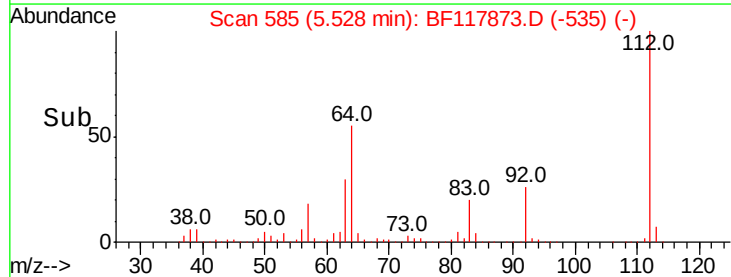
#5

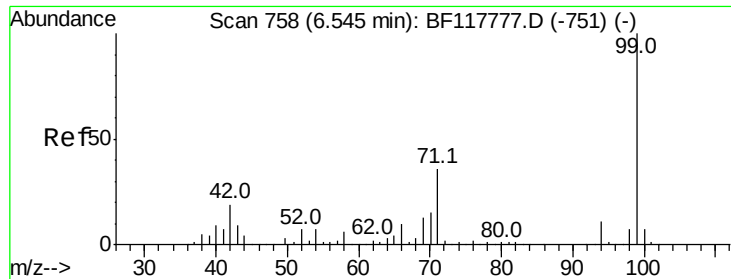
2-Fluorophenol
Concen: 91.548 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Tgt Ion:112 Resp: 968368
Ion Ratio Lower Upper
112 100
64 55.5 45.6 68.4
63 30.2 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 99.494 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117873.D

Acq: 19 Nov 2019 21:30

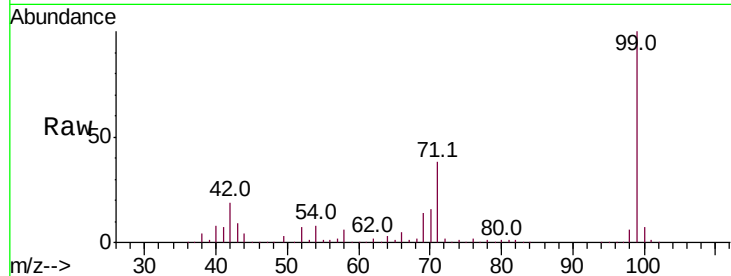
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1269390

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.9	22.3
71	38.0	28.6	43.0

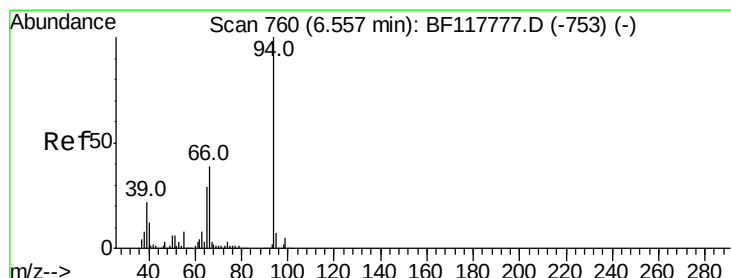
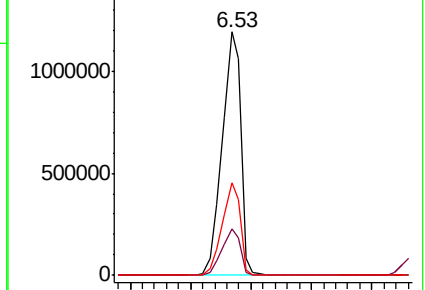
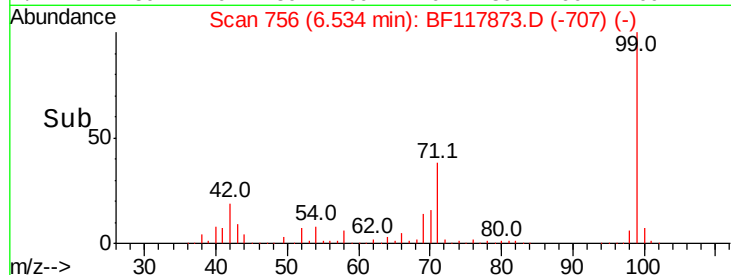


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.247 ng

RT: 6.55 min Scan# 758

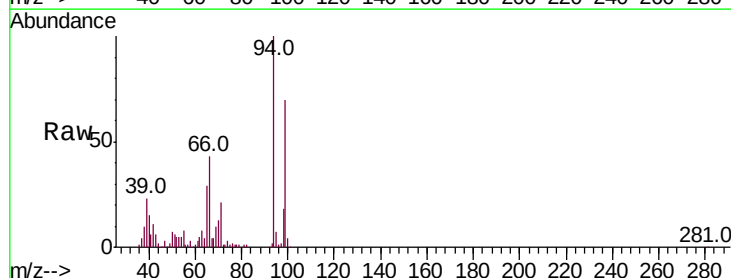
Delta R.T. -0.01 min

Lab File: BF117873.D

Acq: 19 Nov 2019 21:30

Tgt Ion: 94 Resp: 69568

Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.9	48.9
66	42.7	18.7	58.7

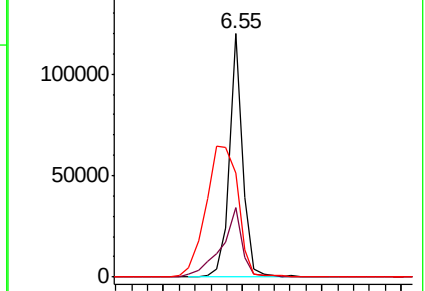
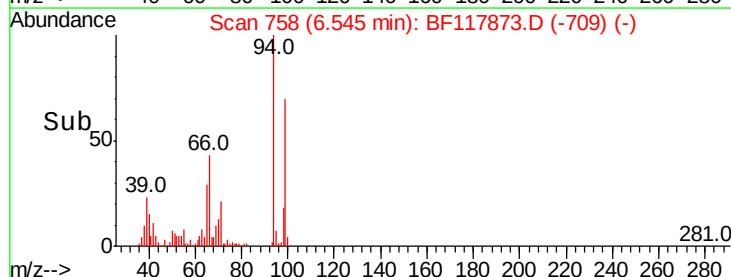


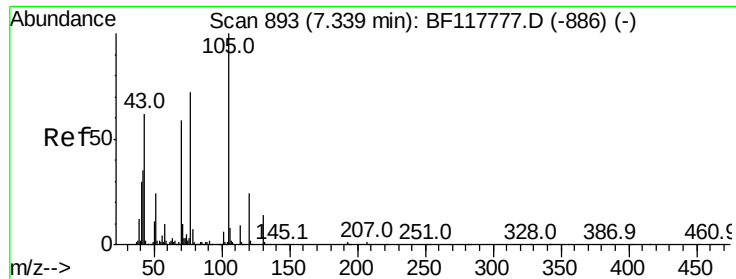
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

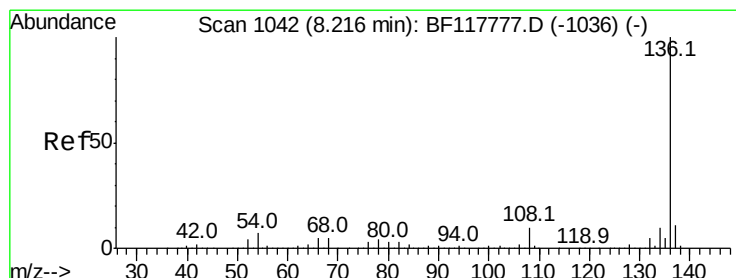
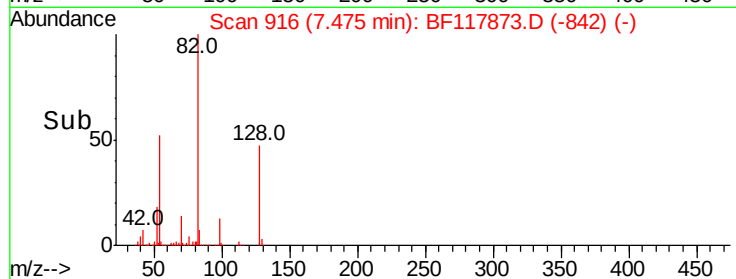
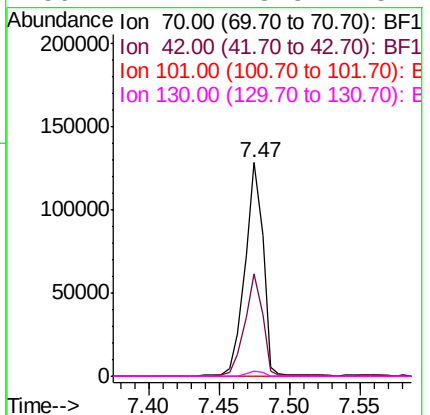
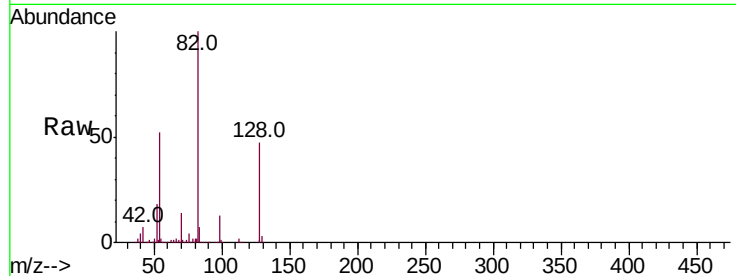




#19
n-Nitroso-di-n-propylamine
Concen: 14.699 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

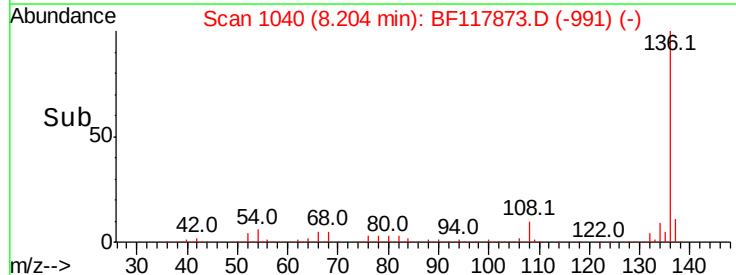
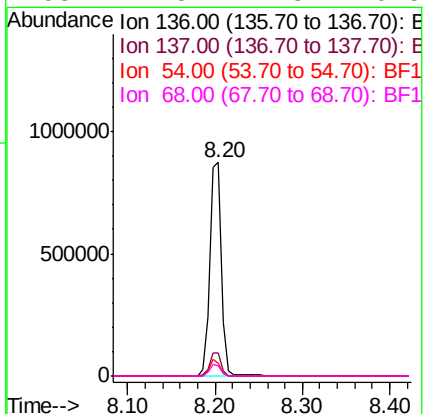
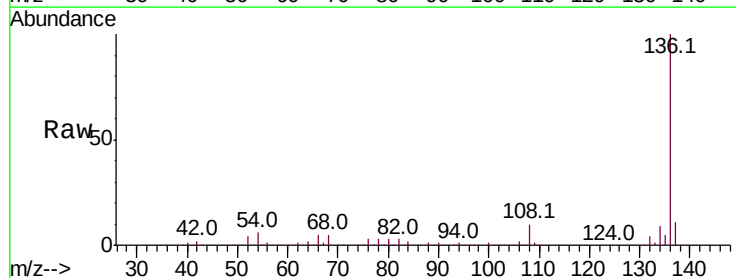
Instrument :
BNA_F
ClientSampleId :

