

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117631.D
 Acq On : 30 Oct 2019 18:12
 Operator : JU
 Sample : K5542-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

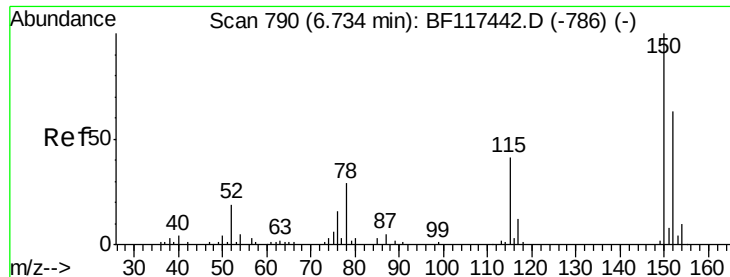
Quant Time: Oct 31 01:25:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	38265	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	154520	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	72750	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	100943	20.00	ng	0.00
76) Chrysene-d12	13.90	240	77727	20.00	ng	0.00
87) Perylene-d12	15.33	264	66240	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	209210	81.34	ng	0.00
7) Phenol-d6	6.39	99	292360	84.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	175221	55.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	42695	67.83	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	291027	56.36	ng	-0.01
79) Terphenyl-d14	12.83	244	216659	45.47	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.38	77	335	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.29	70	23040	10.921 ng	#	81
25) Isophorone	7.29	82	175220	32.361 ng	#	65
50) Dimethylphthalate	9.48	163	45153	8.706 ng		99
51) 2,6-Dinitrotoluene	9.76	165	9493	8.772 ng	#	22
56) 4-Nitrophenol	9.97	139	2874	8.639 ng	#	6
57) 2,4-Dinitrotoluene	9.76	165	9493	6.597 ng	#	12
58) Fluorene	10.32	166	11592	2.364 ng		92
67) 4-Bromophenyl-phenylether	10.56	248	2664	2.450 ng	#	1
71) Phenanthrene	11.27	178	168820	28.802 ng		98
72) Anthracene	11.33	178	45356	7.542 ng		95
73) Carbazole	11.50	167	13163	2.395 ng	#	94
75) Fluoranthene	12.46	202	207475	35.359 ng		100
77) Benzidine	12.83	184	2820	Below Cal	#	93
78) Pyrene	12.69	202	177297	26.556 ng		99
81) Benzo(a)anthracene	13.89	228	85752	16.356 ng		99
83) Chrysene	13.92	228	73903	14.382 ng		98
86) Indeno(1,2,3-cd)pyrene	16.76	276	29035	7.568 ng		99
88) Benzo(b)fluoranthene	14.93	252	105897	27.073 ng		98
89) Benzo(k)fluoranthene	14.93	252	105897	26.414 ng	#	97
90) Benzo(a)pyrene	15.27	252	53915	15.160 ng	#	95
91) Dibenzo(a,h)anthracene	16.74	278	7445	2.421 ng	#	88
92) Benzo(g,h,i)perylene	17.19	276	25044	8.607 ng		96

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

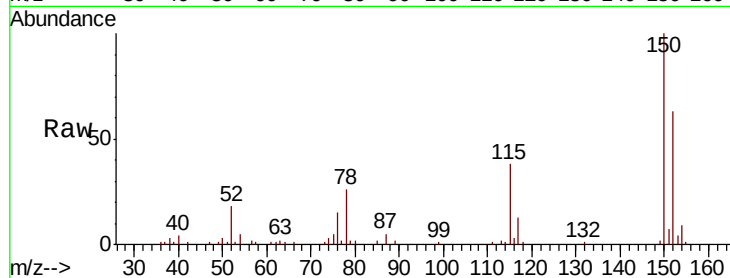


#1

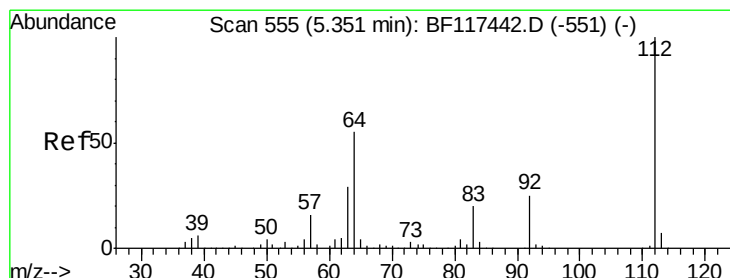
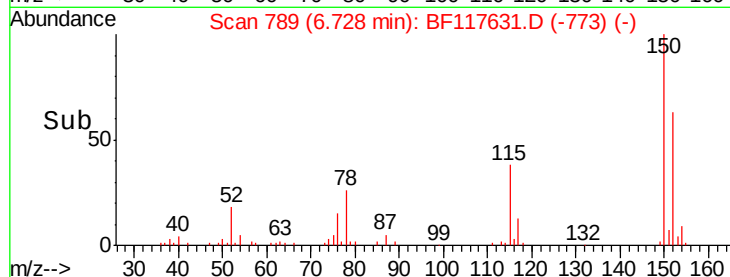
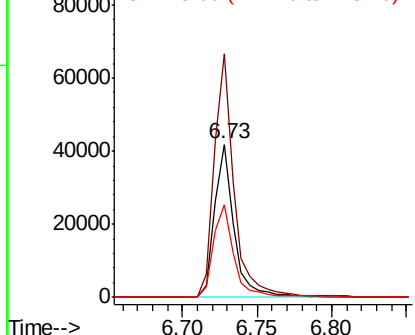
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117631.D
Acq: 30 Oct 2019 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 38265
Ion Ratio Lower Upper
152 100
150 159.0 126.8 190.2
115 60.7 51.6 77.4



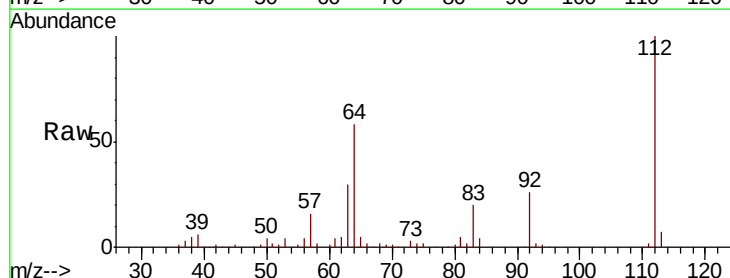
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



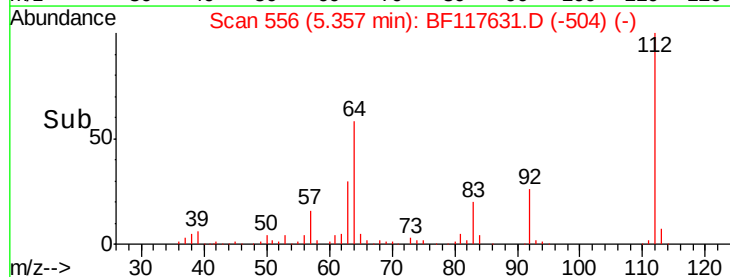
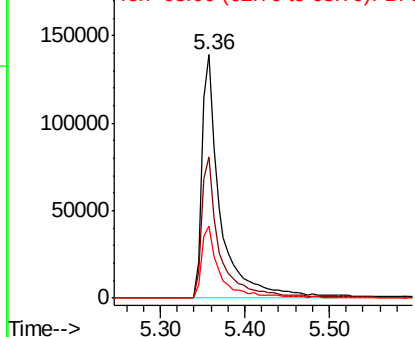
#5

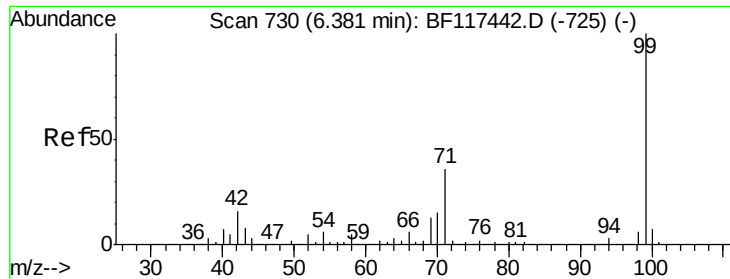
2-Fluorophenol
Concen: 81.339 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117631.D
Acq: 30 Oct 2019 18:12

Tgt Ion:112 Resp: 209210
Ion Ratio Lower Upper
112 100
64 58.2 44.1 66.1
63 29.8 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: 84.629 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

Instrument :

BNA_F

ClientSampleId :

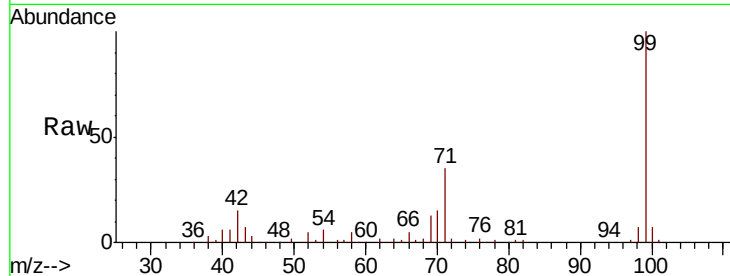
Tot Ion: 99 Resp: 292360

Ion Ratio Lower Upper

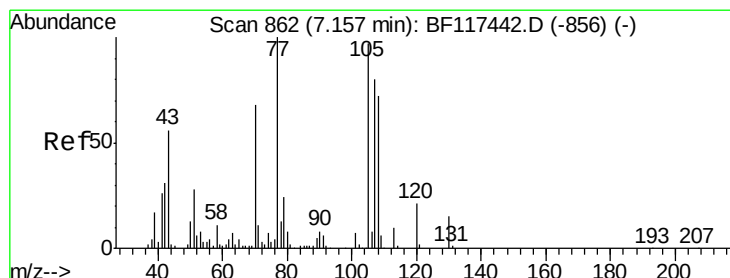
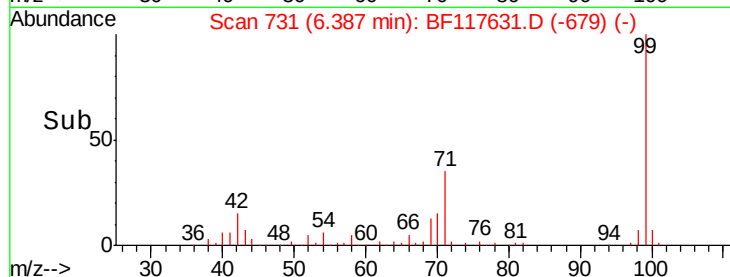
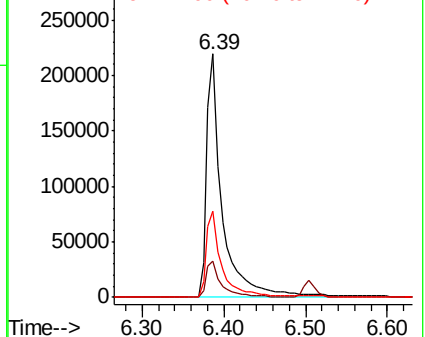
99 100

42 14.8 12.8 19.2

71 35.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.921 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

