

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
 Data File : BF115872.D
 Acq On : 31 Jul 2019 18:06
 Operator : HP/JU
 Sample : K4049-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-7

Quant Time: Aug 01 04:56:24 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	133185	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	479349	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	246992	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	383211	20.00	ng	0.00
76) Chrysene-d12	14.02	240	266901	20.00	ng	0.00
87) Perylene-d12	15.49	264	368625	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	834459	104.89	ng	0.00
7) Phenol-d6	6.48	99	1085287	108.12	ng	0.00
23) Nitrobenzene-d5	7.41	82	666242	80.23	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	240875	100.59	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1039534	78.83	ng	0.00
79) Terphenyl-d14	12.96	244	816643	64.47	ng	0.00

Target Compounds

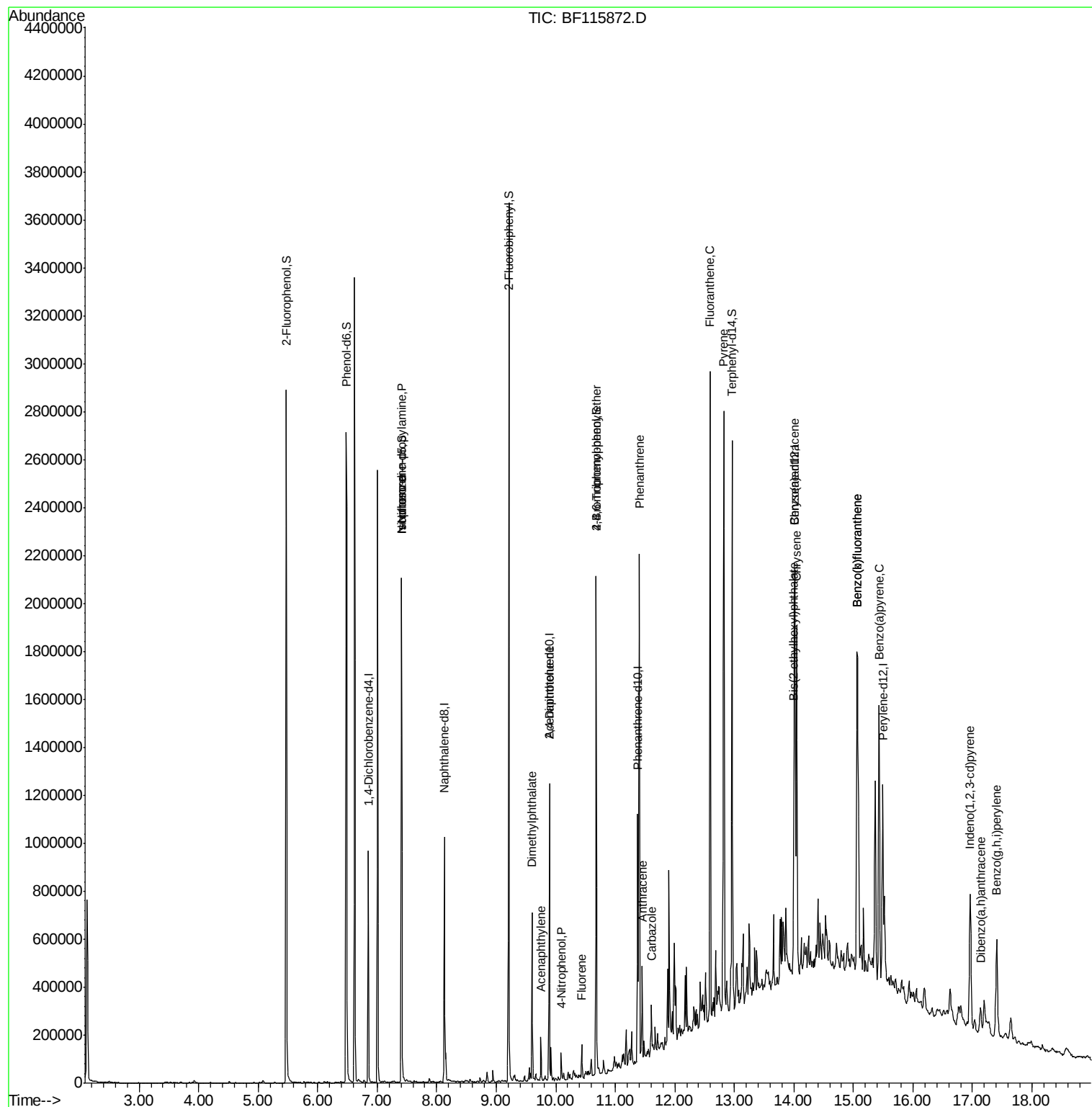
						Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	89730	14.426	ng	# 79
25) Isophorone	7.41	82	659984	41.563	ng	# 66
49) Acenaphthylene	9.75	152	67889	3.206	ng	98
50) Dimethylphthalate	9.60	163	258422	15.366	ng	98
56) 4-Nitrophenol	10.09	139	13898	4.804	ng	# 12
57) 2,4-Dinitrotoluene	9.89	165	32660	6.712	ng	# 25
58) Fluorene	10.44	166	39162	2.695	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	14973	3.650	ng	# 1
71) Phenanthrene	11.40	178	778004	39.713	ng	99
72) Anthracene	11.45	178	141749	7.149	ng	98
73) Carbazole	11.60	167	72542	4.033	ng	98
75) Fluoranthene	12.59	202	1104421	53.850	ng	97
78) Pyrene	12.82	202	1058903	52.631	ng	99
81) Benzo(a)anthracene	14.01	228	570323	33.432	ng	95
83) Chrysene	14.04	228	529380	31.964	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	44456	4.020	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	376012	27.031	ng	97
88) Benzo(b)fluoranthene	15.06	252	1036853	48.646	ng	# 95
89) Benzo(k)fluoranthene	15.06	252	1036853	49.944	ng	98
90) Benzo(a)pyrene	15.43	252	589592	30.944	ng	97
91) Dibenzo(a,h)anthracene	17.13	278	74217	4.500	ng	93
92) Benzo(g,h,i)perylene	17.41	276	347555	21.457	ng	98

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

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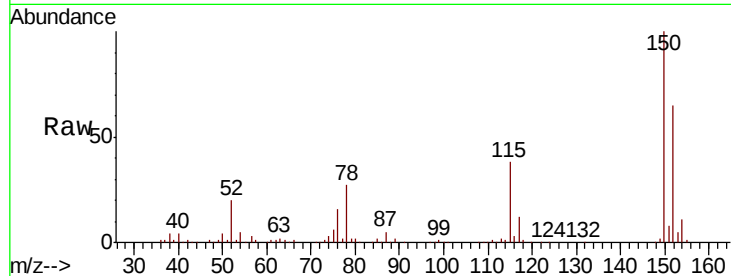


#1

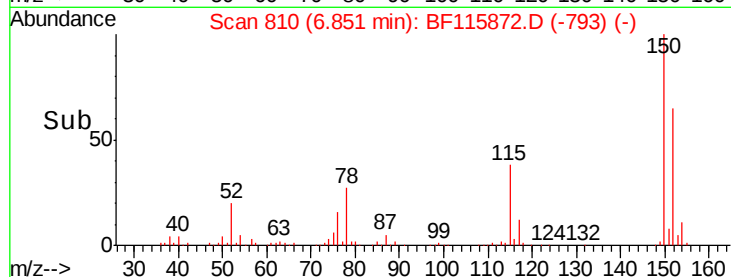
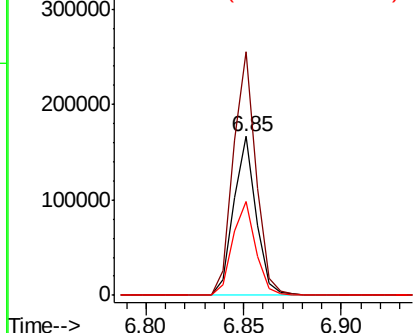
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

Instrument :
BNA_F
ClientSampleId :
SP-7

Tgt Ion:152 Resp: 133185
Ion Ratio Lower Upper
152 100
150 153.1 127.4 191.0
115 58.9 51.8 77.8



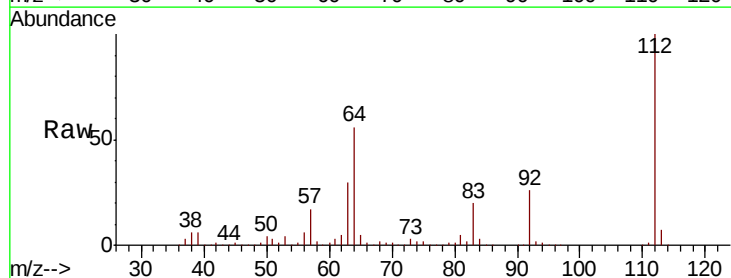
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



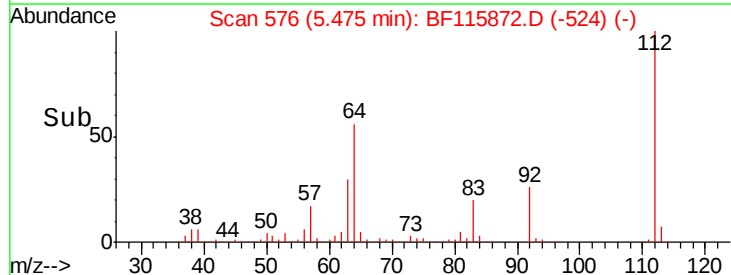
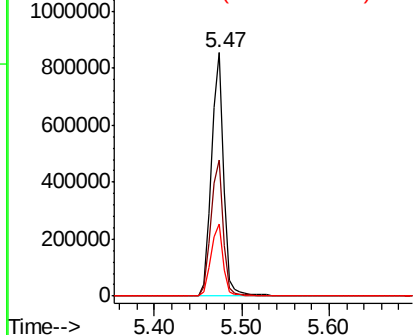
#5

2-Fluorophenol
Concen: 104.887 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

Tgt Ion:112 Resp: 834459
Ion Ratio Lower Upper
112 100
64 56.0 46.8 70.2
63 29.5 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: 108.122 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

Instrument :

BNA_F

ClientSampled :

SP-7

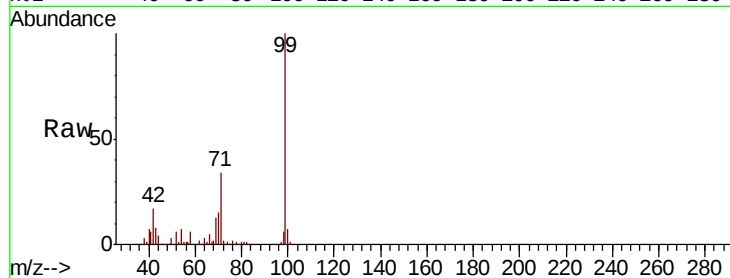
Tgt Ion: 99 Resp: 1085287

Ion Ratio Lower Upper

99 100

42 17.5 13.8 20.6

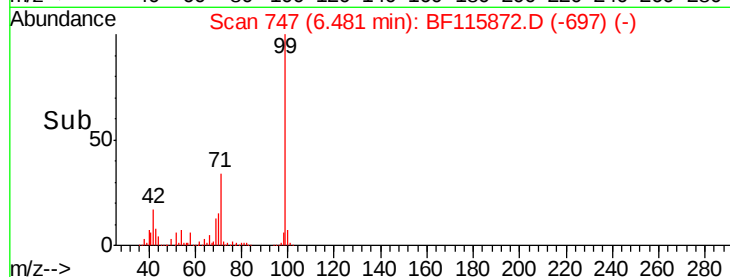
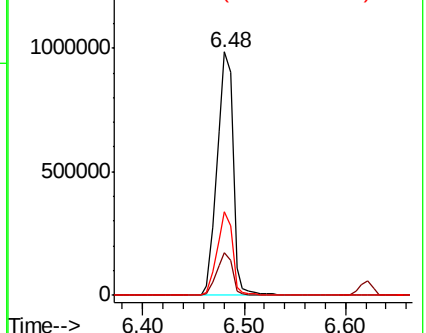
71 34.3 27.1 40.7



