

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117571.D
 Acq On : 28 Oct 2019 19:38
 Operator : JU
 Sample : K5502-17DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 14:07:07 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	36733	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	152678	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	75243	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	105630	20.00	ng	0.00
76) Chrysene-d12	13.90	240	69781	20.00	ng	0.00
87) Perylene-d12	15.33	264	77791	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	103361	41.86	ng	0.00
7) Phenol-d6	6.38	99	152358	45.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	98460	31.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	24329	37.37	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	158712	29.72	ng	-0.01
79) Terphenyl-d14	12.83	244	103894	24.28	ng	0.00

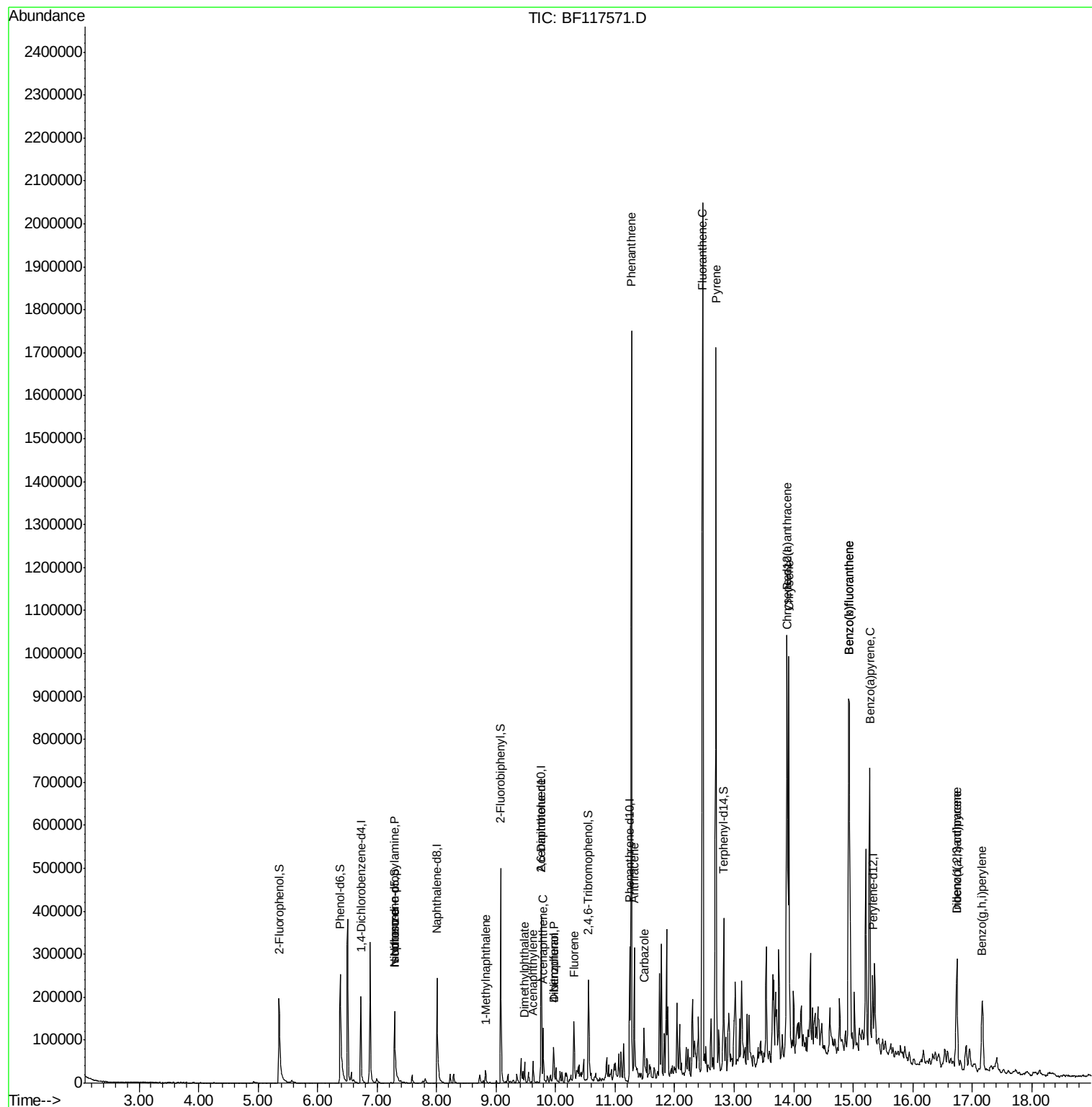
Target Compounds				Qvalue		
9) Benzaldehyde	6.50	77	2940	Below Cal	#	70
19) n-Nitroso-di-n-propylamine	7.29	70	12142	5.995 ng	#	80
25) Isophorone	7.29	82	98460	18.404 ng	#	65
38) 1-Methylnaphthalene	8.82	142	9687	2.022 ng	#	96
49) Acenaphthylene	9.62	152	19070	2.764 ng		94
50) Dimethylphthalate	9.48	163	21150	3.943 ng	#	97
51) 2,6-Dinitrotoluene	9.76	165	10298	9.200 ng	#	25
52) Acenaphthene	9.79	154	29008	6.854 ng		98
55) Dibenzofuran	9.97	168	30358	4.951 ng		98
56) 4-Nitrophenol	9.97	139	12465	23.040 ng	#	8
58) Fluorene	10.31	166	43555	8.589 ng		97
71) Phenanthrene	11.27	178	663746	108.216 ng		99
72) Anthracene	11.32	178	135469	21.526 ng		98
73) Carbazole	11.49	167	44905	7.808 ng		100
75) Fluoranthene	12.47	202	923313	150.373 ng		99
77) Benzidine	12.82	184	1433	Below Cal	#	68
78) Pyrene	12.70	202	793133	132.325 ng		98
81) Benzo(a)anthracene	13.89	228	398302	84.619 ng		99
83) Chrysene	13.93	228	349948	75.859 ng		97
86) Indeno(1,2,3-cd)pyrene	16.74	276	144787	42.038 ng		97
88) Benzo(b)fluoranthene	14.93	252	617354	134.393 ng		98
89) Benzo(k)fluoranthene	14.93	252	617354	131.123 ng		97
90) Benzo(a)pyrene	15.28	252	301303	72.141 ng		96
91) Dibenzo(a,h)anthracene	16.74	278	35771	9.905 ng	#	81
92) Benzo(g,h,i)perylene	17.17	276	124603	36.466 ng		98

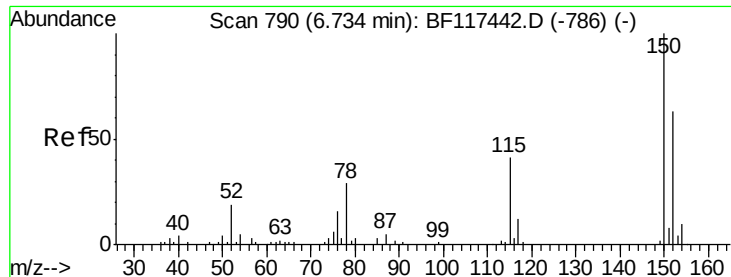
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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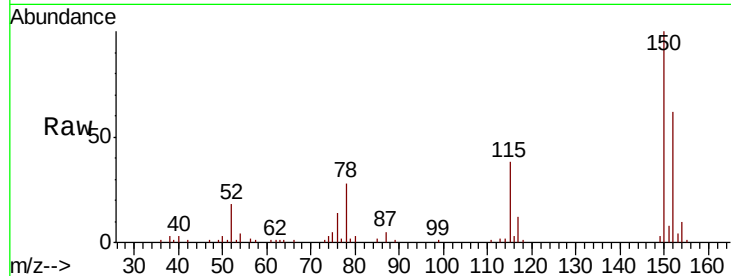


#1

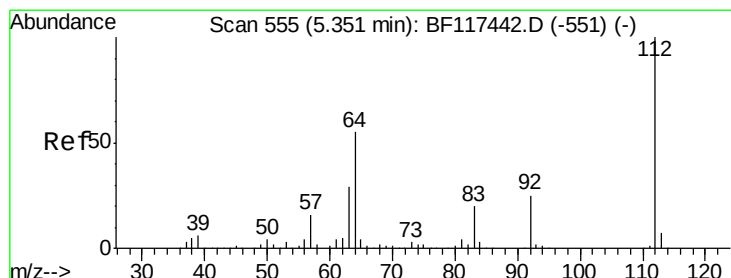
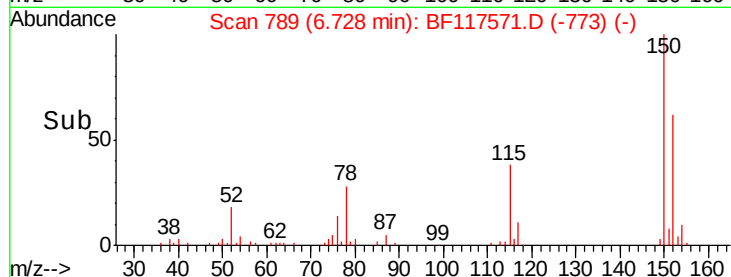
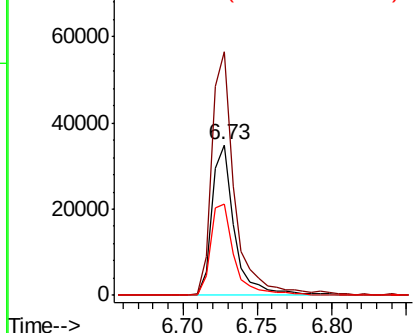
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 36733
Ion Ratio Lower Upper
152 100
150 161.4 126.8 190.2
115 60.7 51.6 77.4



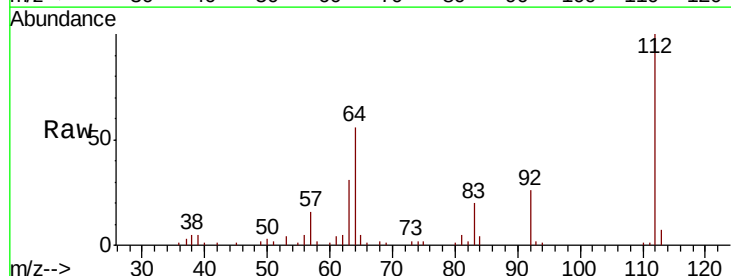
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



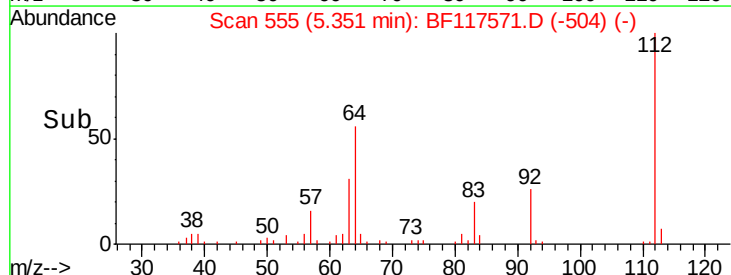
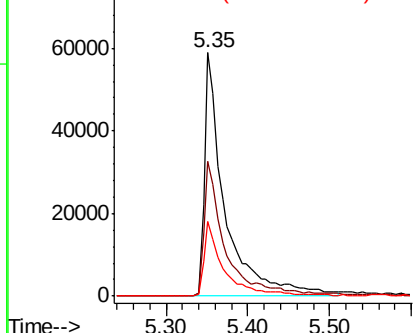
#5

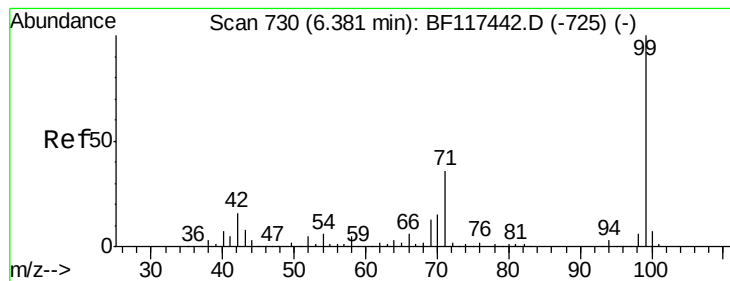
2-Fluorophenol
Concen: 41.862 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Tgt Ion:112 Resp: 103361
Ion Ratio Lower Upper
112 100
64 55.5 44.1 66.1
63 30.6 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: 45.942 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

Instrument :

BNA_E

ClientSampleId :

