

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
 Data File : BF115635.D
 Acq On : 17 Jul 2019 21:12
 Operator : HP/JU
 Sample : K3852-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2_071619

Quant Time: Jul 18 04:48:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	202201	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	778863	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	298041	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	479066	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	319263	20.00	ng	-0.01
87) Perylene-d12	15.50	264	343776	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1108046	89.64	ng	0.00
7) Phenol-d6	6.52	99	1440969	91.87	ng	0.00
23) Nitrobenzene-d5	7.44	82	909612	67.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	283466	81.48	ng	-0.02
45) 2-Fluorobiphenyl	9.24	172	1321603	77.61	ng	-0.01
79) Terphenyl-d14	12.98	244	1036473	59.90	ng	-0.02

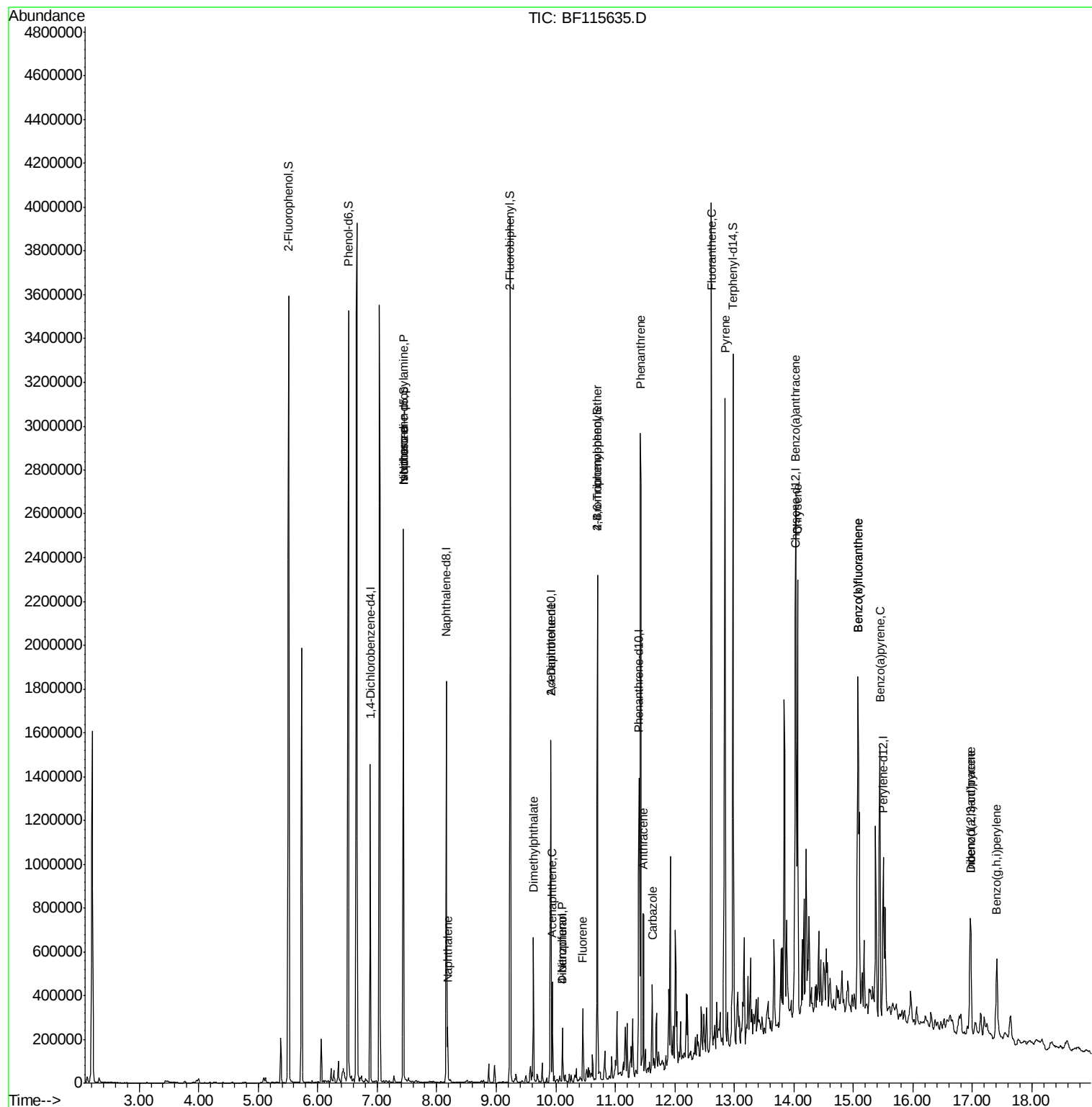
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.44	70	121113	11.839	ng	# 78
25) Isophorone	7.44	82	899323	33.553	ng	# 64
31) Naphthalene	8.18	128	99875	2.648	ng	94
50) Dimethylphthalate	9.62	163	249212	11.114	ng	99
52) Acenaphthene	9.95	154	88553	4.771	ng	98
55) Dibenzofuran	10.12	168	75007	2.846	ng	96
56) 4-Nitrophenol	10.12	139	26771	6.029	ng	# 12
57) 2,4-Dinitrotoluene	9.92	165	39834	6.034	ng	# 24
58) Fluorene	10.46	166	85813	4.554	ng	97
67) 4-Bromophenyl-phenylether	10.70	248	17388	3.176	ng	# 1
71) Phenanthrene	11.42	178	1165077	47.445	ng	97
72) Anthracene	11.47	178	297536	11.724	ng	98
73) Carbazole	11.62	167	151032	6.787	ng	97
75) Fluoranthene	12.62	202	1569965	60.500	ng	98
78) Pyrene	12.84	202	1362178	50.359	ng	98
81) Benzo(a)anthracene	14.03	228	803168	38.186	ng	98
83) Chrysene	14.06	228	741529	35.120	ng	96
86) Indeno(1,2,3-cd)pyrene	16.97	276	367669	20.496	ng	94
88) Benzo(b)fluoranthene	15.07	252	1266201	57.200	ng	99
89) Benzo(k)fluoranthene	15.07	252	1266201	64.158	ng	99
90) Benzo(a)pyrene	15.44	252	636041	33.430	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	98825	5.917	ng	94
92) Benzo(g,h,i)perylene	17.41	276	308797	18.537	ng	99

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

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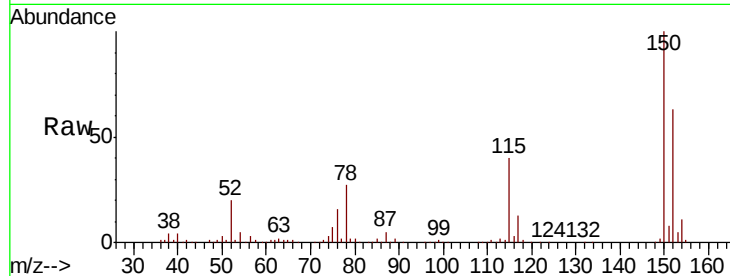




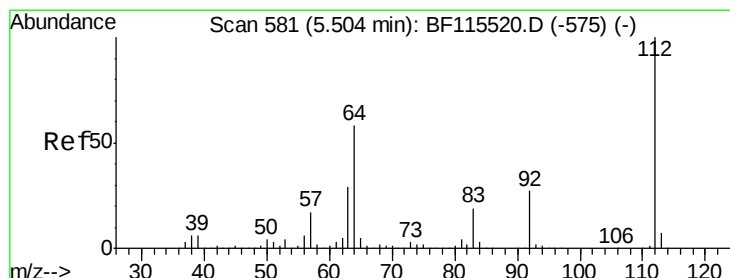
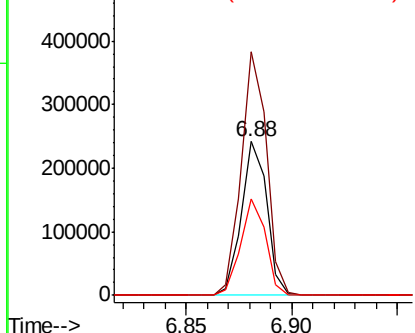
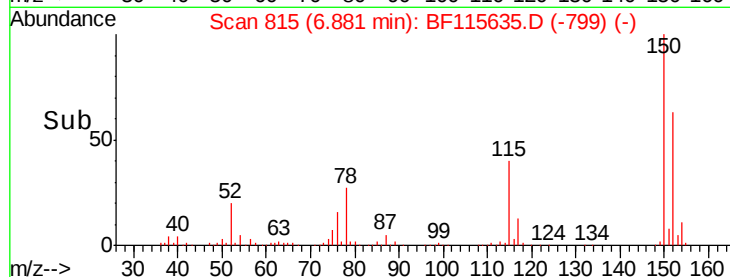
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF115635.D
 Acq: 17 Jul 2019 21:12

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2_071619

Tgt Ion:152 Resp: 202201
 Ion Ratio Lower Upper
 152 100
 150 158.3 129.7 194.5
 115 62.7 48.2 72.4

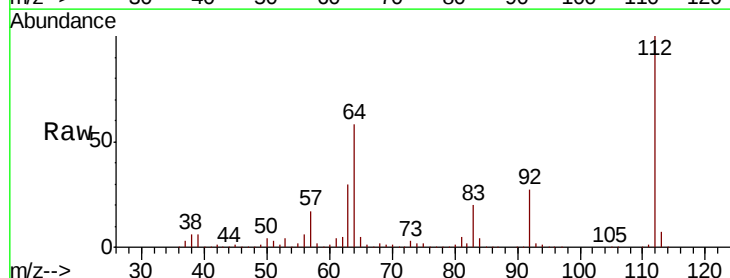


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

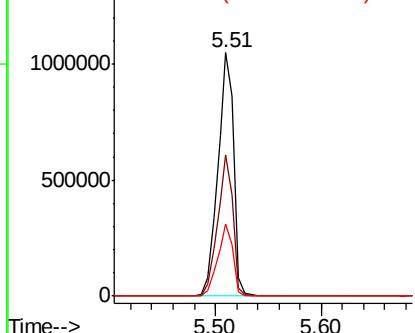
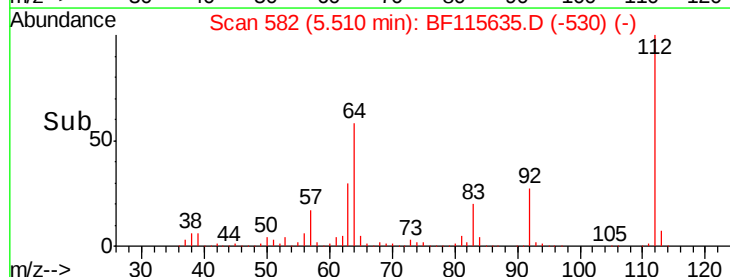


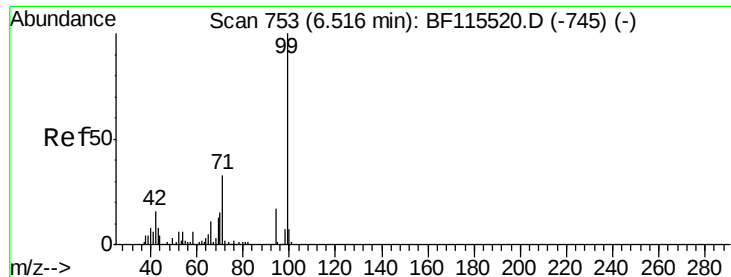
#5
 2-Fluorophenol
 Concen: 89.636 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF115635.D
 Acq: 17 Jul 2019 21:12

Tgt Ion:112 Resp: 1108046
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.8 70.2
 63 29.7 24.1 36.1



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: 91.866 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

Instrument :

BNA_F

ClientSampleId :

