

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052119\
 Data File : BF114454.D
 Acq On : 21 May 2019 14:32
 Operator : JU/SJ
 Sample : K2865-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 21 14:58:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	239459	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	905548	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	442451	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	866625	20.00	ng	0.00
76) Chrysene-d12	14.00	240	480407	20.00	ng	0.00
87) Perylene-d12	15.47	264	569794	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1260475	84.71	ng	-0.01
7) Phenol-d6	6.47	99	1690937	96.08	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1019678	63.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	375185	82.02	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1744419	59.64	ng	0.00
79) Terphenyl-d14	12.93	244	1592277	68.32	ng	0.00

Target Compounds

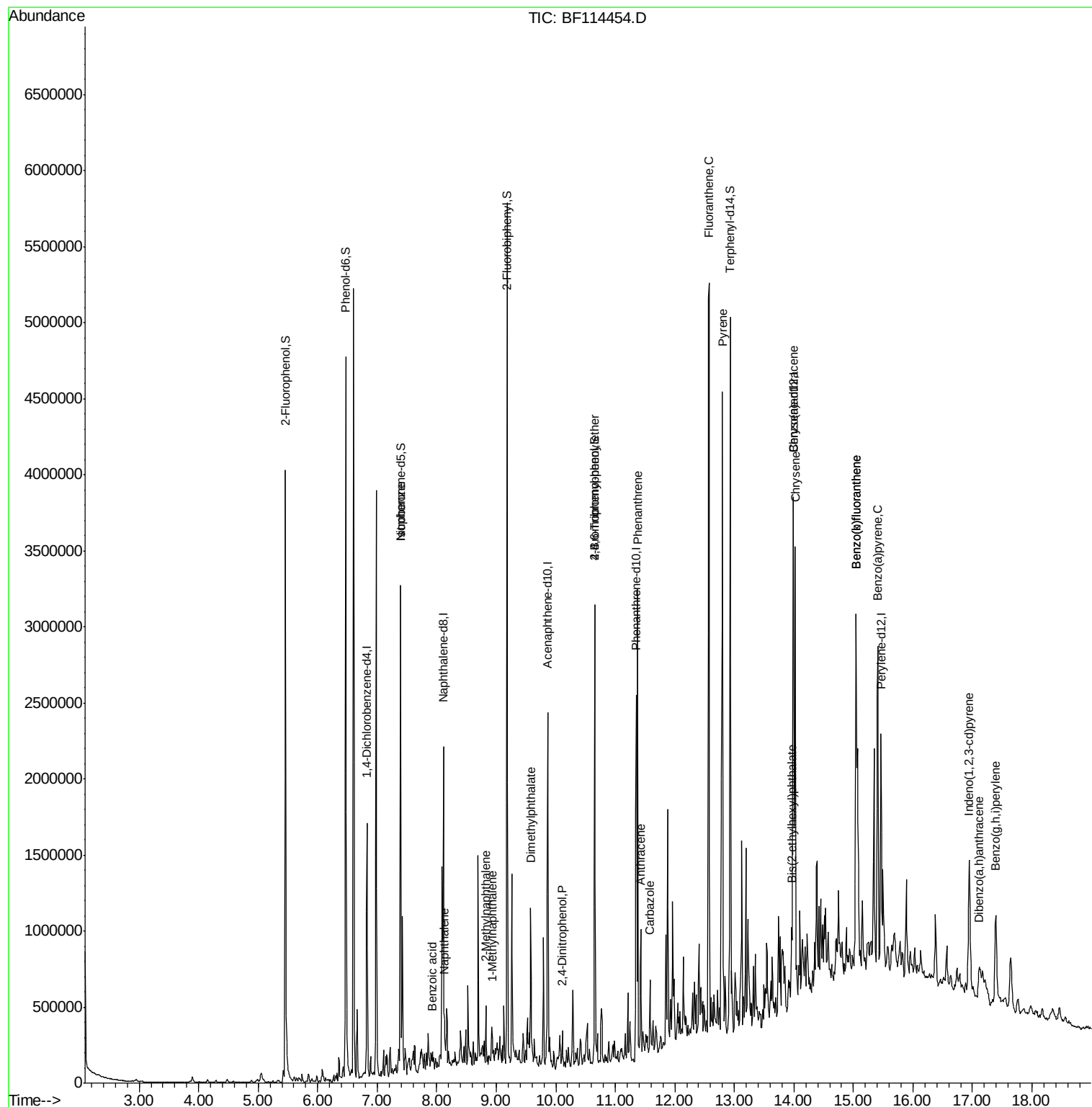
						Qvalue
25) Isophorone	7.39	82	1019678	34.074	ng	# 65
31) Naphthalene	8.13	128	90990	2.151	ng	96
32) Benzoic acid	7.92	122	1412	7.156	ng	# 1
37) 2-Methylnaphthalene	8.83	142	116893	4.283	ng	94
38) 1-Methylnaphthalene	8.92	142	61714	2.401	ng	98
50) Dimethylphthalate	9.58	163	323842	9.970	ng	99
54) 2,4-Dinitrophenol	10.12	184	386	6.843	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	23046	2.415	ng	# 1
71) Phenanthrene	11.37	178	1116638	26.484	ng	98
72) Anthracene	11.43	178	309635	7.312	ng	98
73) Carbazole	11.59	167	180783	4.477	ng	98
75) Fluoranthene	12.57	202	2183706	48.096	ng	100
78) Pyrene	12.80	202	1994673	51.613	ng	99
81) Benzo(a)anthracene	13.99	228	1285083	41.358	ng	98
83) Chrysene	14.02	228	1159190	38.056	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	65783	3.092	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	533765	19.828	ng	95
88) Benzo(b)fluoranthene	15.04	252	1949782	53.412	ng	97
89) Benzo(k)fluoranthene	15.04	252	1949782	58.145	ng	98
90) Benzo(a)pyrene	15.41	252	1066660	33.202	ng	98
91) Dibenzo(a,h)anthracene	17.11	278	134133	5.024	ng	93
92) Benzo(g,h,i)perylene	17.39	276	487530	18.223	ng	99

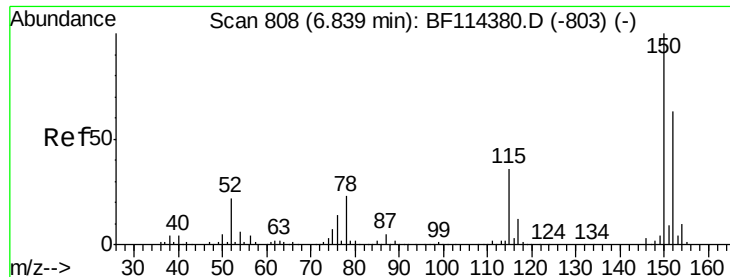
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 20 04:47:40 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

Instrument :

BNA_E

ClientSampled :

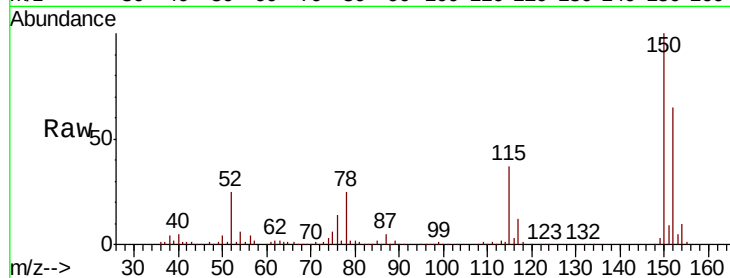
Tot Ion:152 Resp: 239459

Ion Ratio Lower Upper

152 100

150 154.4 124.3 186.5

115 57.3 49.1 73.7

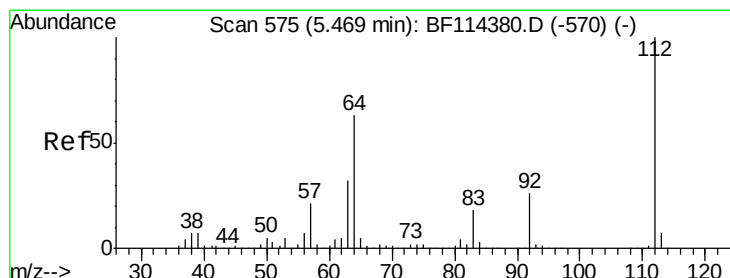
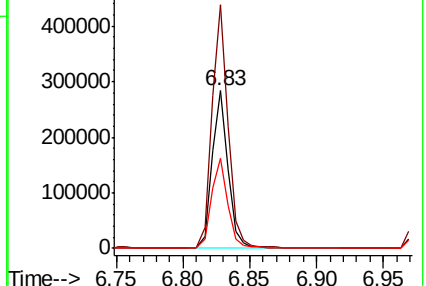
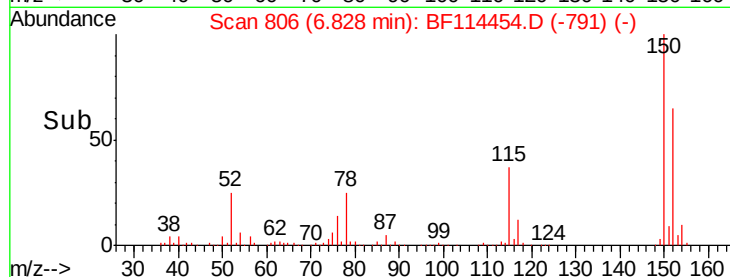


Abundance

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: 84.709 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

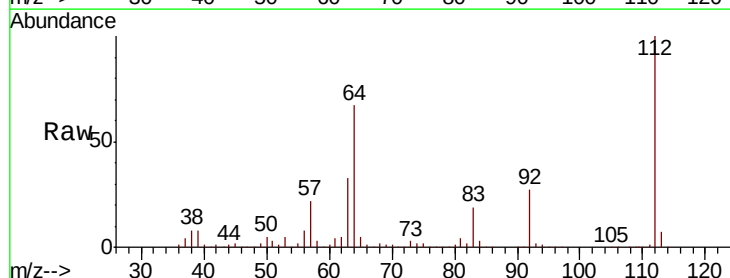
Tgt Ion:112 Resp: 1260475

Ion Ratio Lower Upper

112 100

64 67.0 49.0 73.6

63 33.5 24.6 37.0

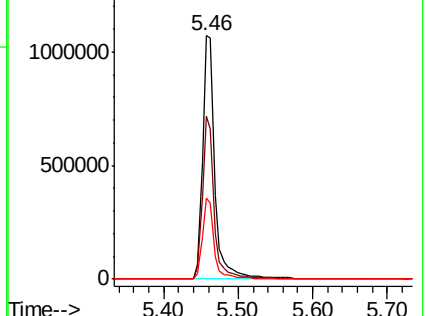
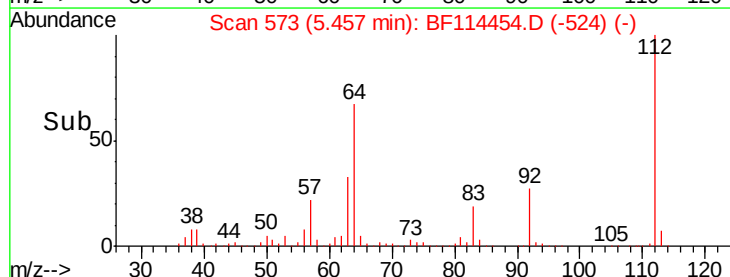


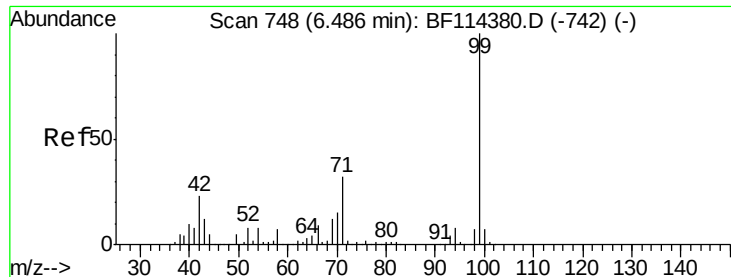
Abundance

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: 96.081 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