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: 14.426 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

Tgt Ion: 70 Resp: 89730

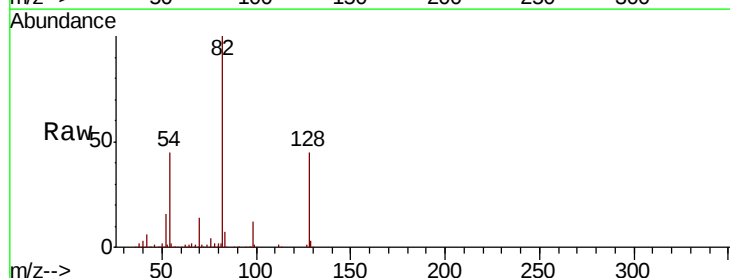
Ion Ratio Lower Upper

70 100

42 44.3 41.8 62.8

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#

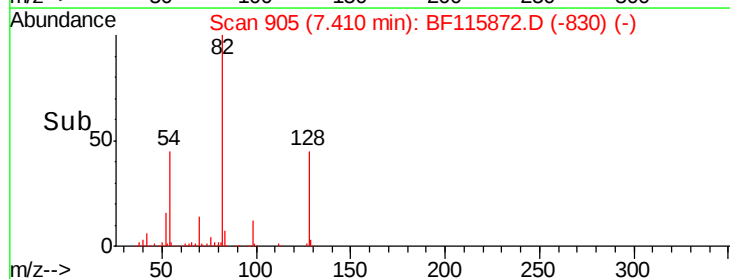
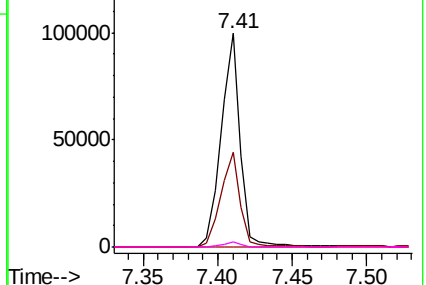


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

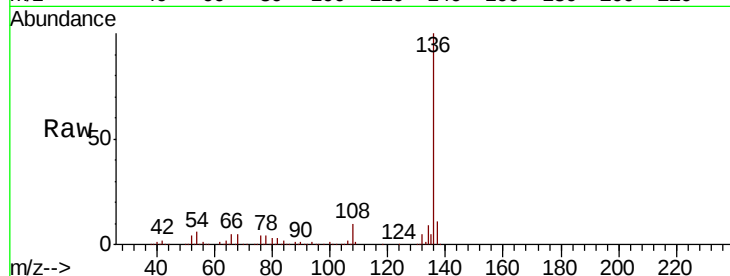




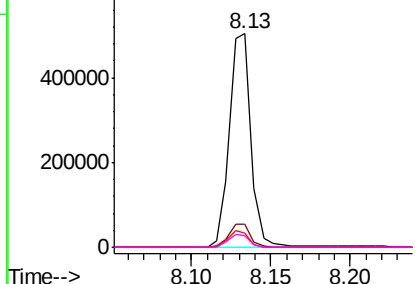
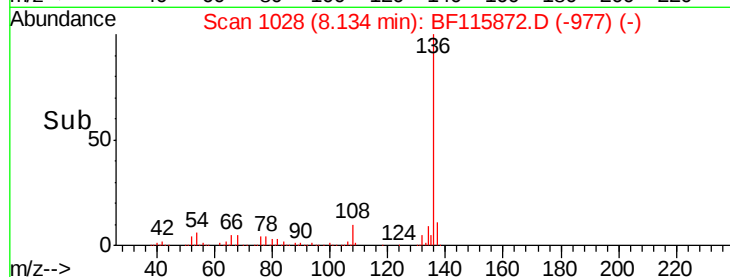
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

Instrument :
BNA_F
ClientSampleId :
SP-7

Tgt Ion:	136	Resp:	479349
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.4	6.1	9.1
68	5.4	5.4	8.2

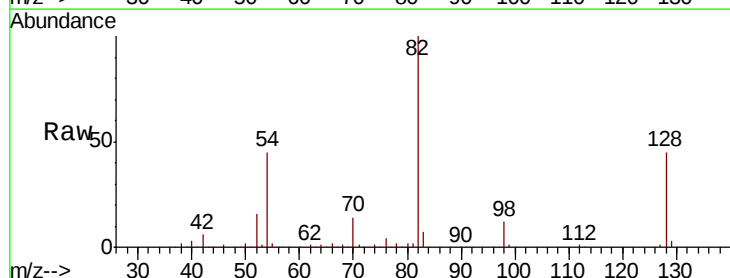


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

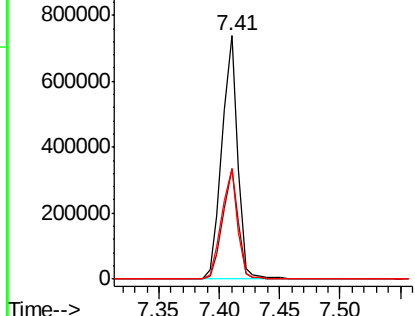
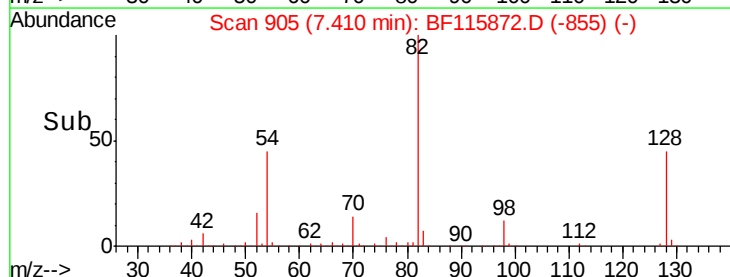


#23
Nitrobenzene-d5
Concen: 80.229 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

Tgt Ion:	82	Resp:	666242
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.6	55.0
54	45.3	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: 41.563 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

Instrument :

BNA_F

ClientSampleId :

SP-7

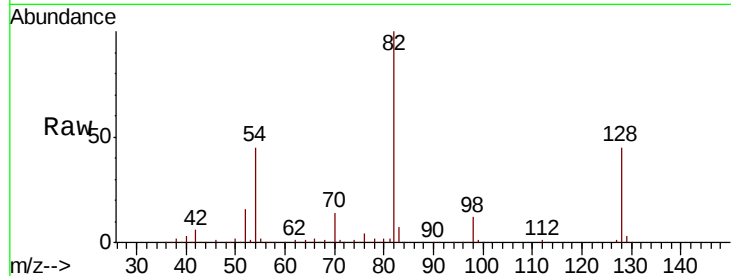
Tgt Ion: 82 Resp: 659984

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

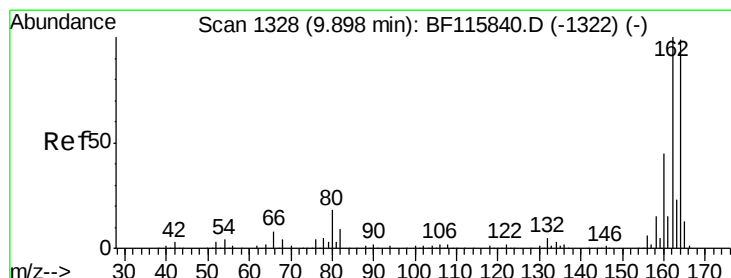
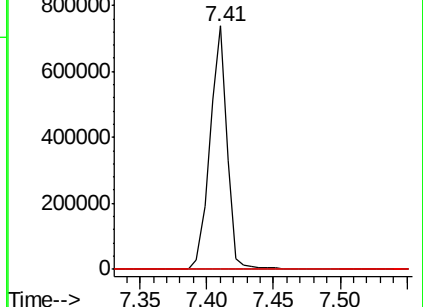
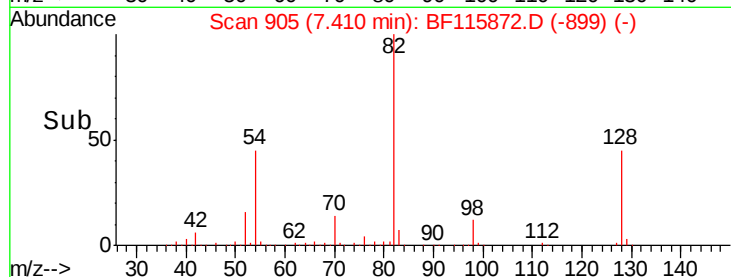
138 0.0 13.9 20.9#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

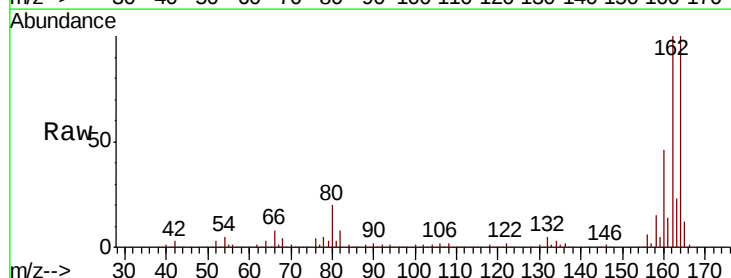
Tgt Ion: 164 Resp: 246992

Ion Ratio Lower Upper

164 100

162 100.4 80.8 121.2

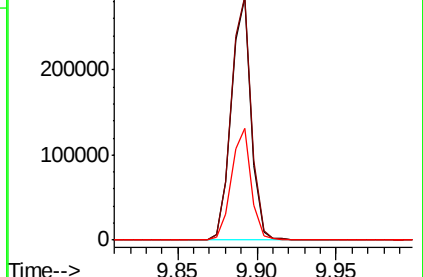
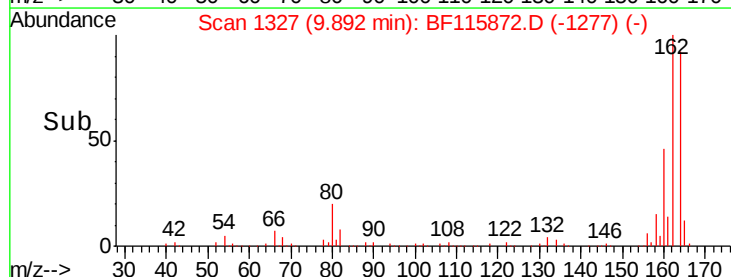
160 45.9 36.2 54.4



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: 100.589 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

Instrument :

BNA_F

ClientSampleId :