COMP-2_071619

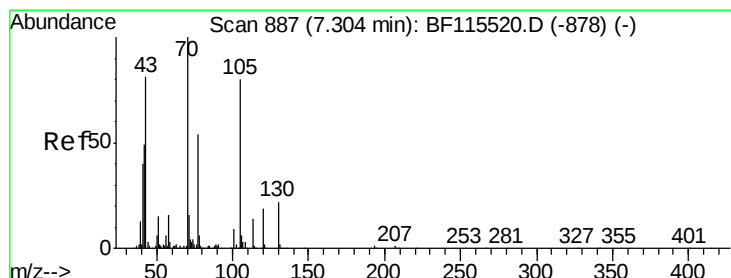
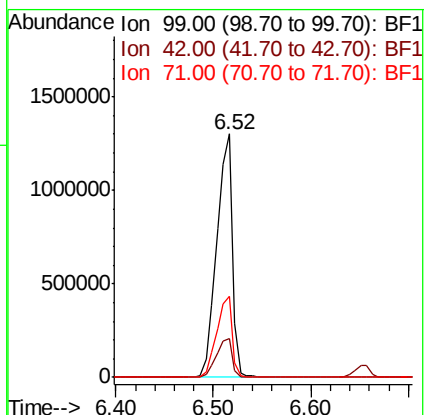
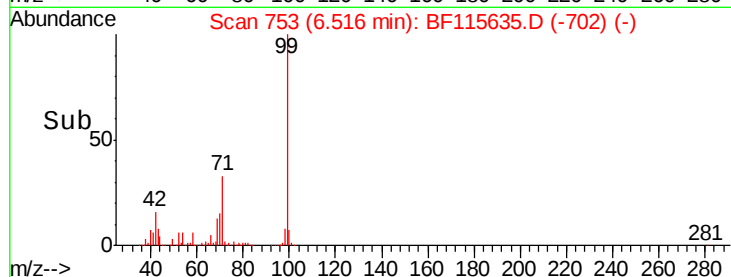
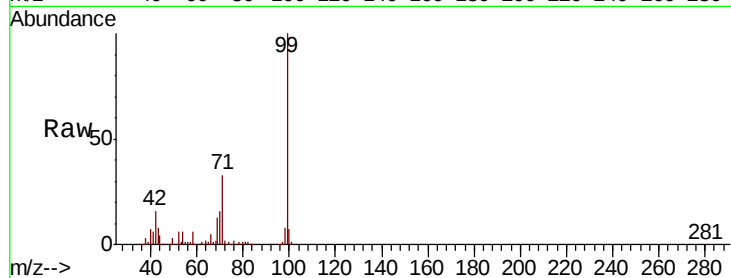
Tgt Ion: 99 Resp: 1440969

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

71 33.5 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.839 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

Tgt Ion: 70 Resp: 121113

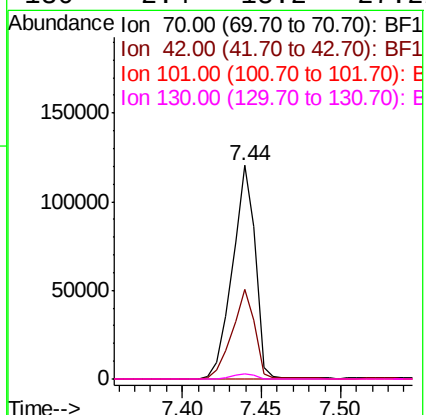
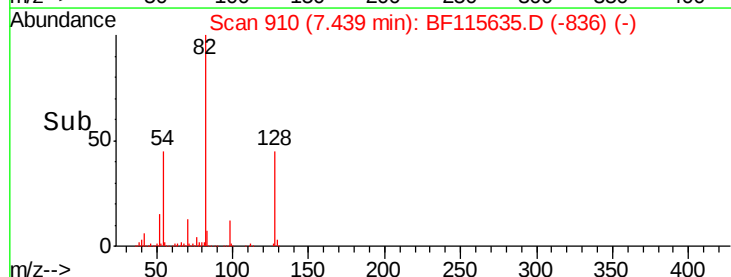
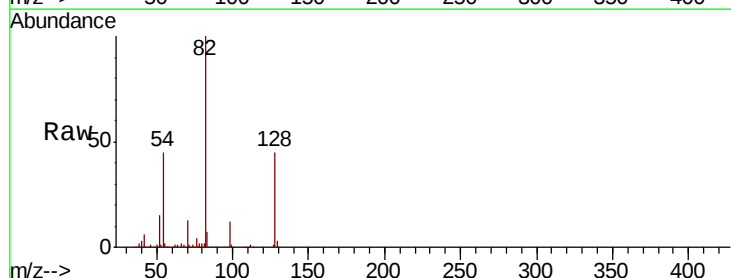
Ion Ratio Lower Upper

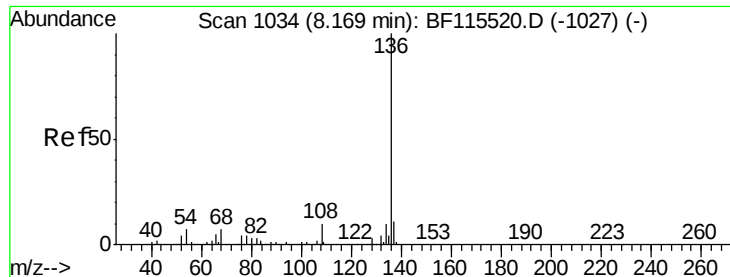
70 100

42 41.9 39.6 59.4

101 0.0 8.1 12.1#

130 2.4 18.2 27.2#

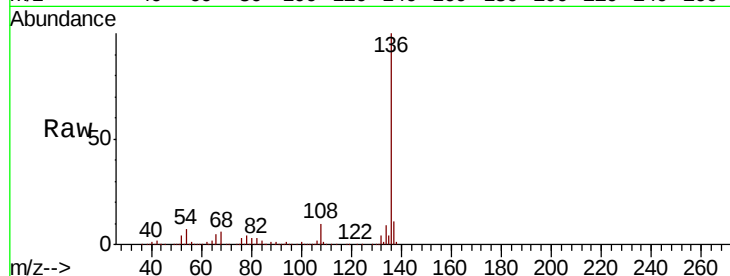




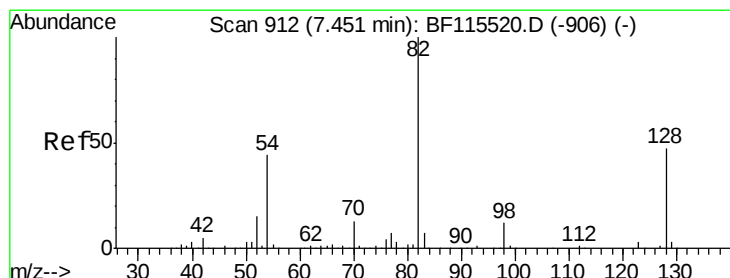
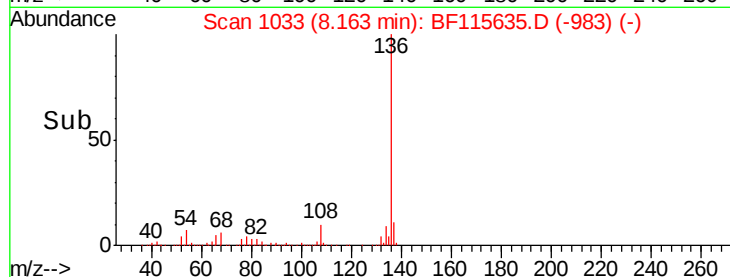
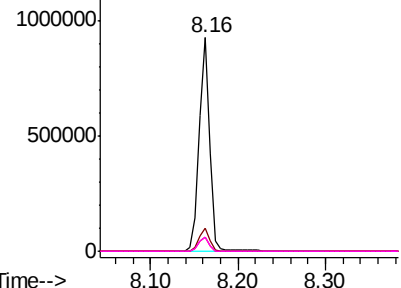
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115635.D
Acq: 17 Jul 2019 21:12

Instrument :
BNA_F
ClientSampleId :
COMP-2_071619

Tgt Ion:	136	Resp:	778863
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.9	5.6	8.4
68	6.4	5.0	7.6

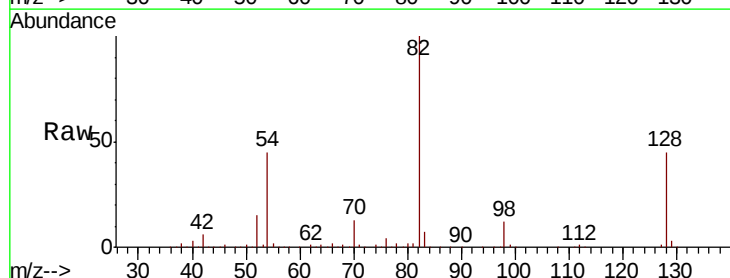


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

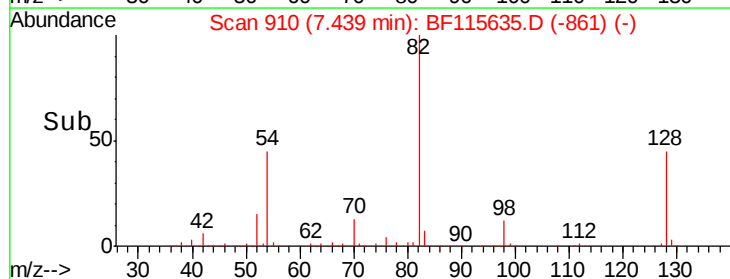
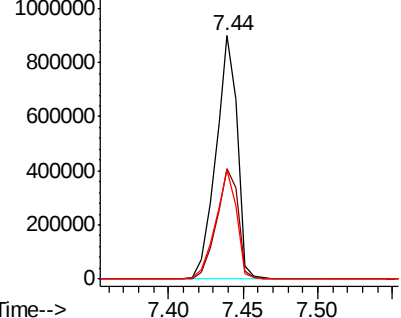


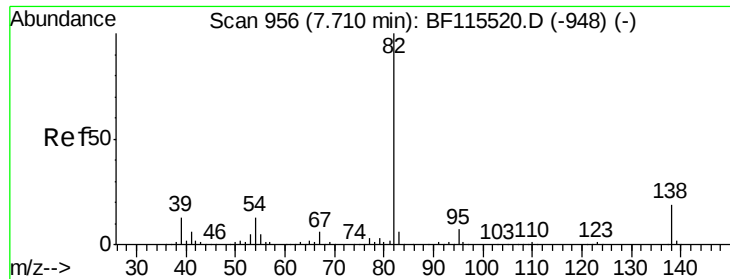
#23
Nitrobenzene-d5
Concen: 67.908 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115635.D
Acq: 17 Jul 2019 21:12

Tgt Ion:	82	Resp:	909612
Ion	Ratio	Lower	Upper
82	100		
128	45.1	38.6	57.8
54	44.7	35.6	53.4



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: 33.553 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

Instrument :

BNA_F

ClientSampleId :

COMP-2_071619

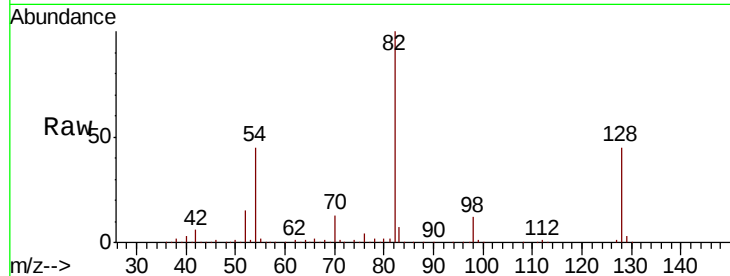
Tgt Ion: 82 Resp: 899323

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

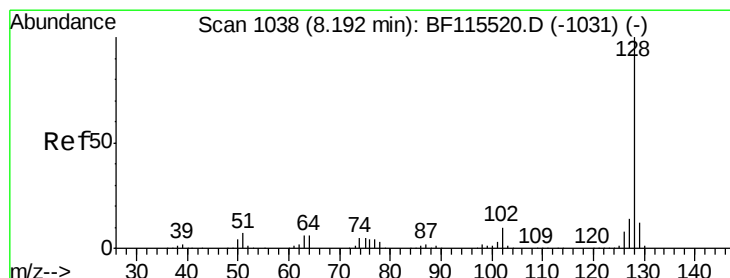
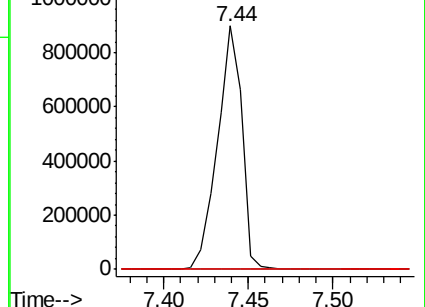
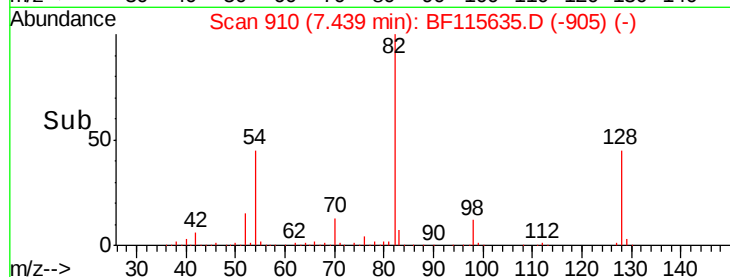
138 0.0 14.9 22.3#



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: 2.648 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

