

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117661.D
 Acq On : 31 Oct 2019 16:38
 Operator : JU
 Sample : K5542-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 01:21:19 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	35320	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	147117	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	73178	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	114400	20.00	ng	0.00
76) Chrysene-d12	13.90	240	66221	20.00	ng	0.00
87) Perylene-d12	15.34	264	71050	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	206749	87.08	ng	0.00
7) Phenol-d6	6.39	99	295997	92.83	ng	0.00
23) Nitrobenzene-d5	7.30	82	178859	60.02	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	50288	79.42	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	279193	53.76	ng	-0.01
79) Terphenyl-d14	12.83	244	199165	49.06	ng	0.00

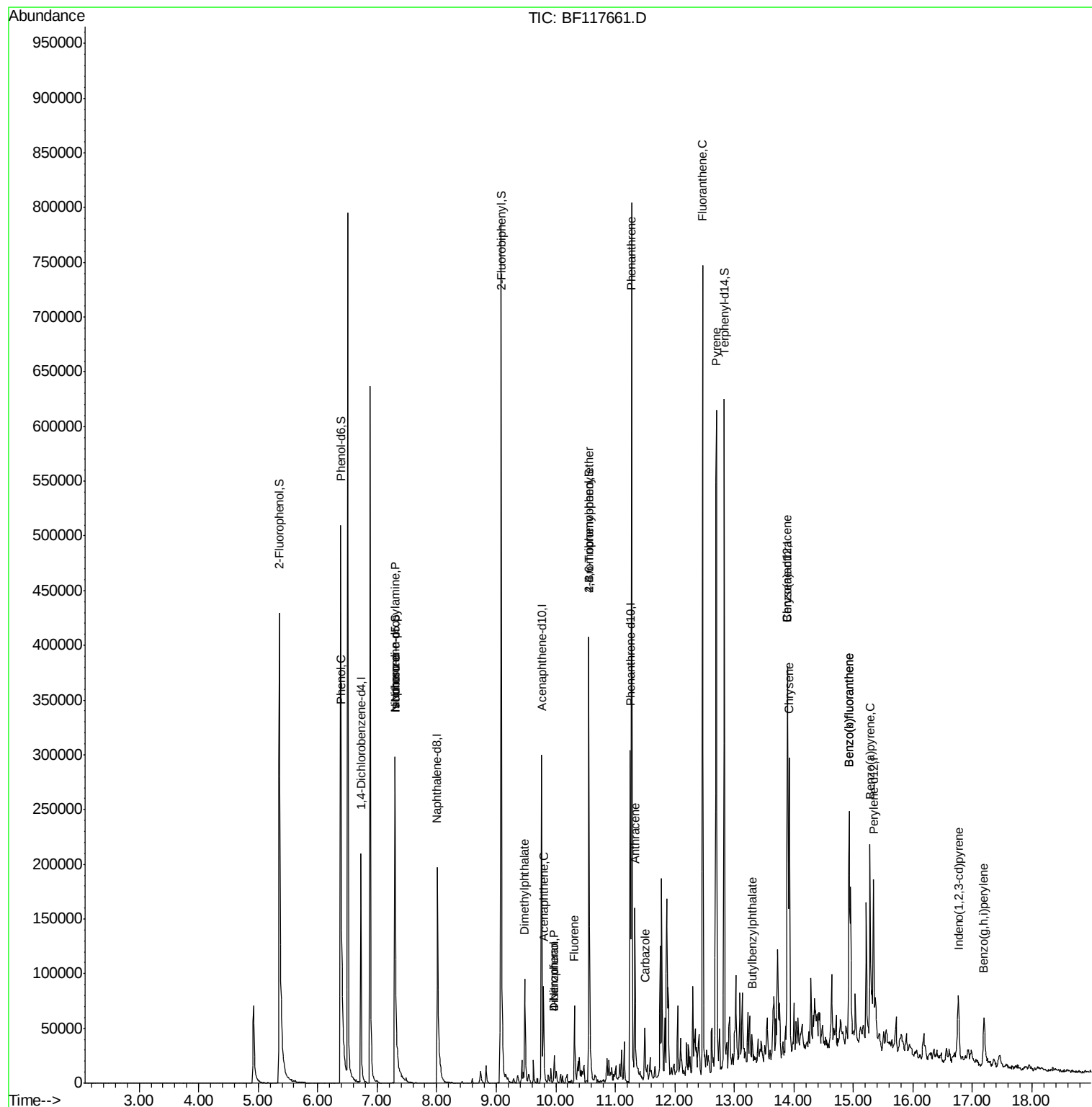
Target Compounds				Qvalue		
10) Phenol	6.40	94	7990	2.455	ng	# 63
19) n-Nitroso-di-n-propylamine	7.30	70	22253	11.427	ng	# 81
25) Isophorone	7.30	82	178858	34.695	ng	# 65
50) Dimethylphthalate	9.48	163	46915	8.993	ng	100
52) Acenaphthene	9.79	154	21653	5.260	ng	95
55) Dibenzofuran	9.97	168	13139	2.203	ng	# 96
56) 4-Nitrophenol	9.98	139	5973	13.447	ng	# 6
58) Fluorene	10.32	166	24570	4.982	ng	97
67) 4-Bromophenyl-phenylether	10.56	248	3368	2.733	ng	# 1
71) Phenanthrene	11.27	178	289635	43.601	ng	98
72) Anthracene	11.33	178	78104	11.459	ng	97
73) Carbazole	11.50	167	21098	3.387	ng	# 93
75) Fluoranthene	12.47	202	283729	42.666	ng	98
77) Benzidine	12.83	184	2701	Below Cal		# 91
78) Pyrene	12.70	202	261095	45.903	ng	99
80) Butylbenzylphthalate	13.30	149	5912	2.089	ng	91
81) Benzo(a)anthracene	13.89	228	113781	25.472	ng	97
83) Chrysene	13.92	228	99849	22.808	ng	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	45952	14.059	ng	93
88) Benzo(b)fluoranthene	14.93	252	142524	33.970	ng	98
89) Benzo(k)fluoranthene	14.93	252	141914	33.002	ng	# 96
90) Benzo(a)pyrene	15.28	252	81002	21.234	ng	# 96
92) Benzo(g,h,i)perylene	17.19	276	40870	13.096	ng	95

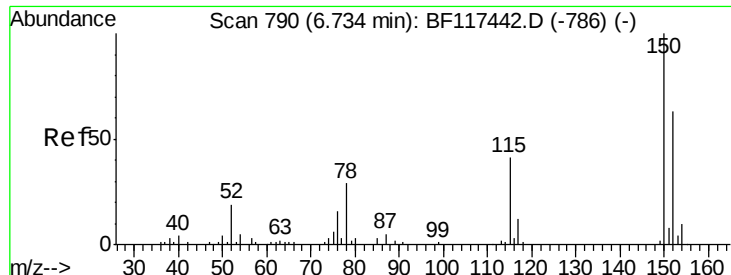
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
Operator : JU
Sample : K5542-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 01:21:19 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



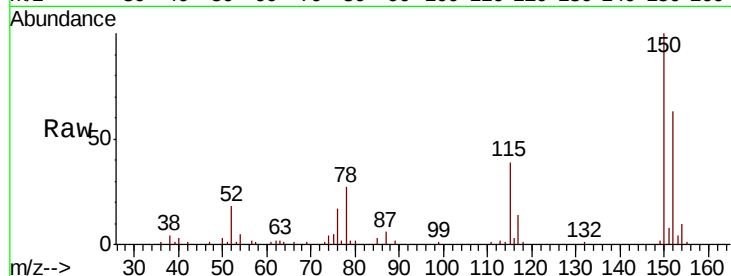


#1

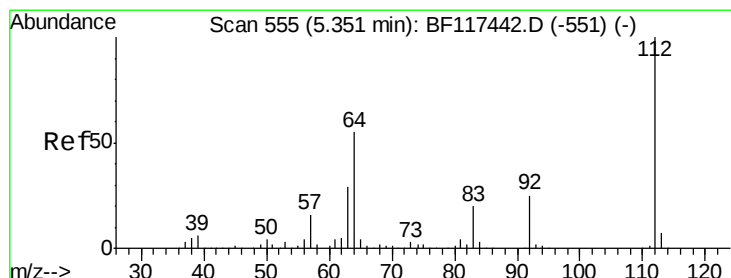
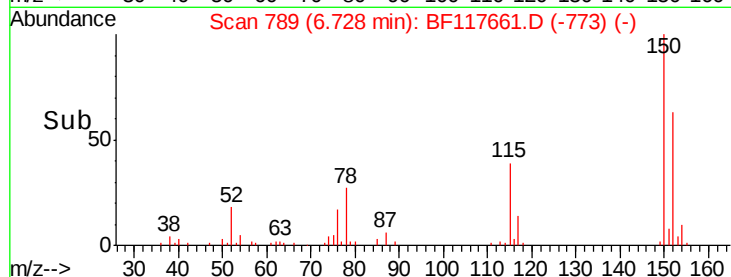
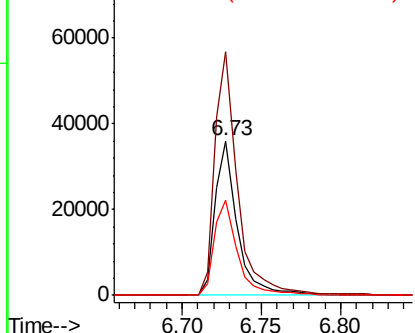
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 35320
Ion Ratio Lower Upper
152 100
150 157.7 126.8 190.2
115 61.5 51.6 77.4



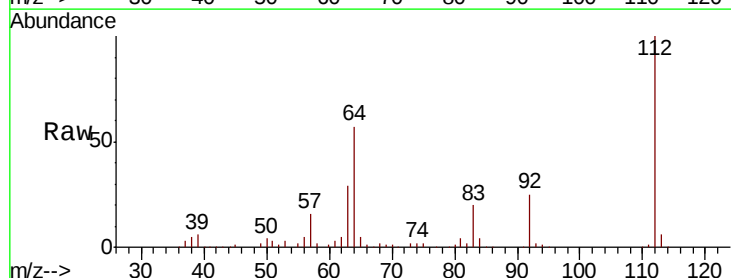
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



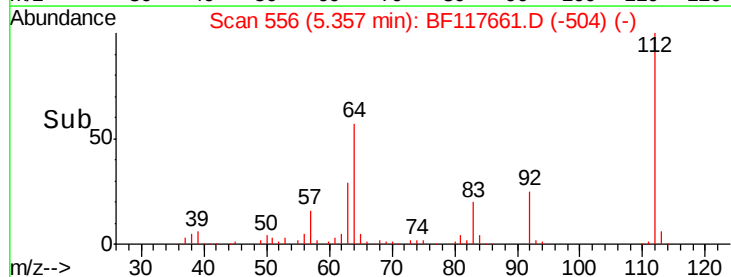
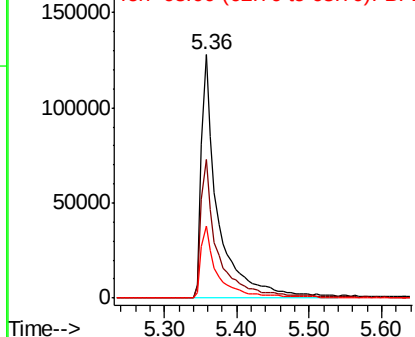
#5

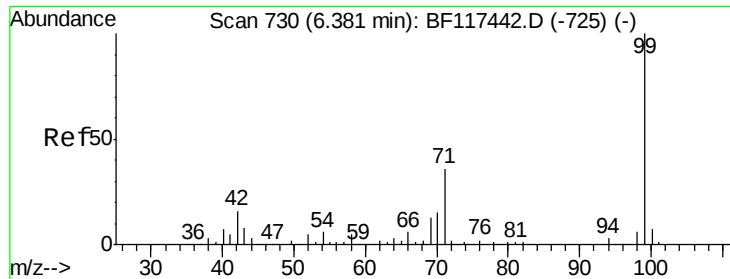
2-Fluorophenol
Concen: 87.084 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Tgt Ion:112 Resp: 206749
Ion Ratio Lower Upper
112 100
64 56.8 44.1 66.1
63 29.5 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: 92.826 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117661.D