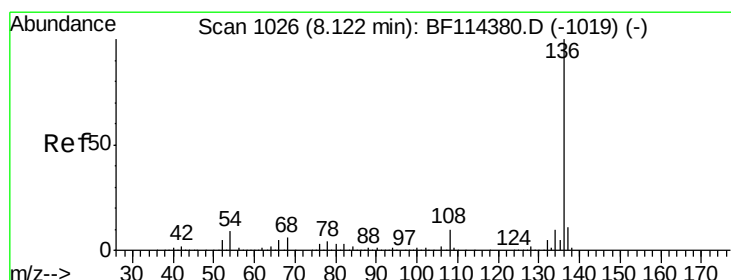
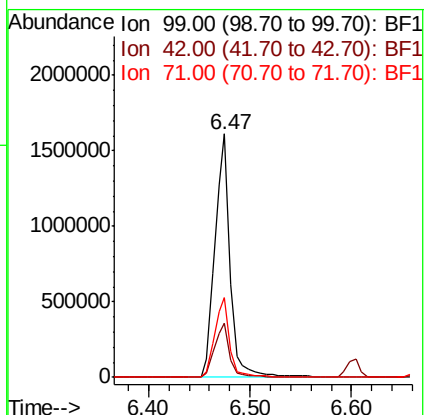
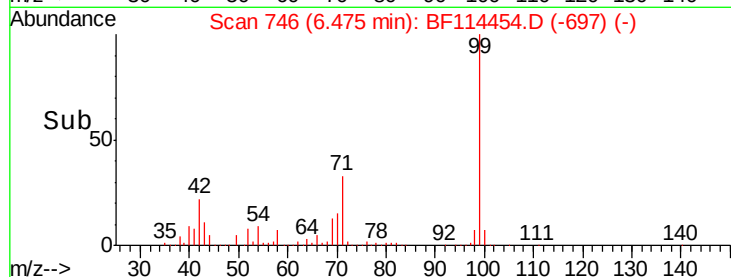
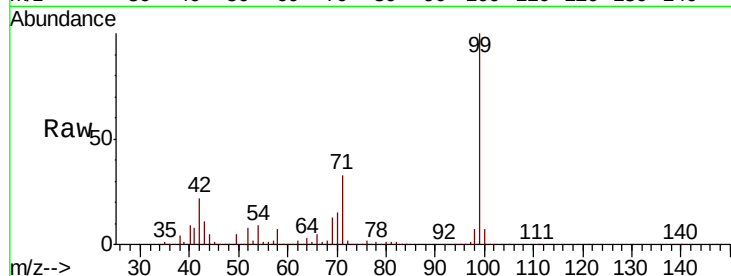
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 1690937

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	32.8	26.2	39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

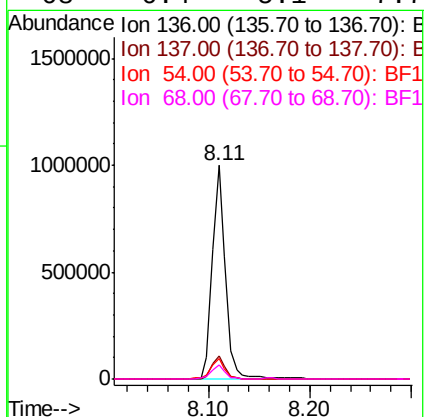
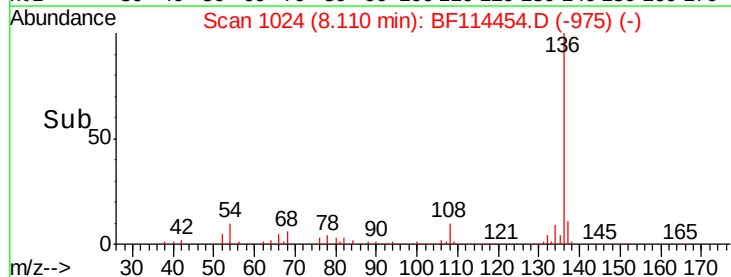
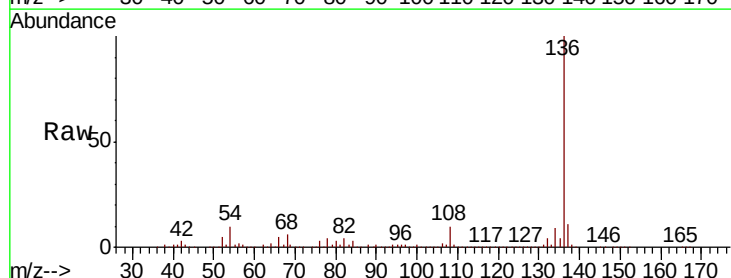
Delta R.T. -0.01 min

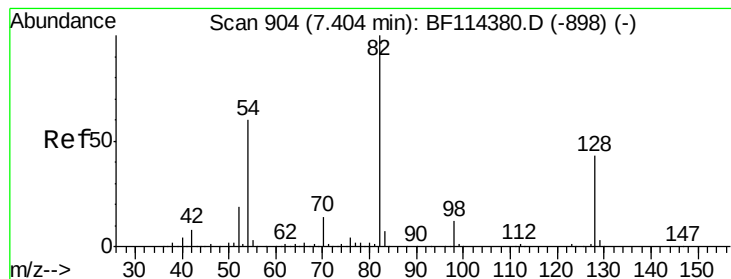
Lab File: BF114454.D

Acq: 21 May 2019 14:32

Tgt Ion: 136 Resp: 905548

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.6	7.8	11.8
68	6.4	5.1	7.7





#23

Nitrobenzene-d5

Concen: 63.193 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

Instrument :

BNA_E

ClientSampleId :

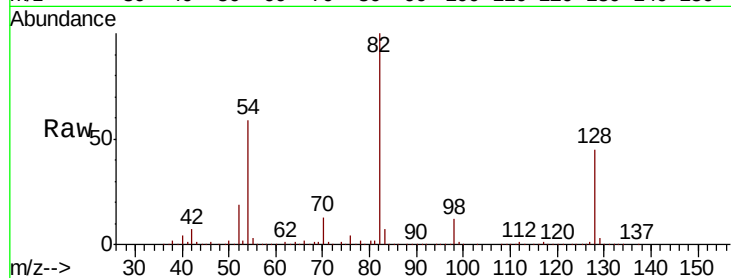
Tot Ion: 82 Resp: 1019678

Ion Ratio Lower Upper

82 100

128 45.3 35.5 53.3

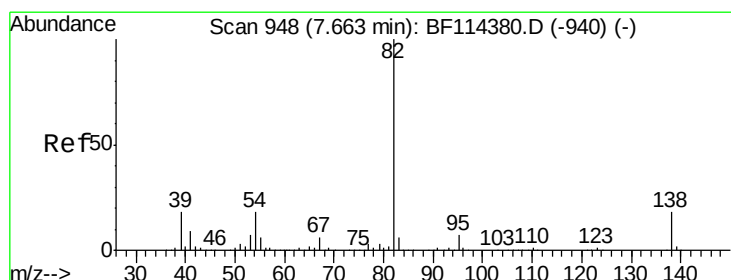
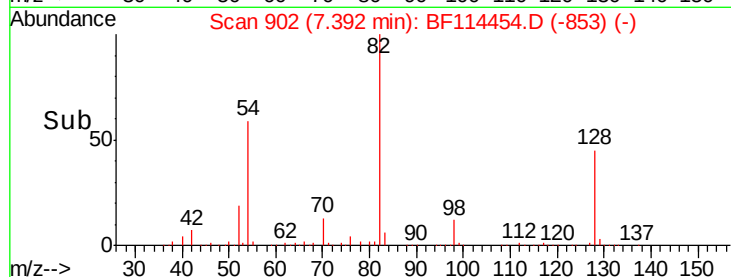
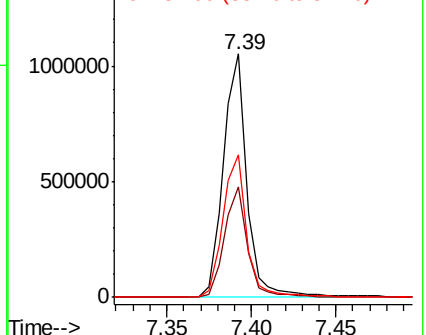
54 58.6 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 34.074 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

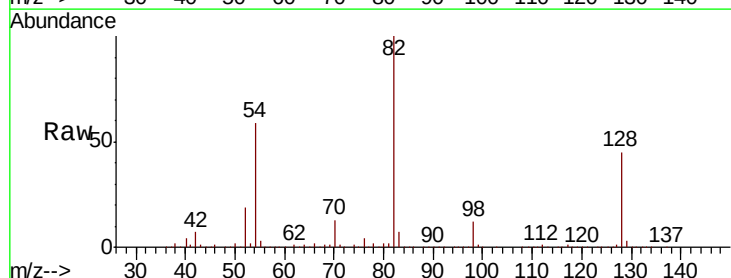
Tgt Ion: 82 Resp: 1019678

Ion Ratio Lower Upper

82 100

95 0.3 5.6 8.4#

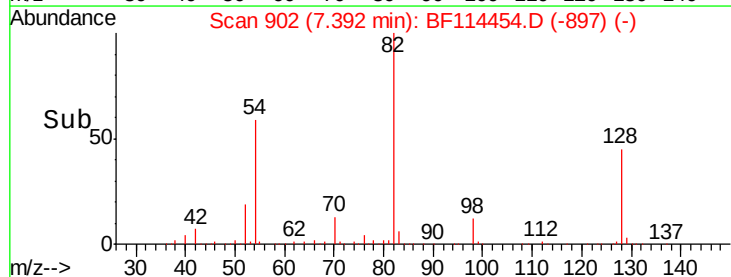
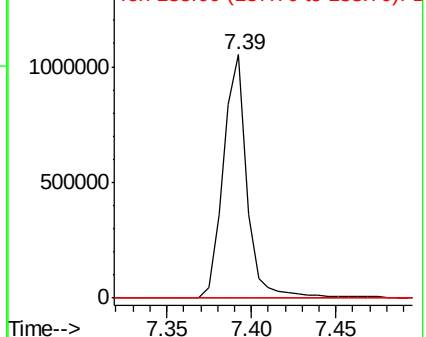
138 0.0 14.8 22.2#

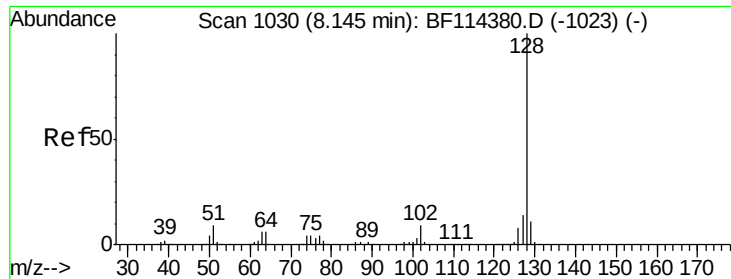


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

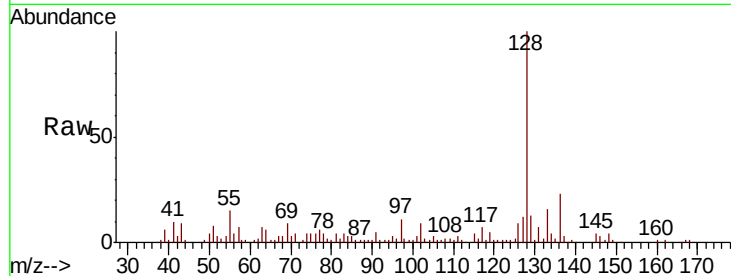




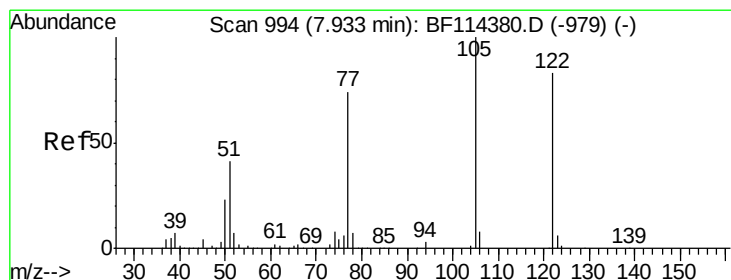
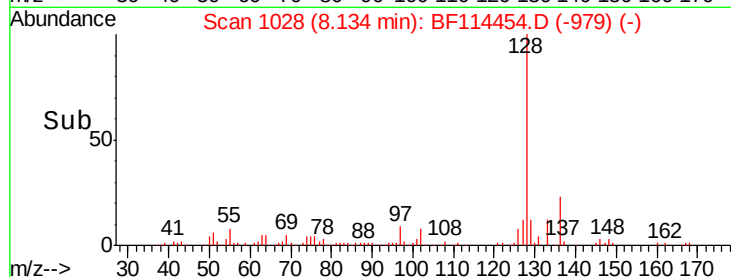
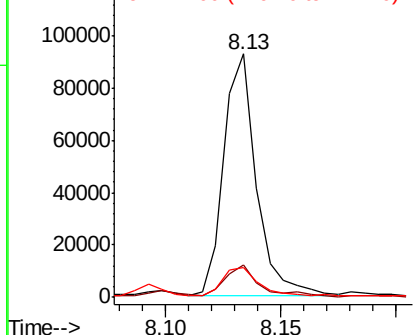
#31
Naphthalene
Concen: 2.151 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114454.D
Acq: 21 May 2019 14:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 90990
Ion Ratio Lower Upper
128 100
129 13.1 9.6 14.4
127 12.4 11.3 16.9