Tgt Ion: 70 Resp: 23040

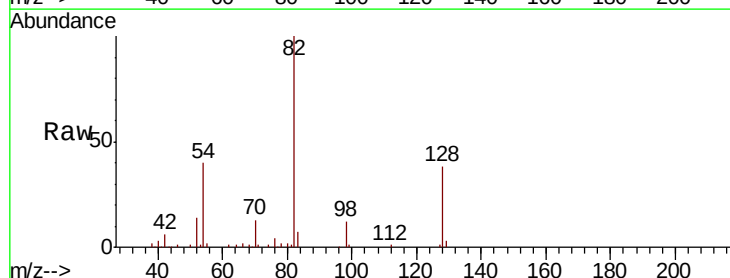
Ion Ratio Lower Upper

70 100

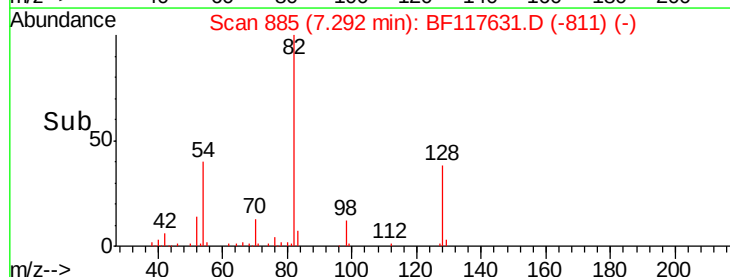
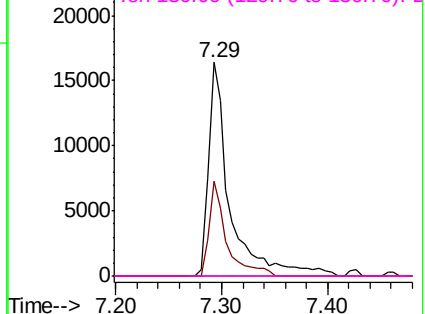
42 44.1 36.7 55.1

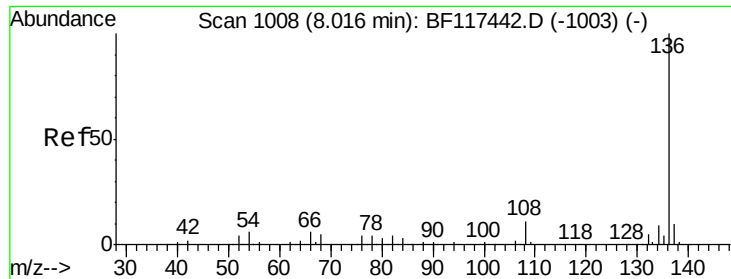
101 0.0 8.3 12.5#

130 0.0 18.1 27.1#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

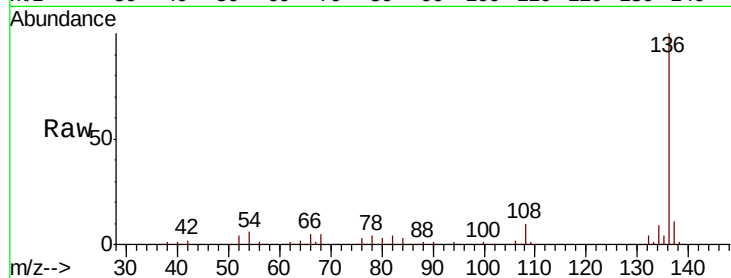




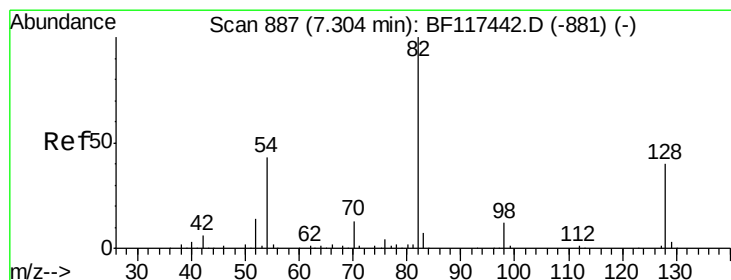
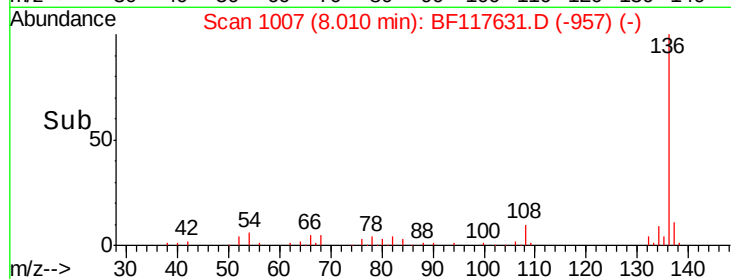
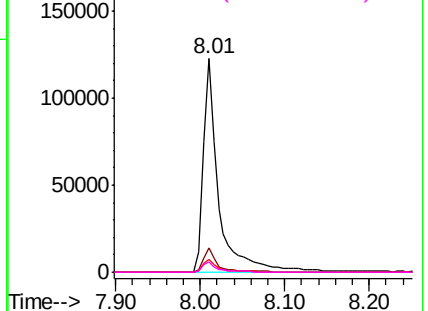
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117631.D
Acq: 30 Oct 2019 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	154520
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.2 12.4
54	6.1	4.5 6.7
68	4.6	4.3 6.5

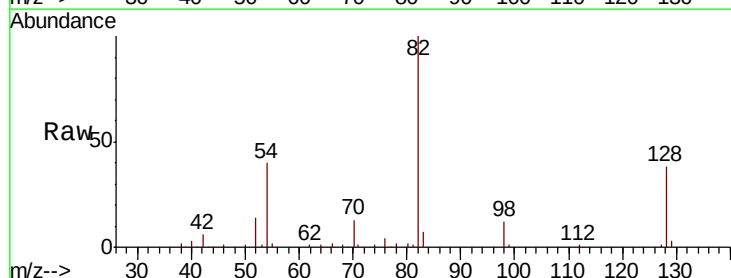


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

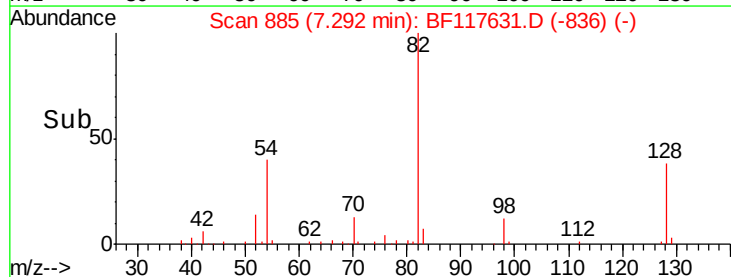
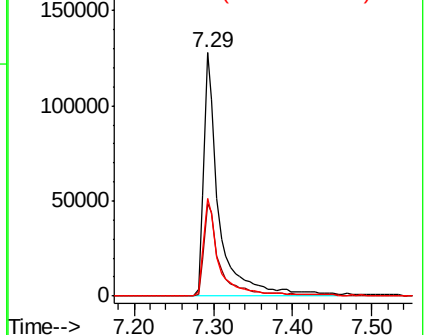


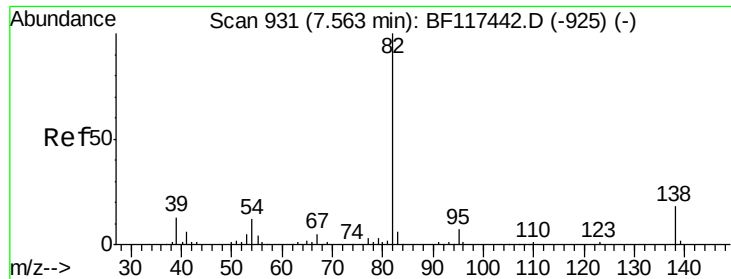
#23
Nitrobenzene-d5
Concen: 55.982 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117631.D
Acq: 30 Oct 2019 18:12

Tgt Ion: 82	Resp:	175221
Ion Ratio	Lower	Upper
82	100	
128	38.0	32.2 48.2
54	40.0	34.2 51.2



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





#25

Isophorone

Concen: 32.361 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

Instrument :

BNA_F

ClientSampleId :

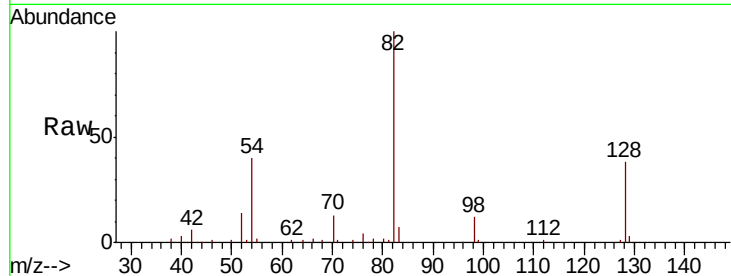
Tot Ion: 82 Resp: 175220

Ion Ratio Lower Upper

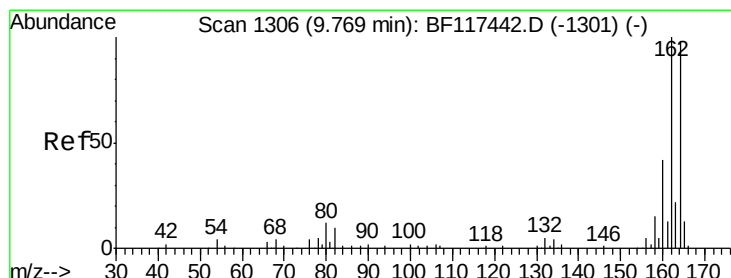
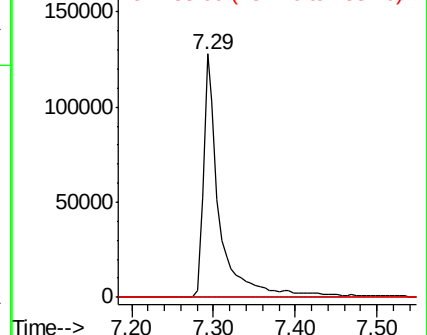
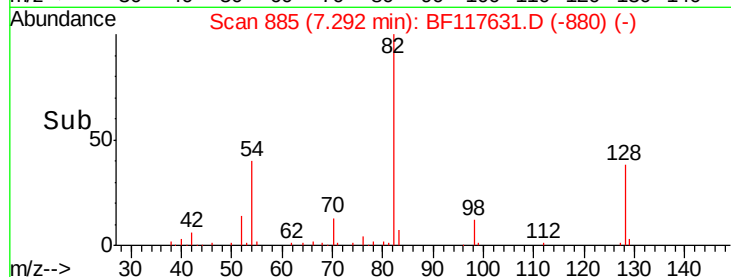
82 100

