

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

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 06:59:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	39139	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	161238	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	73978	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	108502	20.00	ng	0.00
76) Chrysene-d12	13.90	240	70359	20.00	ng	0.00
87) Perylene-d12	15.33	264	57764	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	32051	12.18	ng	0.02
7) Phenol-d6	6.40	99	52328	14.81	ng	0.02
23) Nitrobenzene-d5	7.30	82	28482	8.72	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	7899	12.34	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	53578	10.20	ng	-0.01
79) Terphenyl-d14	12.83	244	43368	10.05	ng	0.00

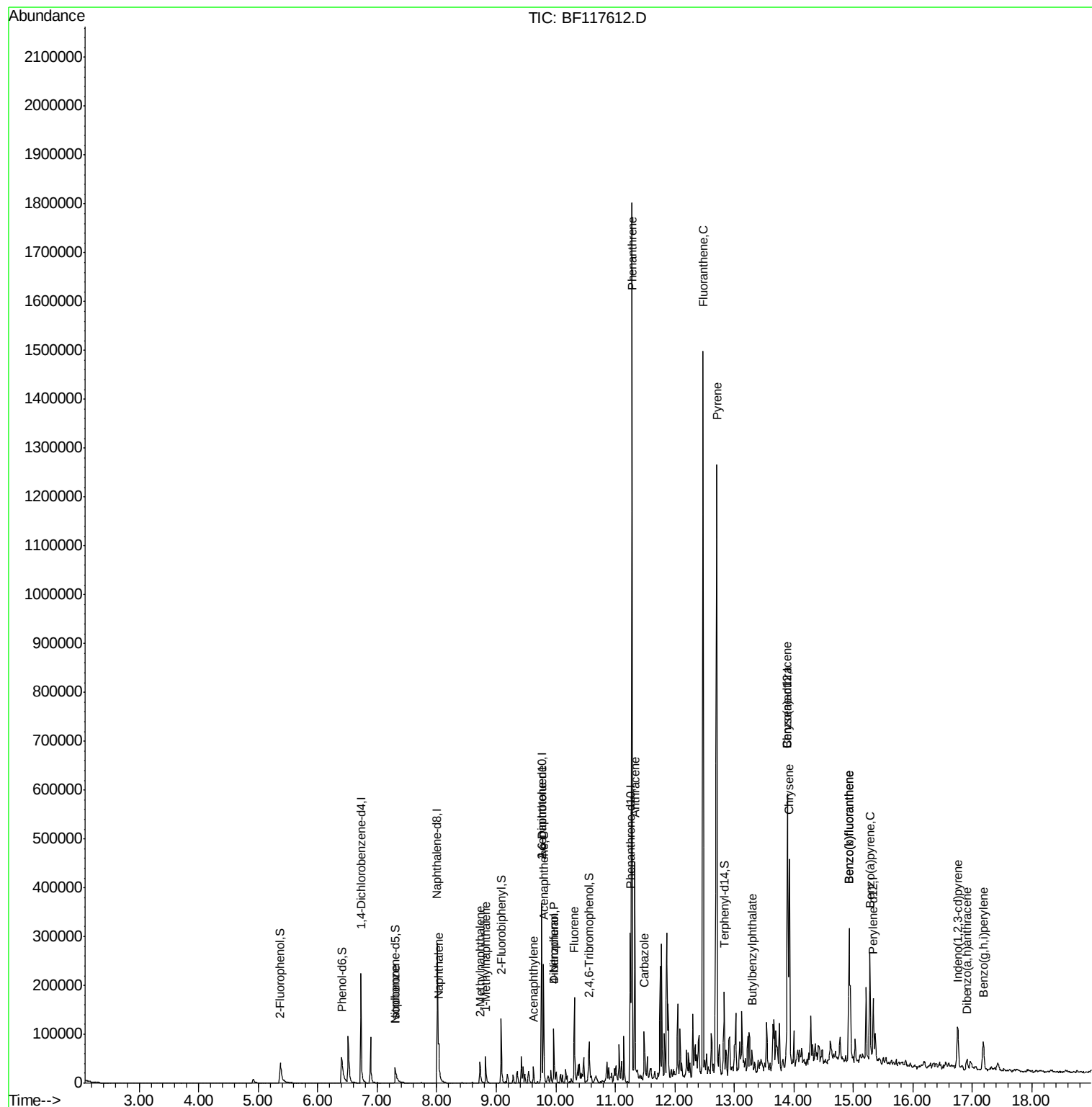
Target Compounds				Qvalue		
9) Benzaldehyde	6.51	77	786	Below Cal	#	82
25) Isophorone	7.30	82	28482	5.041	ng	65
31) Naphthalene	8.03	128	39078	4.890	ng	97
37) 2-Methylnaphthalene	8.73	142	18915	3.512	ng	99
38) 1-Methylnaphthalene	8.82	142	19783	3.909	ng	100
49) Acenaphthylene	9.63	152	13566	2.000	ng	97
51) 2,6-Dinitrotoluene	9.76	165	10776	9.792	ng	24
52) Acenaphthene	9.79	154	53774	12.922	ng	97
55) Dibenzofuran	9.97	168	46112	7.648	ng	99
56) 4-Nitrophenol	9.97	139	18059	31.994	ng	7
58) Fluorene	10.31	166	53904	10.812	ng	99
71) Phenanthrene	11.28	178	677845	107.589	ng	99
72) Anthracene	11.33	178	178459	27.606	ng	99
73) Carbazole	11.49	167	41438	7.014	ng	97
75) Fluoranthene	12.47	202	585165	92.779	ng	99
77) Benzidine	12.83	184	526	Below Cal	#	67
78) Pyrene	12.70	202	543711	89.967	ng	100
80) Butylbenzylphthalate	13.30	149	9564	3.180	ng	92
81) Benzo(a)anthracene	13.89	228	189712	39.973	ng	98
83) Chrysene	13.93	228	162097	34.849	ng	98
86) Indeno(1,2,3-cd)pyrene	16.75	276	48916	14.086	ng	96
88) Benzo(b)fluoranthene	14.93	252	184143	53.984	ng	99
89) Benzo(k)fluoranthene	14.93	252	184143	52.671	ng	98
90) Benzo(a)pyrene	15.27	252	99073	31.945	ng	95
91) Dibenzo(a,h)anthracene	16.92	278	12018	4.482	ng	95
92) Benzo(g,h,i)perylene	17.18	276	46955	18.506	ng	97

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

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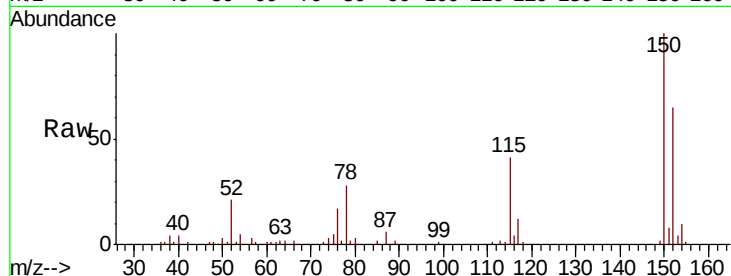


#1

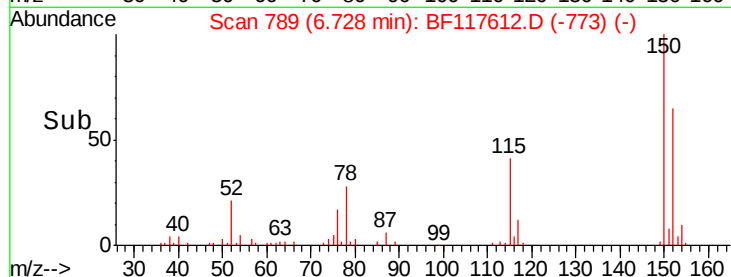
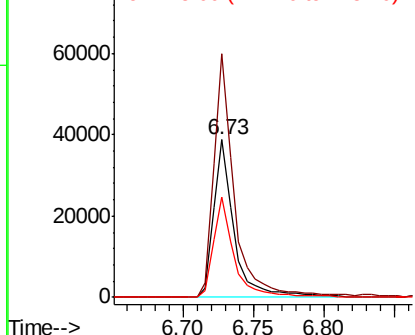
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 39139
Ion Ratio Lower Upper
152 100
150 154.6 126.8 190.2
115 63.6 51.6 77.4



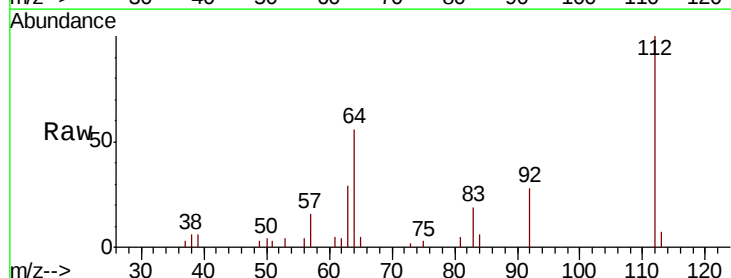
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



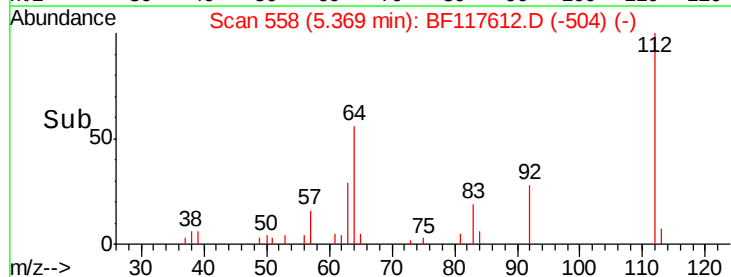
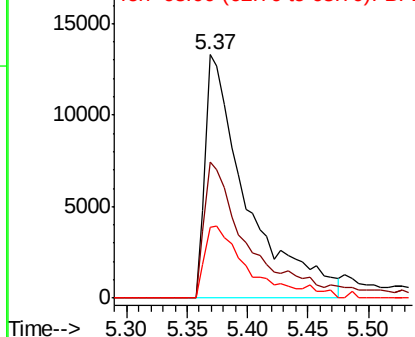
#5

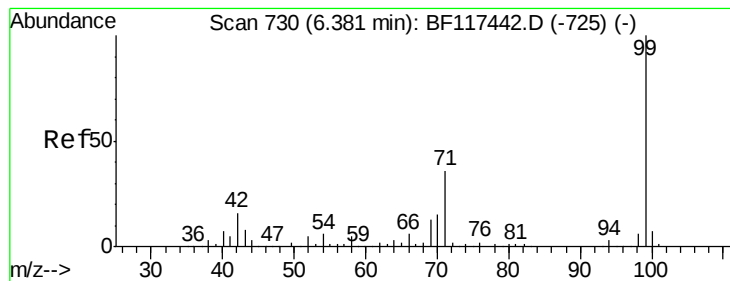
2-Fluorophenol
Concen: 12.183 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:112 Resp: 32051
Ion Ratio Lower Upper
112 100
64 55.7 44.1 66.1
63 29.2 23.4 35.2



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: 14.809 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF117612.D

Acq: 30 Oct 2019 1:42

Instrument :

BNA_F

ClientSampled :

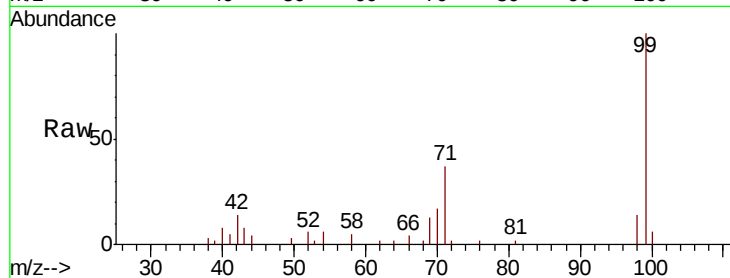
Tot Ion: 99 Resp: 52328

Ion Ratio Lower Upper

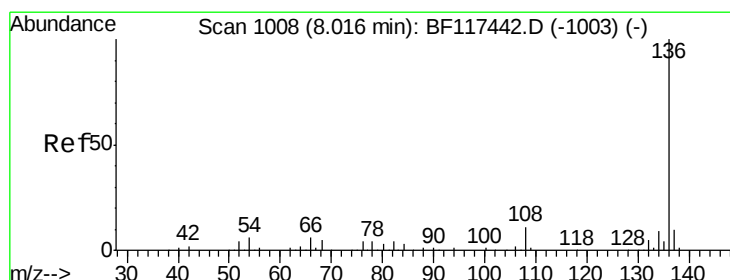
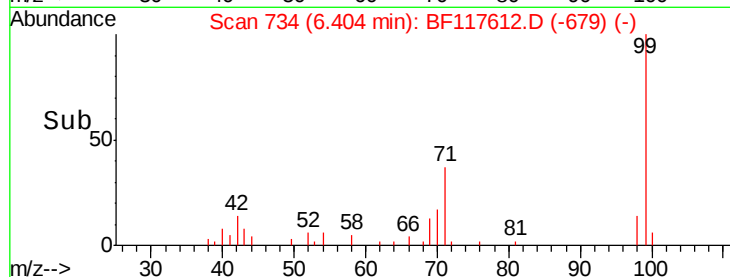
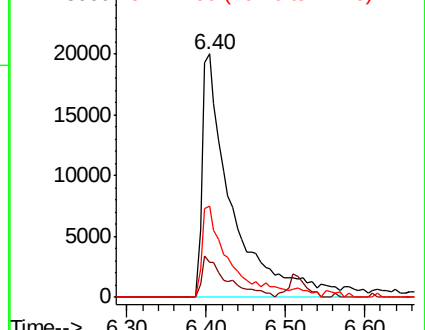
99 100