SP-7

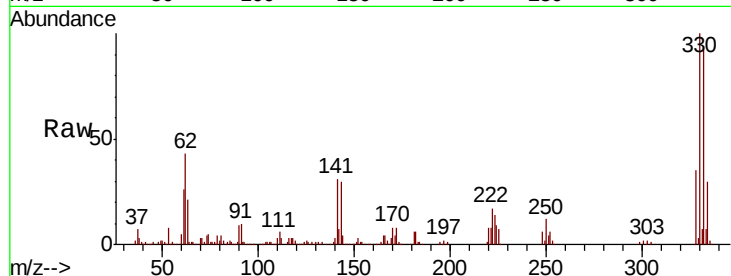
Tgt Ion:330 Resp: 240875

Ion Ratio Lower Upper

330 100

332 95.4 77.7 116.5

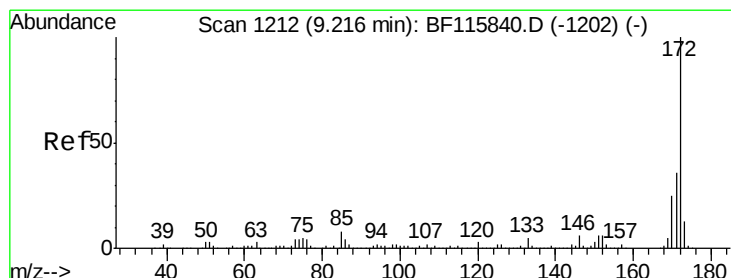
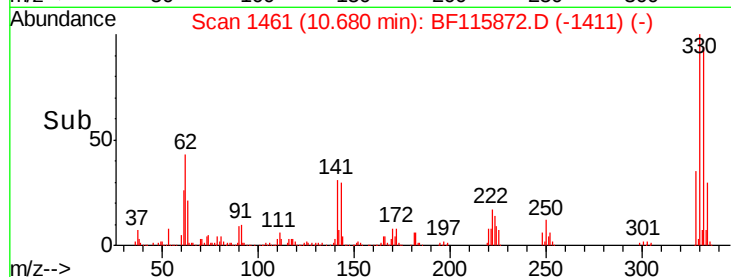
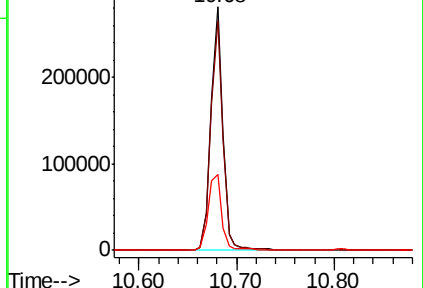
141 36.4 28.1 42.1



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: 78.833 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

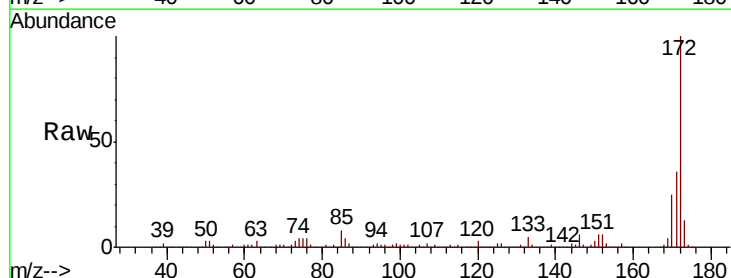
Tgt Ion:172 Resp: 1039534

Ion Ratio Lower Upper

172 100

171 36.1 29.1 43.7

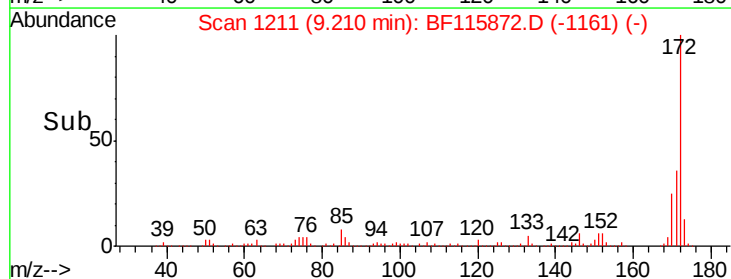
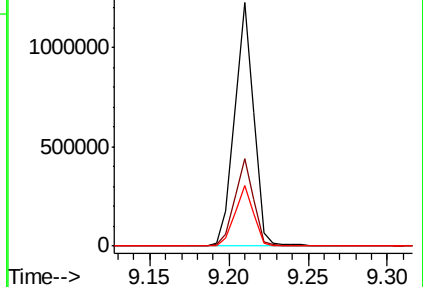
170 24.8 20.1 30.1

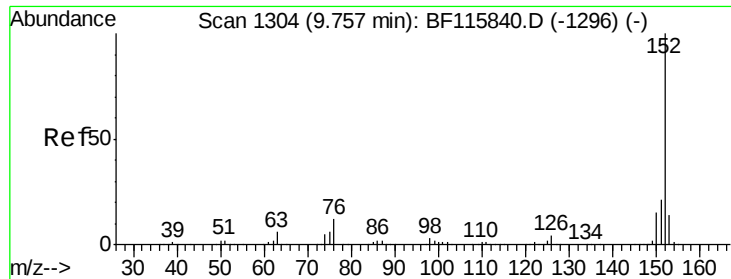


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 3.206 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

Instrument :

BNA_F

ClientSampled :

SP-7

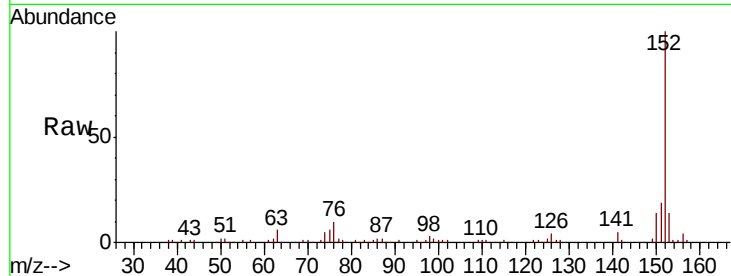
Tgt Ion:152 Resp: 67889

Ion Ratio Lower Upper

152 100

151 19.2 16.8 25.2

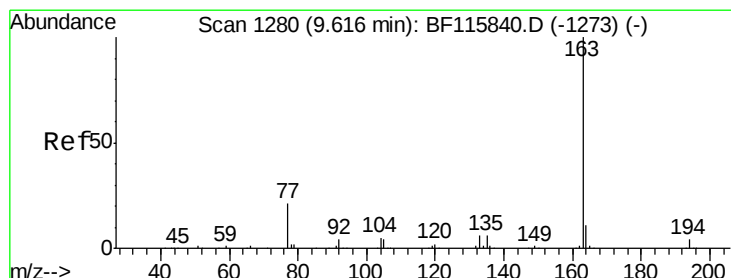
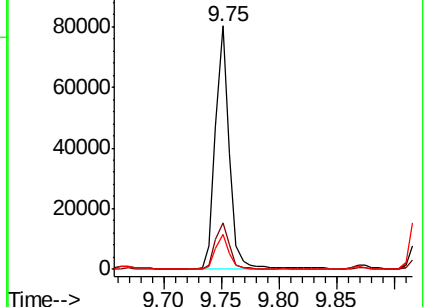
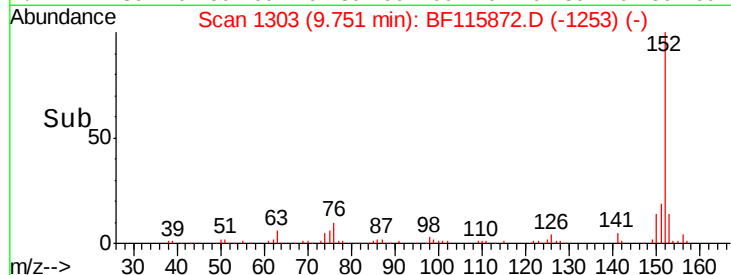
153 14.4 11.6 17.4



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: 15.366 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

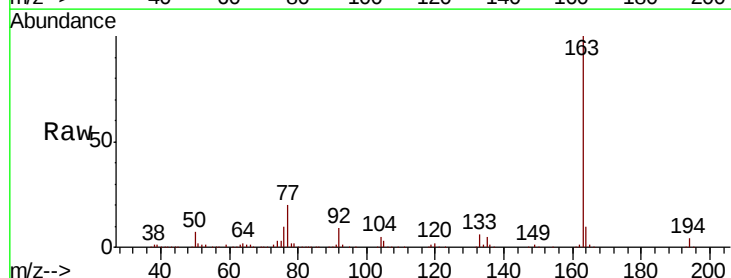
Tgt Ion:163 Resp: 258422

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

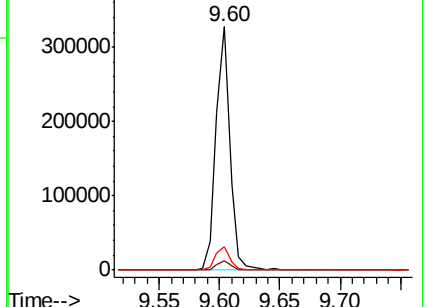
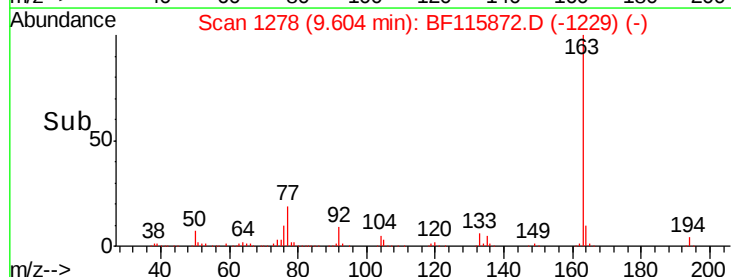
164 9.7 8.4 12.6

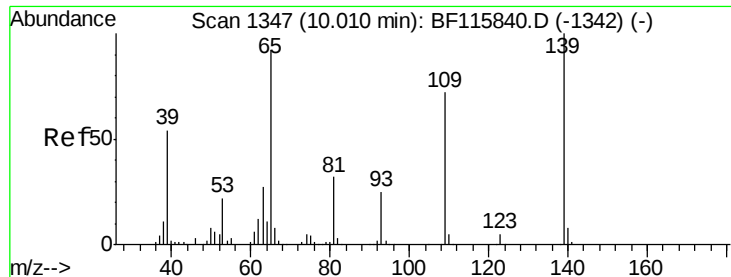


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

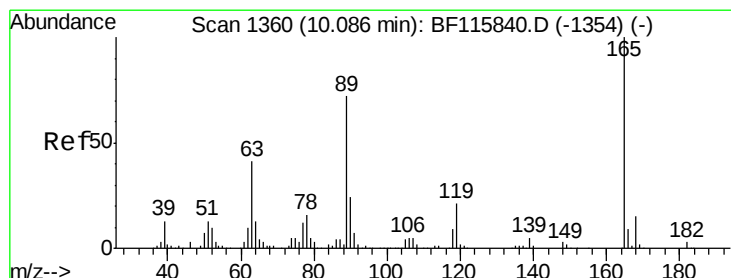
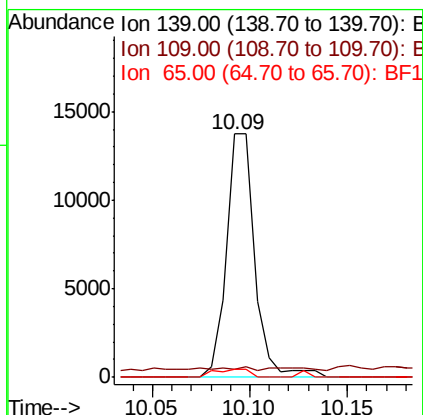
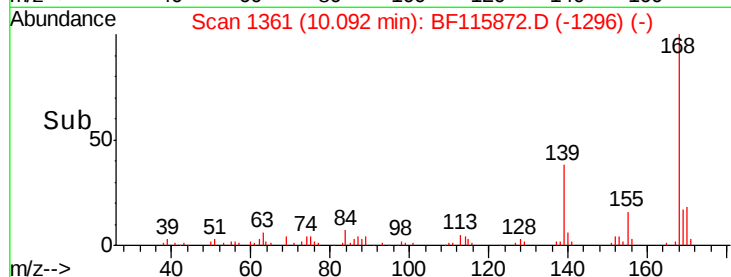
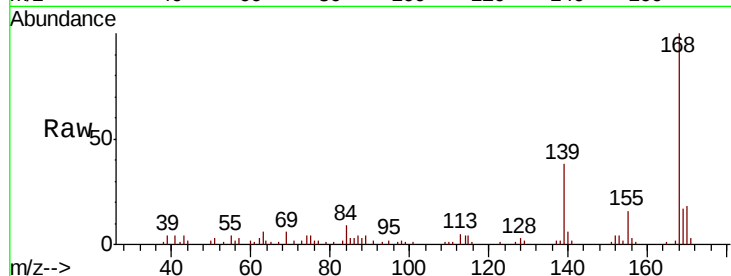