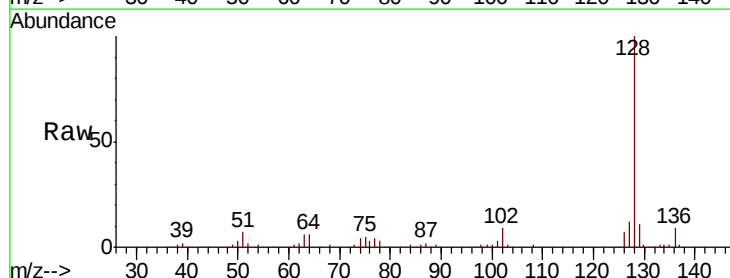
Tgt Ion: 128 Resp: 99875

Ion Ratio Lower Upper

128 100

129 10.7 9.9 14.9

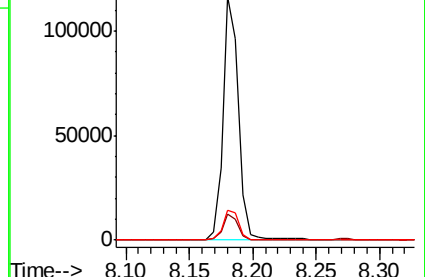
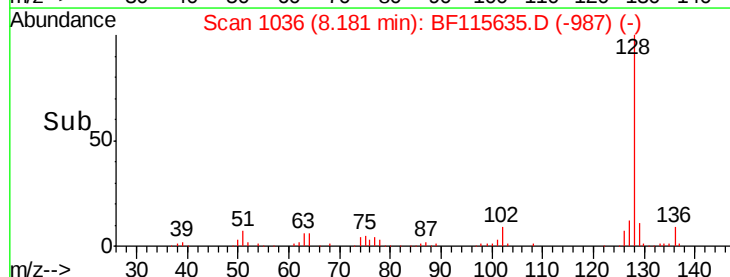
127 12.2 12.1 18.1

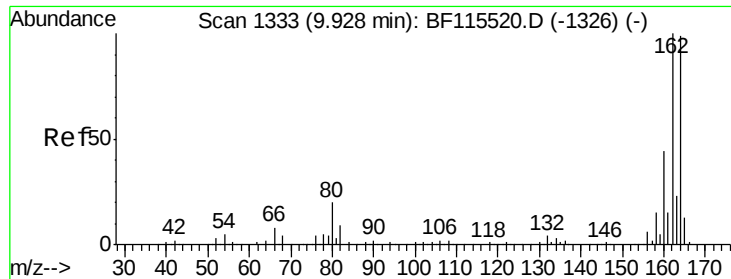


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

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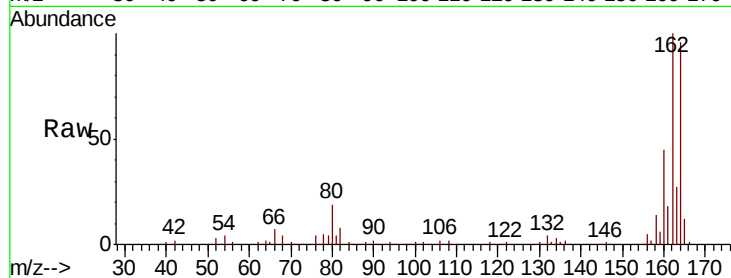
Tgt Ion:164 Resp: 298041

Ion Ratio Lower Upper

164 100

162 103.8 82.9 124.3

160 46.5 36.8 55.2

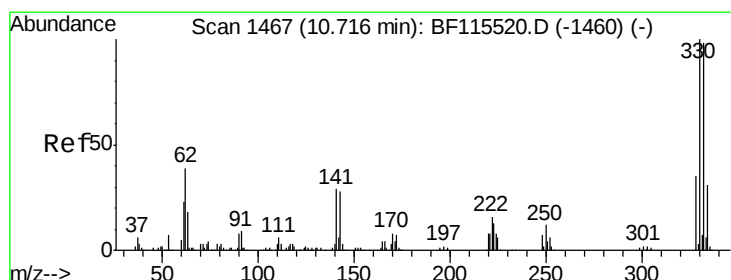
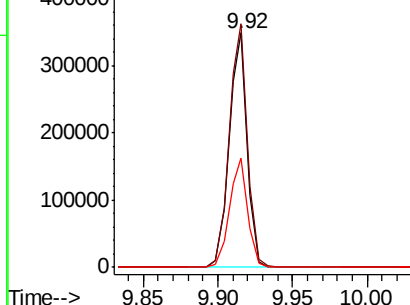
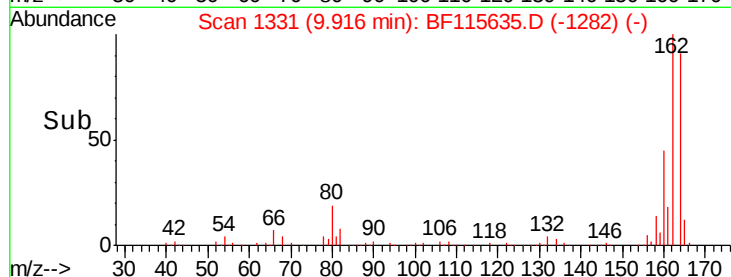


Abundance

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: 81.482 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

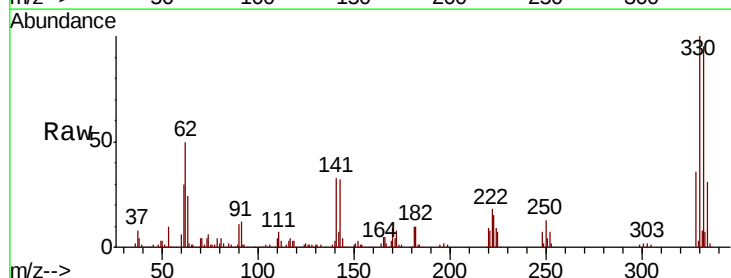
Tgt Ion:330 Resp: 283466

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

141 31.2 22.4 33.6

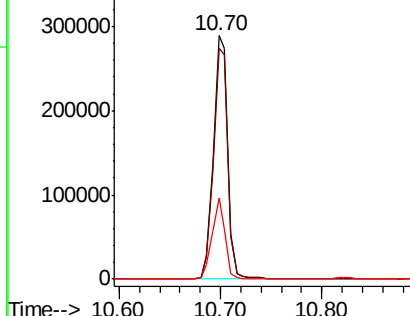
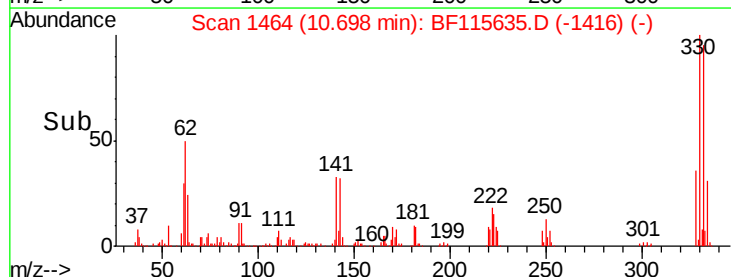


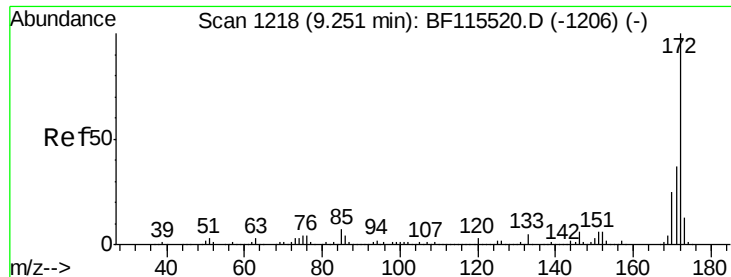
Abundance

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

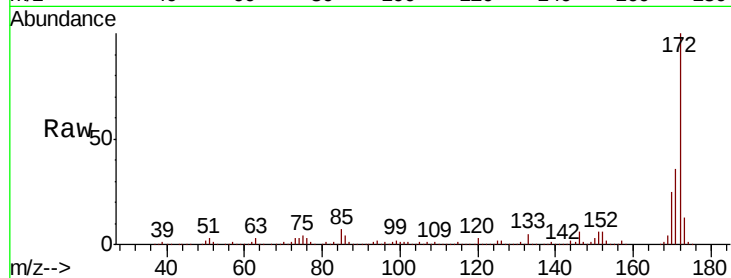




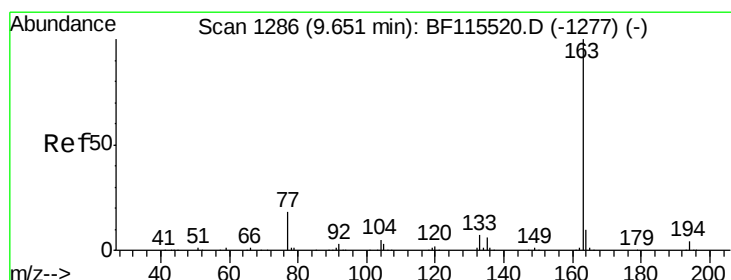
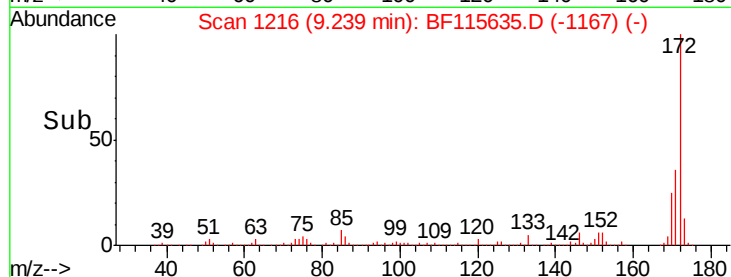
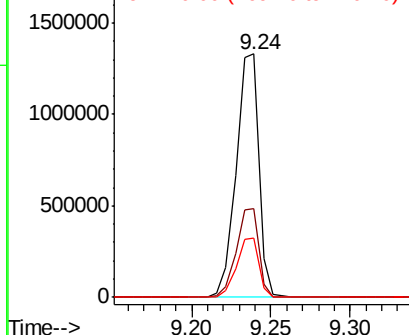
#45
2-Fluorobiphenyl
Concen: 77.613 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115635.D
Acq: 17 Jul 2019 21:12

Instrument :
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Tgt Ion:172 Resp: 1321603
Ion Ratio Lower Upper
172 100
171 36.4 30.6 46.0
170 24.5 20.5 30.7

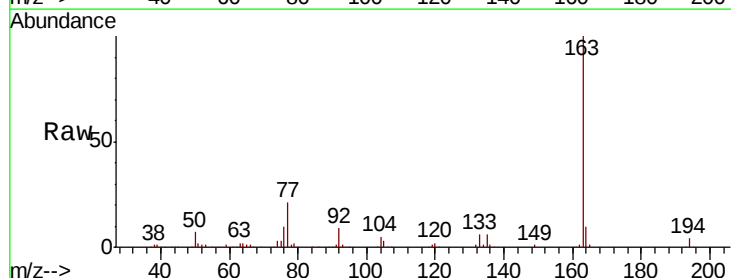


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

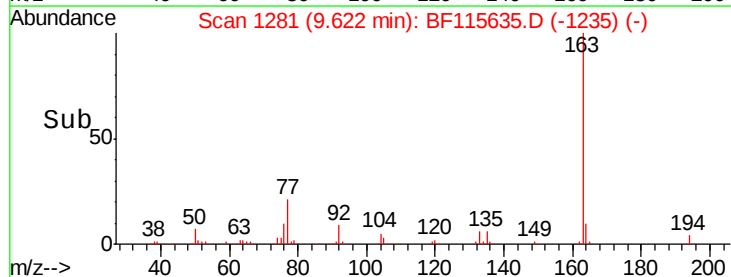
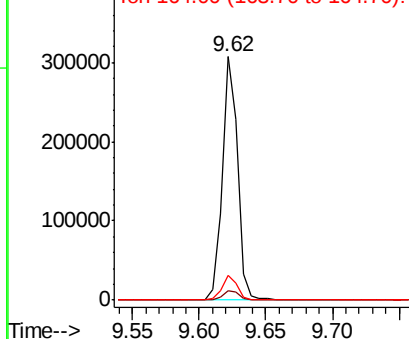