Acq: 31 Oct 2019 16:38

Instrument :

BNA_F

ClientSampleId :

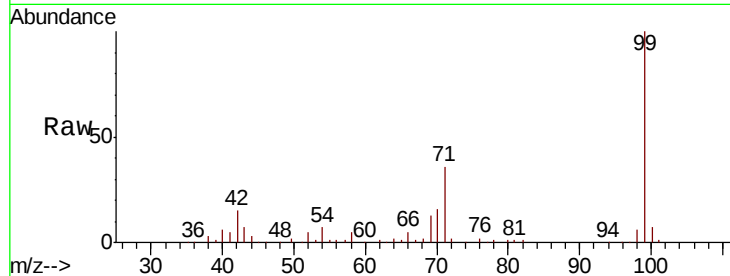
Tot Ion: 99 Resp: 295997

Ion Ratio Lower Upper

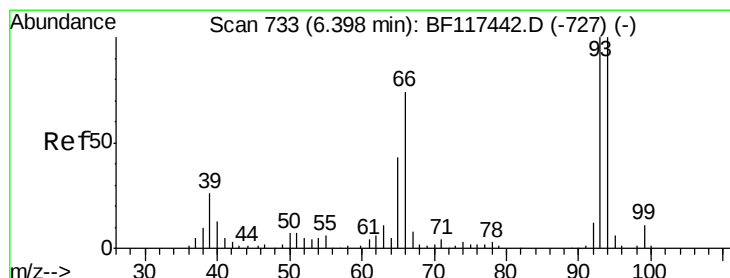
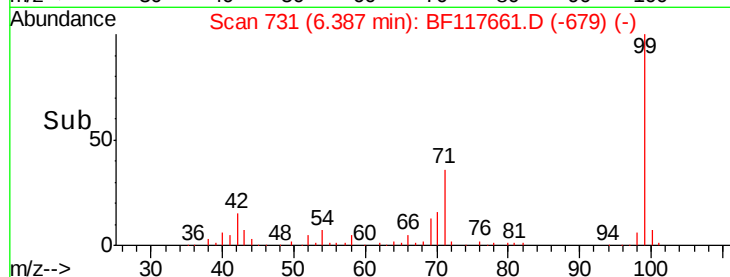
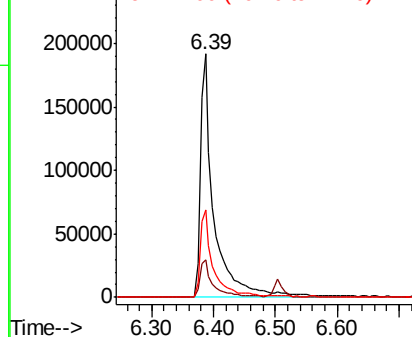
99 100

42 15.2 12.8 19.2

71 36.1 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: 2.455 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117661.D

Acq: 31 Oct 2019 16:38

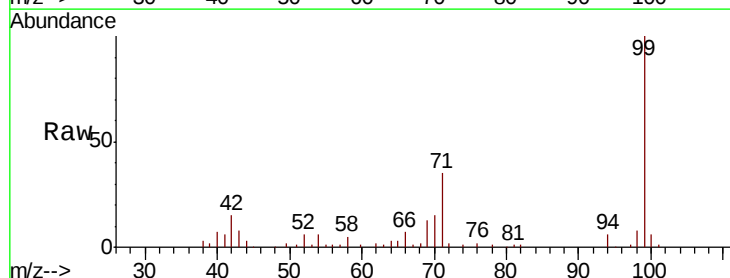
Tgt Ion: 94 Resp: 7990

Ion Ratio Lower Upper

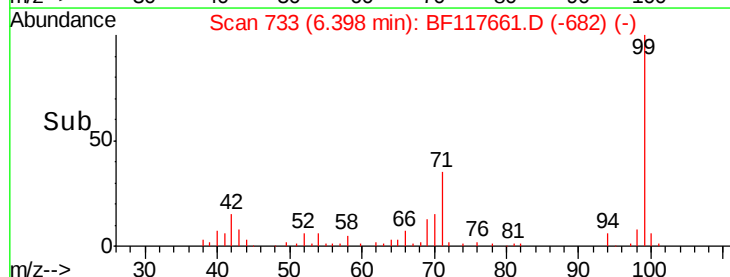
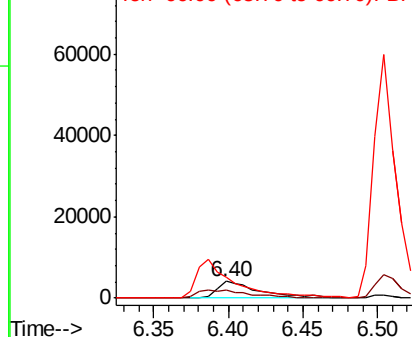
94 100

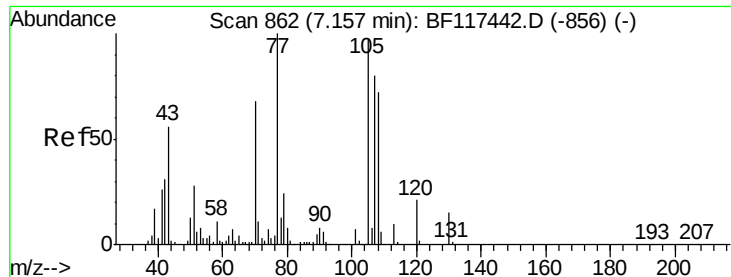
65 45.8 23.4 63.4

66 122.6 54.7 94.7#



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

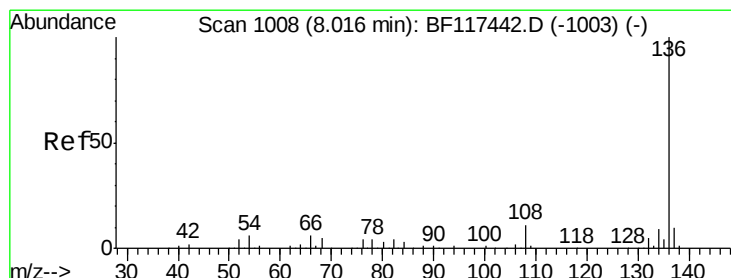
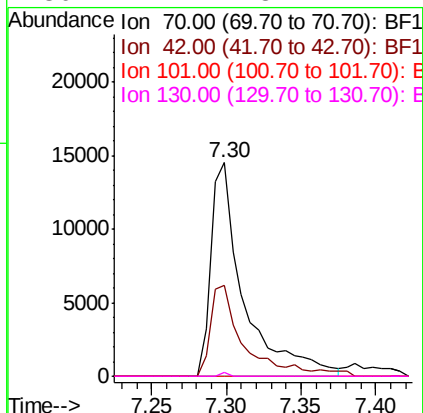
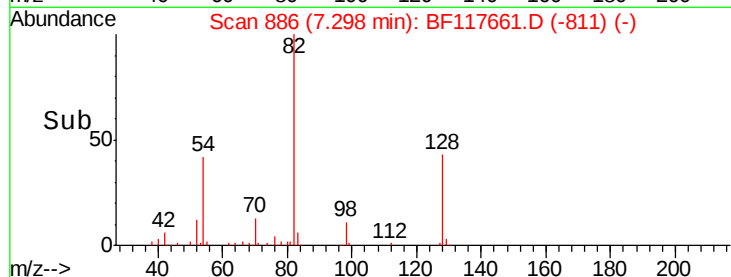
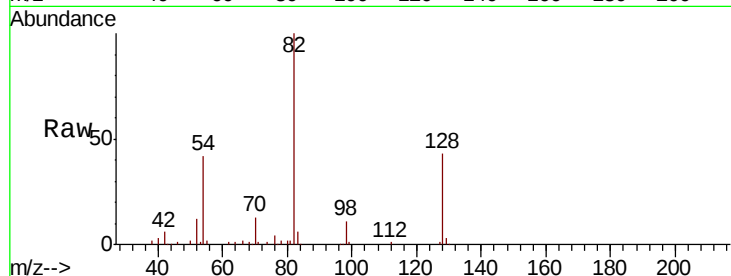




#19
n-Nitroso-di-n-propylamine
Concen: 11.427 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

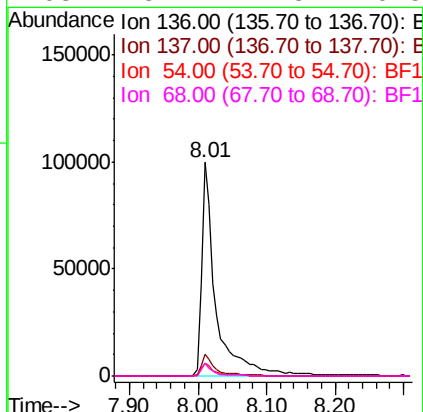
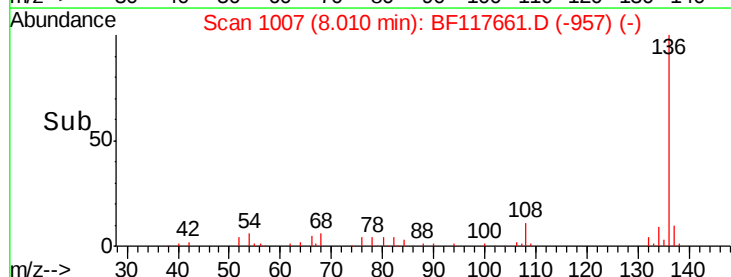
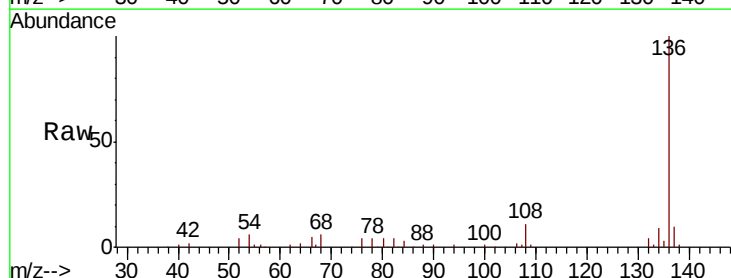
Instrument :
BNA_F
ClientSampleId :

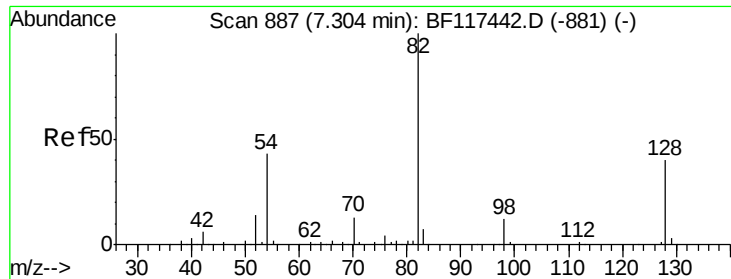
Tot Ion: 70 Resp: 22253
Ion Ratio Lower Upper
70 100
42 42.6 36.7 55.1
101 0.0 8.3 12.5#
130 2.1 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Tgt Ion:136 Resp: 147117
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.4
54 6.2 4.5 6.7
68 5.7 4.3 6.5