#56
4-Nitrophenol
Concen: 4.804 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

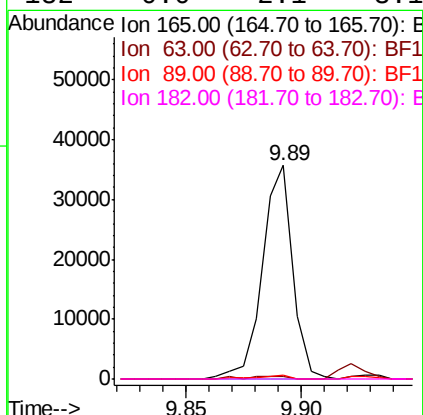
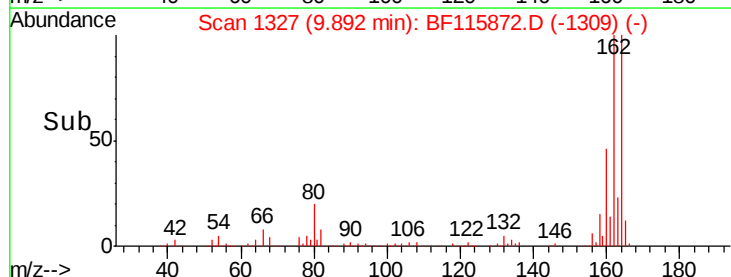
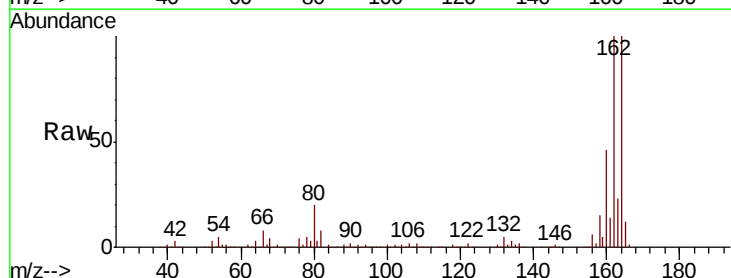
Instrument :
BNA_F
ClientSampleId :
SP-7

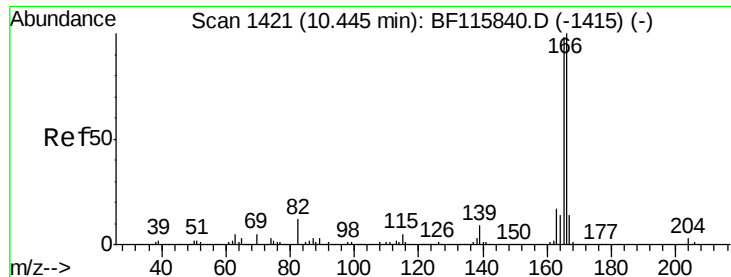
Tgt Ion:139 Resp: 13898
Ion Ratio Lower Upper
139 100
109 3.2 52.0 92.0#
65 3.5 72.6 112.6#



#57
2,4-Dinitrotoluene
Concen: 6.712 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

Tgt Ion:165 Resp: 32660
Ion Ratio Lower Upper
165 100
63 1.0 33.2 49.8#
89 1.9 57.3 85.9#
182 0.0 2.1 3.1#

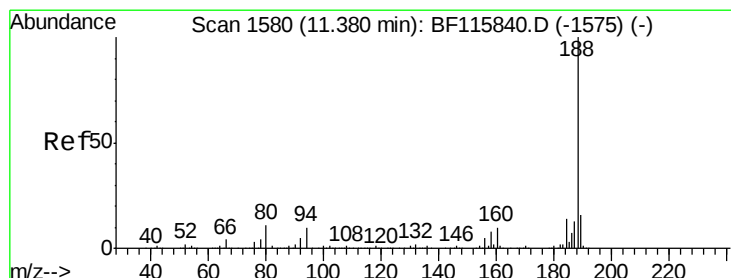
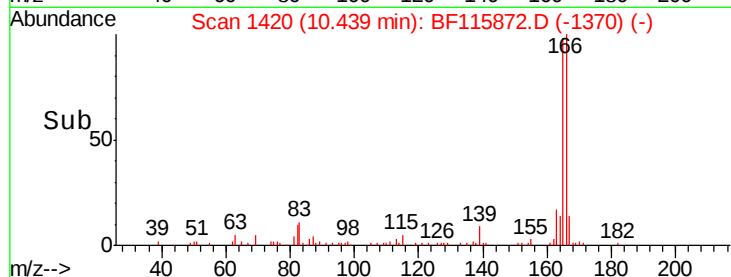
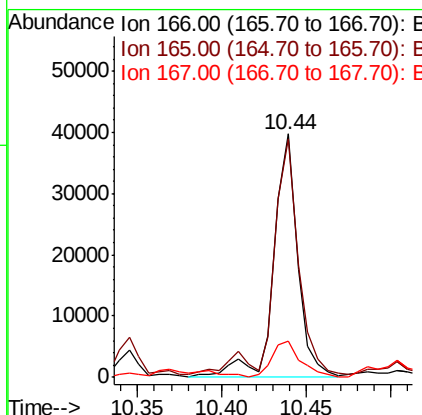
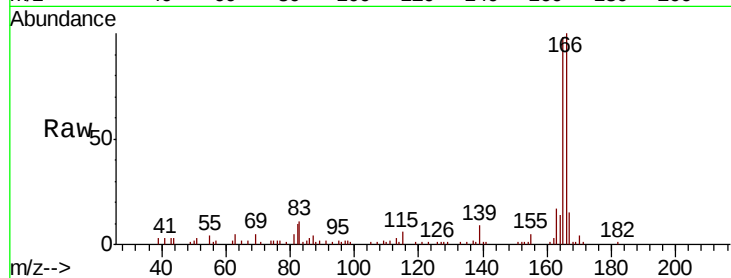




#58
 Fluorene
 Concen: 2.695 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF115872.D
 Acq: 31 Jul 2019 18:06

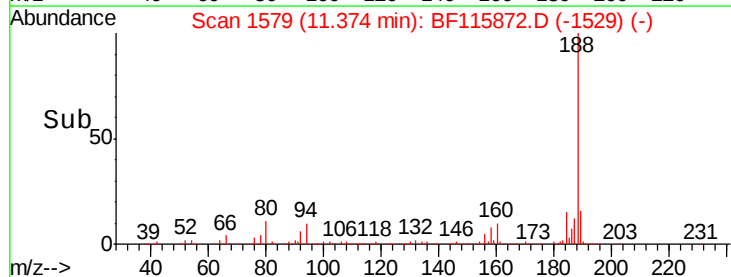
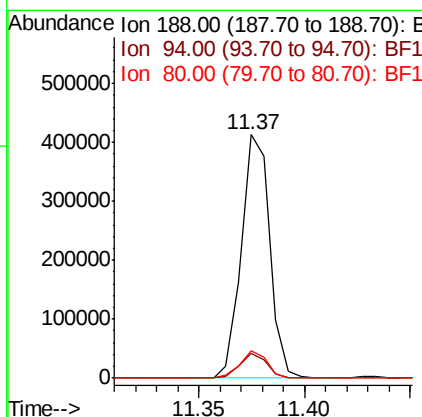
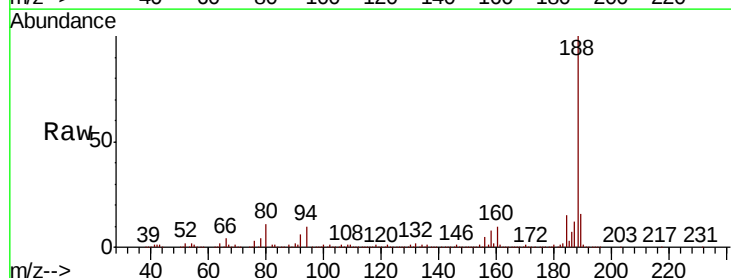
Instrument :
 BNA_F
 ClientSampled :
 SP-7

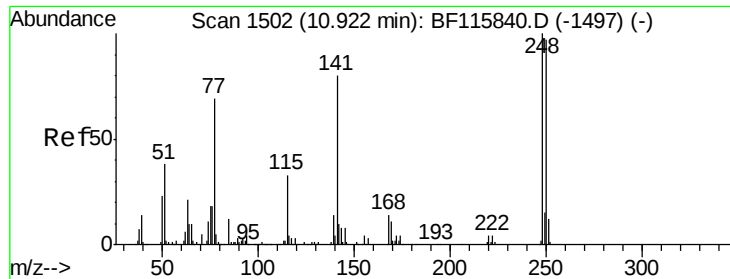
Tgt Ion:166 Resp: 39162
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.6 118.0
 167 14.8 10.9 16.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF115872.D
 Acq: 31 Jul 2019 18:06

Tgt Ion:188 Resp: 383211
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.0 12.0
 80 11.1 8.6 12.8

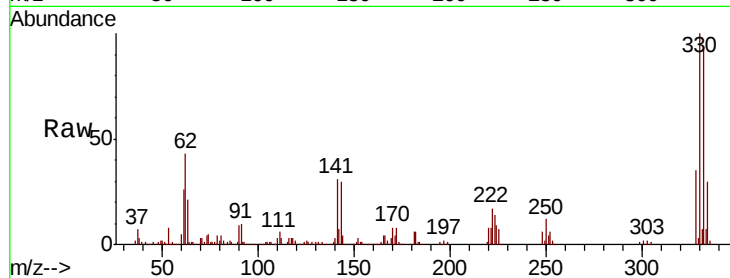




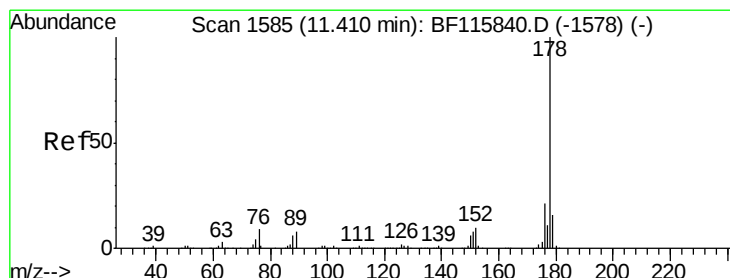
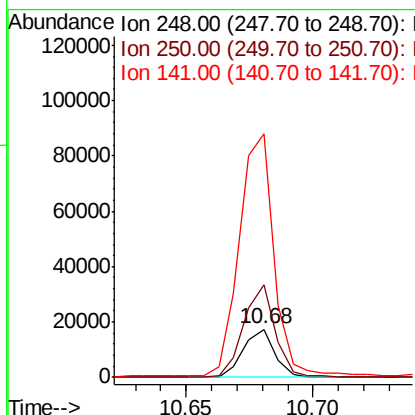
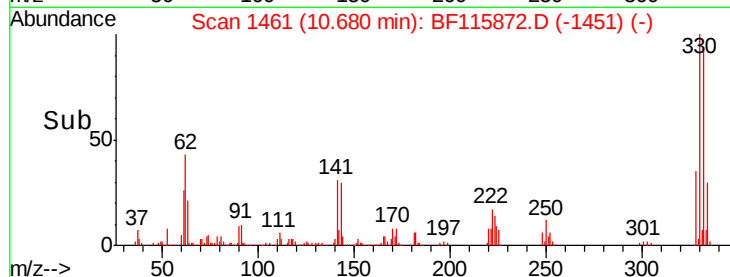
#67
 4-Bromophenyl-phenylether
 Concen: 3.650 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115872.D
 Acq: 31 Jul 2019 18:06