95 0.0 5.4 8.0#

138 0.0 14.2 21.2#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

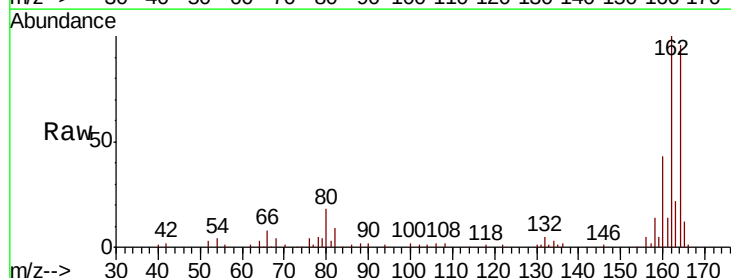
Tgt Ion:164 Resp: 72750

Ion Ratio Lower Upper

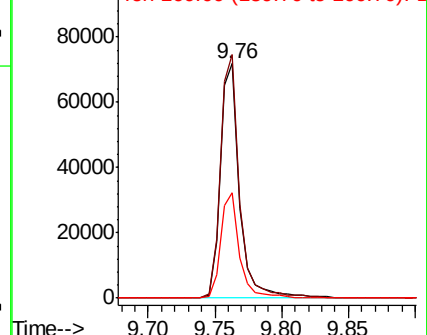
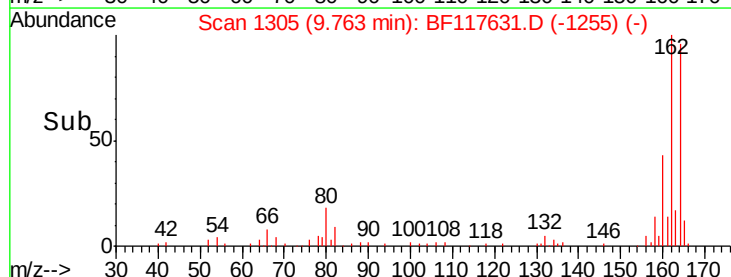
164 100

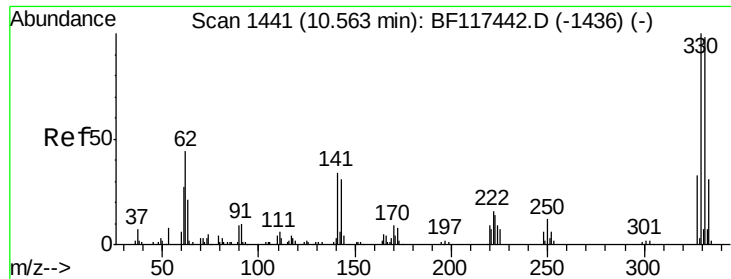
162 103.8 81.8 122.6

160 44.7 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: 67.826 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

Instrument :

BNA_F

ClientSampled :

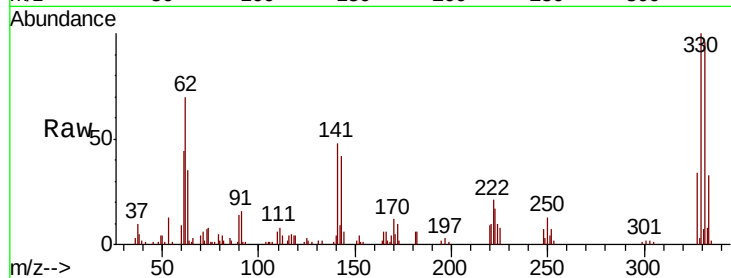
Tot Ion:330 Resp: 42695

Ion Ratio Lower Upper

330 100

332 97.0 78.5 117.7

141 48.0 37.0 55.6

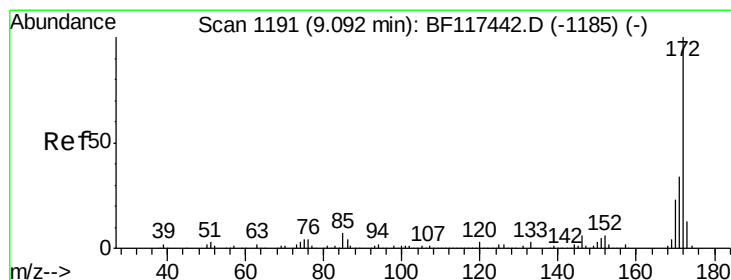
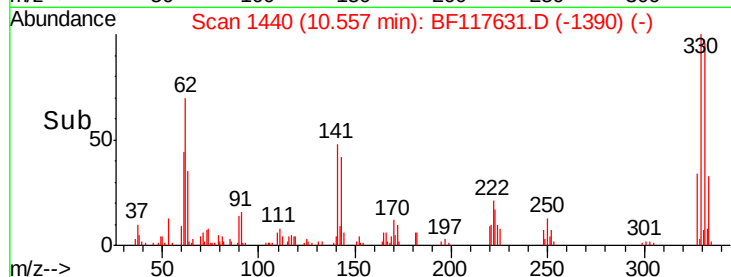
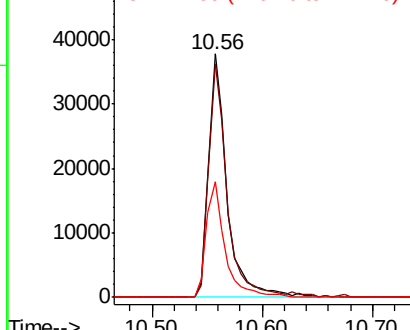


Abundance

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: 56.365 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

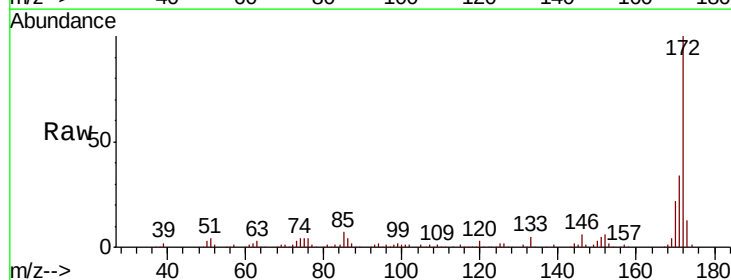
Tgt Ion:172 Resp: 291027

Ion Ratio Lower Upper

172 100

171 33.6 27.5 41.3

170 22.1 18.6 27.8

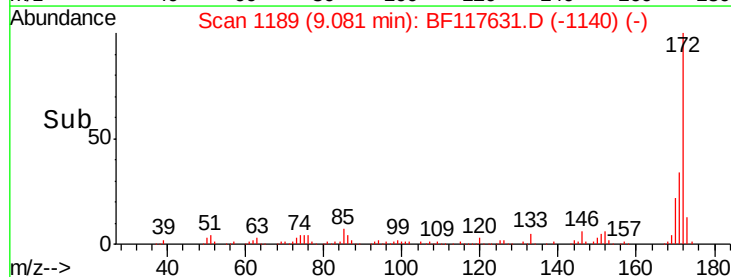
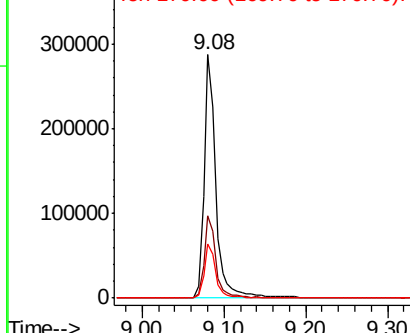


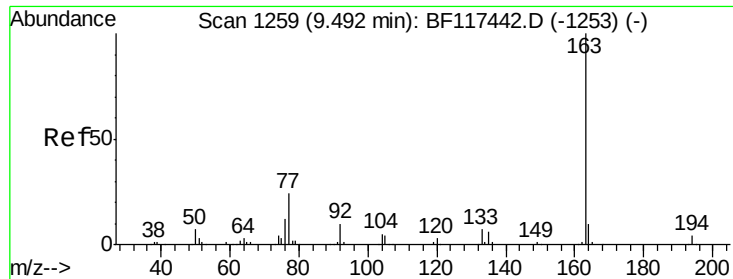
Abundance

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

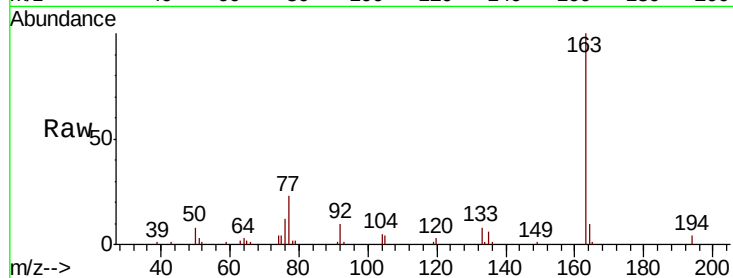




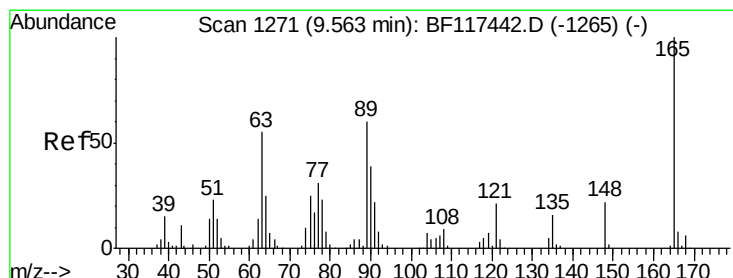
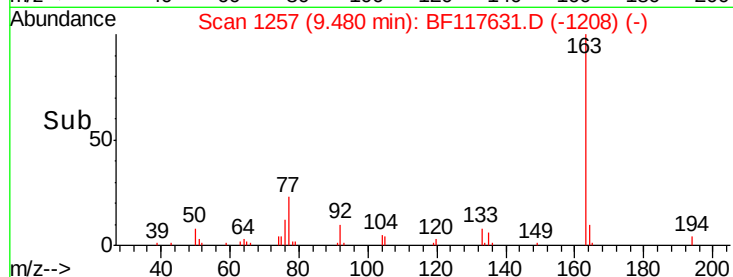
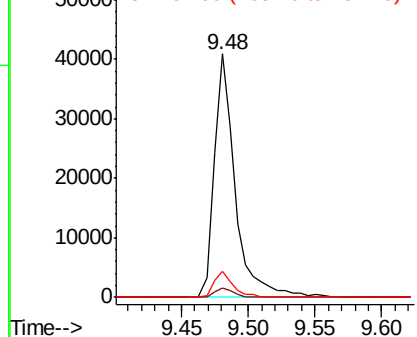
#50
Dimethylphthalate
Concen: 8.706 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117631.D
Acq: 30 Oct 2019 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.5	8.2	12.2

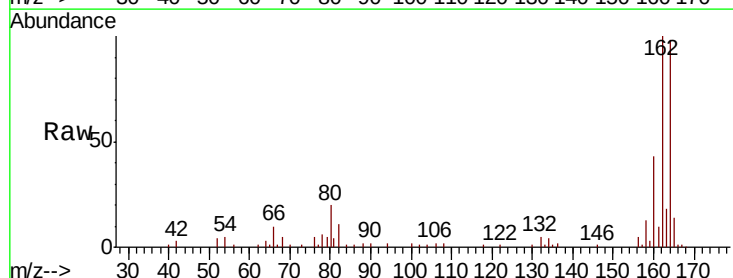


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

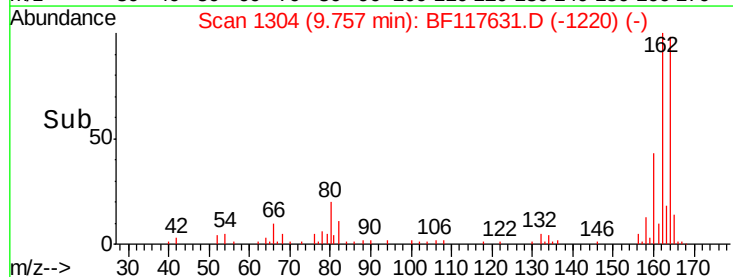
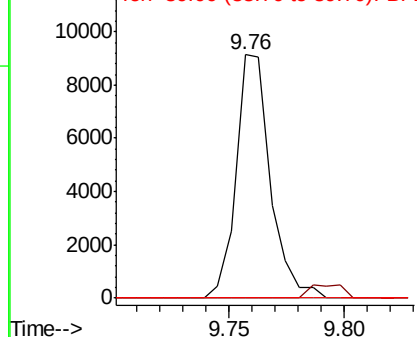