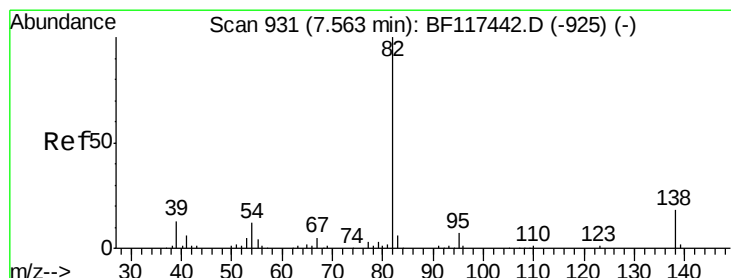
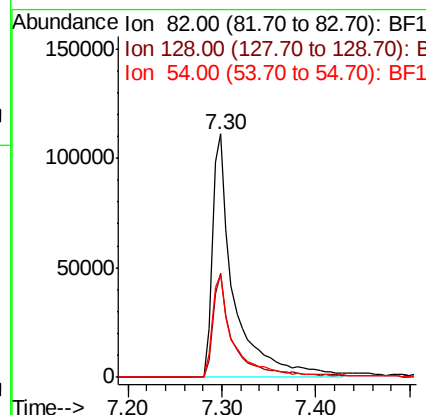
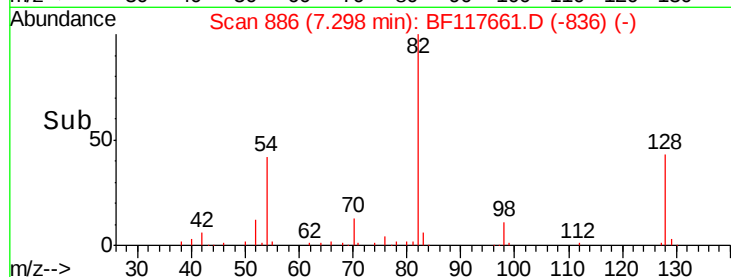
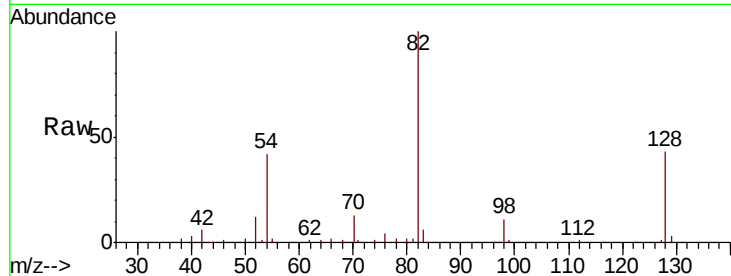




#23
Nitrobenzene-d5
Concen: 60.019 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

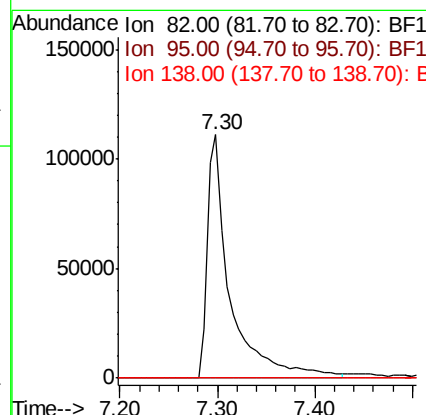
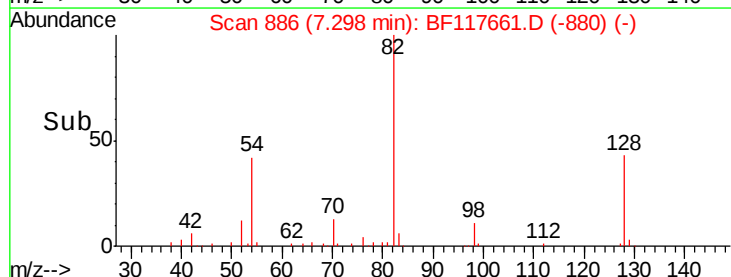
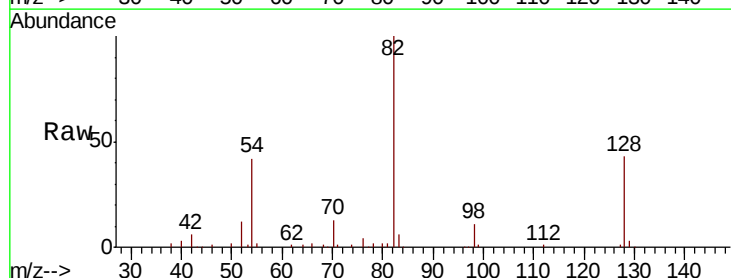
Instrument :
BNA_F
ClientSampled :

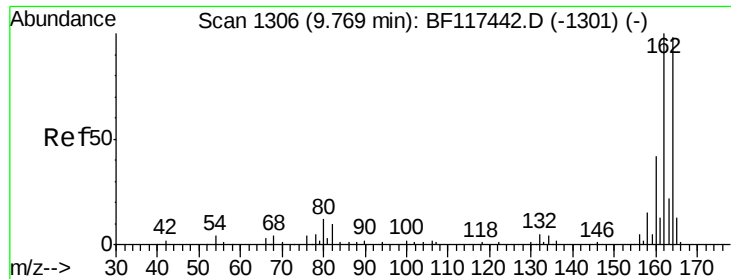
Tot Ion	82	Resp	178859
Ion Ratio	100	Lower	Upper
128	42.7	32.2	48.2
54	42.0	34.2	51.2



#25
Isophorone
Concen: 34.695 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Tgt Ion	82	Resp	178858
Ion Ratio	100	Lower	Upper
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

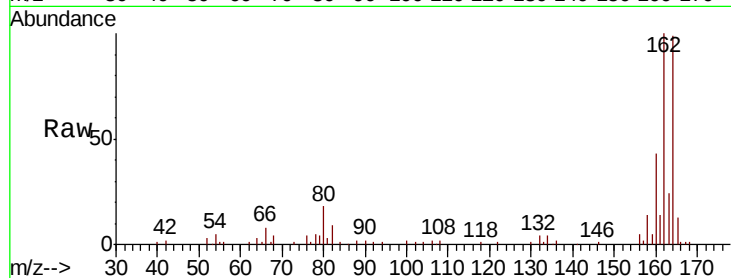




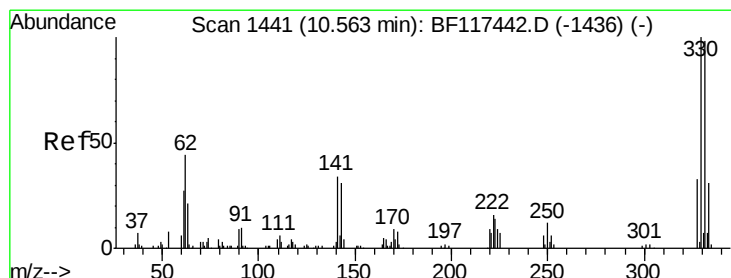
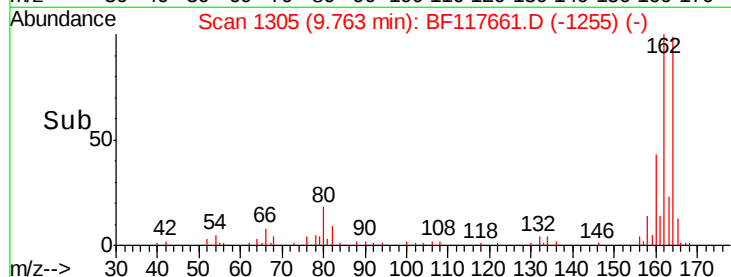
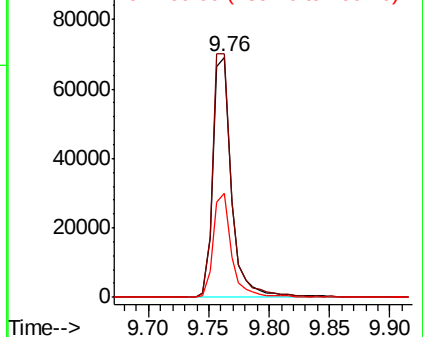
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 73178
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 43.1 34.4 51.6

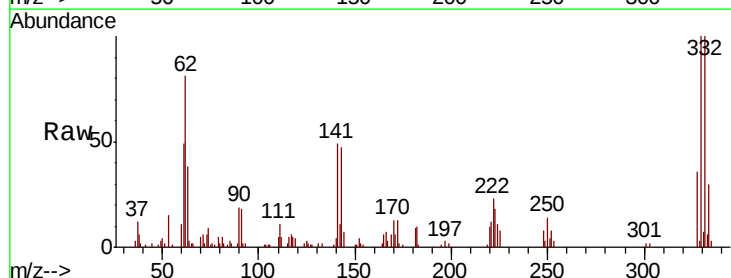


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

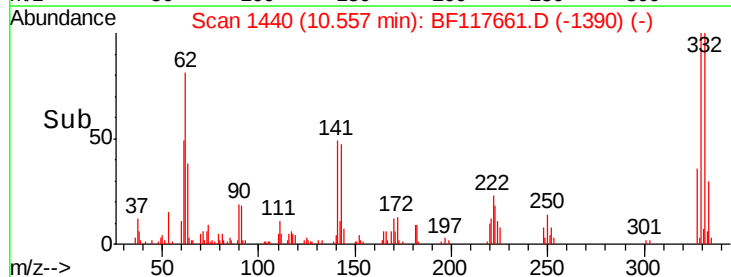
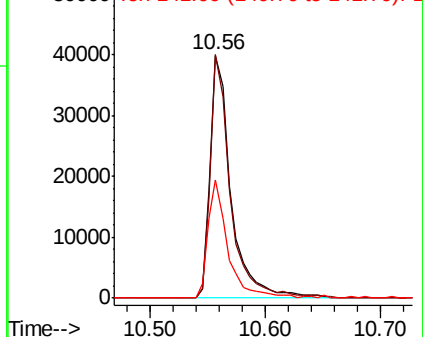


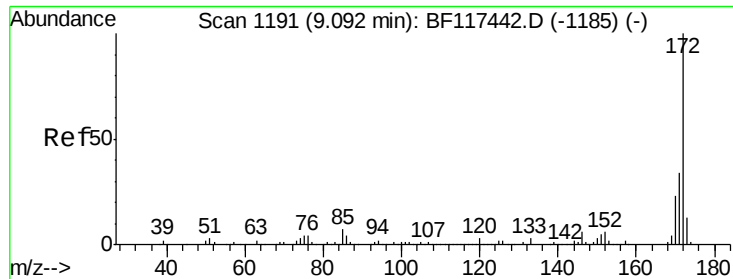
#42
2,4,6-Tribromophenol
Concen: 79.422 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Tgt Ion:330 Resp: 50288
Ion Ratio Lower Upper
330 100
332 95.1 78.5 117.7
141 46.0 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

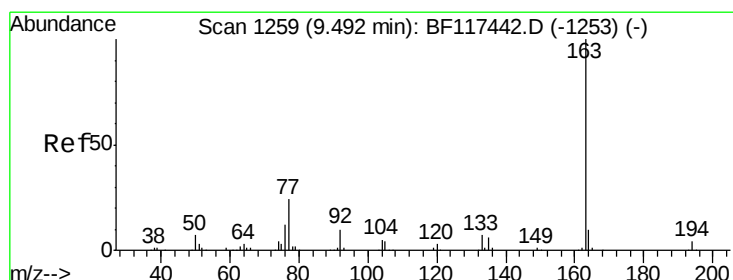
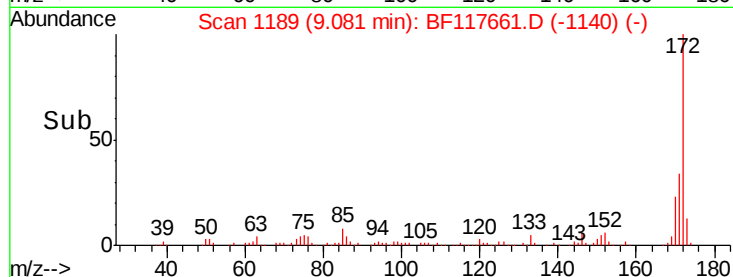
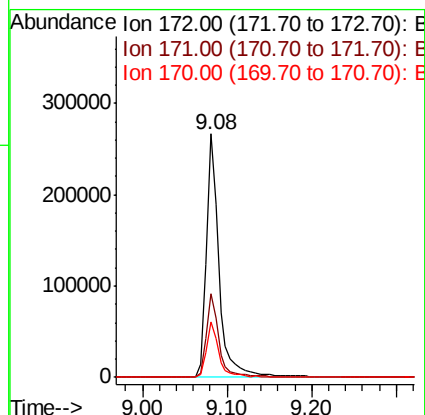
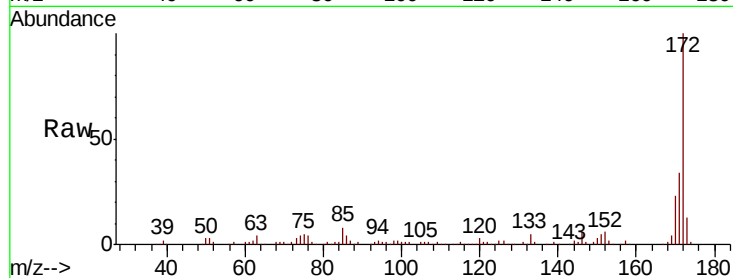




