

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
 Data File : BF112149.D
 Acq On : 19 Jan 2019 2:29
 Operator : JU/SJ
 Sample : K1015-11 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-011719-B

Quant Time: Jan 19 03:48:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	248349	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	918864	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	406298	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	693197	20.00	ng	0.00
76) Chrysene-d12	14.02	240	569273	20.00	ng	0.00
87) Perylene-d12	15.50	264	445086	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	272714	19.93	ng	-0.01
7) Phenol-d6	6.49	99	350254	20.46	ng	-0.01
23) Nitrobenzene-d5	7.41	82	191950	14.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	74327	16.96	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	439666	15.87	ng	0.00
79) Terphenyl-d14	12.96	244	391904	14.65	ng	0.00

Target Compounds

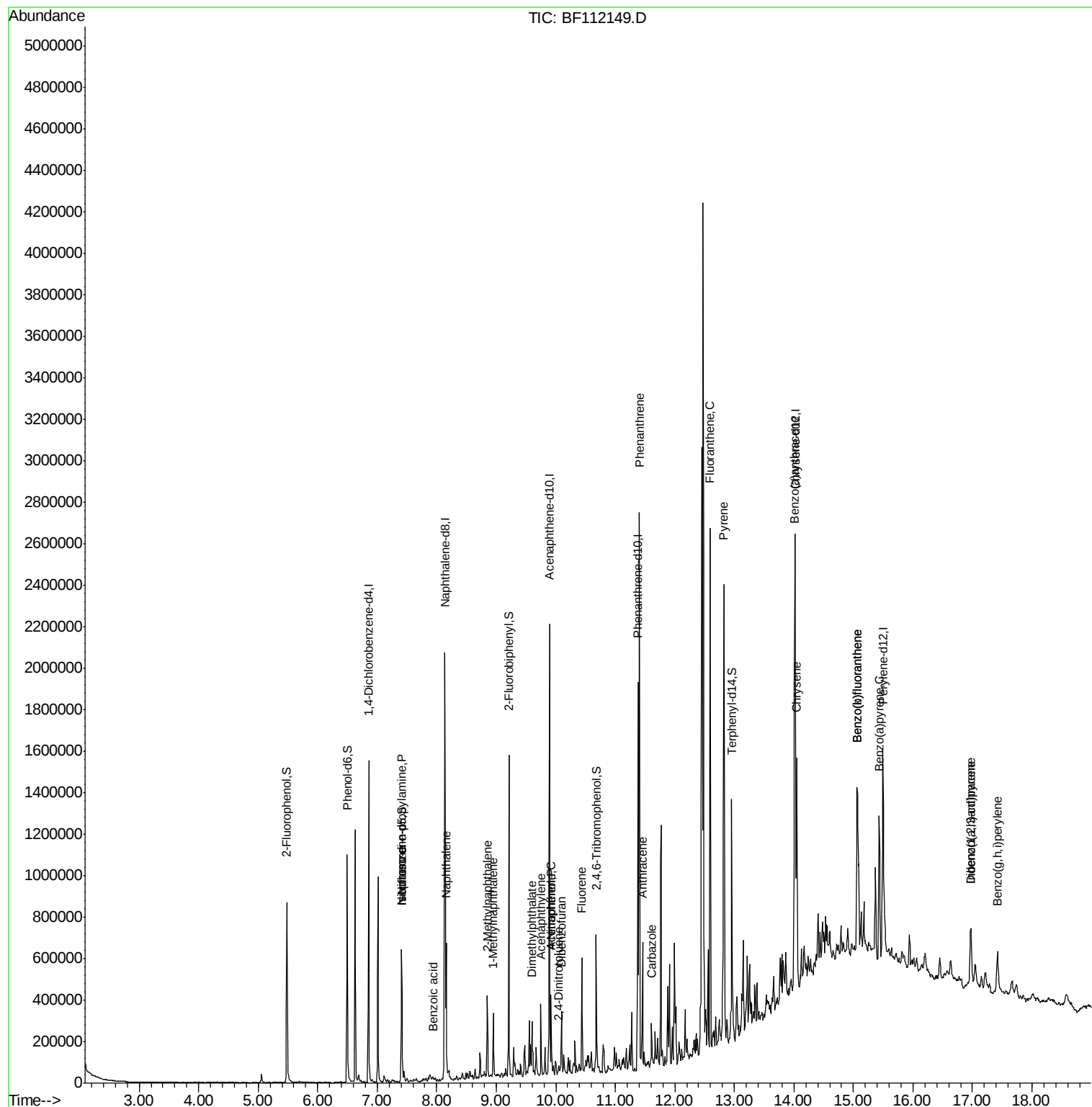
					Qvalue	
9) Benzaldehyde	6.63	77	6735	Below Cal		83
19) n-Nitroso-di-n-propylamine	7.41	70	25183	2.415 ng	#	78
25) Isophorone	7.41	82	188514	7.338 ng	#	64
31) Naphthalene	8.16	128	267557	6.402 ng		98
32) Benzoic acid	7.93	122	1431	7.456 ng	#	19
37) 2-Methylnaphthalene	8.85	142	100252	3.533 ng		98
38) 1-Methylnaphthalene	8.95	142	80303	2.944 ng		97
49) Acenaphthylene	9.75	152	122686	3.161 ng		98
50) Dimethylphthalate	9.60	163	95585	3.226 ng	#	97
52) Acenaphthene	9.92	154	76047	3.203 ng		96
55) Dibenzofuran	10.10	168	96567	2.689 ng		97
56) 4-Nitrophenol	9.92	139	1324	5.915 ng		89
57) 2,4-Dinitrotoluene	10.05	165	2525	4.882 ng	#	45
58) Fluorene	10.44	166	141877	5.288 ng		98
71) Phenanthrene	11.40	178	914373	26.211 ng		98
72) Anthracene	11.46	178	243666	6.895 ng		98
73) Carbazole	11.61	167	82415	2.328 ng		99
75) Fluoranthene	12.59	202	982493	26.674 ng		99
78) Pyrene	12.82	202	960352	25.570 ng		98
81) Benzo(a)anthracene	14.01	228	482884	14.794 ng		97
83) Chrysene	14.04	228	430084	13.925 ng		97
86) Indeno(1,2,3-cd)pyrene	16.97	276	171275	6.011 ng		95
88) Benzo(b)fluoranthene	15.06	252	622722	24.648 ng		97
89) Benzo(k)fluoranthene	15.06	252	622722	25.466 ng		97
90) Benzo(a)pyrene	15.43	252	335765	14.492 ng		99
91) Dibenzo(a,h)anthracene	16.98	278	44773	2.176 ng	#	83
92) Benzo(g,h,i)perylene	17.42	276	164287	8.103 ng		99