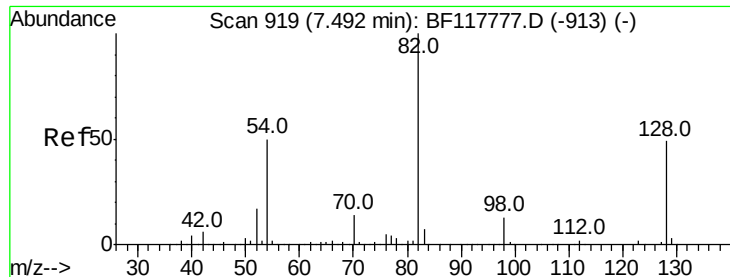
Tot Ion:	70	Resp:	115693
Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.4	71.2
101	0.0	8.4	12.6#
130	2.2	18.8	28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Tgt Ion:	136	Resp:	804031
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.1	5.4	8.2
68	4.8	4.3	6.5

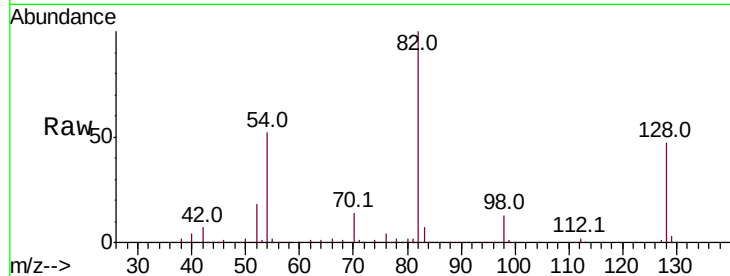




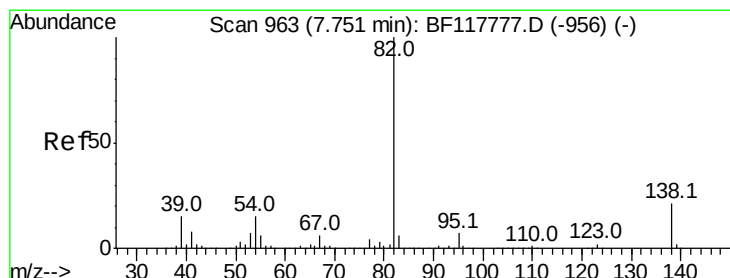
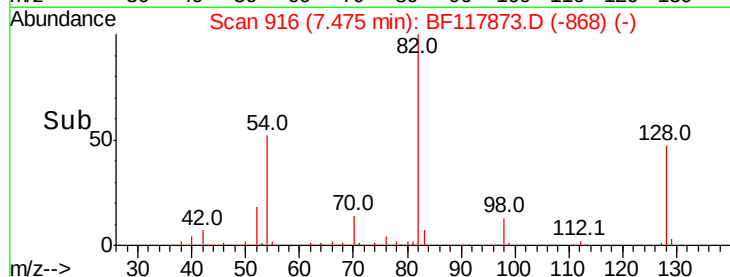
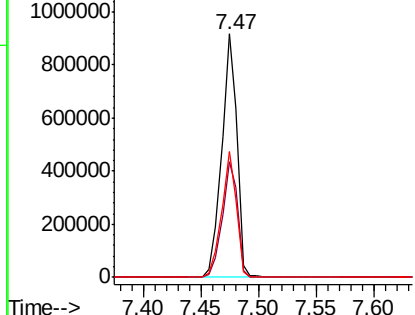
#23
Nitrobenzene-d5
Concen: 62.206 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.9	58.3
54	51.8	39.8	59.6

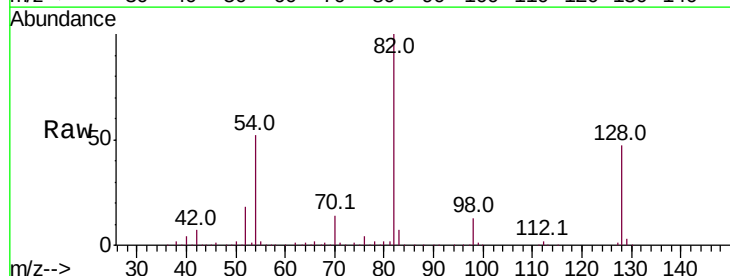


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

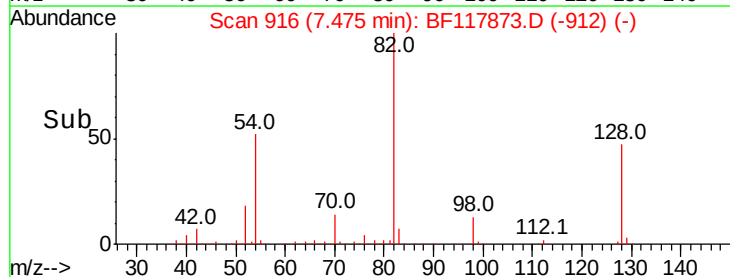
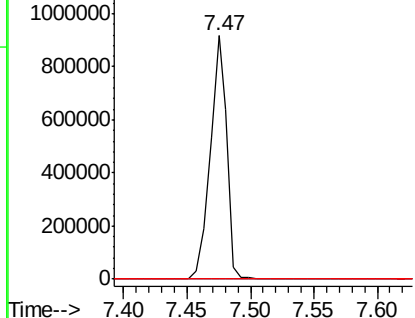


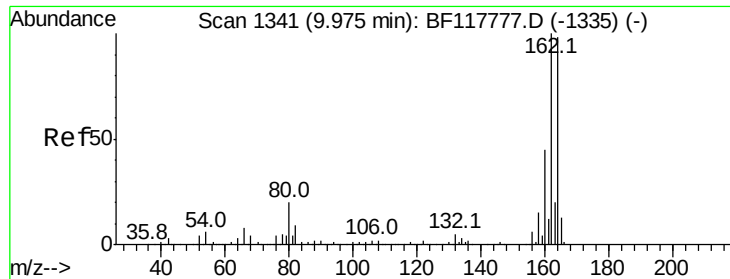
#25
Isophorone
Concen: 33.662 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

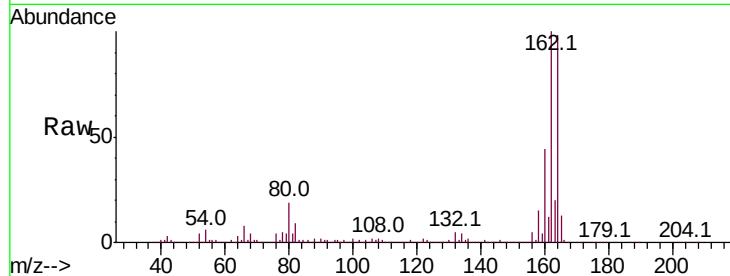




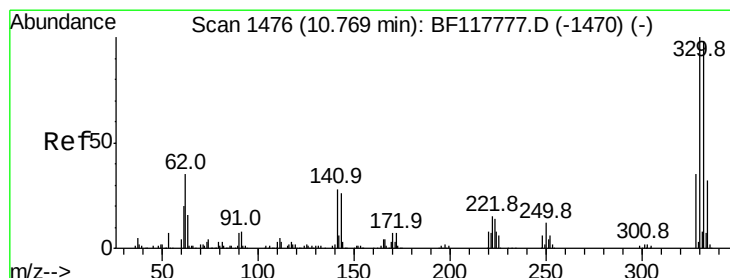
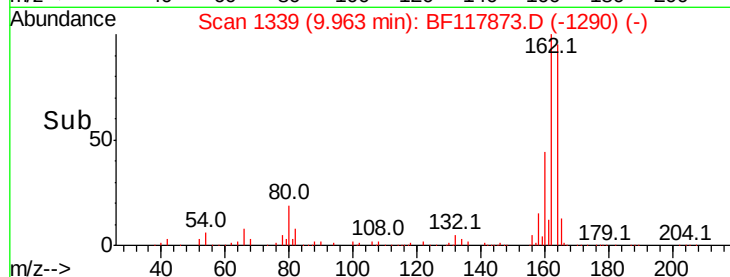
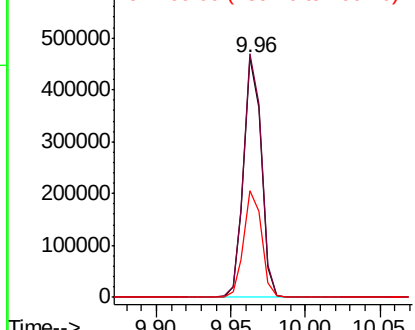
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF117873.D
 Acq: 19 Nov 2019 21:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 382704
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.3 121.9
 160 44.7 36.6 55.0

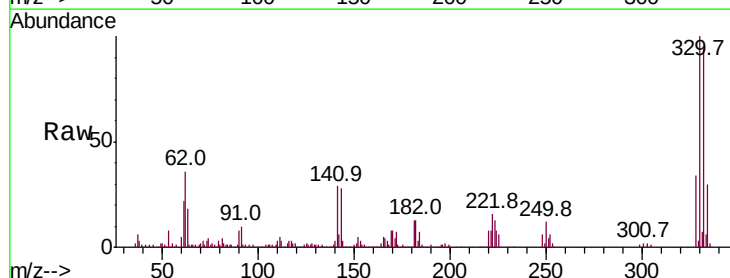


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

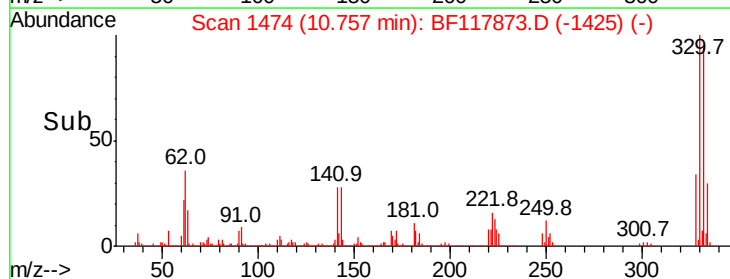
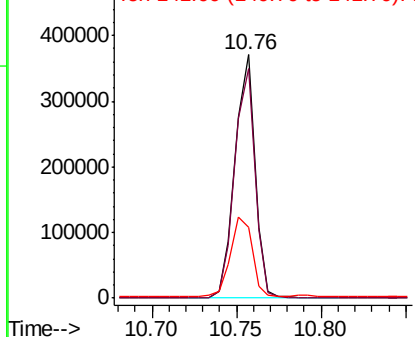


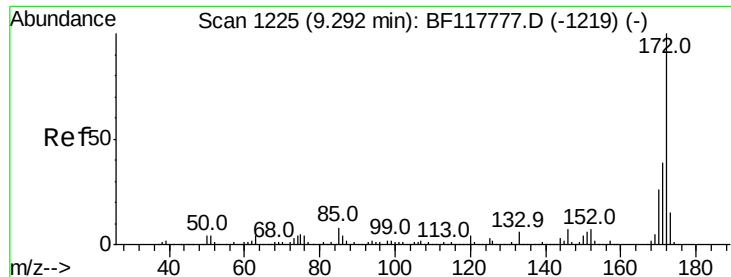
#42
 2,4,6-Tribromophenol
 Concen: 75.842 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF117873.D
 Acq: 19 Nov 2019 21:30