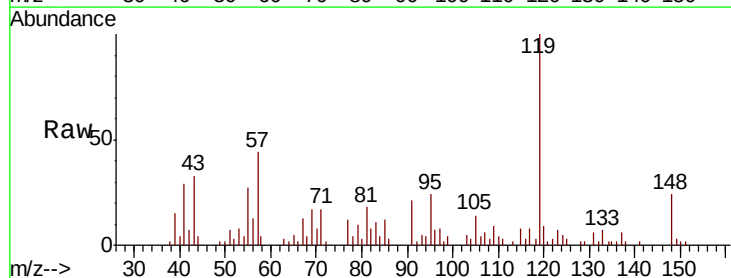


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

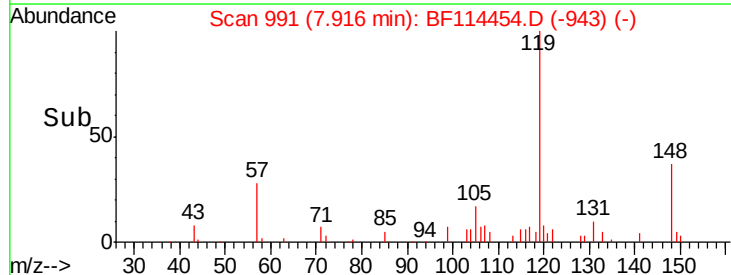
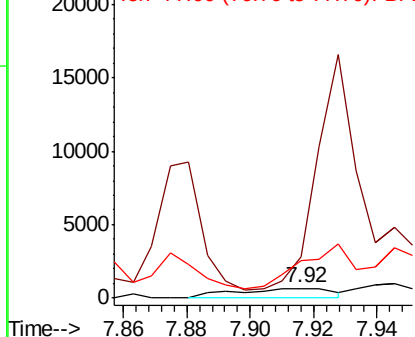


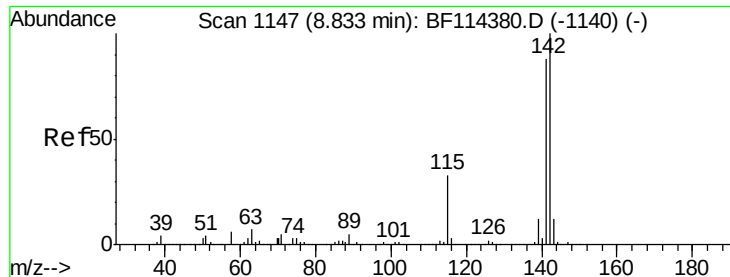
#32
Benzoic acid
Concen: 7.156 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF114454.D
Acq: 21 May 2019 14:32

Tgt Ion:122 Resp: 1412
Ion Ratio Lower Upper
122 100
105 419.6 99.9 139.9#
77 377.0 69.4 109.4#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

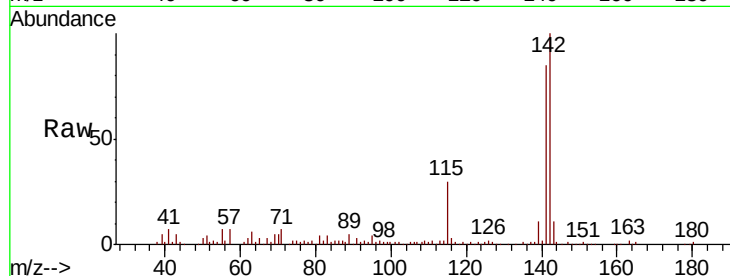




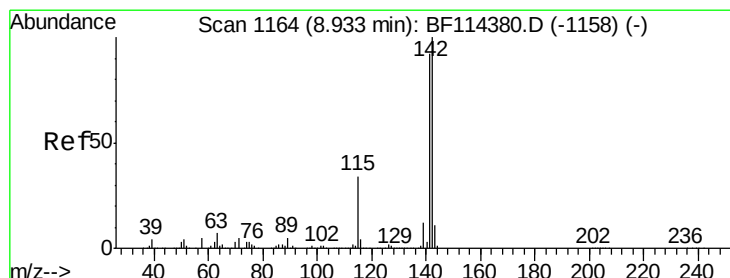
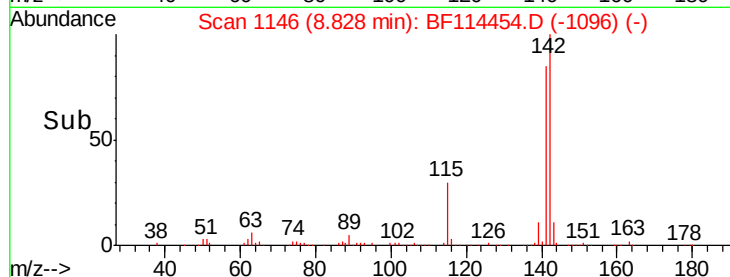
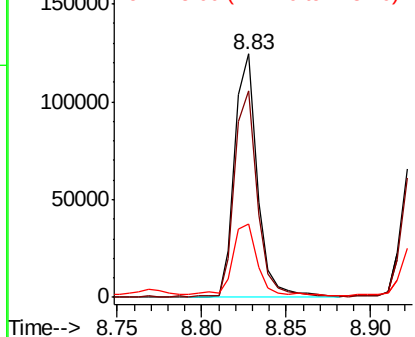
#37
 2-Methylnaphthalene
 Concen: 4.283 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF114454.D
 Acq: 21 May 2019 14:32

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.9	72.1	108.1
115	30.2	28.0	42.0

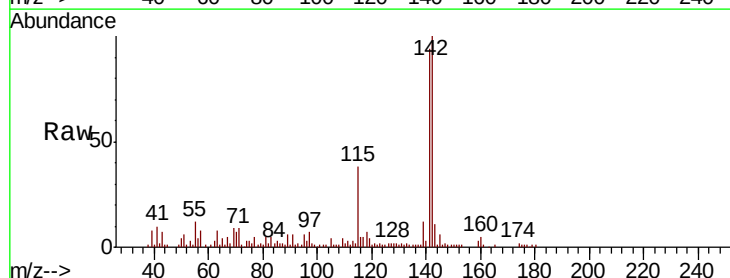


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

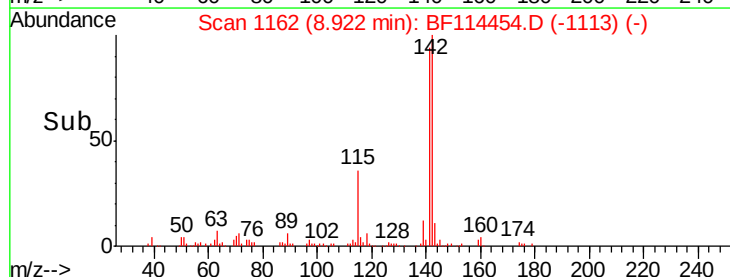
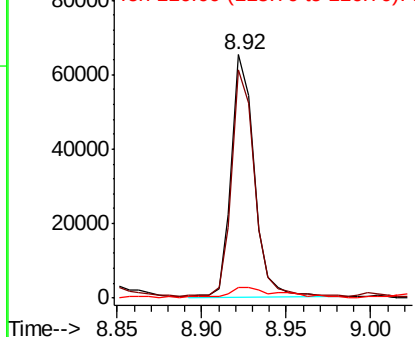


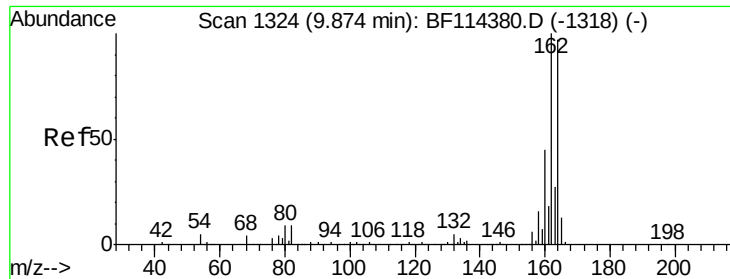
#38
 1-Methylnaphthalene
 Concen: 2.401 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF114454.D
 Acq: 21 May 2019 14:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.4	110.0
116	4.6	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

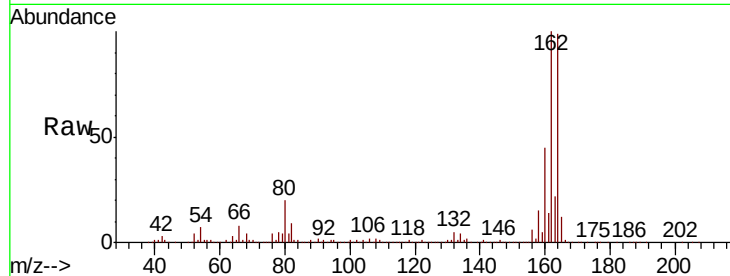




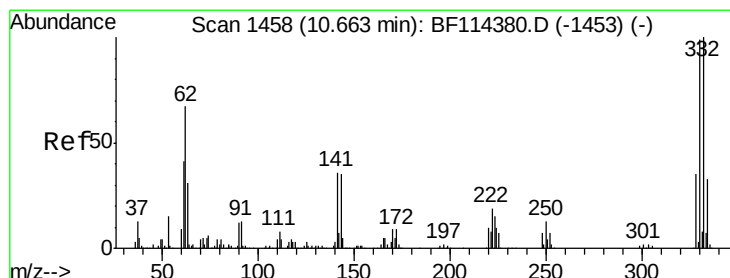
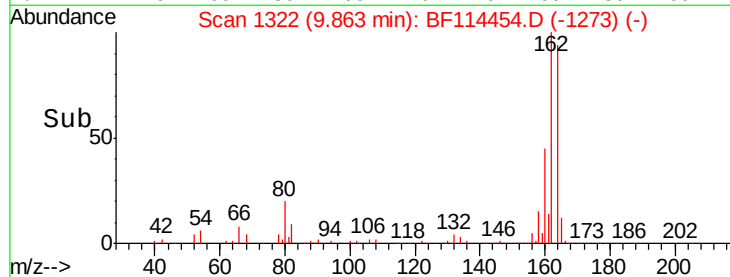
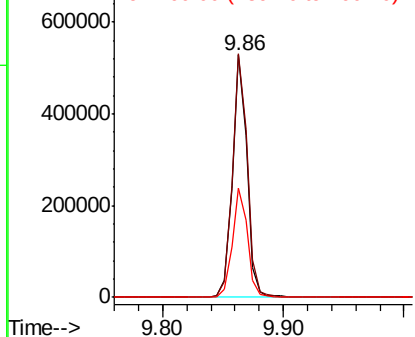
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114454.D
Acq: 21 May 2019 14:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 442451
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 45.2 36.5 54.7