#45
2-Fluorobiphenyl
Concen: 53.757 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

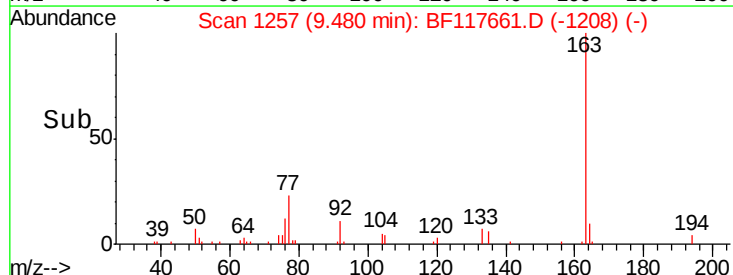
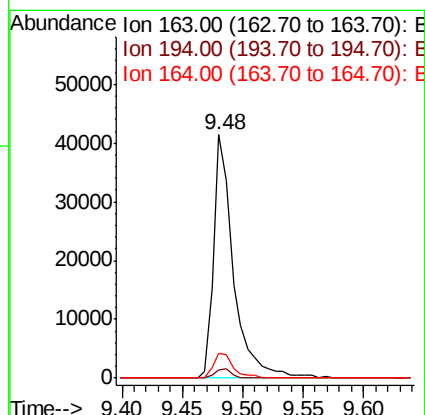
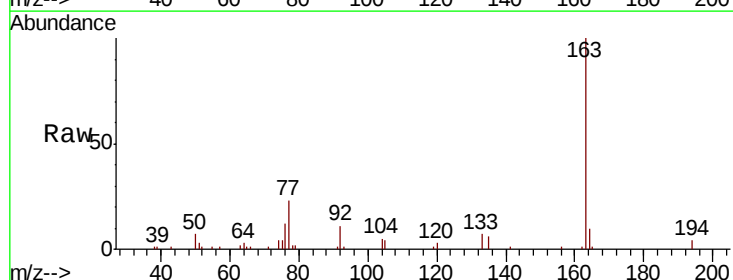
Instrument :
BNA_F
ClientSampleId :

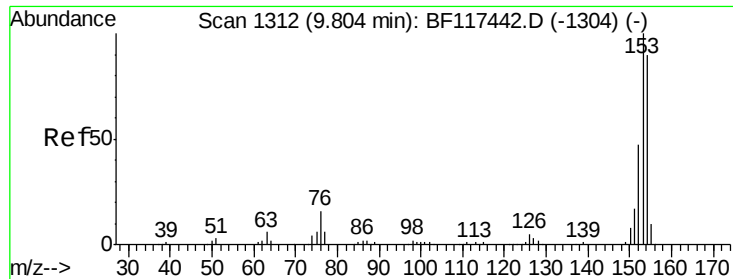
Tot Ion:172 Resp: 279193
Ion Ratio Lower Upper
172 100
171 34.1 27.5 41.3
170 22.9 18.6 27.8



#50
Dimethylphthalate
Concen: 8.993 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Tgt Ion:163 Resp: 46915
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.3 8.2 12.2





#52

Acenaphthene

Concen: 5.260 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF117661.D

Acq: 31 Oct 2019 16:38

Instrument :

BNA_F

ClientSampleId :

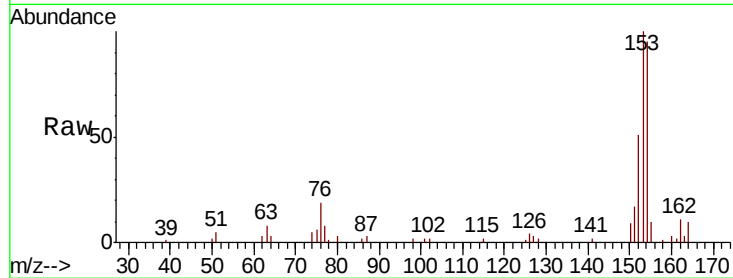
Tot Ion:154 Resp: 21653

Ion Ratio Lower Upper

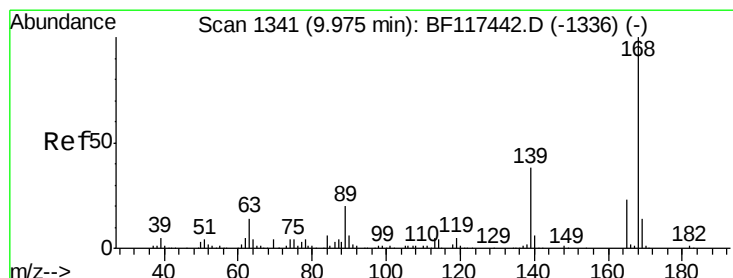
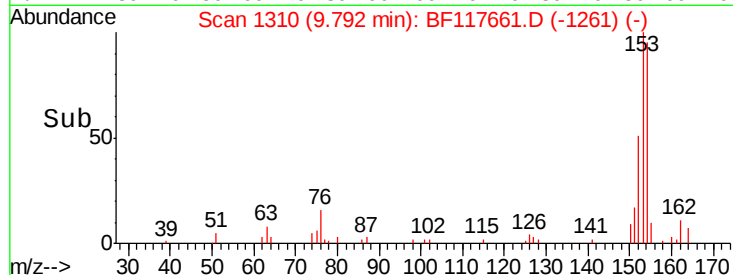
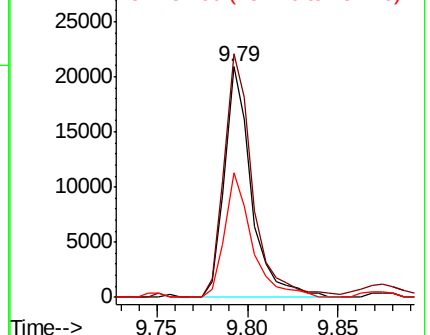
154 100

153 105.7 89.2 133.8

152 54.0 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: 2.203 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF117661.D

Acq: 31 Oct 2019 16:38

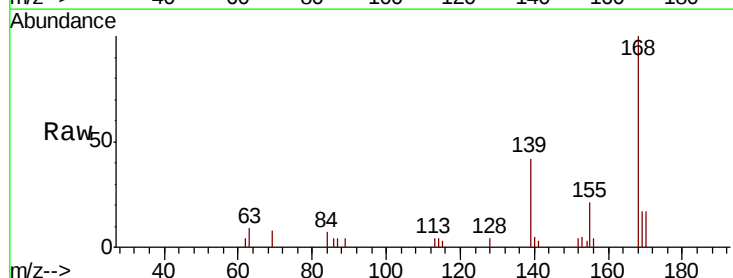
Tgt Ion:168 Resp: 13139

Ion Ratio Lower Upper

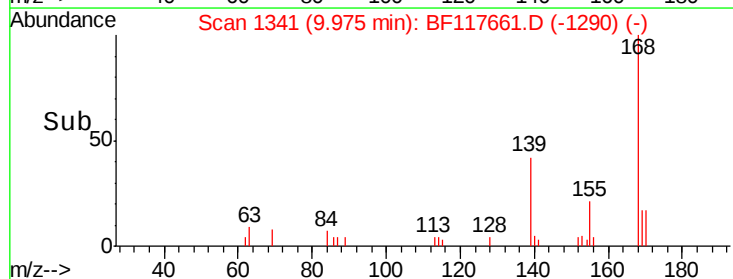
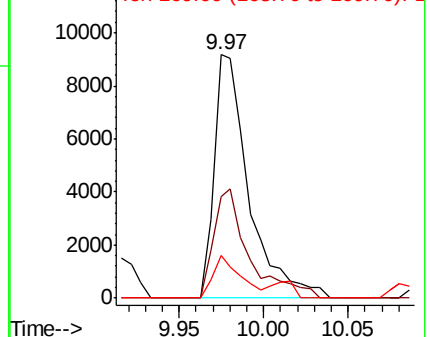
168 100

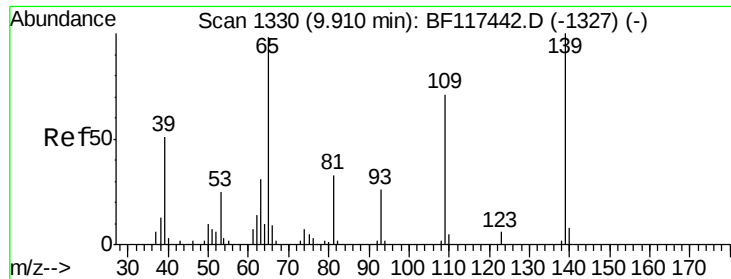
139 41.5 31.8 47.6

169 17.4 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

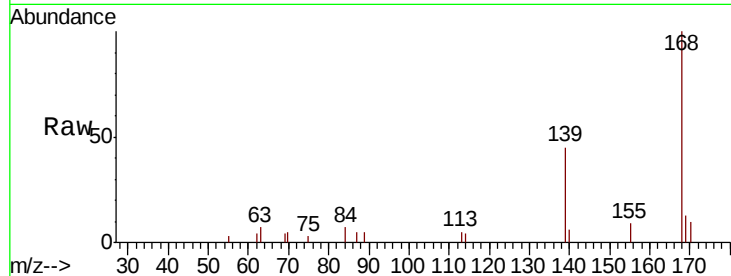




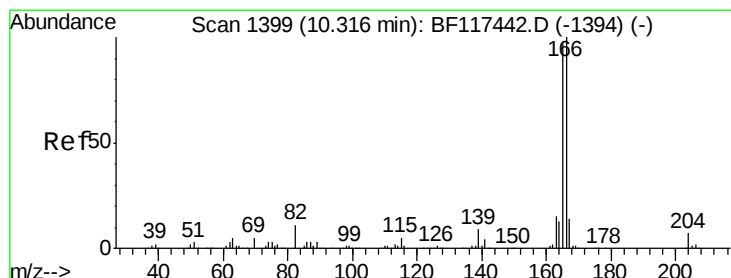
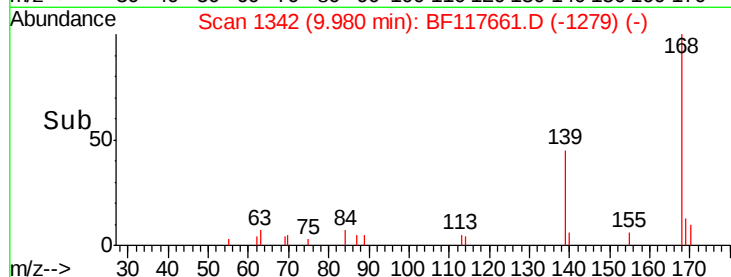
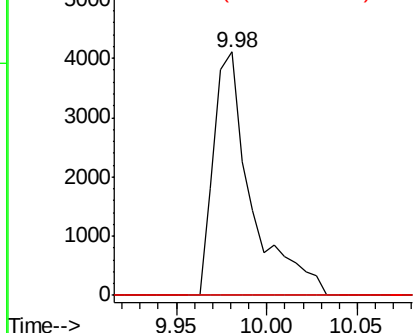
#56
4-Nitrophenol
Concen: 13.447 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.07 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 5973
Ion Ratio Lower Upper
139 100
109 0.0 51.4 91.4#
65 0.0 79.4 119.4#