Tgt Ion:330 Resp: 307285
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.7 115.1
 141 35.3 27.7 41.5



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

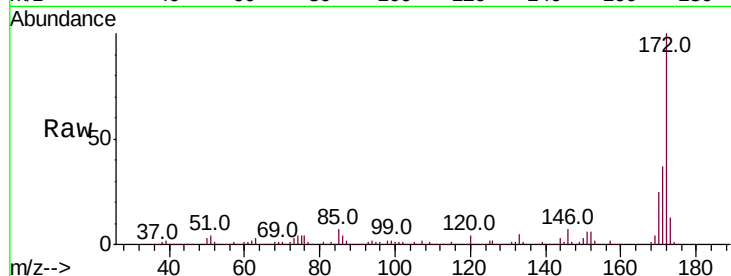




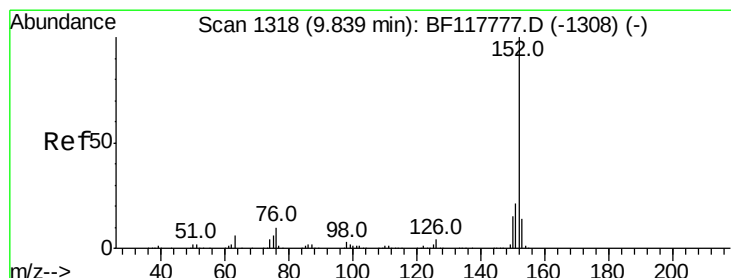
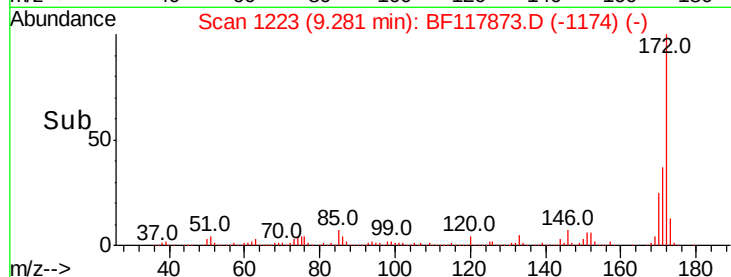
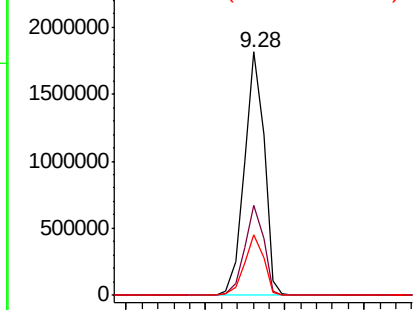
#45
2-Fluorobiphenyl
Concen: 73.370 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1565121
Ion Ratio Lower Upper
172 100
171 36.7 30.9 46.3
170 24.9 21.0 31.4

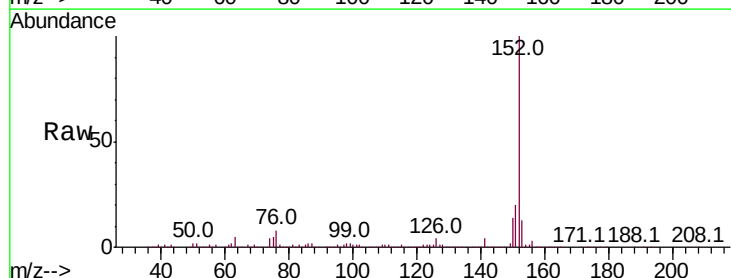


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

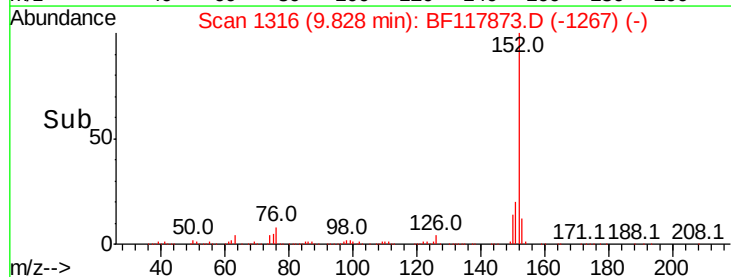
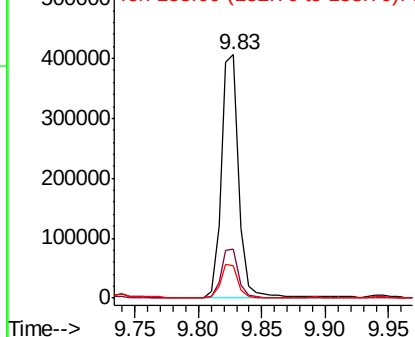


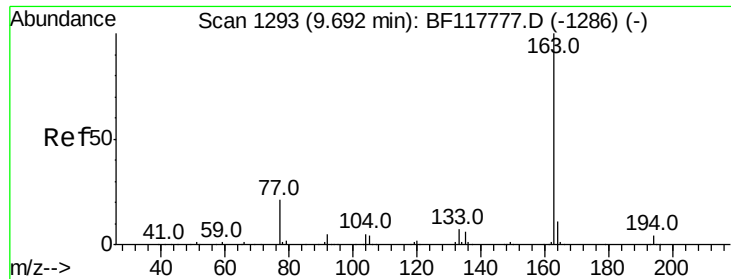
#49
Acenaphthylene
Concen: 11.448 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Tgt Ion:152 Resp: 389859
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.6
153 13.1 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

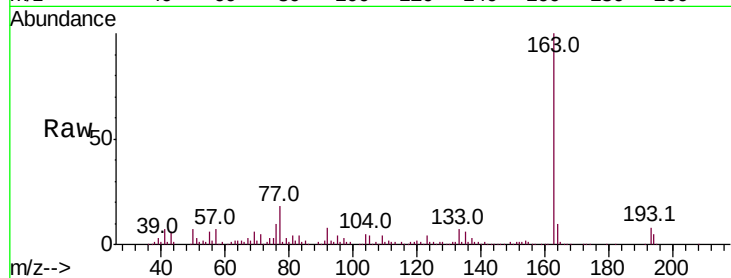




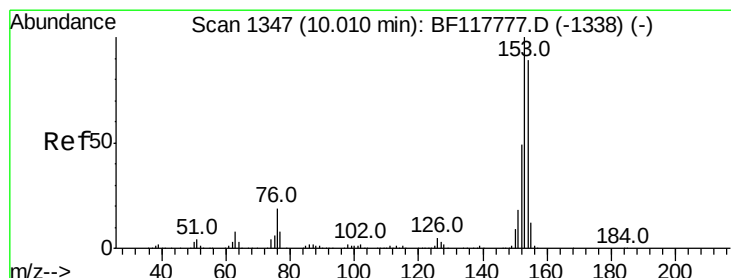
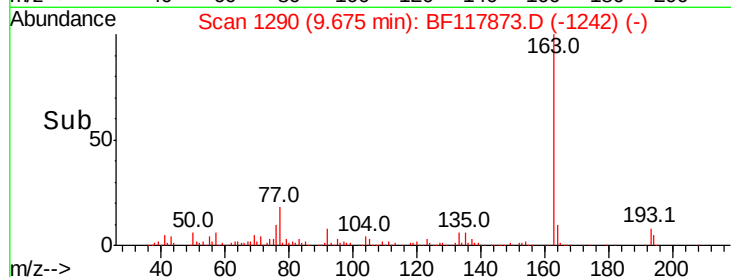
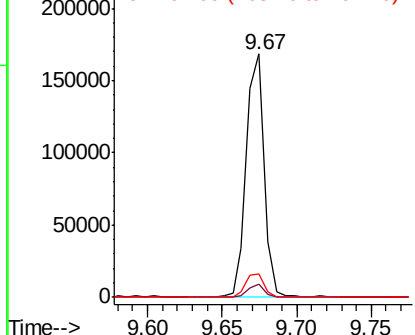
#50
Dimethylphthalate
Concen: 5.171 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.3	4.9#
164	9.6	8.7	13.1

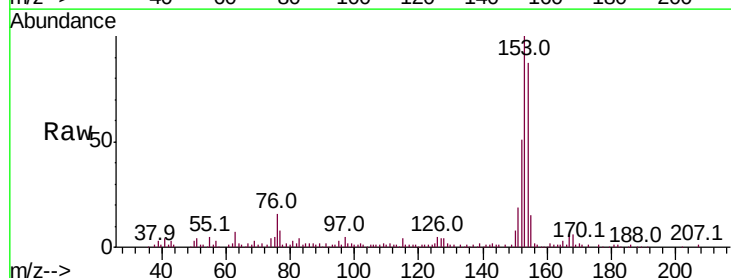


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

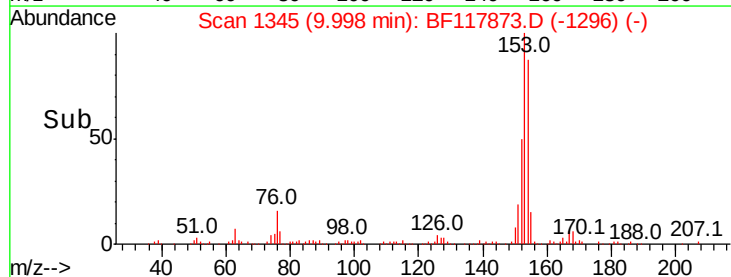
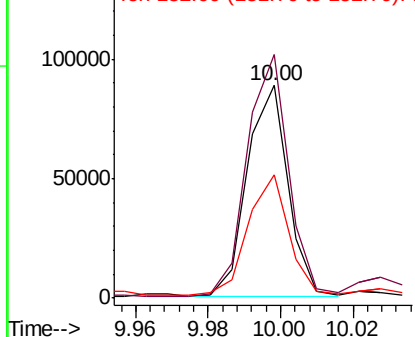


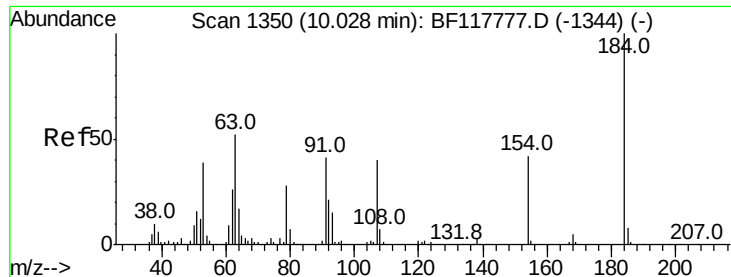
#52
Acenaphthene
Concen: 3.144 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.1	135.1
152	57.9	44.0	66.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

