

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
 Data File : BF115873.D
 Acq On : 31 Jul 2019 18:32
 Operator : HP/JU
 Sample : K4049-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Quant Time: Aug 01 04:56:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	143348	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	527412	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	253802	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	361373	20.00	ng	0.00
76) Chrysene-d12	14.05	240	236515	20.00	ng	0.02
87) Perylene-d12	15.54	264	305099	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	897063	104.76	ng	0.00
7) Phenol-d6	6.49	99	1154103	106.83	ng	0.00
23) Nitrobenzene-d5	7.41	82	726589	79.52	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	226049	91.86	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1129173	83.33	ng	0.00
79) Terphenyl-d14	12.97	244	817895	72.87	ng	0.00

Target Compounds

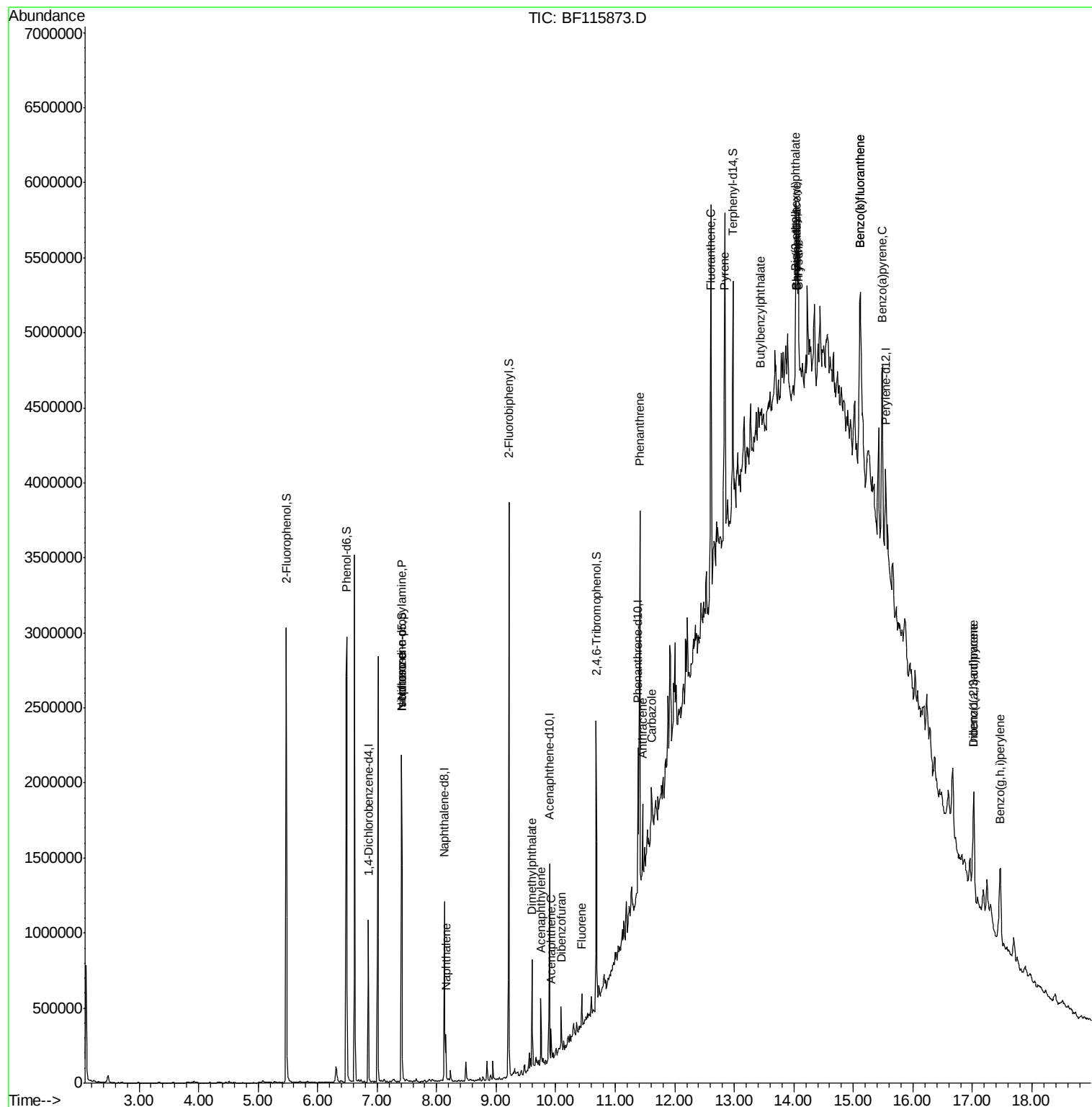
						Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	98740	14.749	ng	# 79
25) Isophorone	7.41	82	721717	41.309	ng	# 66
31) Naphthalene	8.15	128	115244	4.643	ng	99
49) Acenaphthylene	9.75	152	167935	7.719	ng	100
50) Dimethylphthalate	9.60	163	266997	15.450	ng	100
52) Acenaphthene	9.92	154	35507	2.660	ng	99
55) Dibenzofuran	10.09	168	74154	3.820	ng	94
58) Fluorene	10.44	166	57153	3.827	ng	97
71) Phenanthrene	11.41	178	1088457	58.918	ng	99
72) Anthracene	11.46	178	189881	10.156	ng	98
73) Carbazole	11.61	167	127715	7.529	ng	98
75) Fluoranthene	12.61	202	1564667	80.901	ng	98
78) Pyrene	12.84	202	1433741	80.417	ng	98
80) Butylbenzylphthalate	13.44	149	16649	2.208	ng	# 36
81) Benzo(a)anthracene	14.04	228	764059	50.542	ng	93
83) Chrysene	14.07	228	716157	48.796	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	50880	5.192	ng	# 92
86) Indeno(1,2,3-cd)pyrene	17.02	276	433542	35.171	ng	97
88) Benzo(b)fluoranthene	15.12	252	1287839	73.002	ng	# 92
89) Benzo(k)fluoranthene	15.12	252	1287839	74.950	ng	# 95
90) Benzo(a)pyrene	15.49	252	676582	42.903	ng	# 95
91) Dibenzo(a,h)anthracene	17.02	278	114574	8.393	ng	# 75
92) Benzo(g,h,i)perylene	17.47	276	390048	29.095	ng	99

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

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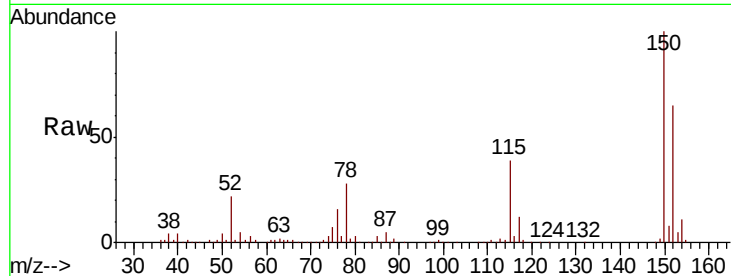




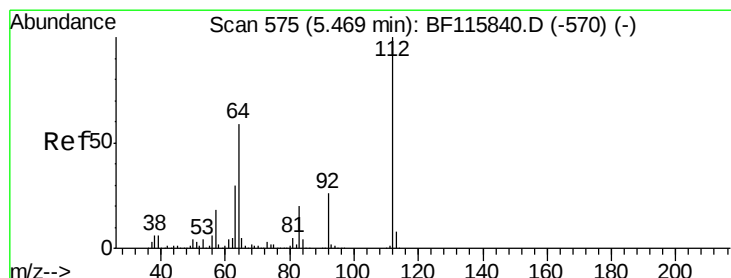
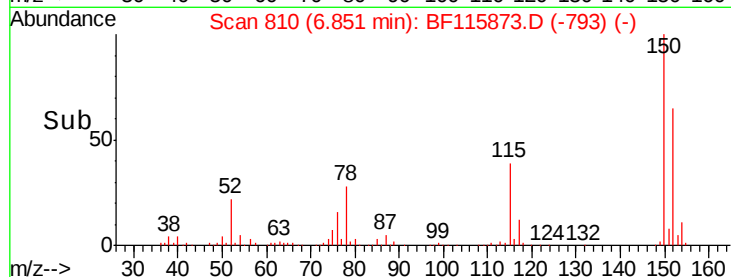
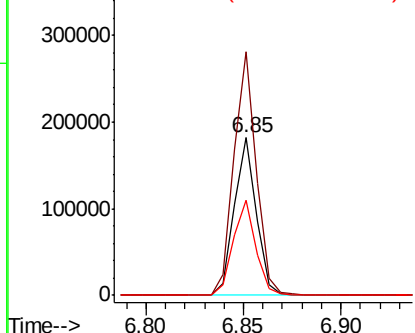
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115873.D
 Acq: 31 Jul 2019 18:32

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Tgt Ion:152 Resp: 143348
 Ion Ratio Lower Upper
 152 100
 150 154.4 127.4 191.0
 115 60.1 51.8 77.8

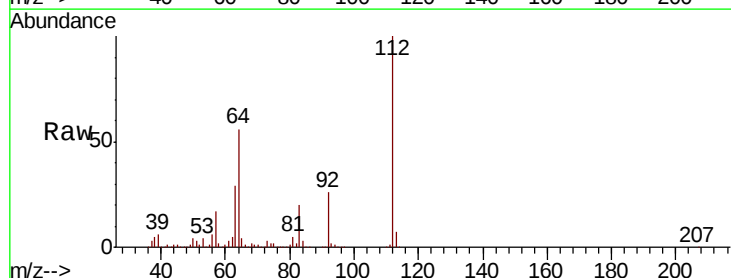


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

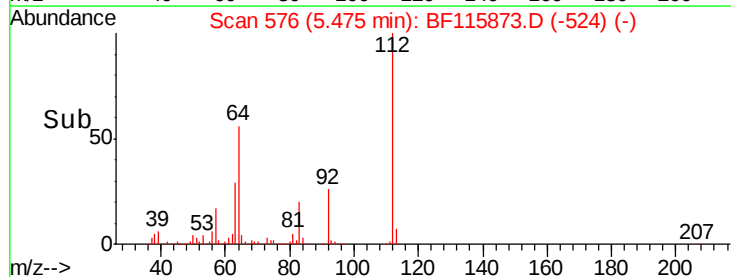
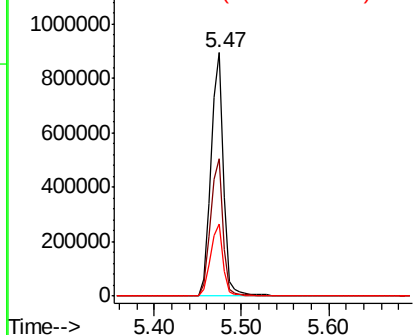


#5
 2-Fluorophenol
 Concen: 104.762 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF115873.D
 Acq: 31 Jul 2019 18:32

Tgt Ion:112 Resp: 897063
 Ion Ratio Lower Upper
 112 100
 64 56.3 46.8 70.2
 63 29.4 24.2 36.2



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: 106.826 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Instrument :

BNA_F

ClientSampled :