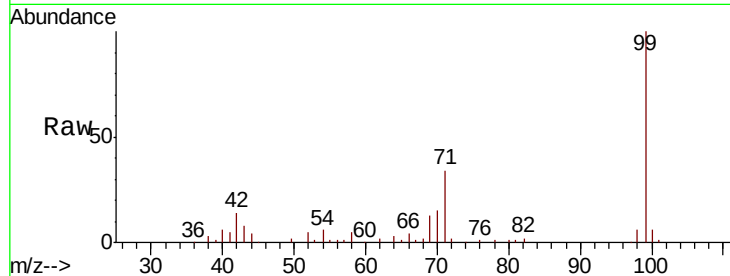
Tot Ion: 99 Resp: 152358

Ion Ratio Lower Upper

99 100

42 13.6 12.8 19.2

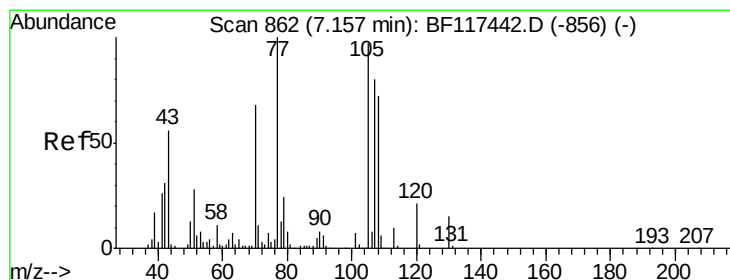
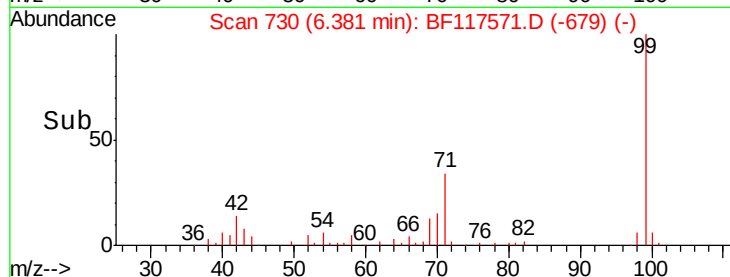
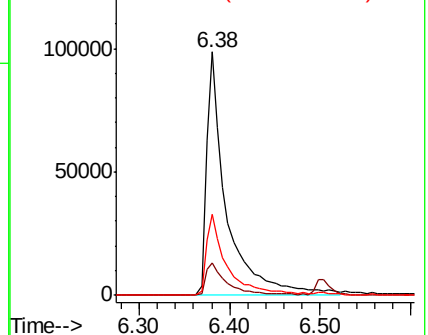
71 33.5 28.6 43.0



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: 5.995 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

Tgt Ion: 70 Resp: 12142

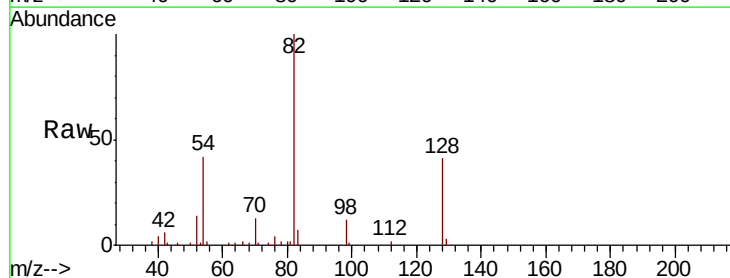
Ion Ratio Lower Upper

70 100

42 42.5 36.7 55.1

101 0.0 8.3 12.5#

130 0.0 18.1 27.1#

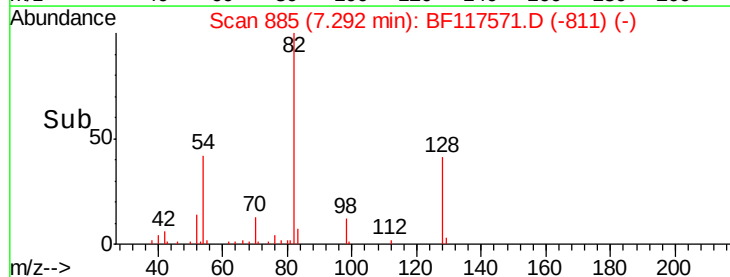
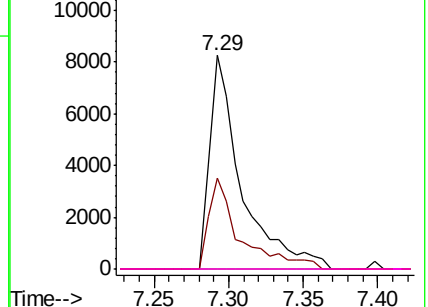


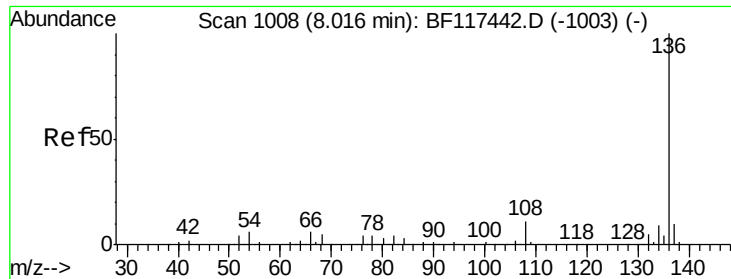
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

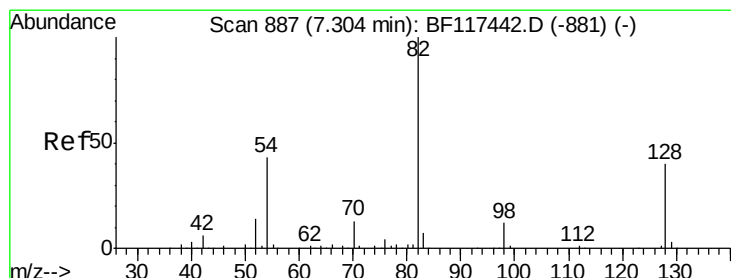
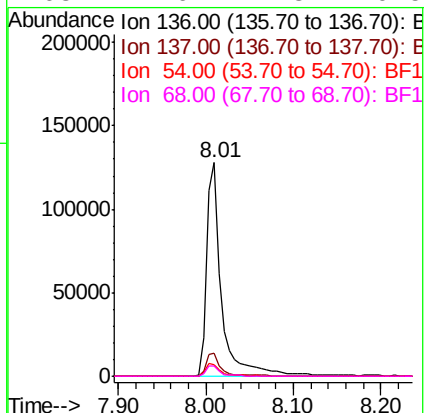
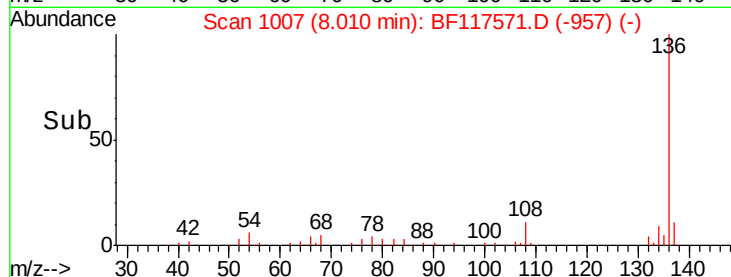
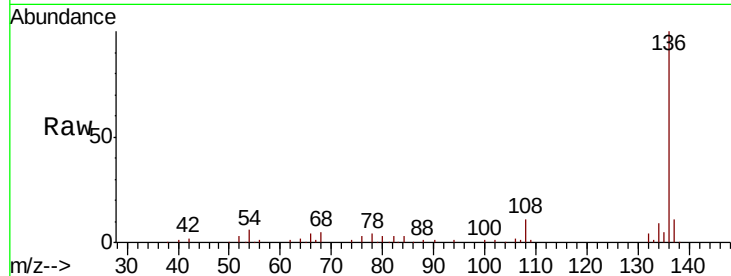




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

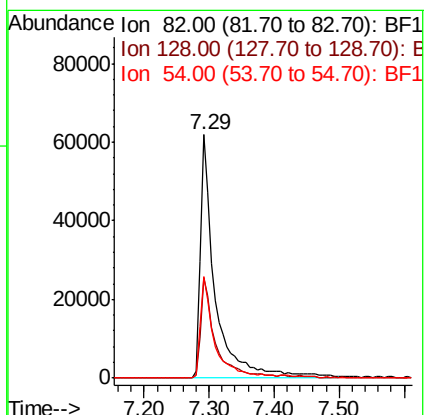
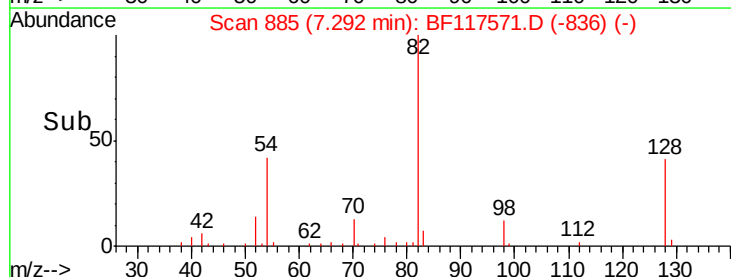
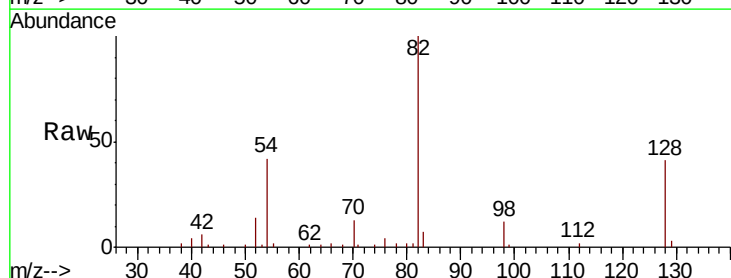
Instrument :
BNA_E
ClientSampleId :

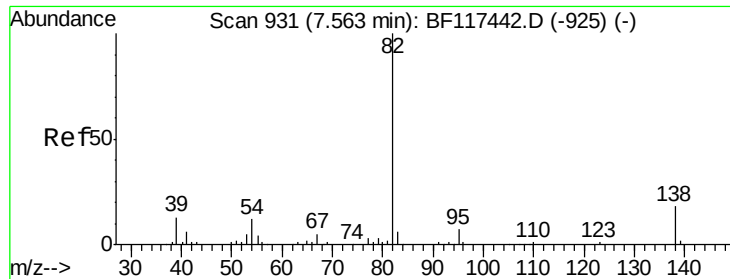
Tot Ion:136 Resp: 152678
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 5.6 4.5 6.7
68 4.6 4.3 6.5



#23
Nitrobenzene-d5
Concen: 31.837 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Tgt Ion: 82 Resp: 98460
Ion Ratio Lower Upper
82 100
128 41.4 32.2 48.2
54 41.8 34.2 51.2





#25

Isophorone

Concen: 18.404 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

Instrument :

BNA_E

ClientSampleId :

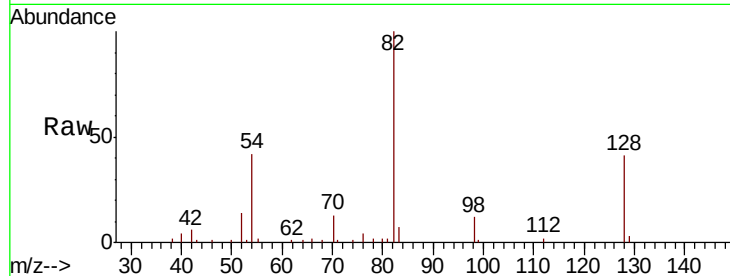
Tot Ion: 82 Resp: 98460

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

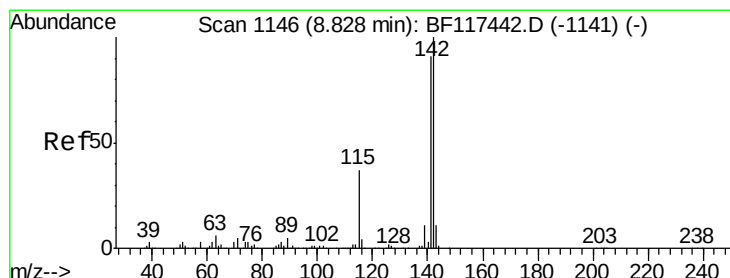
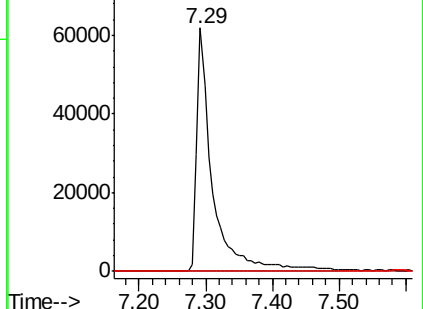
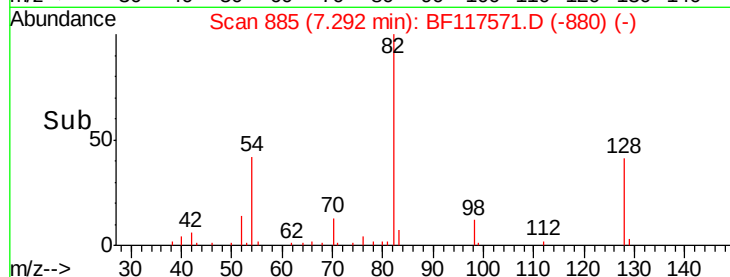
138 0.0 14.2 21.2#