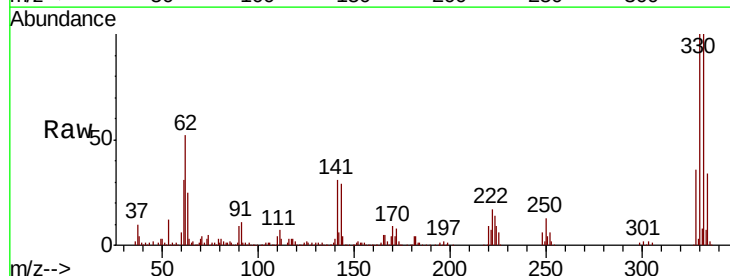


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

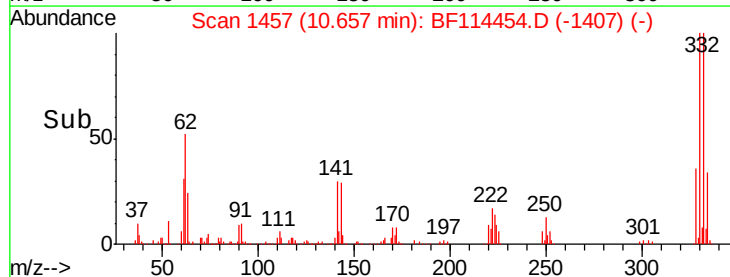
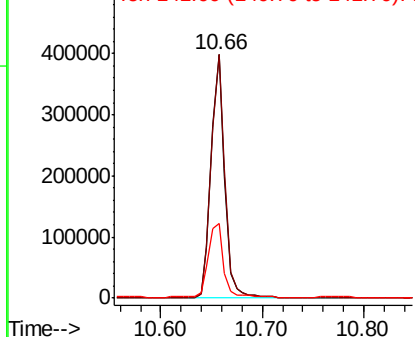


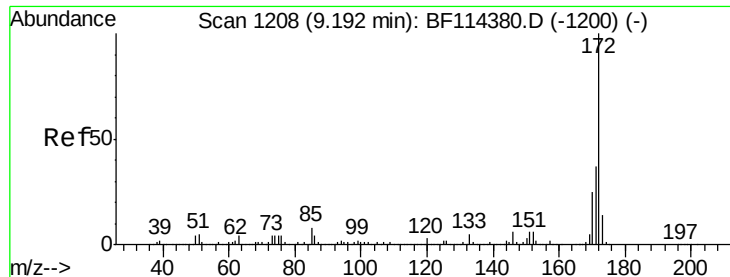
#42
2,4,6-Tribromophenol
Concen: 82.022 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF114454.D
Acq: 21 May 2019 14:32

Tgt Ion:330 Resp: 375185
Ion Ratio Lower Upper
330 100
332 101.0 81.4 122.2
141 34.8 26.6 40.0



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

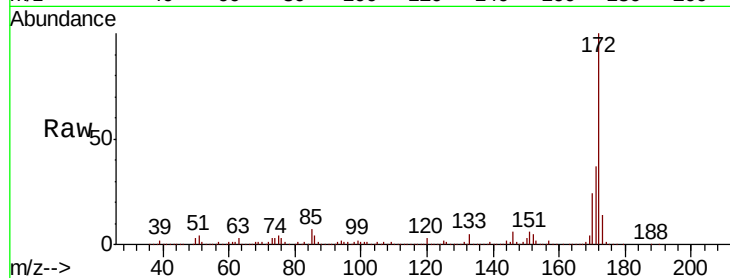




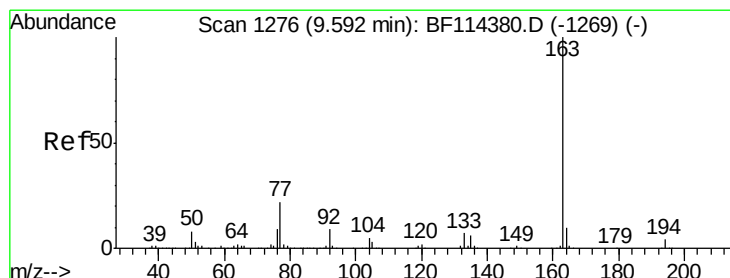
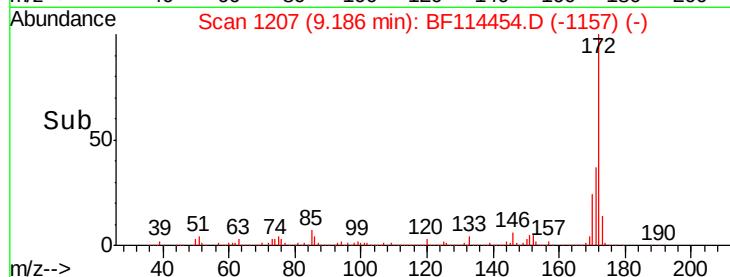
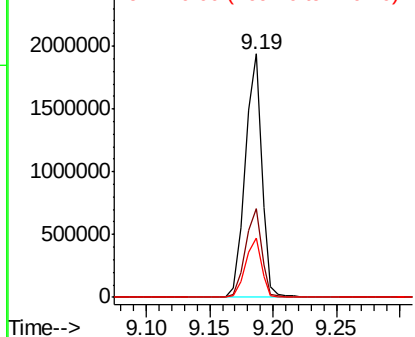
#45
2-Fluorobiphenyl
Concen: 59.639 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114454.D
Acq: 21 May 2019 14:32

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 1744419
Ion Ratio Lower Upper
172 100
171 36.7 30.7 46.1
170 24.4 20.5 30.7

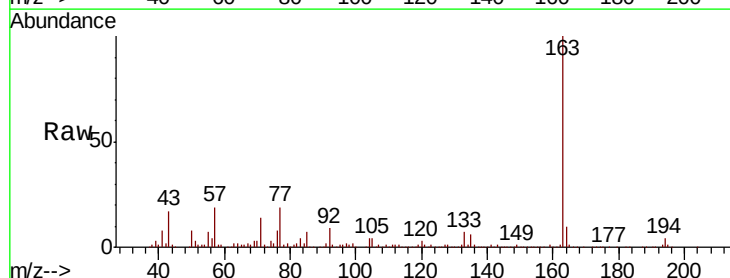


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

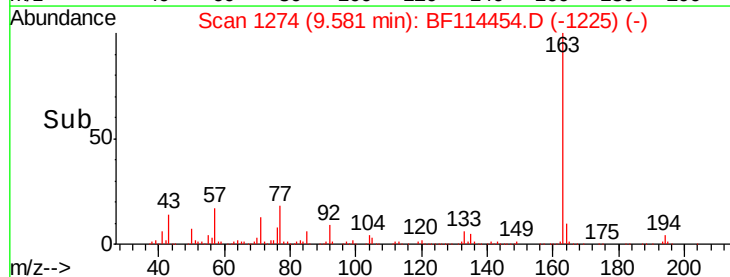
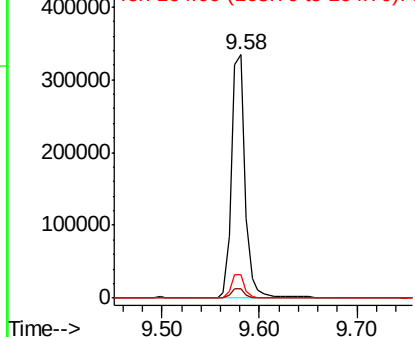


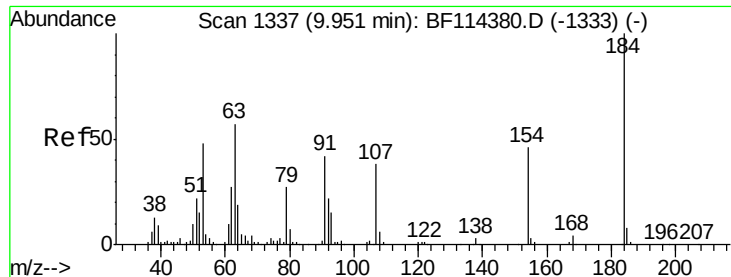
#50
Dimethylphthalate
Concen: 9.970 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114454.D
Acq: 21 May 2019 14:32

Tgt Ion:163 Resp: 323842
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.7 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





#54

2,4-Dinitrophenol

Concen: 6.843 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.16 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

Instrument :

BNA_E

ClientSampled :

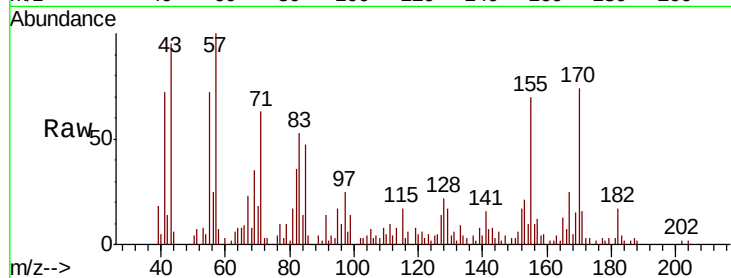
Tot Ion:184 Resp: 386

Ion Ratio Lower Upper

184 100

63 243.8 55.6 83.4#

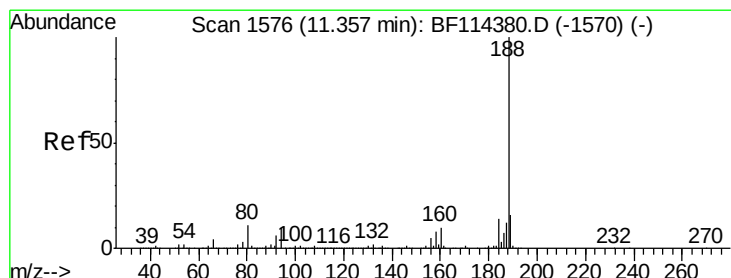
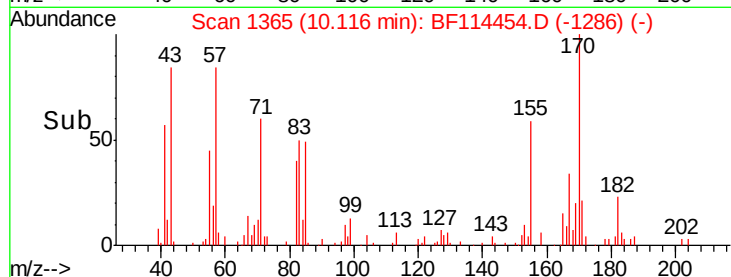
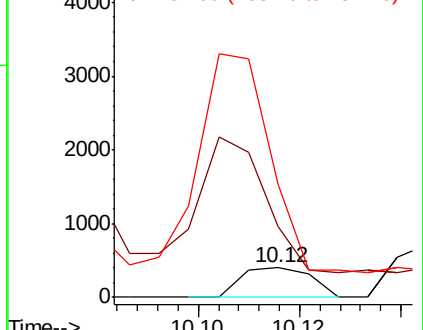
154 386.6 46.0 69.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

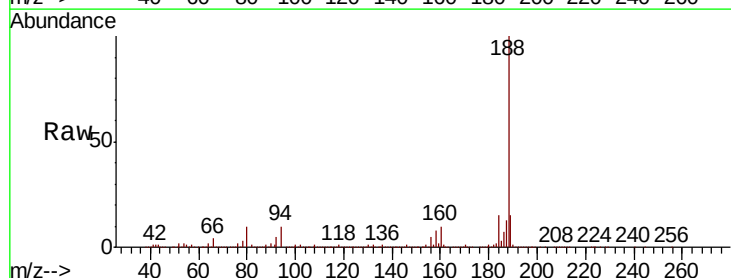
Tgt Ion:188 Resp: 866625

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

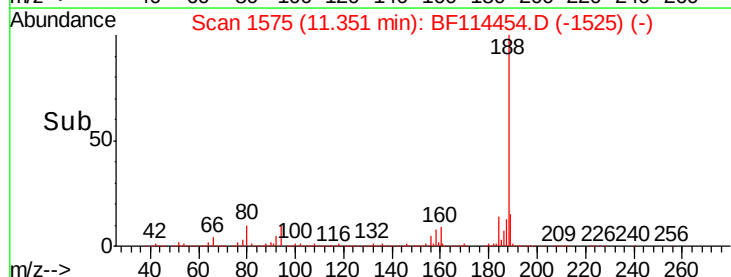
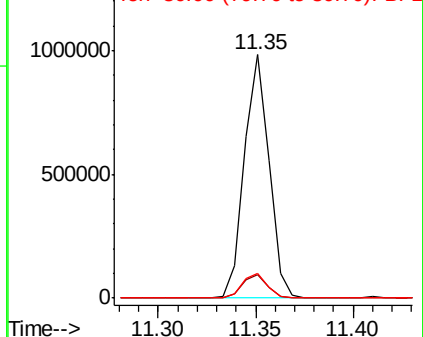
80 10.2 9.2 13.8