42 14.3 12.8 19.2

71 37.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117612.D

Acq: 30 Oct 2019 1:42

Tgt Ion: 136 Resp: 161238

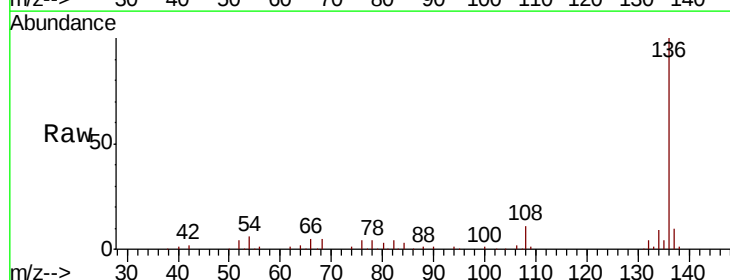
Ion Ratio Lower Upper

136 100

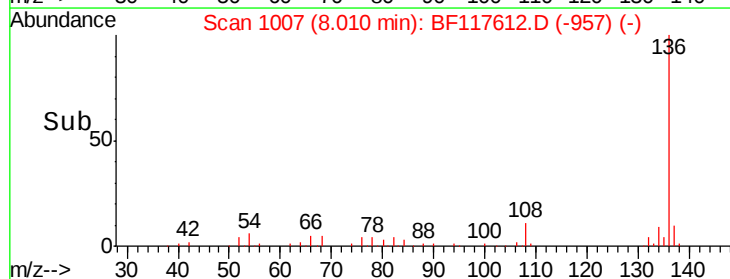
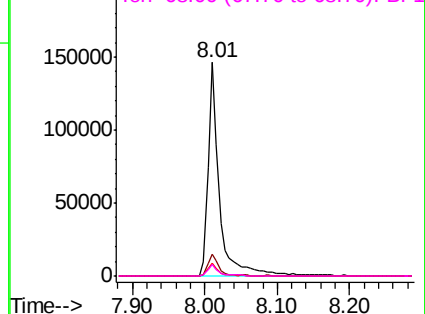
137 10.2 8.2 12.4

54 5.9 4.5 6.7

68 5.5 4.3 6.5



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

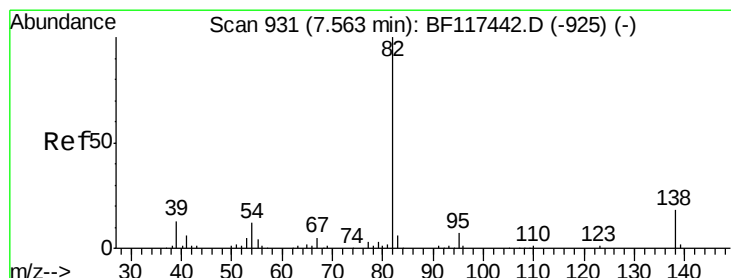
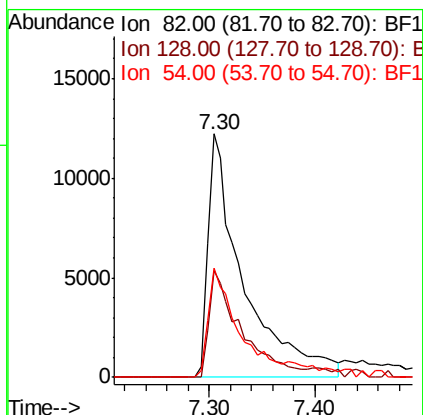
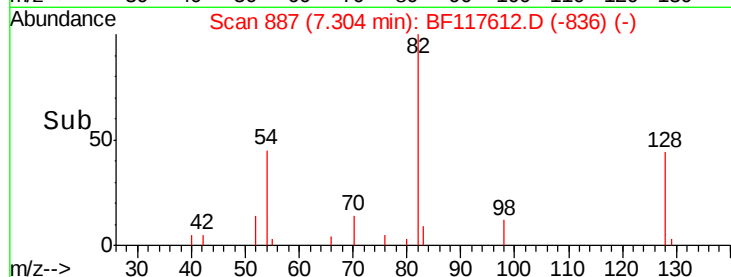
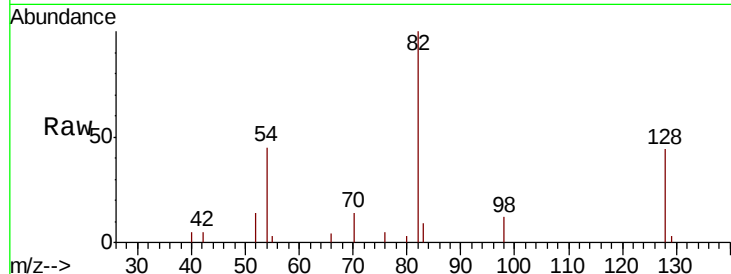




#23
Nitrobenzene-d5
Concen: 8.721 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

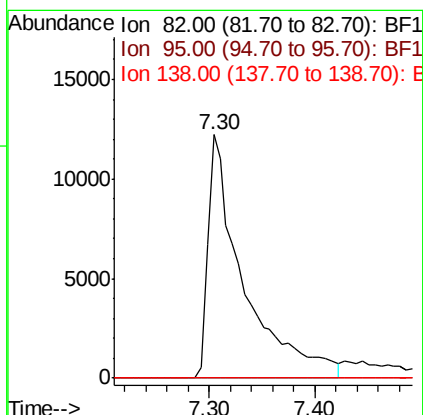
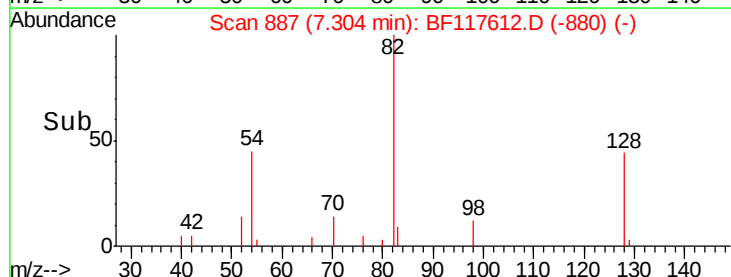
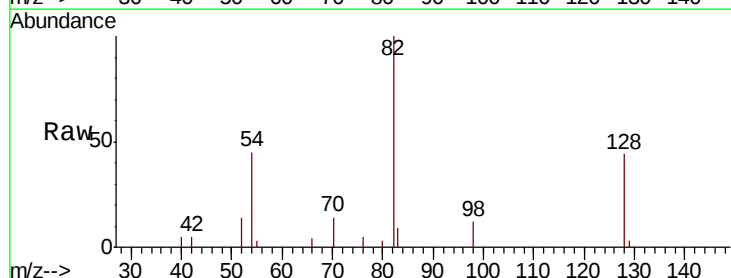
Instrument :
BNA_F
ClientSampleId :

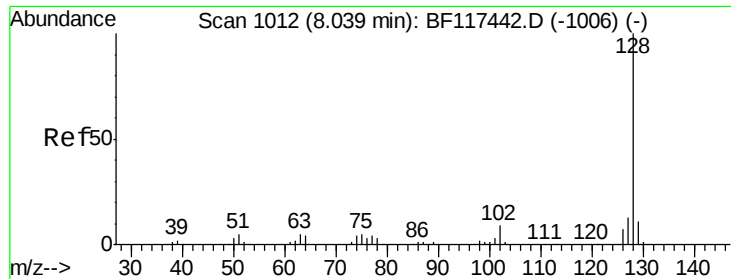
Tot Ion	82	Resp	28482
Ion Ratio	Lower	Upper	
82	100		
128	43.9	32.2	48.2
54	44.9	34.2	51.2



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

Tgt Ion	82	Resp	28482
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

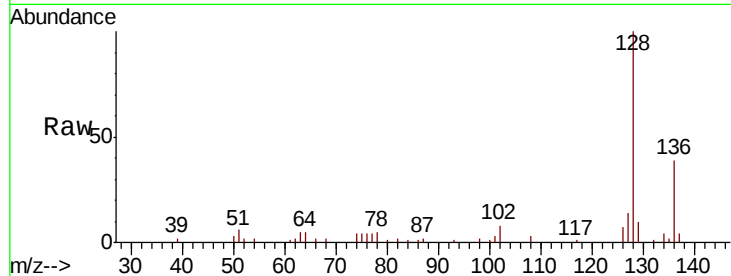




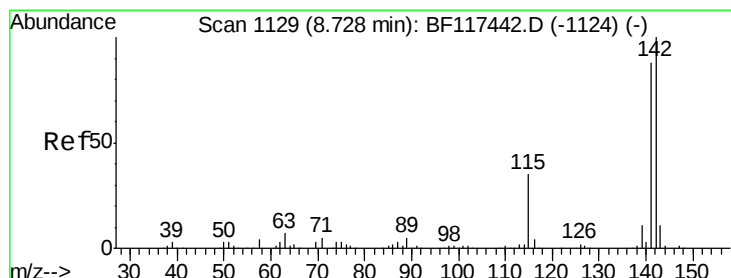
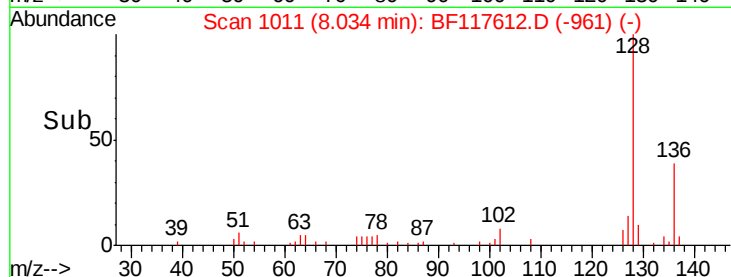
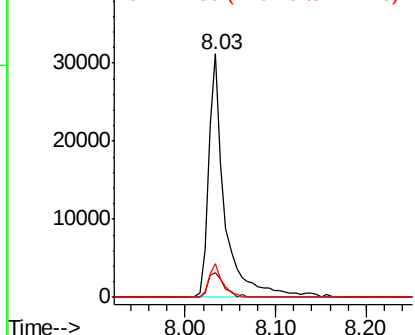
#31
Naphthalene
Concen: 4.890 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 39078
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 13.9 10.2 15.2

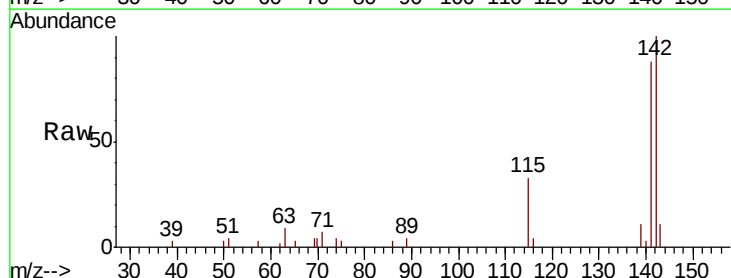


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

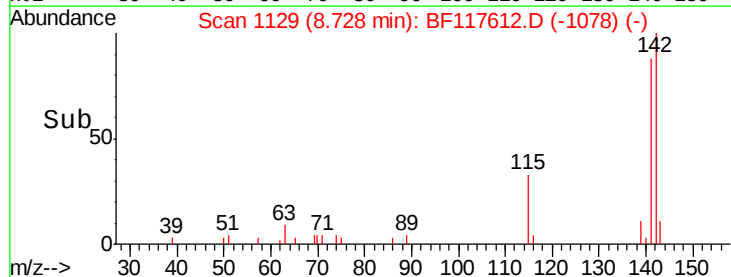
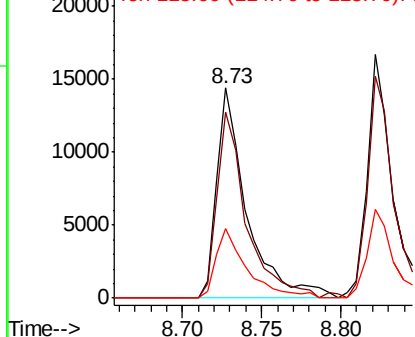