Instrument :
 BNA_F
 ClientSampled :
 SP-7

Tgt Ion:248 Resp: 14973
 Ion Ratio Lower Upper
 248 100
 250 193.7 77.8 116.6#
 141 508.6 64.3 96.5#

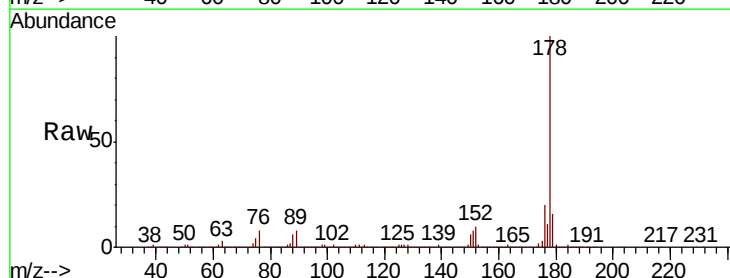


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

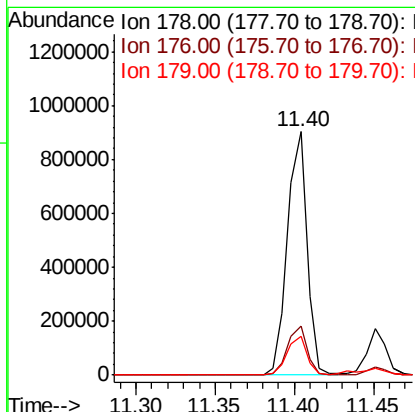
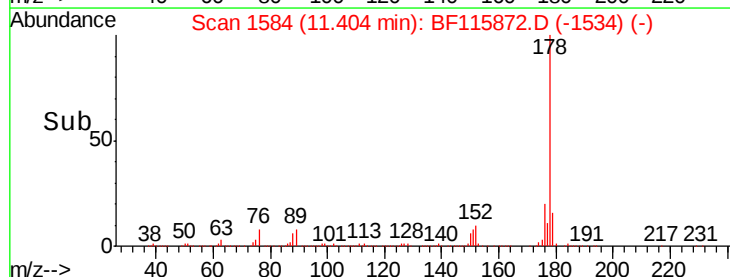


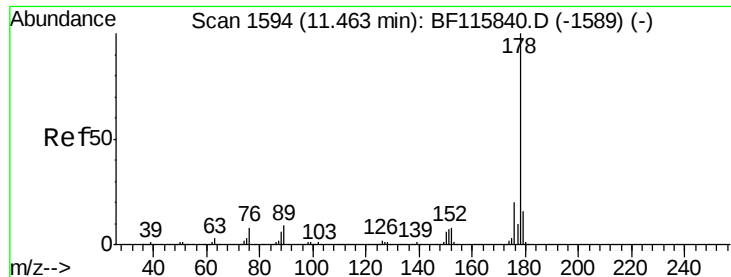
#71
 Phenanthrene
 Concen: 39.713 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF115872.D
 Acq: 31 Jul 2019 18:06

Tgt Ion:178 Resp: 778004
 Ion Ratio Lower Upper
 178 100
 176 20.0 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: 7.149 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

Instrument :

BNA_F

ClientSampleId :

SP-7

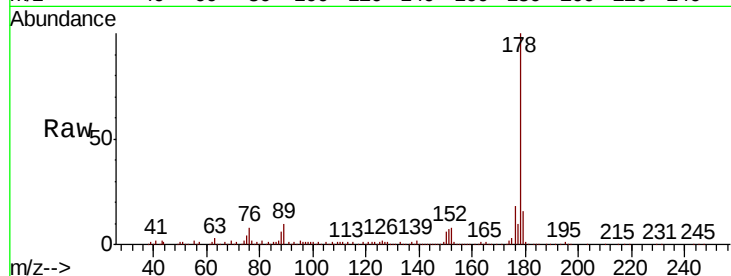
Tgt Ion:178 Resp: 141749

Ion Ratio Lower Upper

178 100

176 18.3 15.7 23.5

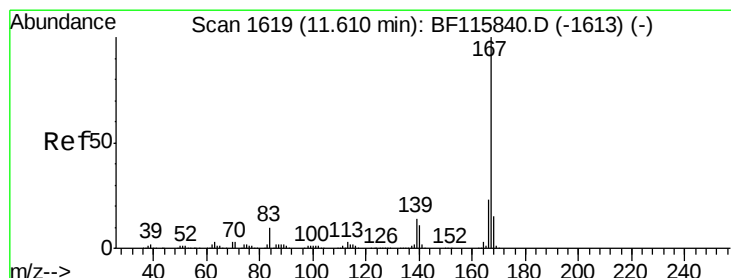
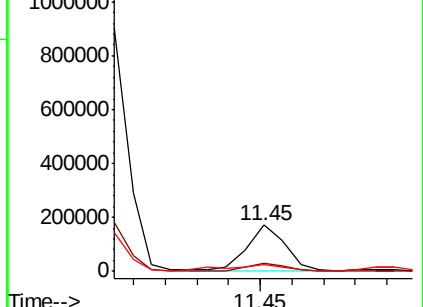
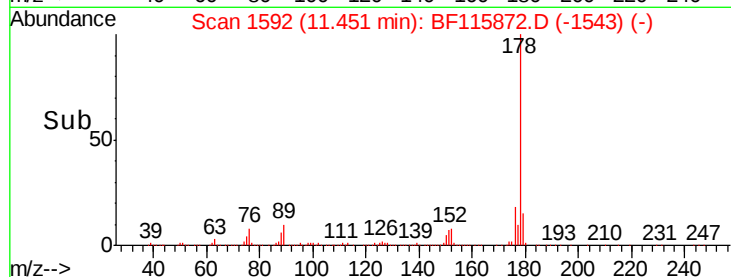
179 15.5 12.4 18.6



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: 4.033 ng

RT: 11.60 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

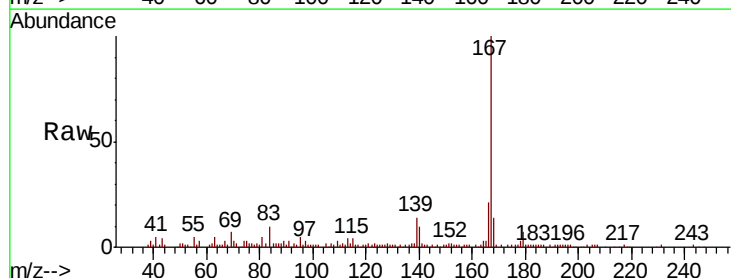
Tgt Ion:167 Resp: 72542

Ion Ratio Lower Upper

167 100

166 21.4 18.0 27.0

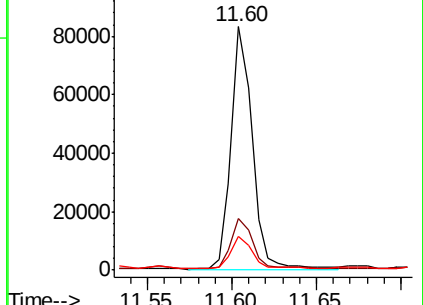
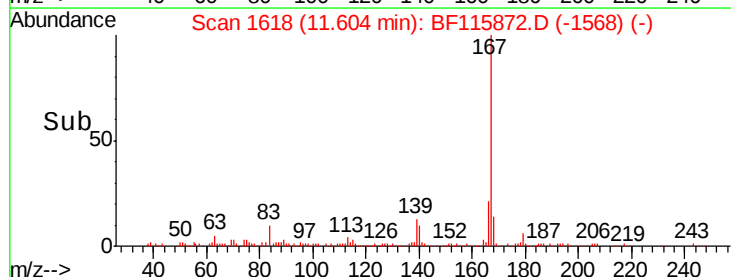
139 13.7 11.4 17.2

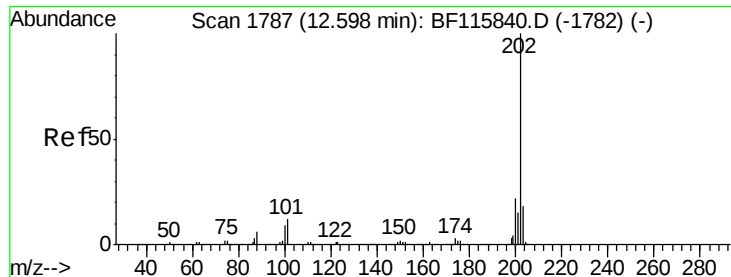


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 53.850 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

Instrument :

BNA_F

ClientSampleId :

SP-7

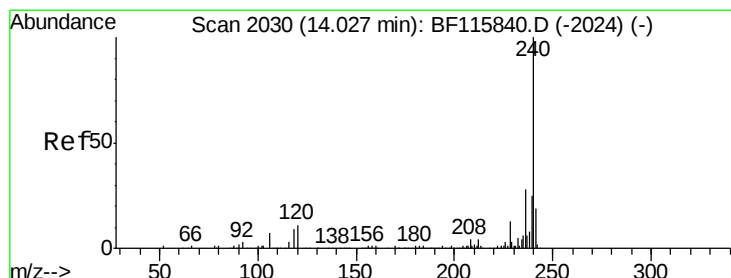
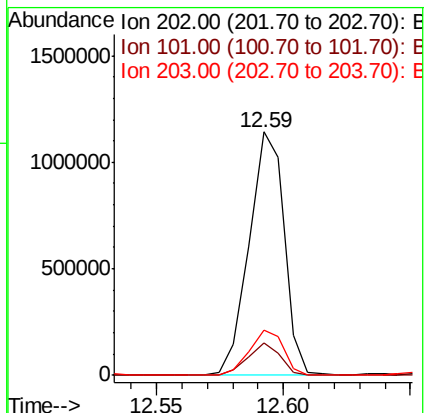
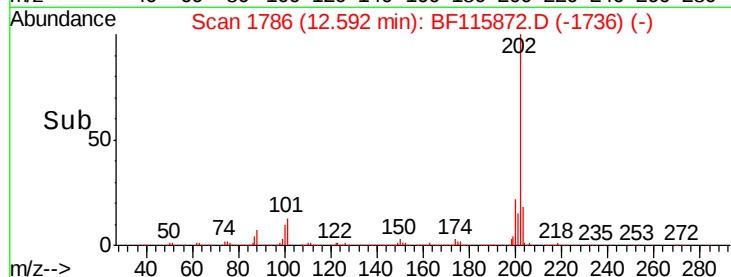
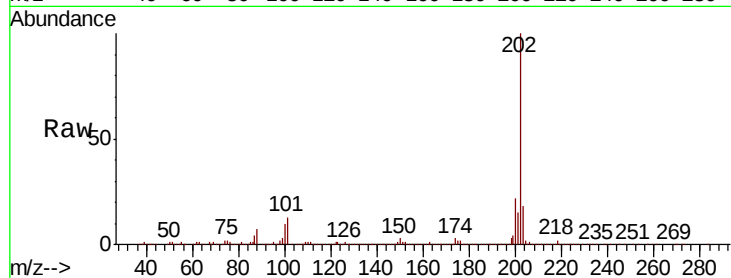
Tgt Ion:202 Resp: 1104421