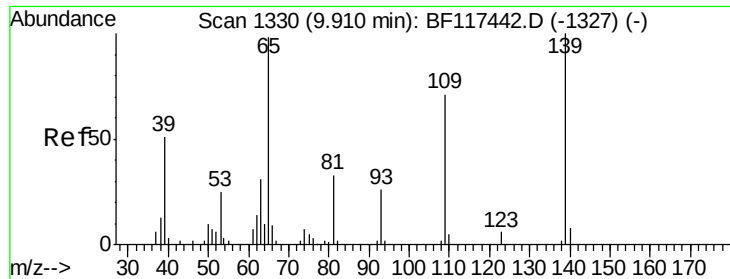
#51
2,6-Dinitrotoluene
Concen: 8.772 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.19 min
Lab File: BF117631.D
Acq: 30 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	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

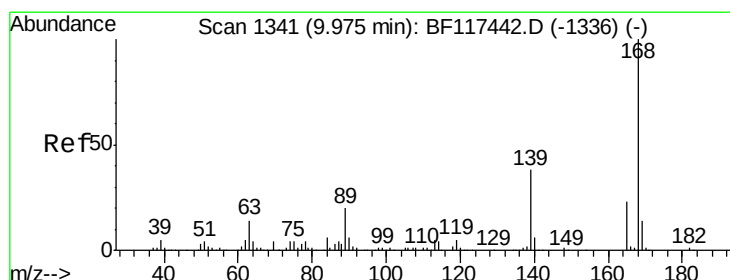
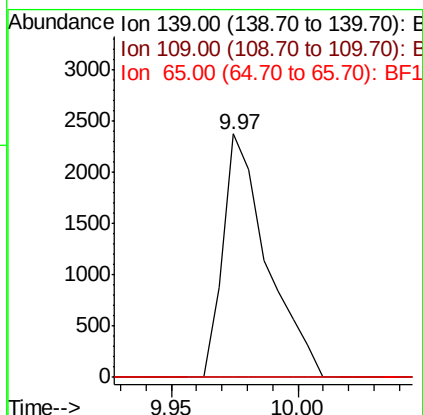
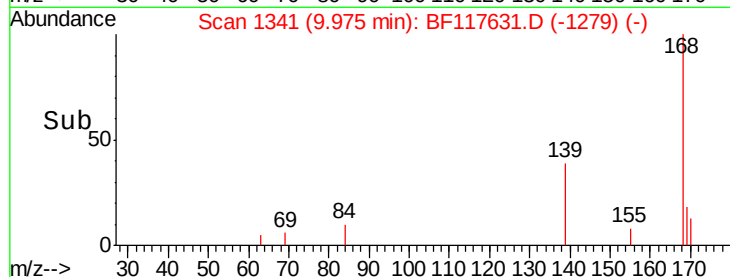
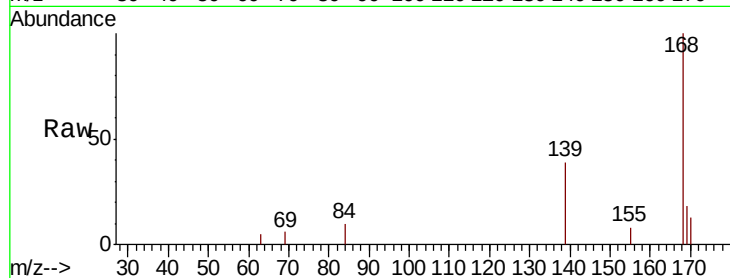




#56
4-Nitrophenol
Concen: 8.639 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF117631.D
Acq: 30 Oct 2019 18:12

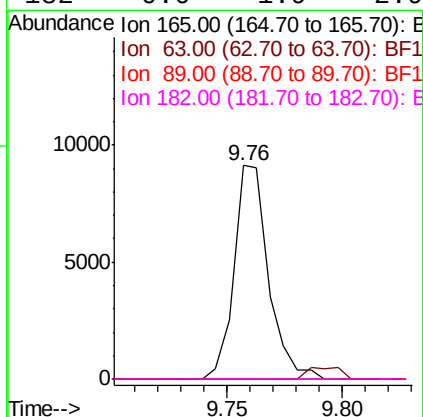
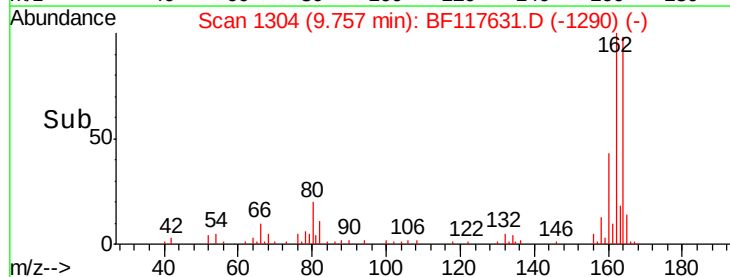
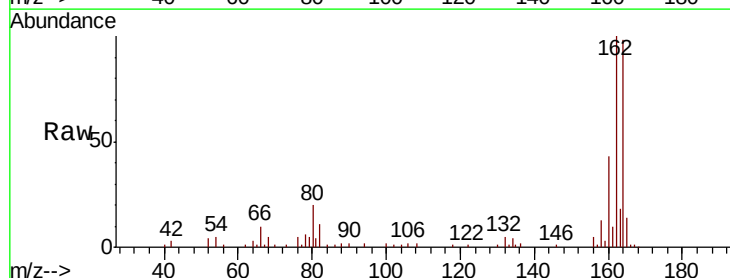
Instrument :
BNA_F
ClientSampleId :

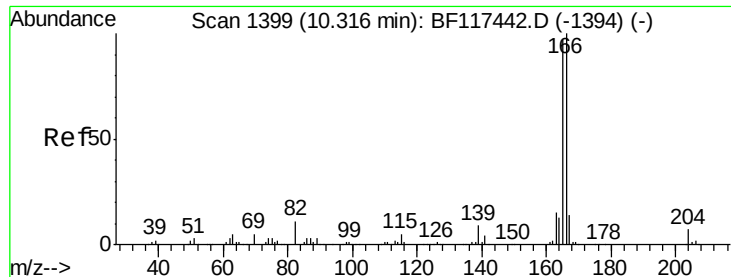
Tot Ion:139 Resp: 2874
Ion Ratio Lower Upper
139 100
109 0.0 51.4 91.4#
65 0.0 79.4 119.4#



#57
2,4-Dinitrotoluene
Concen: 6.597 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF117631.D
Acq: 30 Oct 2019 18:12

Tgt Ion:165 Resp: 9493
Ion Ratio Lower Upper
165 100
63 0.0 51.4 77.0#
89 0.0 69.9 104.9#
182 0.0 1.9 2.9#





#58

Fluorene

Concen: 2.364 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

Instrument :

BNA_F

ClientSampleId :

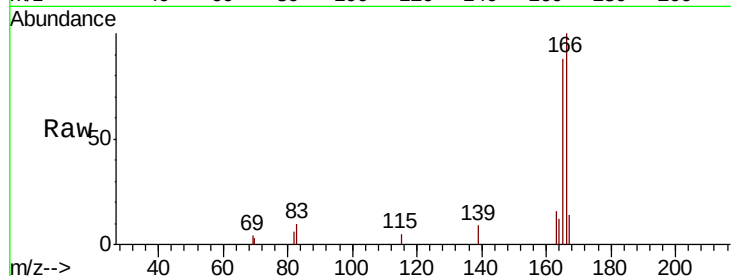
Tot Ion:166 Resp: 11592

Ion Ratio Lower Upper

166 100

165 87.7 77.6 116.4

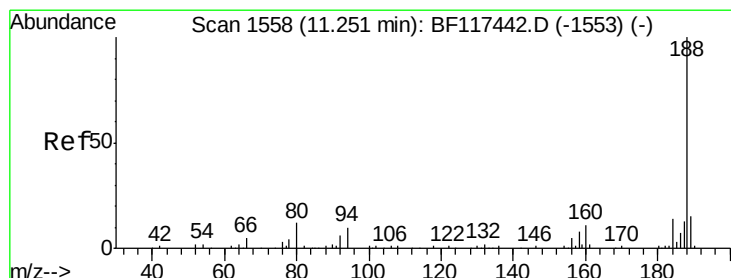
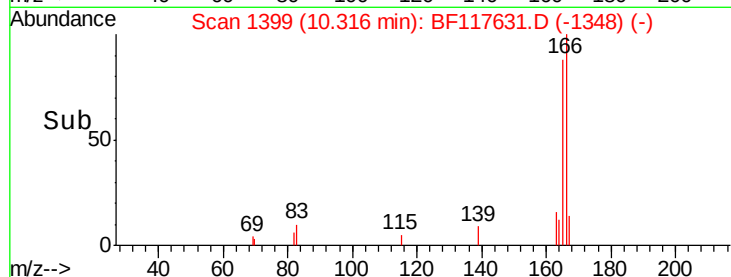
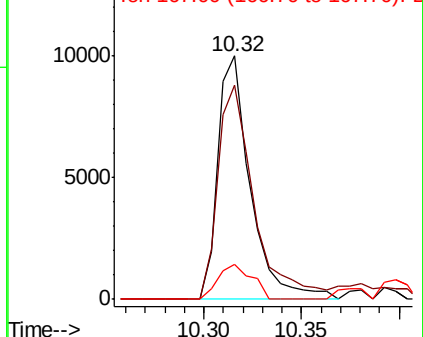
167 14.2 11.0 16.4



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: BF117631.D

Acq: 30 Oct 2019 18:12

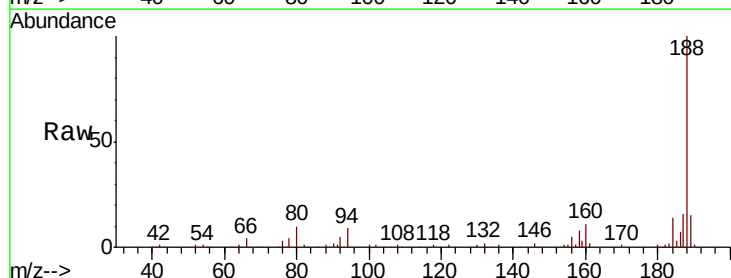
Tgt Ion:188 Resp: 100943

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

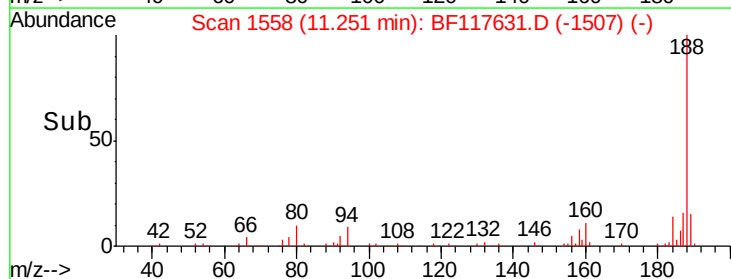
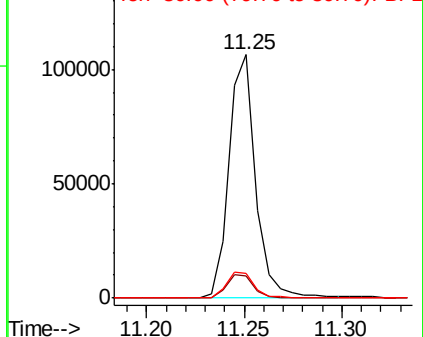
80 10.3 9.5 14.3