SP-8

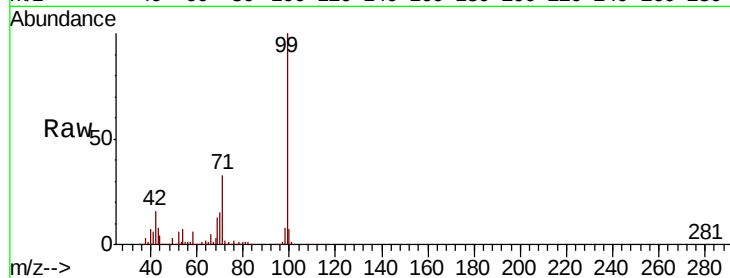
Tgt Ion: 99 Resp: 1154103

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.6

71 33.1 27.1 40.7

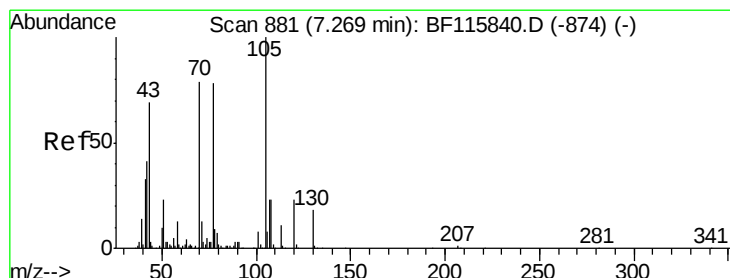
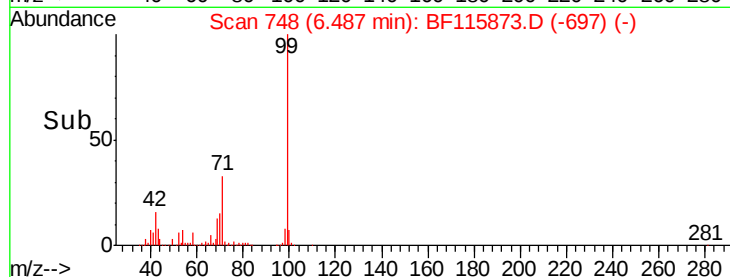
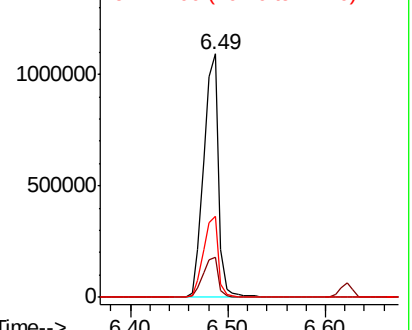


Abundance

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: 14.749 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Tgt Ion: 70 Resp: 98740

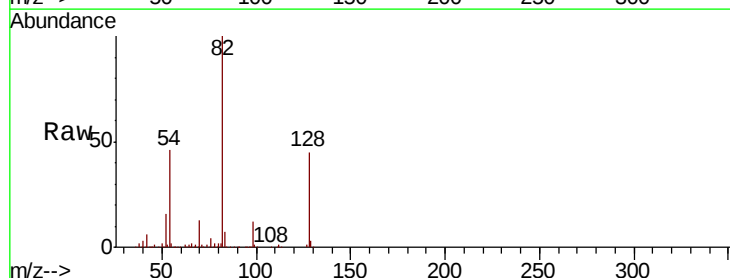
Ion Ratio Lower Upper

70 100

42 45.0 41.8 62.8

101 0.0 7.7 11.5#

130 2.1 17.8 26.6#



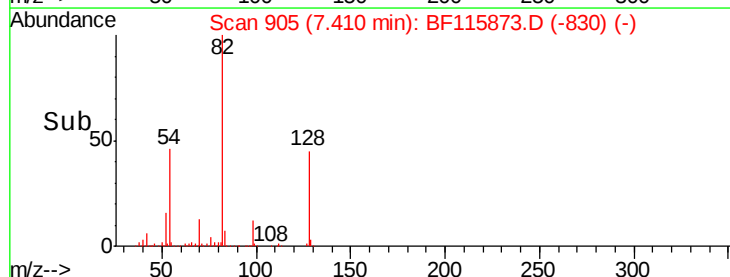
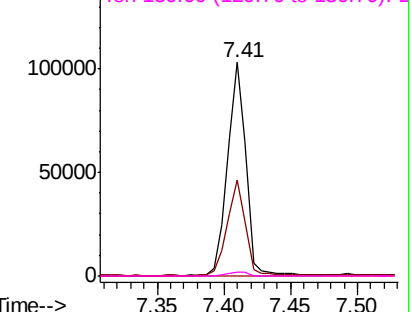
Abundance

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

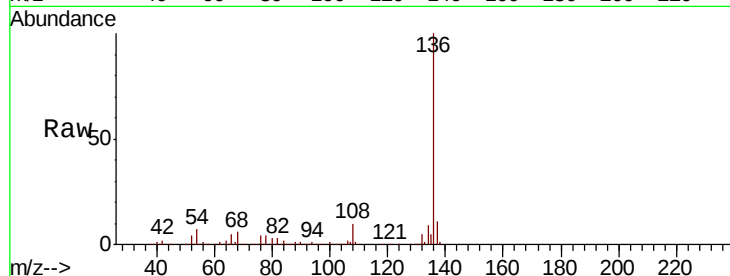




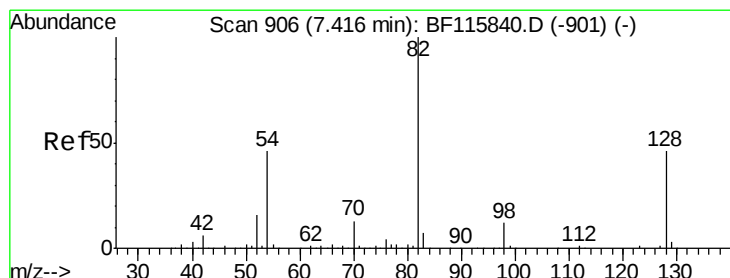
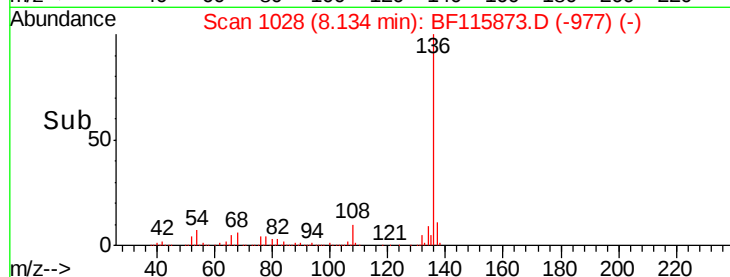
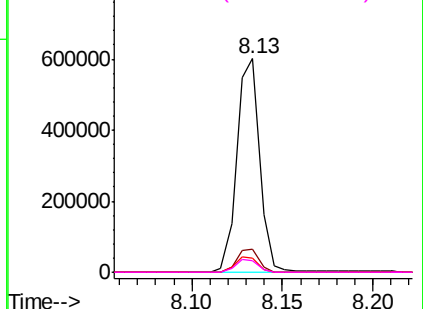
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115873.D
Acq: 31 Jul 2019 18:32

Instrument :
BNA_F
ClientSampleId :
SP-8

Tgt Ion:	136	Resp:	527412
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.5	6.1	9.1
68	5.6	5.4	8.2

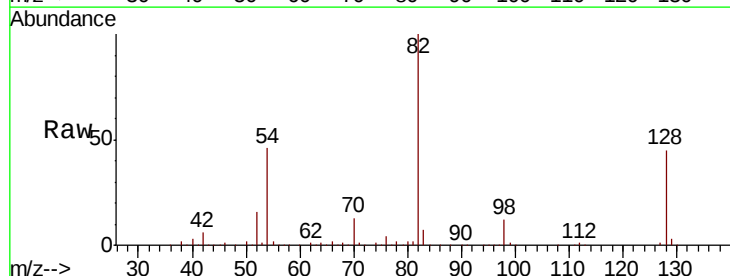


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

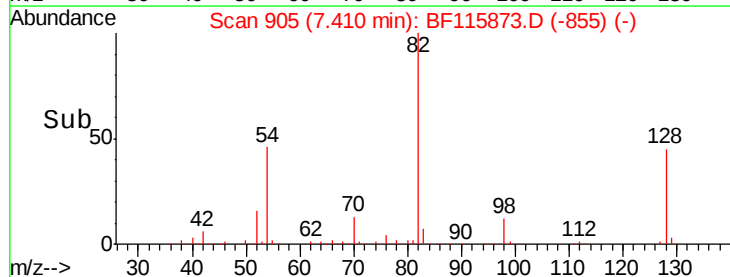
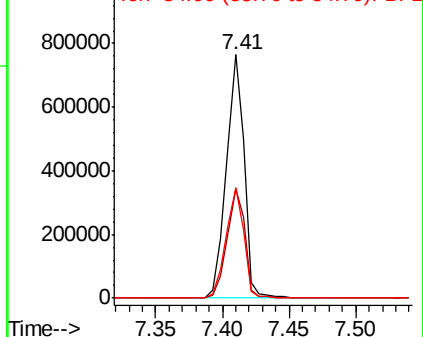


#23
Nitrobenzene-d5
Concen: 79.522 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115873.D
Acq: 31 Jul 2019 18:32

Tgt Ion:	82	Resp:	726589
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.6	55.0
54	45.6	36.6	55.0



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

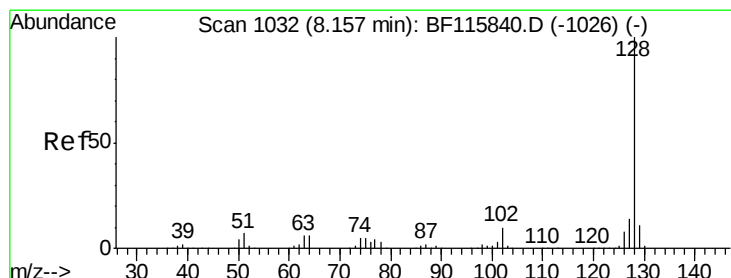
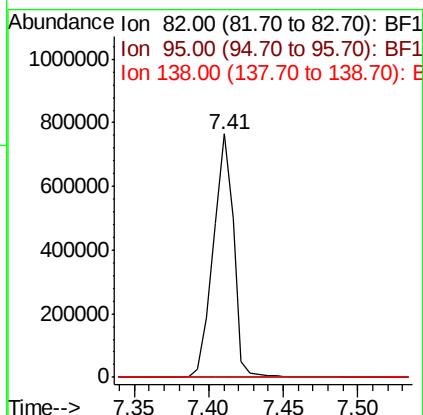
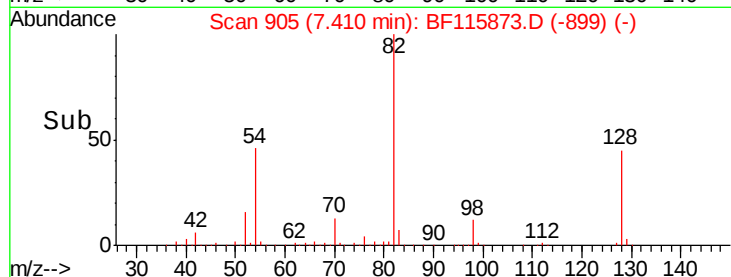
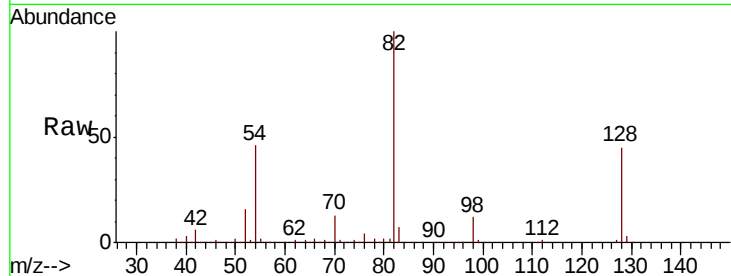




#25
Isophorone
Concen: 41.309 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF115873.D
Acq: 31 Jul 2019 18:32

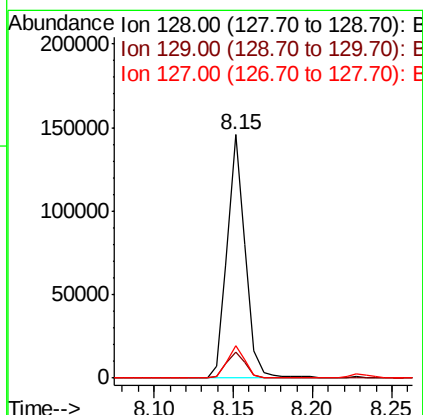
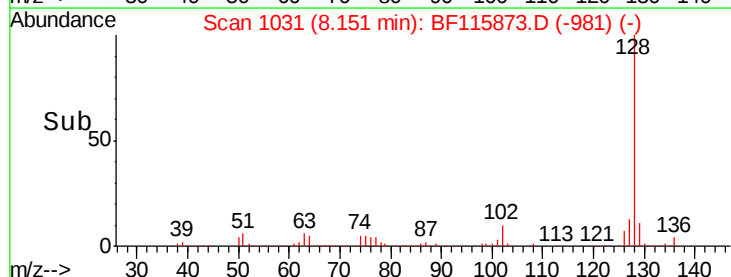
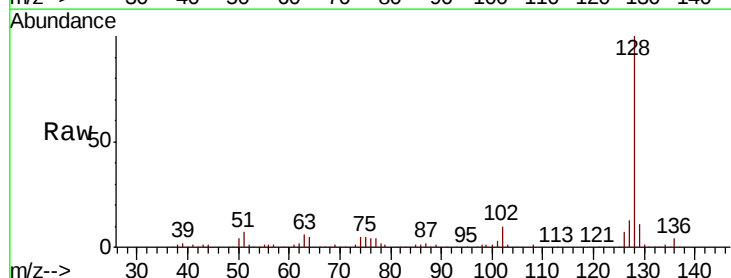
Instrument :
BNA_F
ClientSampleId :
SP-8