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): BF1



#38

1-Methylnaphthalene

Concen: 2.022 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

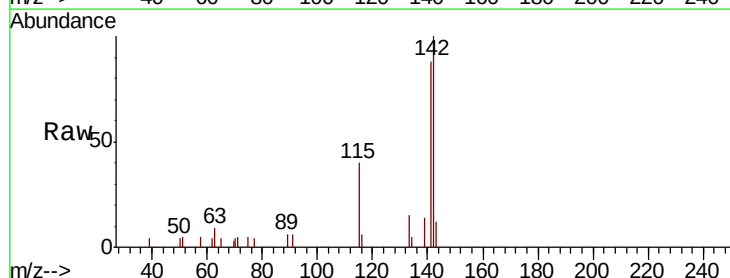
Tgt Ion: 142 Resp: 9687

Ion Ratio Lower Upper

142 100

141 87.8 73.3 109.9

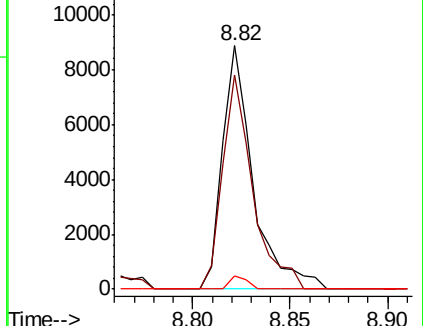
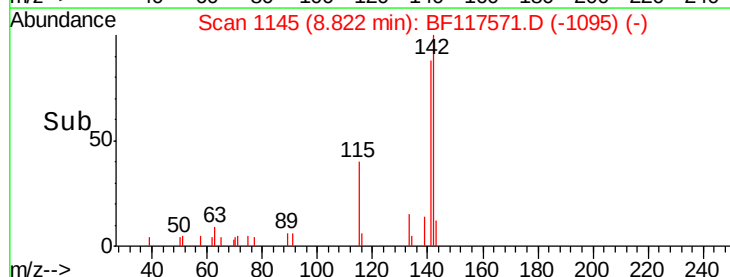
116 5.6 3.1 4.7#

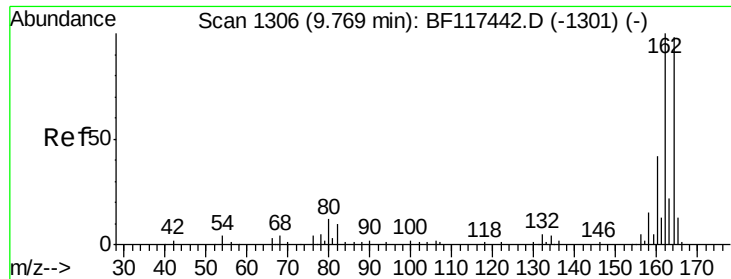


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

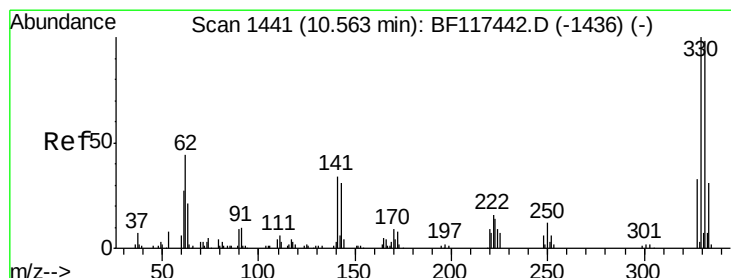
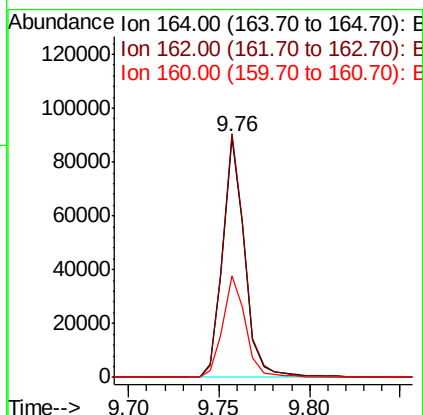
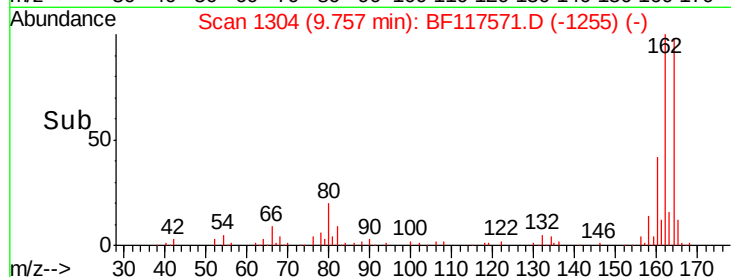
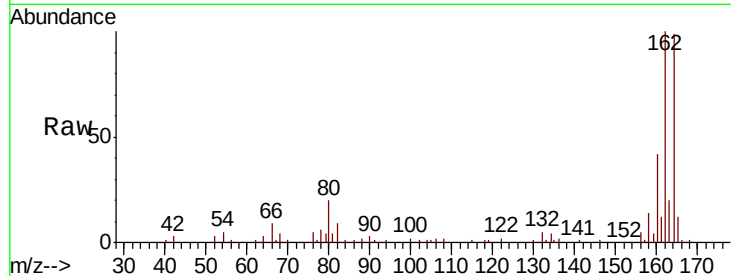




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

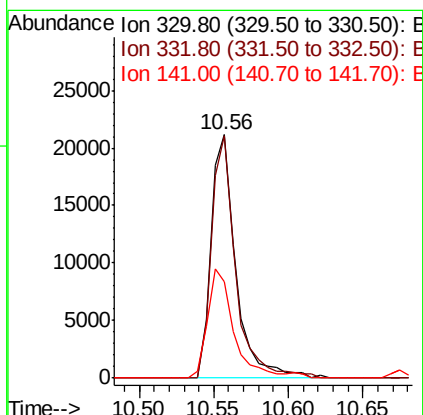
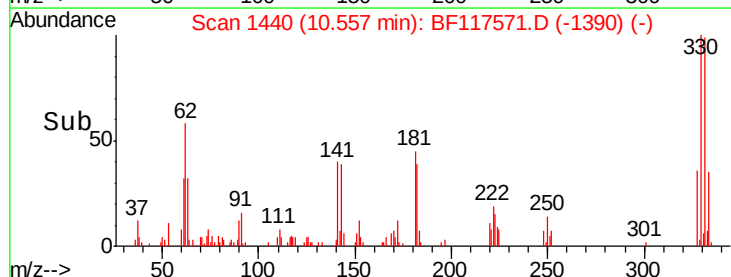
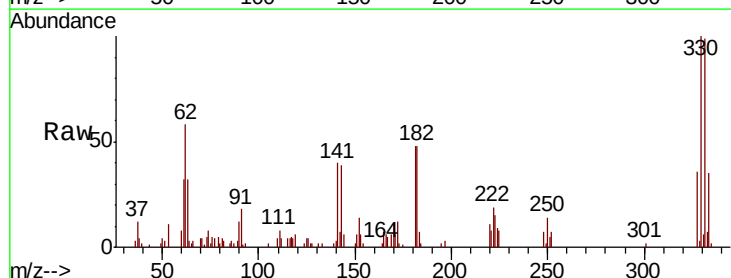
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ClientSampleId :

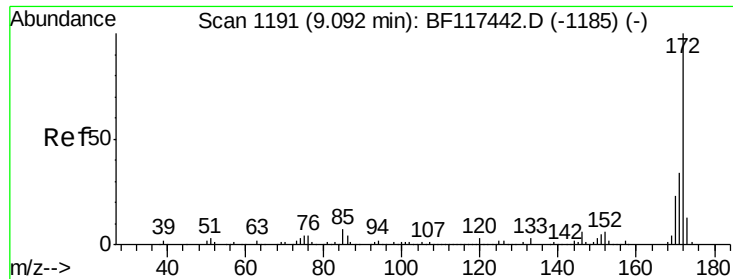
Tot Ion:164 Resp: 75243
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.6
160 42.3 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 37.369 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Tgt Ion:330 Resp: 24329
Ion Ratio Lower Upper
330 100
332 97.3 78.5 117.7
141 48.3 37.0 55.6

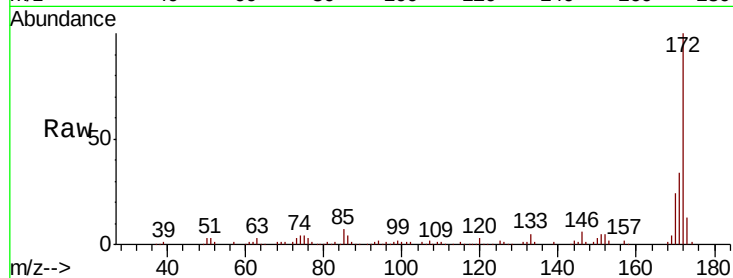




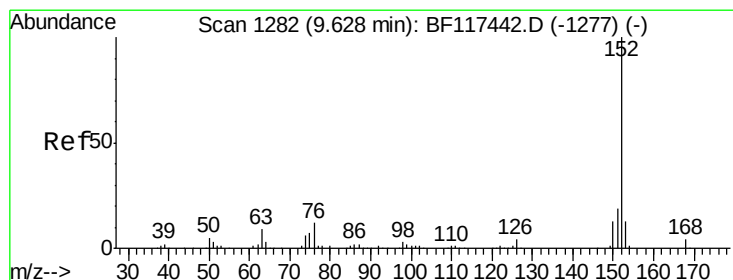
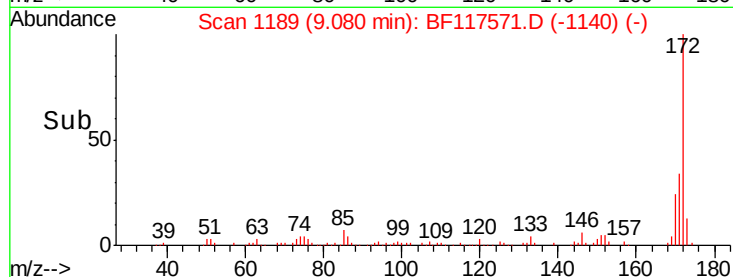
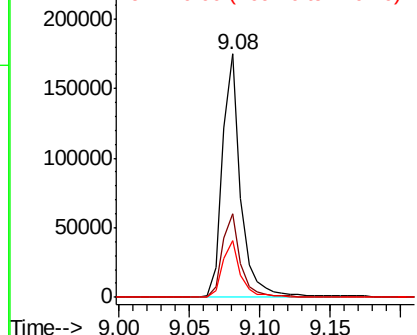
#45
2-Fluorobiphenyl
Concen: 29.720 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 158712
Ion Ratio Lower Upper
172 100
171 34.1 27.5 41.3
170 23.6 18.6 27.8