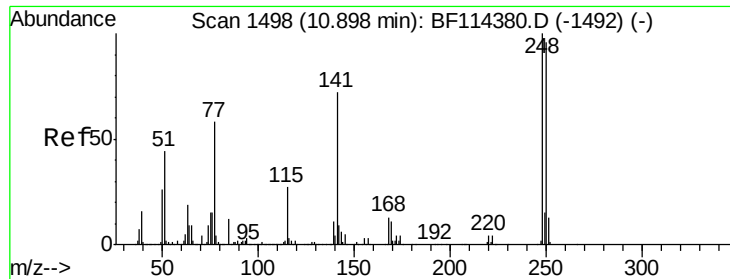


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

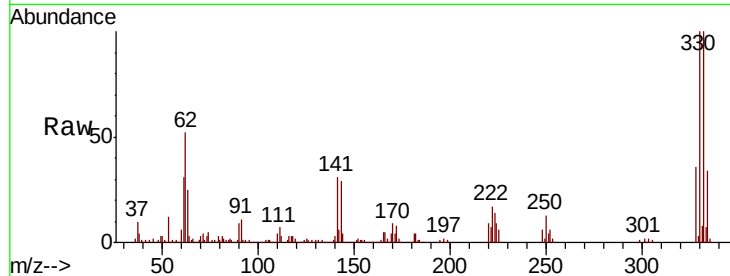




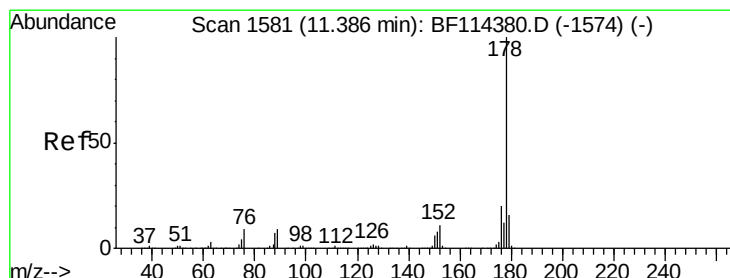
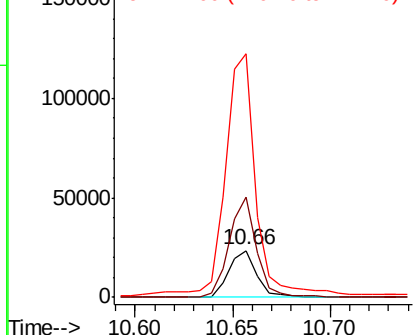
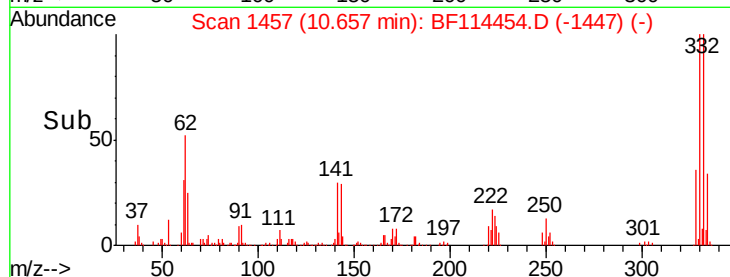
#67
 4-Bromophenyl-phenylether
 Concen: 2.415 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF114454.D
 Acq: 21 May 2019 14:32

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:248 Resp: 23046
 Ion Ratio Lower Upper
 248 100
 250 213.4 77.4 116.2#
 141 519.0 55.6 83.4#

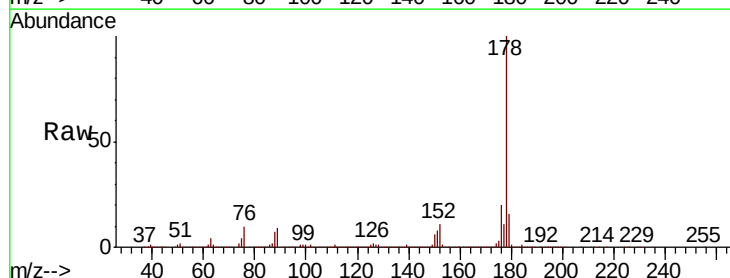


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

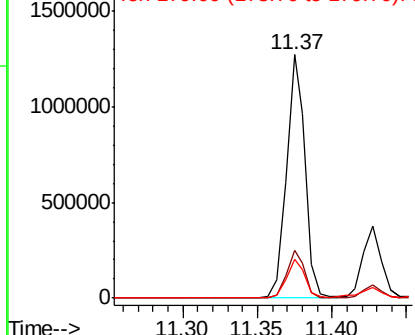
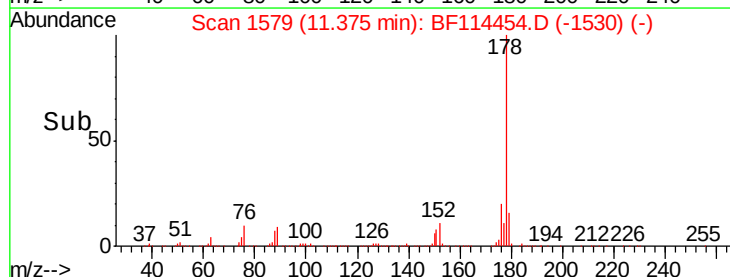


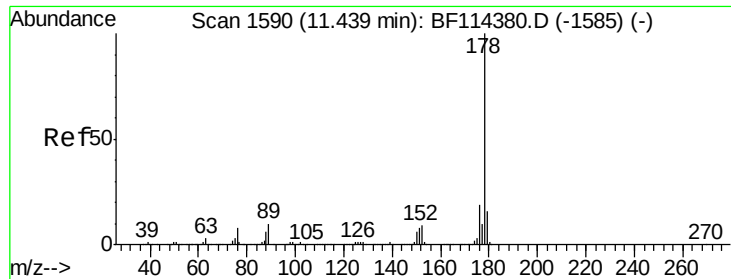
#71
 Phenanthrene
 Concen: 26.484 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF114454.D
 Acq: 21 May 2019 14:32

Tgt Ion:178 Resp: 1116638
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.4 24.6
 179 15.9 13.2 19.8



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

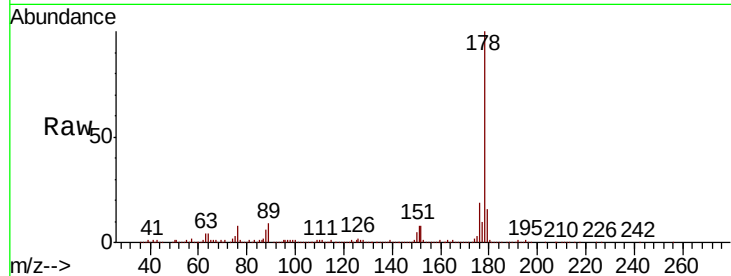




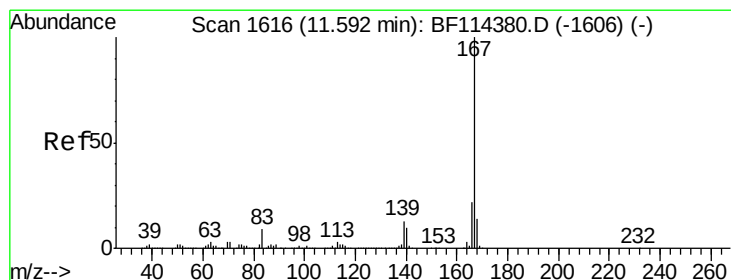
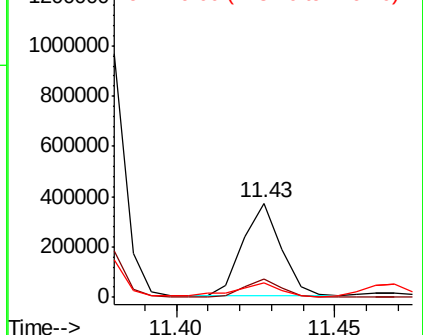
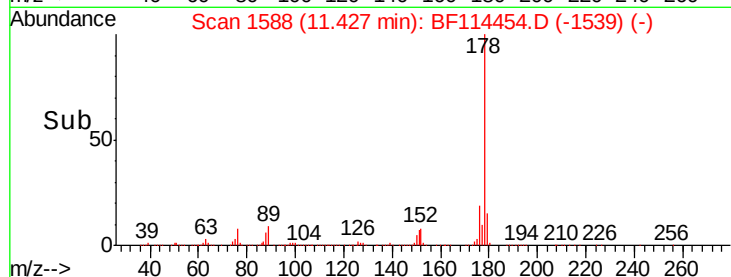
#72
 Anthracene
 Concen: 7.312 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF114454.D
 Acq: 21 May 2019 14:32

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:178 Resp: 309635
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.6 13.0 19.4

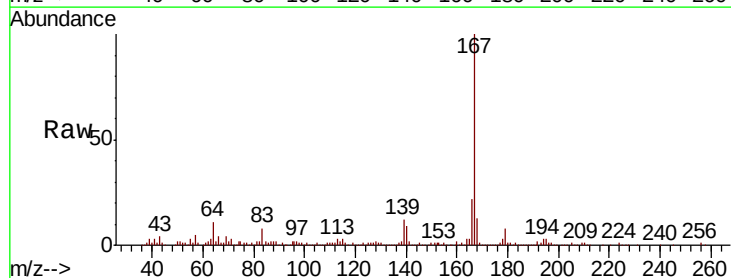


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

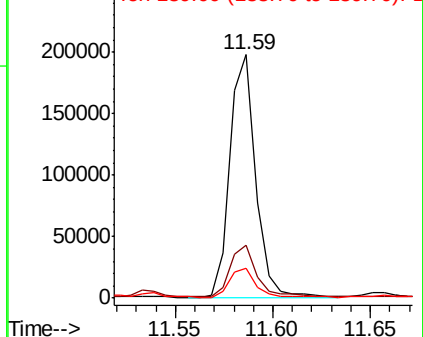
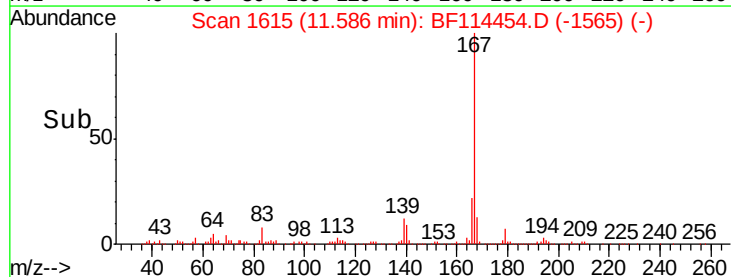


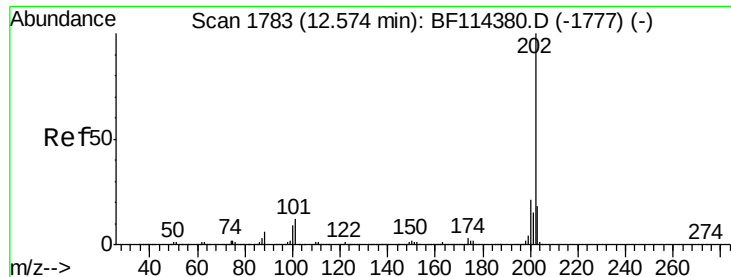
#73
 Carbazole
 Concen: 4.477 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114454.D
 Acq: 21 May 2019 14:32