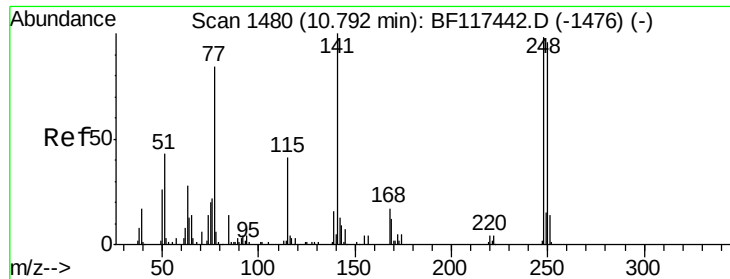


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

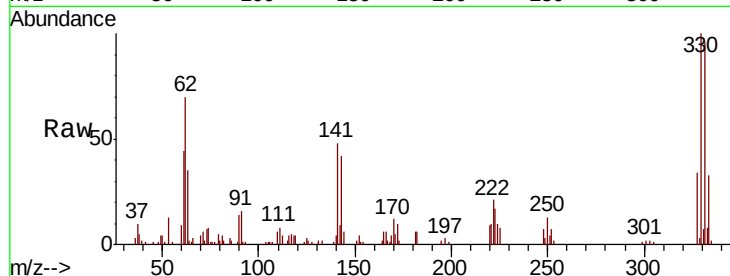




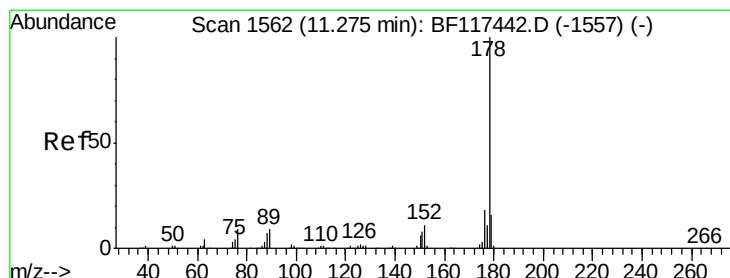
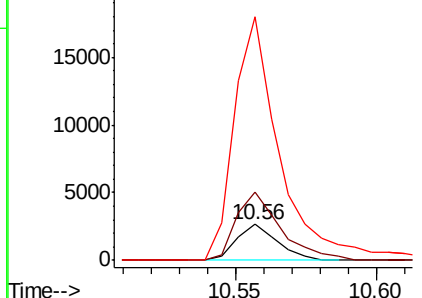
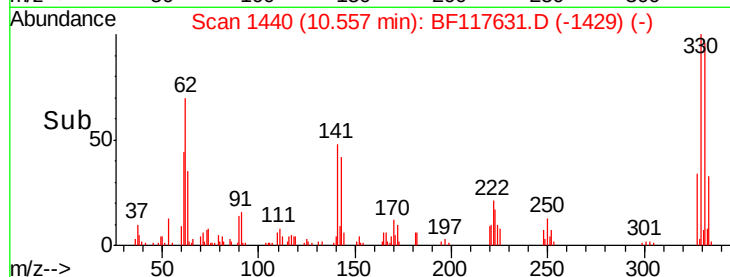
#67
 4-Bromophenyl-phenylether
 Concen: 2.450 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF117631.D
 Acq: 30 Oct 2019 18:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 2664
 Ion Ratio Lower Upper
 248 100
 250 190.8 78.0 117.0#
 141 675.9 81.7 122.5#

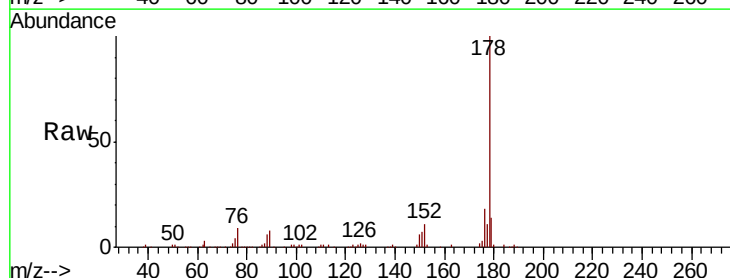


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

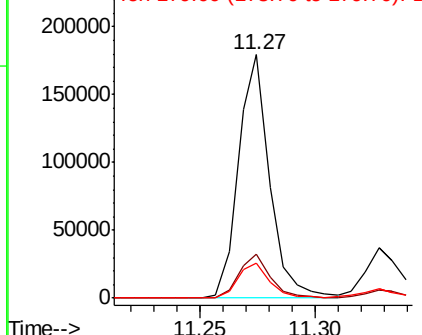
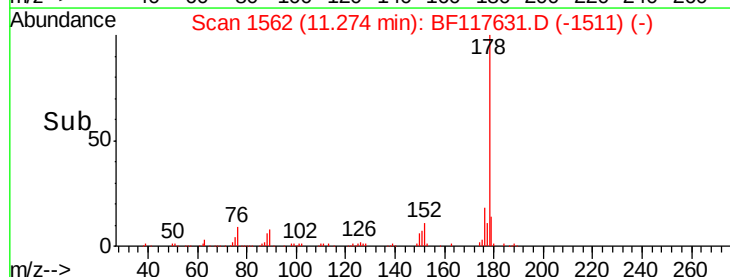


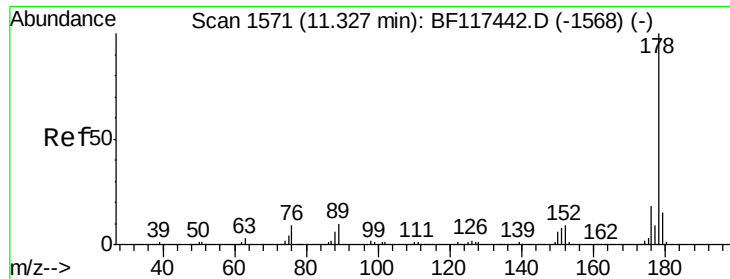
#71
 Phenanthrene
 Concen: 28.802 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF117631.D
 Acq: 30 Oct 2019 18:12

Tgt Ion:178 Resp: 168820
 Ion Ratio Lower Upper
 178 100
 176 17.8 14.6 22.0
 179 14.4 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

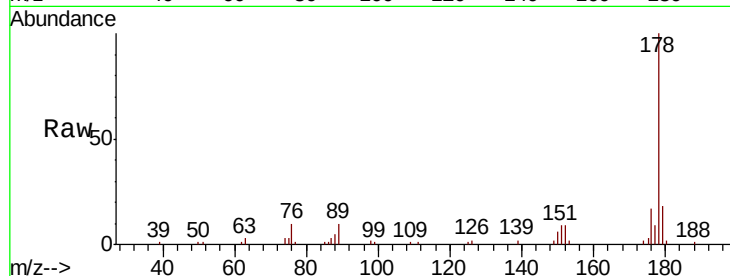




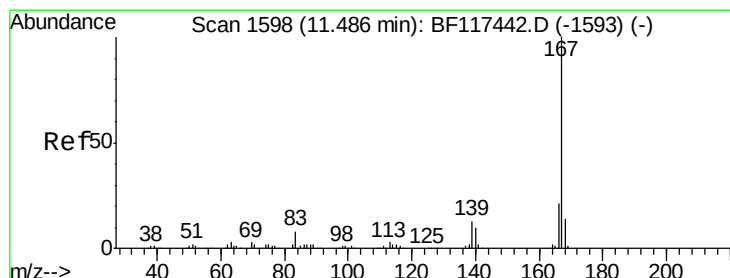
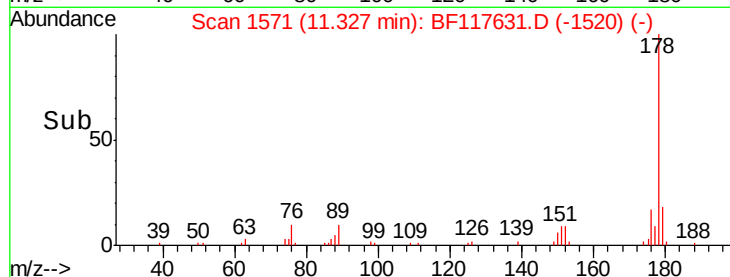
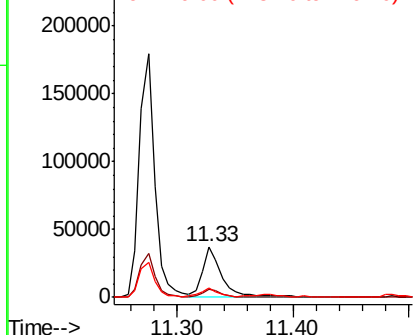
#72
 Anthracene
 Concen: 7.542 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF117631.D
 Acq: 30 Oct 2019 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 45356
 Ion Ratio Lower Upper
 178 100
 176 16.8 14.7 22.1
 179 17.7 12.2 18.2

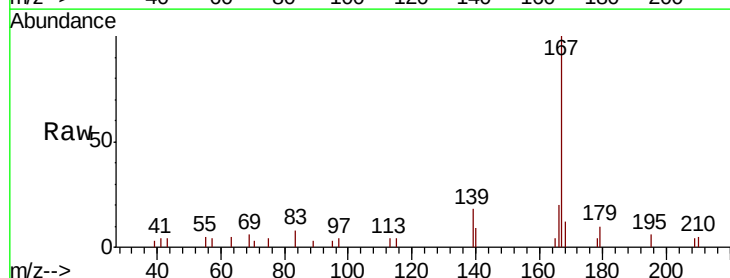


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

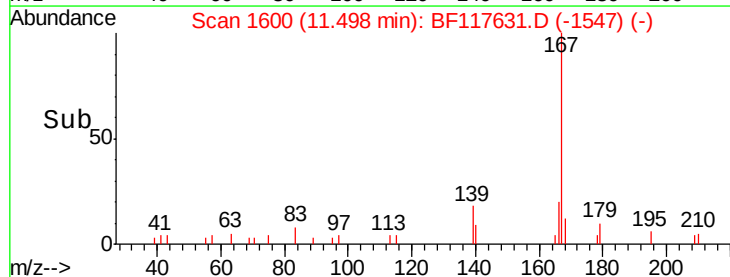
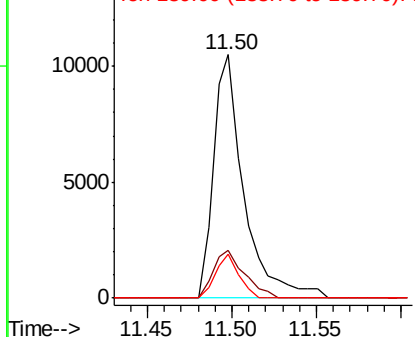


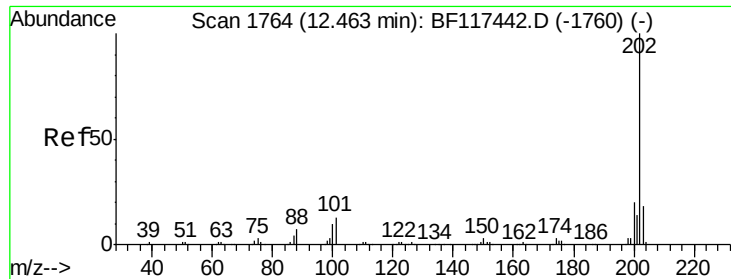
#73
 Carbazole
 Concen: 2.395 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: BF117631.D
 Acq: 30 Oct 2019 18:12