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.5

203 18.3 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

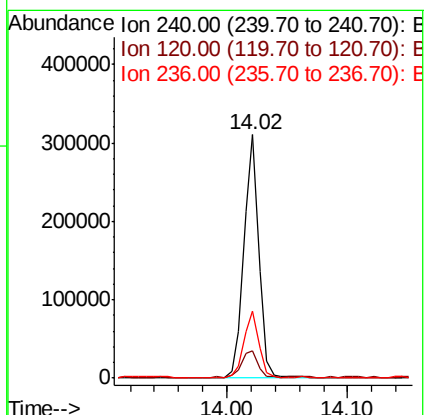
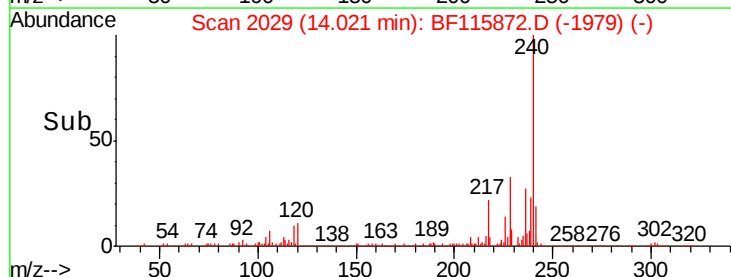
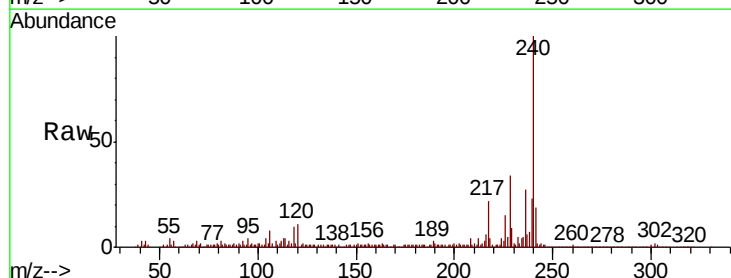
Tgt Ion:240 Resp: 266901

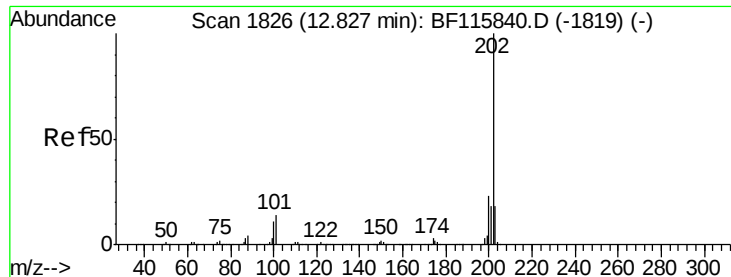
Ion Ratio Lower Upper

240 100

120 11.5 8.5 12.7

236 27.3 22.2 33.2





#78

Pyrene

Concen: 52.631 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

Instrument :

BNA_F

ClientSampled :

SP-7

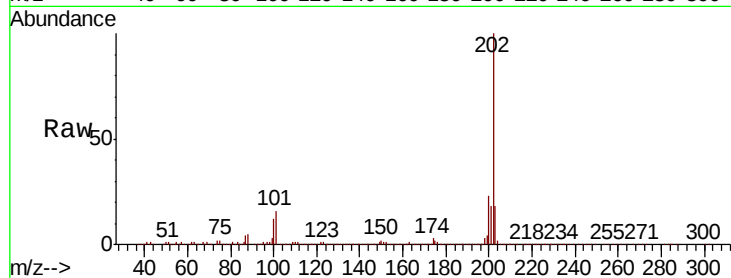
Tgt Ion:202 Resp: 1058903

Ion Ratio Lower Upper

202 100

200 23.1 18.2 27.2

203 18.5 14.3 21.5

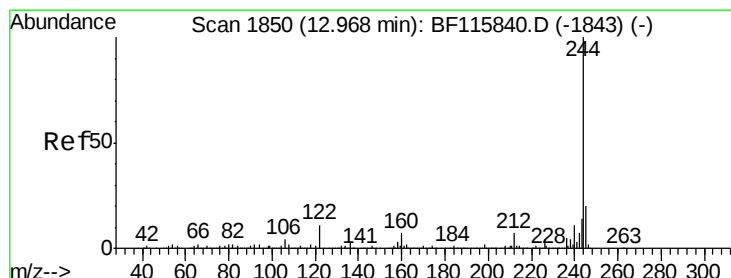
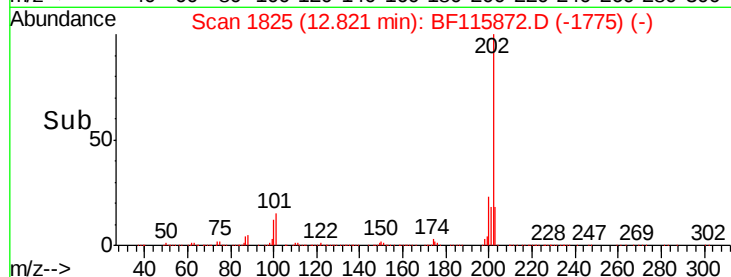
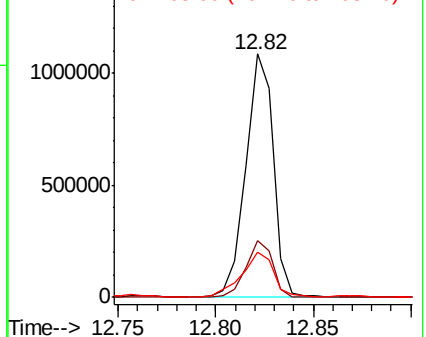


Abundance

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: 64.473 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

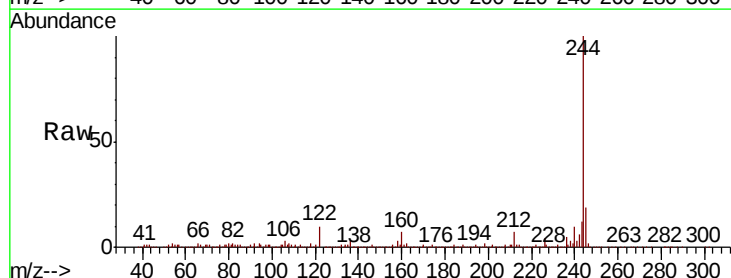
Tgt Ion:244 Resp: 816643

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.2 8.6 13.0

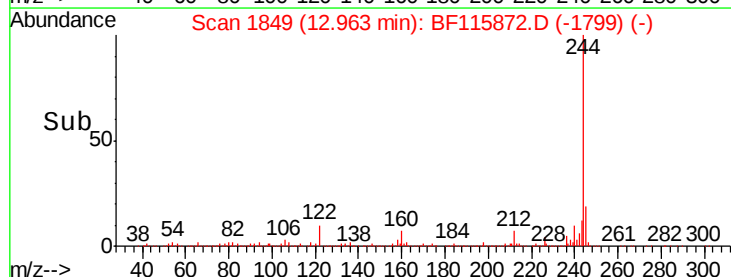
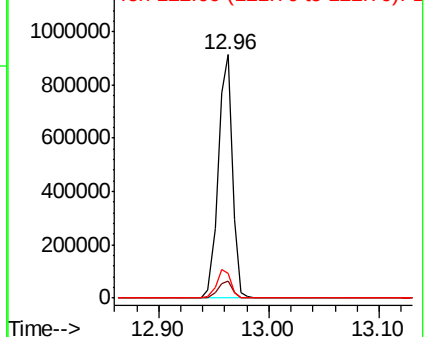


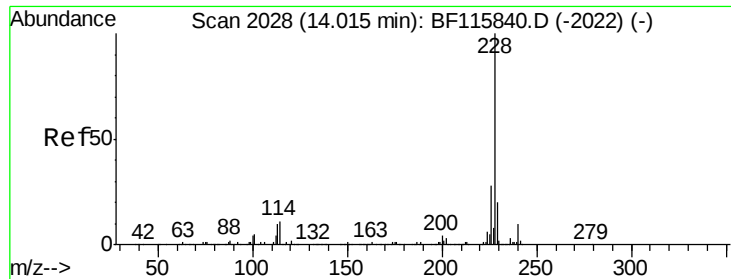
Abundance

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

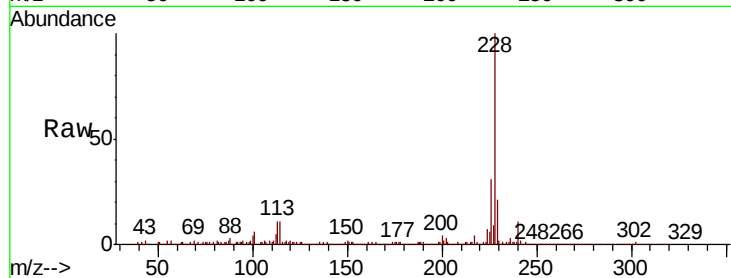




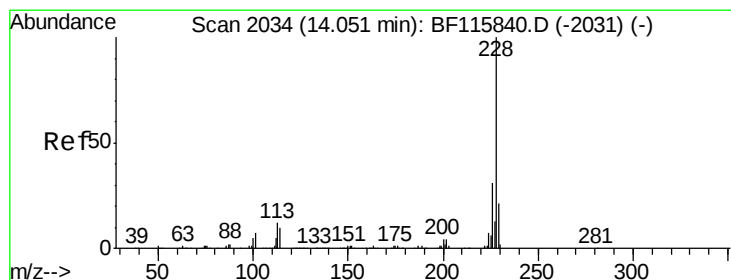
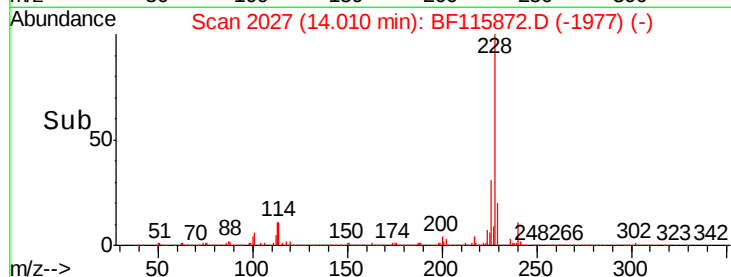
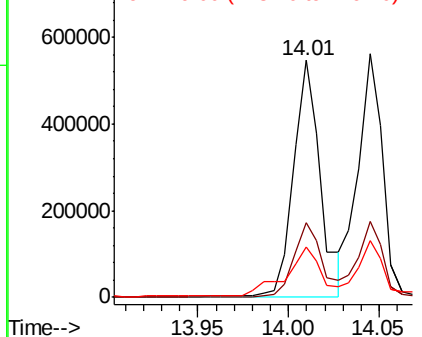
#81
Benzo(a)anthracene
Concen: 33.432 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