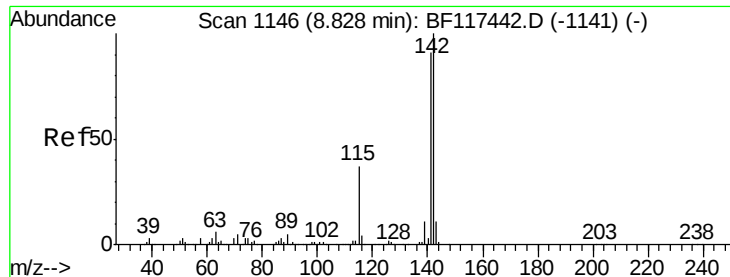
#37
2-Methylnaphthalene
Concen: 3.512 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:142 Resp: 18915
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 33.3 28.2 42.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

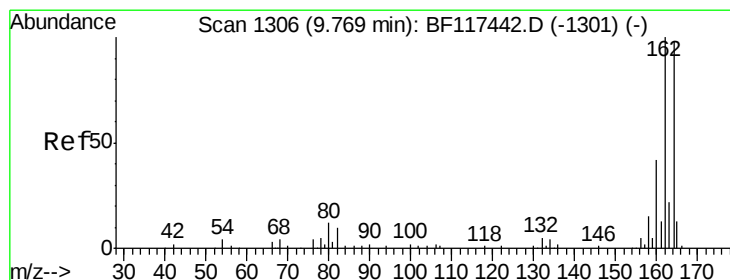
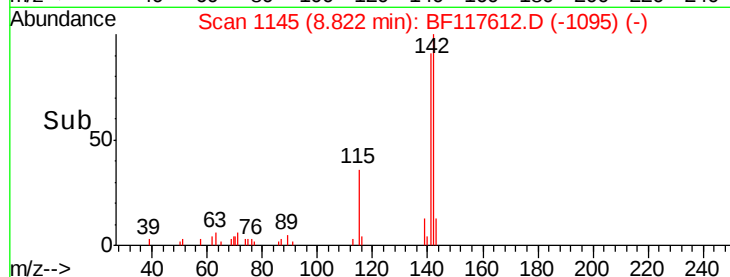
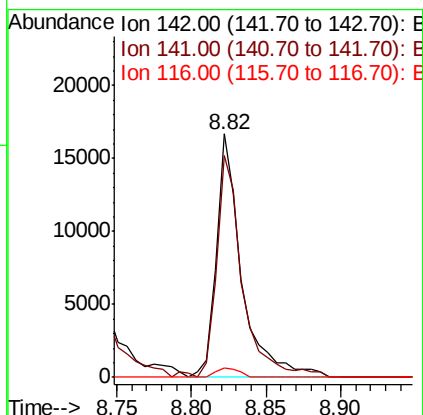
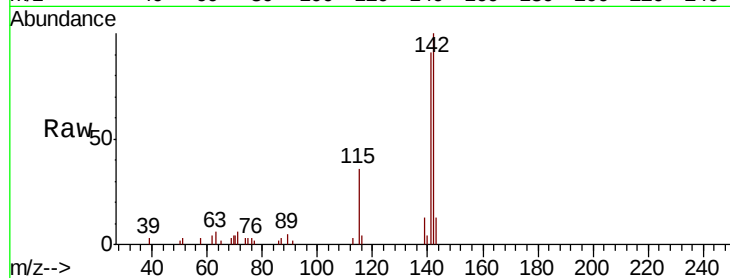




#38
1-Methylnaphthalene
Concen: 3.909 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

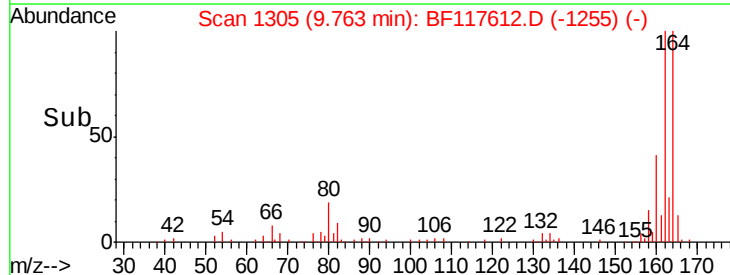
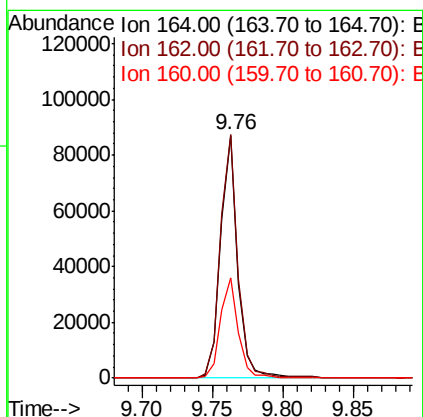
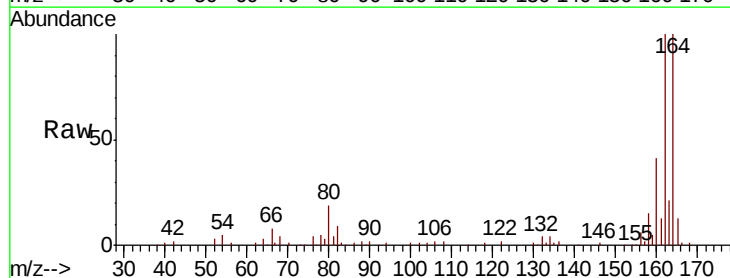
Instrument :
BNA_F
ClientSampleId :

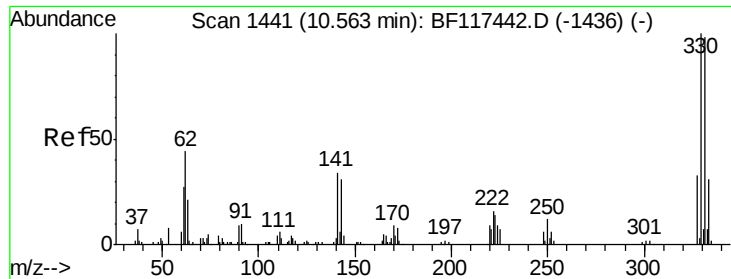
Tot Ion:142 Resp: 19783
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9
116 3.9 3.1 4.7



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

Tgt Ion:164 Resp: 73978
Ion Ratio Lower Upper
164 100
162 100.3 81.8 122.6
160 41.4 34.4 51.6

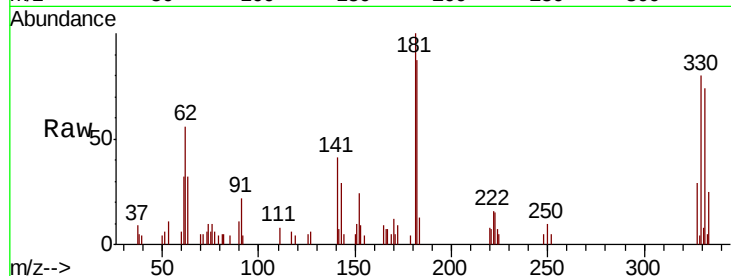




#42
 2,4,6-Tribromophenol
 Concen: 12.340 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF117612.D
 Acq: 30 Oct 2019 1:42

Instrument :
 BNA_F
 ClientSampled :

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

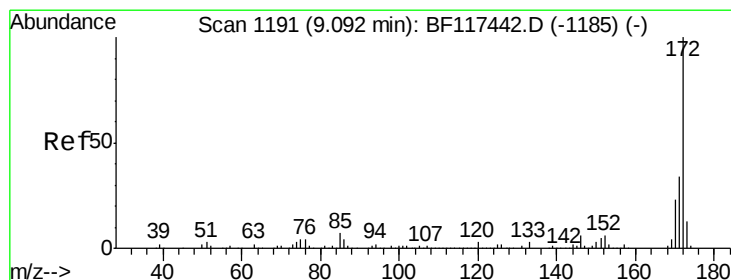
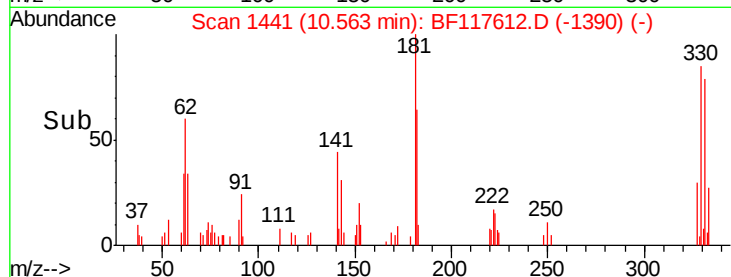
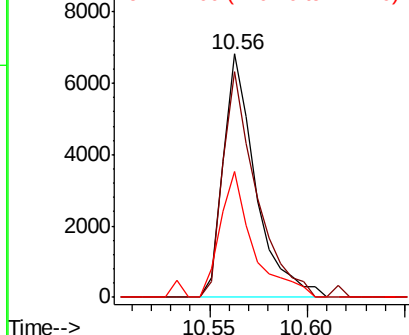


Abundance

Ion 329.80 (329.50 to 330.50): E

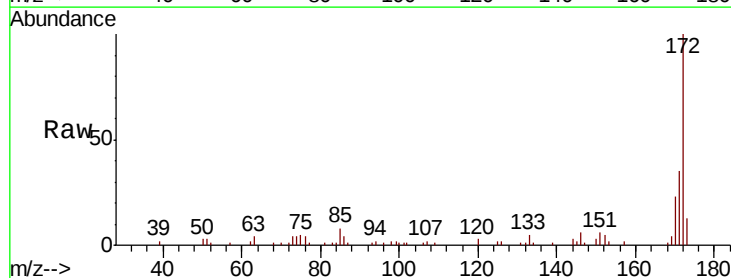
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



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

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

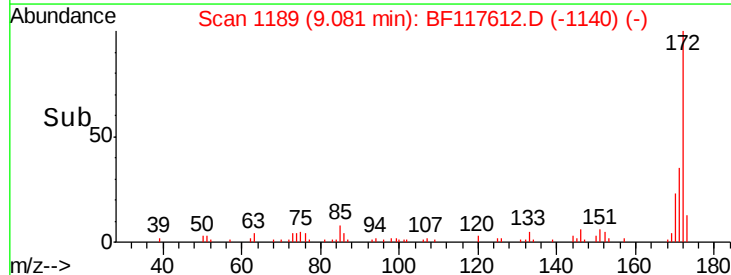
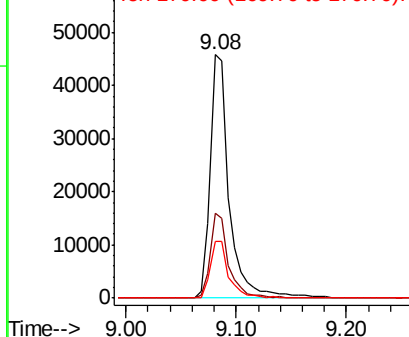


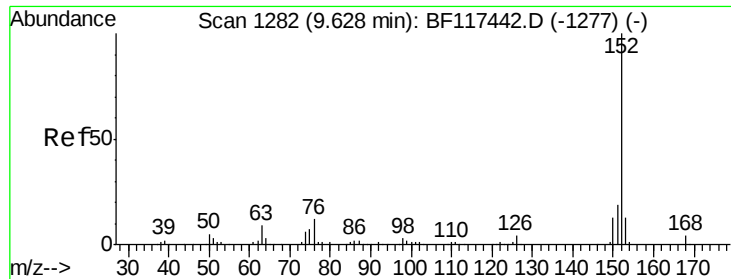
Abundance

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: 2.000 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117612.D

Acq: 30 Oct 2019 1:42

Instrument :

BNA_F

ClientSampleId :