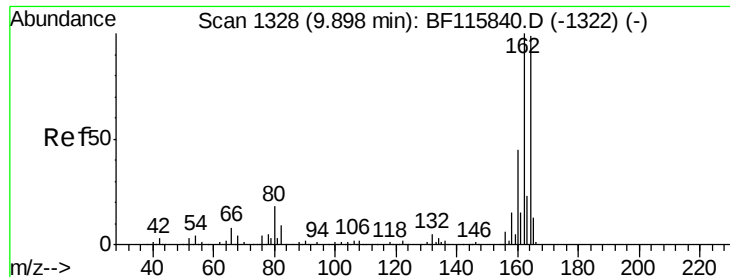
Tgt Ion: 82 Resp: 721717
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 13.9 20.9#



#31
Naphthalene
Concen: 4.643 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115873.D
Acq: 31 Jul 2019 18:32

Tgt Ion: 128 Resp: 115244
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.2 11.0 16.4

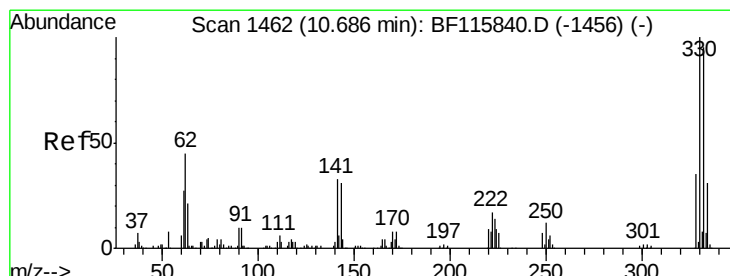
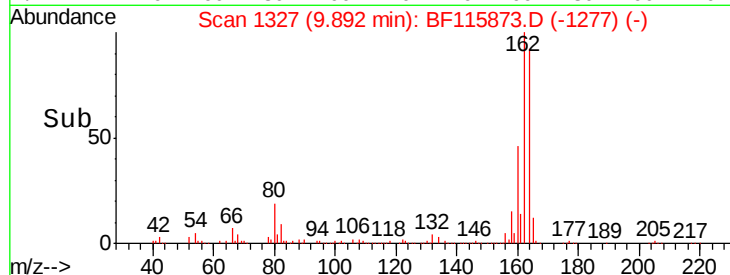
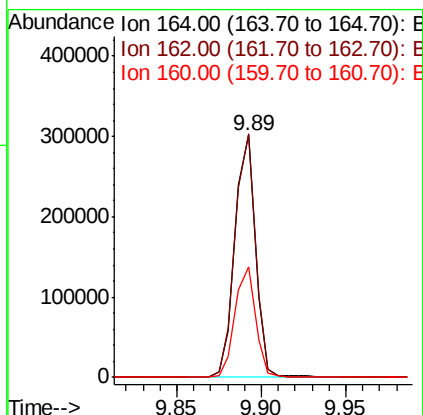
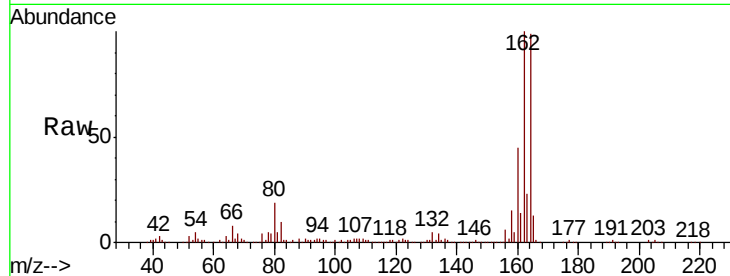




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115873.D
 Acq: 31 Jul 2019 18:32

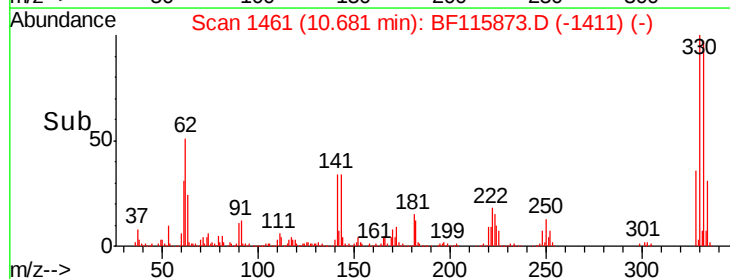
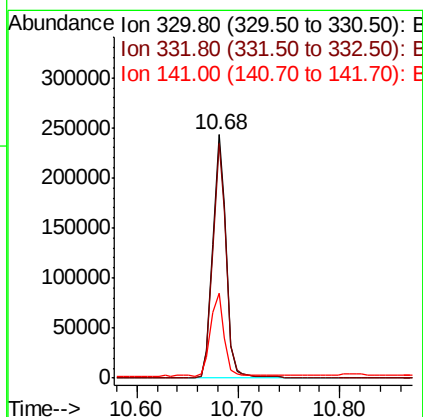
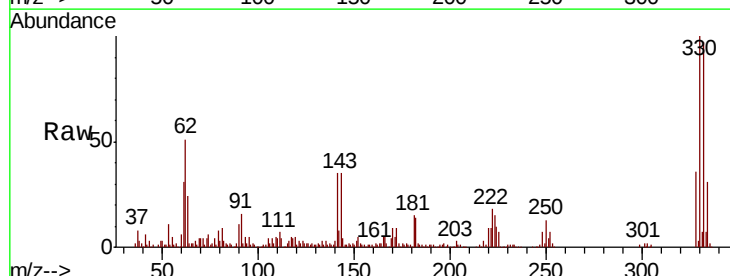
Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Tgt Ion:164 Resp: 253802
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.8 121.2
 160 45.6 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 91.864 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115873.D
 Acq: 31 Jul 2019 18:32

Tgt Ion:330 Resp: 226049
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.7 116.5
 141 36.8 28.1 42.1

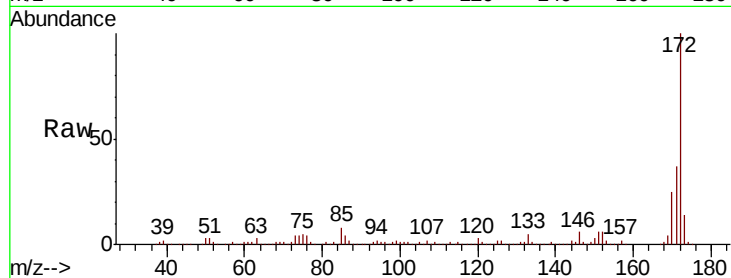




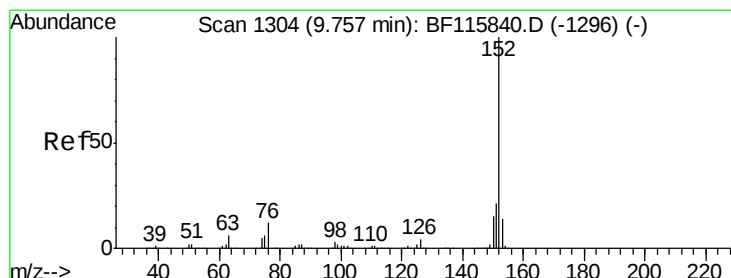
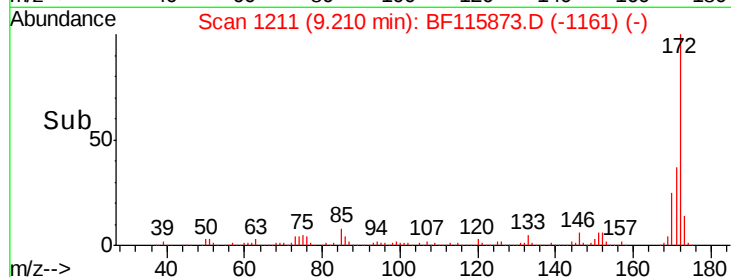
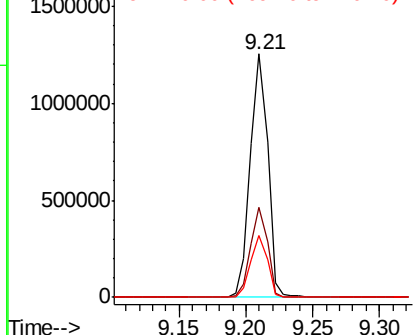
#45
 2-Fluorobiphenyl
 Concen: 83.334 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115873.D
 Acq: 31 Jul 2019 18:32

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Tgt Ion:172 Resp: 1129173
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.1 43.7
 170 25.5 20.1 30.1

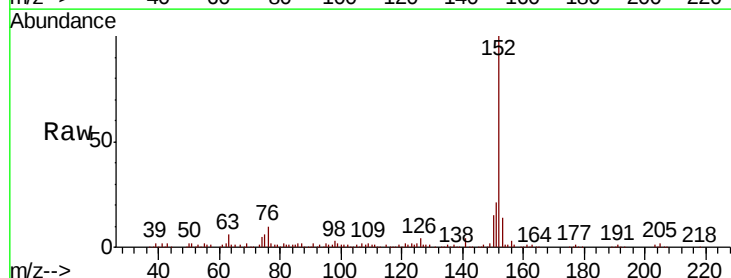


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

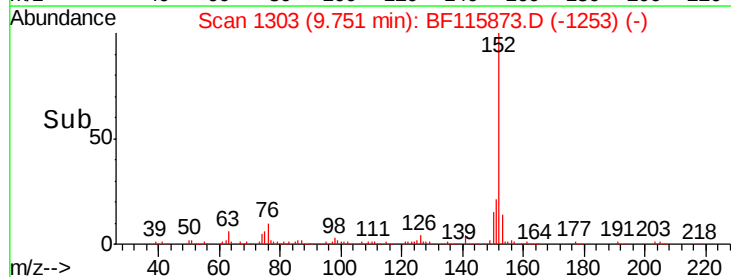
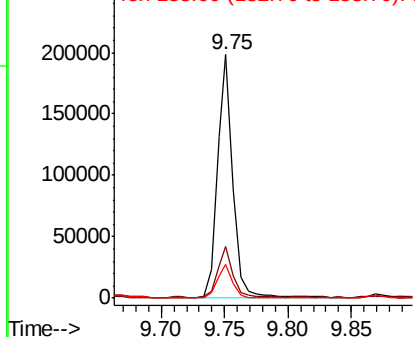


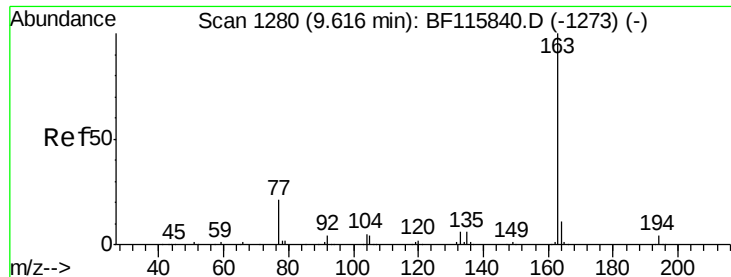
#49
 Acenaphthylene
 Concen: 7.719 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF115873.D
 Acq: 31 Jul 2019 18:32

Tgt Ion:152 Resp: 167935
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.8 25.2
 153 14.0 11.6 17.4



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: 15.450 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Instrument :

BNA_F

ClientSampled :