Instrument :
BNA_F
ClientSampleId :
SP-7

Tgt Ion:228 Resp: 570323
Ion Ratio Lower Upper
228 100
226 31.5 22.5 33.7
229 21.0 16.1 24.1

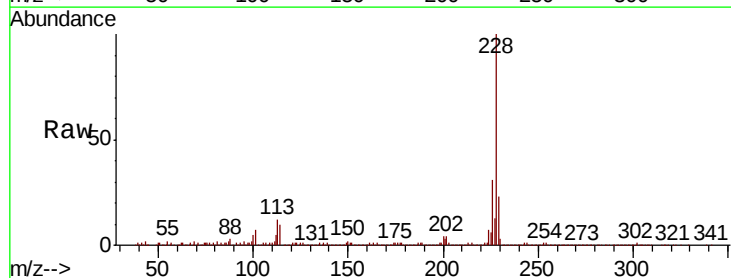


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

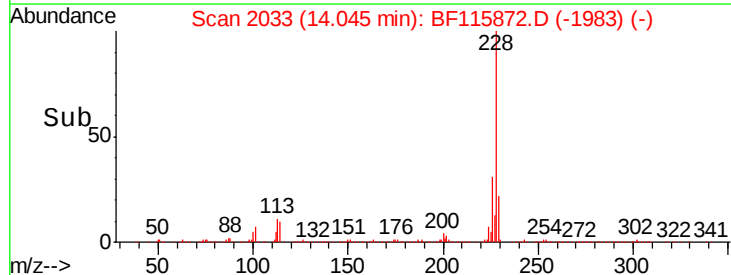
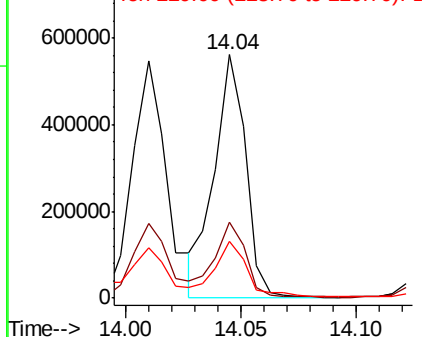


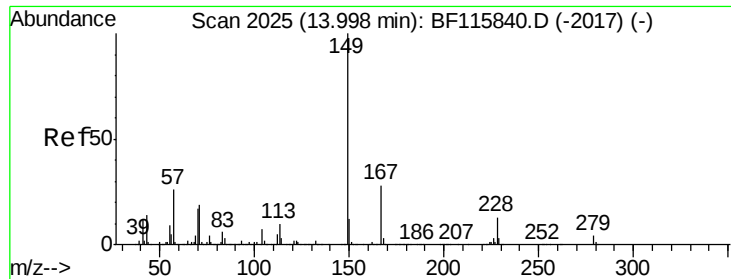
#83
Chrysene
Concen: 31.964 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

Tgt Ion:228 Resp: 529380
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 23.0 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: 4.020 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

Instrument :

BNA_F

ClientSampleId :

SP-7

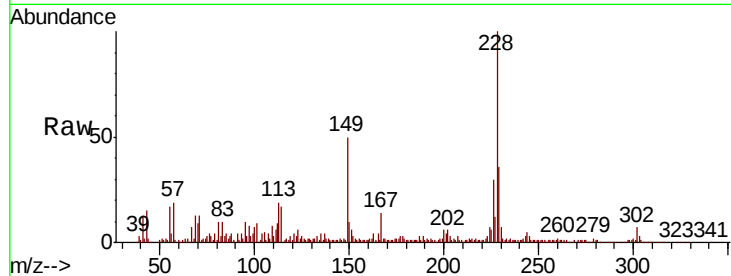
Tgt Ion:149 Resp: 44456

Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

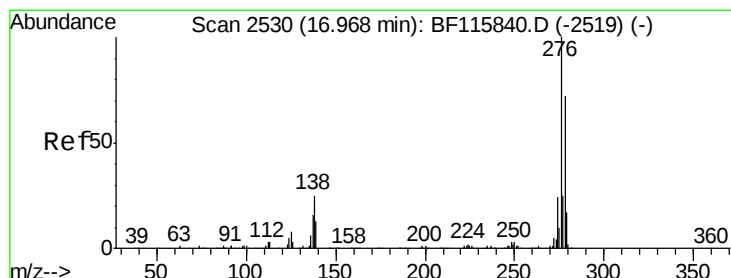
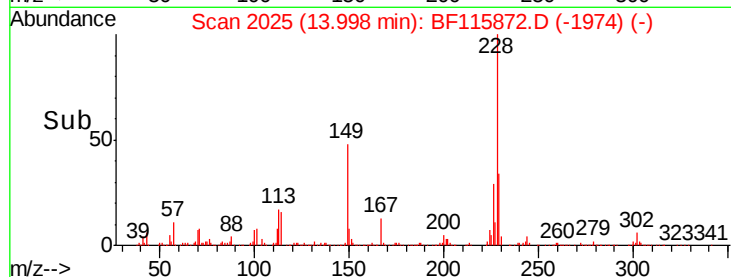
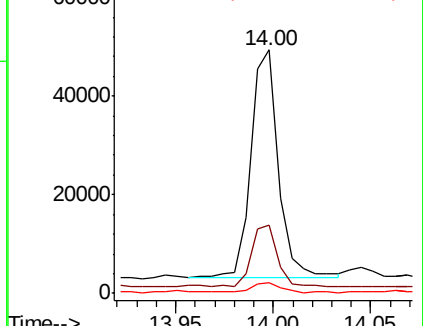
279 4.4 3.3 4.9



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: 27.031 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF115872.D

Acq: 31 Jul 2019 18:06

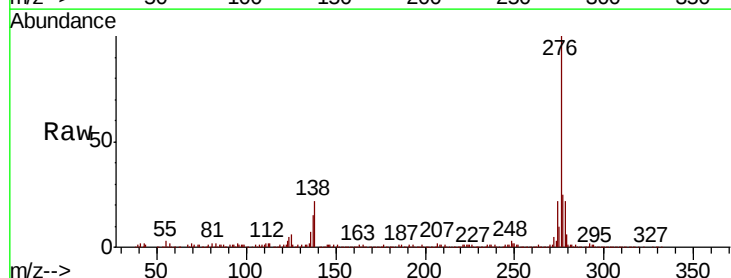
Tgt Ion:276 Resp: 376012

Ion Ratio Lower Upper

276 100

138 21.9 19.6 29.4

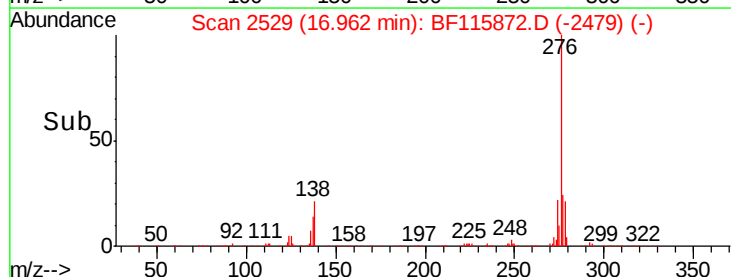
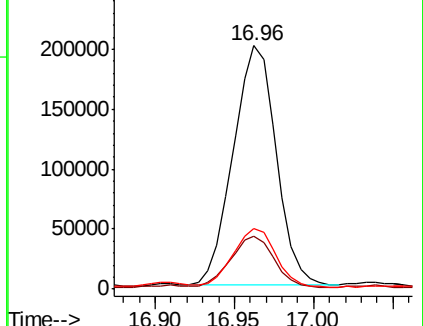
277 24.8 20.1 30.1

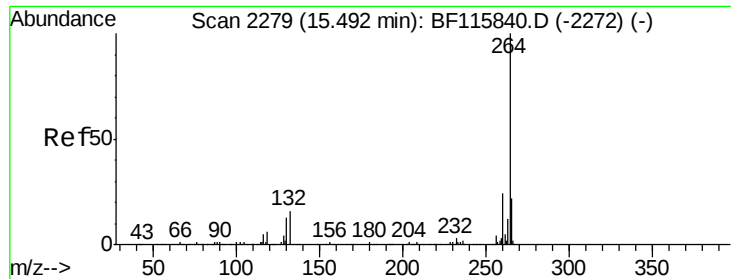


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

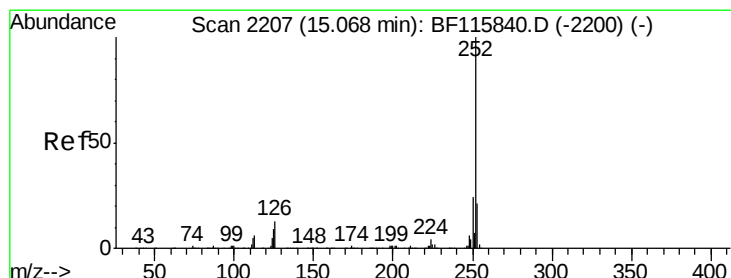
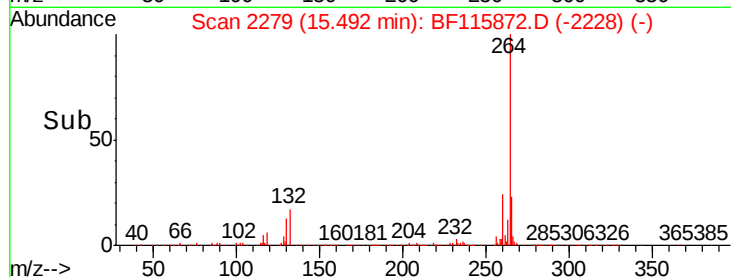
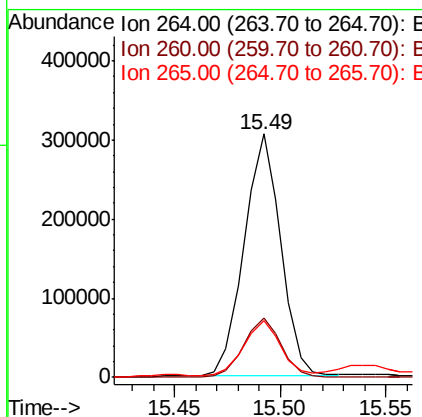
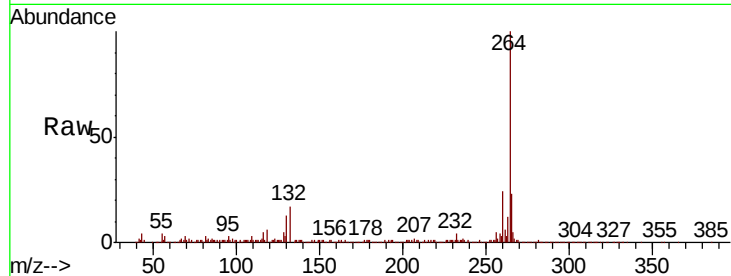