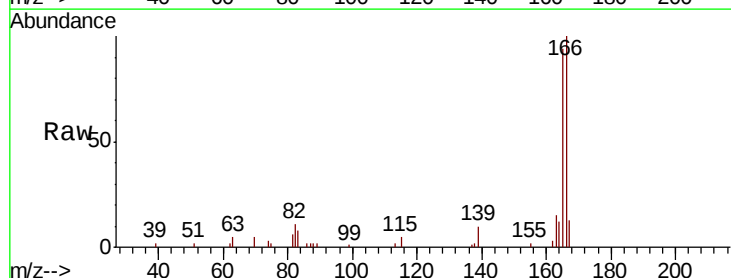


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

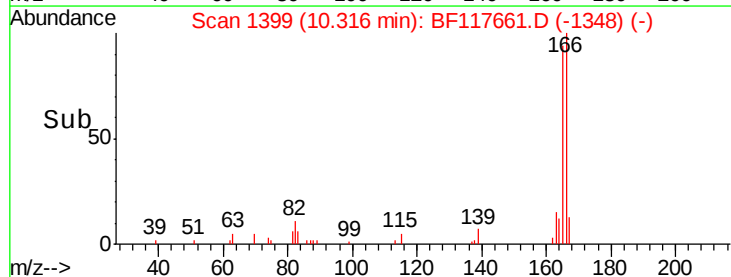
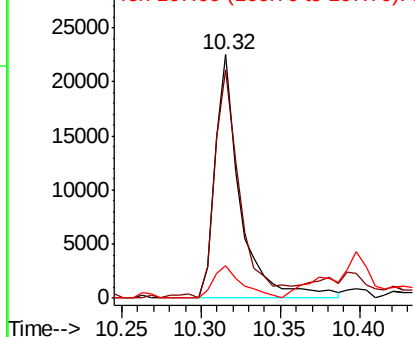


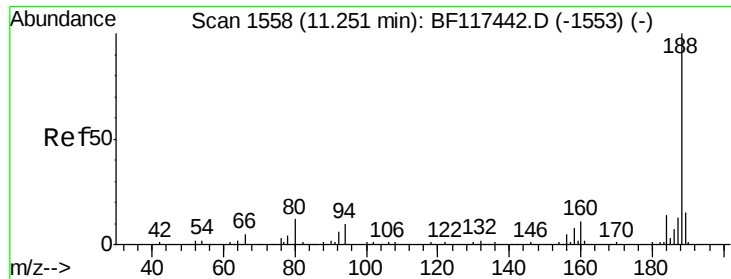
#58
Fluorene
Concen: 4.982 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Tgt Ion:166 Resp: 24570
Ion Ratio Lower Upper
166 100
165 93.5 77.6 116.4
167 13.1 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: BF117661.D

Acq: 31 Oct 2019 16:38

Instrument :

BNA_F

ClientSampleId :

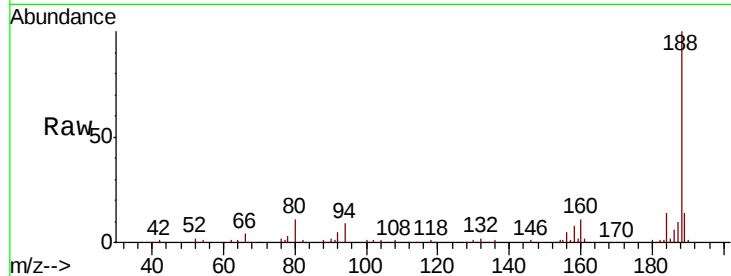
Tot Ion:188 Resp: 114400

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

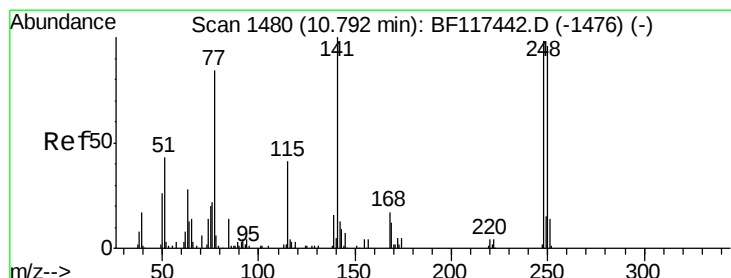
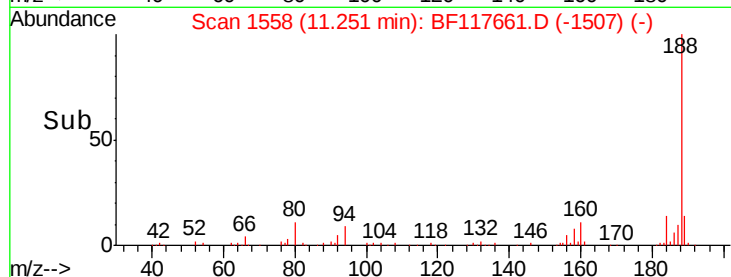
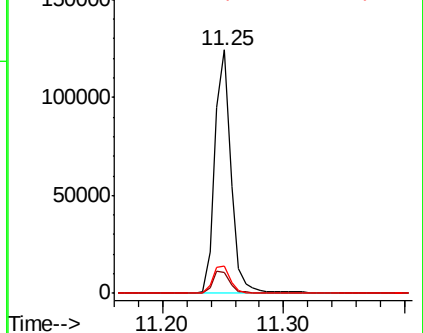
80 11.0 9.5 14.3



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



#67

4-Bromophenyl-phenylether

Concen: 2.733 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF117661.D

Acq: 31 Oct 2019 16:38

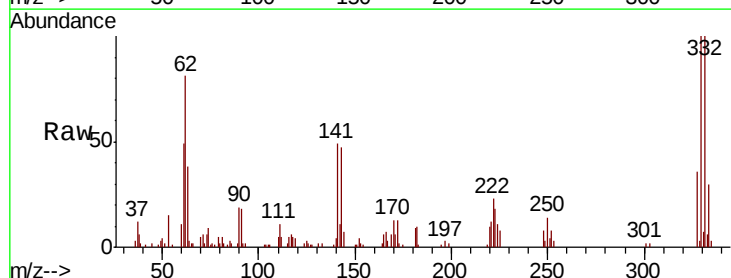
Tgt Ion:248 Resp: 3368

Ion Ratio Lower Upper

248 100

250 187.7 78.0 117.0#

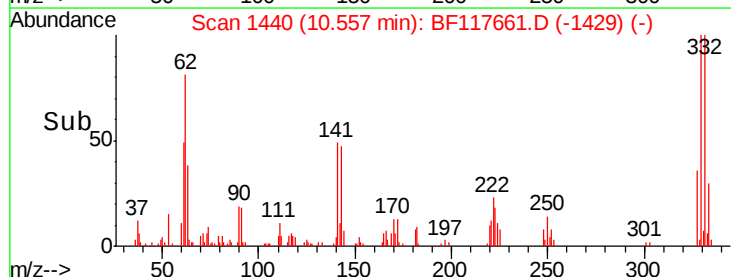
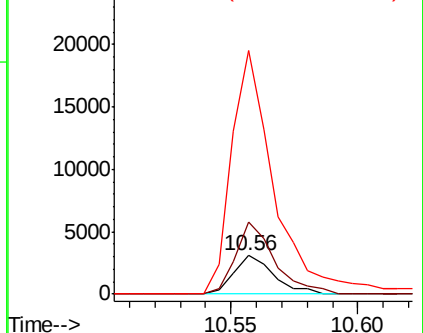
141 632.9 81.7 122.5#

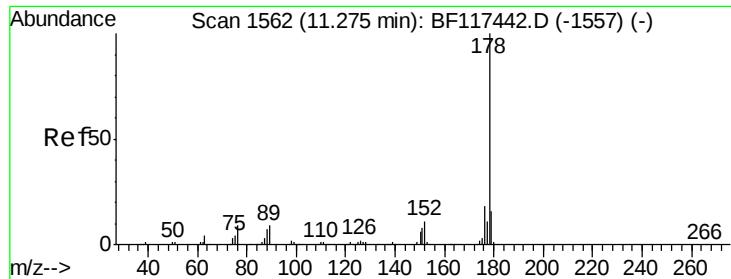


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

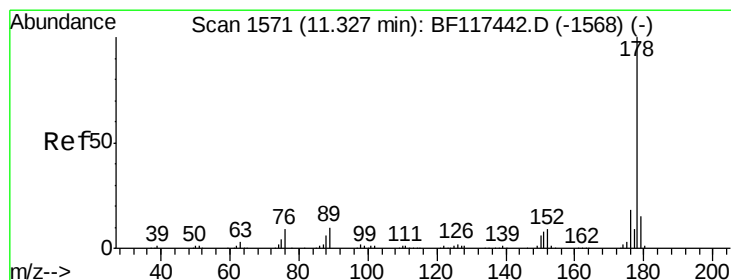
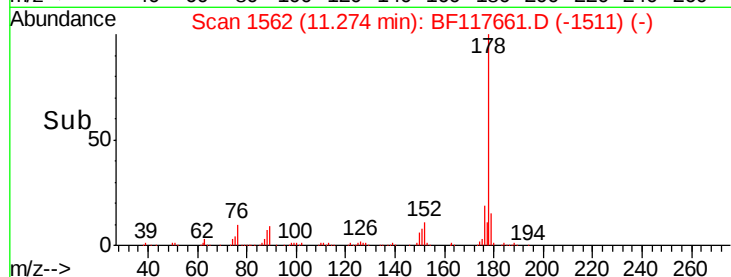
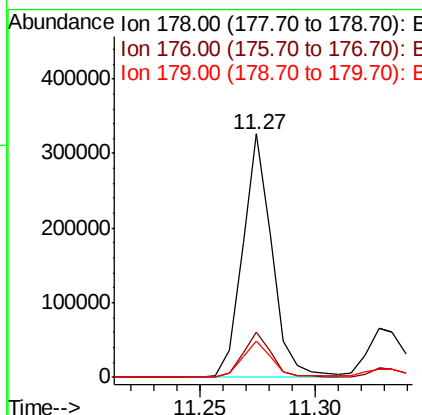
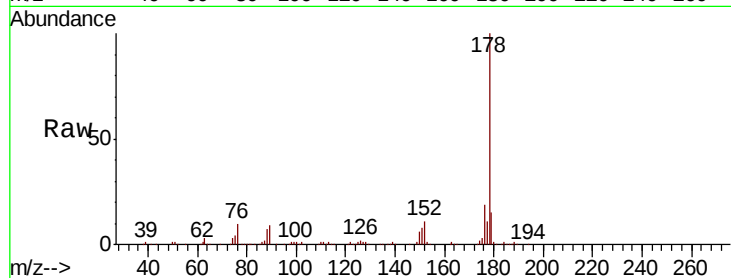




#71
Phenanthrene
Concen: 43.601 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

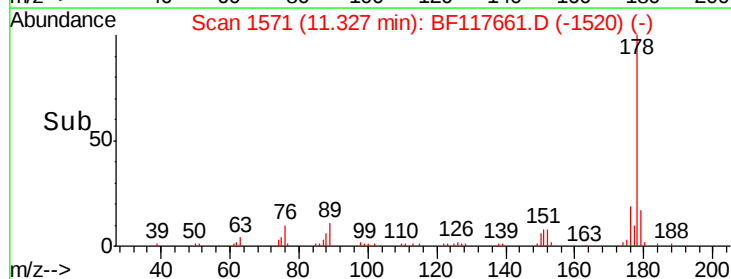
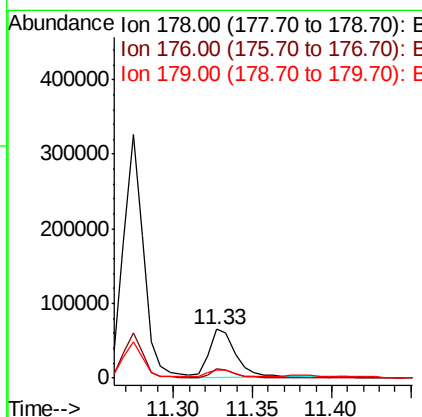
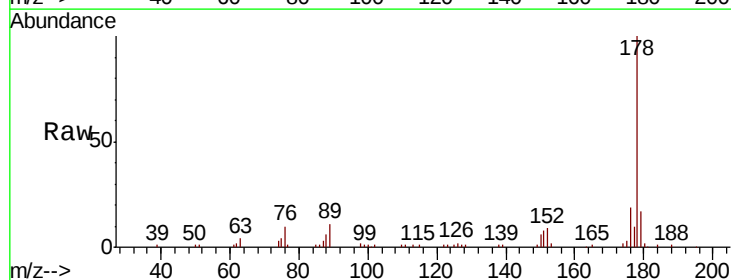
Instrument :
BNA_F
ClientSampleId :