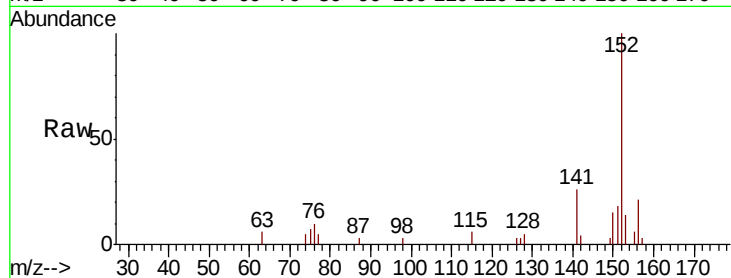
Tot Ion:152 Resp: 13566

Ion Ratio Lower Upper

152 100

151 17.8 15.4 23.0

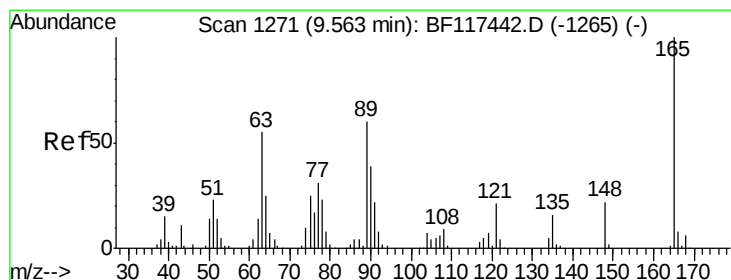
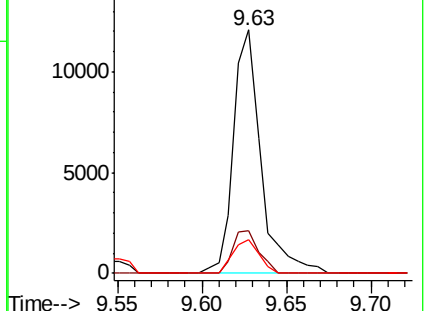
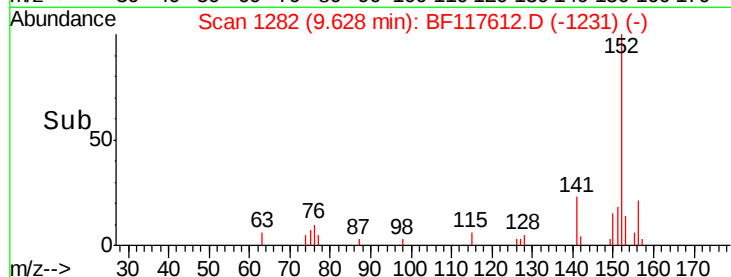
153 13.8 10.3 15.5



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



#51

2,6-Dinitrotoluene

Concen: 9.792 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.20 min

Lab File: BF117612.D

Acq: 30 Oct 2019 1:42

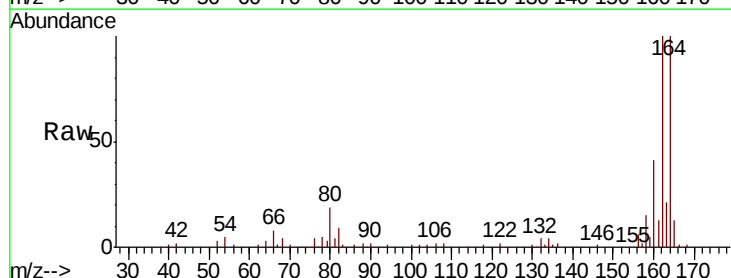
Tgt Ion:165 Resp: 10776

Ion Ratio Lower Upper

165 100

63 0.0 43.8 65.8#

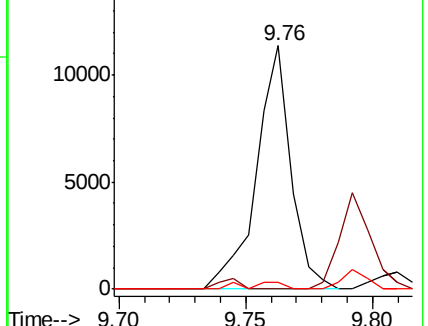
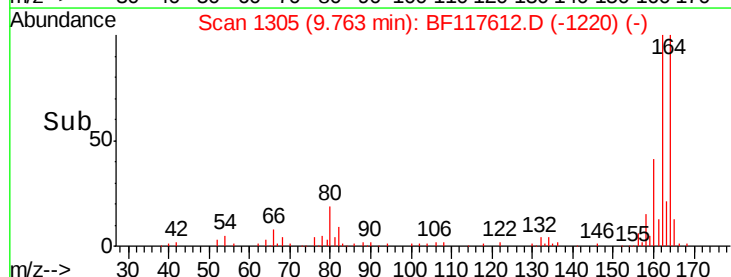
89 2.7 47.6 71.4#

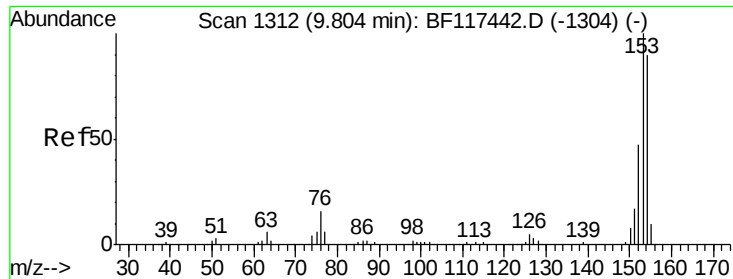


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 12.922 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF117612.D

Acq: 30 Oct 2019 1:42

Instrument :

BNA_F

ClientSampleId :

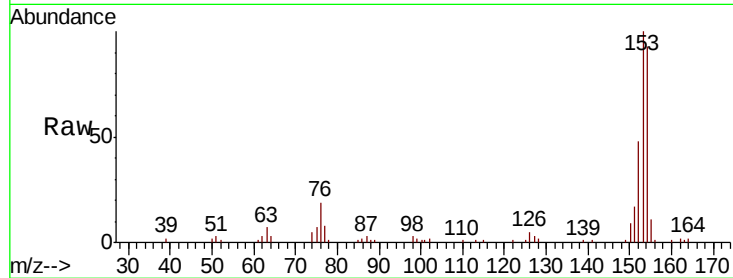
Tot Ion:154 Resp: 53774

Ion Ratio Lower Upper

154 100

153 107.5 89.2 133.8

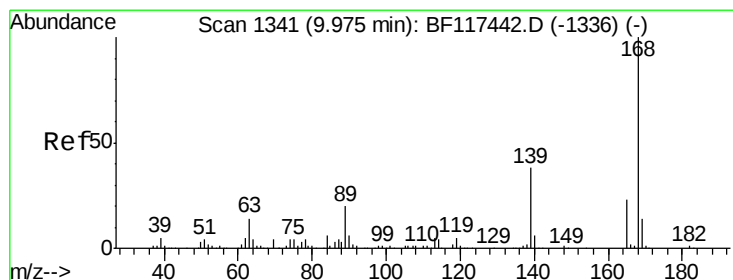
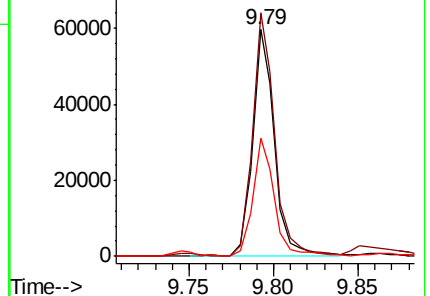
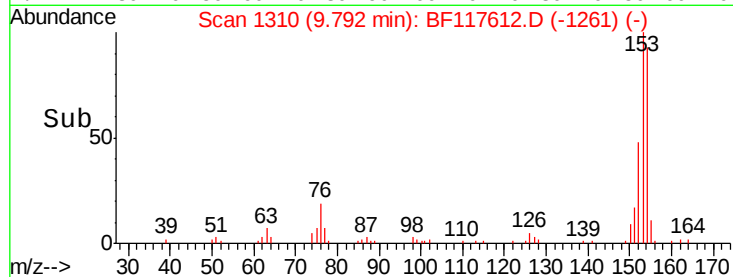
152 52.1 41.8 62.6



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



#55

Dibenzofuran

Concen: 7.648 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF117612.D

Acq: 30 Oct 2019 1:42

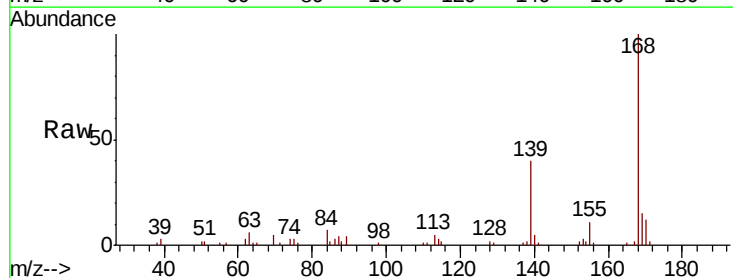
Tgt Ion:168 Resp: 46112

Ion Ratio Lower Upper

168 100

139 39.8 31.8 47.6

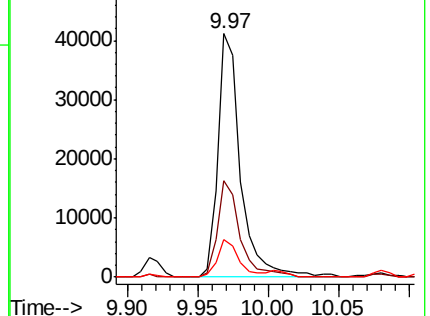
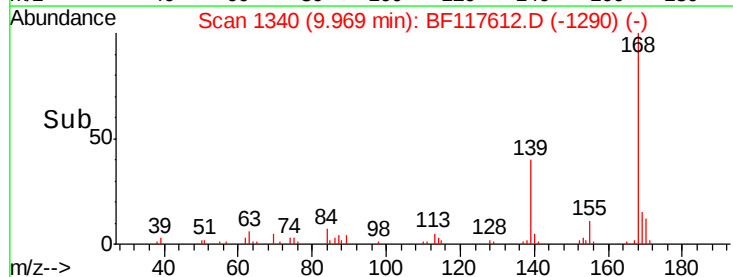
169 15.4 11.2 16.8

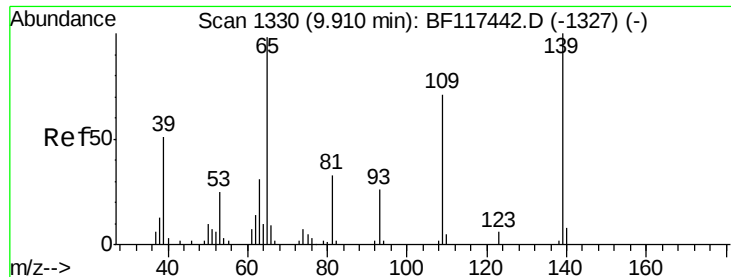


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

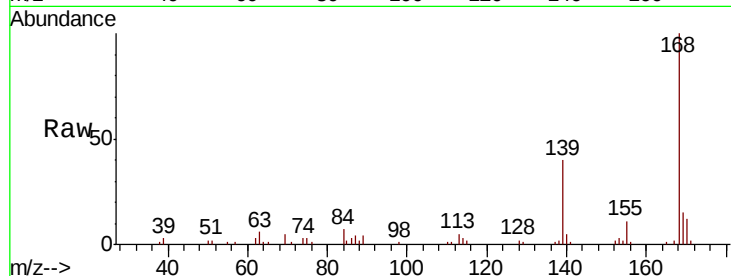




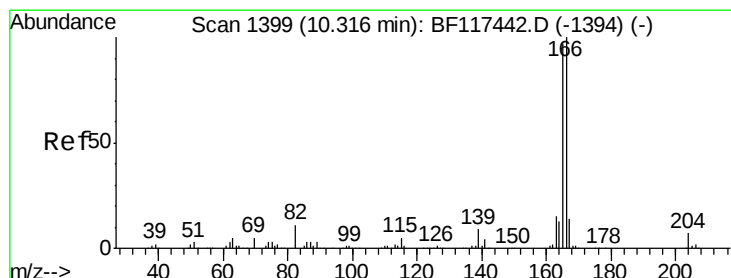
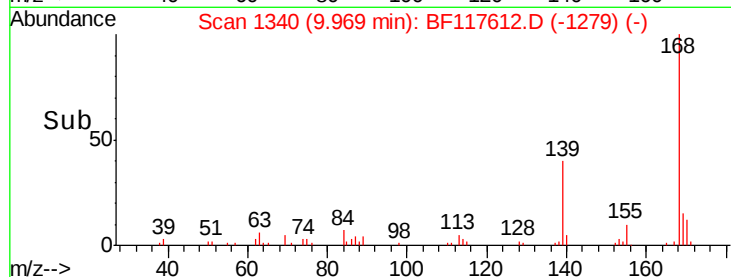
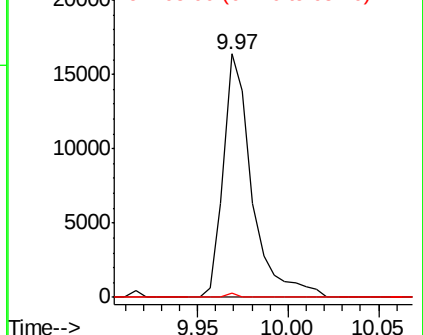
#56
4-Nitrophenol
Concen: 31.994 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