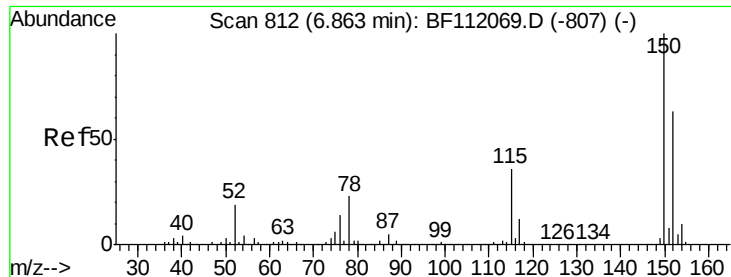
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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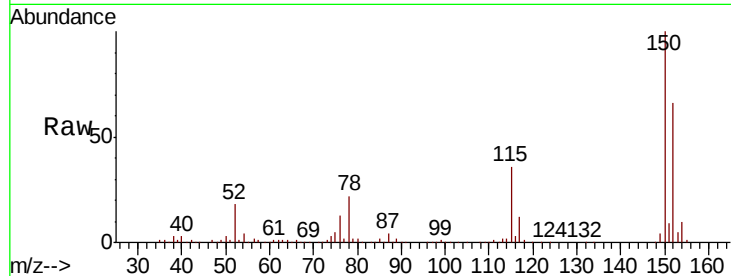