SP-8

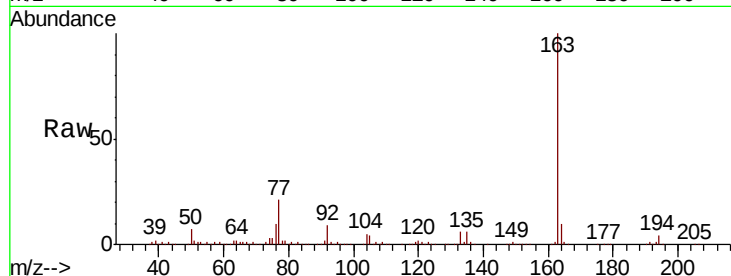
Tgt Ion:163 Resp: 266997

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

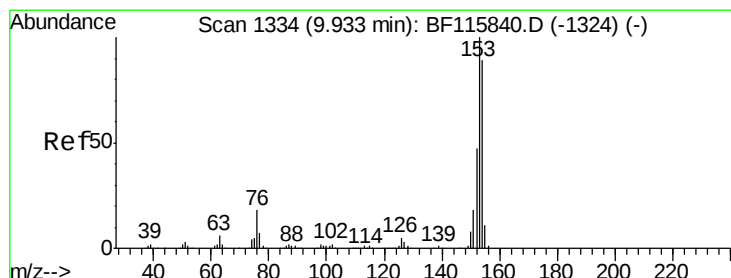
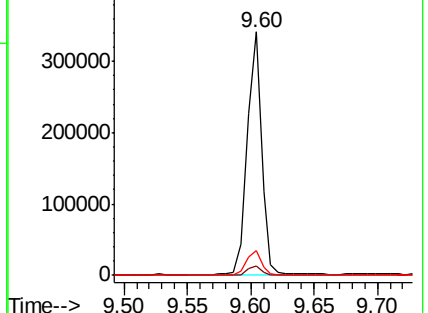
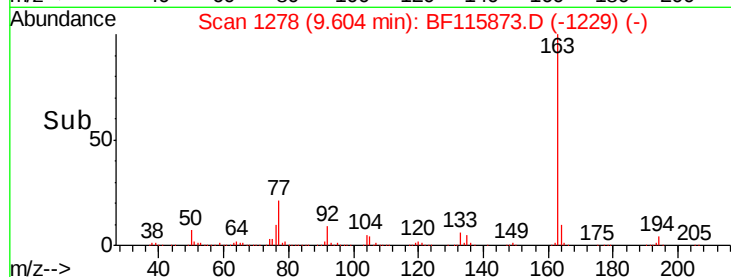
164 10.4 8.4 12.6



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: 2.660 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

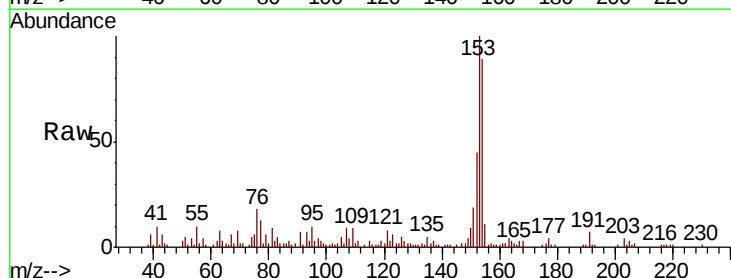
Tgt Ion:154 Resp: 35507

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

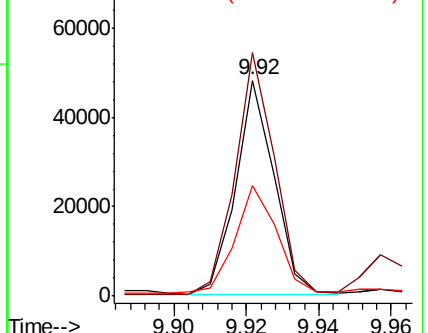
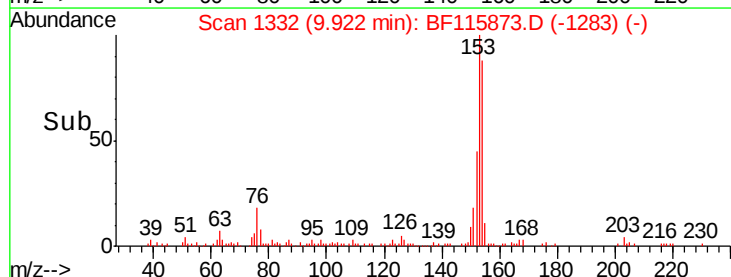
152 51.3 42.6 63.8

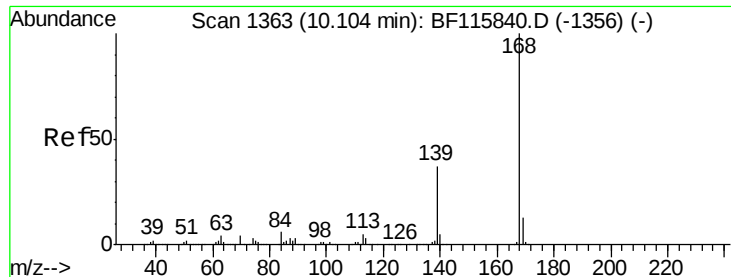


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzenofuran

Concen: 3.820 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Instrument :

BNA_F

ClientSampled :

SP-8

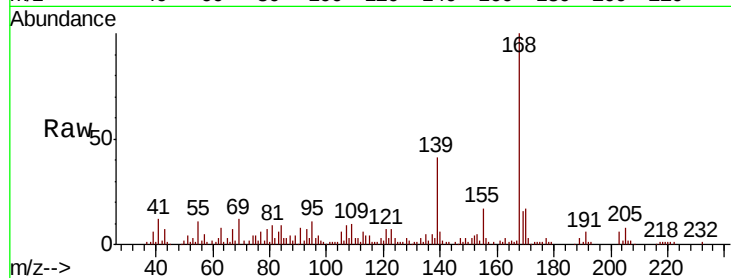
Tgt Ion:168 Resp: 74154

Ion Ratio Lower Upper

168 100

139 41.0 30.2 45.2

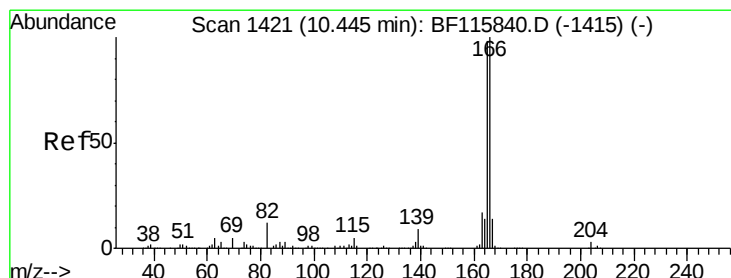
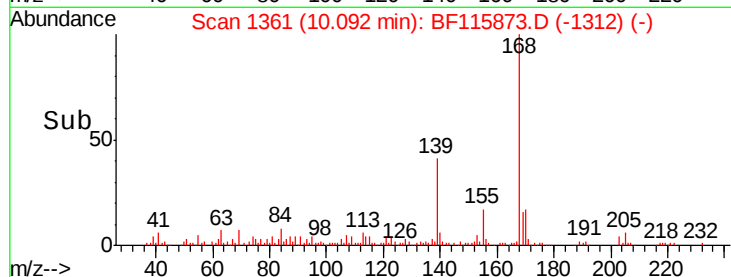
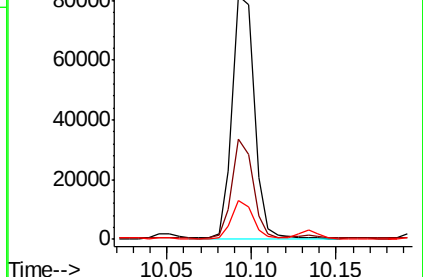
169 16.1 10.8 16.2



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



#58

Fluorene

Concen: 3.827 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

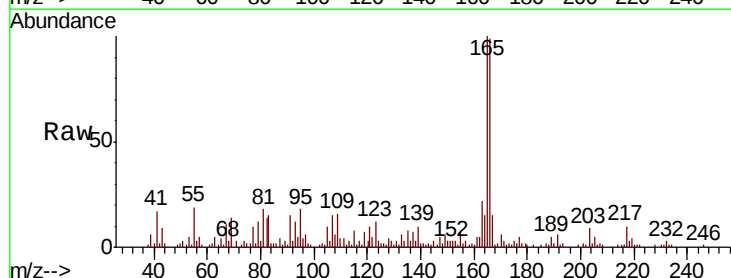
Tgt Ion:166 Resp: 57153

Ion Ratio Lower Upper

166 100

165 101.5 78.6 118.0

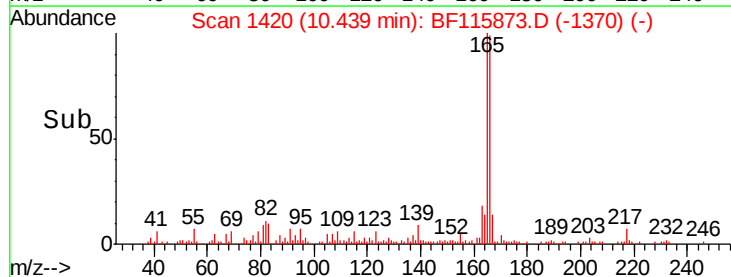
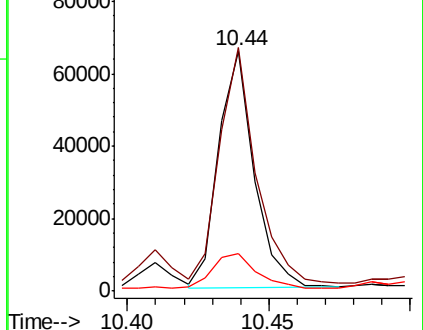
167 15.4 10.9 16.3

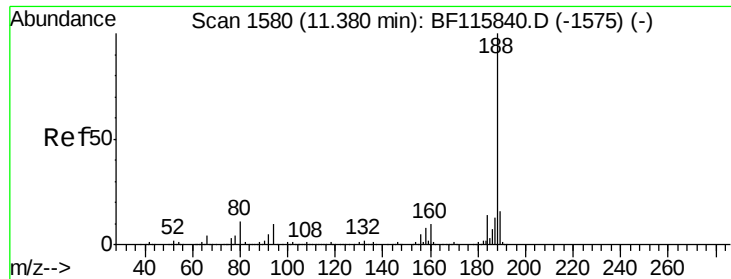


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

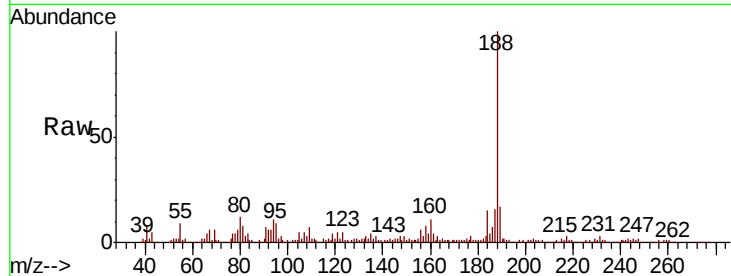




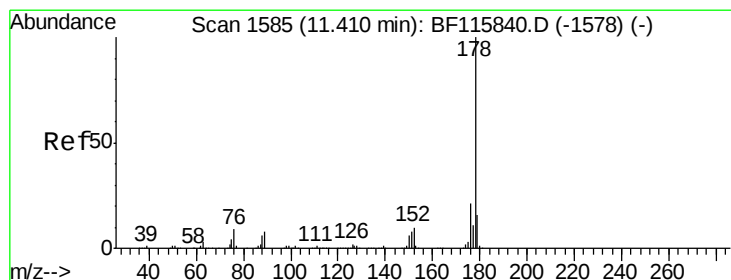
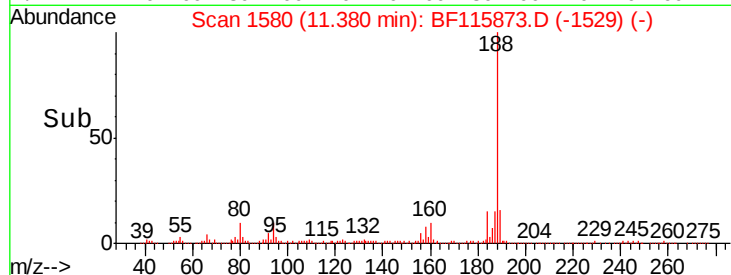
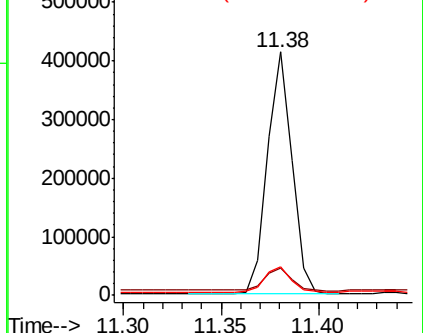
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115873.D
Acq: 31 Jul 2019 18:32