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

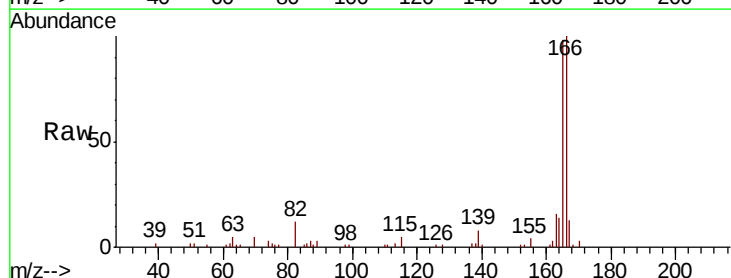


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

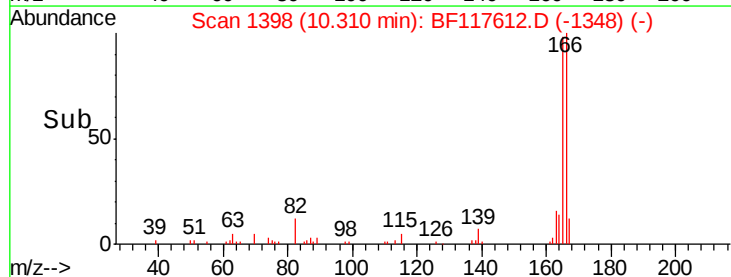
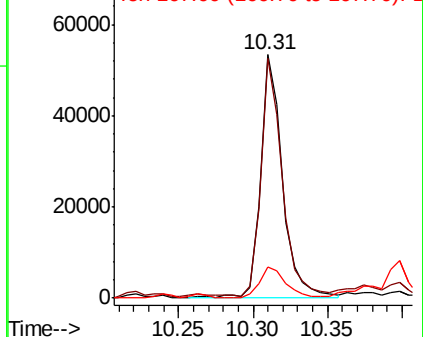


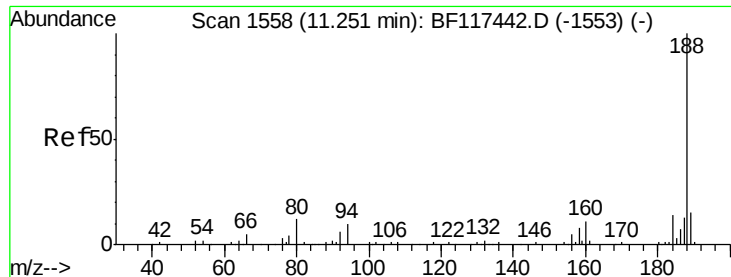
#58
Fluorene
Concen: 10.812 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

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

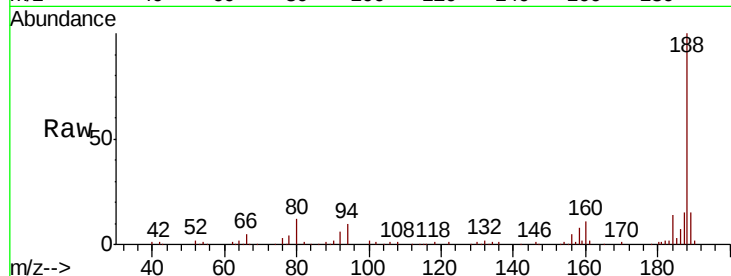




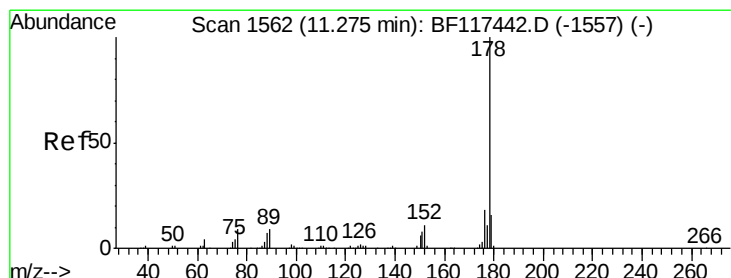
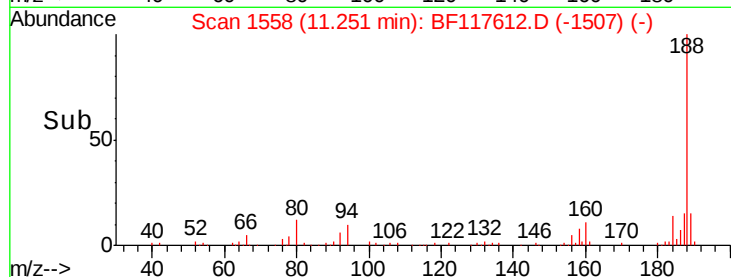
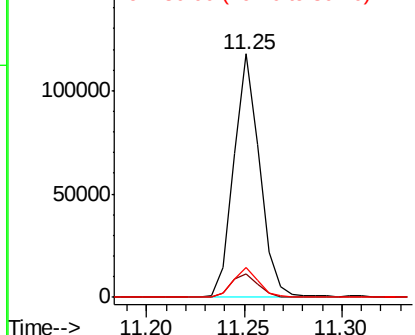
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 108502
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 12.0 9.5 14.3

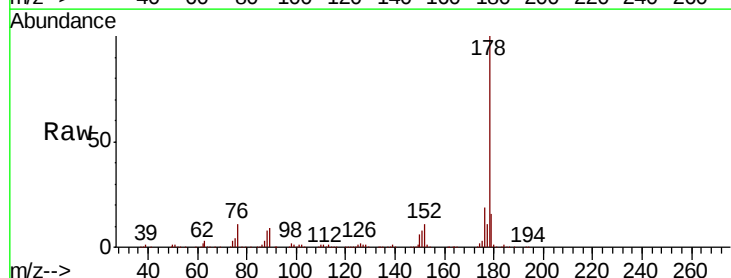


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

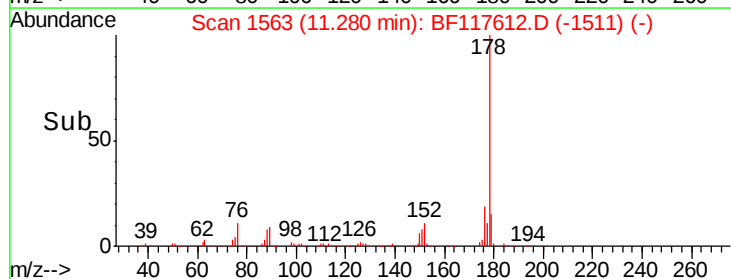
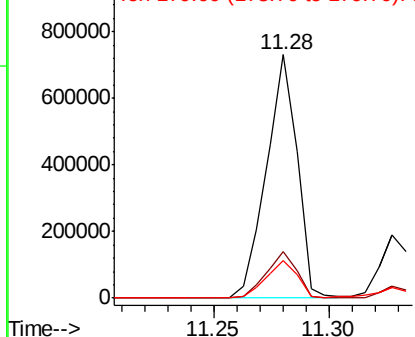


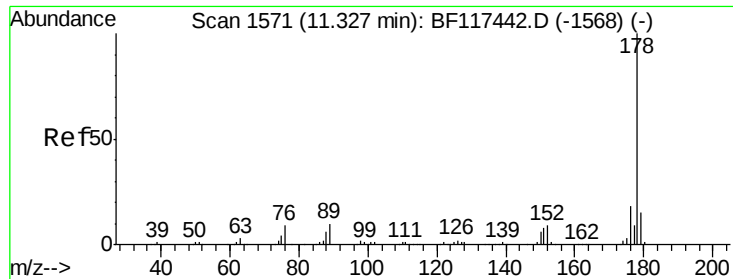
#71
Phenanthrene
Concen: 107.589 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:178 Resp: 677845
Ion Ratio Lower Upper
178 100
176 18.9 14.6 22.0
179 15.5 12.6 19.0



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

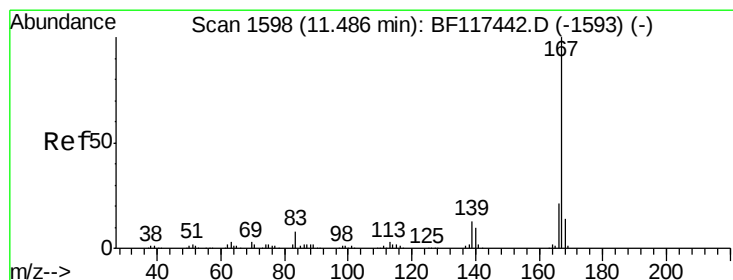
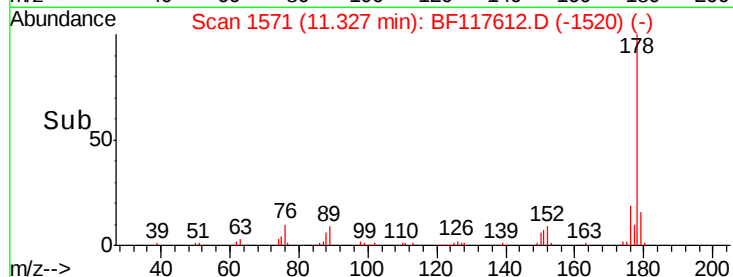
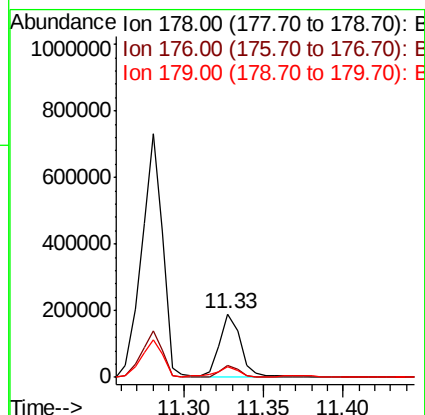
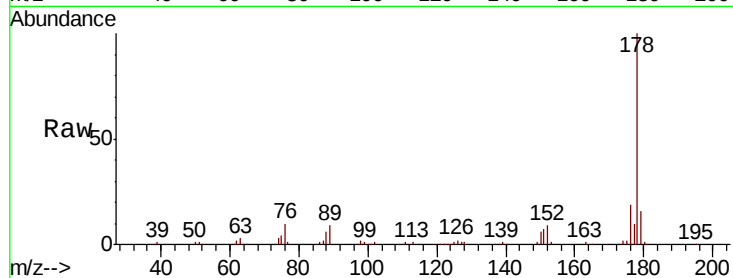




#72
 Anthracene
 Concen: 27.606 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF117612.D
 Acq: 30 Oct 2019 1:42

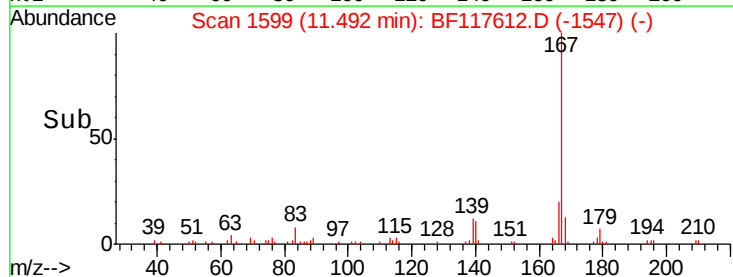
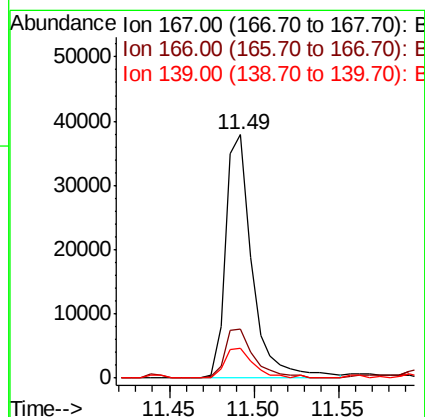
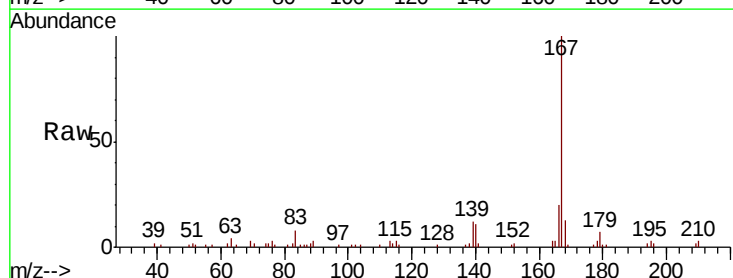
Instrument :
 BNA_F
 ClientSampleId :