Tgt Ion:167 Resp: 180783
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.2
 139 12.5 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: 48.096 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

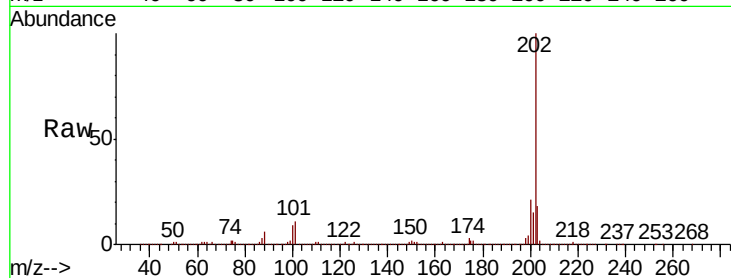
Instrument :

BNA_E

ClientSampled :

Tot Ion:202 Resp: 2183706

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.0
203	18.3	0.0	38.4

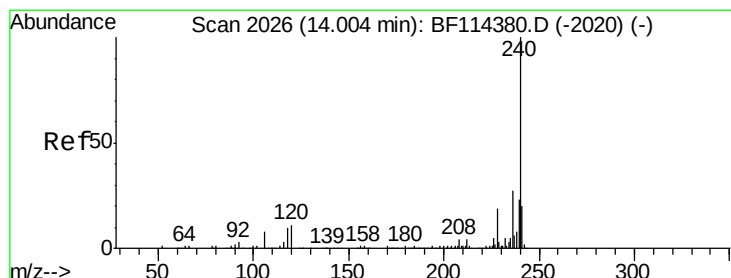
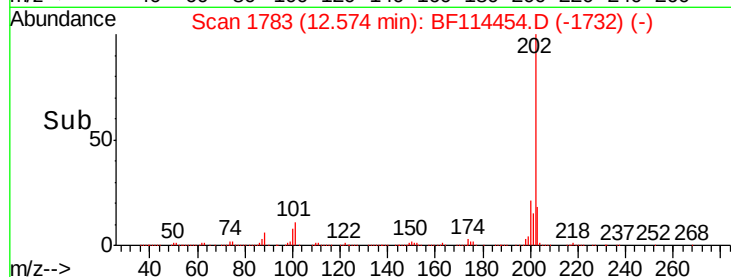
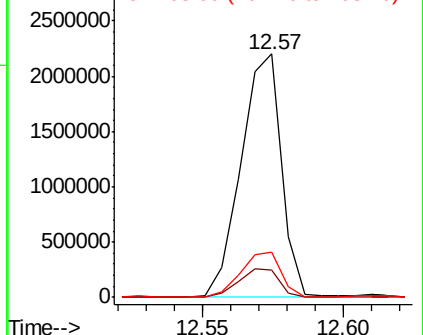


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

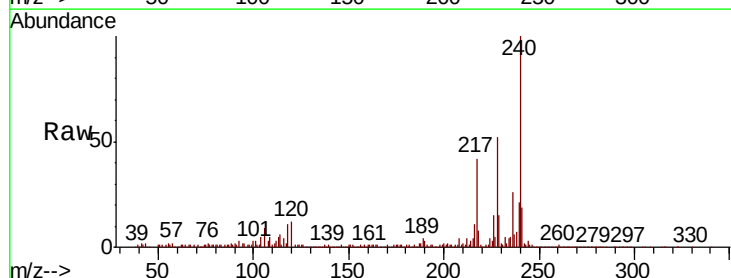
Delta R.T. -0.01 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

Tgt Ion:240 Resp: 480407

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	26.5	20.8	31.2

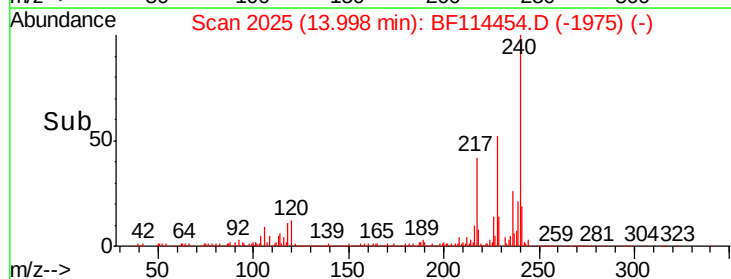
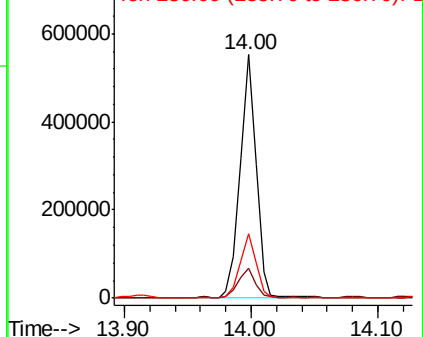


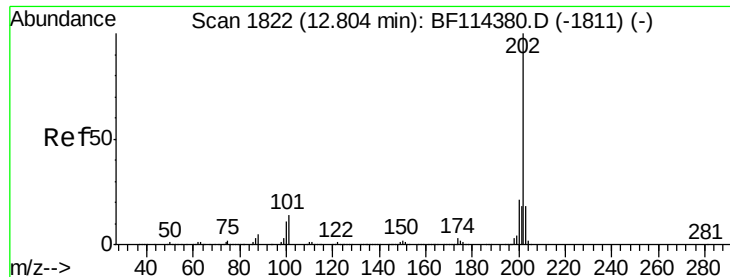
Abundance

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

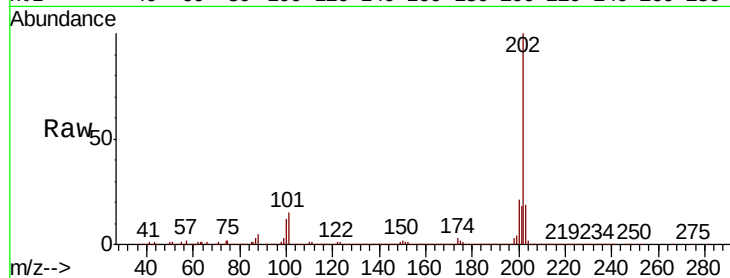




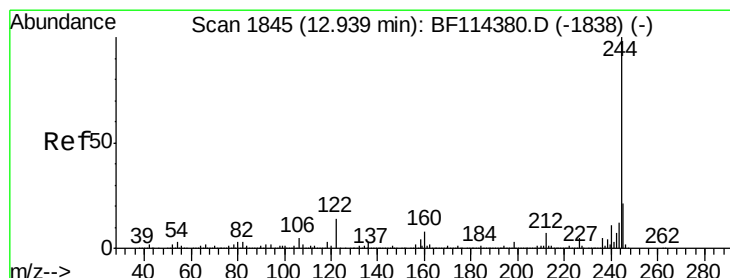
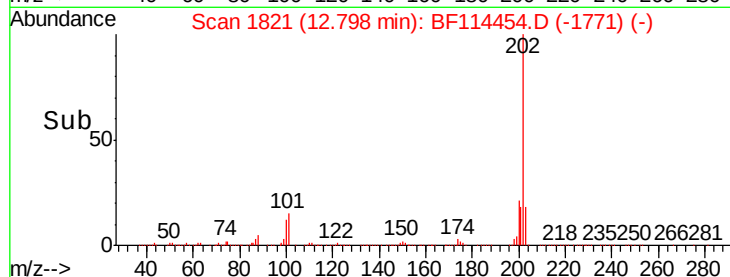
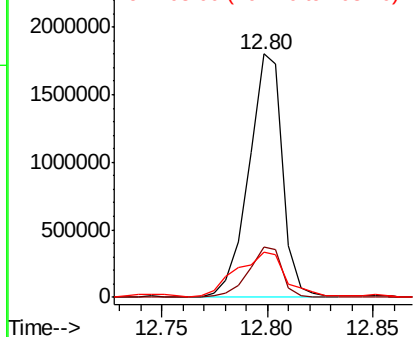
#78
Pvrene
Concen: 51.613 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF114454.D
Acq: 21 May 2019 14:32

Instrument :
BNA_E
ClientSampled :

Tot Ion:202 Resp: 1994673
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 18.7 14.5 21.7

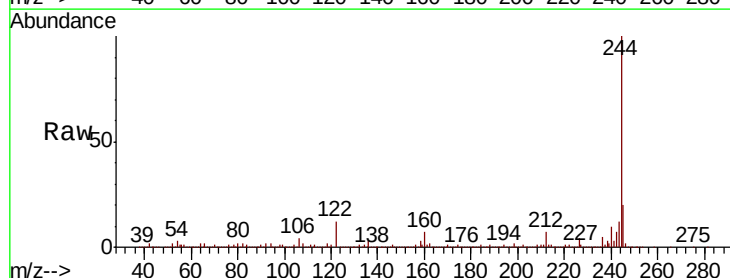


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

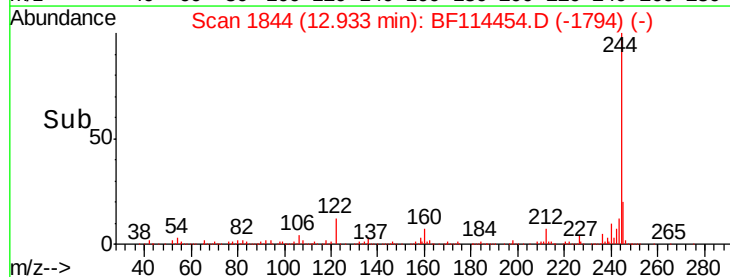
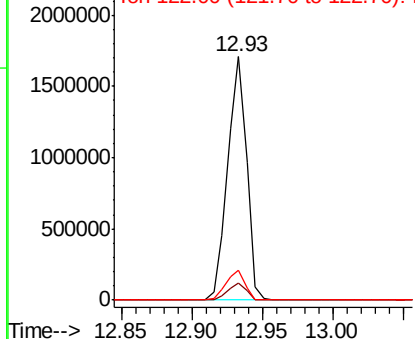


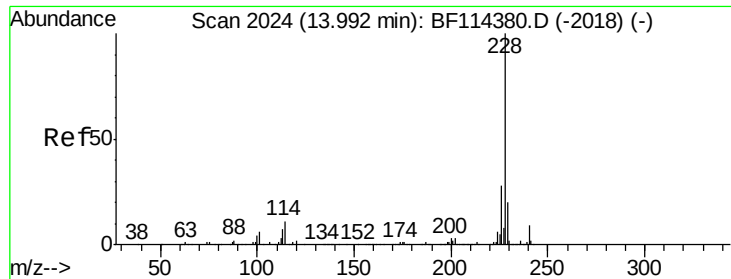
#79
Terphenyl-d14
Concen: 68.325 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF114454.D
Acq: 21 May 2019 14:32

Tgt Ion:244 Resp: 1592277
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 12.4 9.4 14.2