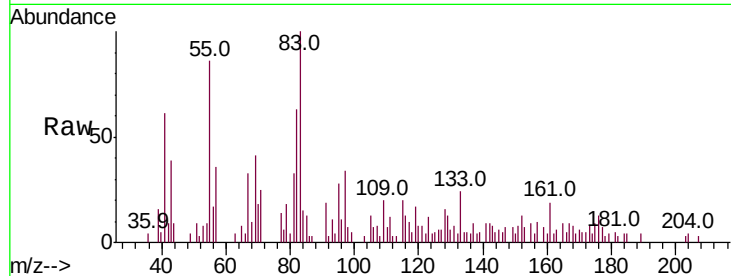




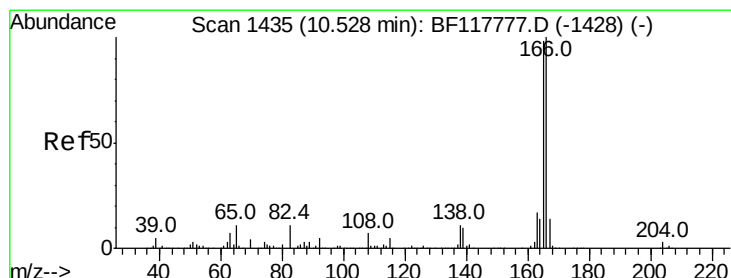
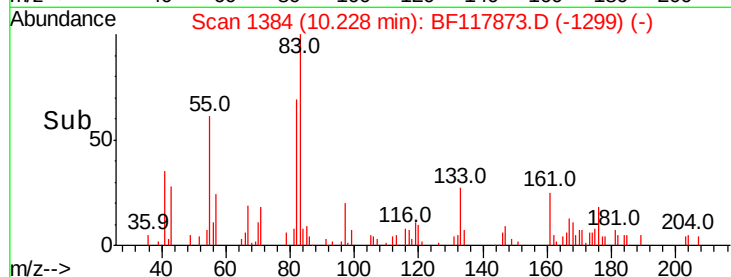
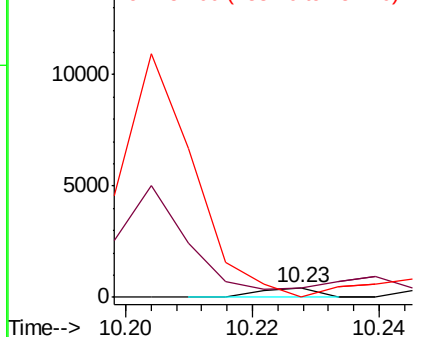
#54
2,4-Dinitrophenol
Concen: 7.302 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.20 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 257
Ion Ratio Lower Upper
184 100
63 105.5 43.0 64.6#
154 0.0 48.0 72.0#

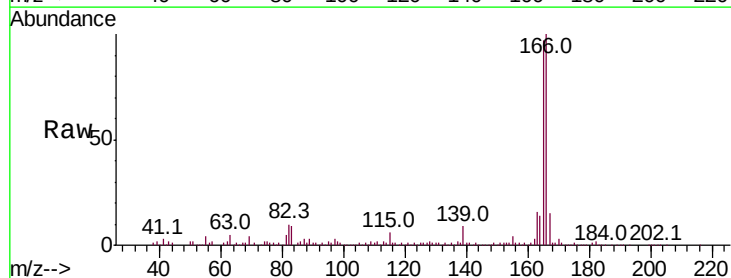


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

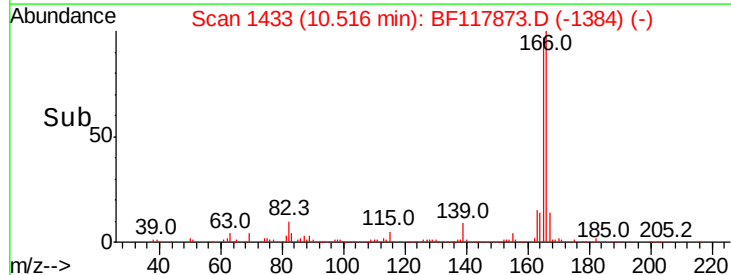
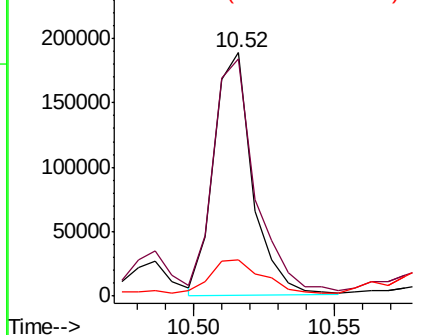


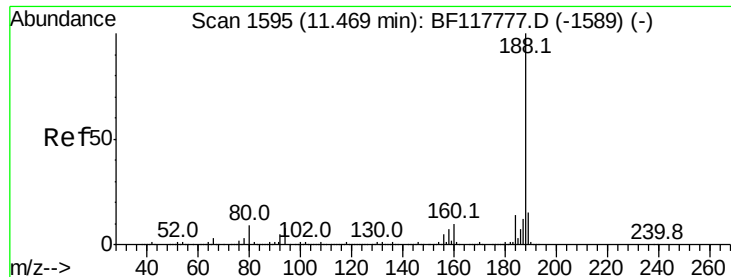
#58
Fluorene
Concen: 7.684 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Tgt Ion:166 Resp: 179887
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 14.8 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117873.D

Acq: 19 Nov 2019 21:30

Instrument :

BNA_F

ClientSampleId :

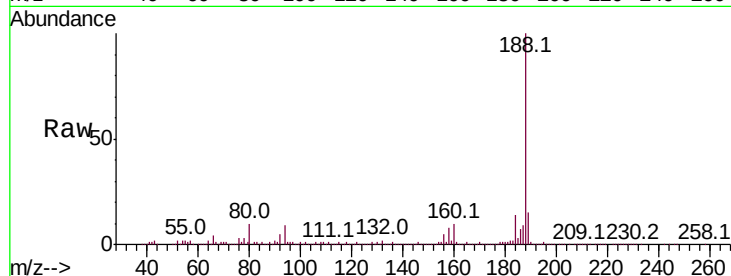
Tot Ion:188 Resp: 581353

Ion Ratio Lower Upper

188 100

94 9.4 6.6 10.0

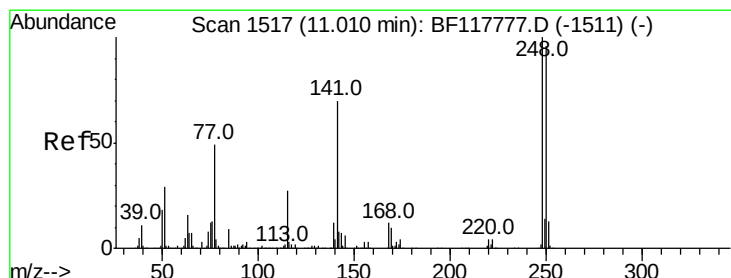
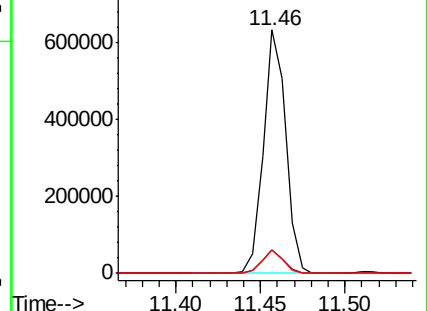
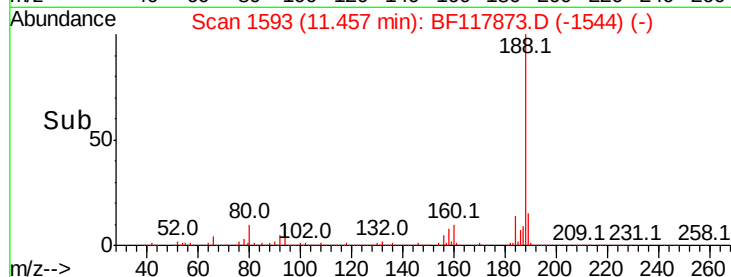
80 9.7 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 3.204 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.25 min

Lab File: BF117873.D

Acq: 19 Nov 2019 21:30

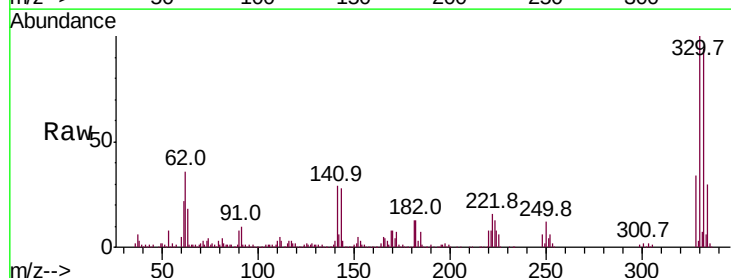
Tgt Ion:248 Resp: 20098

Ion Ratio Lower Upper

248 100

250 193.0 76.6 115.0#

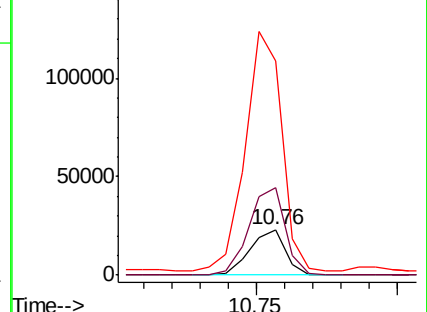
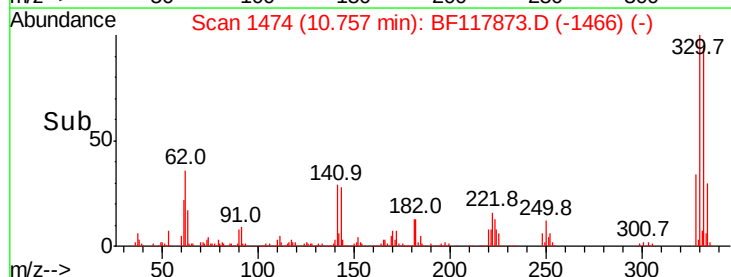
141 471.7 55.9 83.9#