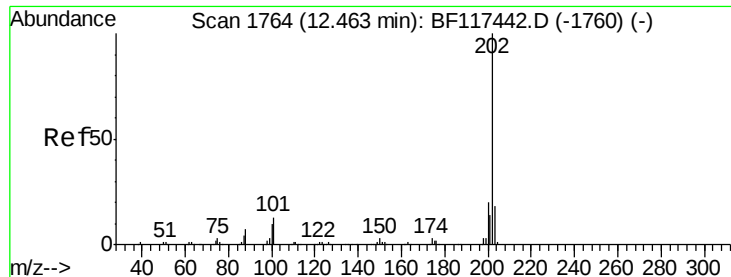
Tot Ion:178 Resp: 178459
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.7 22.1
 179 16.1 12.2 18.2



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

Tgt Ion:167 Resp: 41438
 Ion Ratio Lower Upper
 167 100
 166 20.2 17.0 25.6
 139 12.2 10.6 16.0





#75

Fluoranthene

Concen: 92.779 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF117612.D

Acq: 30 Oct 2019 1:42

Instrument :

BNA_F

ClientSampleId :

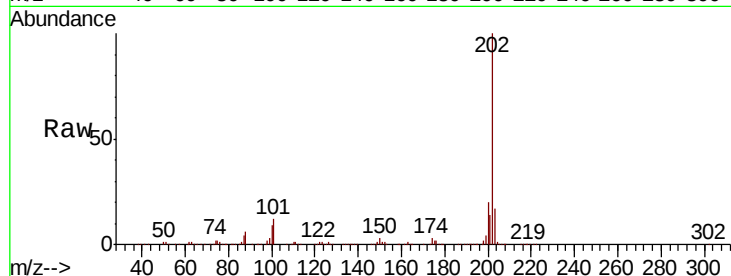
Tot Ion:202 Resp: 585165

Ion Ratio Lower Upper

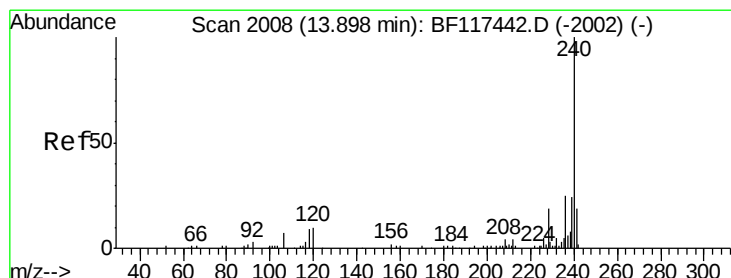
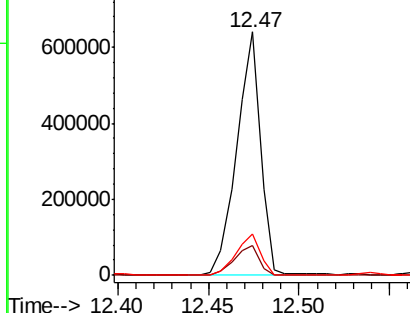
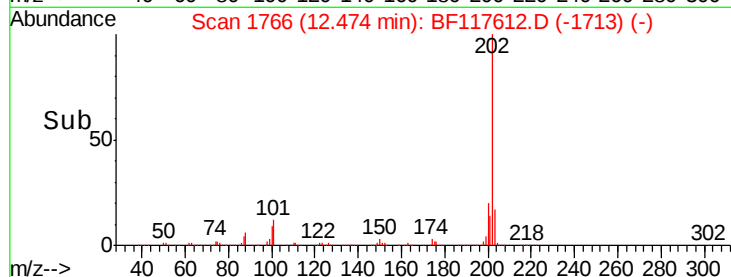
202 100

101 12.3 0.0 32.7

203 17.1 0.0 37.6



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: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117612.D

Acq: 30 Oct 2019 1:42

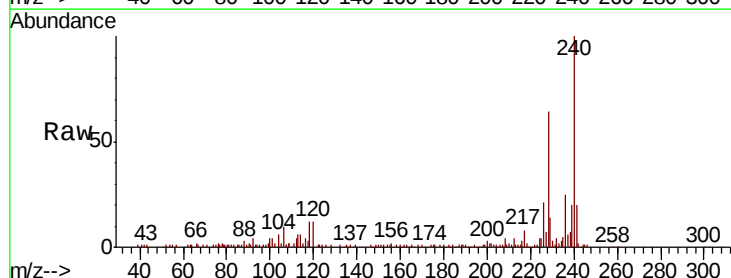
Tgt Ion:240 Resp: 70359

Ion Ratio Lower Upper

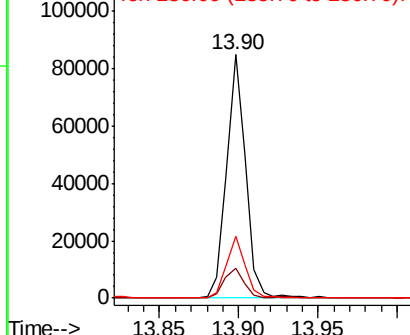
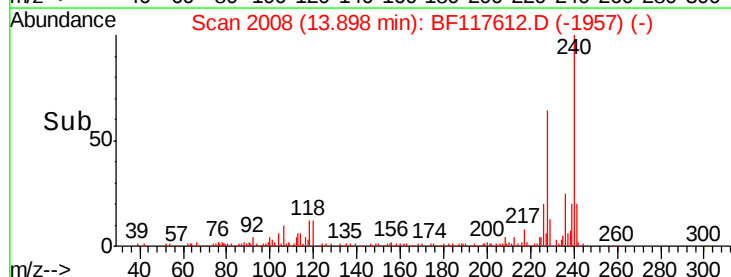
240 100

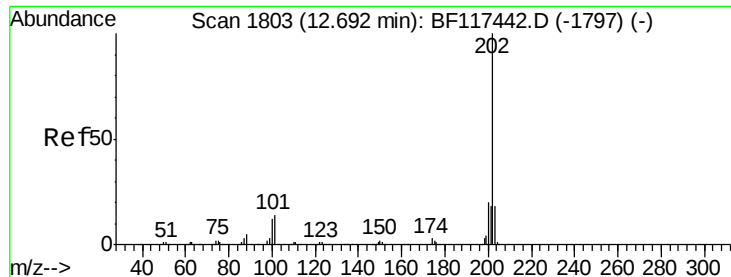
120 12.2 8.4 12.6

236 25.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

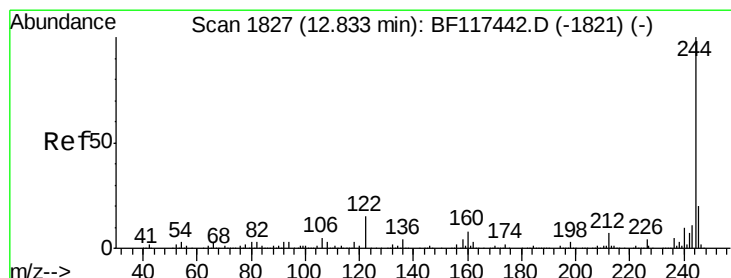
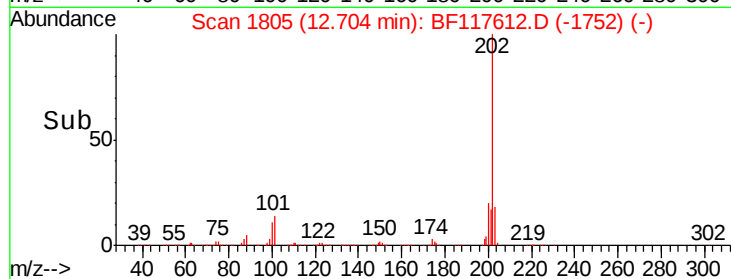
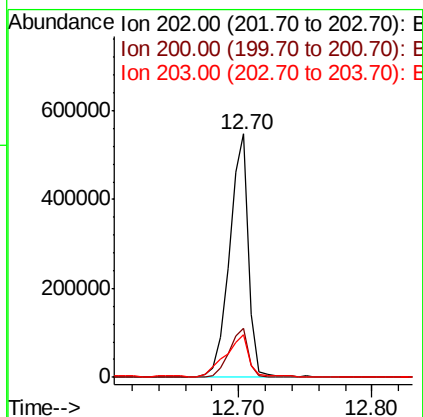
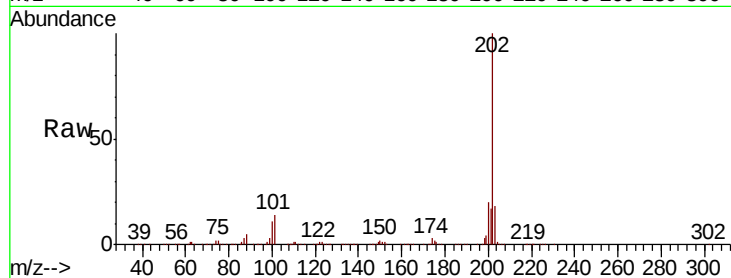




#78
Pvrene
Concen: 89.967 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

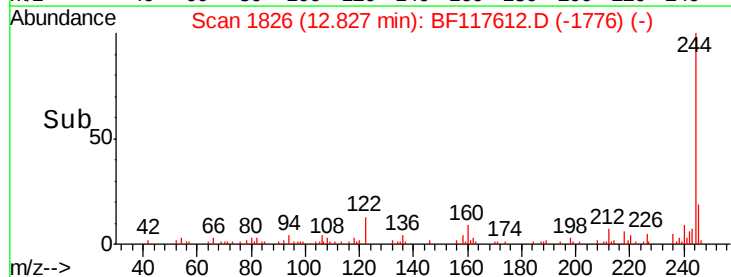
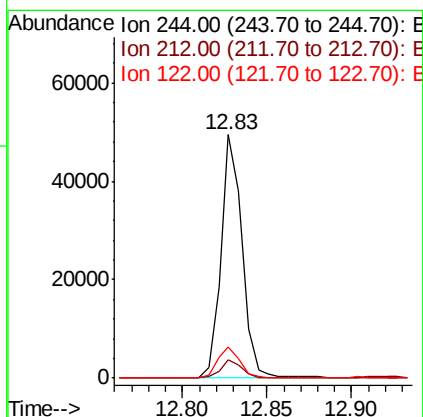
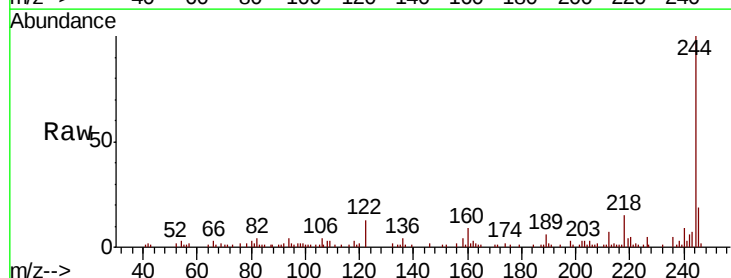
Instrument :
BNA_F
ClientSampleId :

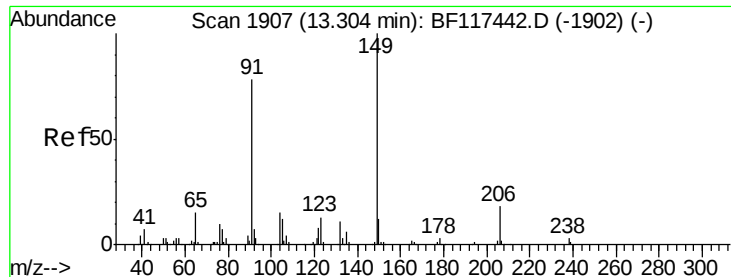
Tot Ion:202 Resp: 543711
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.8 14.0 21.0