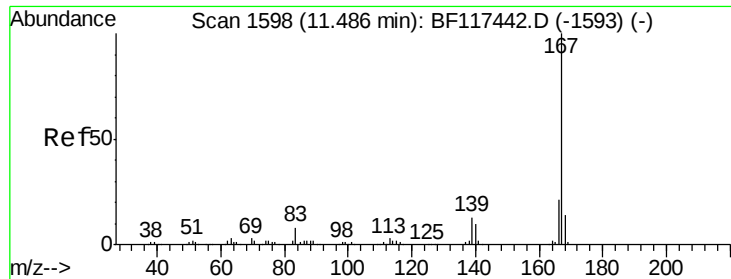
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	14.7	12.6	19.0



#72
Anthracene
Concen: 11.459 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	17.3	12.2	18.2

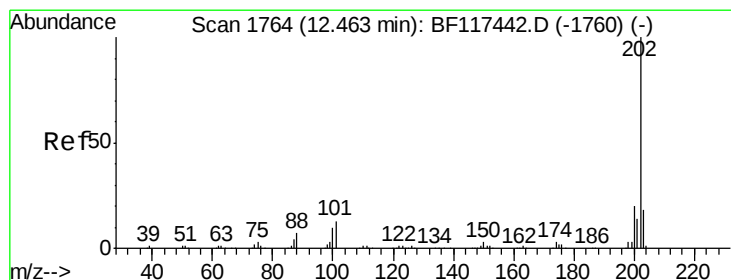
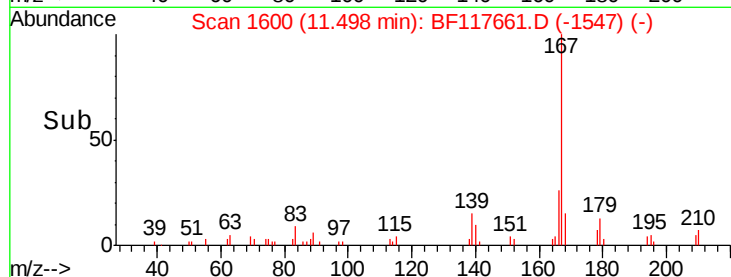
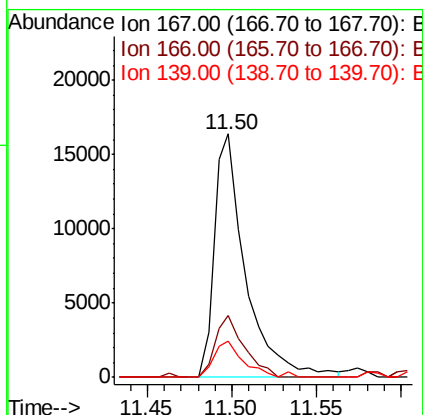
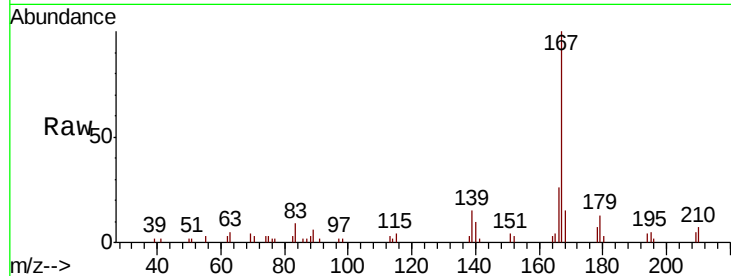




#73
 Carbazole
 Concen: 3.387 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: BF117661.D
 Acq: 31 Oct 2019 16:38

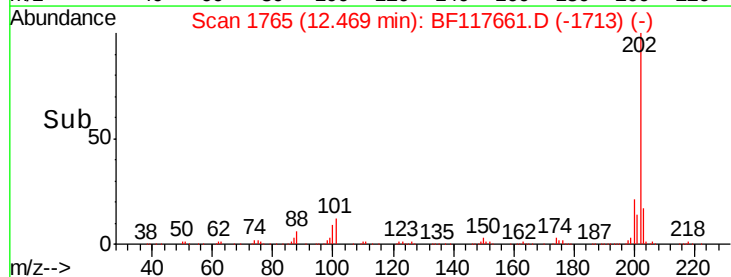
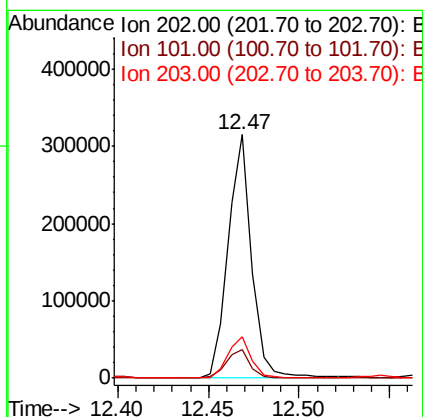
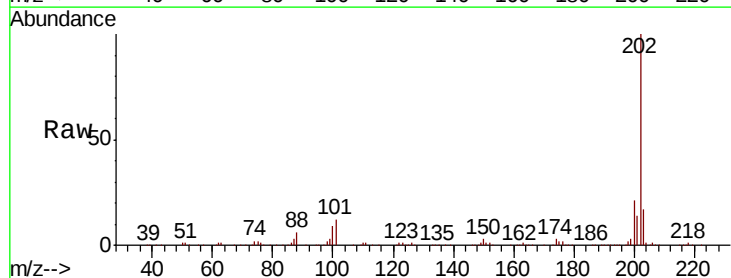
Instrument :
 BNA_F
 ClientSampleId :

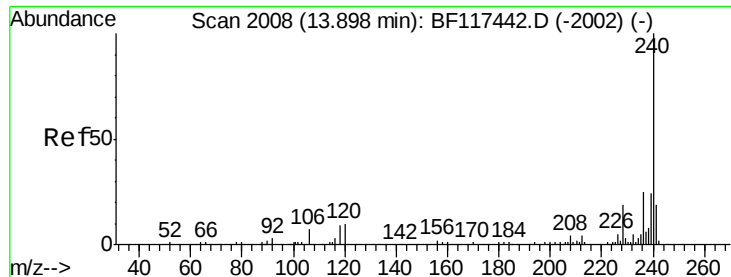
Tot Ion:167 Resp: 21098
 Ion Ratio Lower Upper
 167 100
 166 25.6 17.0 25.6#
 139 15.0 10.6 16.0



#75
 Fluoranthene
 Concen: 42.666 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117661.D
 Acq: 31 Oct 2019 16:38

Tgt Ion:202 Resp: 283729
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 32.7
 203 17.0 0.0 37.6

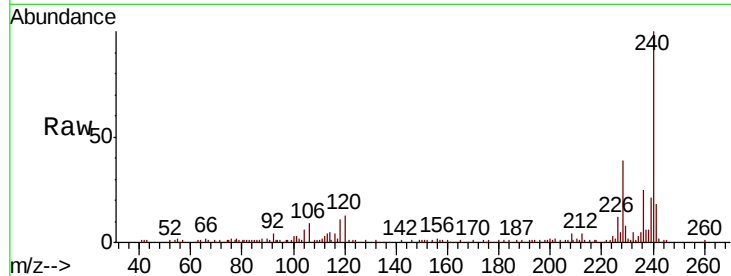




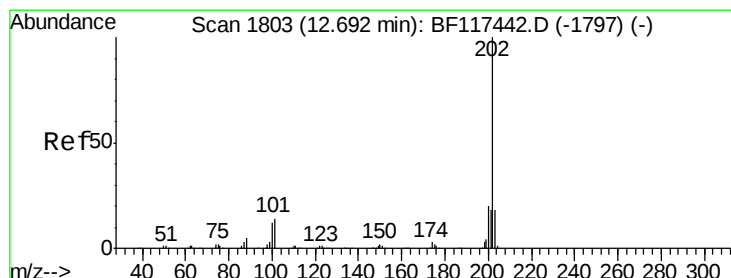
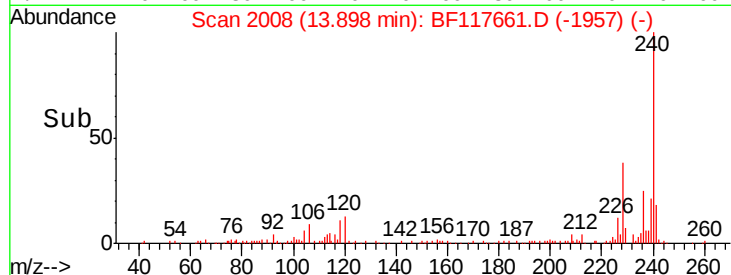
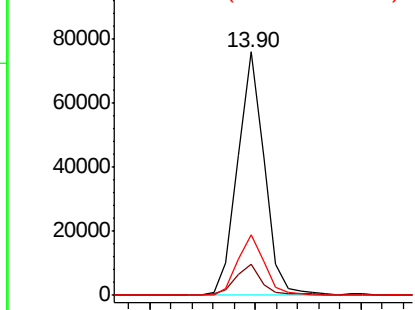
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 66221
Ion Ratio Lower Upper
240 100
120 12.5 8.4 12.6
236 25.0 20.0 30.0

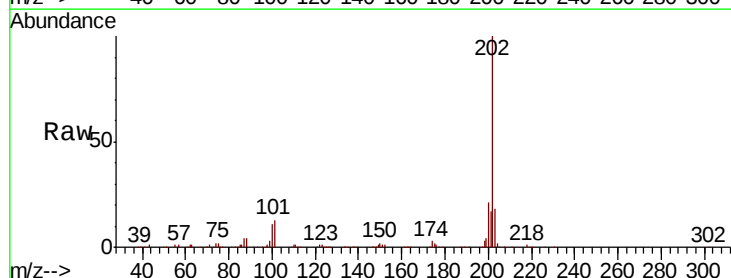


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

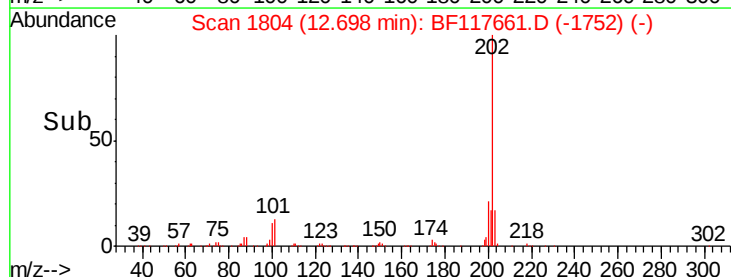
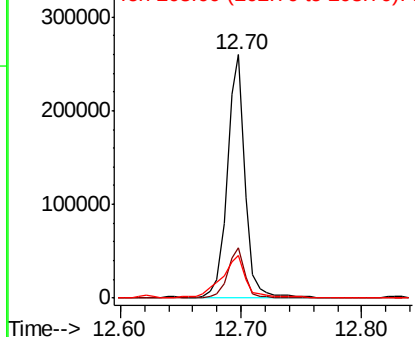


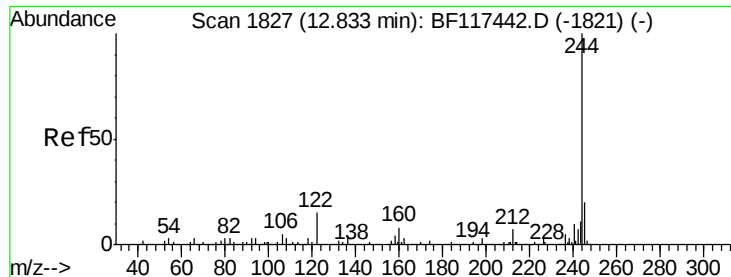
#78
Pyrene
Concen: 45.903 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Tgt Ion:202 Resp: 261095
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.2
203 17.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 49.057 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF117661.D

Acq: 31 Oct 2019 16:38

Instrument :

BNA_F

ClientSampled :