Instrument :
BNA_F
ClientSampleId :
SP-8

Tgt Ion:188 Resp: 361373
Ion Ratio Lower Upper
188 100
94 11.4 8.0 12.0
80 11.6 8.6 12.8

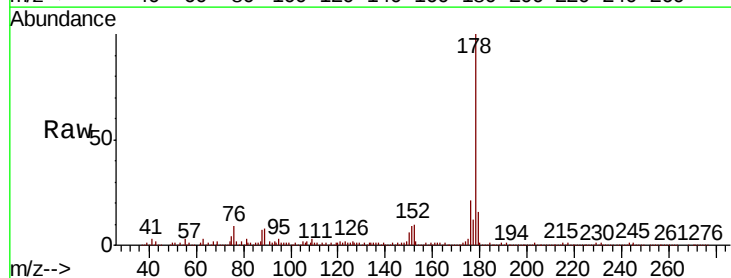


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

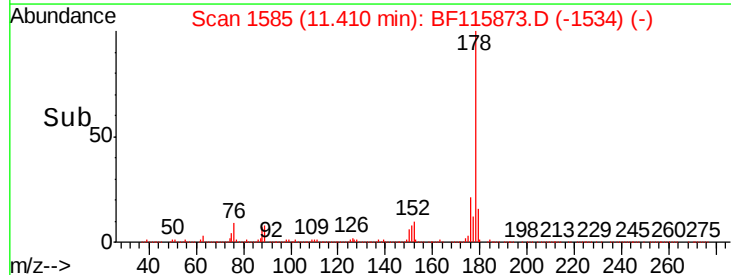
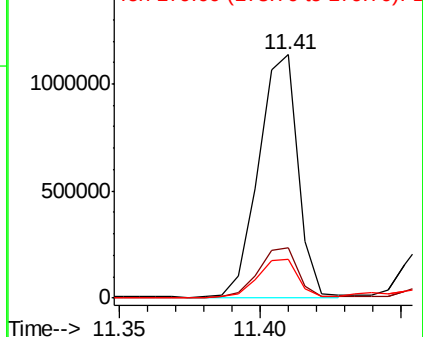


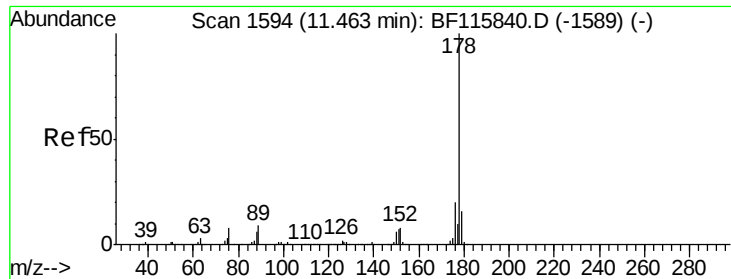
#71
Phenanthrene
Concen: 58.918 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115873.D
Acq: 31 Jul 2019 18:32

Tgt Ion:178 Resp: 1088457
Ion Ratio Lower Upper
178 100
176 20.9 16.5 24.7
179 16.0 12.6 18.8



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: 10.156 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Instrument :

BNA_F

ClientSampleId :

SP-8

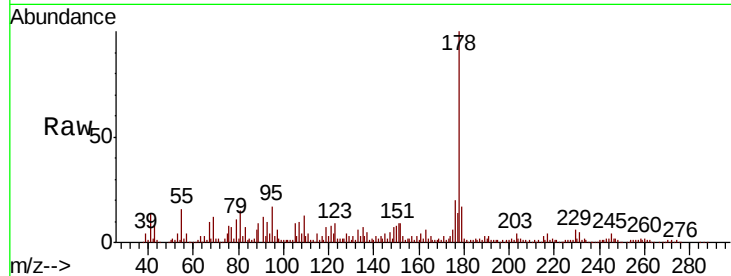
Tgt Ion:178 Resp: 189881

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

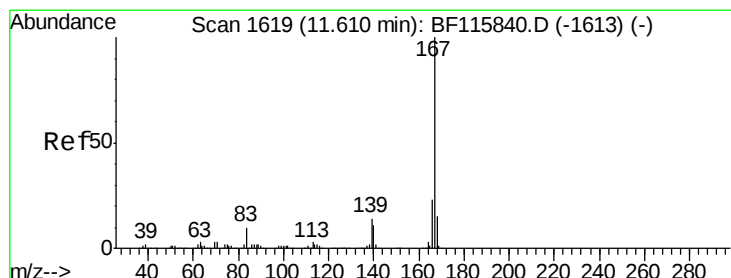
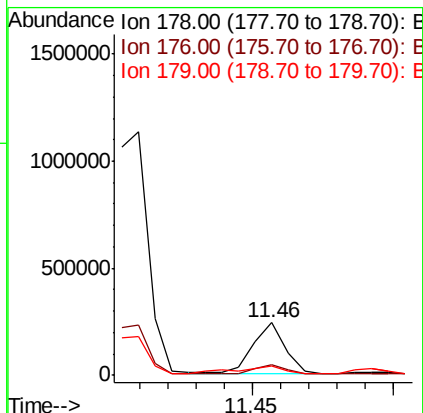
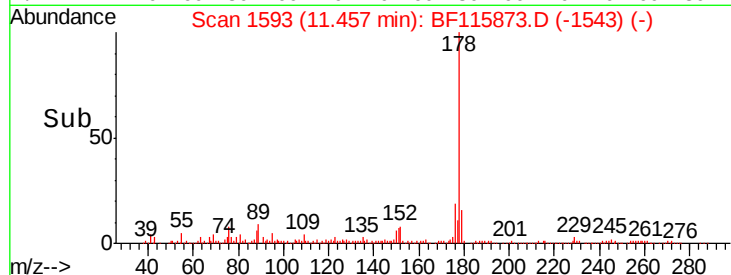
179 17.0 12.4 18.6



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: 7.529 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

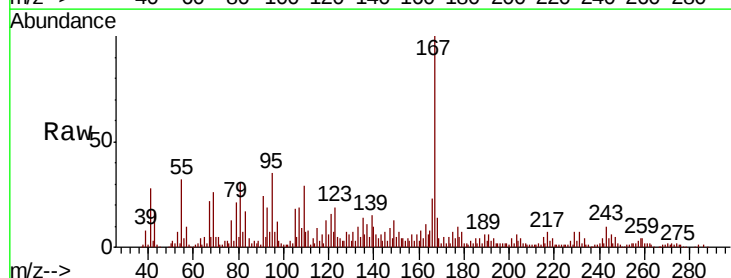
Tgt Ion:167 Resp: 127715

Ion Ratio Lower Upper

167 100

166 23.1 18.0 27.0

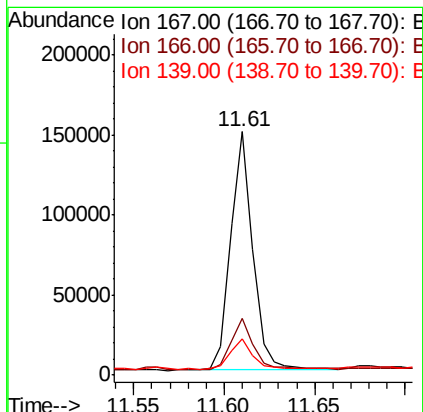
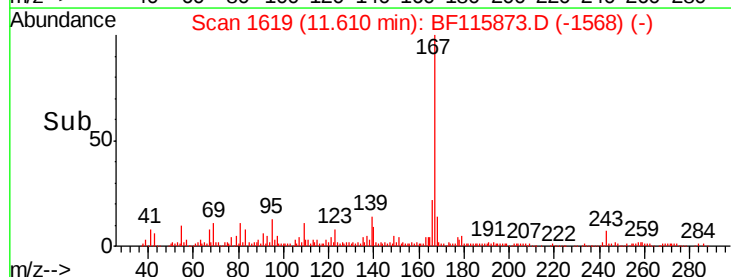
139 15.1 11.4 17.2

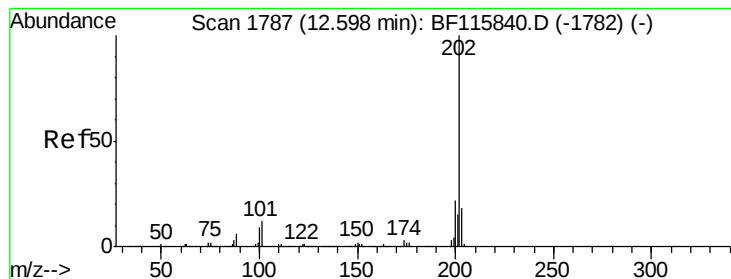


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 80.901 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Instrument :

BNA_F

ClientSampleId :

SP-8

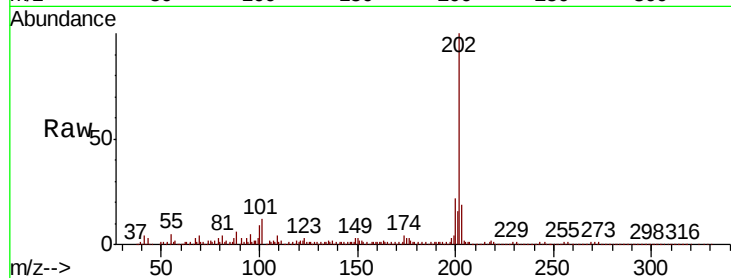
Tgt Ion:202 Resp: 1564667

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.5

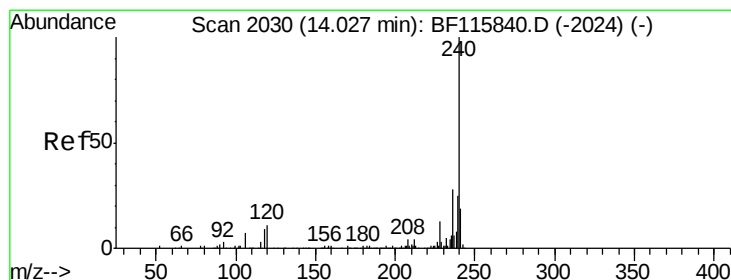
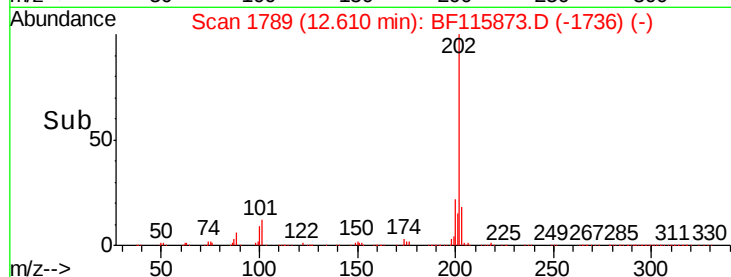
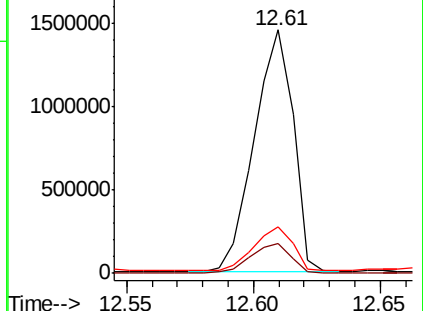
203 19.1 0.0 37.9