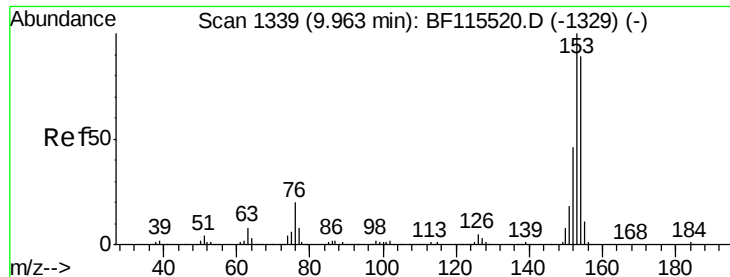
#50
Dimethylphthalate
Concen: 11.114 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115635.D
Acq: 17 Jul 2019 21:12

Tgt Ion:163 Resp: 249212
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.4 8.7 13.1



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





#52

Acenaphthene

Concen: 4.771 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

Instrument :

BNA_F

ClientSampleId :

COMP-2_071619

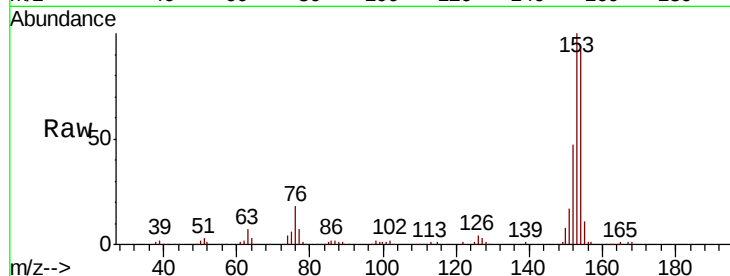
Tgt Ion:154 Resp: 88553

Ion Ratio Lower Upper

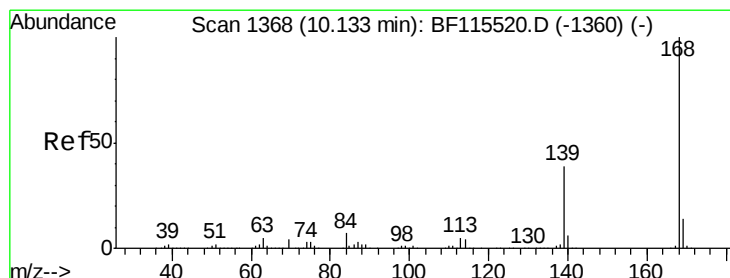
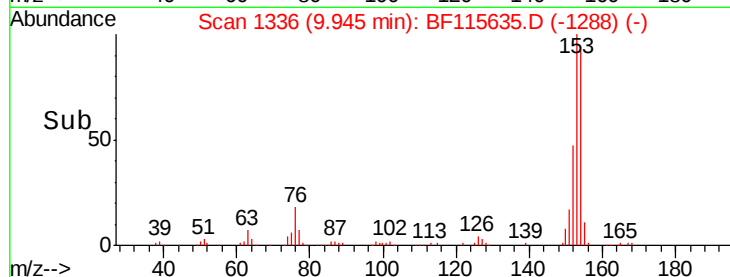
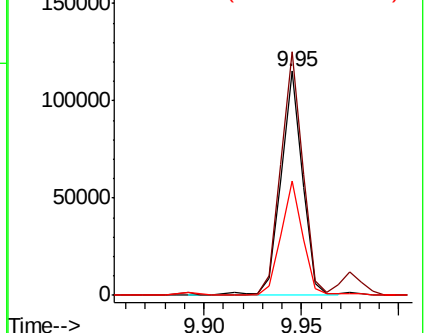
154 100

153 108.7 88.6 133.0

152 50.9 42.3 63.5



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



#55

Dibenzofuran

Concen: 2.846 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.02 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

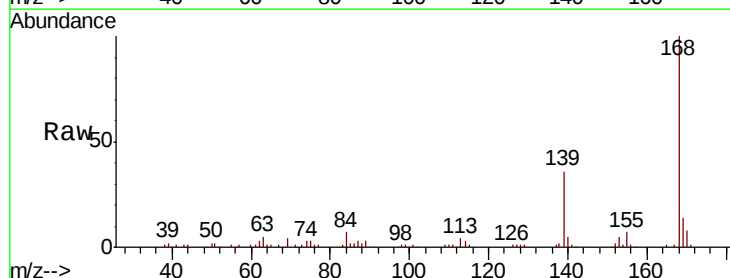
Tgt Ion:168 Resp: 75007

Ion Ratio Lower Upper

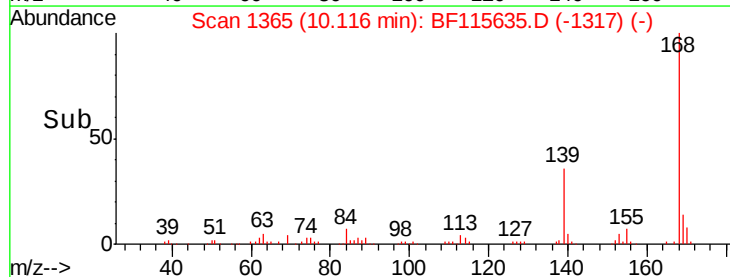
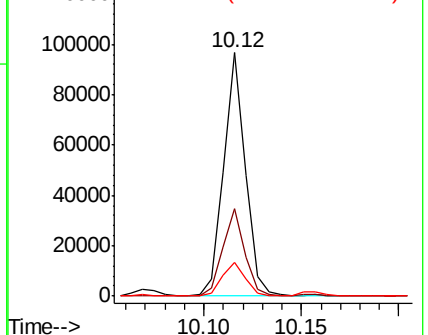
168 100

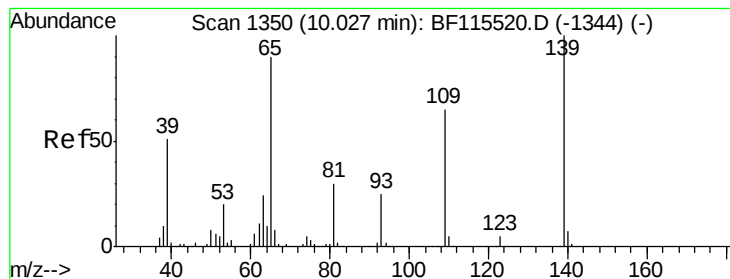
139 35.7 31.1 46.7

169 13.9 11.1 16.7



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: 6.029 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.09 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

Instrument :

BNA_F

ClientSampleId :

COMP-2_071619

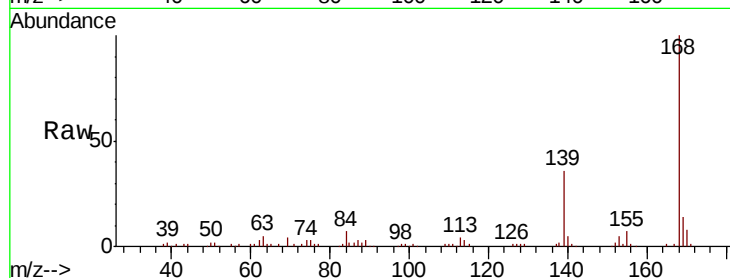
Tgt Ion:139 Resp: 26771

Ion Ratio Lower Upper

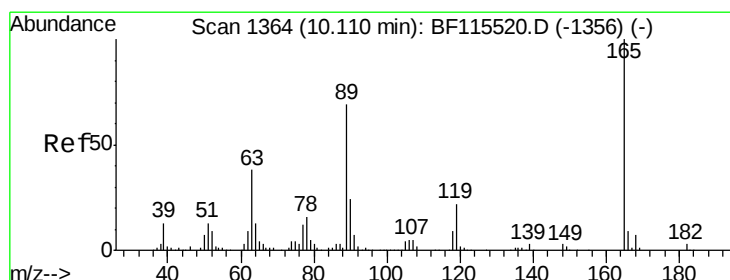
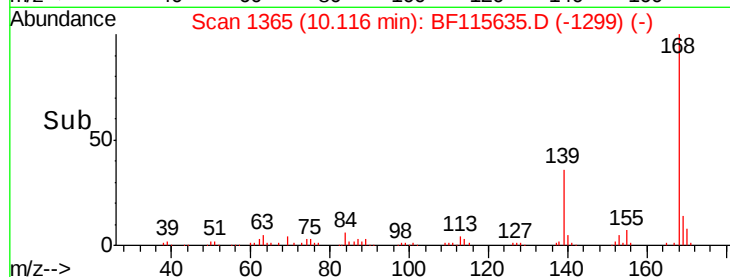
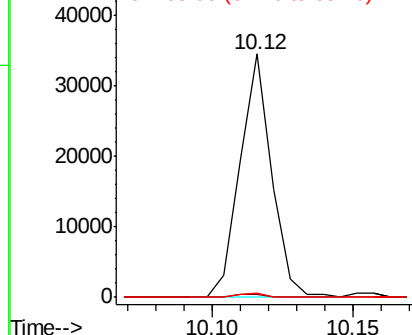
139 100

109 1.4 46.4 86.4#

65 1.7 68.9 108.9#



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



#57

2,4-Dinitrotoluene

Concen: 6.034 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

Tgt Ion:165 Resp: 39834

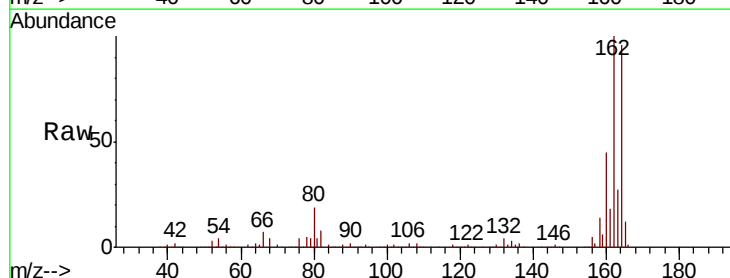
Ion Ratio Lower Upper

165 100

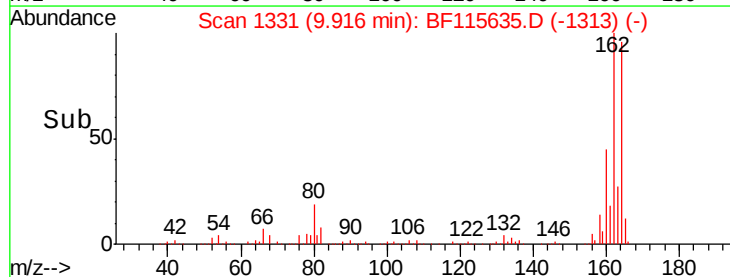
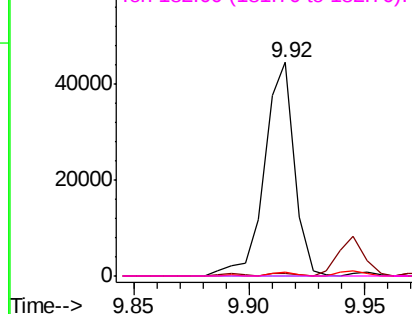
63 0.9 34.9 52.3#

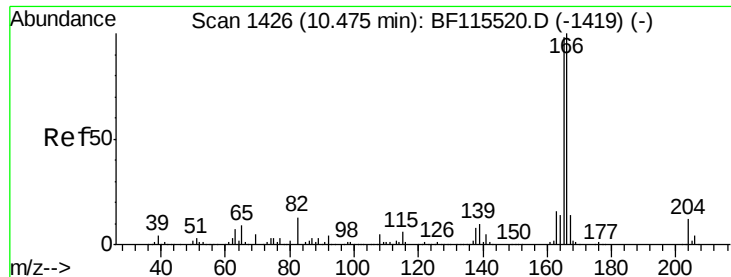
89 1.7 57.5 86.3#

182 0.0 2.2 3.4#



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
Ion 182.00 (181.70 to 182.70): E