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

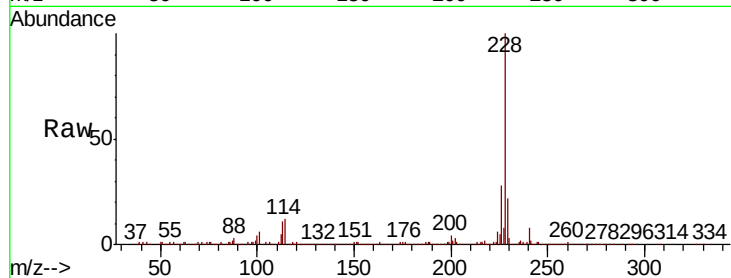




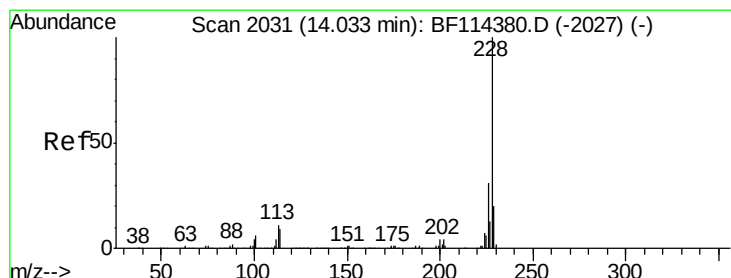
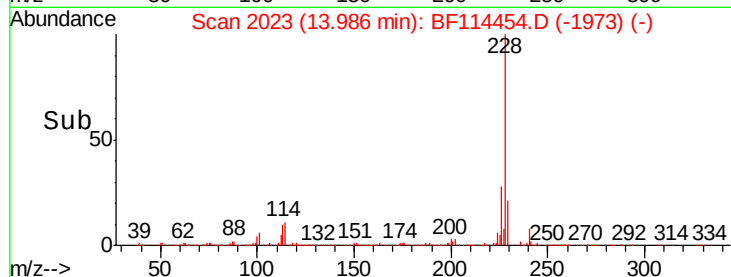
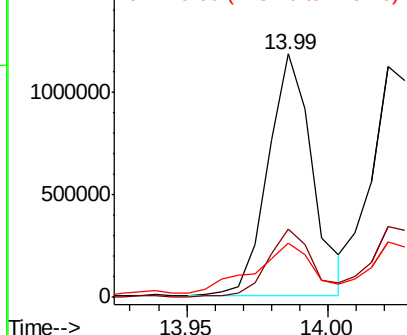
#81
Benzo(a)anthracene
Concen: 41.358 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF114454.D
Acq: 21 May 2019 14:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 1285083
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.2
229 22.1 16.4 24.6

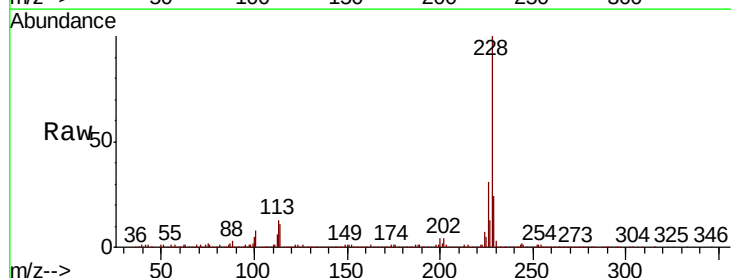


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

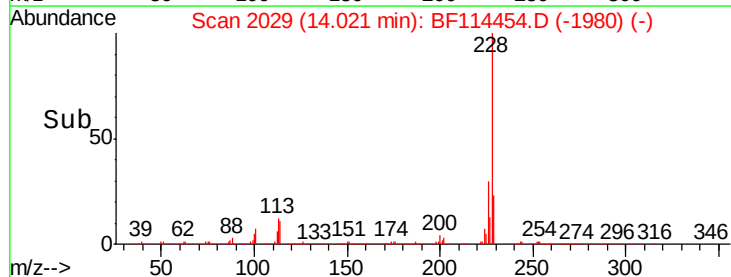
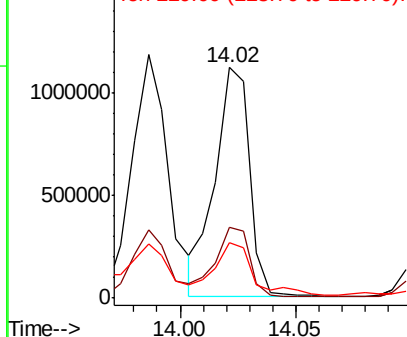


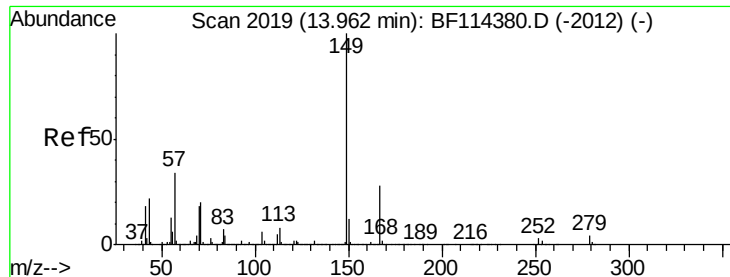
#83
Chrysene
Concen: 38.056 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF114454.D
Acq: 21 May 2019 14:32

Tgt Ion:228 Resp: 1159190
Ion Ratio Lower Upper
228 100
226 30.5 25.0 37.6
229 23.9 17.0 25.6



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.092 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

Instrument :

BNA_E

ClientSampleId :

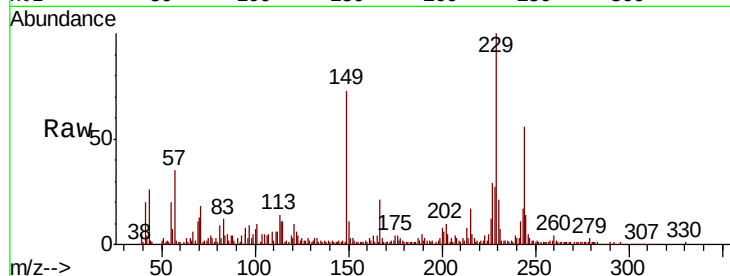
Tot Ion:149 Resp: 65783

Ion Ratio Lower Upper

149 100

167 28.4 22.6 33.8

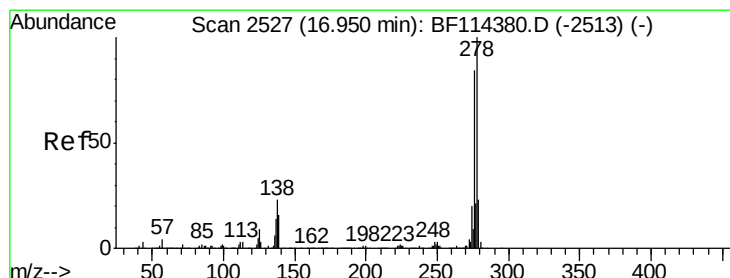
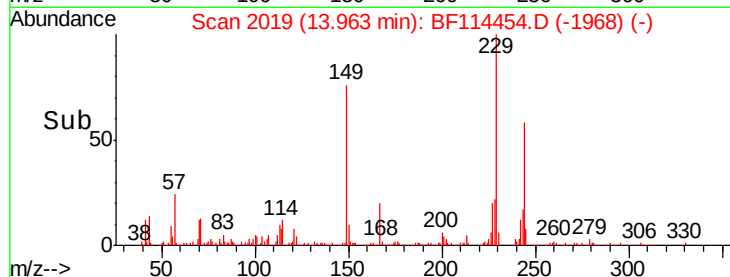
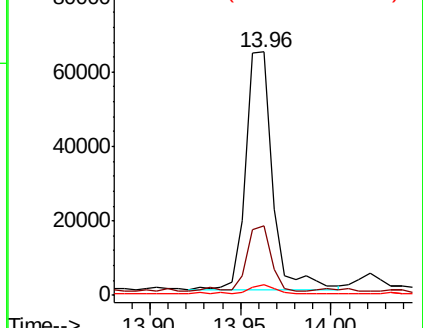
279 4.3 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 19.828 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

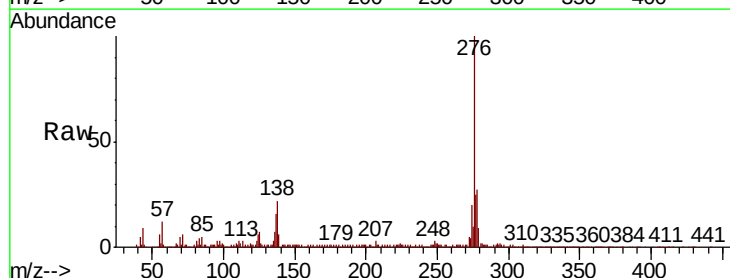
Tgt Ion:276 Resp: 533765

Ion Ratio Lower Upper

276 100

138 21.8 20.2 30.2

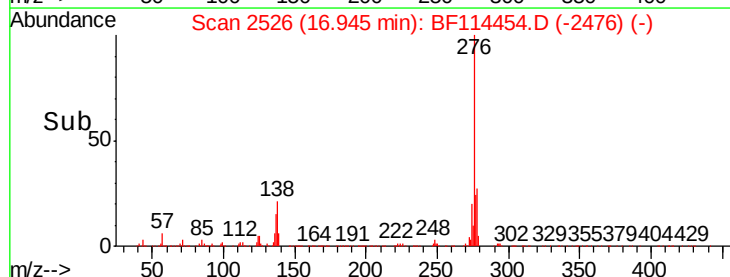
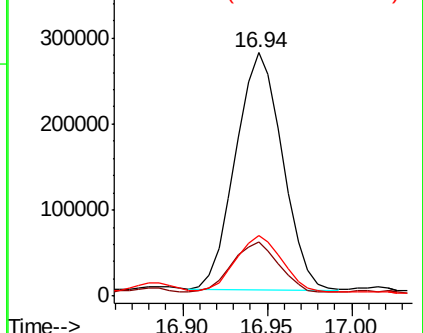
277 23.5 20.0 30.0

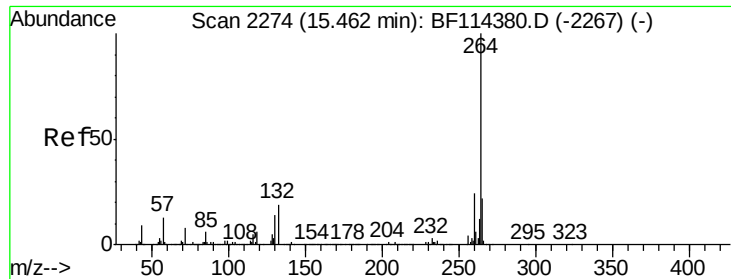


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

Instrument :

BNA_E

ClientSampleId :

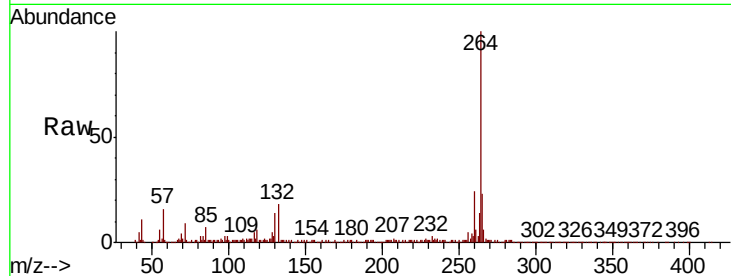
Tot Ion:264 Resp: 569794

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 23.5 16.9 25.3

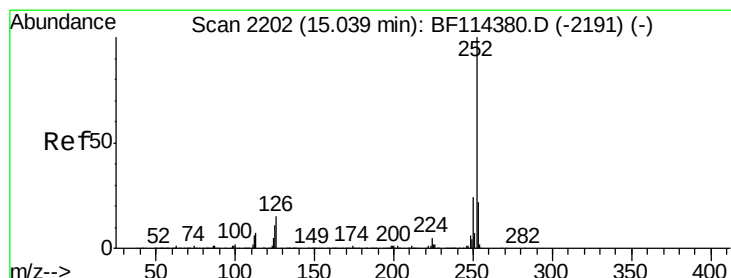
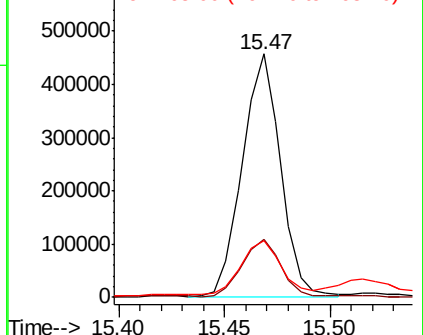
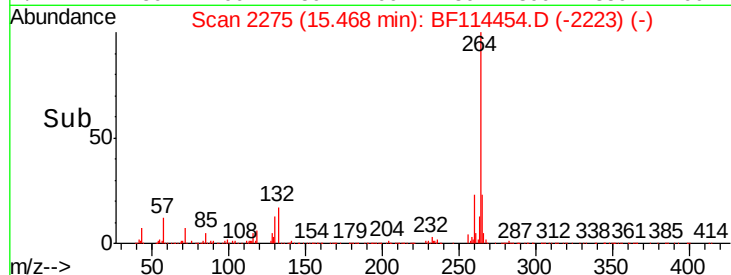