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: 14.05 min Scan# 2034

Delta R.T. 0.02 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

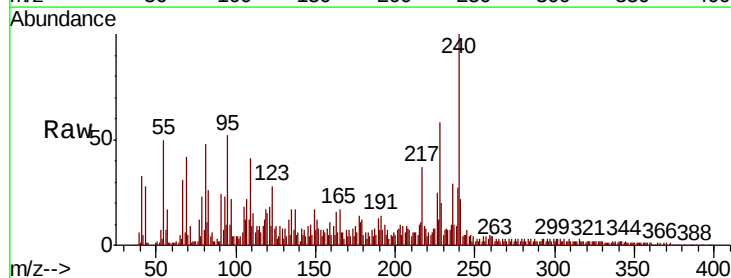
Tgt Ion:240 Resp: 236515

Ion Ratio Lower Upper

240 100

120 15.2 8.5 12.7#

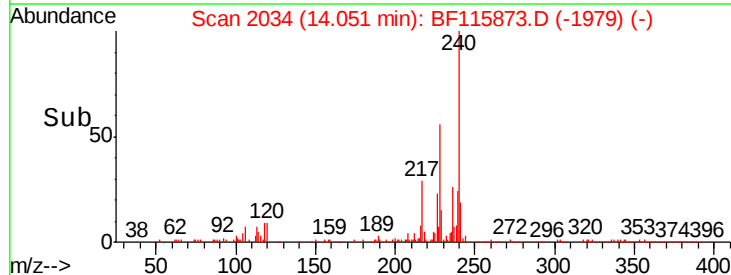
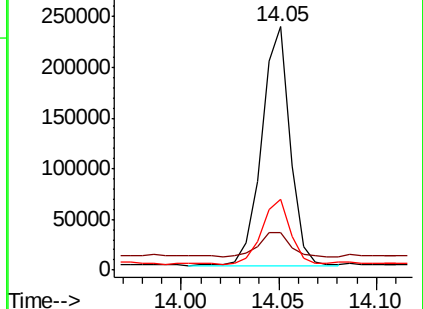
236 29.0 22.2 33.2

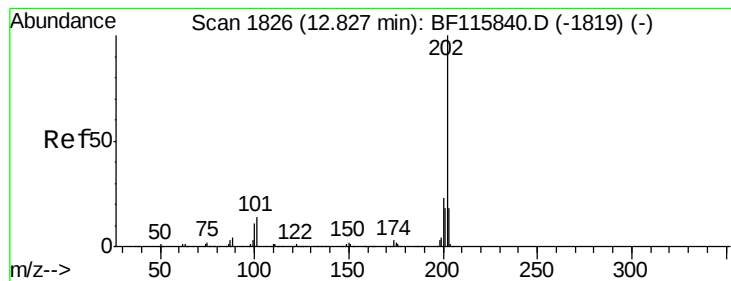


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 80.417 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Instrument :

BNA_F

ClientSampleId :

SP-8

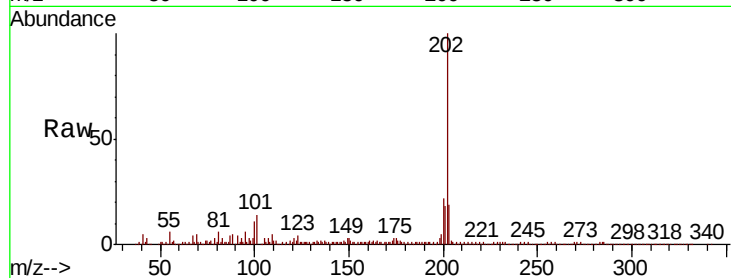
Tgt Ion:202 Resp: 1433741

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

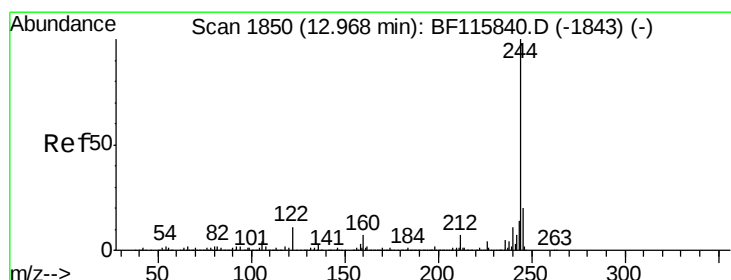
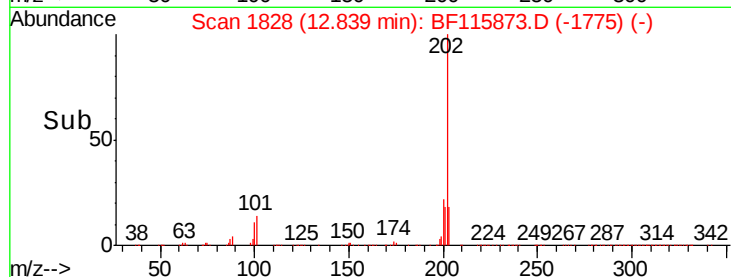
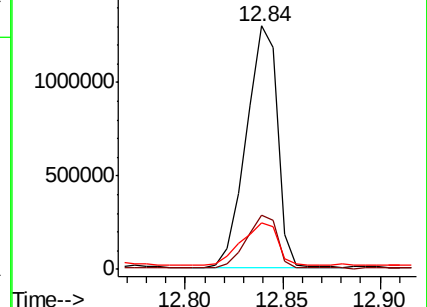
203 19.1 14.3 21.5



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: 72.868 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

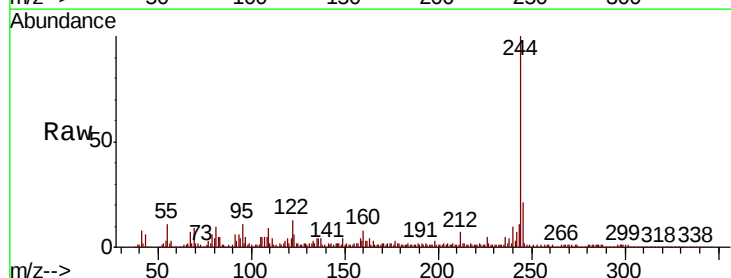
Tgt Ion:244 Resp: 817895

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

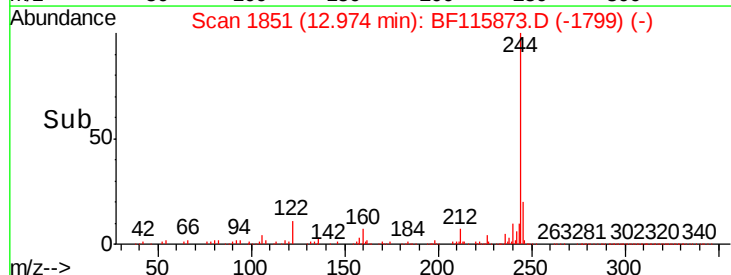
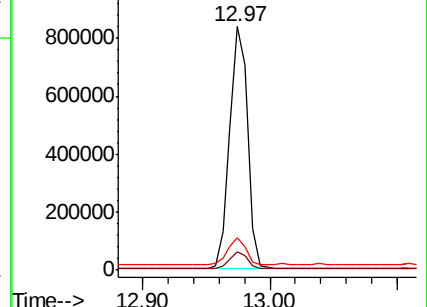
122 13.2 8.6 13.0#

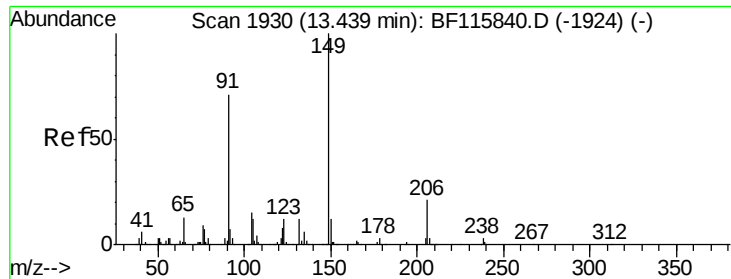


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

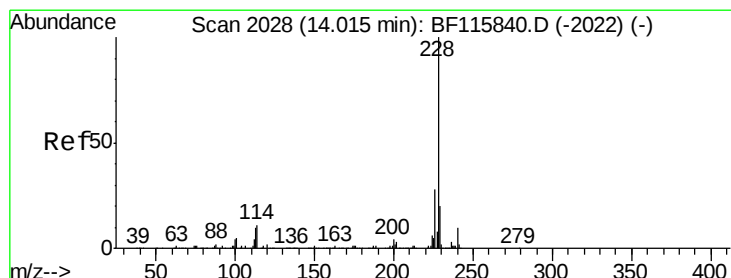
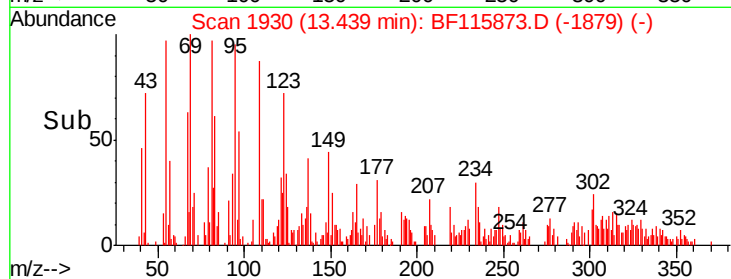
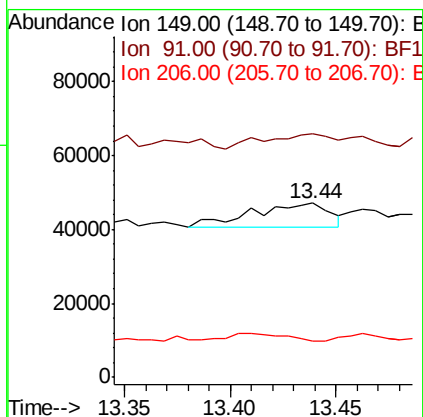
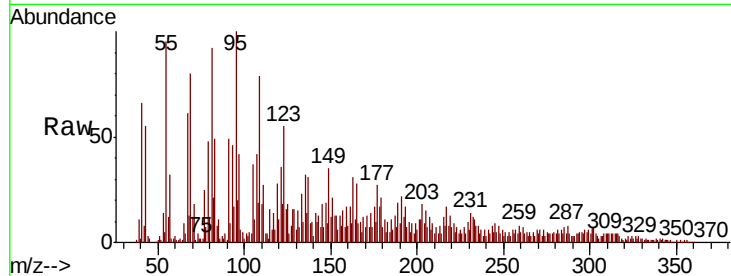




#80
Butylbenzylphthalate
Concen: 2.208 ng
RT: 13.44 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BF115873.D
Acq: 31 Jul 2019 18:32

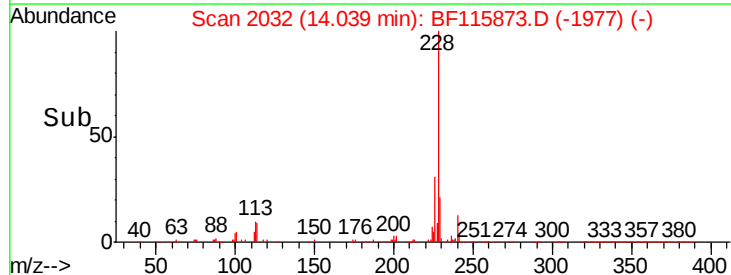
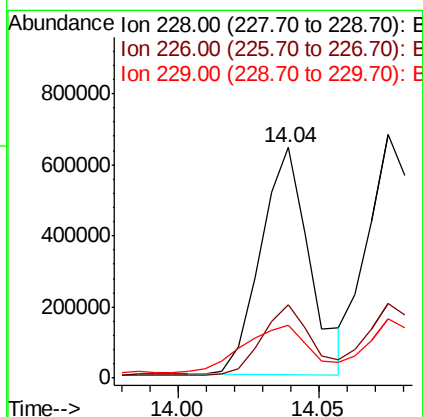
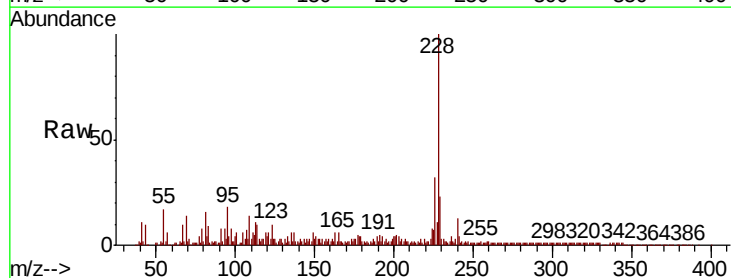
Instrument :
BNA_F
ClientSampled :
SP-8