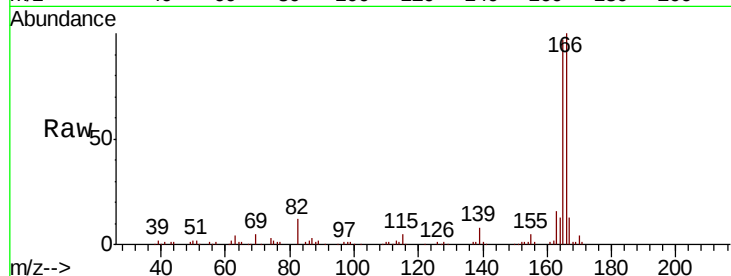




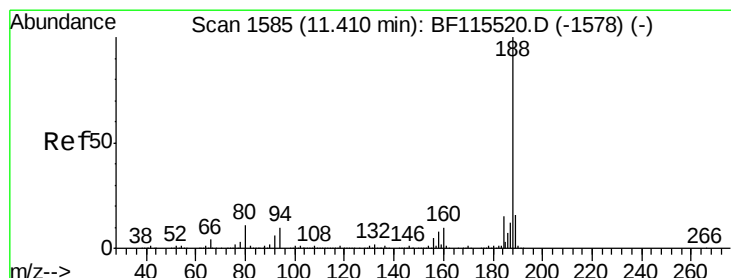
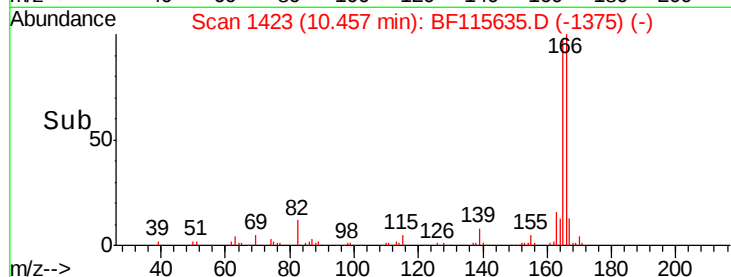
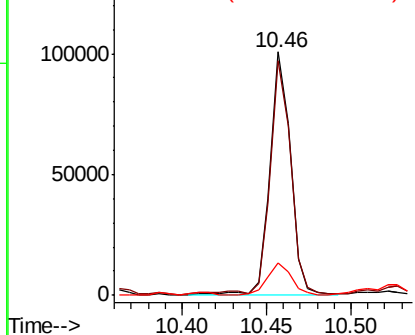
#58
 Fluorene
 Concen: 4.554 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BF115635.D
 Acq: 17 Jul 2019 21:12

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2_071619

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.8	119.6
167	13.5	11.2	16.8

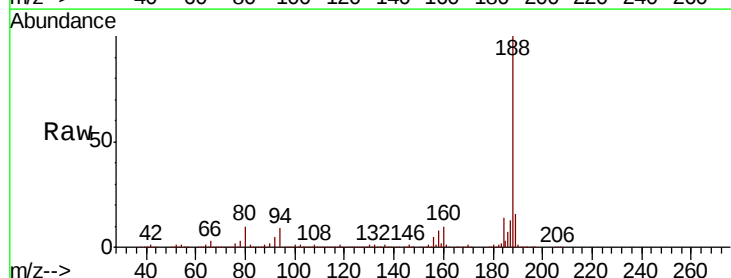


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

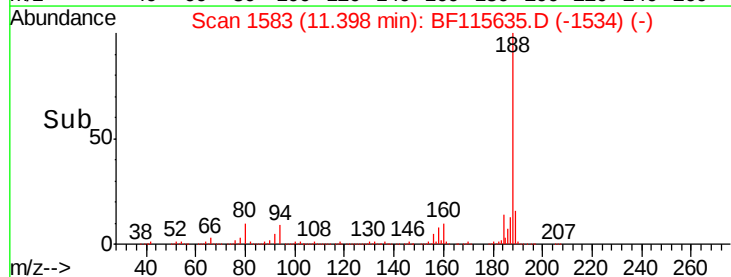
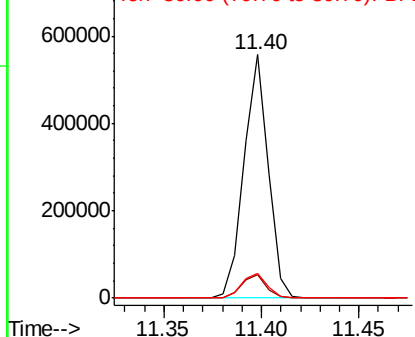


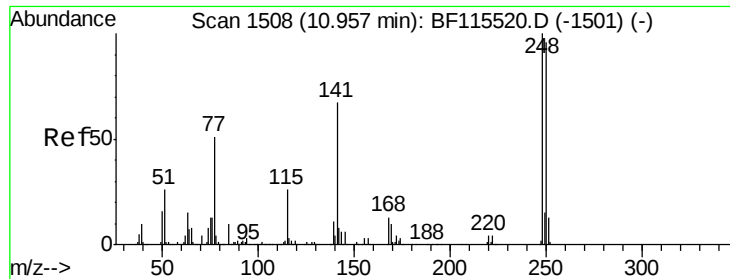
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF115635.D
 Acq: 17 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.6
80	10.0	8.6	13.0



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

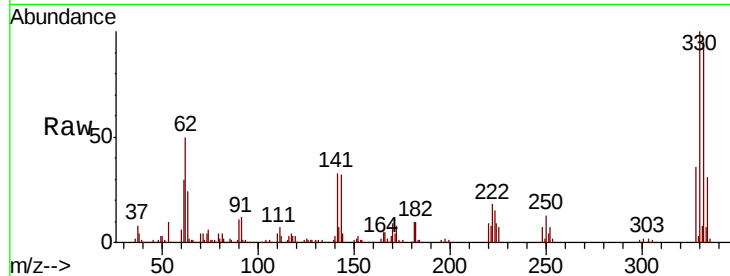




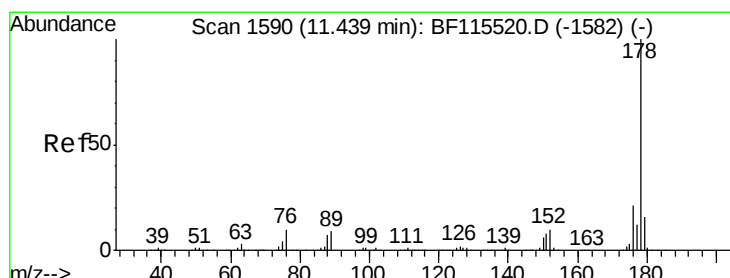
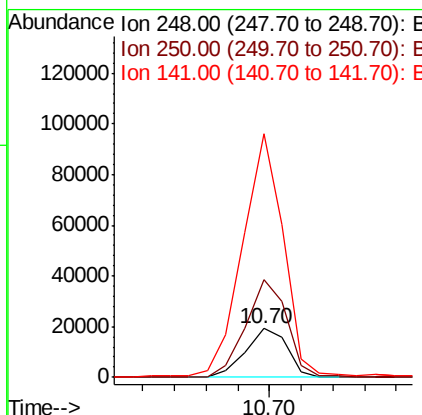
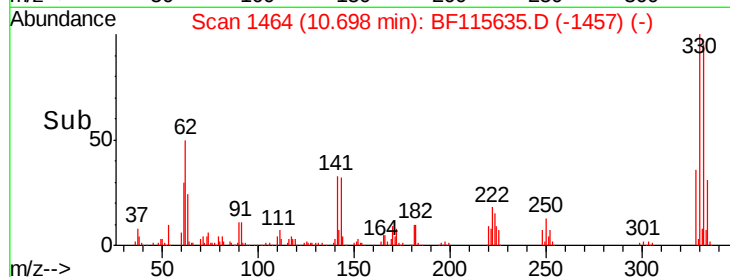
#67
 4-Bromophenyl-phenylether
 Concen: 3.176 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.26 min
 Lab File: BF115635.D
 Acq: 17 Jul 2019 21:12

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2_071619

Tgt Ion: 248 Resp: 17388
 Ion Ratio Lower Upper
 248 100
 250 200.8 78.0 117.0#
 141 499.3 57.7 86.5#

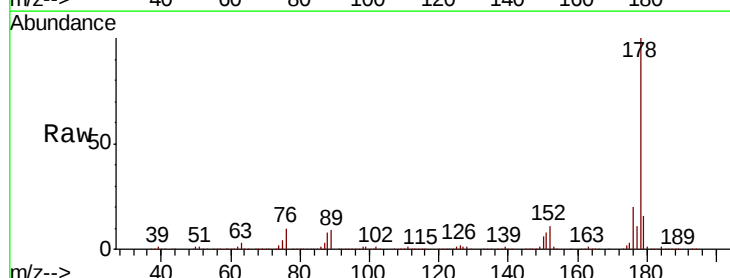


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

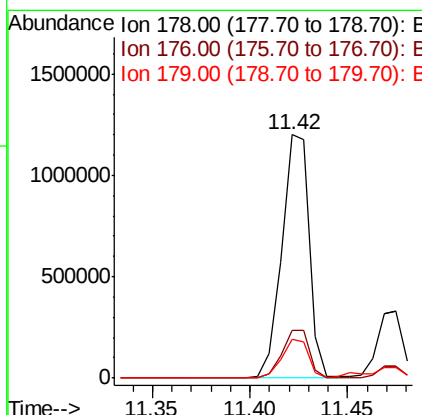
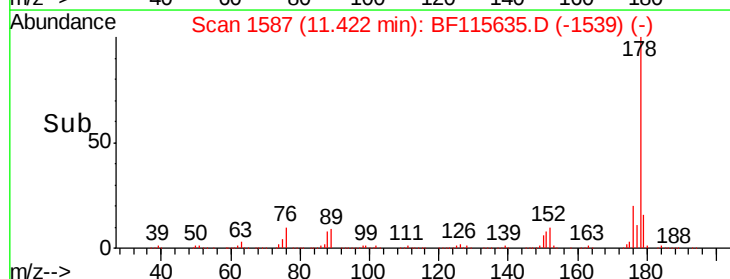


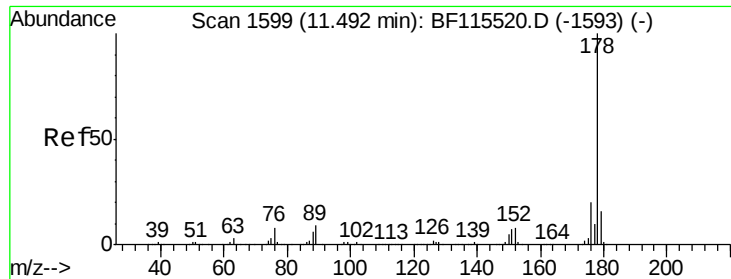
#71
 Phenanthrene
 Concen: 47.445 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.02 min
 Lab File: BF115635.D
 Acq: 17 Jul 2019 21:12

Tgt Ion: 178 Resp: 1165077
 Ion Ratio Lower Upper
 178 100
 176 19.7 17.2 25.8
 179 15.8 13.5 20.3



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: 11.724 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

Instrument :

BNA_F

ClientSampleId :

COMP-2_071619

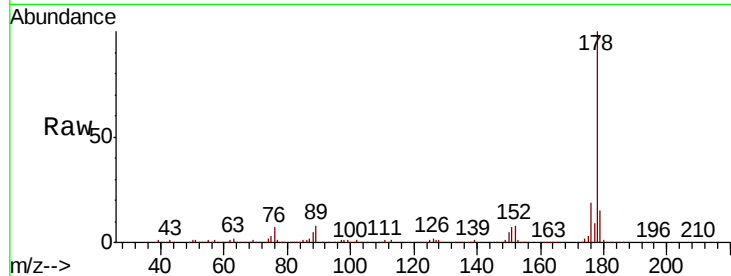
Tgt Ion:178 Resp: 297536

Ion Ratio Lower Upper

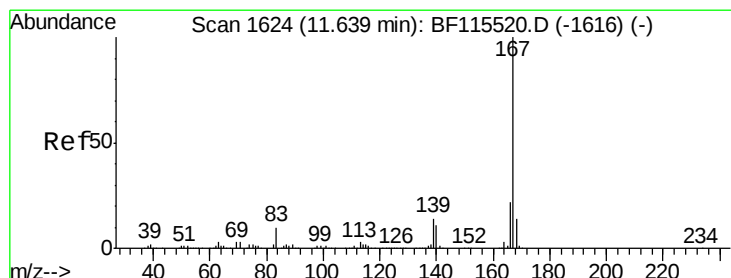
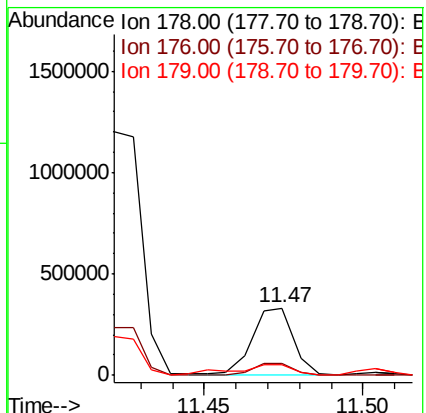
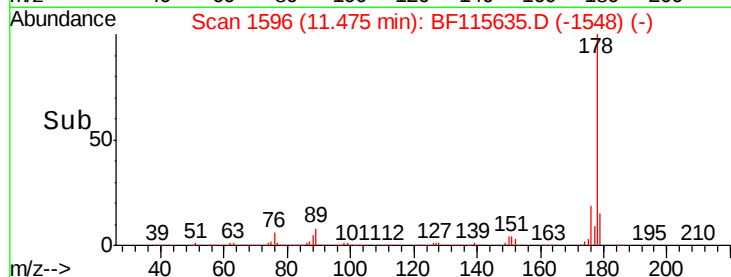
178 100