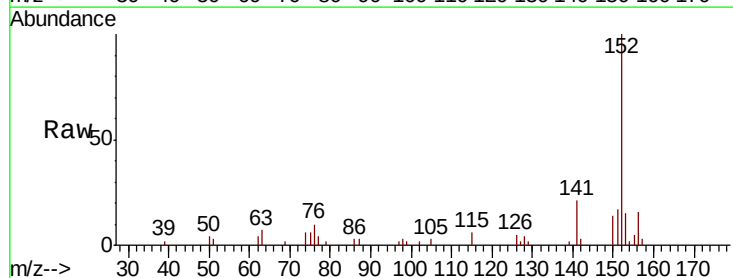


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

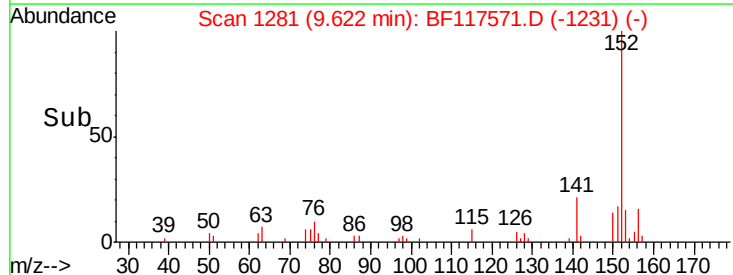
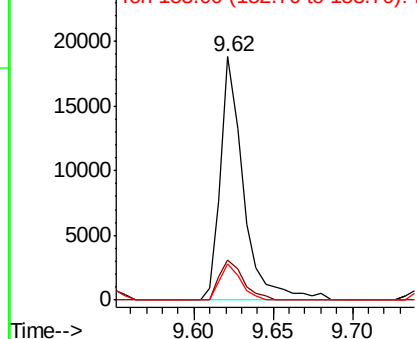


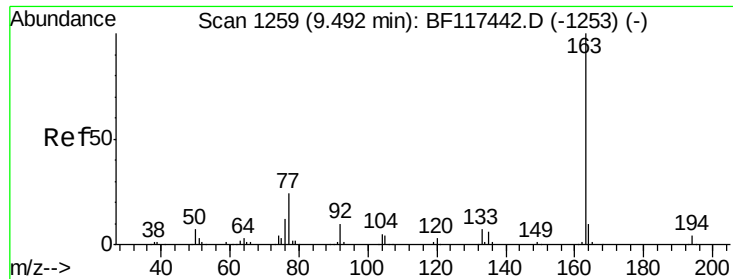
#49
Acenaphthylene
Concen: 2.764 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Tgt Ion:152 Resp: 19070
Ion Ratio Lower Upper
152 100
151 16.6 15.4 23.0
153 15.0 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

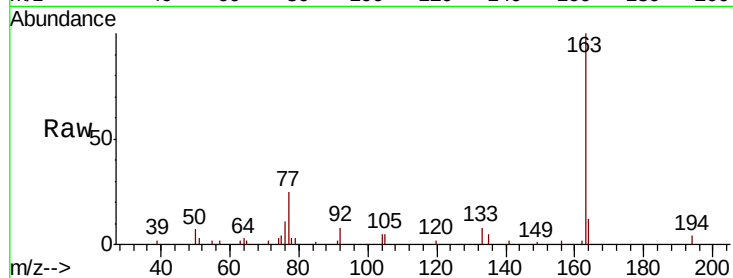




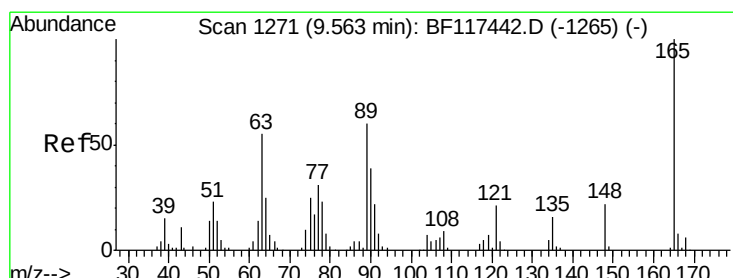
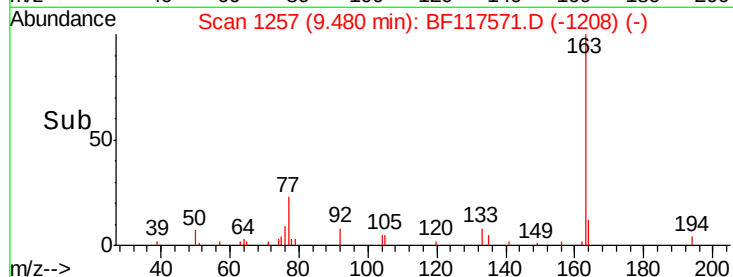
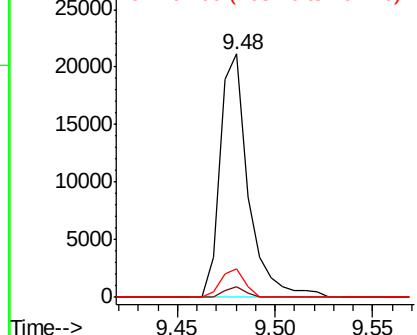
#50
Dimethylphthalate
Concen: 3.943 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:163 Resp: 21150
Ion Ratio Lower Upper
163 100
194 4.3 2.9 4.3#
164 11.5 8.2 12.2

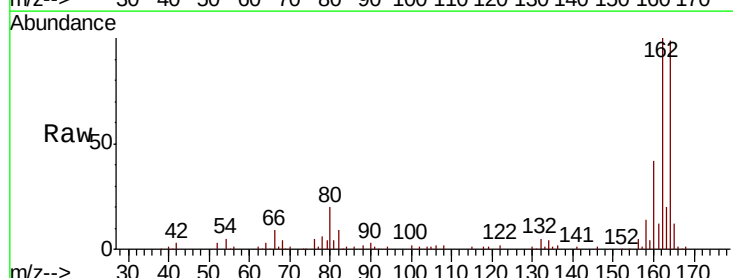


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

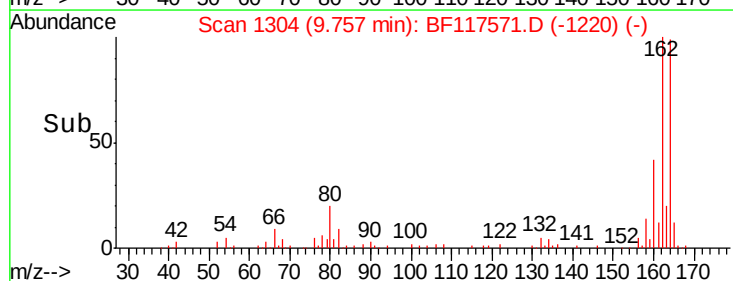
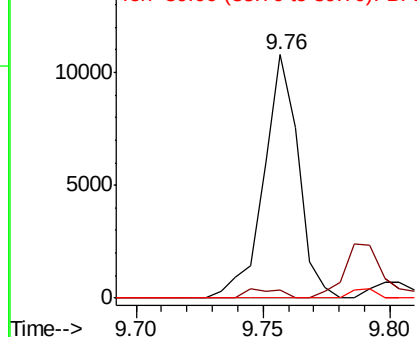


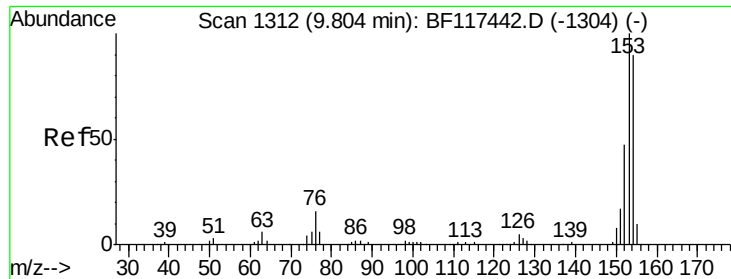
#51
2,6-Dinitrotoluene
Concen: 9.200 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.19 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Tgt Ion:165 Resp: 10298
Ion Ratio Lower Upper
165 100
63 3.2 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

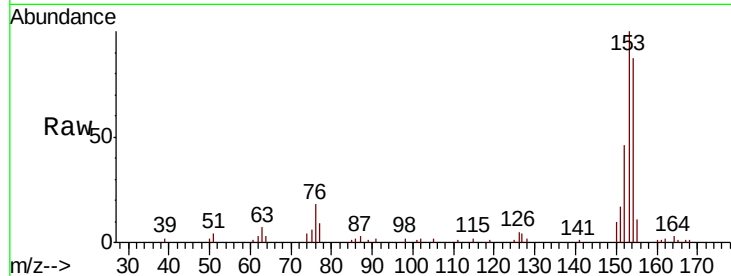




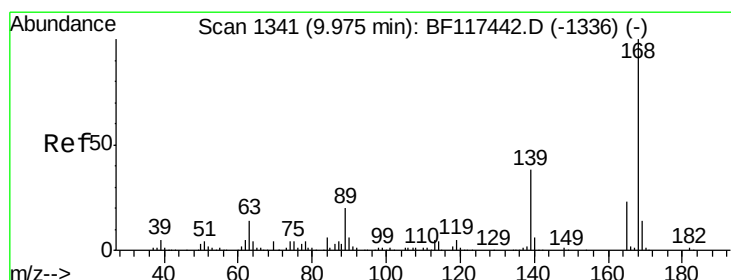
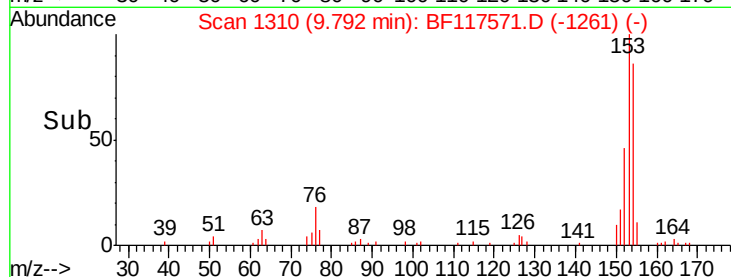
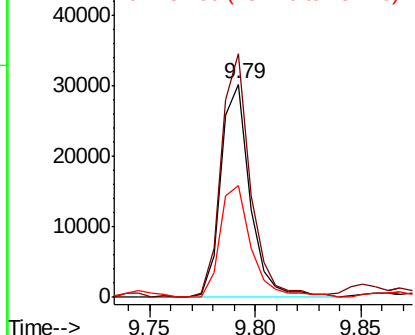
#52
Acenaphthene
Concen: 6.854 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 29008
Ion Ratio Lower Upper
154 100
153 114.3 89.2 133.8
152 52.6 41.8 62.6

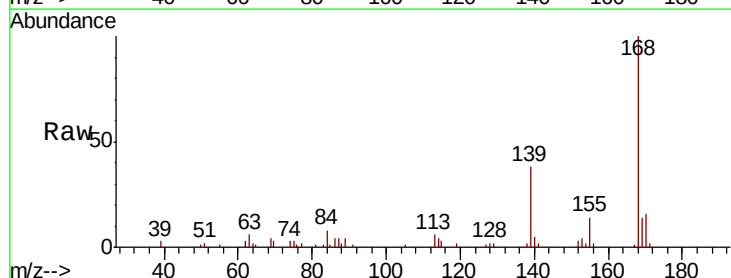


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

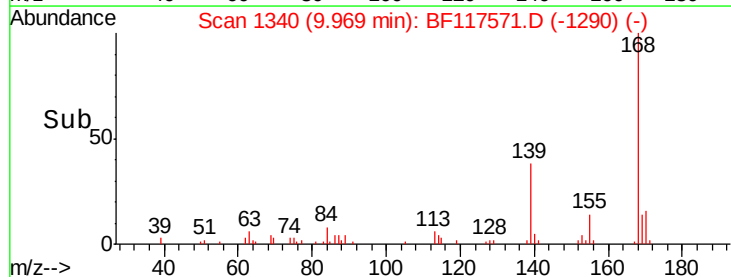
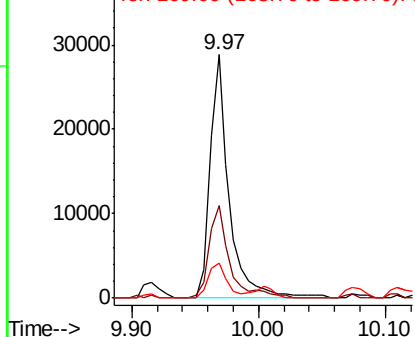