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

Tgt Ion:244 Resp: 43368
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 12.7 11.8 17.8

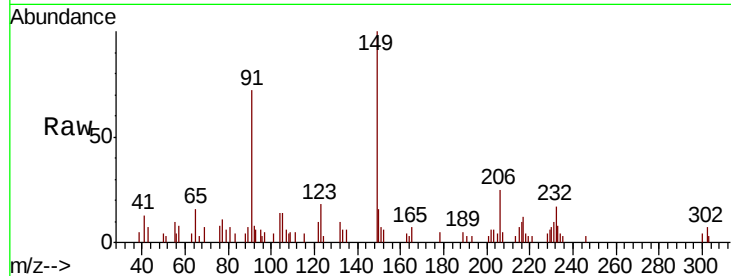




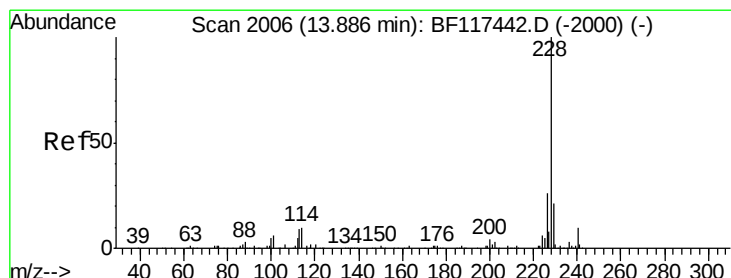
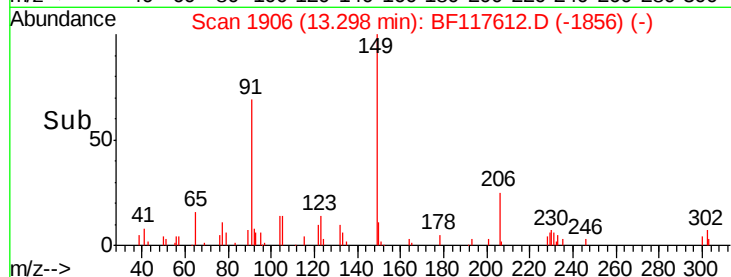
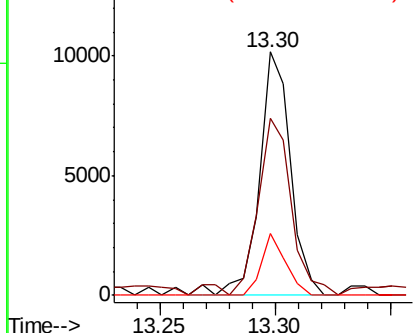
#80
Butylbenzylphthalate
Concen: 3.180 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleID :

Tot Ion:149 Resp: 9564
Ion Ratio Lower Upper
149 100
91 72.5 62.1 93.1
206 25.4 14.3 21.5#

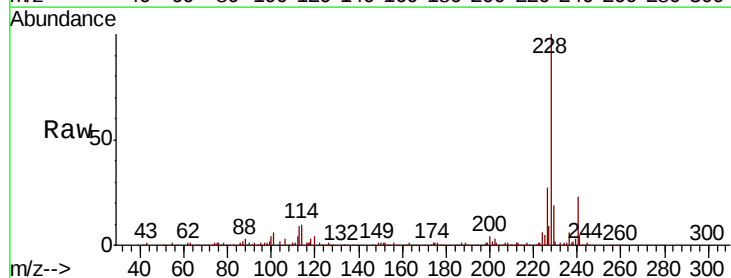


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

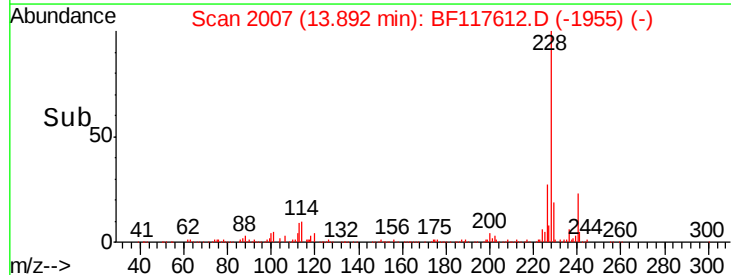
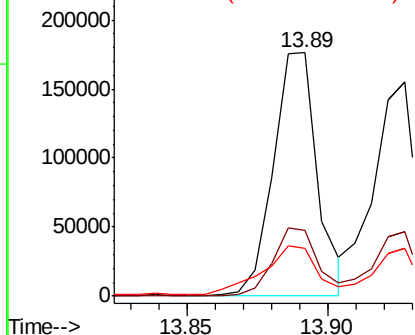


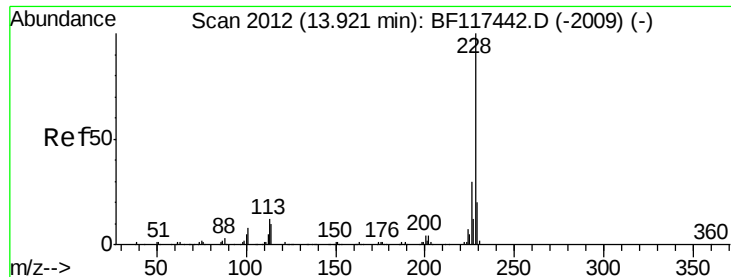
#81
Benzo(a)anthracene
Concen: 39.973 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:228 Resp: 189712
Ion Ratio Lower Upper
228 100
226 27.1 21.0 31.4
229 19.4 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

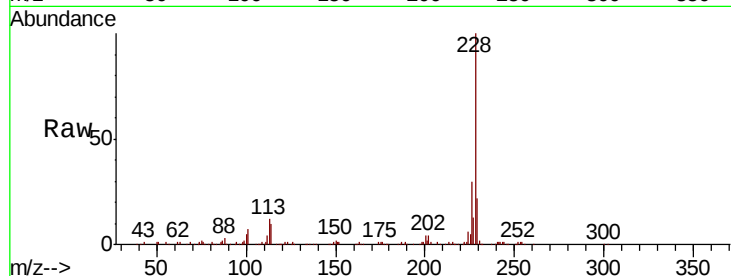




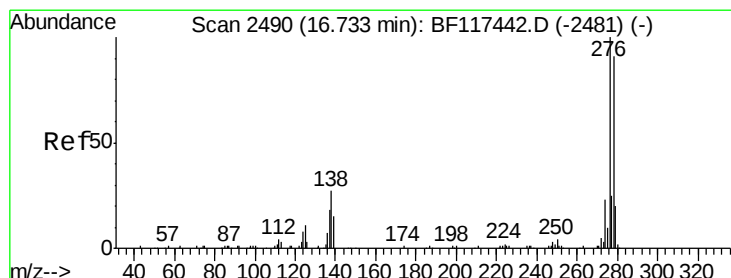
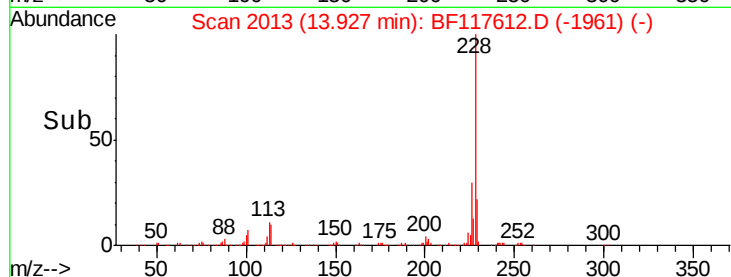
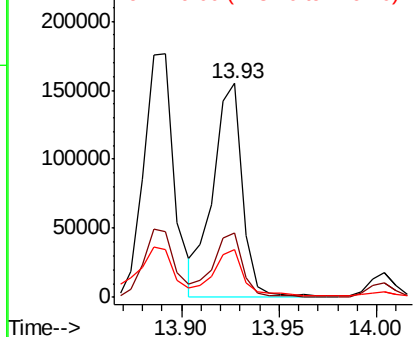
#83
Chrysene
Concen: 34.849 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 162097
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 22.1 15.8 23.6

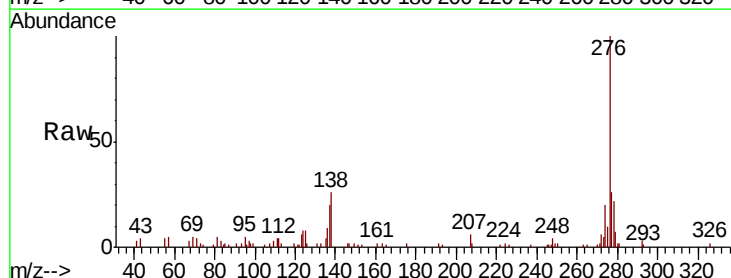


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

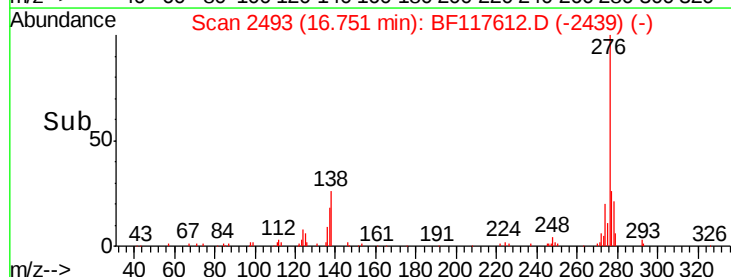
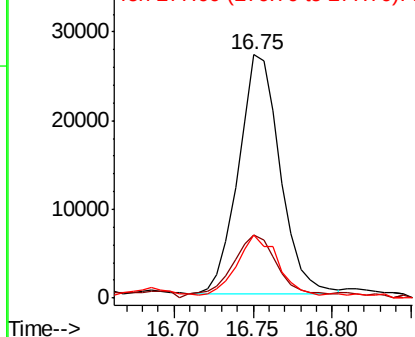


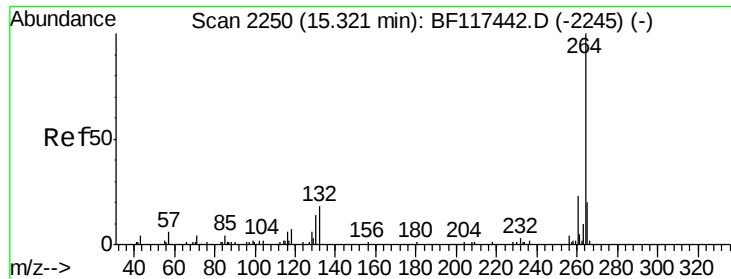
#86
Indeno(1,2,3-cd)pyrene
Concen: 14.086 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Tgt Ion:276 Resp: 48916
Ion Ratio Lower Upper
276 100
138 29.9 21.8 32.8
277 24.0 20.0 30.0



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

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF117612.D

Acq: 30 Oct 2019 1:42

Instrument :

BNA_F

ClientSampleId :

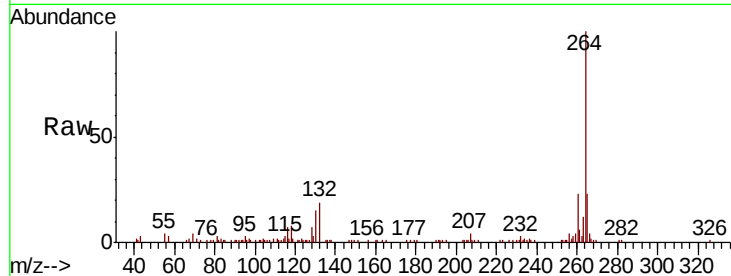
Tot Ion:264 Resp: 57764

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 22.7 16.1 24.1

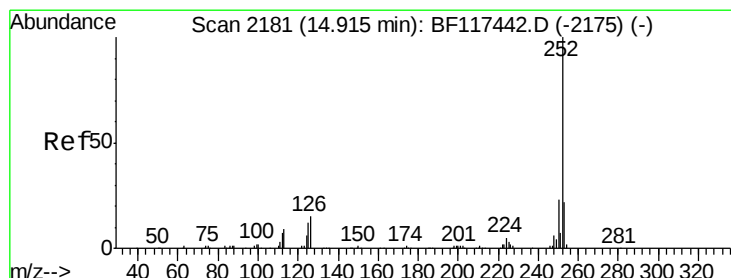
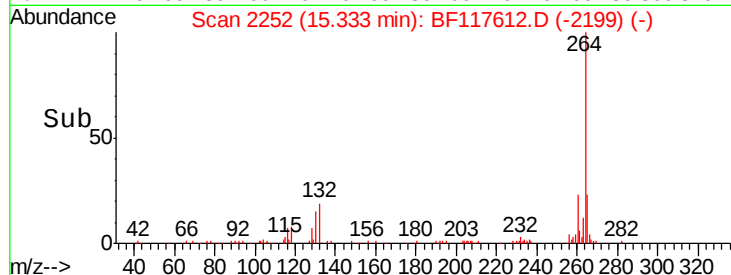
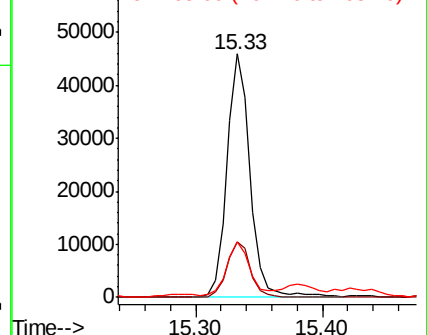