176 18.7 15.9 23.9

179 15.3 12.7 19.1



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: 6.787 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

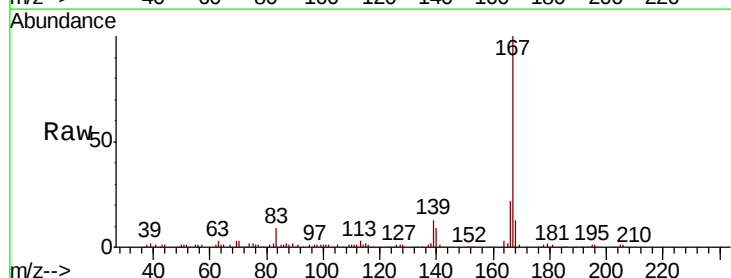
Tgt Ion:167 Resp: 151032

Ion Ratio Lower Upper

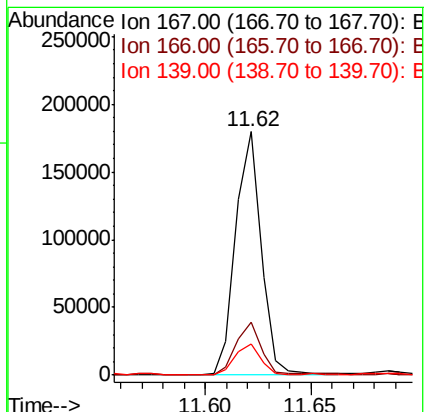
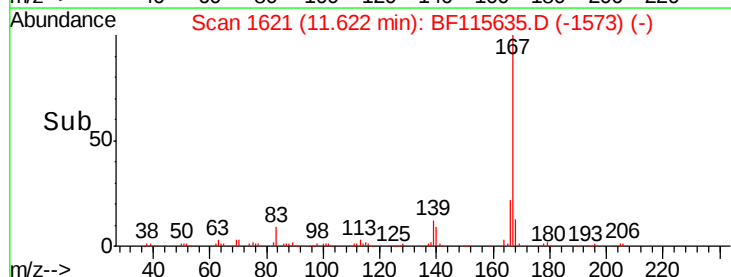
167 100

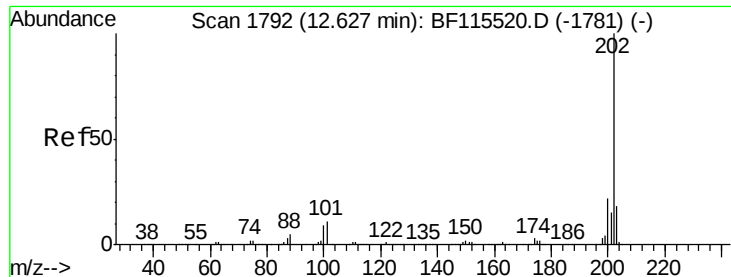
166 21.7 18.1 27.1

139 12.7 11.3 16.9



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: 60.500 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

Instrument :

BNA_F

ClientSampleId :

COMP-2_071619

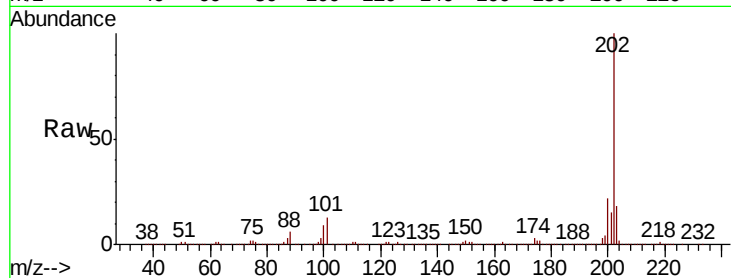
Tgt Ion:202 Resp: 1569965

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.4

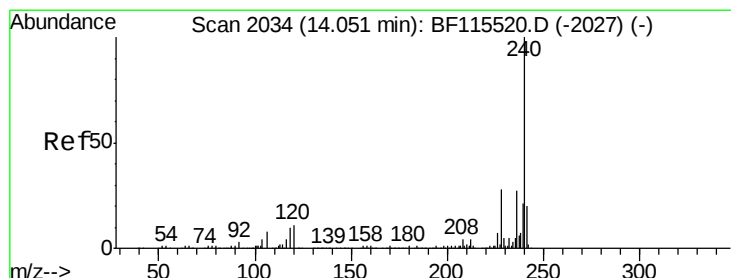
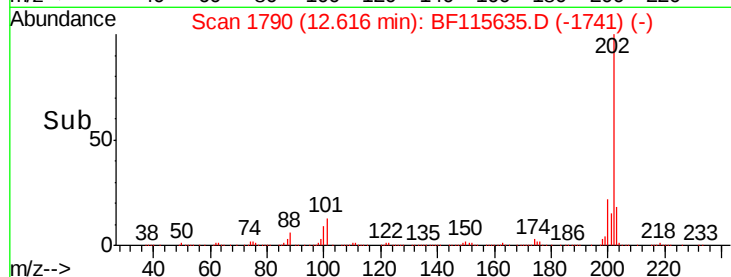
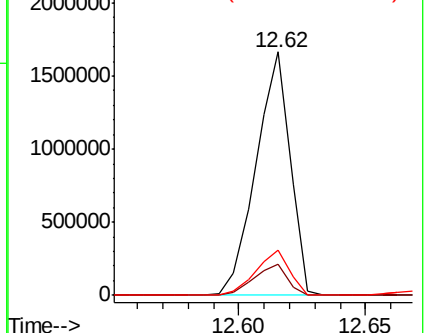
203 18.4 0.0 38.1



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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

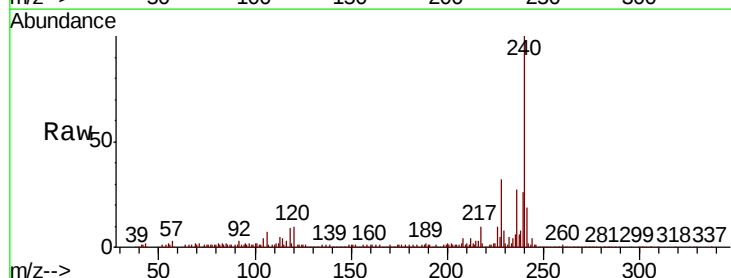
Tgt Ion:240 Resp: 319263

Ion Ratio Lower Upper

240 100

120 9.5 8.6 13.0

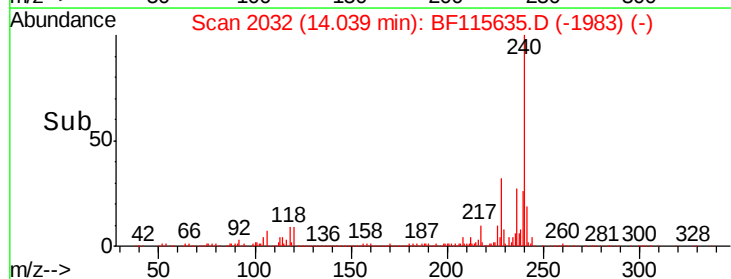
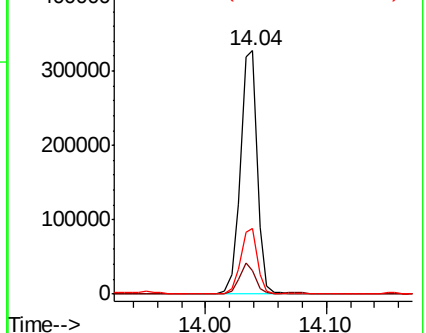
236 27.1 21.3 31.9

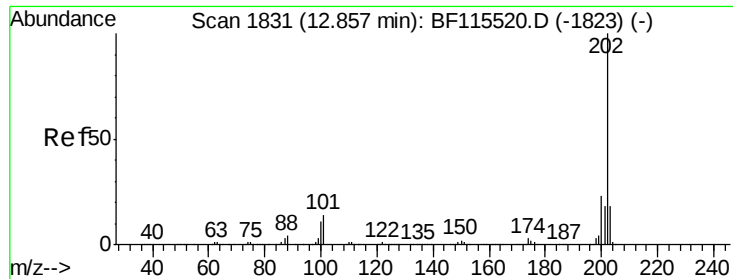


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

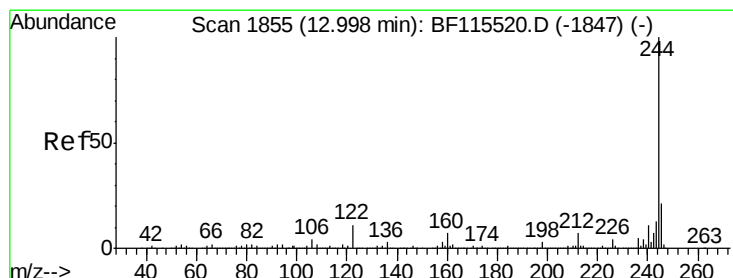
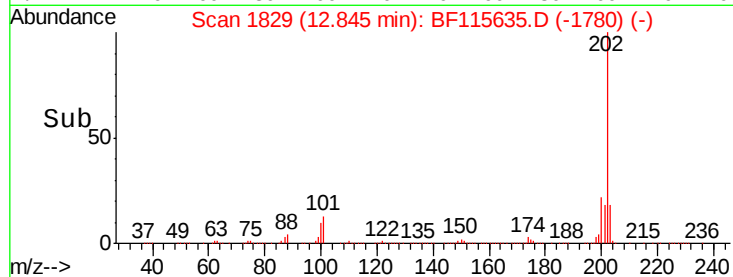
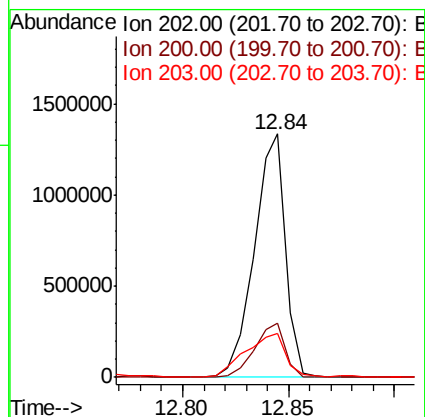
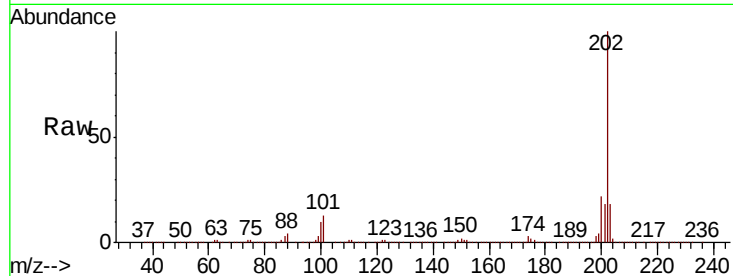




#78
Pyrene
Concen: 50.359 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115635.D
Acq: 17 Jul 2019 21:12

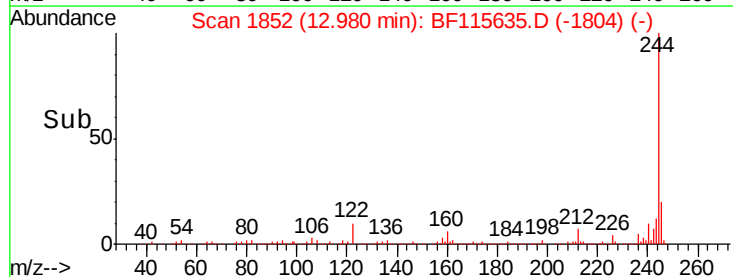
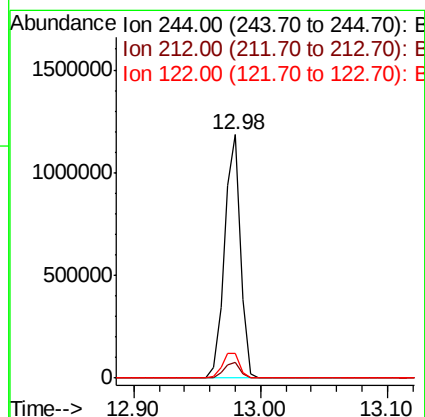
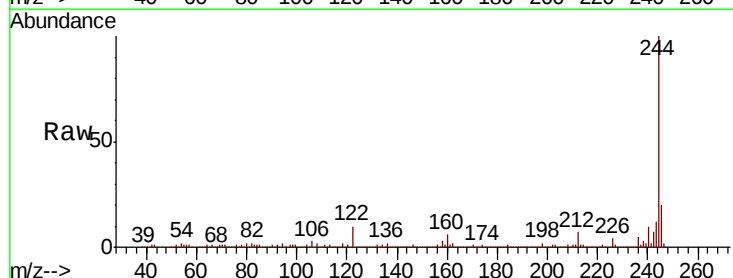
Instrument :
BNA_F
ClientSampleId :
COMP-2_071619