#1

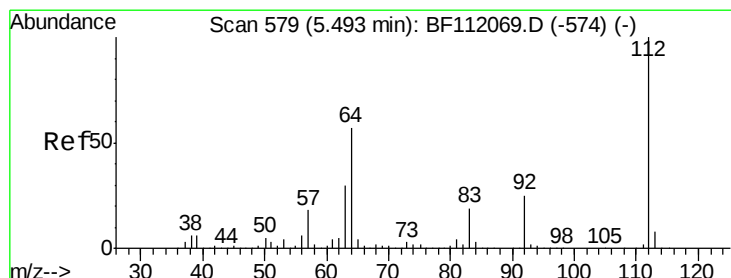
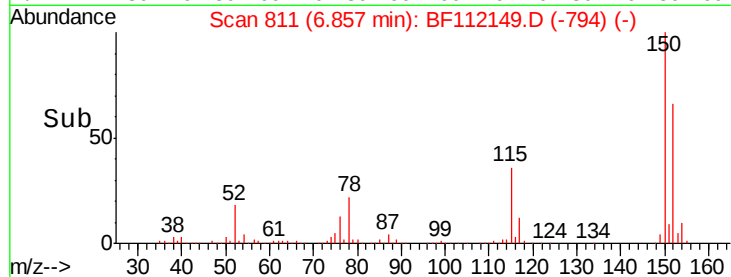
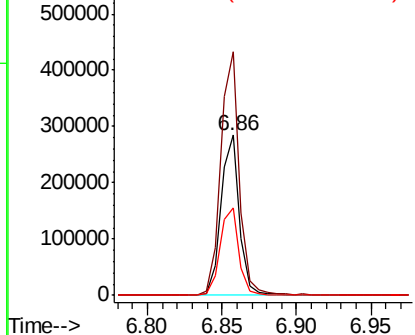
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

Instrument :
BNA_F
ClientSampleId :
SU-01-011719-B

Tgt Ion:152 Resp: 248349
Ion Ratio Lower Upper
152 100
150 152.2 127.4 191.0
115 54.6 45.5 68.3



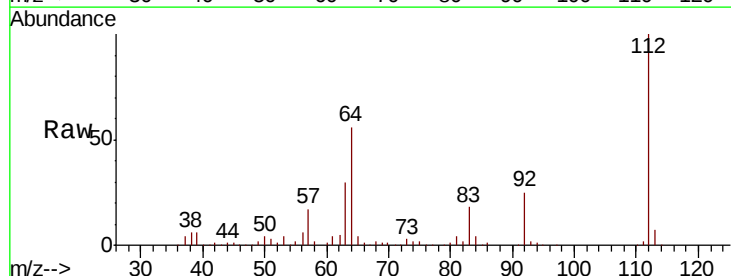
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



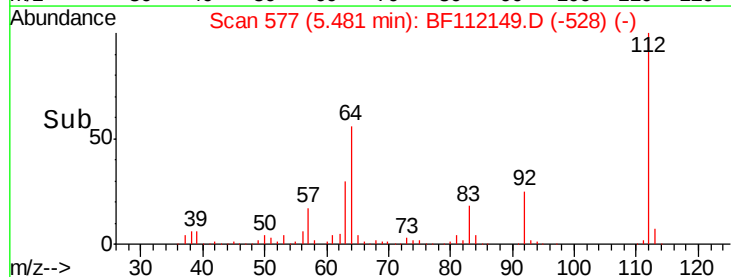
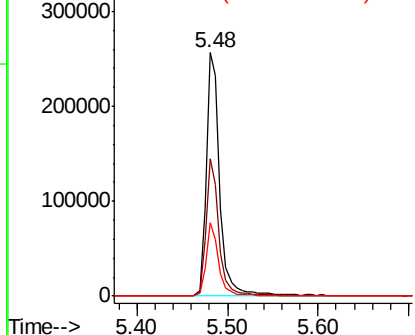
#5

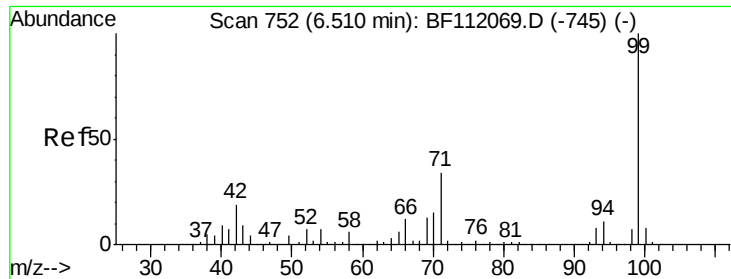
2-Fluorophenol
Concen: 19.931 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

Tgt Ion:112 Resp: 272714
Ion Ratio Lower Upper
112 100
64 56.2 45.7 68.5
63 30.0 23.6 35.4



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: 20.460 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

Instrument :

BNA_F

ClientSampleId :