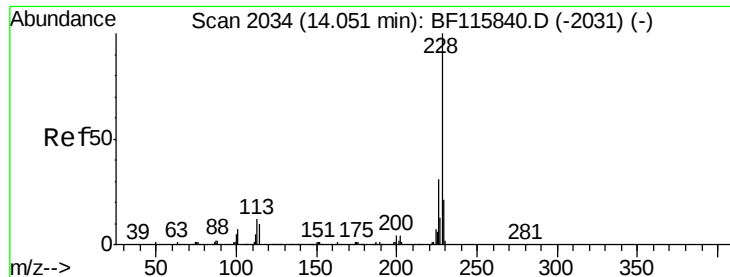
Tgt Ion:149 Resp: 16649
Ion Ratio Lower Upper
149 100
91 139.8 57.0 85.6#
206 20.6 16.9 25.3



#81
Benzo(a)anthracene
Concen: 50.542 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.02 min
Lab File: BF115873.D
Acq: 31 Jul 2019 18:32

Tgt Ion:228 Resp: 764059
Ion Ratio Lower Upper
228 100
226 32.0 22.5 33.7
229 22.8 16.1 24.1





#83

Chrysene

Concen: 48.796 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.02 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Instrument :

BNA_F

ClientSampled :

SP-8

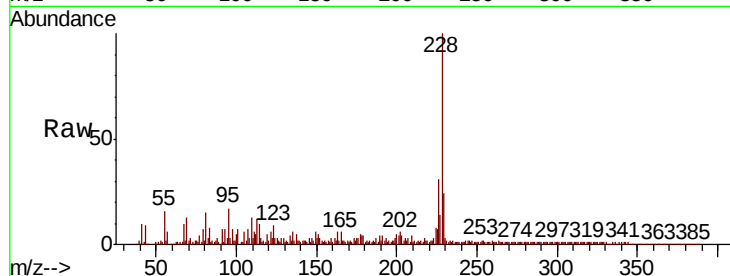
Tgt Ion:228 Resp: 716157

Ion Ratio Lower Upper

228 100

226 30.9 24.8 37.2

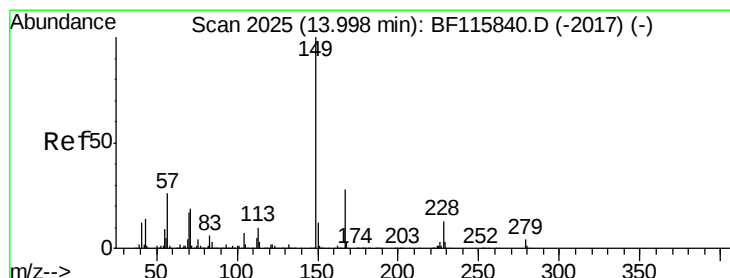
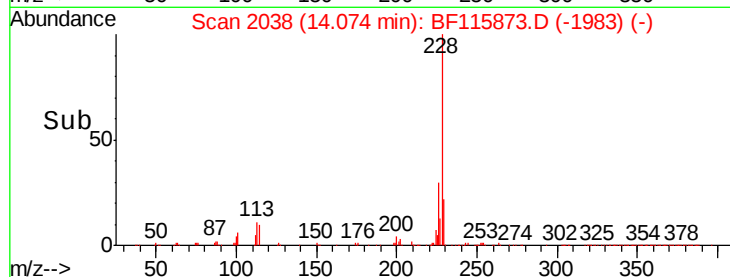
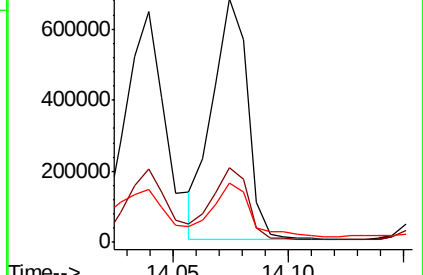
229 24.3 16.4 24.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.192 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.02 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

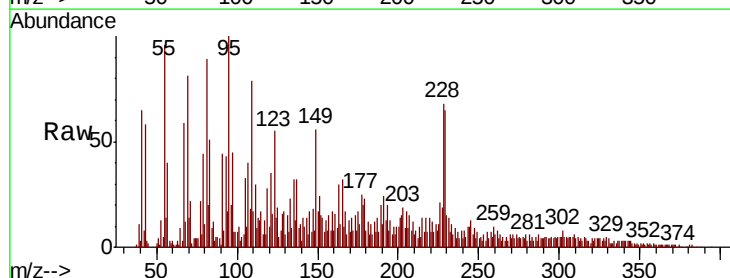
Tgt Ion:149 Resp: 50880

Ion Ratio Lower Upper

149 100

167 31.0 22.4 33.6

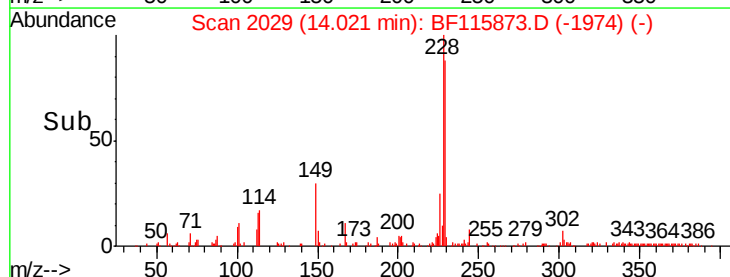
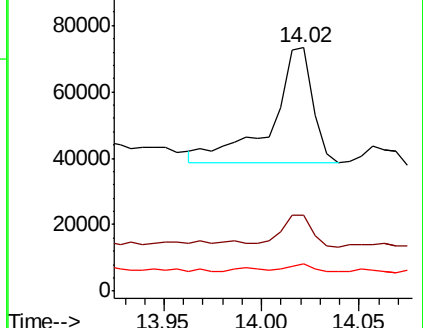
279 11.1 3.3 4.9#

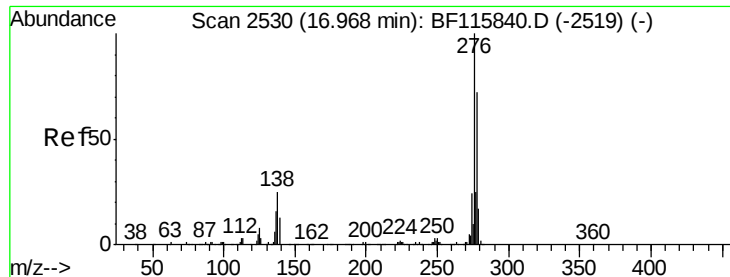


Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.171 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.05 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Instrument :

BNA_F

ClientSampleId :

SP-8

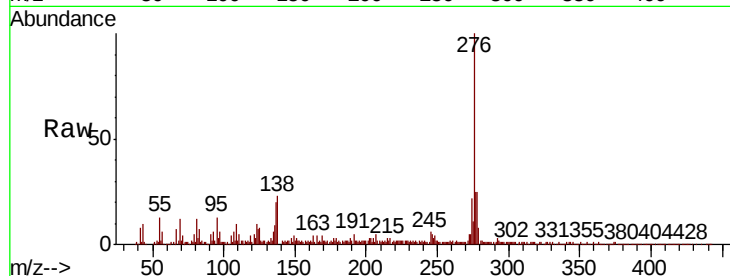
Tgt Ion:276 Resp: 433542

Ion Ratio Lower Upper

276 100

138 21.6 19.6 29.4

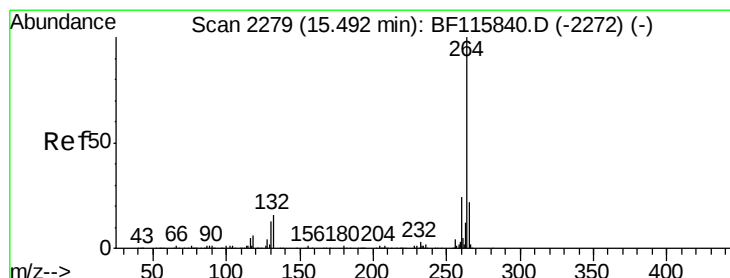
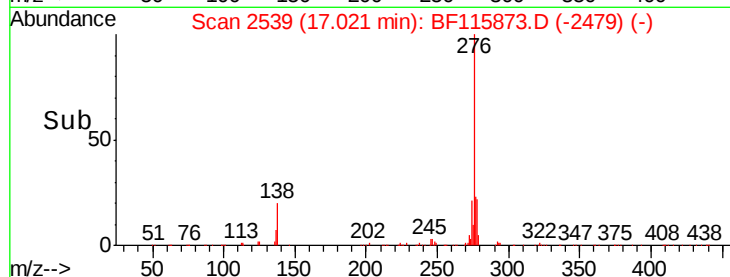
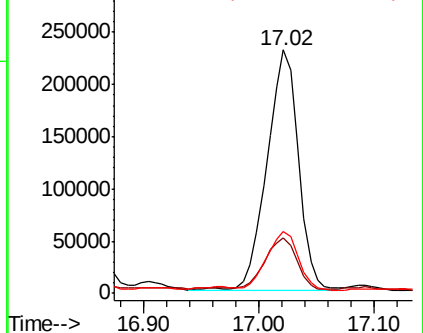
277 24.6 20.1 30.1



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: 15.54 min Scan# 2288

Delta R.T. 0.05 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

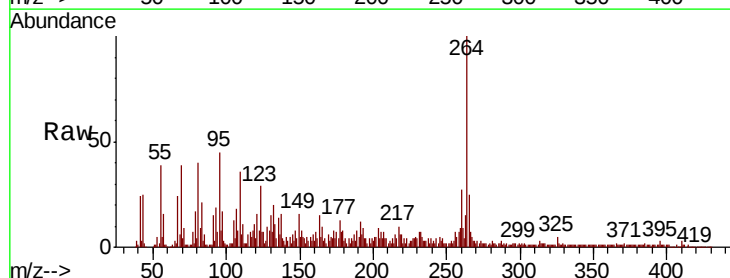
Tgt Ion:264 Resp: 305099

Ion Ratio Lower Upper

264 100

260 26.6 19.4 29.2

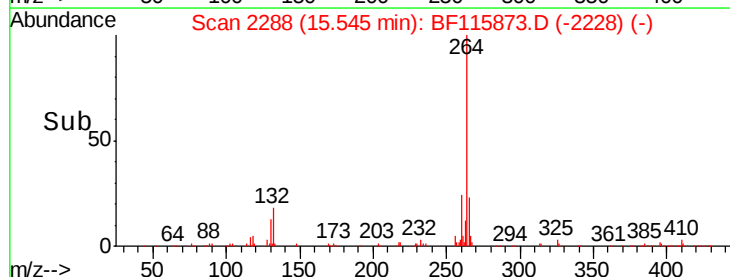
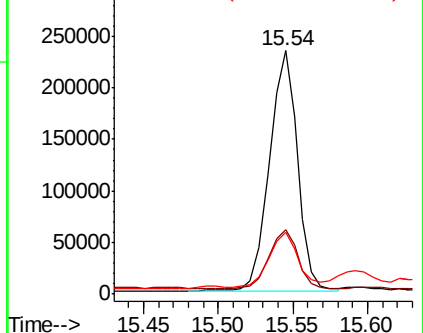
265 25.1 17.5 26.3

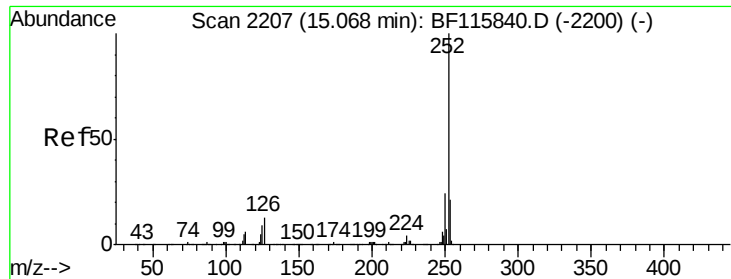


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 73.002 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.05 min