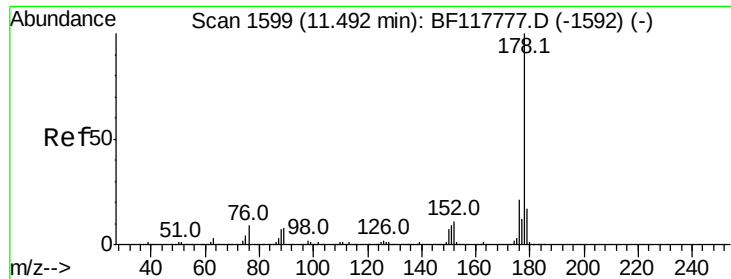


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

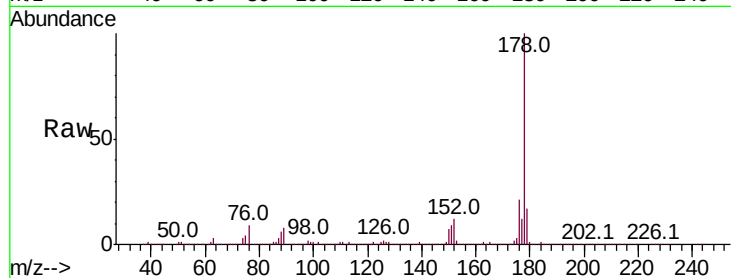




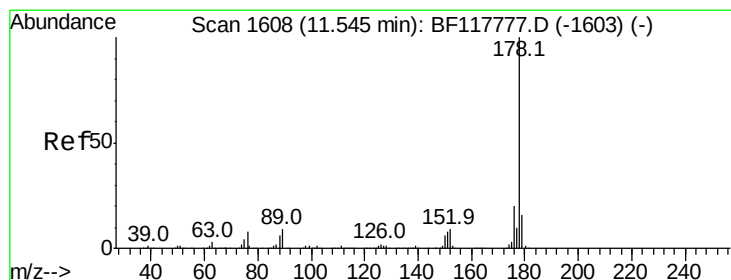
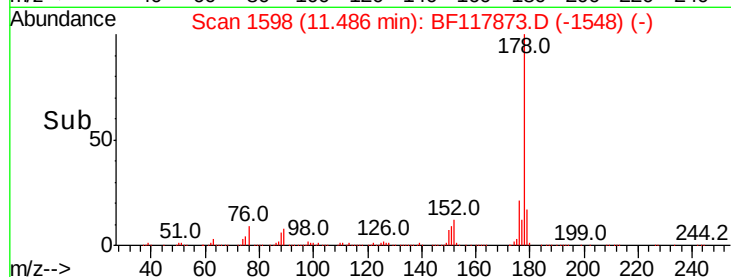
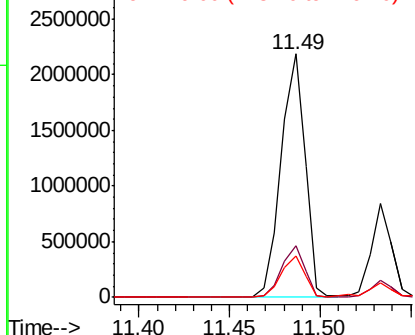
#71
Phenanthrene
Concen: 69.177 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 2021951
Ion Ratio Lower Upper
178 100
176 21.3 16.6 25.0
179 16.8 13.2 19.8

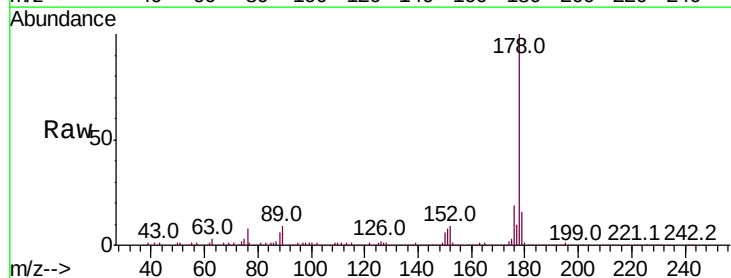


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

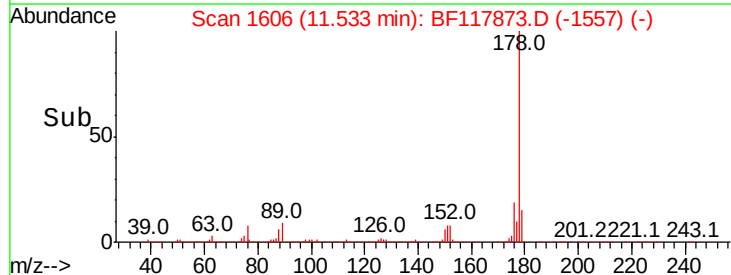
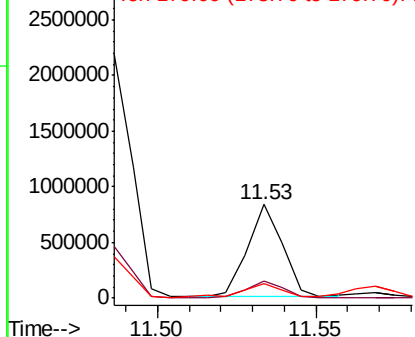


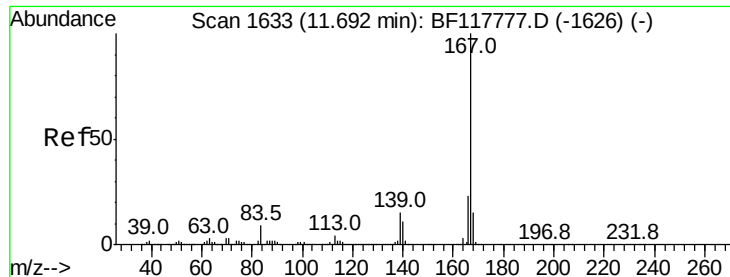
#72
Anthracene
Concen: 21.930 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Tgt Ion:178 Resp: 635513
Ion Ratio Lower Upper
178 100
176 18.8 16.1 24.1
179 15.6 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



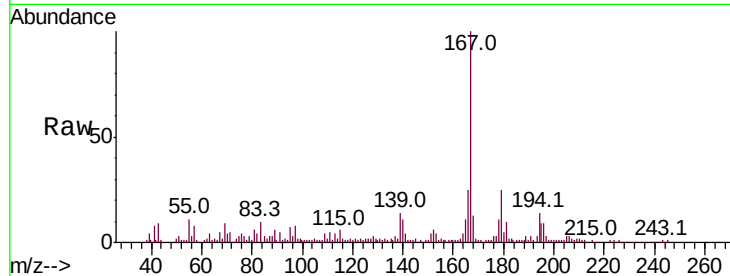


#73
 Carbazole
 Concen: 3.735 ng
 RT: 11.69 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BF117873.D
 Acq: 19 Nov 2019 21:30

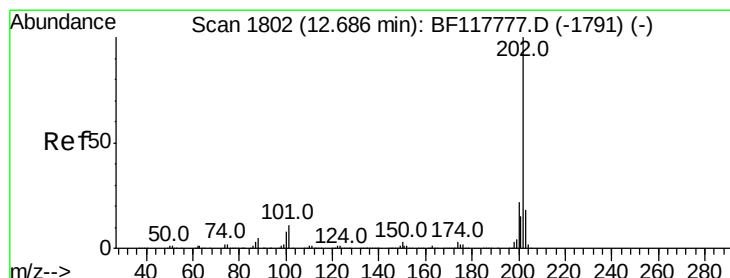
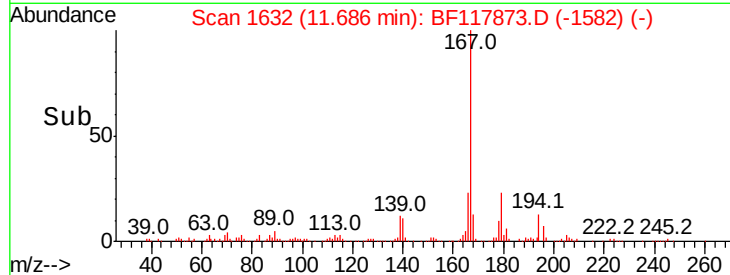
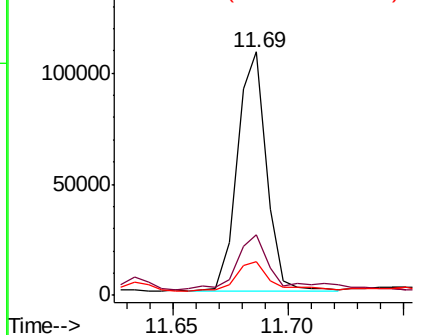
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 94588

Ion	Ratio	Lower	Upper
167	100		
166	25.1	18.0	27.0
139	13.8	11.7	17.5



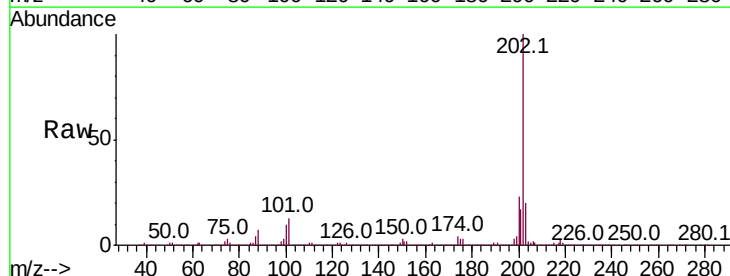
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



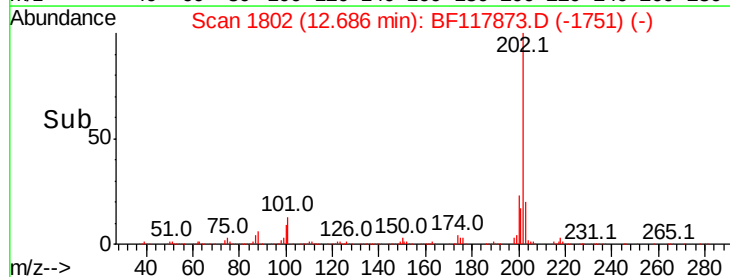
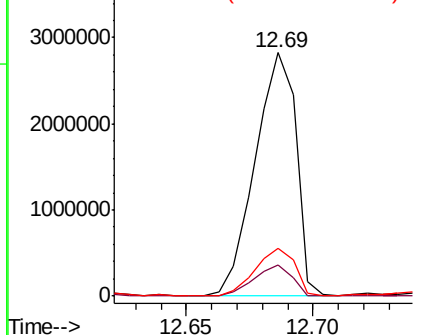
#75
 Fluoranthene
 Concen: 134.339 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BF117873.D
 Acq: 19 Nov 2019 21:30

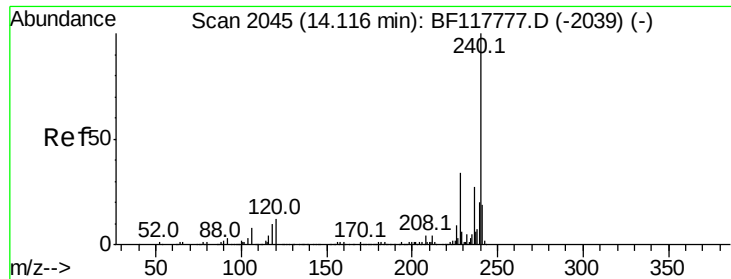
Tgt Ion:202 Resp: 3177990

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.1
203	19.8	0.0	38.2



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

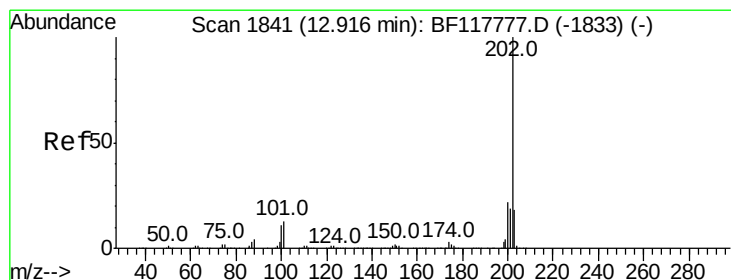
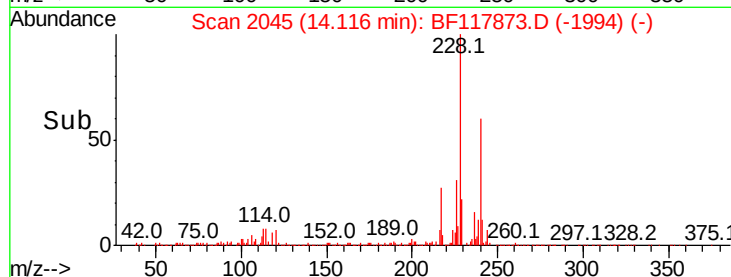
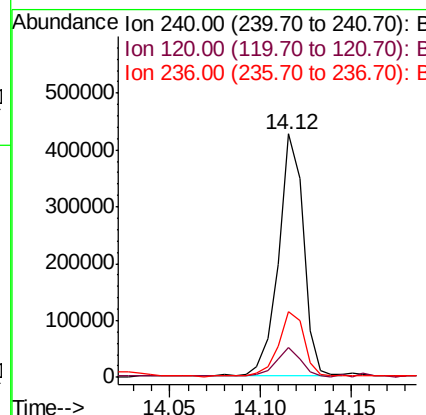
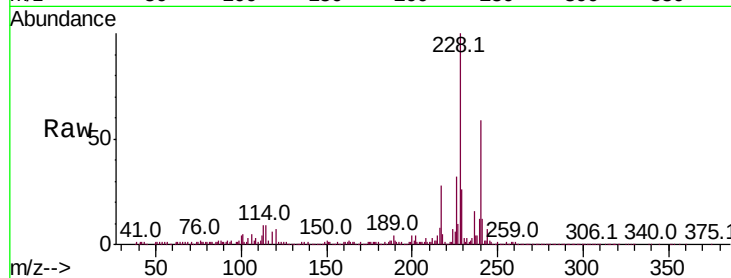