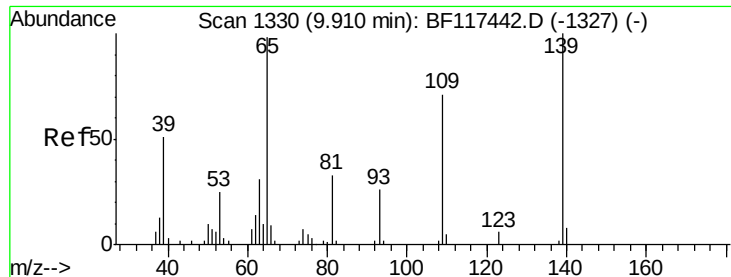
#55
Dibenzofuran
Concen: 4.951 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Tgt Ion:168 Resp: 30358
Ion Ratio Lower Upper
168 100
139 38.1 31.8 47.6
169 14.2 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

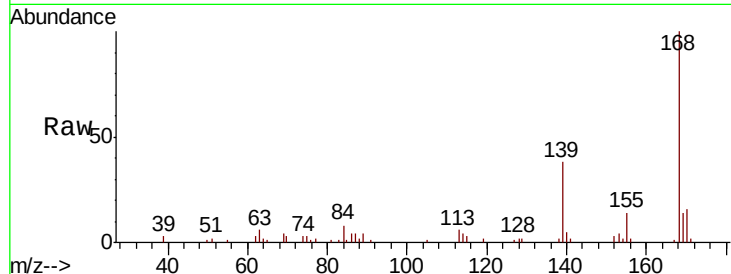




#56
4-Nitrophenol
Concen: 23.040 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	51.4	91.4#
65	2.9	79.4	119.4#

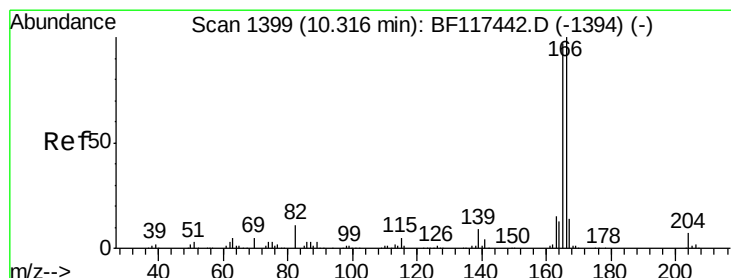
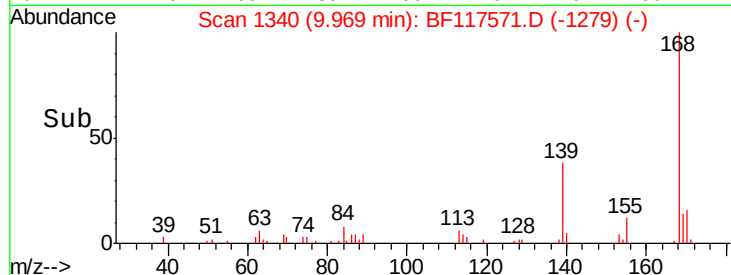
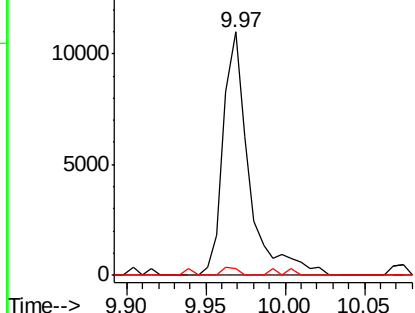


Abundance

Ion 139.00 (138.70 to 139.70): E

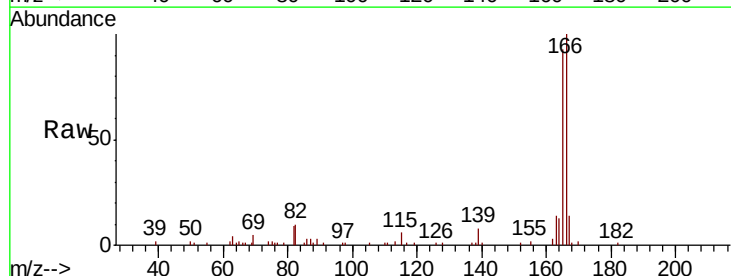
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#58
Fluorene
Concen: 8.589 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	77.6	116.4
167	14.2	11.0	16.4

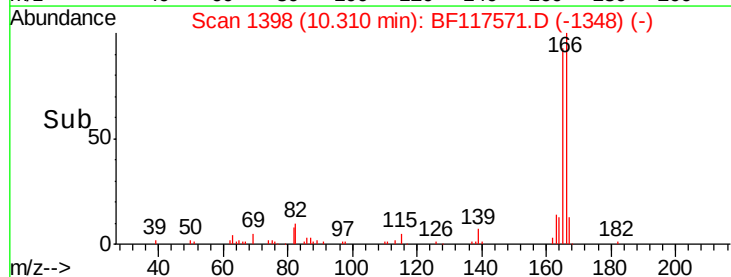
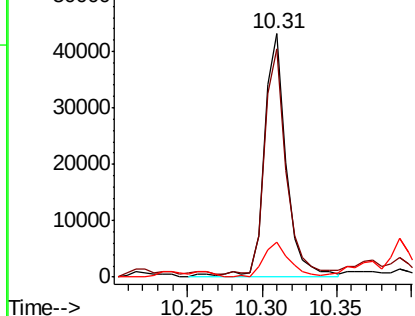


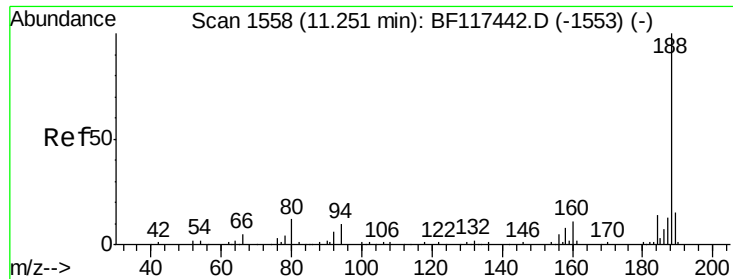
Abundance

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: 11.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

Instrument :

BNA_E

ClientSampleId :

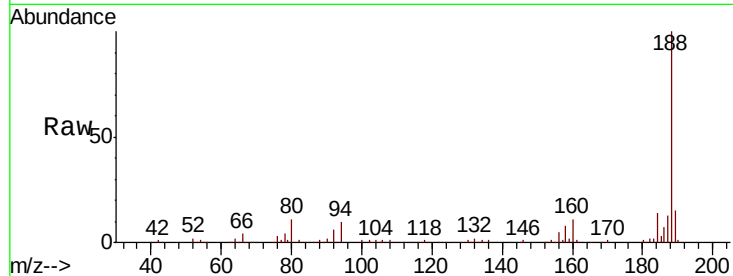
Tot Ion:188 Resp: 105630

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

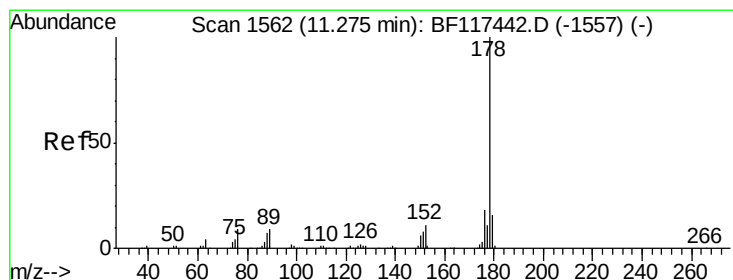
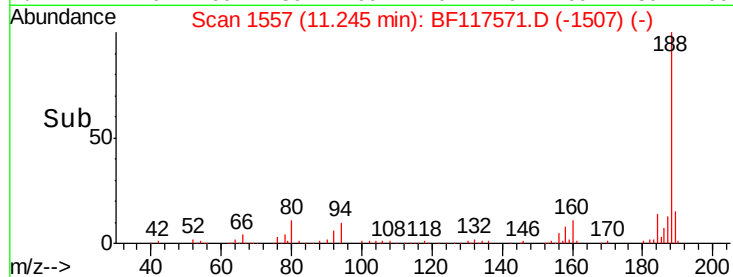
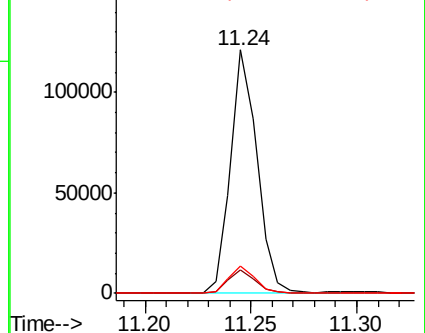
80 11.3 9.5 14.3



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



#71

Phenanthrene

Concen: 108.216 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

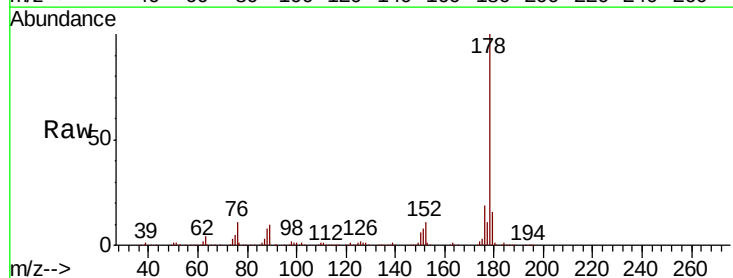
Tgt Ion:178 Resp: 663746

Ion Ratio Lower Upper

178 100

176 19.2 14.6 22.0

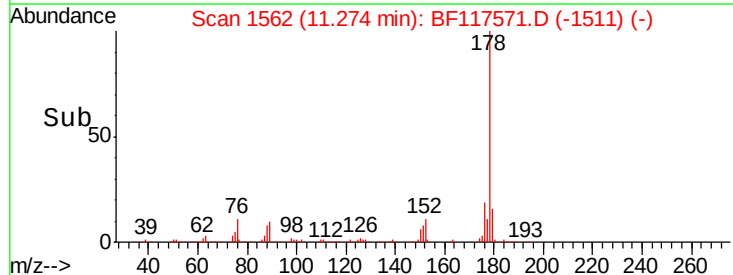
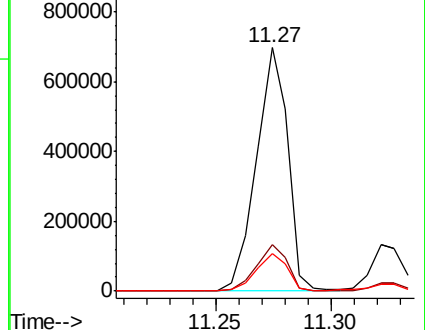
179 15.6 12.6 19.0

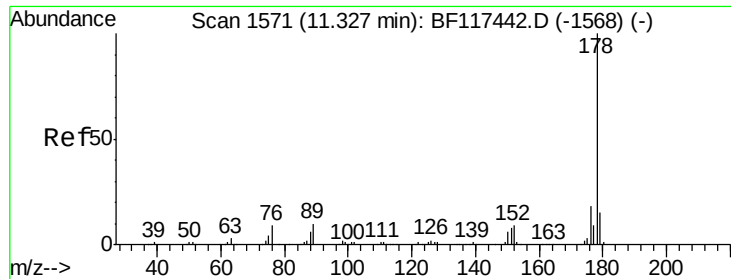


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 21.526 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

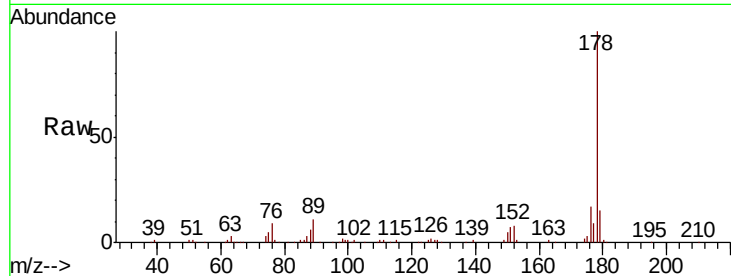
Instrument :

BNA_E

ClientSampled :