Tgt Ion:167 Resp: 13163
 Ion Ratio Lower Upper
 167 100
 166 19.9 17.0 25.6
 139 18.0 10.6 16.0#



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: 35.359 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117631.D

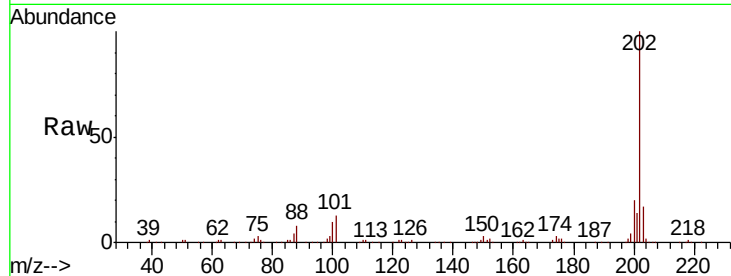
Acq: 30 Oct 2019 18:12

Instrument :

BNA_F

ClientSampled :

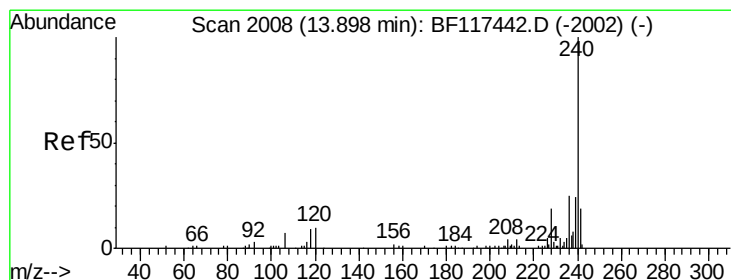
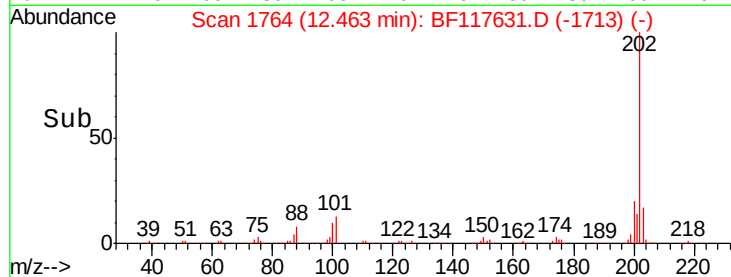
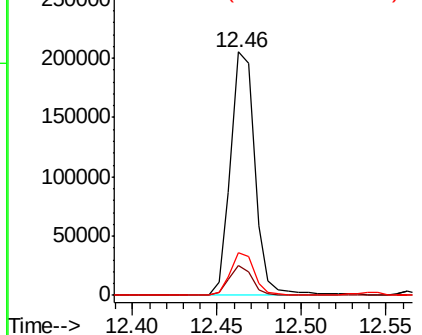
Tot Ion:	202	Resp:	207475
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.7
203	17.5	0.0	37.6



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

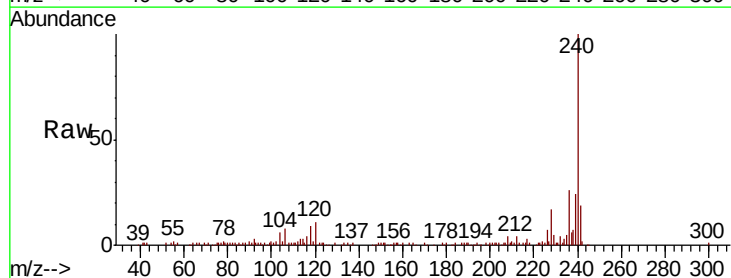
RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

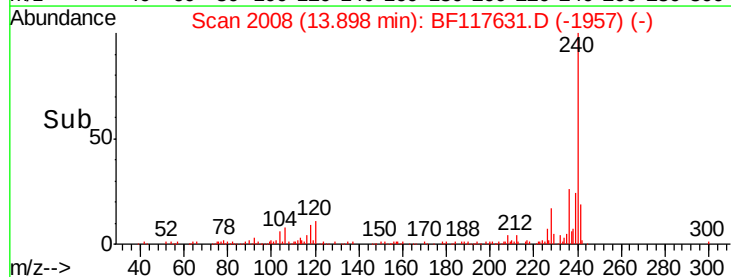
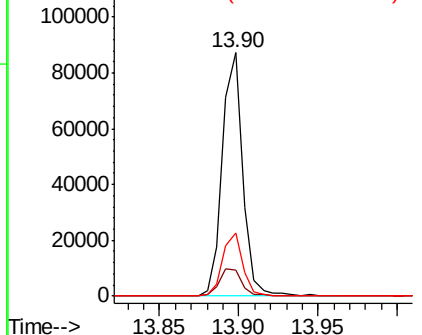
Tgt Ion:	240	Resp:	77727
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	25.8	20.0	30.0

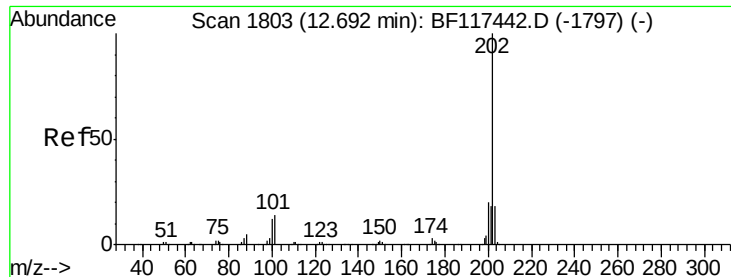


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

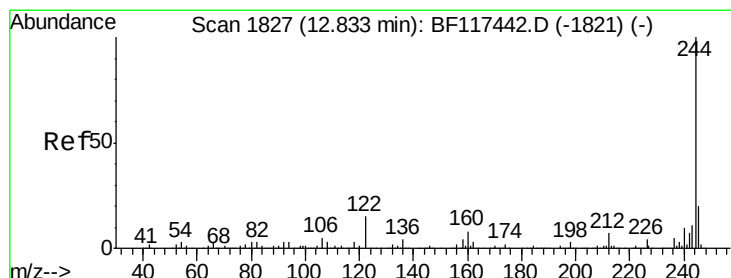
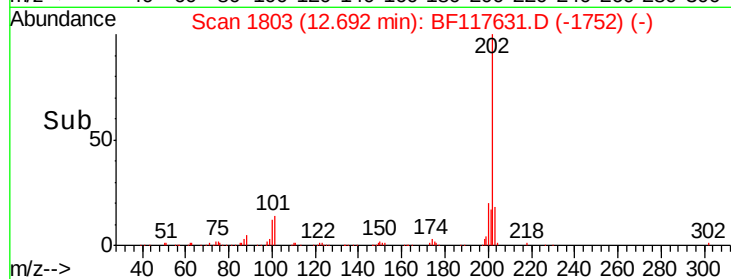
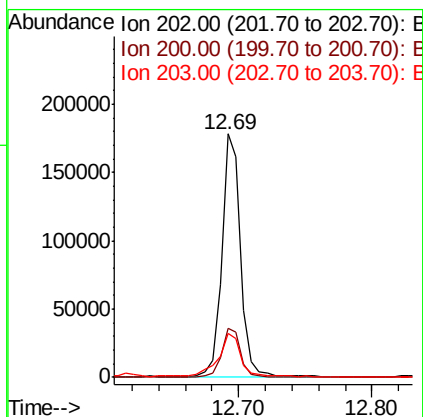
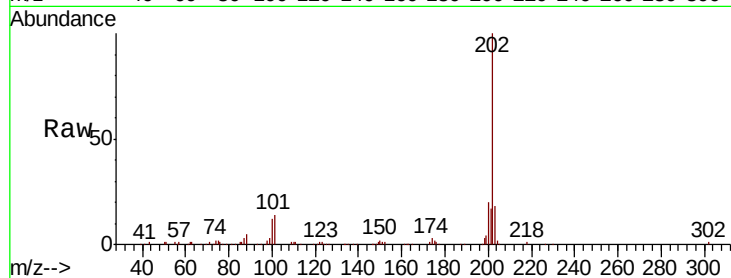




#78
Pvrene
Concen: 26.556 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117631.D
Acq: 30 Oct 2019 18:12

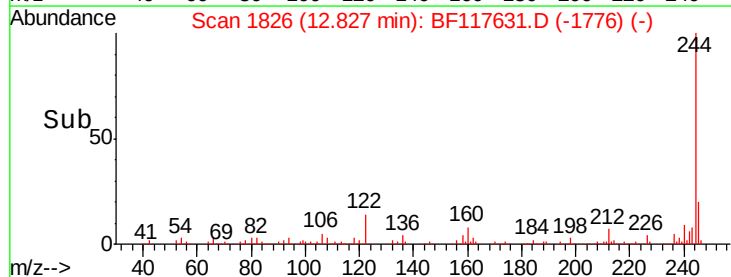
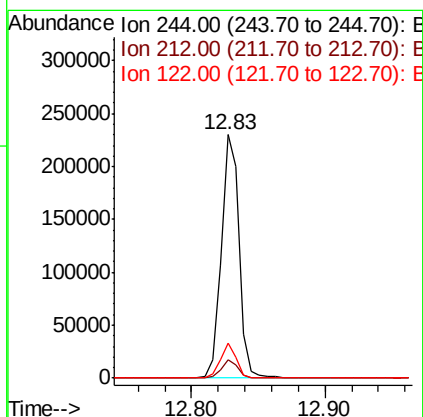
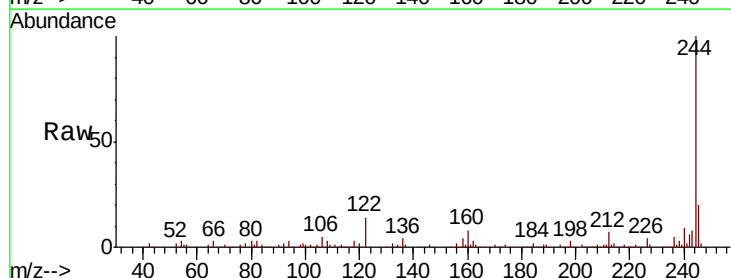
Instrument :
BNA_F
ClientSampleId :

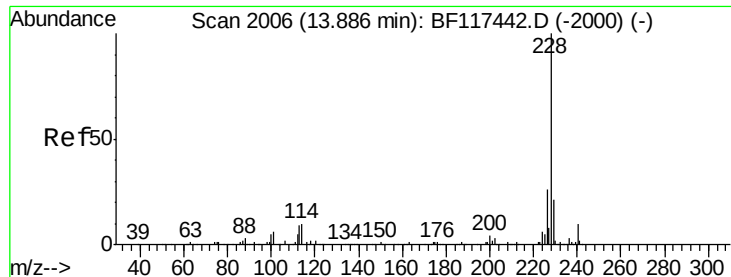
Tot Ion:202 Resp: 177297
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.9 14.0 21.0



#79
Terphenyl-d14
Concen: 45.466 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117631.D
Acq: 30 Oct 2019 18:12

Tgt Ion:244 Resp: 216659
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 14.3 11.8 17.8





#81

Benzo(a)anthracene

Concen: 16.356 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

Instrument :

BNA_F

ClientSampled :