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

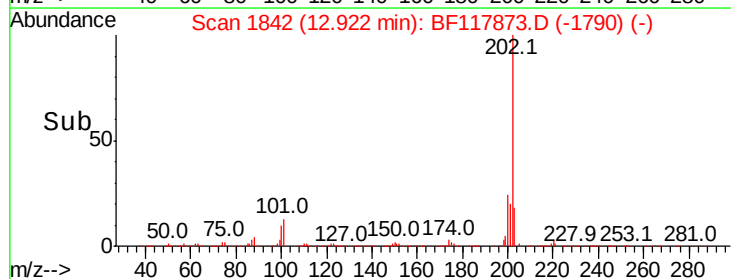
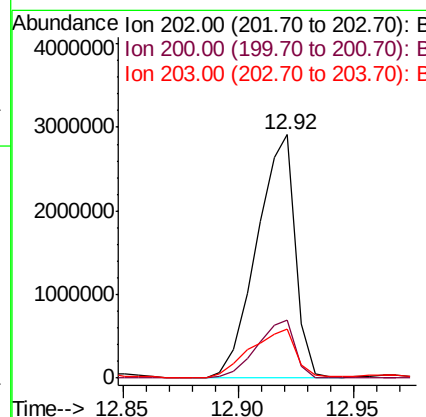
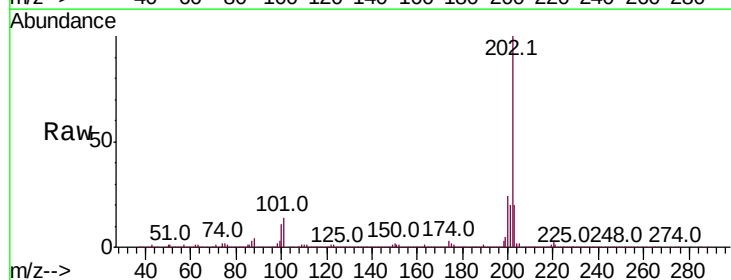
Instrument :
BNA_F
ClientSampleId :

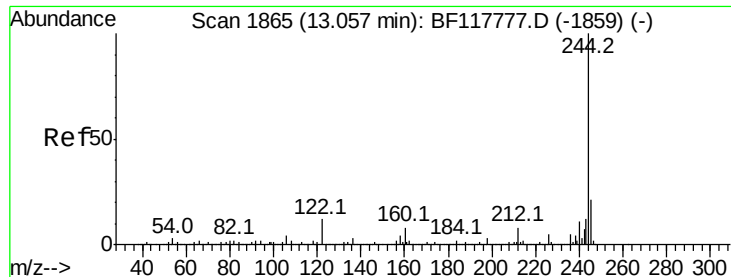
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	27.0	21.3	31.9



#78
Pyrene
Concen: 101.967 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.9	17.8	26.8
203	19.9	14.6	22.0



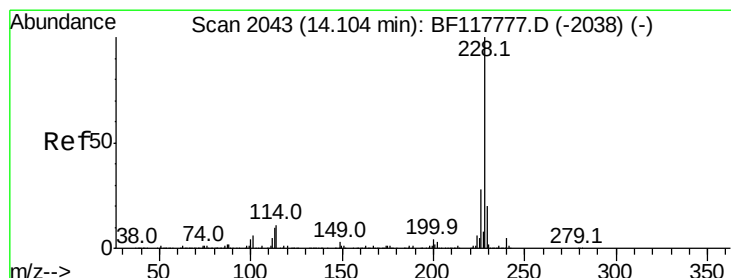
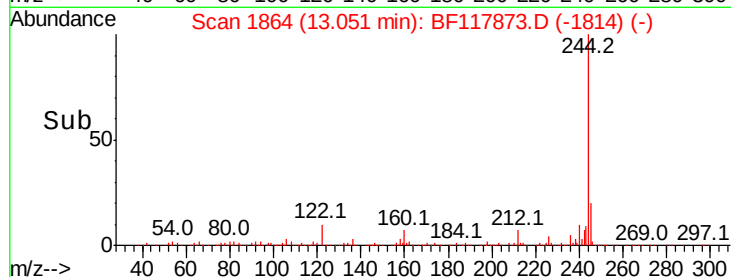
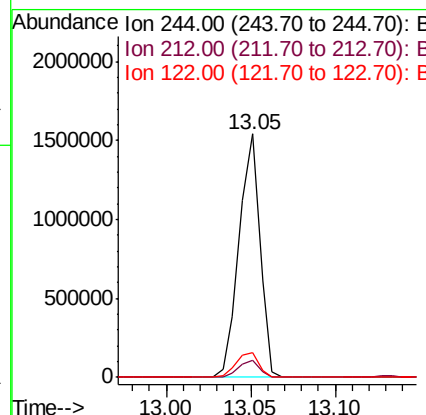
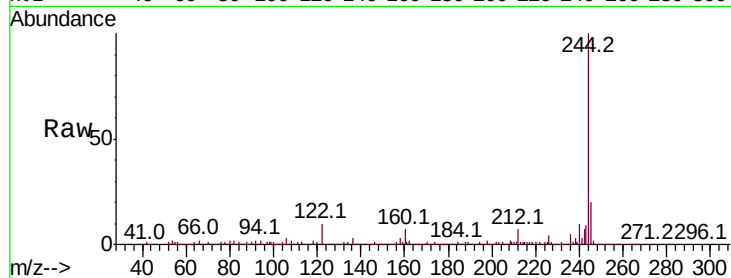


#79
 Terphenyl-d14
 Concen: 59.159 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117873.D
 Acq: 19 Nov 2019 21:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1320033

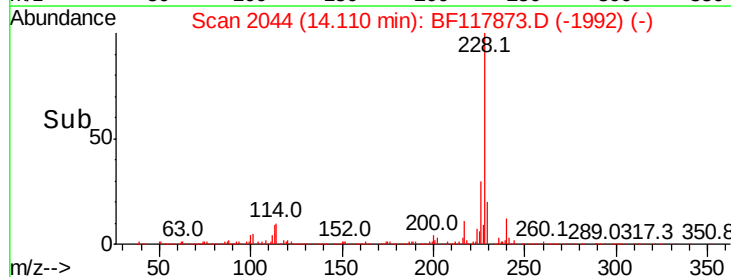
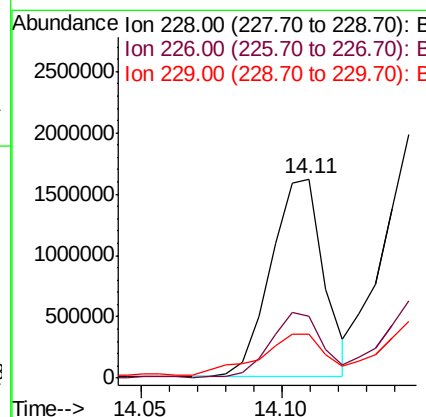
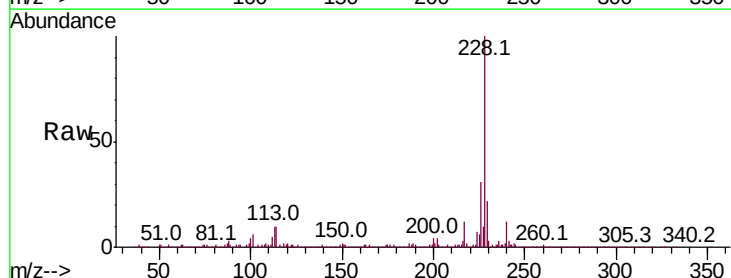
Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.3	9.5
122	10.0	9.4	14.2

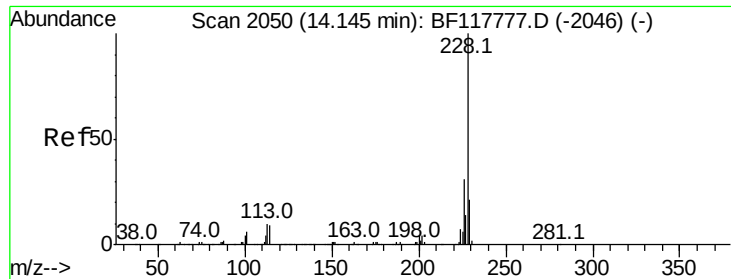


#81
 Benzo(a)anthracene
 Concen: 77.778 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF117873.D
 Acq: 19 Nov 2019 21:30