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

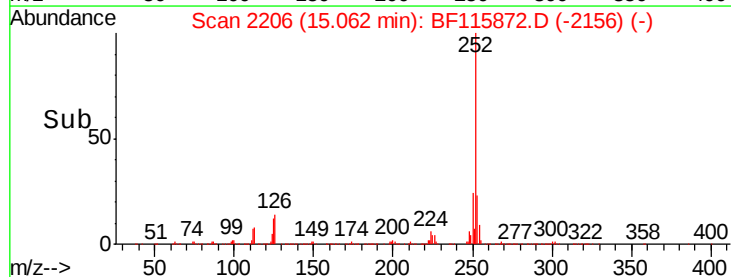
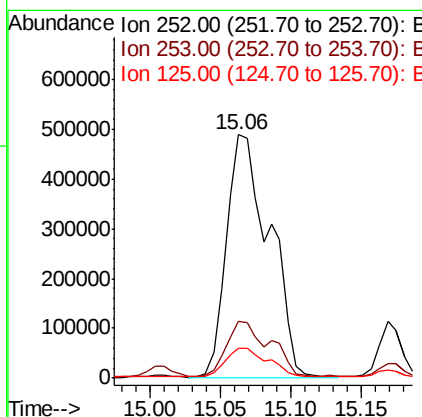
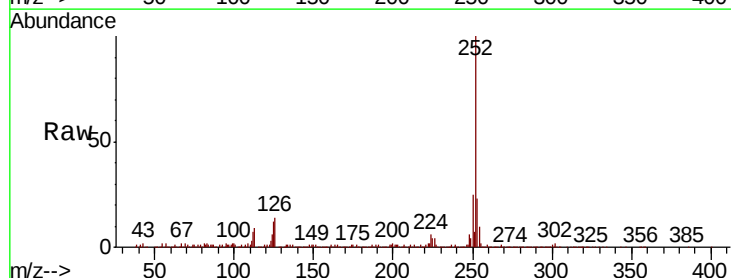
Instrument :
BNA_F
ClientSampleId :
SP-7

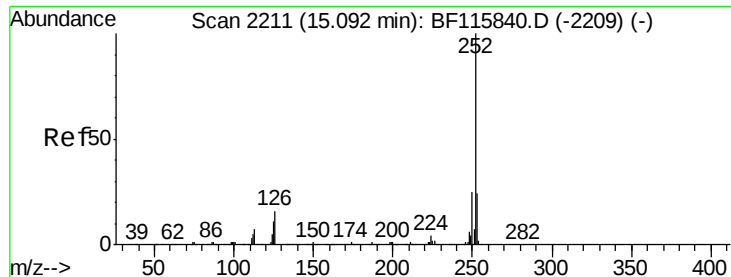
Tgt Ion:264 Resp: 368625
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 23.1 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 48.646 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

Tgt Ion:252 Resp: 1036853
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 12.2 7.4 11.0#

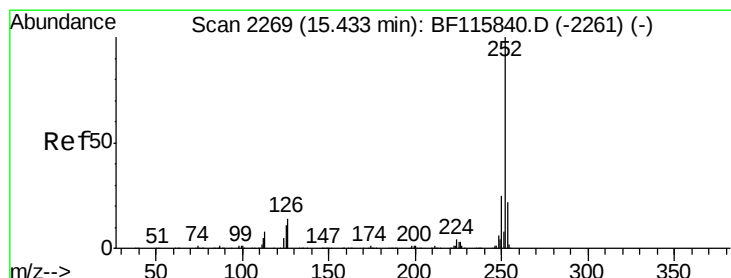
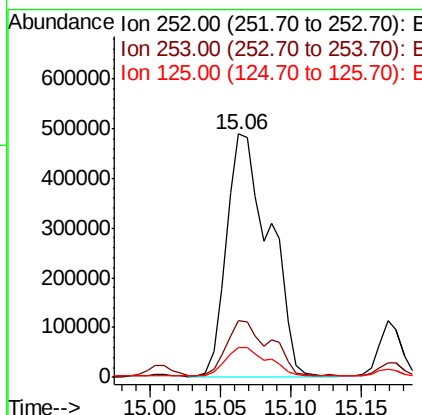
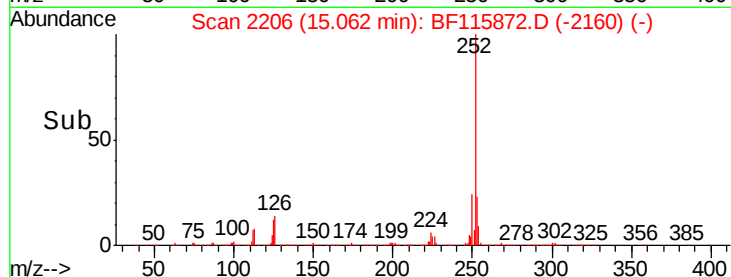
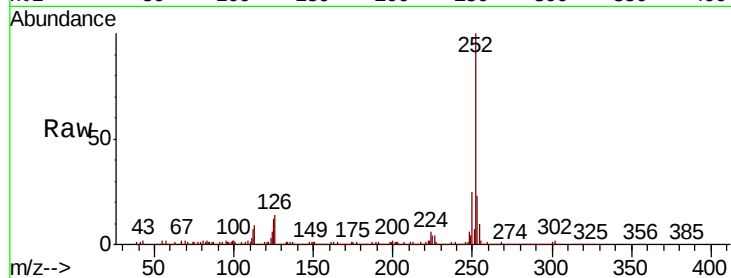




#89
Benzo(k)fluoranthene
Concen: 49.944 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

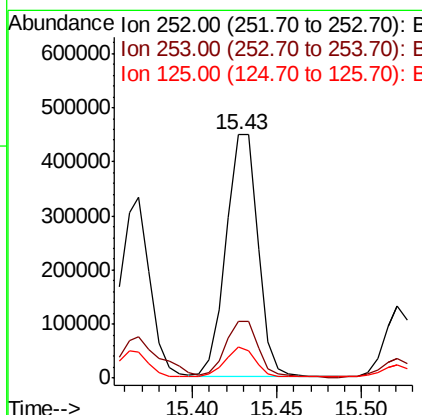
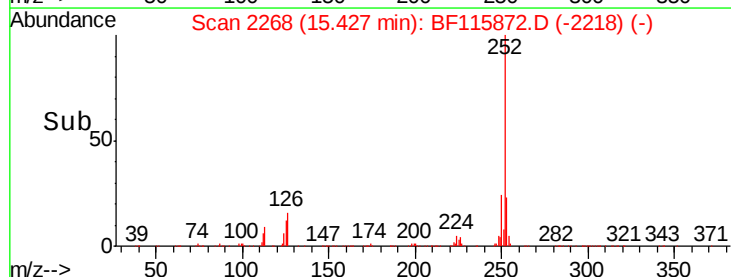
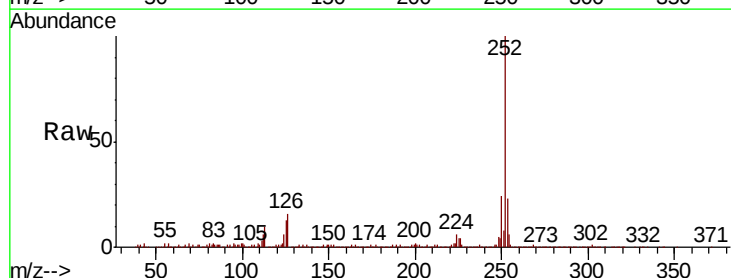
Instrument :
BNA_F
ClientSampleId :
SP-7

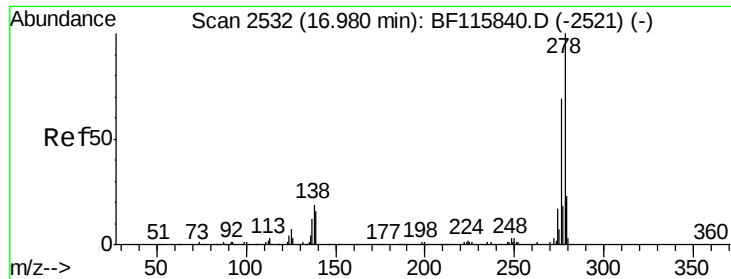
Tgt Ion:252 Resp: 1036853
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 12.2 8.9 13.3



#90
Benzo(a)pyrene
Concen: 30.944 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

Tgt Ion:252 Resp: 589592
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 12.6 8.8 13.2

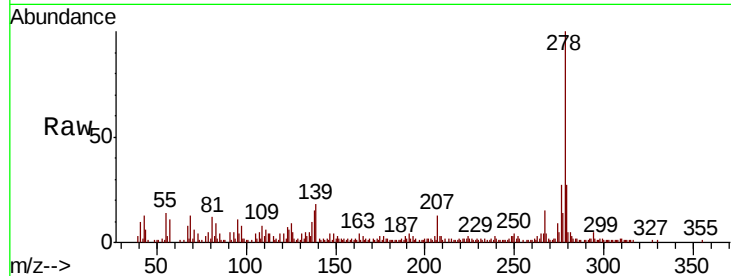




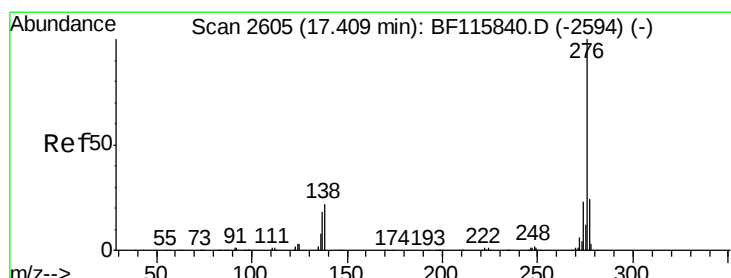
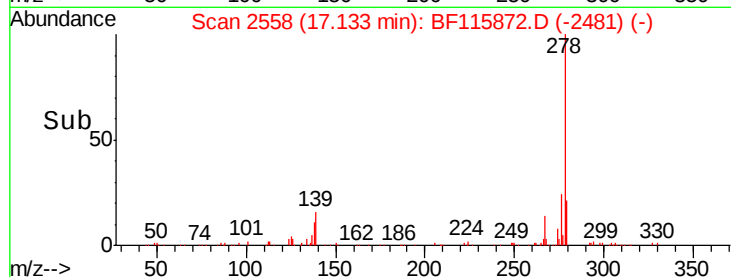
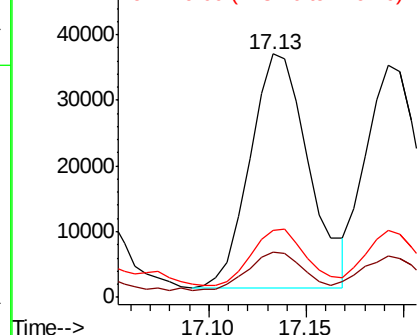
#91
Dibenzo(a,h)anthracene
Concen: 4.500 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.15 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

Instrument :
BNA_F
ClientSampleId :
SP-7

Tgt Ion: 278 Resp: 74217
Ion Ratio Lower Upper
278 100
139 18.4 12.6 19.0
279 27.5 18.8 28.2

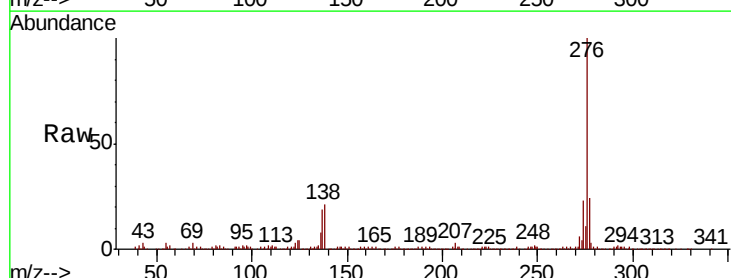


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 21.457 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.00 min
Lab File: BF115872.D
Acq: 31 Jul 2019 18:06

Tgt Ion: 276 Resp: 347555
Ion Ratio Lower Upper
276 100
277 23.8 19.5 29.3
138 21.3 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