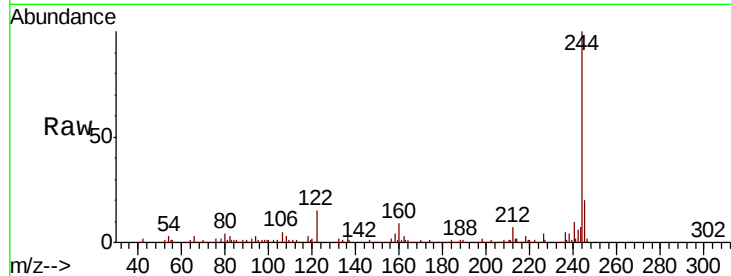
Tot Ion:244 Resp: 199165

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

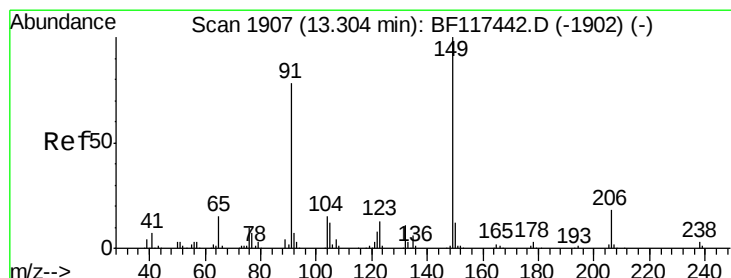
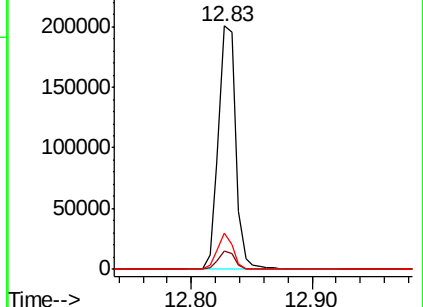
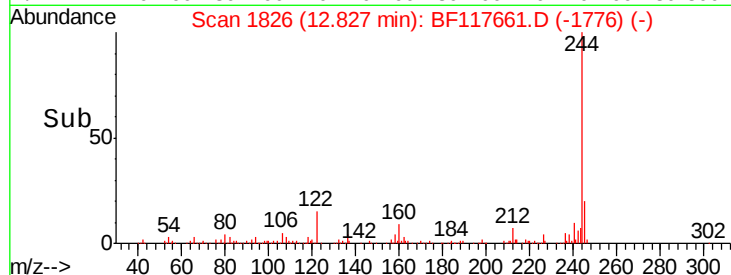
122 14.7 11.8 17.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 2.089 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF117661.D

Acq: 31 Oct 2019 16:38

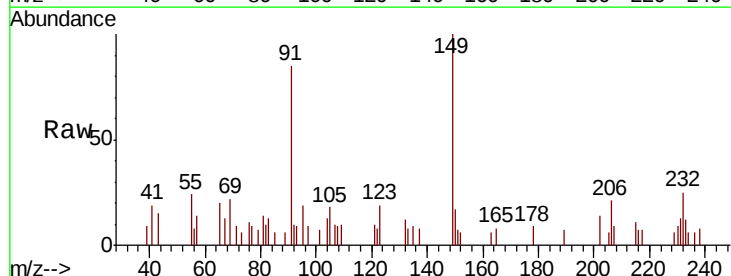
Tgt Ion:149 Resp: 5912

Ion Ratio Lower Upper

149 100

91 85.4 62.1 93.1

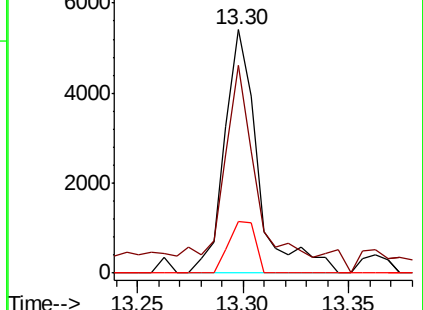
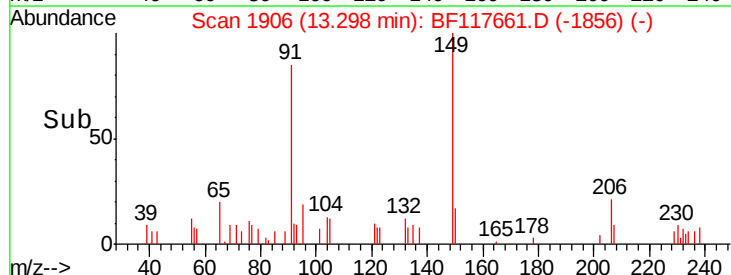
206 21.2 14.3 21.5

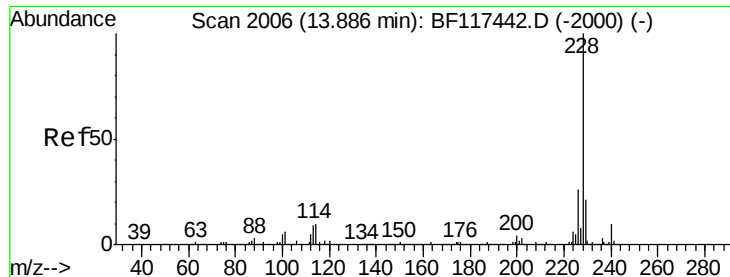


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 25.472 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF117661.D

Acq: 31 Oct 2019 16:38

Instrument :

BNA_F

ClientSampleId :

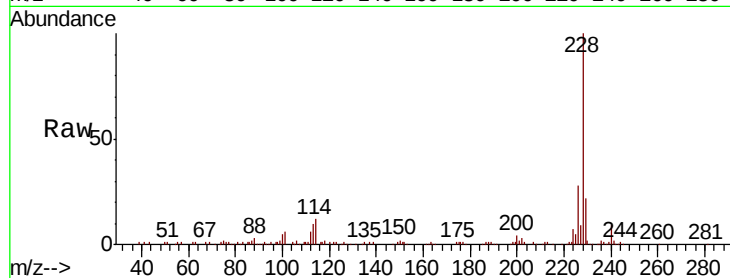
Tot Ion:228 Resp: 113781

Ion Ratio Lower Upper

228 100

226 27.8 21.0 31.4

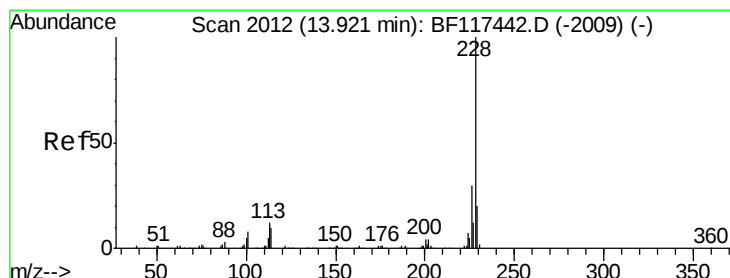
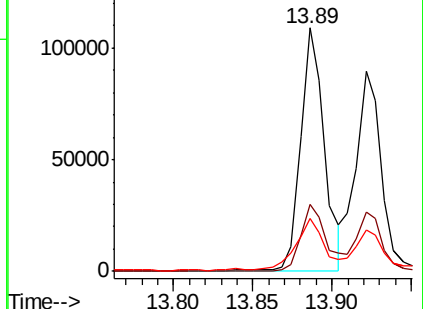
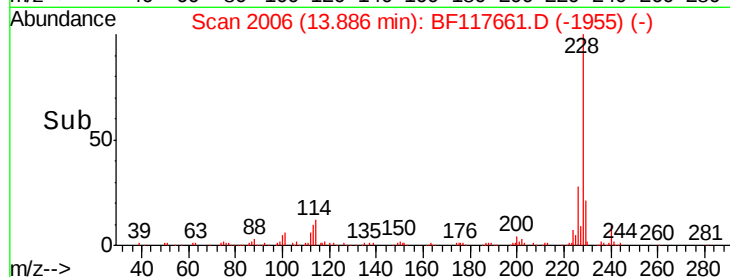
229 21.7 16.4 24.6



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: 22.808 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF117661.D

Acq: 31 Oct 2019 16:38

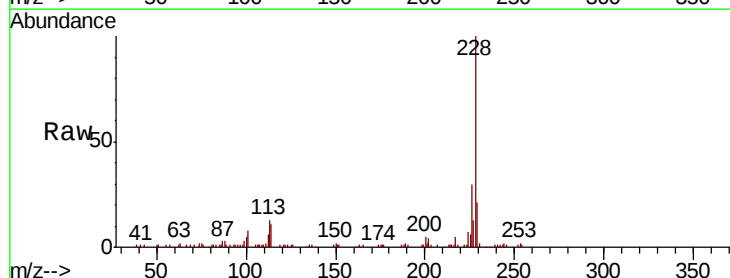
Tgt Ion:228 Resp: 99849

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

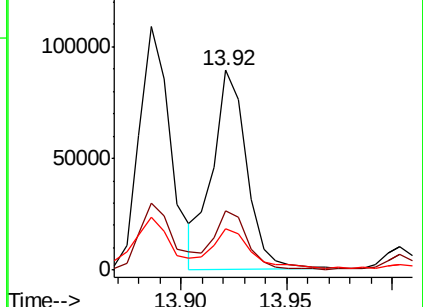
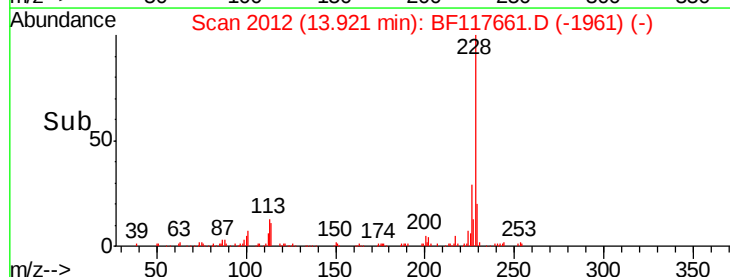
229 20.8 15.8 23.6

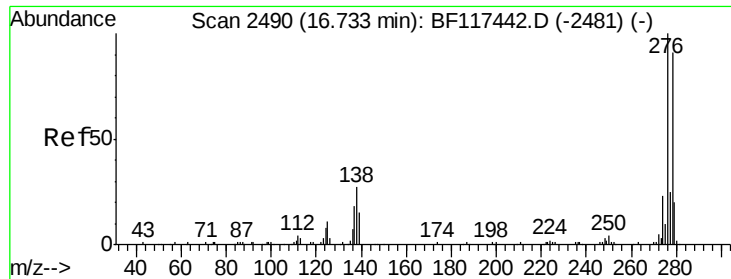


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

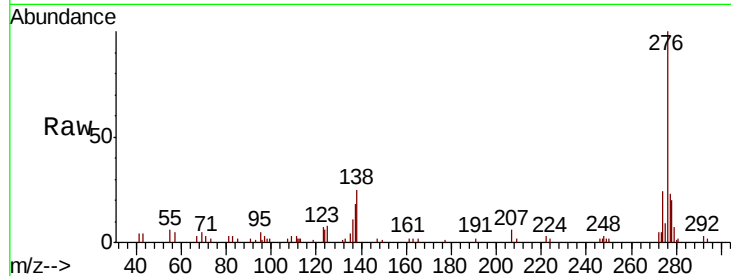




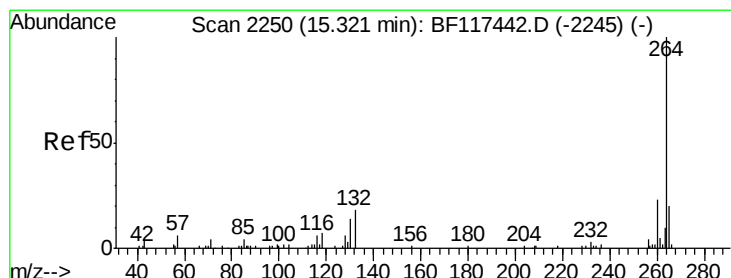
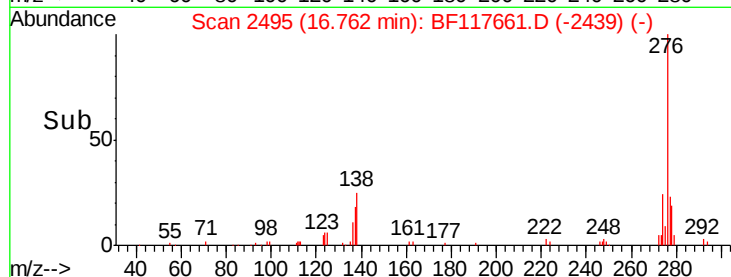
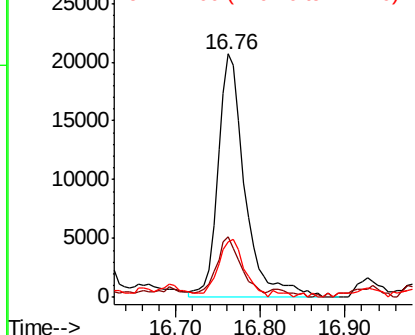
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 14.059 ng
 RT: 16.76 min Scan# 2495
 Delta R.T. 0.03 min
 Lab File: BF117661.D
 Acq: 31 Oct 2019 16:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	21.8	32.8
277	23.4	20.0	30.0