Tgt Ion:228 Resp: 2095943

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.2	33.2
229	22.2	15.9	23.9

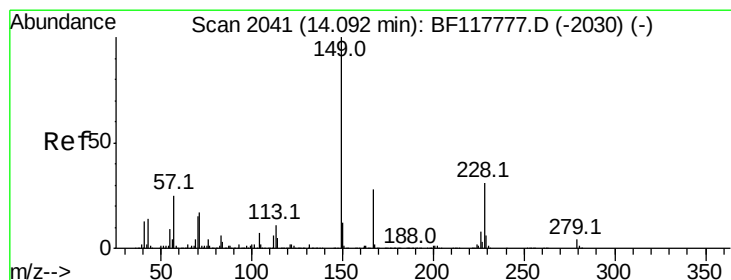
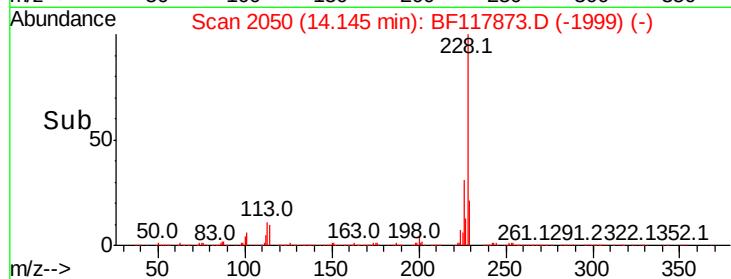
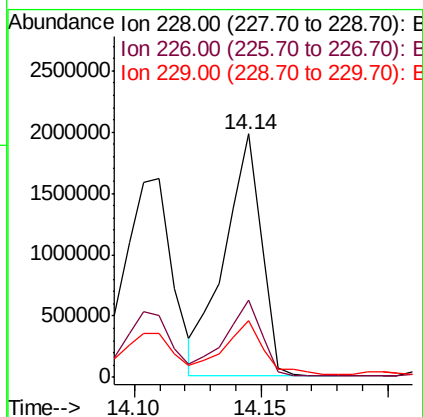
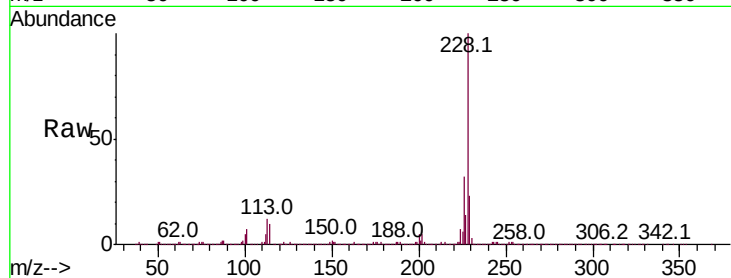




#83
Chrysene
Concen: 76.635 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

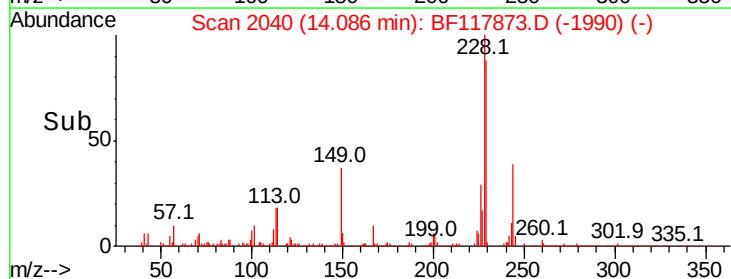
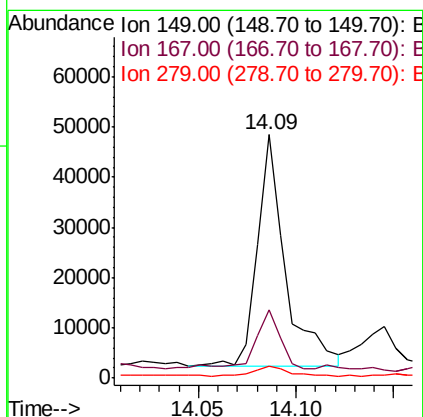
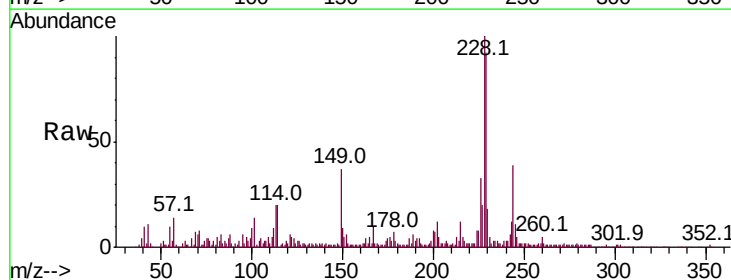
Instrument :
BNA_F
ClientSampleId :

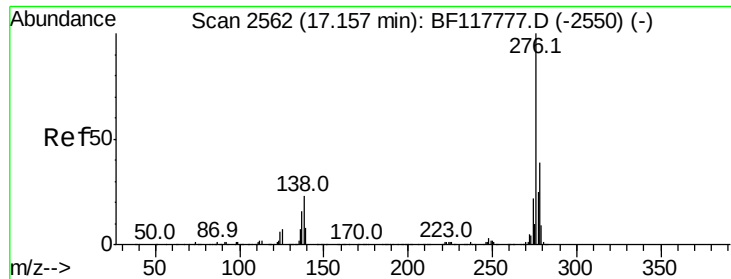
Tot Ion:228 Resp: 2001138
Ion Ratio Lower Upper
228 100
226 31.9 25.0 37.4
229 23.3 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.680 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Tgt Ion:149 Resp: 45991
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.2
279 4.7 3.4 5.2

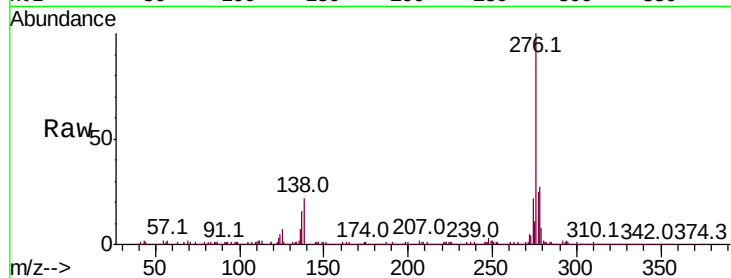




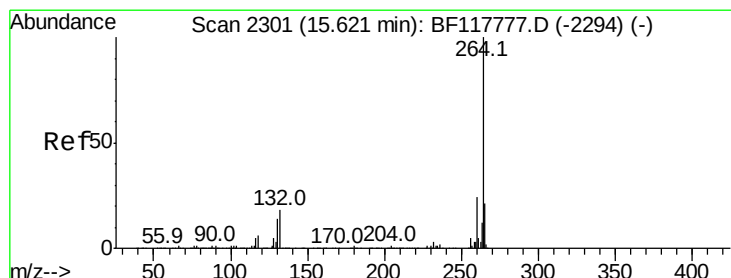
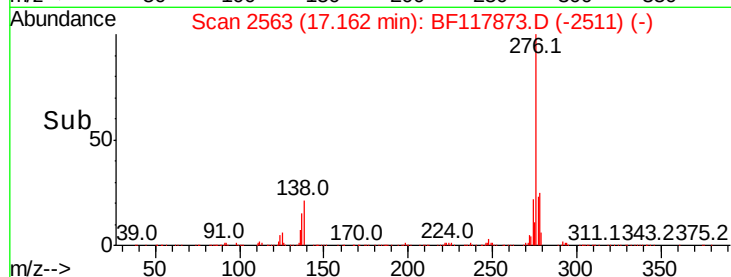
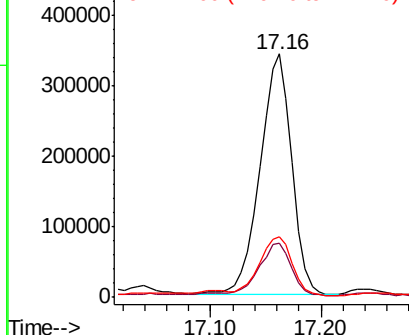
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 30.704 ng
 RT: 17.16 min Scan# 2563
 Delta R.T. 0.01 min
 Lab File: BF117873.D
 Acq: 19 Nov 2019 21:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.9	31.3
277	25.1	20.3	30.5

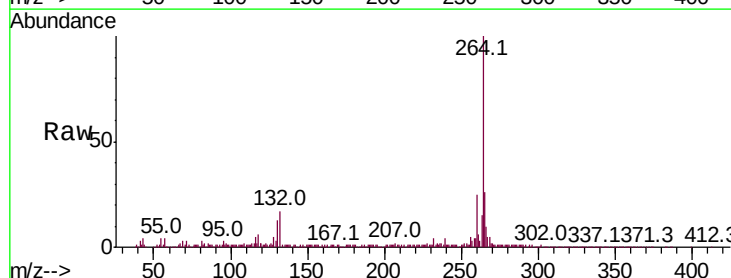


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

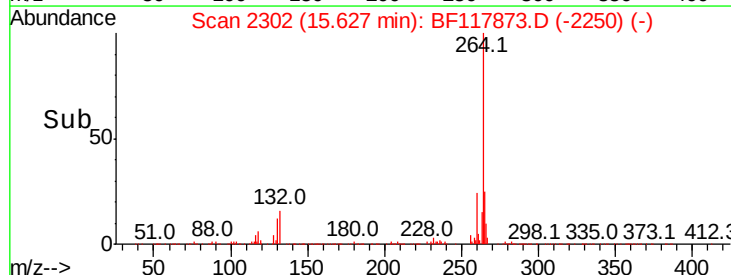
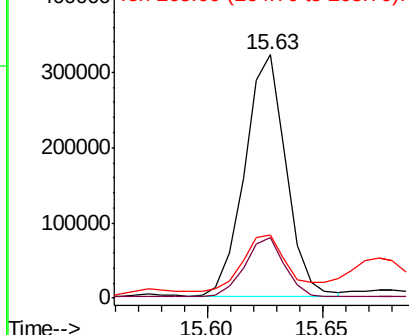


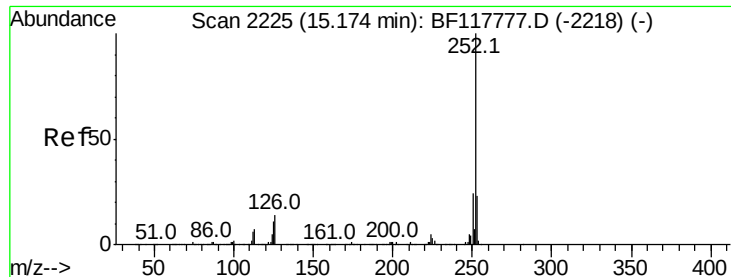
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.63 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: BF117873.D
 Acq: 19 Nov 2019 21:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.0
265	26.0	17.1	25.7#



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 103.259 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.01 min

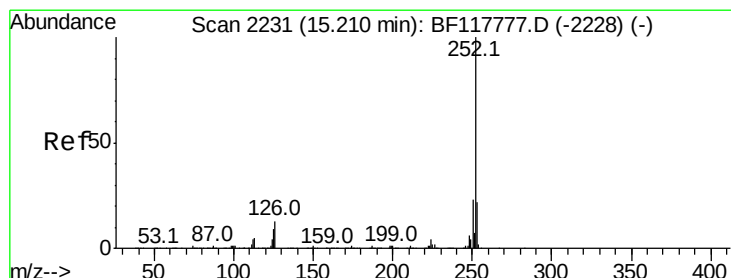
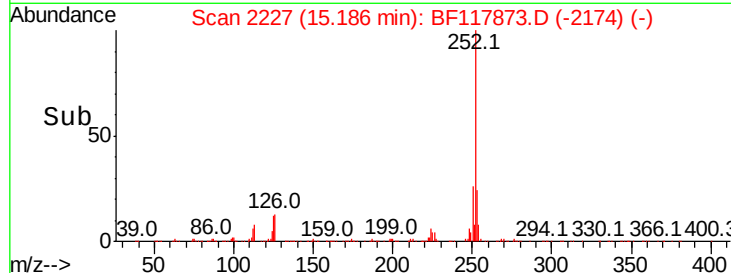
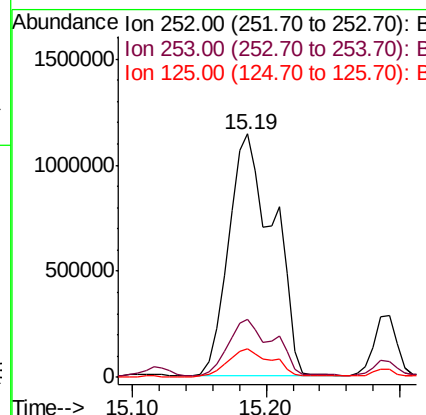
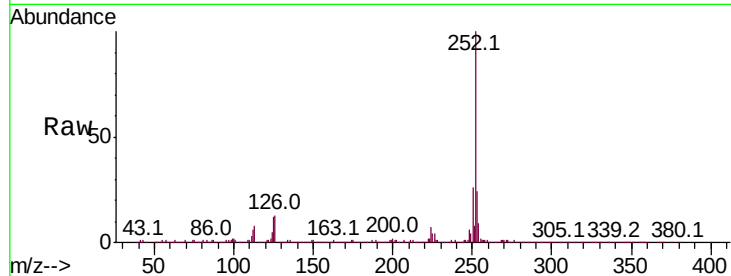
Lab File: BF117873.D