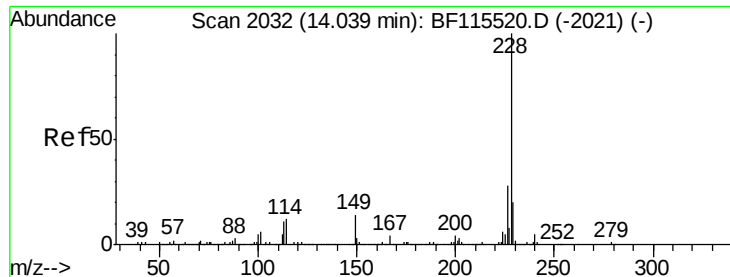
Tgt Ion: 202 Resp: 1362178
Ion Ratio Lower Upper
202 100
200 22.2 18.7 28.1
203 18.0 15.2 22.8



#79
Terphenyl-d14
Concen: 59.903 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115635.D
Acq: 17 Jul 2019 21:12

Tgt Ion: 244 Resp: 1036473
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 10.3 8.6 12.8

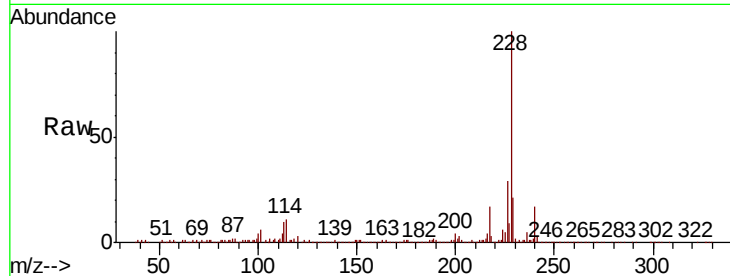




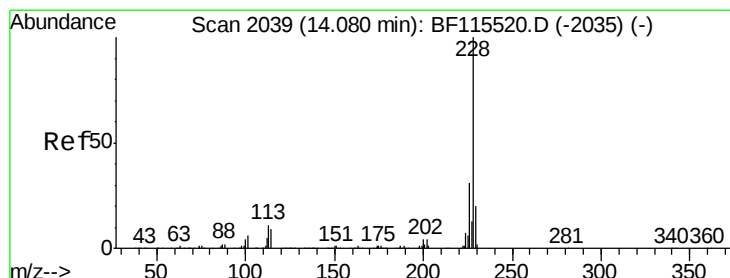
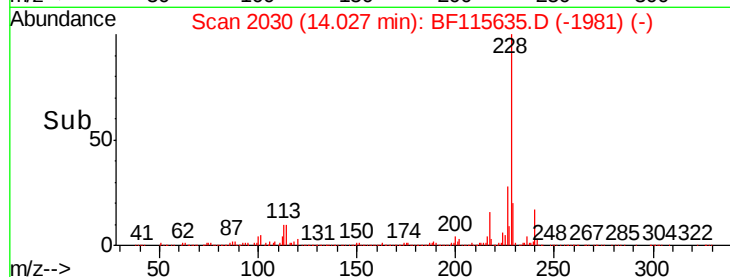
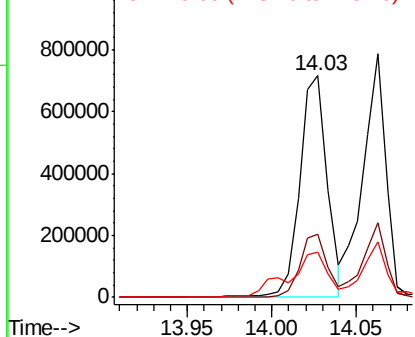
#81
Benzo(a)anthracene
Concen: 38.186 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115635.D
Acq: 17 Jul 2019 21:12

Instrument :
BNA_F
ClientSampleId :
COMP-2_071619

Tgt Ion:228 Resp: 803168
Ion Ratio Lower Upper
228 100
226 28.5 23.4 35.0
229 20.6 17.2 25.8

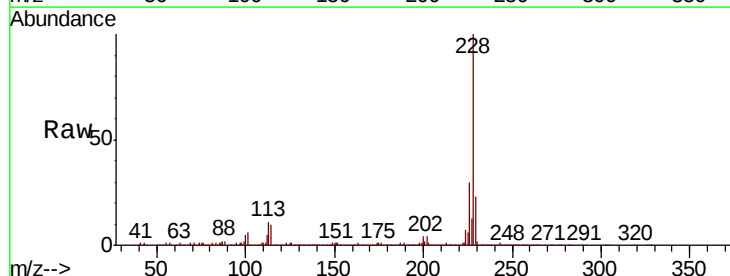


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

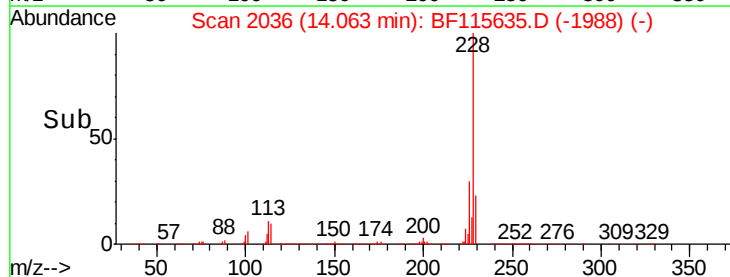
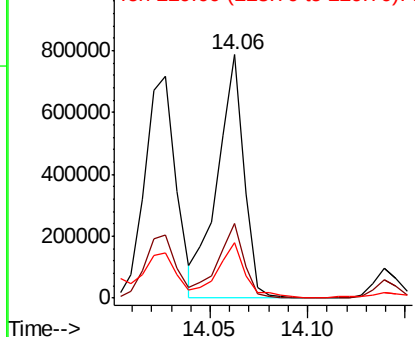


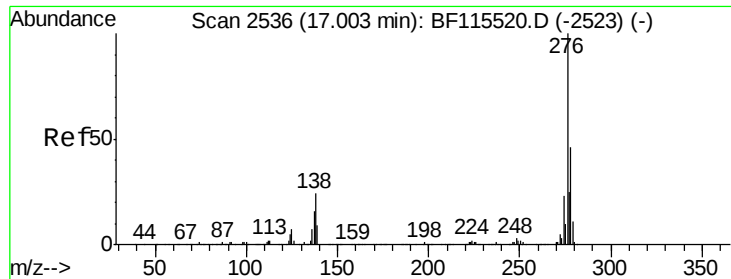
#83
Chrysene
Concen: 35.120 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115635.D
Acq: 17 Jul 2019 21:12

Tgt Ion:228 Resp: 741529
Ion Ratio Lower Upper
228 100
226 30.4 25.7 38.5
229 22.8 16.6 25.0



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

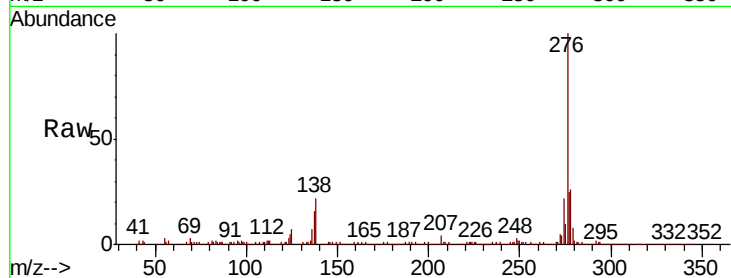




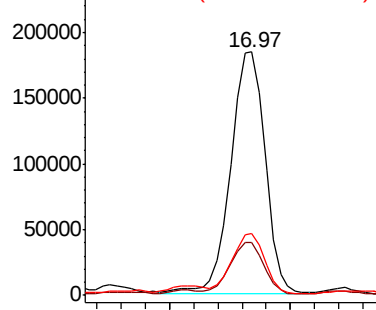
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 20.496 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.04 min
 Lab File: BF115635.D
 Acq: 17 Jul 2019 21:12

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2_071619

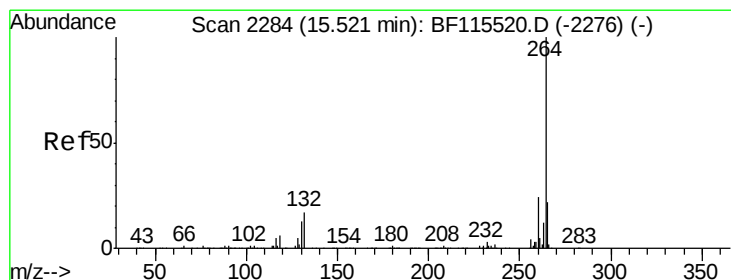
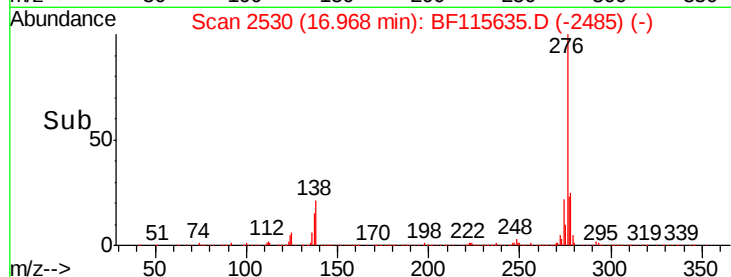
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	20.2	30.2
277	23.4	20.4	30.6



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

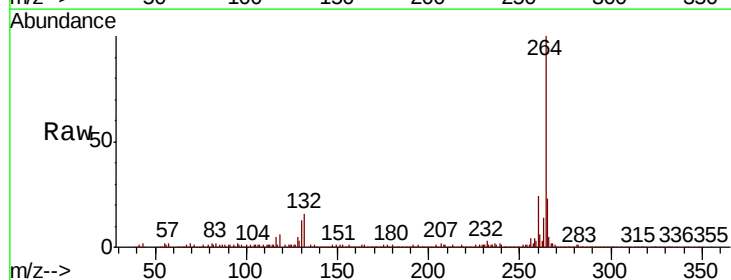


Time-->

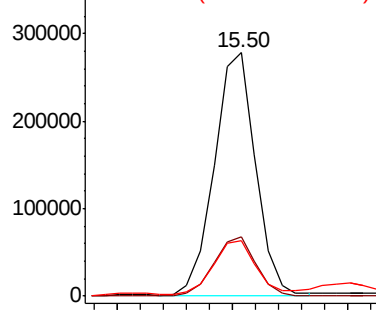


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF115635.D
 Acq: 17 Jul 2019 21:12

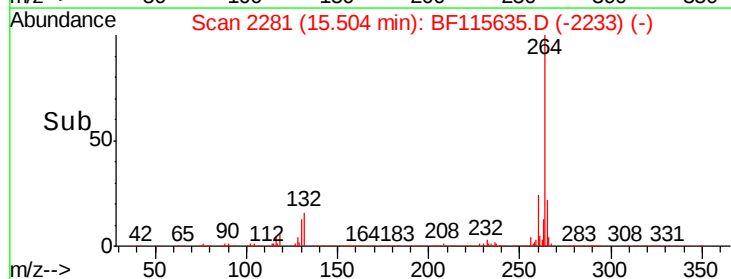
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.5	17.7	26.5