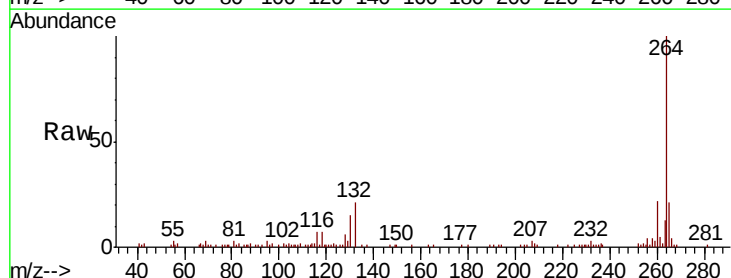


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

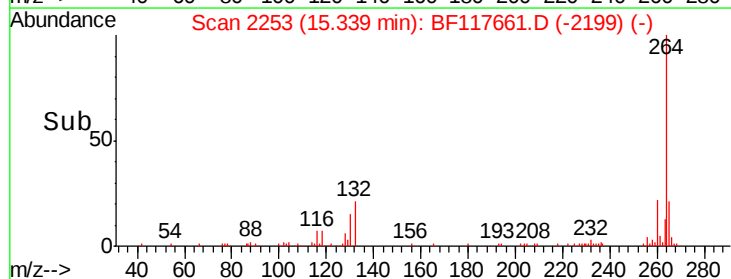
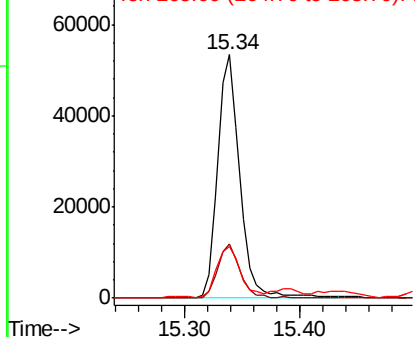


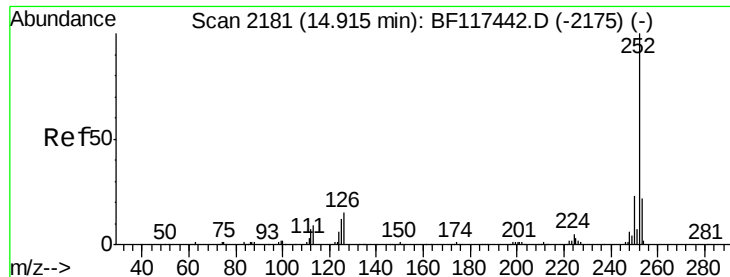
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.02 min
 Lab File: BF117661.D
 Acq: 31 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	21.3	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

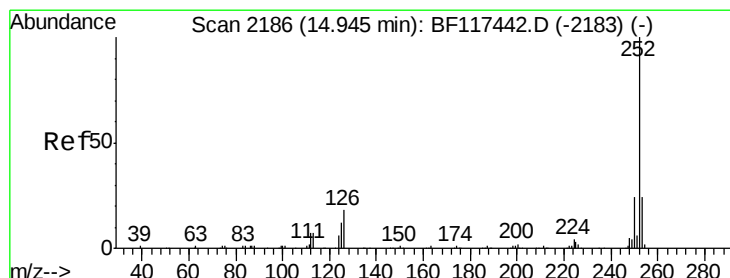
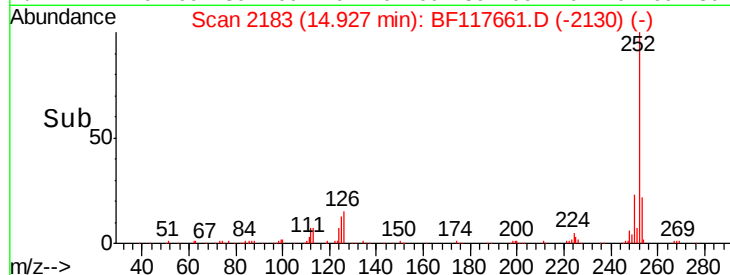
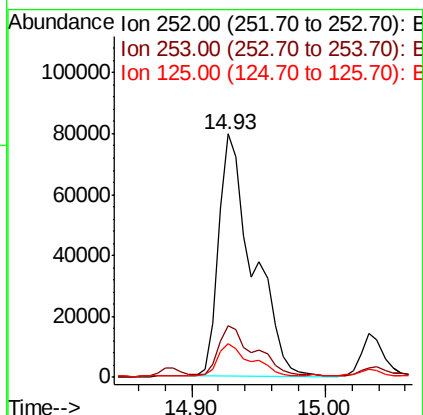
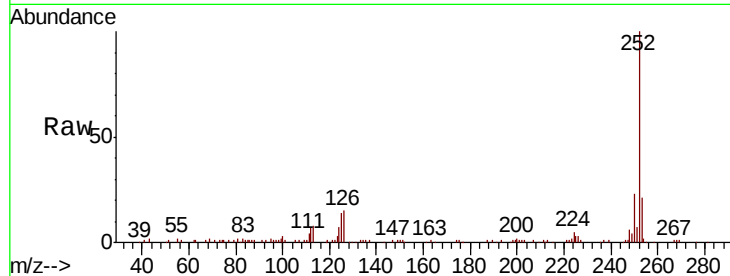




#88
Benzo(b)fluoranthene
Concen: 33.970 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

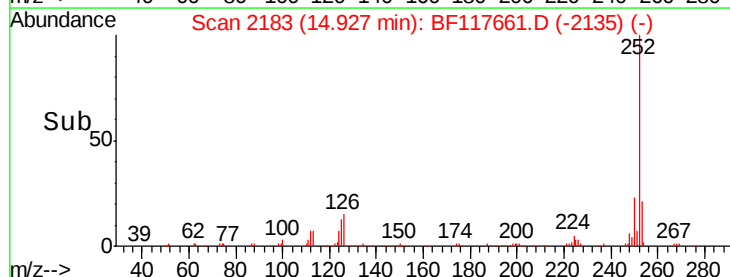
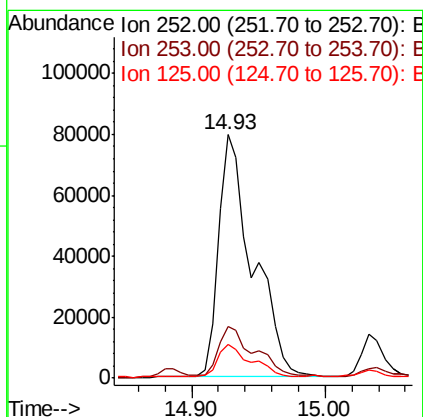
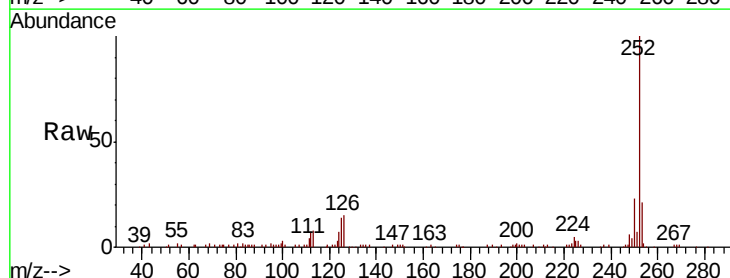
Instrument :
BNA_F
ClientSampleId :

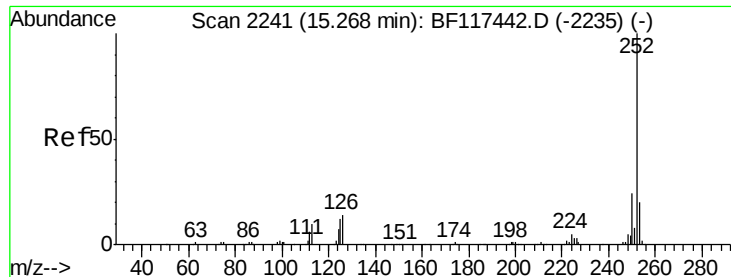
Tot Ion:252 Resp: 142524
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 13.7 9.9 14.9



#89
Benzo(k)fluoranthene
Concen: 33.002 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Tgt Ion:252 Resp: 141914
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 13.7 8.9 13.3#

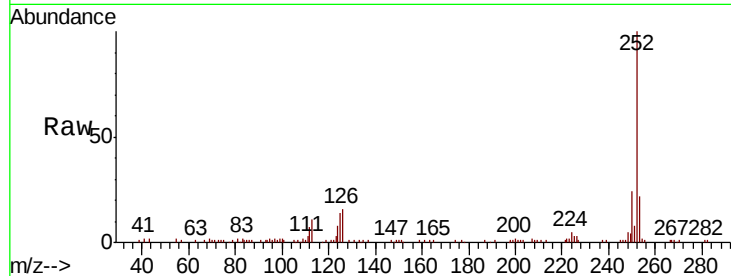




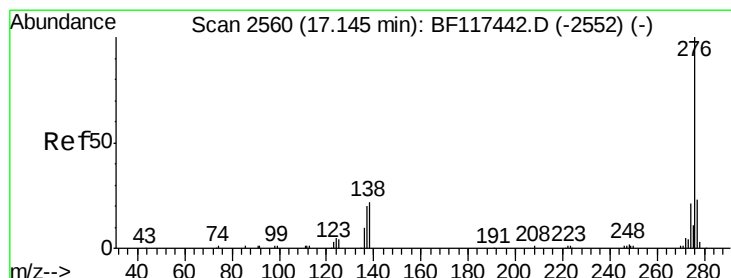
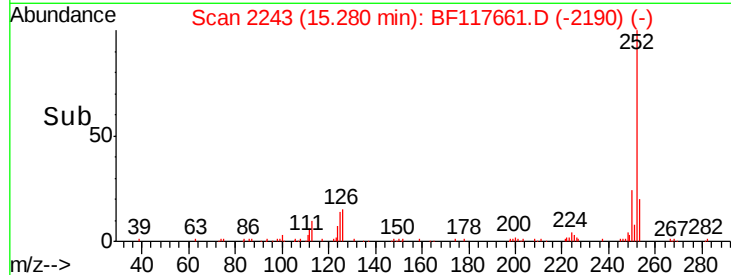
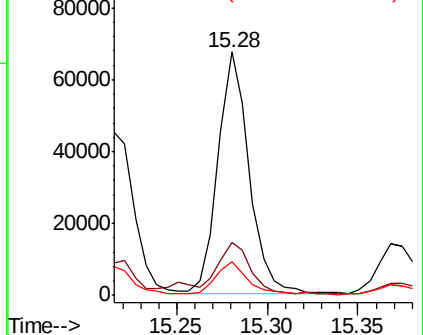
#90
Benzo(a)pyrene
Concen: 21.234 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 81002
Ion Ratio Lower Upper
252 100
253 21.8 16.3 24.5
125 14.0 9.2 13.8#

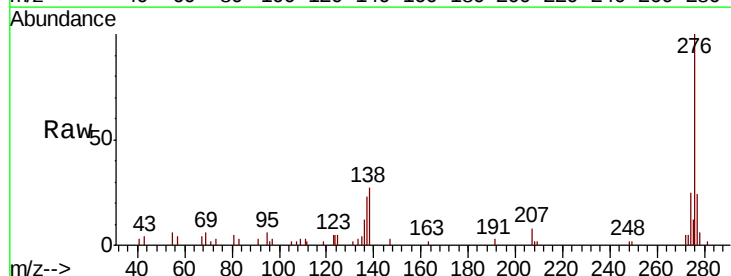


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 13.096 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.05 min
Lab File: BF117661.D
Acq: 31 Oct 2019 16:38

Tgt Ion:276 Resp: 40870
Ion Ratio Lower Upper
276 100
277 24.0 18.4 27.6
138 26.5 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