Tot Ion:178 Resp: 135469

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.7	22.1
179	15.4	12.2	18.2

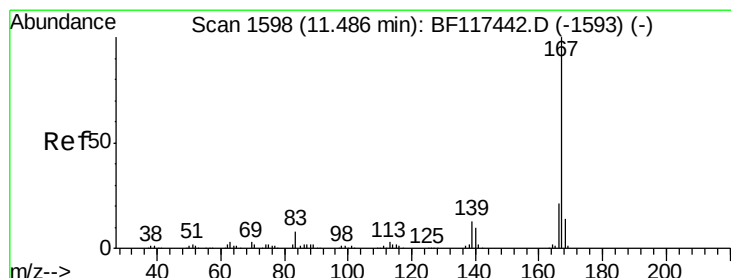
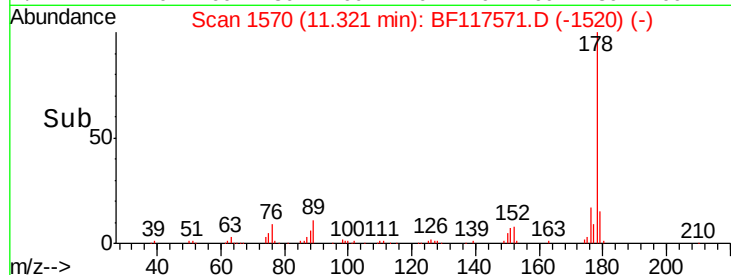
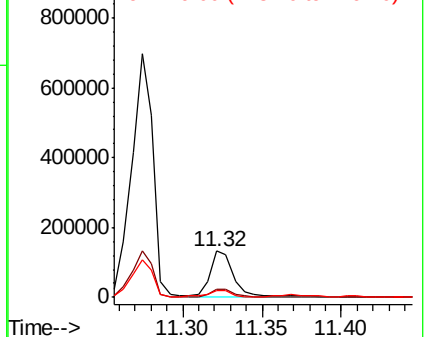


Abundance

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: 7.808 ng

RT: 11.49 min Scan# 1598

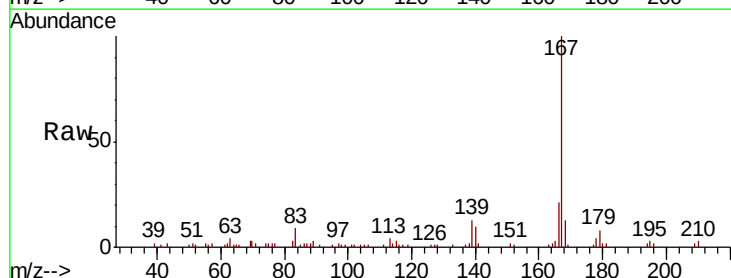
Delta R.T. -0.00 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

Tgt Ion:167 Resp: 44905

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.1	10.6	16.0

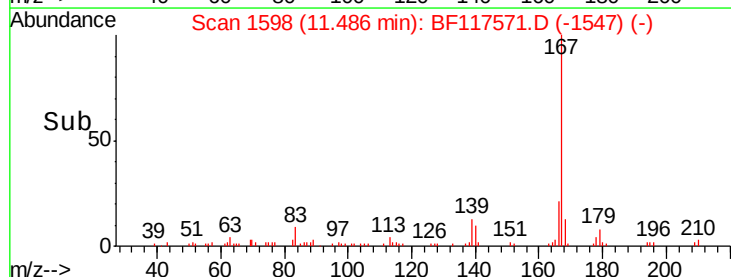
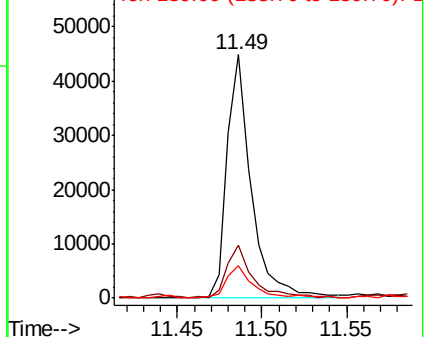


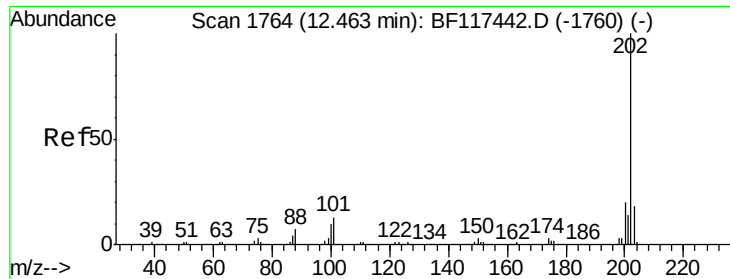
Abundance

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: 150.373 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

Instrument :

BNA_E

ClientSampled :

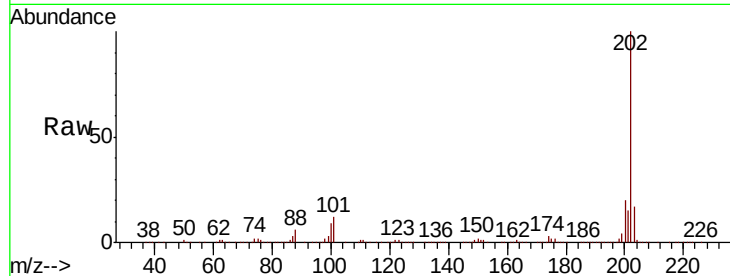
Tot Ion:202 Resp: 923313

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.7

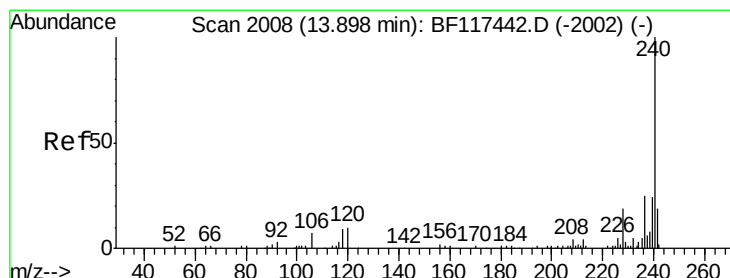
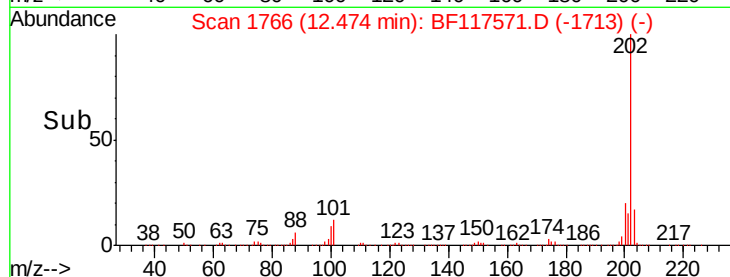
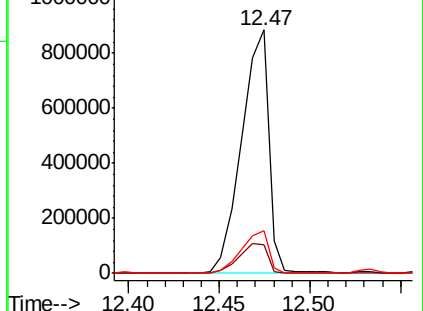
203 17.5 0.0 37.6



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: BF117571.D

Acq: 28 Oct 2019 19:38

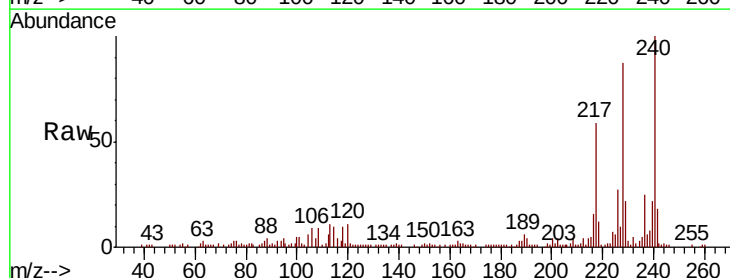
Tgt Ion:240 Resp: 69781

Ion Ratio Lower Upper

240 100

120 11.5 8.4 12.6

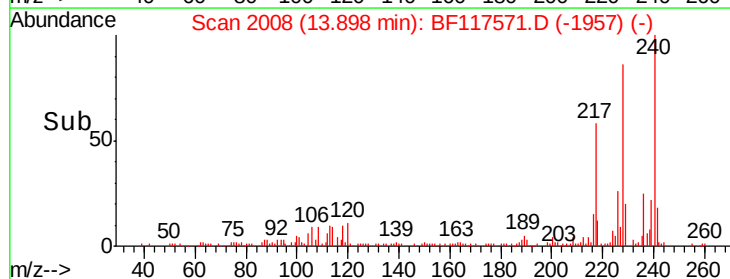
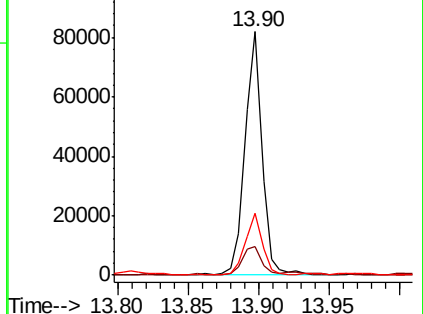
236 25.4 20.0 30.0

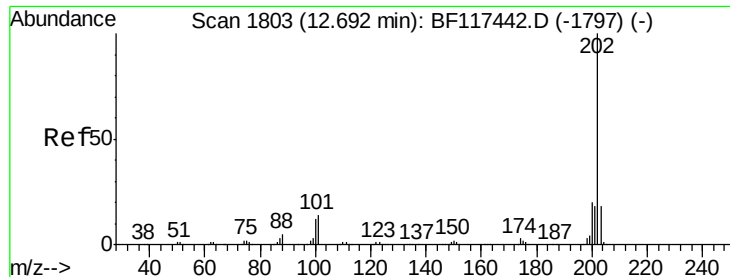


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 132.325 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

Instrument :

BNA_E

ClientSampleId :

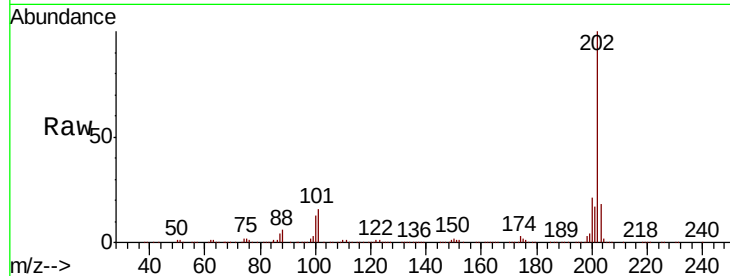
Tot Ion:202 Resp: 793133

Ion Ratio Lower Upper

202 100

200 21.5 16.2 24.2

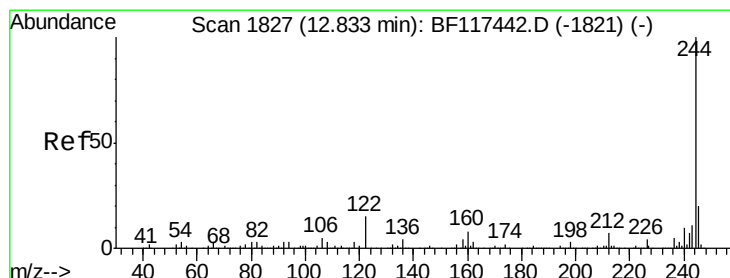
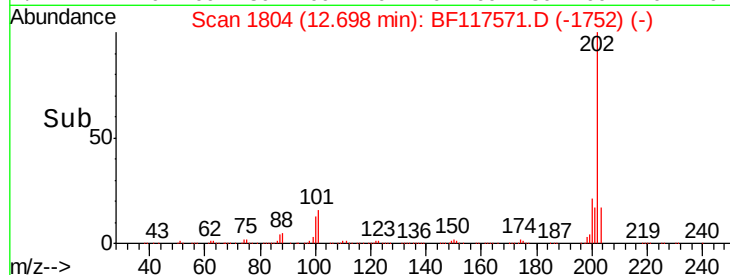
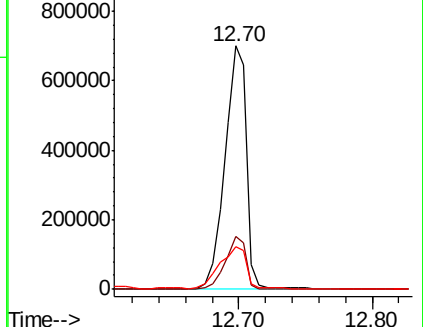
203 17.6 14.0 21.0



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: 24.285 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