Acq: 19 Nov 2019 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2671421

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	11.9	8.6	13.0



#89

Benzo(k)fluoranthene

Concen: 109.590 ng

RT: 15.19 min Scan# 2227

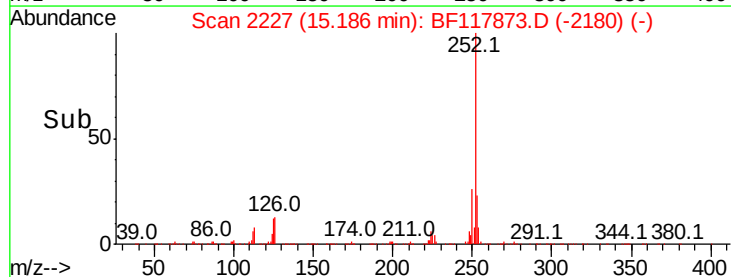
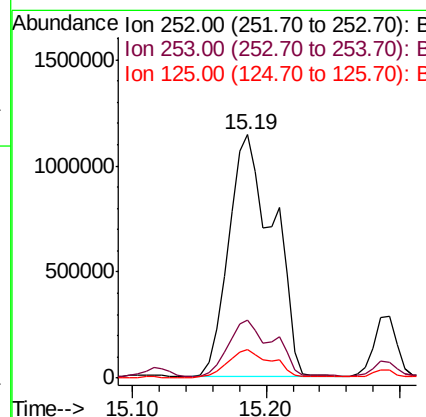
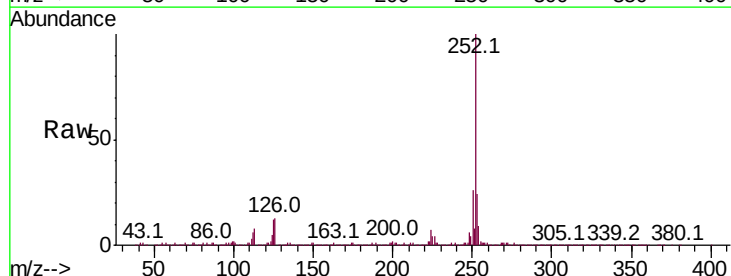
Delta R.T. -0.02 min

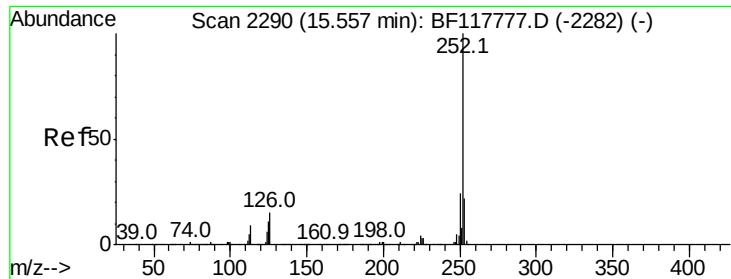
Lab File: BF117873.D

Acq: 19 Nov 2019 21:30

Tgt Ion:252 Resp: 2671421

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	11.9	7.9	11.9

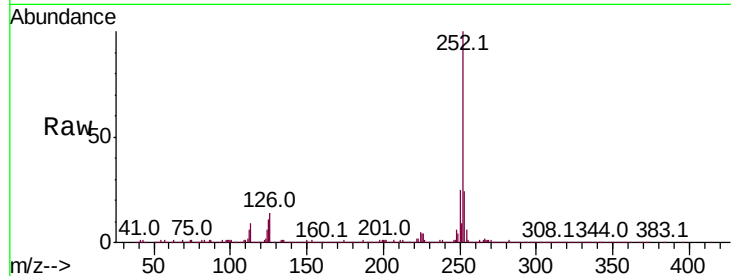




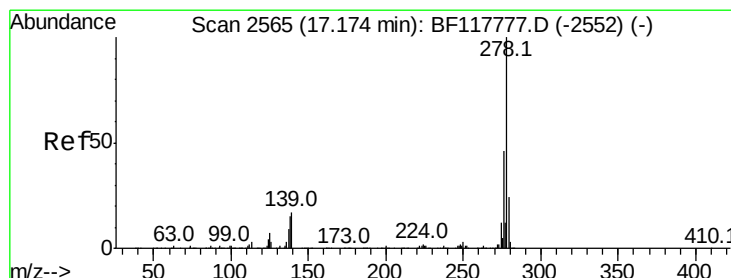
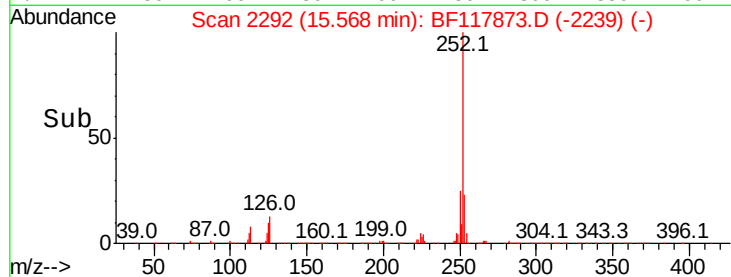
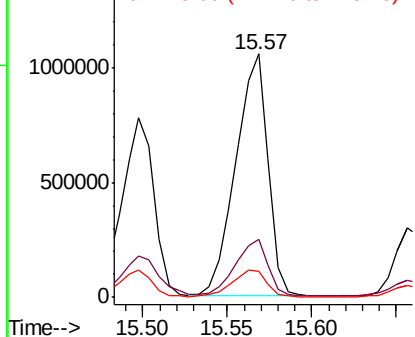
#90
Benzo(a)pyrene
Concen: 61.685 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1403308
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 10.7 9.2 13.8

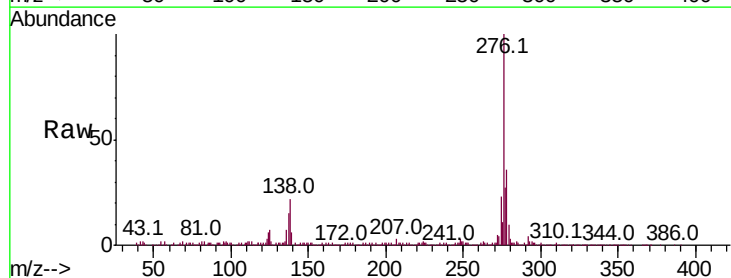


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

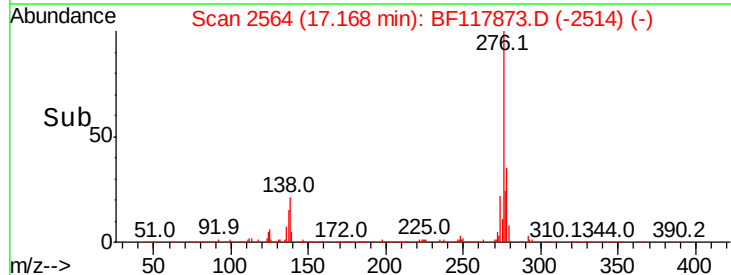
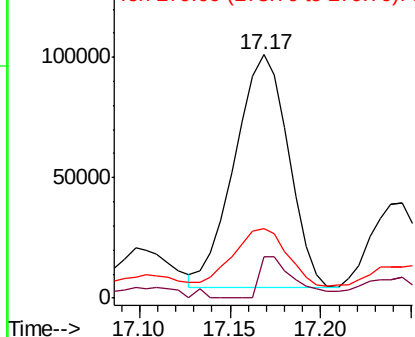


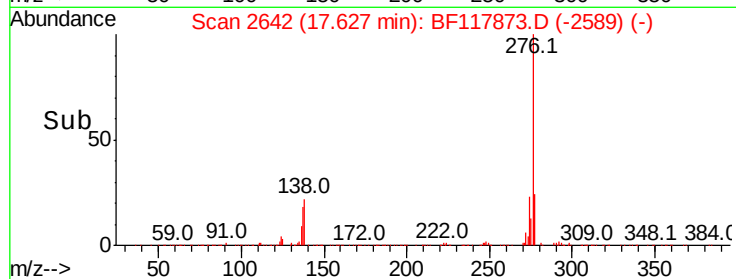
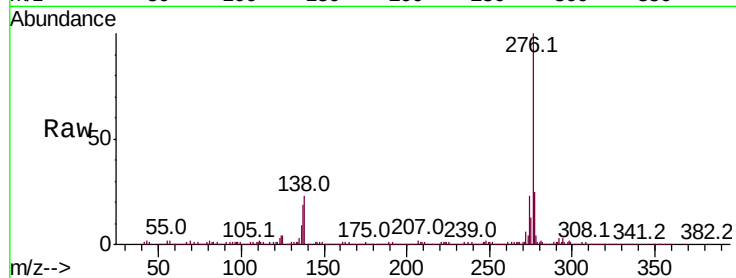
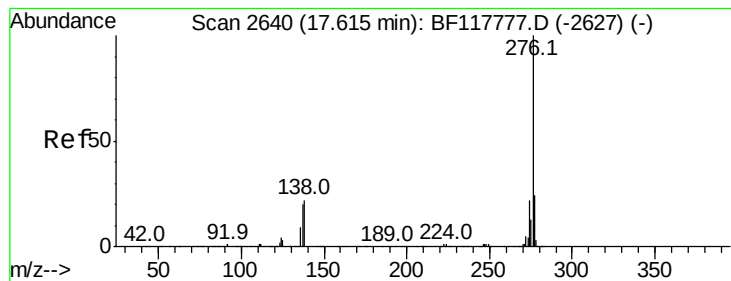
#91
Dibenzo(a,h)anthracene
Concen: 10.146 ng
RT: 17.17 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BF117873.D
Acq: 19 Nov 2019 21:30

Tgt Ion:278 Resp: 198673
Ion Ratio Lower Upper
278 100
139 16.8 13.8 20.8
279 28.4 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 33.569 ng

RT: 17.63 min Scan# 2642

Delta R.T. 0.01 min

Lab File: BF117873.D

Acq: 19 Nov 2019 21:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 654696

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 22.8 17.4 26.2