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.412 ng

RT: 15.04 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

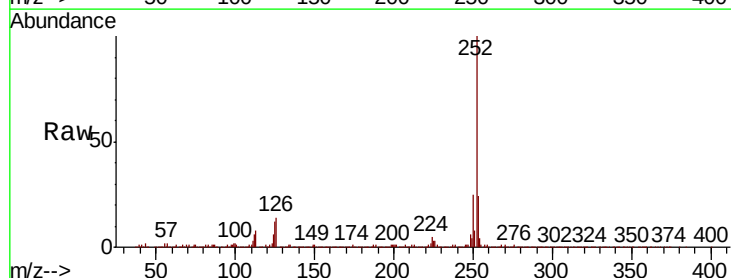
Tgt Ion:252 Resp: 1949782

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.8

125 11.8 8.3 12.5

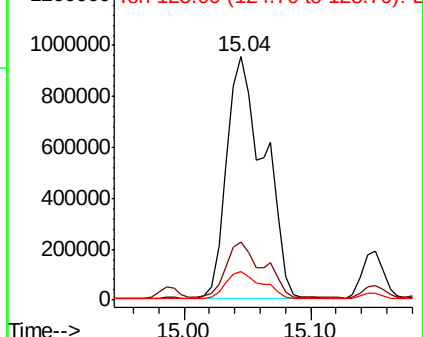
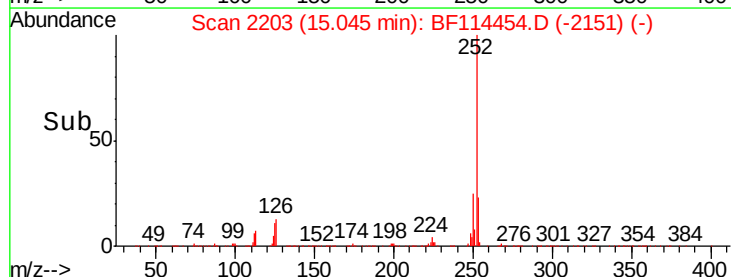


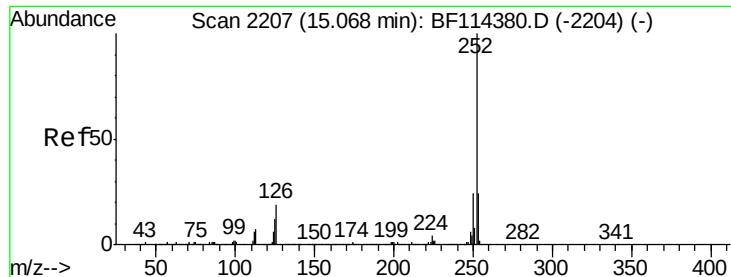
Abundance

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

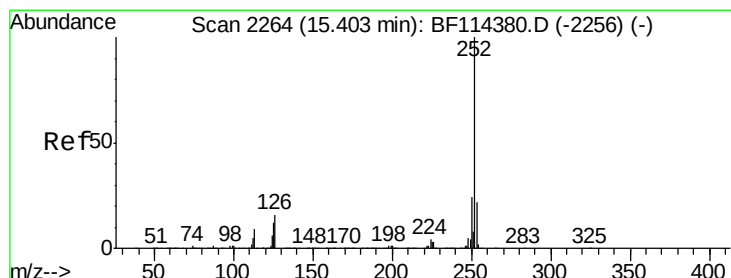
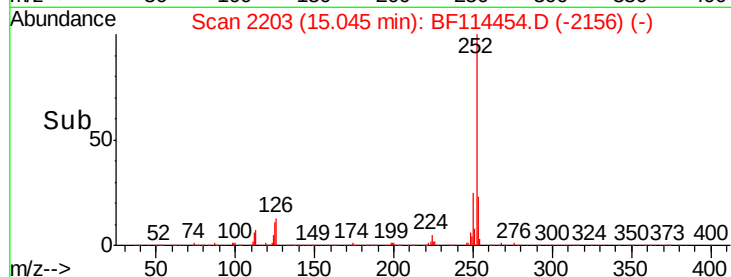
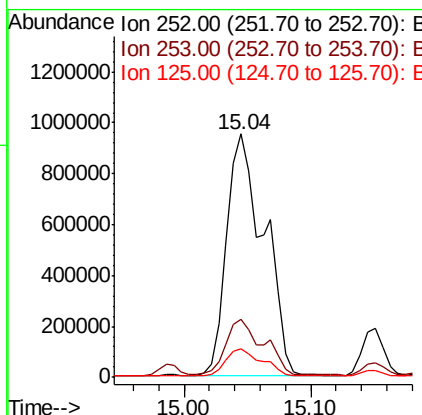
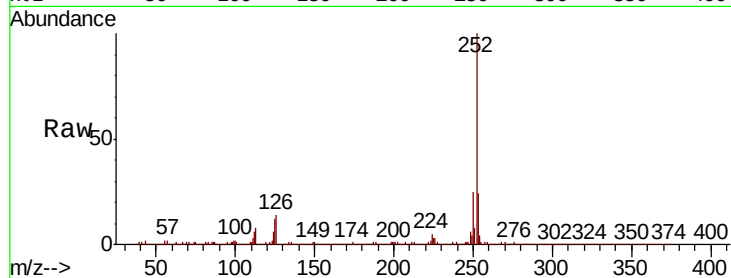




#89
Benzo(k)fluoranthene
Concen: 58.145 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF114454.D
Acq: 21 May 2019 14:32

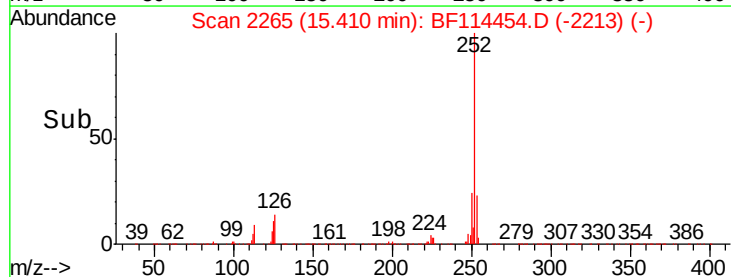
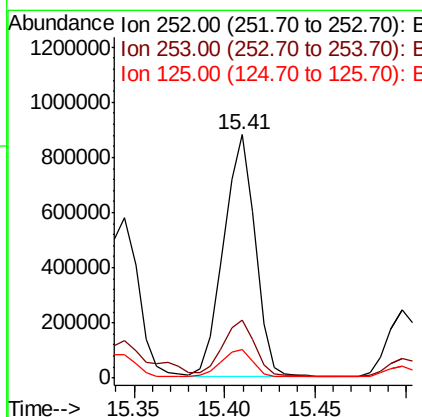
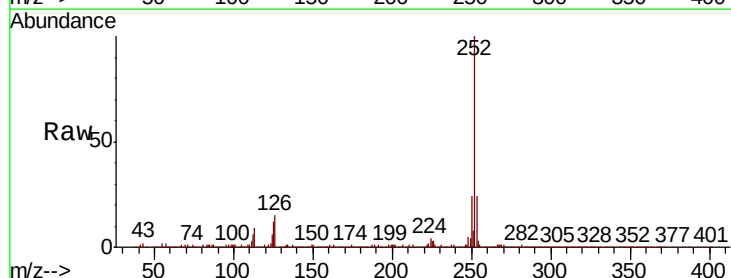
Instrument :
BNA_E
ClientSampleId :

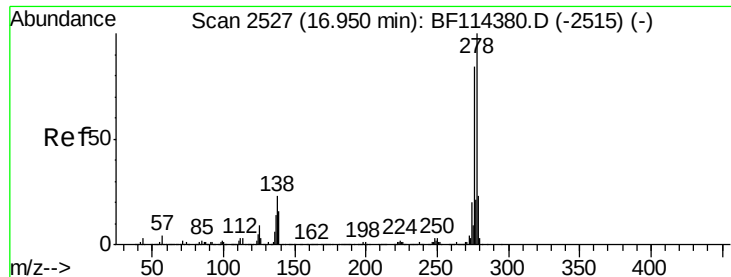
Tot Ion:252 Resp: 1949782
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 11.8 8.6 13.0



#90
Benzo(a)pyrene
Concen: 33.202 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF114454.D
Acq: 21 May 2019 14:32

Tgt Ion:252 Resp: 1066660
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 11.6 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 5.024 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.16 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

Instrument :

BNA_E

ClientSampled :

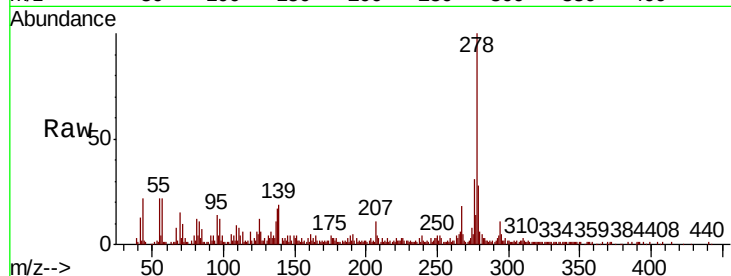
Tot Ion:278 Resp: 134133

Ion Ratio Lower Upper

278 100

139 19.0 13.5 20.3

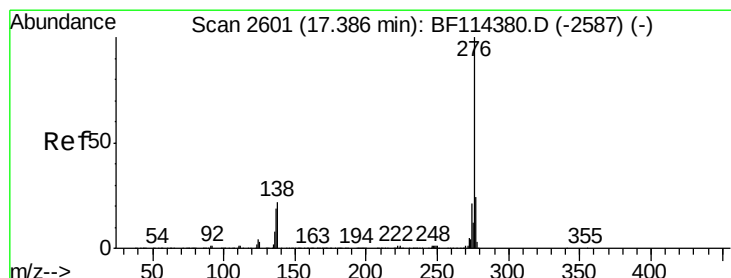
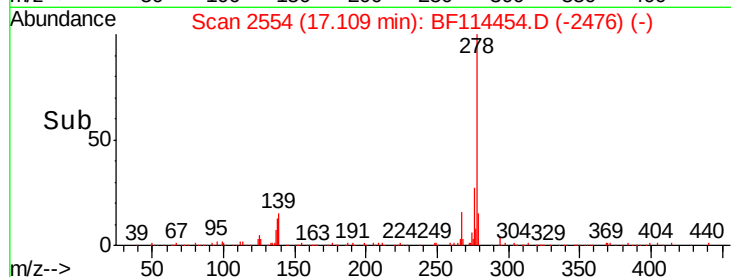
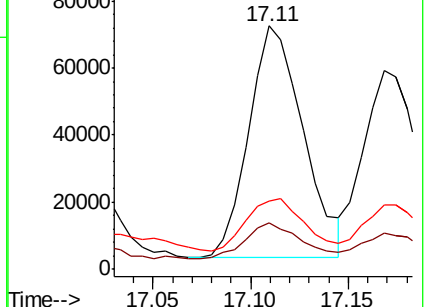
279 28.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 18.223 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BF114454.D

Acq: 21 May 2019 14:32

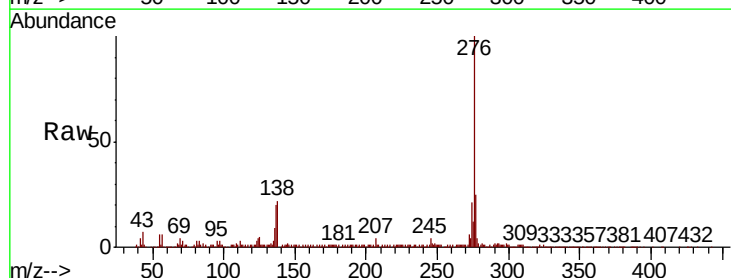
Tgt Ion:276 Resp: 487530

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.4

138 21.9 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