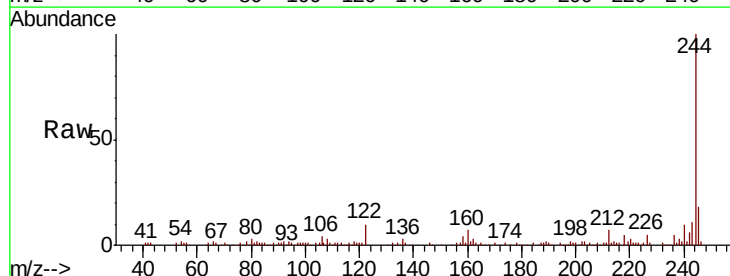
Tgt Ion:244 Resp: 103894

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

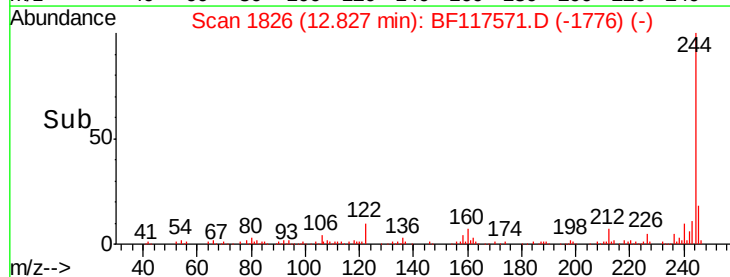
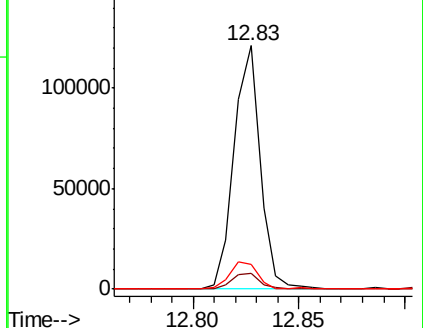
122 10.4 11.8 17.8#

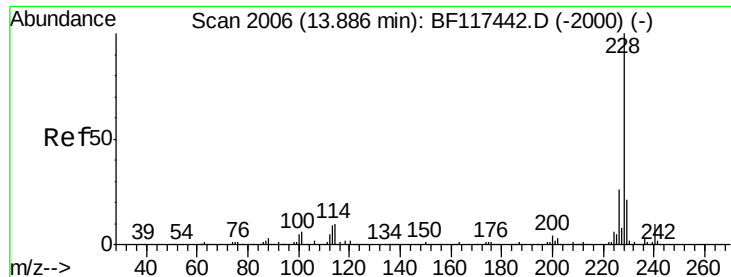


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

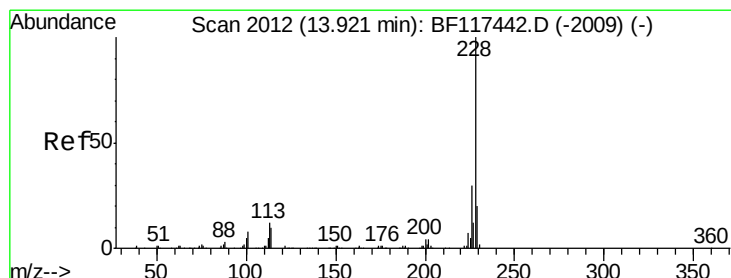
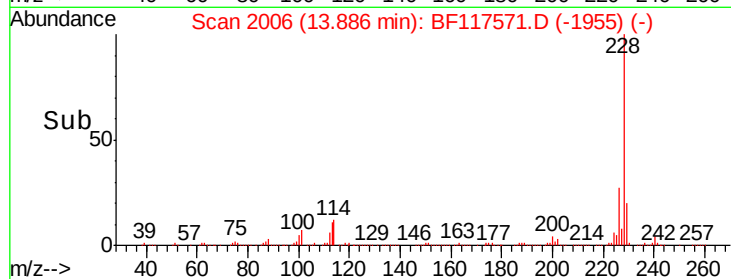
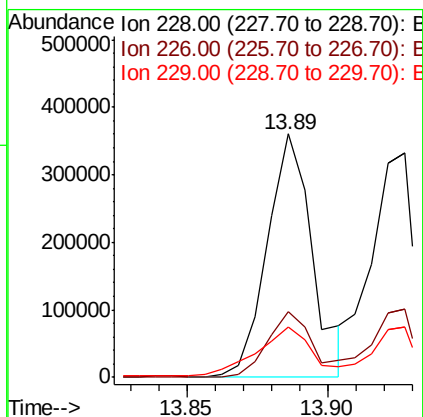
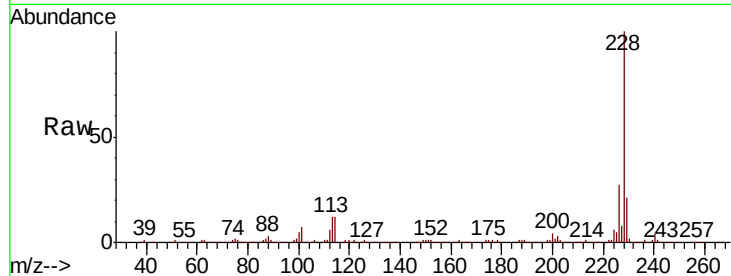




#81
Benzo(a)anthracene
Concen: 84.619 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

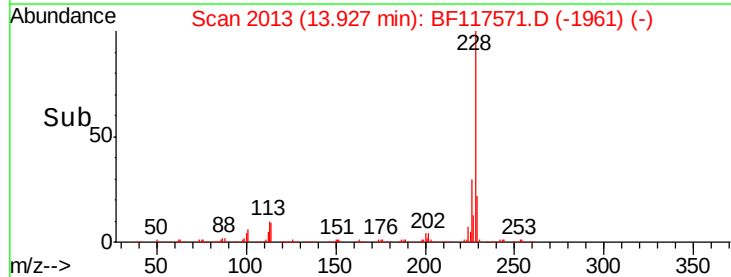
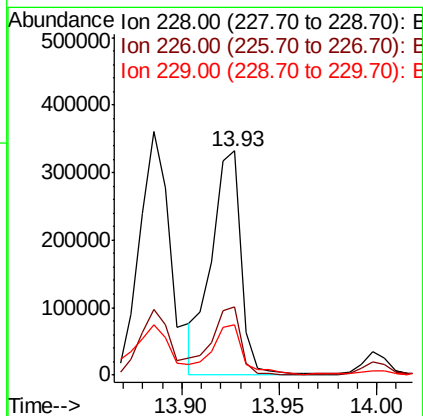
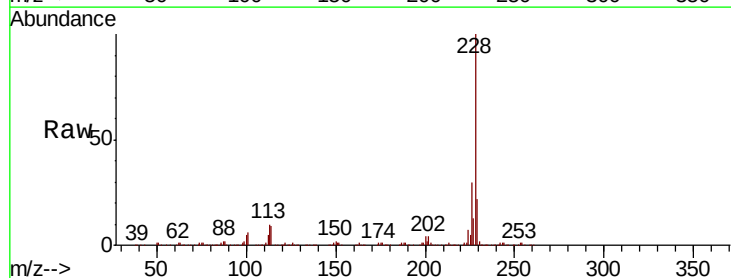
Instrument :
BNA_E
ClientSampled :

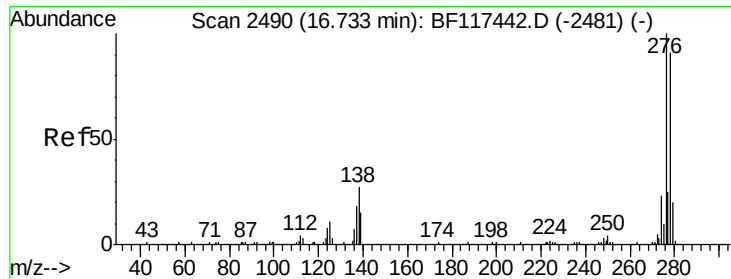
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.0	31.4
229	20.7	16.4	24.6



#83
Chrysene
Concen: 75.859 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	22.4	15.8	23.6

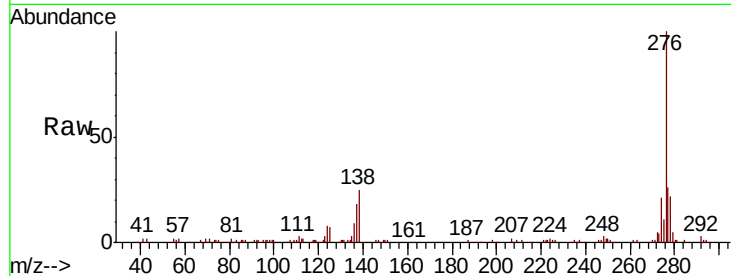




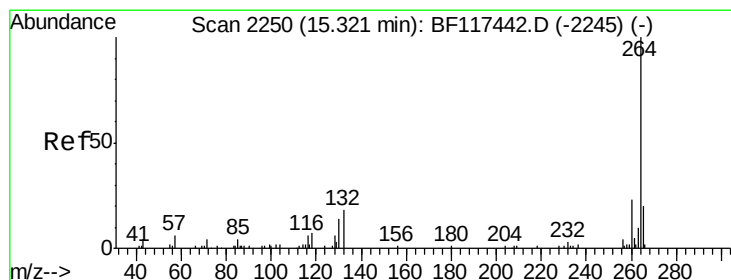
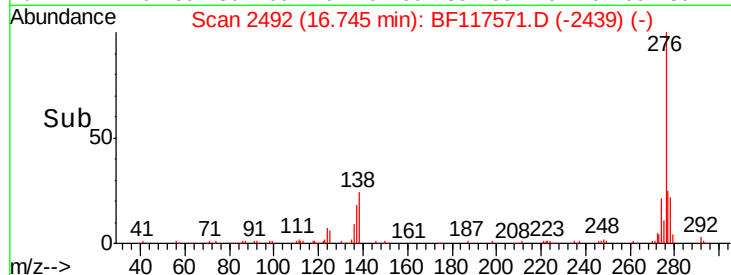
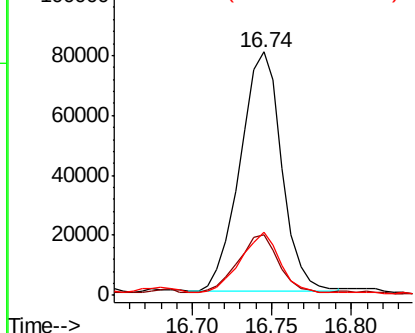
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 42.038 ng
 RT: 16.74 min Scan# 2492
 Delta R.T. 0.01 min
 Lab File: BF117571.D
 Acq: 28 Oct 2019 19:38

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.8	32.8
277	23.7	20.0	30.0

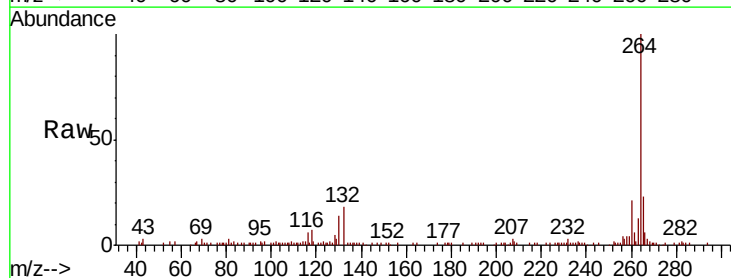


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

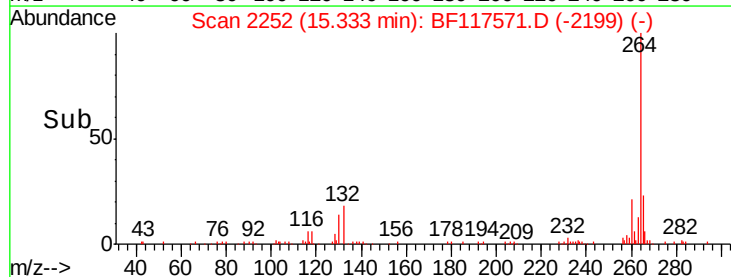
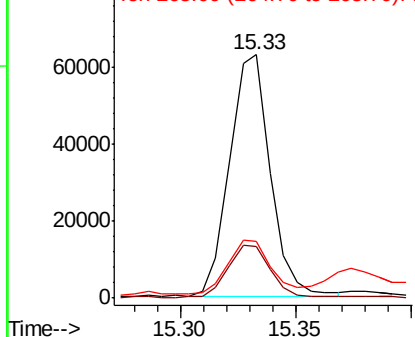