Abundance

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: 53.984 ng

RT: 14.93 min Scan# 2183

Delta R.T. 0.01 min

Lab File: BF117612.D

Acq: 30 Oct 2019 1:42

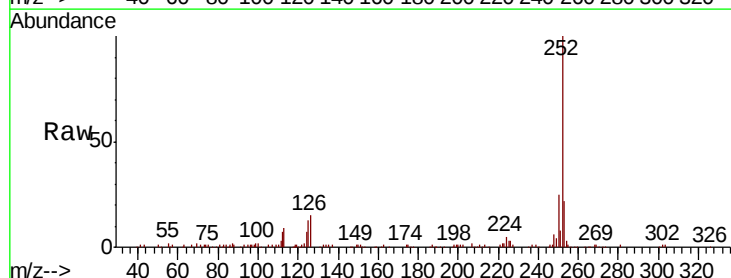
Tgt Ion:252 Resp: 184143

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 13.1 9.9 14.9

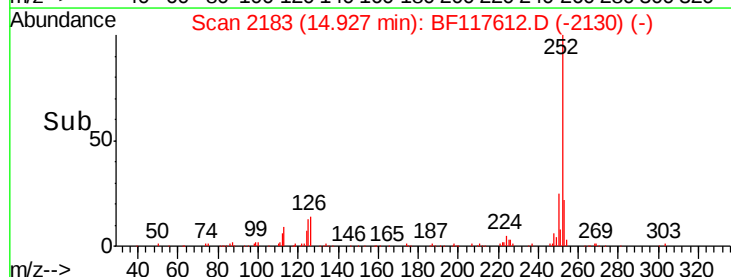
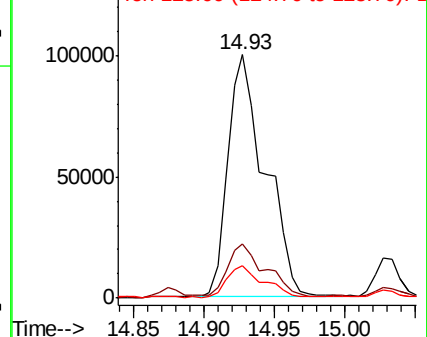


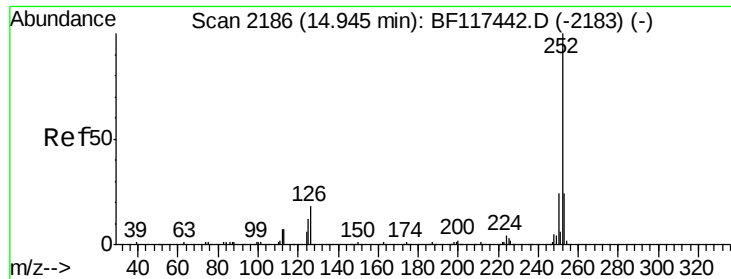
Abundance

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

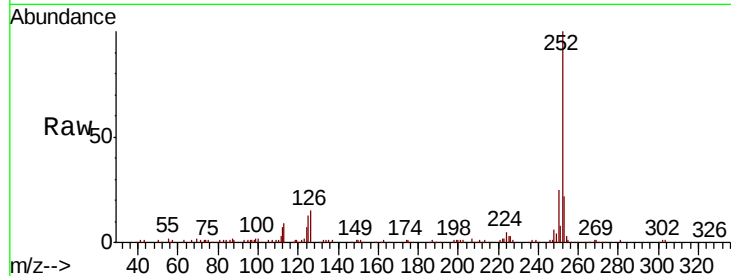




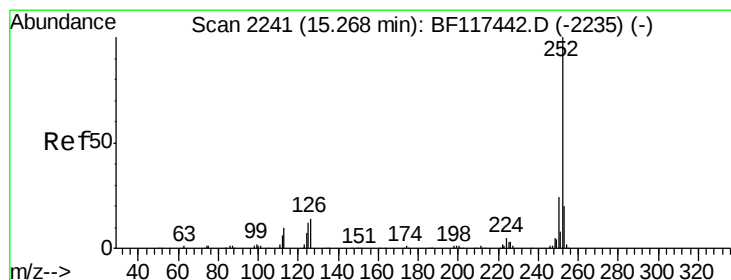
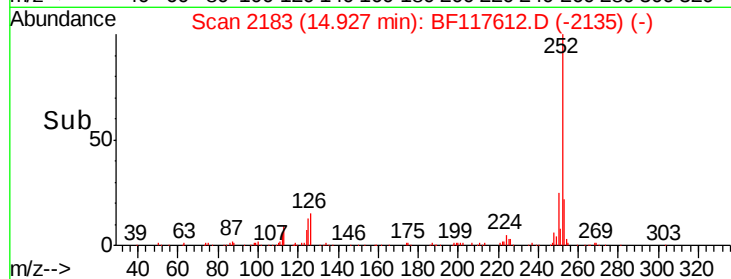
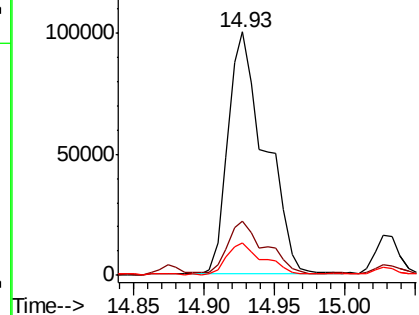
#89
Benzo(k)fluoranthene
Concen: 52.671 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

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

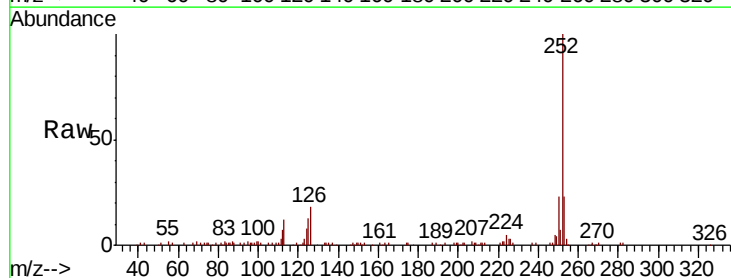


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

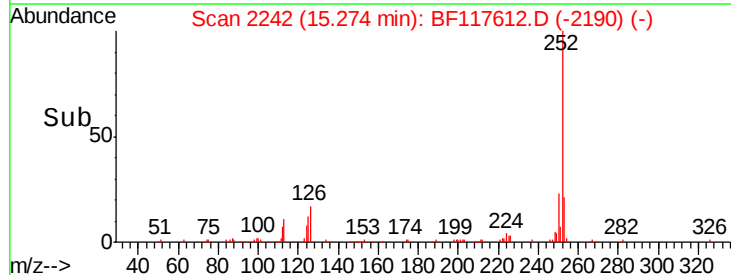
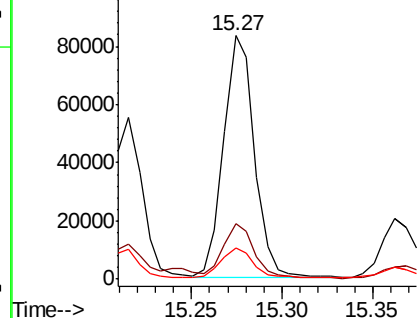


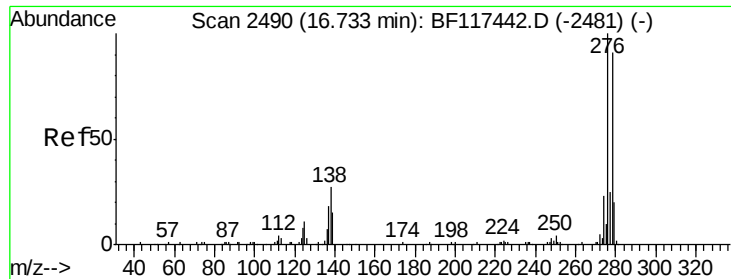
#90
Benzo(a)pyrene
Concen: 31.945 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

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

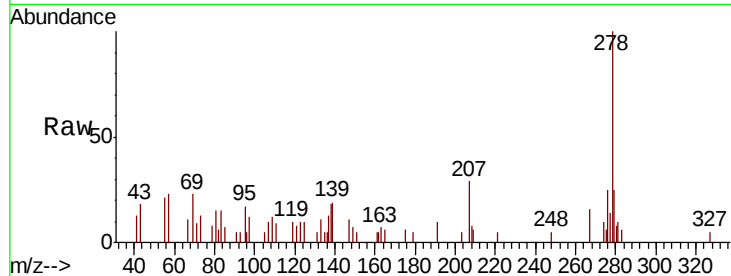




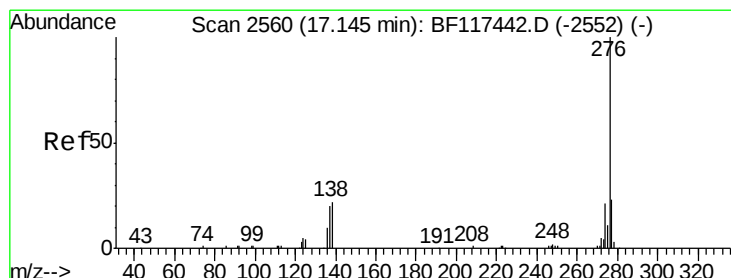
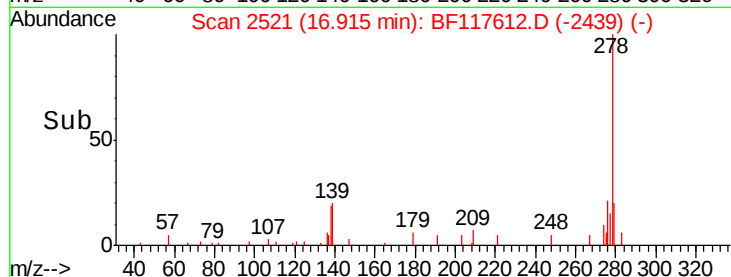
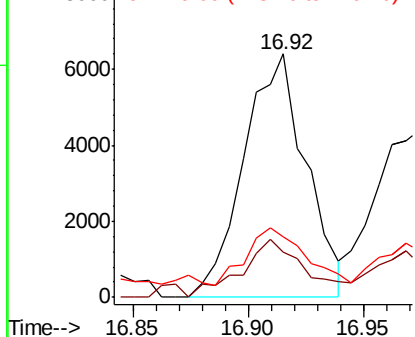
#91
Dibenzo(a,h)anthracene
Concen: 4.482 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.18 min
Lab File: BF117612.D
Acq: 30 Oct 2019 1:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 12018
Ion Ratio Lower Upper
278 100
139 18.6 13.4 20.0
279 25.1 17.8 26.6

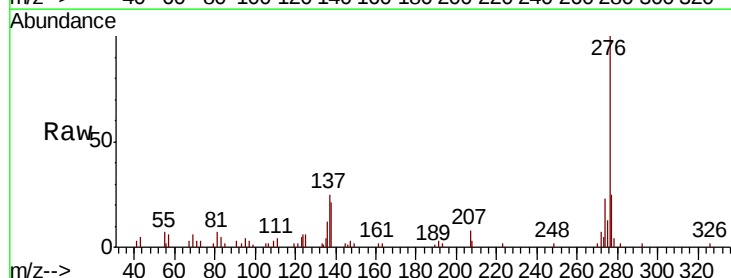


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



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

Tgt Ion:276 Resp: 46955
Ion Ratio Lower Upper
276 100
277 24.7 18.4 27.6
138 21.2 17.8 26.6



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