SU-01-011719-B

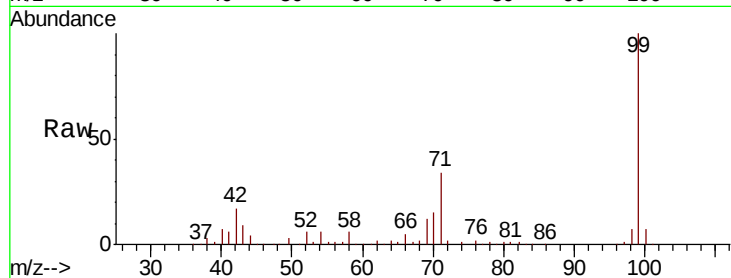
Tgt Ion: 99 Resp: 350254

Ion Ratio Lower Upper

99 100

42 17.4 15.1 22.7

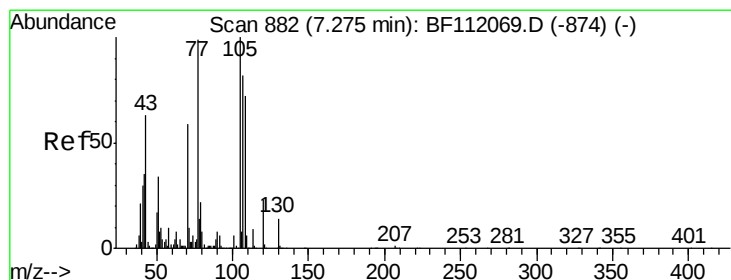
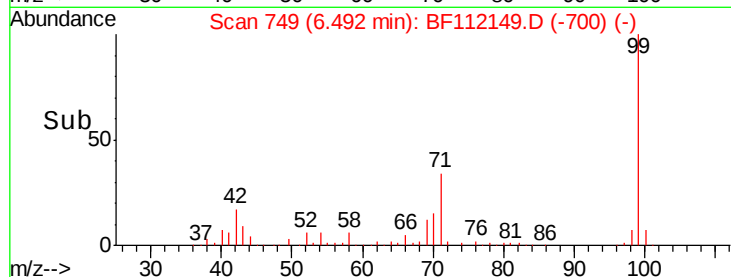
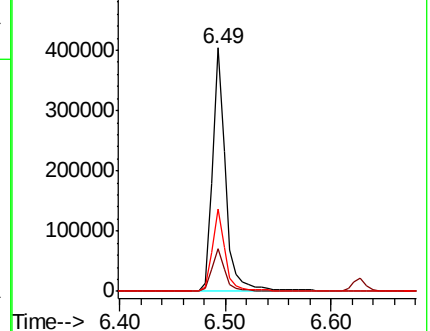
71 33.6 26.9 40.3



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: 2.415 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

Tgt Ion: 70 Resp: 25183

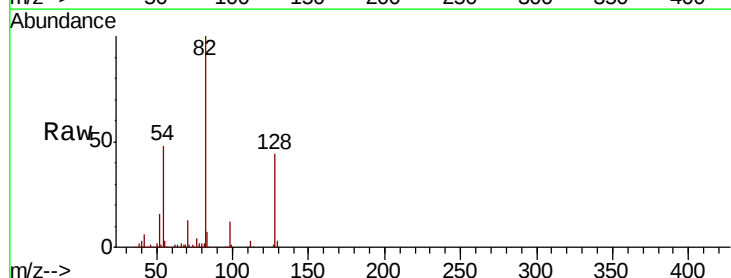
Ion Ratio Lower Upper

70 100

42 49.8 47.6 71.4

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#

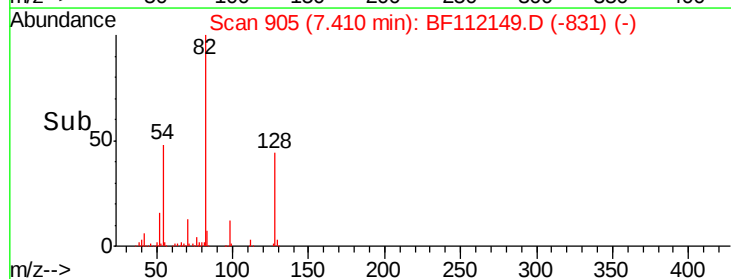
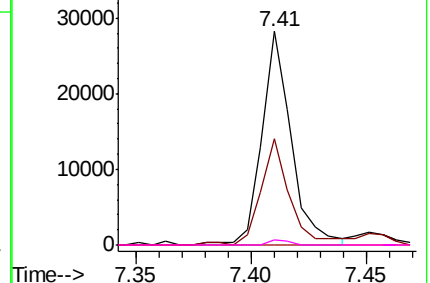