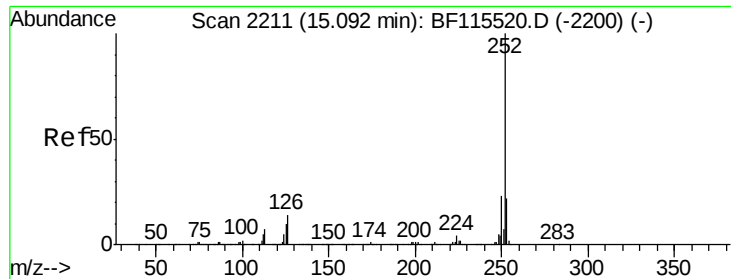


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->

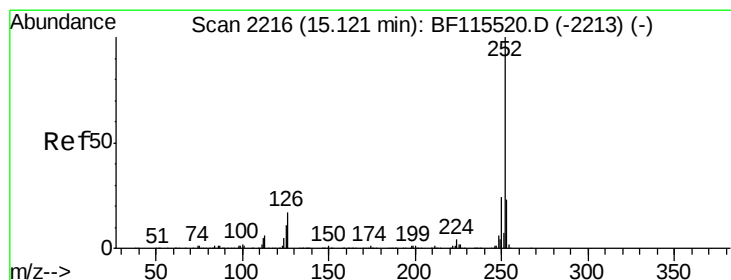
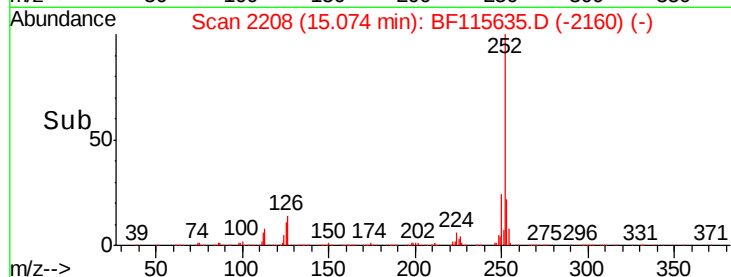
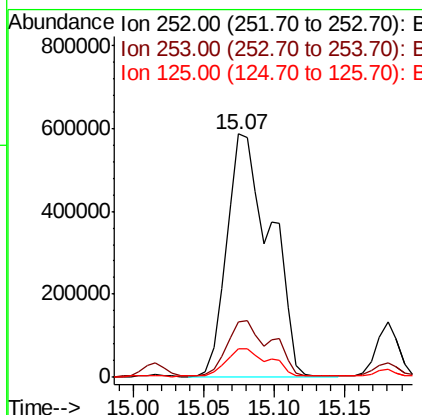
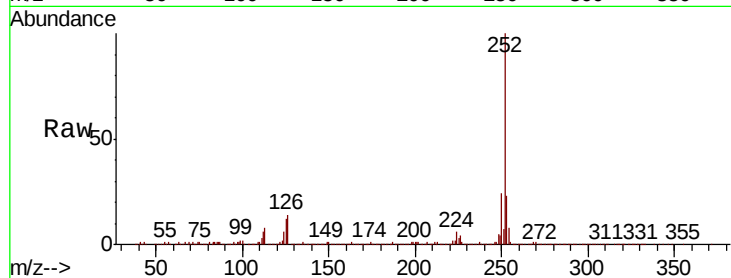




#88
Benzo(b)fluoranthene
Concen: 57.200 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115635.D
Acq: 17 Jul 2019 21:12

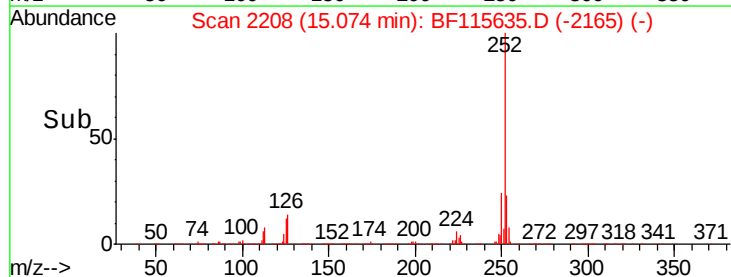
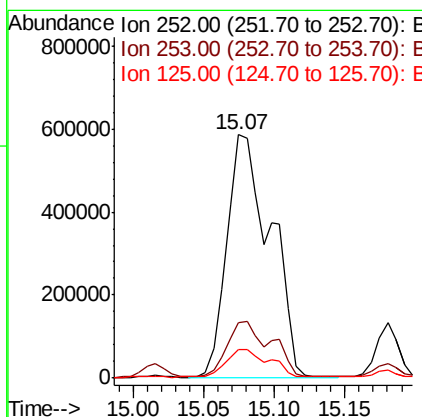
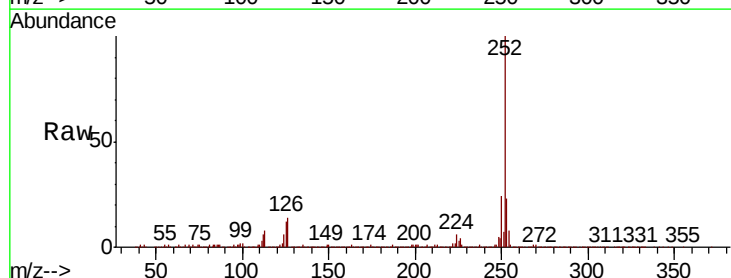
Instrument :
BNA_F
ClientSampleId :
COMP-2_071619

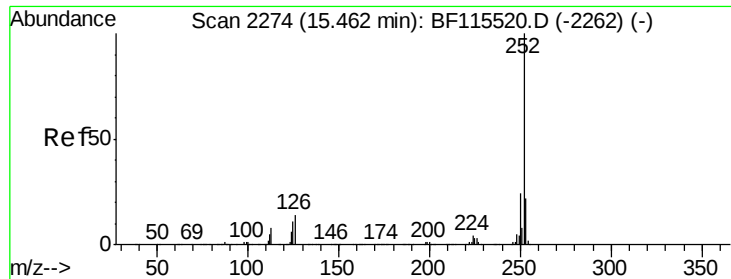
Tgt Ion:252 Resp: 1266201
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 12.0 9.0 13.4



#89
Benzo(k)fluoranthene
Concen: 64.158 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.05 min
Lab File: BF115635.D
Acq: 17 Jul 2019 21:12

Tgt Ion:252 Resp: 1266201
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 12.0 9.0 13.6





#90

Benzo(a)pyrene

Concen: 33.430 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

Instrument :

BNA_F

ClientSampleId :

COMP-2_071619

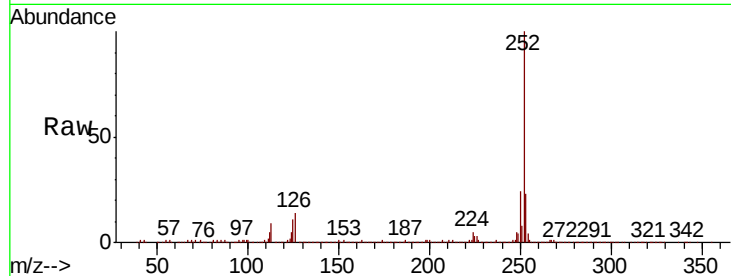
Tgt Ion:252 Resp: 636041

Ion Ratio Lower Upper

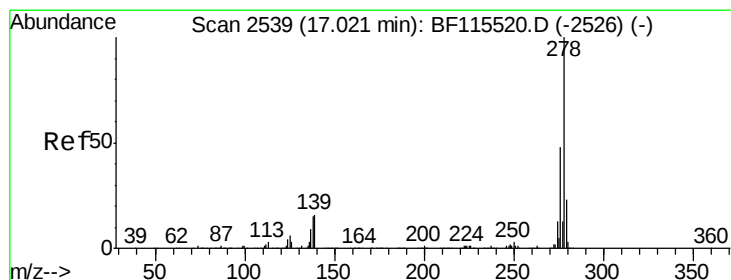
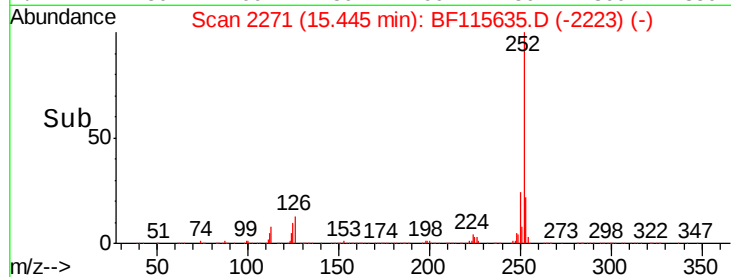
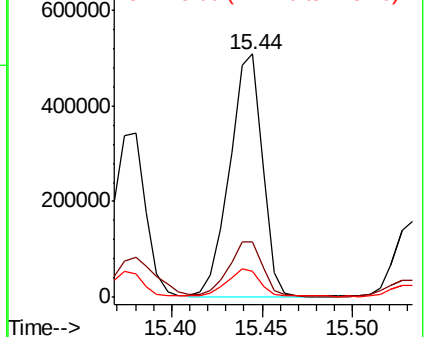
252 100

253 22.8 17.8 26.6

125 10.7 9.1 13.7



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: 5.917 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.05 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

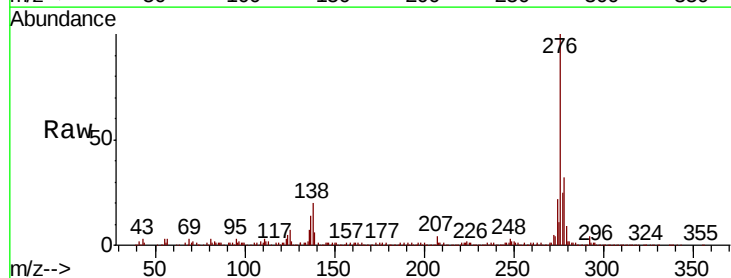
Tgt Ion:278 Resp: 98825

Ion Ratio Lower Upper

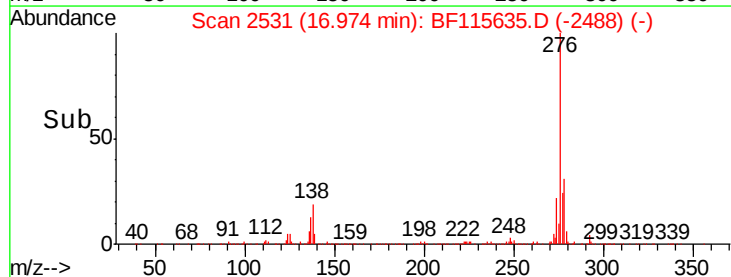
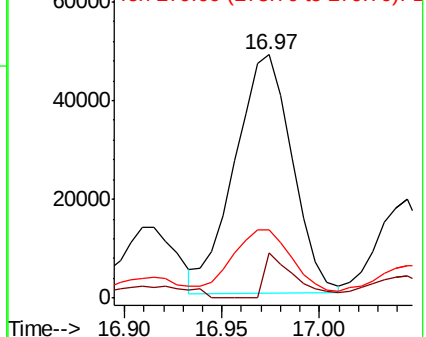
278 100

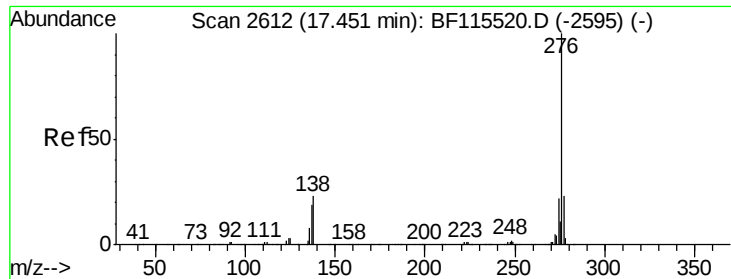
139 18.7 13.1 19.7

279 28.1 19.6 29.4



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: 18.537 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.04 min

Lab File: BF115635.D

Acq: 17 Jul 2019 21:12

Instrument :

BNA_F

ClientSampleId :

COMP-2_071619

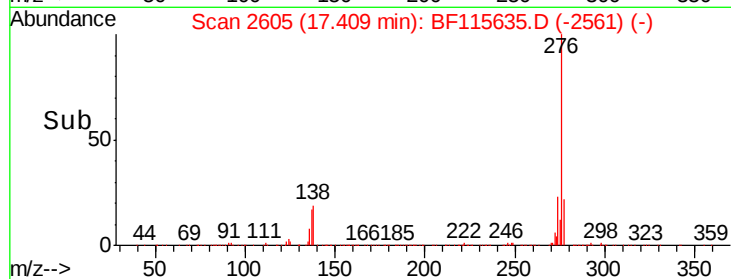
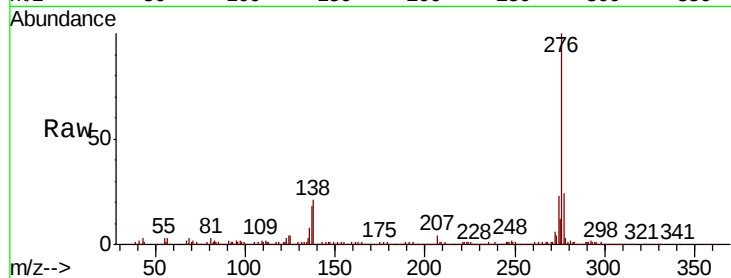
Tgt Ion: 276 Resp: 308797

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

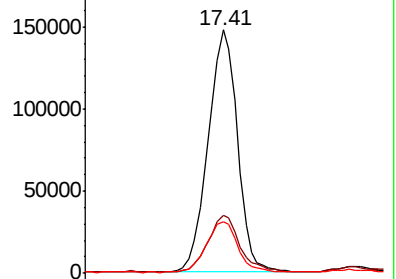
138 21.0 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

200000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->