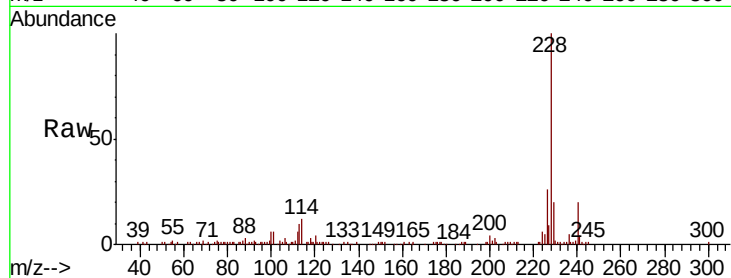
Tot Ion:228 Resp: 85752

Ion Ratio Lower Upper

228 100

226 26.4 21.0 31.4

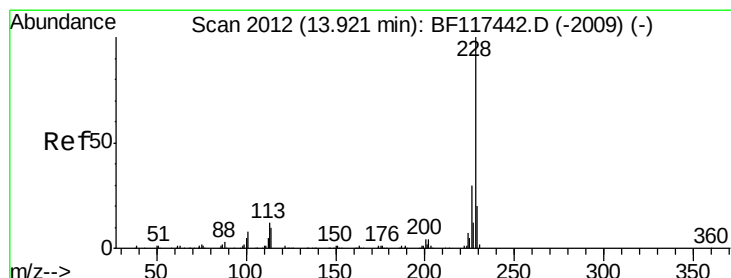
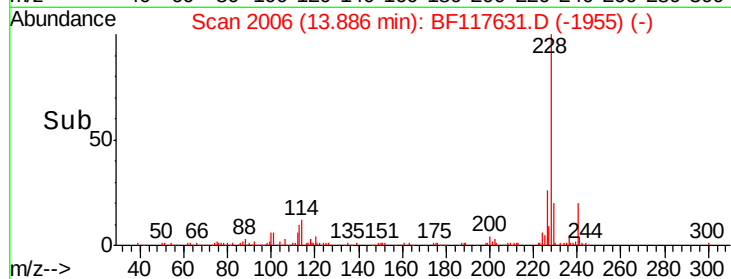
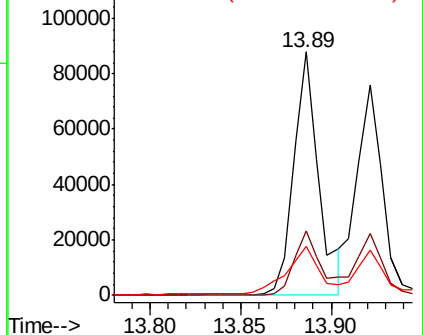
229 20.2 16.4 24.6



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: 14.382 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

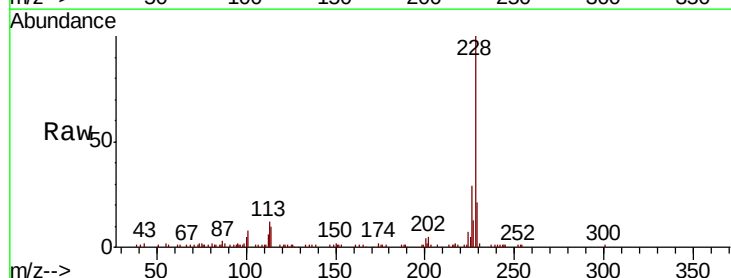
Tgt Ion:228 Resp: 73903

Ion Ratio Lower Upper

228 100

226 29.3 23.9 35.9

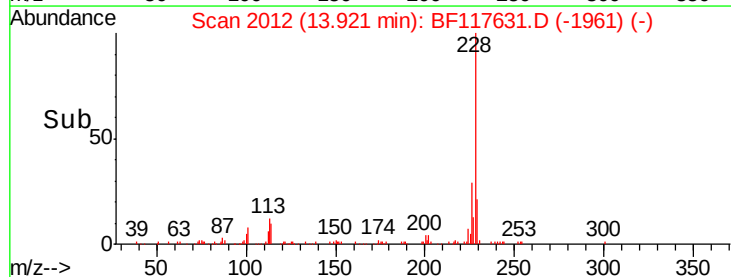
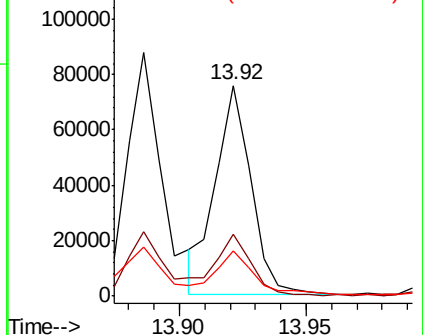
229 21.4 15.8 23.6

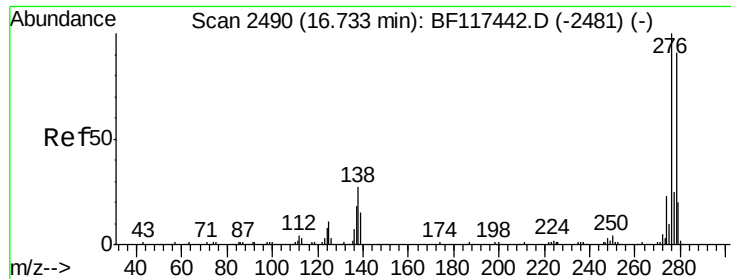


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

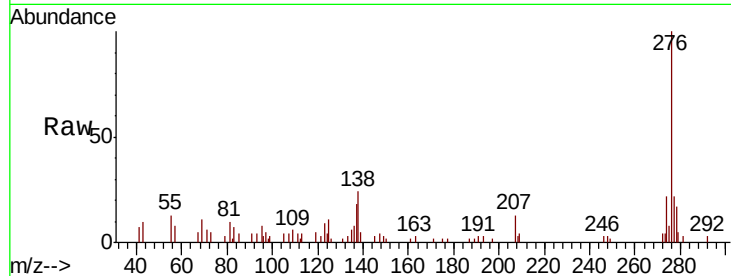




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 7.568 ng
 RT: 16.76 min Scan# 2494
 Delta R.T. 0.02 min
 Lab File: BF117631.D
 Acq: 30 Oct 2019 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.8	32.8
277	24.8	20.0	30.0

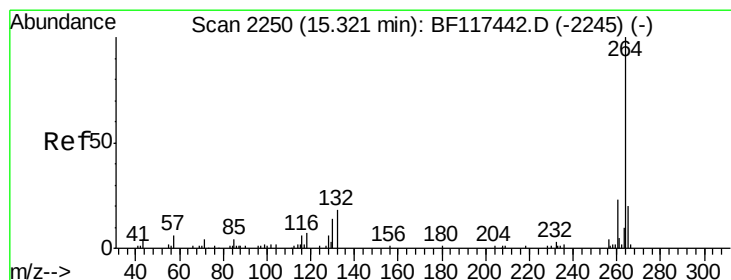
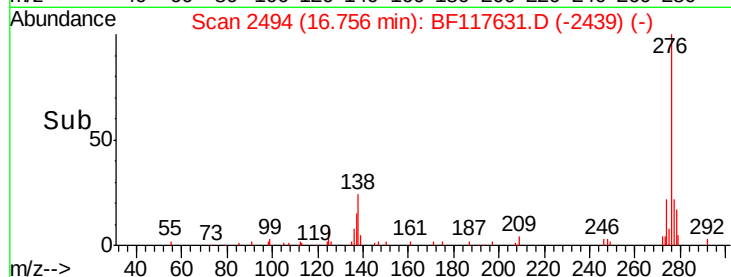
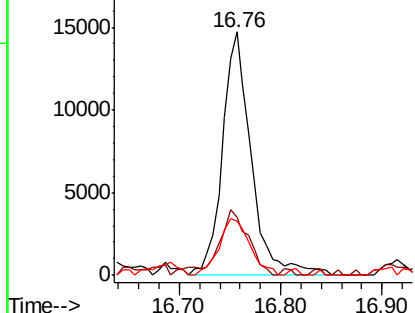


Abundance

Ion 276.00 (275.70 to 276.70): E

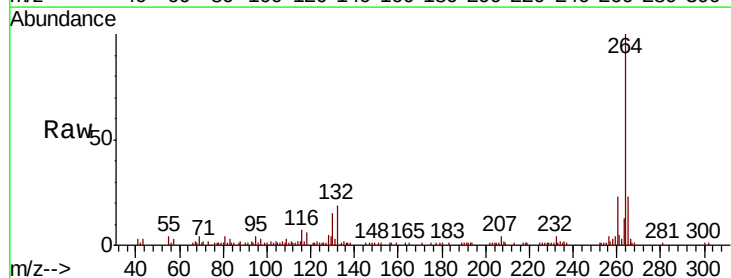
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117631.D
 Acq: 30 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	22.9	16.1	24.1

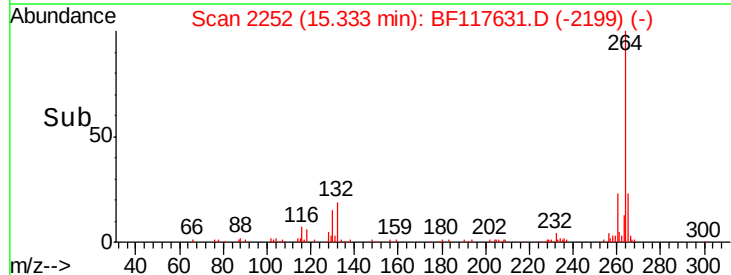
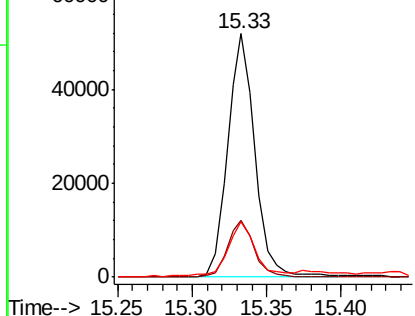