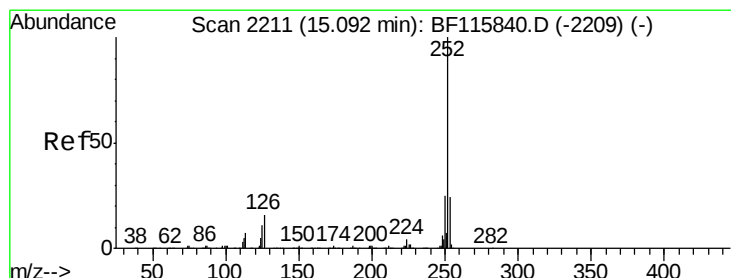
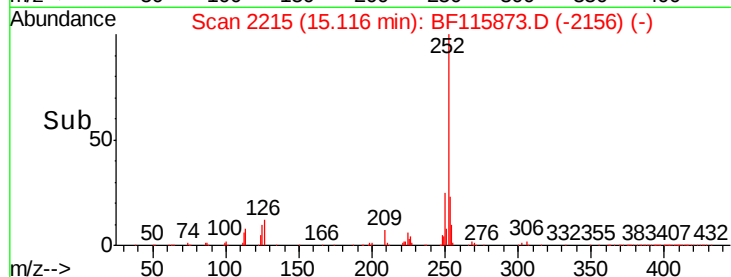
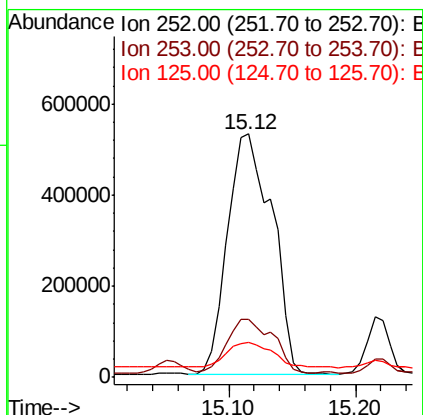
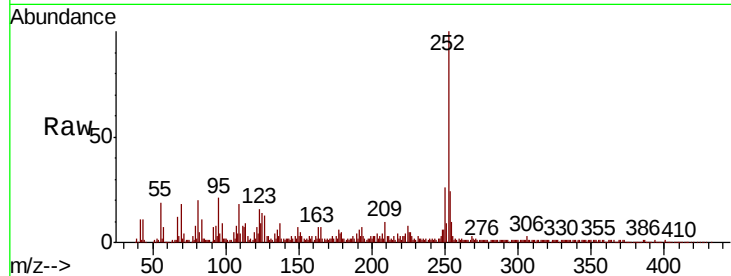
Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Instrument :
BNA_F
ClientSampleId :
SP-8

Tgt Ion:252 Resp: 1287839

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	14.4	7.4	11.0#



#89

Benzo(k)fluoranthene

Concen: 74.950 ng

RT: 15.12 min Scan# 2215

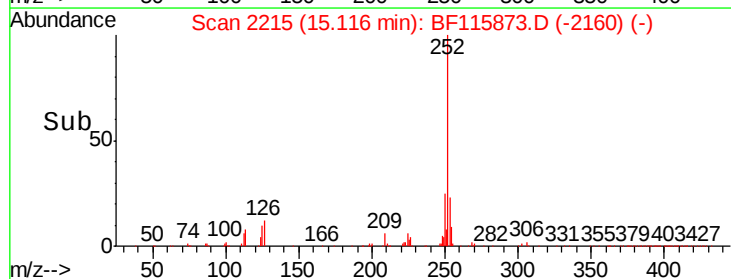
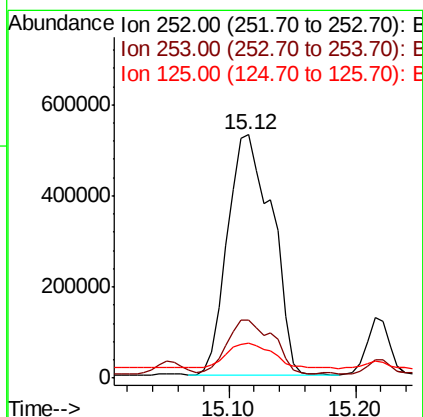
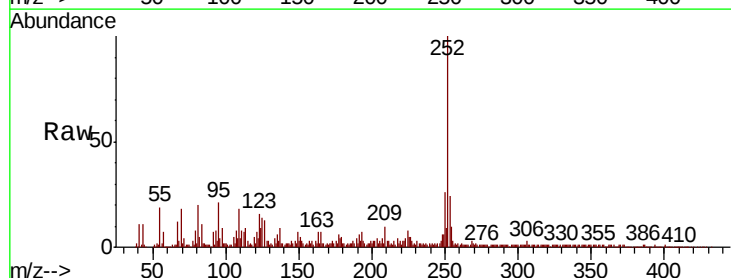
Delta R.T. 0.02 min

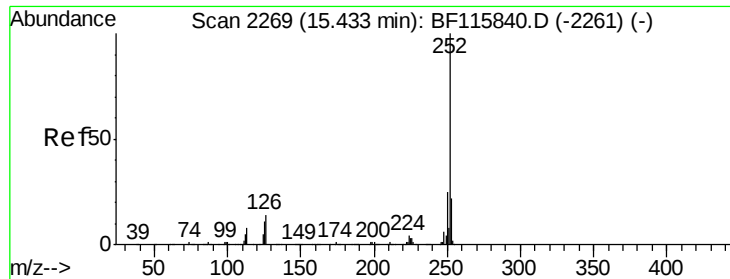
Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Tgt Ion:252 Resp: 1287839

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	14.4	8.9	13.3#





#90

Benzo(a)pyrene

Concen: 42.903 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.05 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Instrument :

BNA_F

ClientSampleId :

SP-8

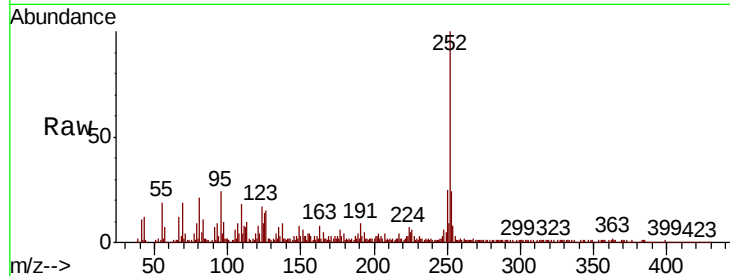
Tgt Ion:252 Resp: 676582

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.6

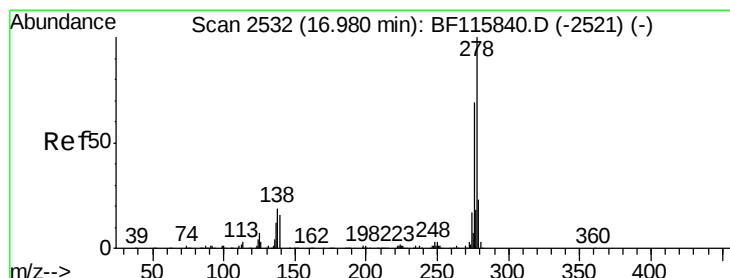
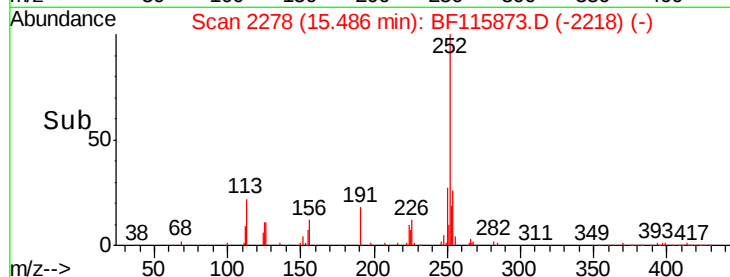
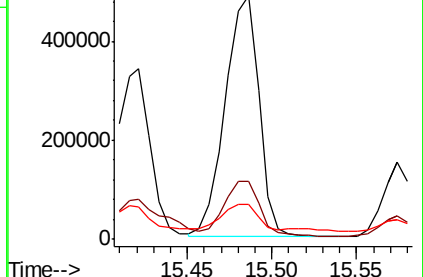
125 14.4 8.8 13.2#



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: 8.393 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.04 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

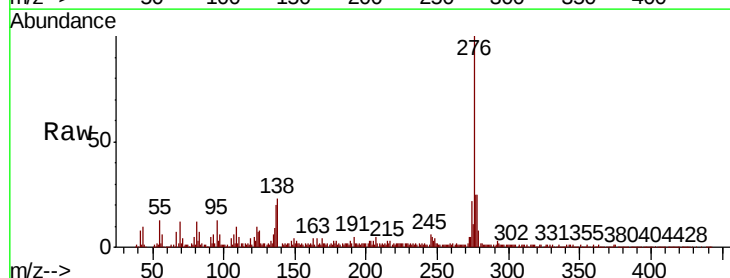
Tgt Ion:278 Resp: 114574

Ion Ratio Lower Upper

278 100

139 0.0 12.6 19.0#

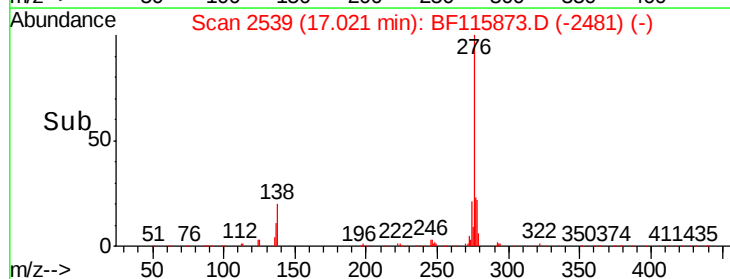
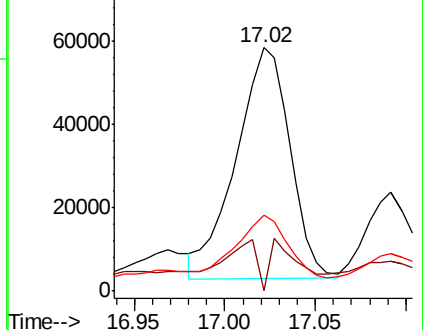
279 31.3 18.8 28.2#

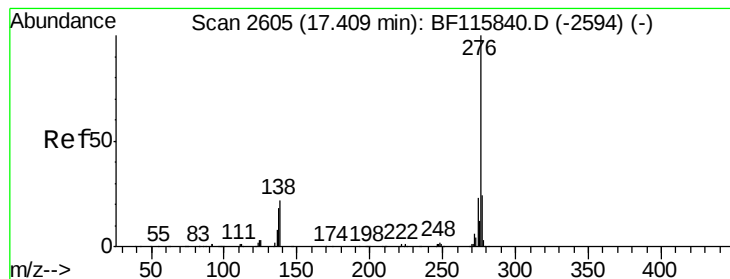


Abundance Ion 278.00 (277.70 to 278.70): E

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: 29.095 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.06 min

Lab File: BF115873.D

Acq: 31 Jul 2019 18:32

Instrument :

BNA_F

ClientSampleId :

SP-8

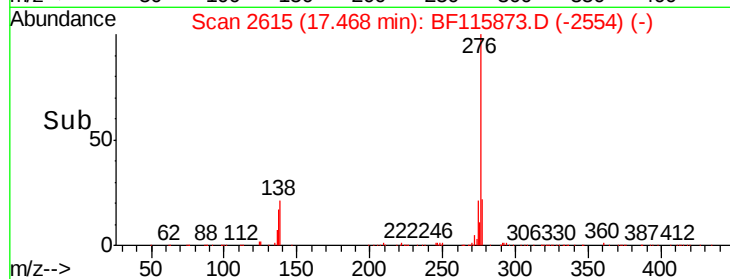
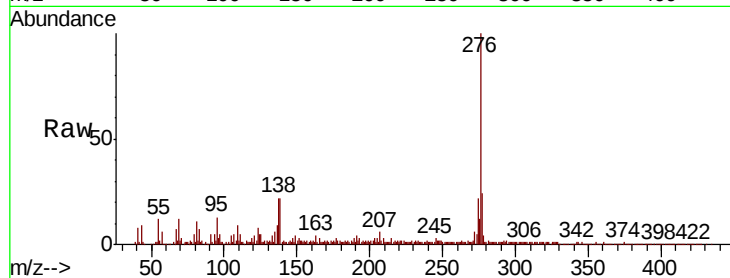
Tgt Ion: 276 Resp: 390048

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 22.4 17.8 26.8



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