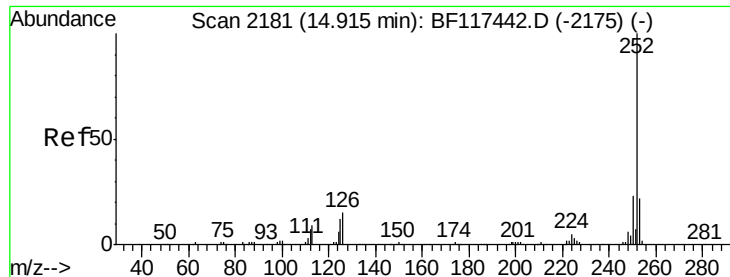
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117571.D
 Acq: 28 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.4	27.6
265	23.5	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: 134.393 ng

RT: 14.93 min Scan# 2183

Delta R.T. 0.01 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

Instrument :

BNA_E

ClientSampleId :

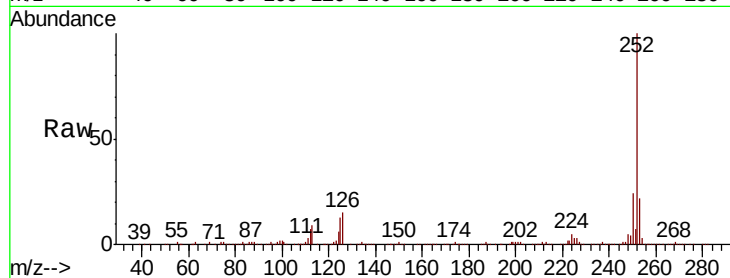
Tot Ion:252 Resp: 617354

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 13.2 9.9 14.9

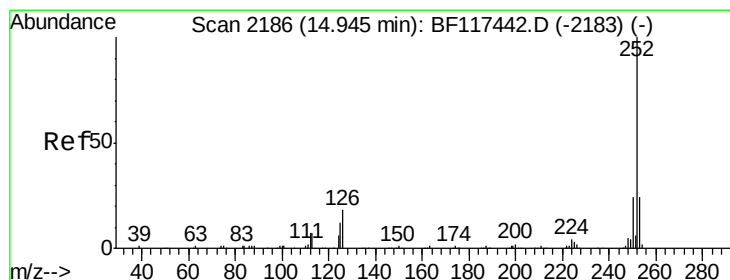
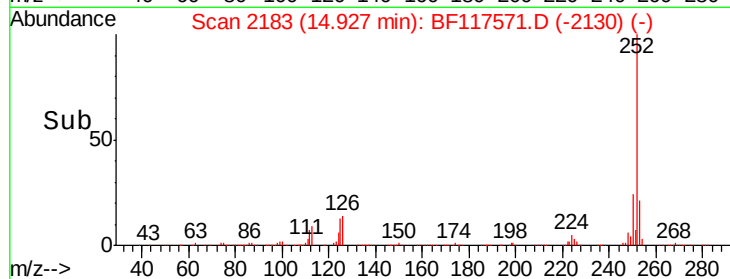
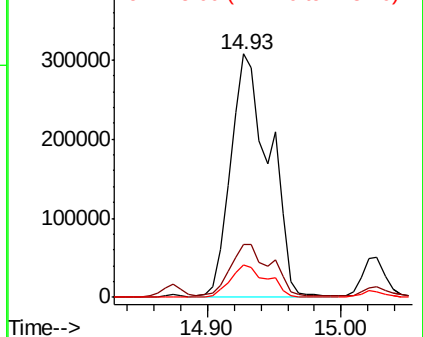


Abundance

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: 131.123 ng

RT: 14.93 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BF117571.D

Acq: 28 Oct 2019 19:38

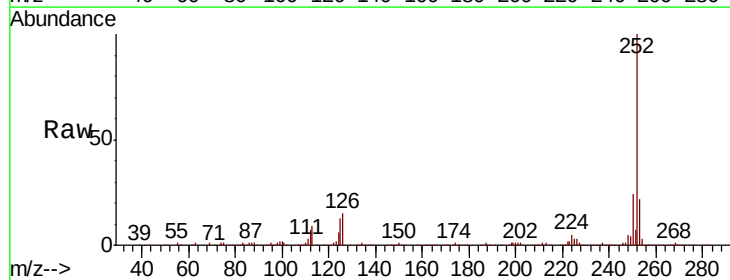
Tgt Ion:252 Resp: 617354

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

125 13.2 8.9 13.3

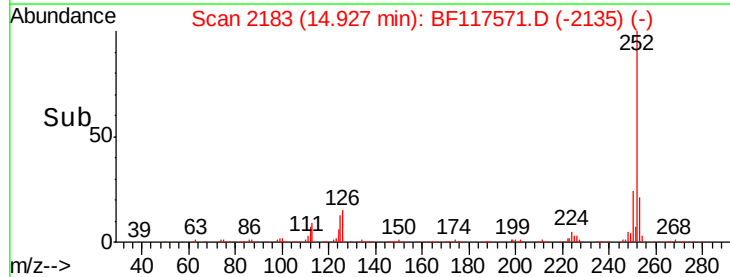
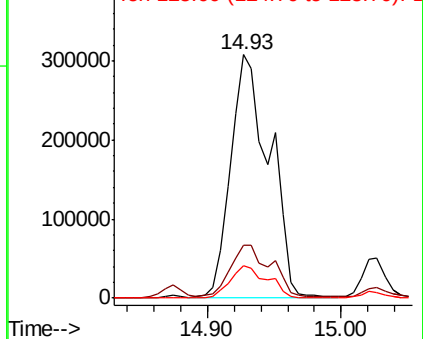


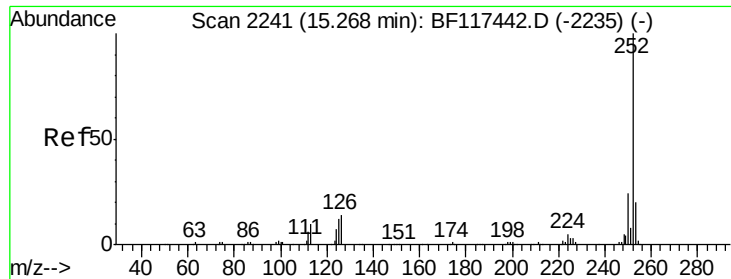
Abundance

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

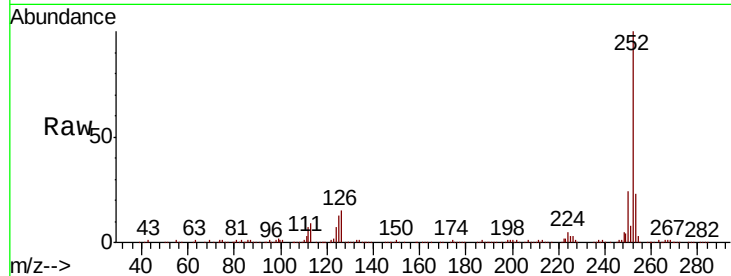




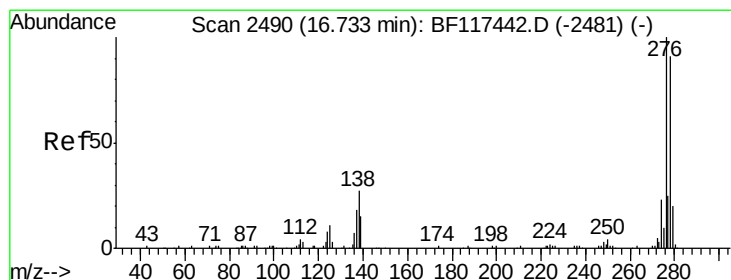
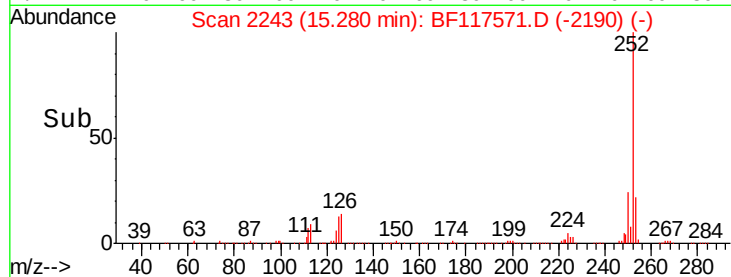
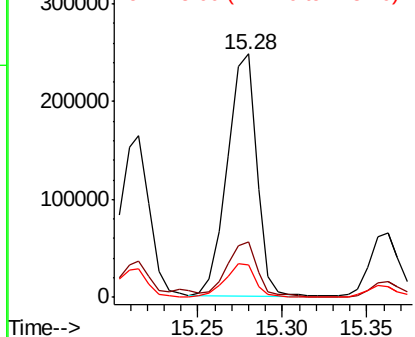
#90
Benzo(a)pyrene
Concen: 72.141 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 301303
Ion Ratio Lower Upper
252 100
253 22.6 16.3 24.5
125 13.1 9.2 13.8

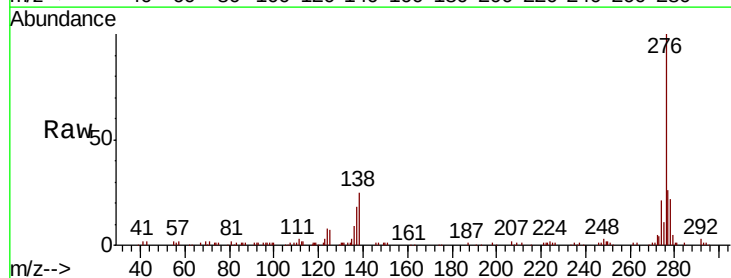


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

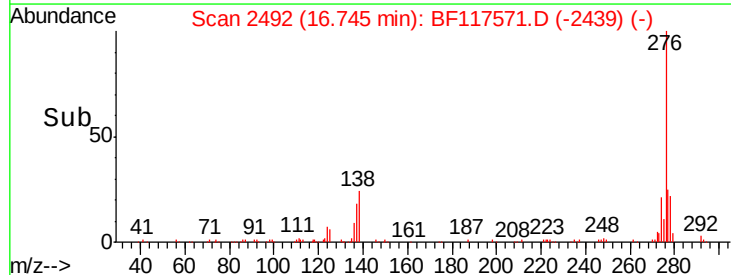
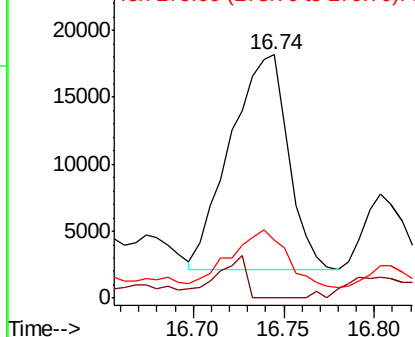


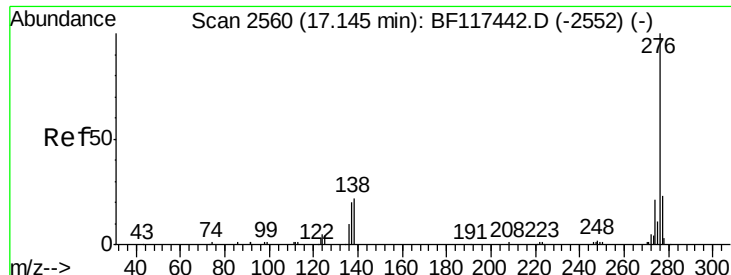
#91
Dibenzo(a,h)anthracene
Concen: 9.905 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117571.D
Acq: 28 Oct 2019 19:38

Tgt Ion:278 Resp: 35771
Ion Ratio Lower Upper
278 100
139 0.0 13.4 20.0#
279 23.8 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

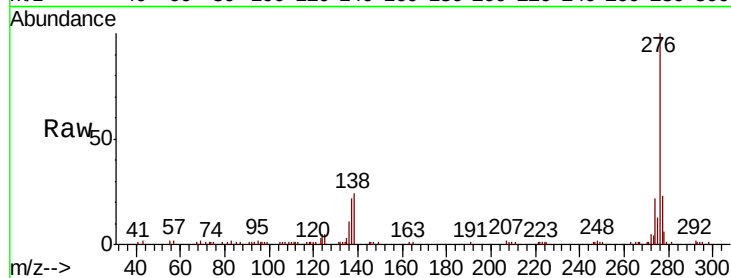




#92
 Benzo(a,h,i)perylene
 Concen: 36.466 ng
 RT: 17.17 min Scan# 2565
 Delta R.T. 0.03 min
 Lab File: BF117571.D
 Acq: 28 Oct 2019 19:38

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	23.8	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