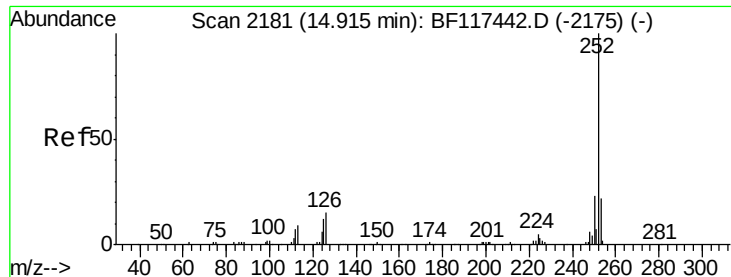
Abundance

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

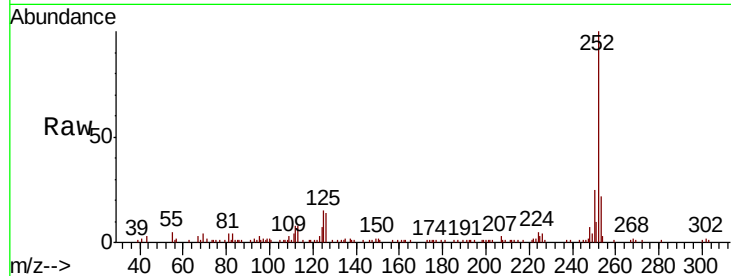




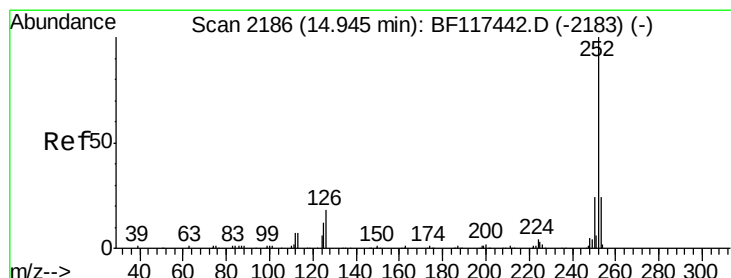
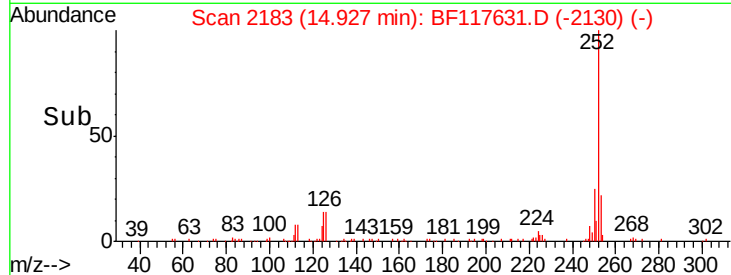
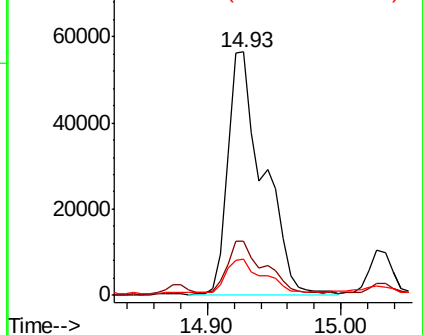
#88
Benzo(b)fluoranthene
Concen: 27.073 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117631.D
Acq: 30 Oct 2019 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	14.7	9.9	14.9

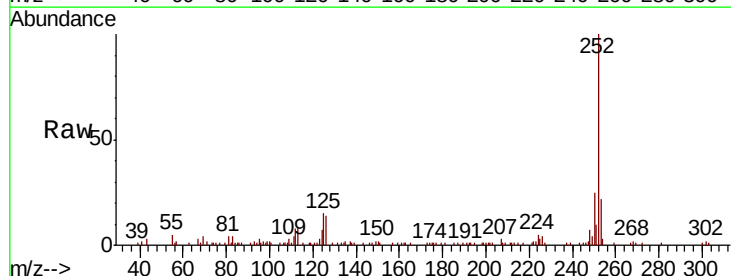


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

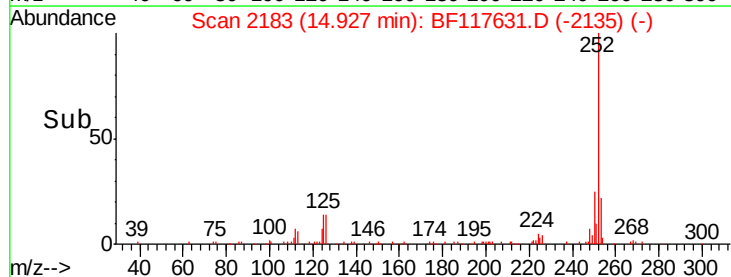
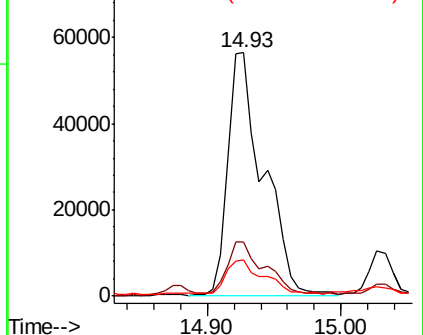


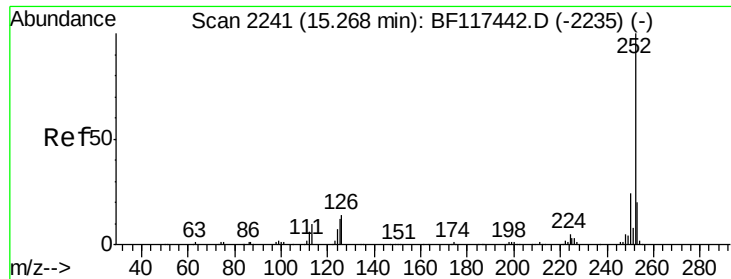
#89
Benzo(k)fluoranthene
Concen: 26.414 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117631.D
Acq: 30 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	14.7	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: 15.160 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

Instrument :

BNA_F

ClientSampled :

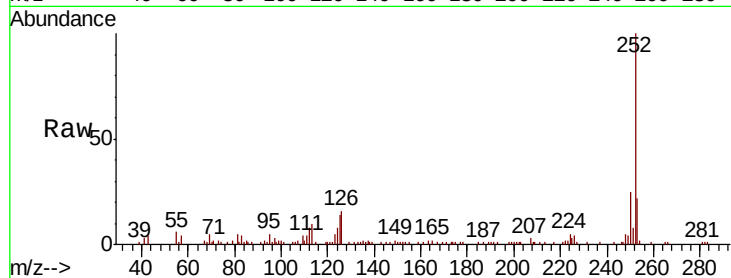
Tot Ion:252 Resp: 53915

Ion Ratio Lower Upper

252 100

253 22.0 16.3 24.5

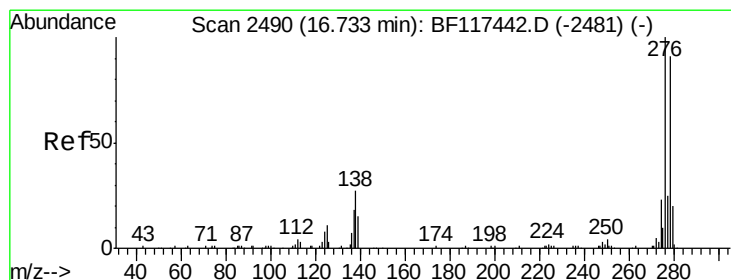
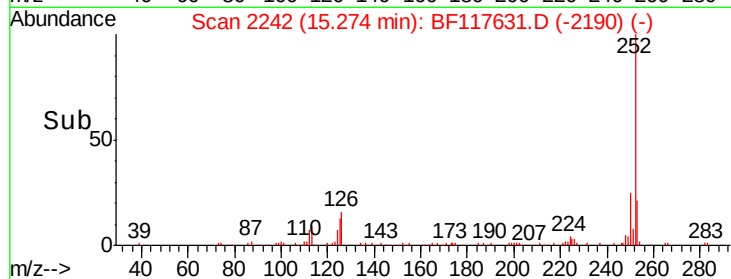
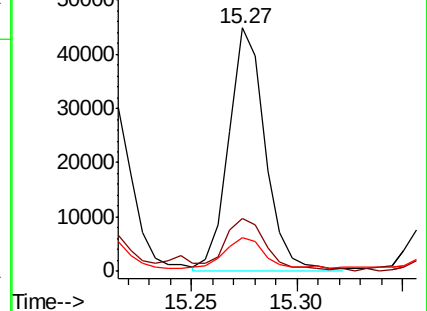
125 14.0 9.2 13.8#



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



#91

Dibenzo(a,h)anthracene

Concen: 2.421 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.01 min

Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

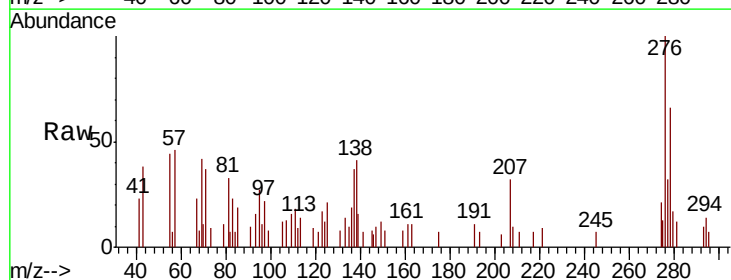
Tgt Ion:278 Resp: 7445

Ion Ratio Lower Upper

278 100

139 24.3 13.4 20.0#

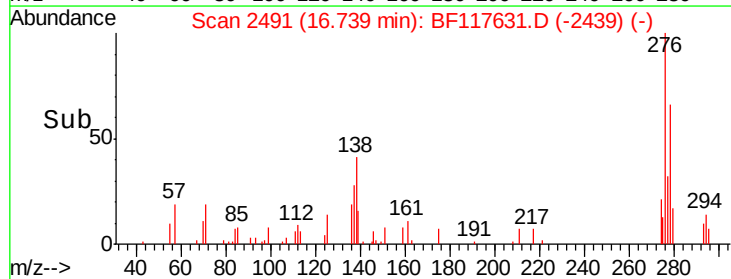
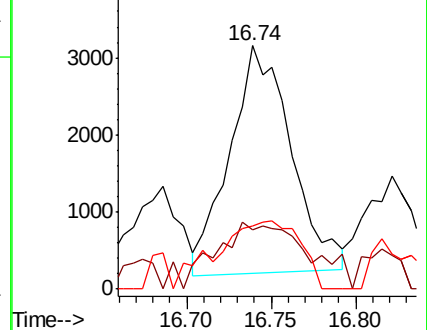
279 26.2 17.8 26.6

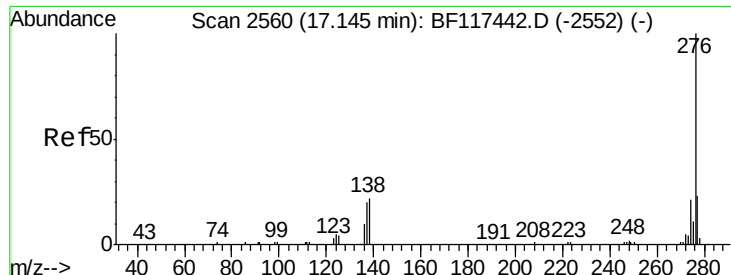


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 8.607 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.05 min

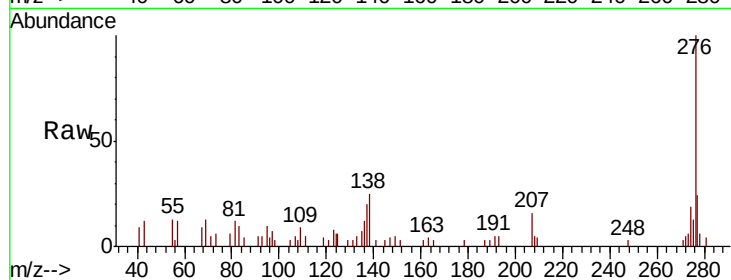
Lab File: BF117631.D

Acq: 30 Oct 2019 18:12

Instrument :

BNA_F

ClientSampleId :



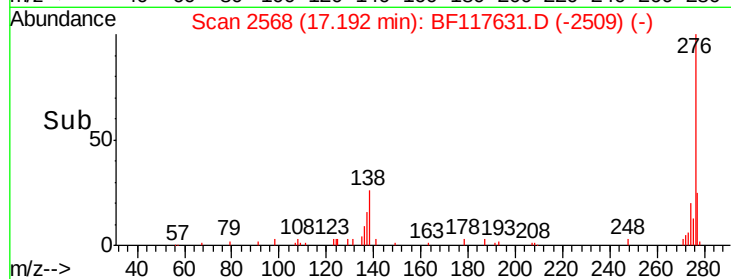
Tot Ion: 276 Resp: 25044

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 25.4 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