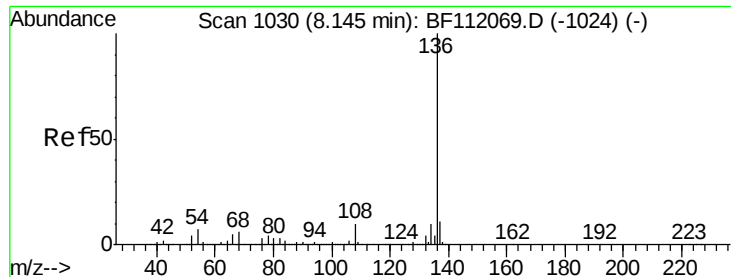
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

Instrument :

BNA_F

ClientSampleId :

SU-01-011719-B

Tgt Ion: 136 Resp: 918864

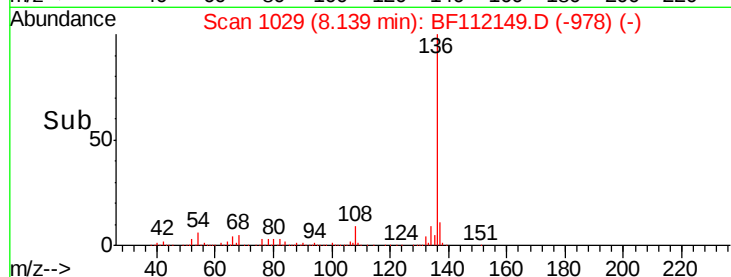
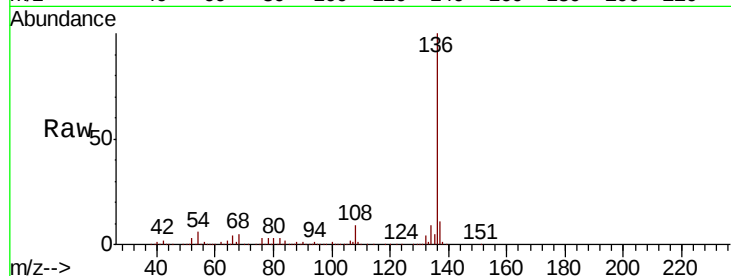
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.3 5.9 8.9

68 5.4 5.1 7.7

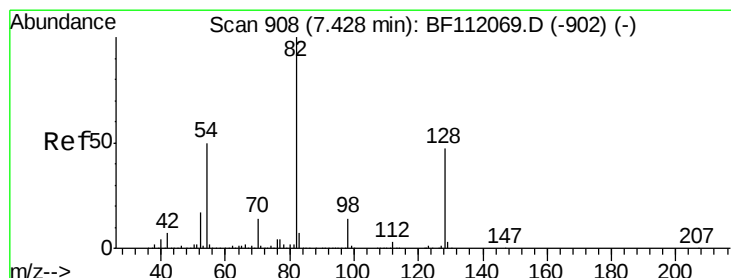
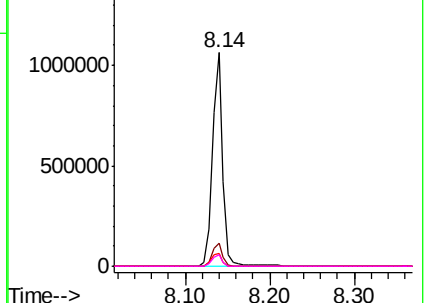


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.433 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

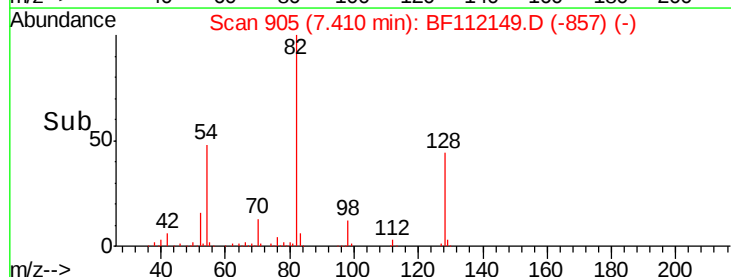
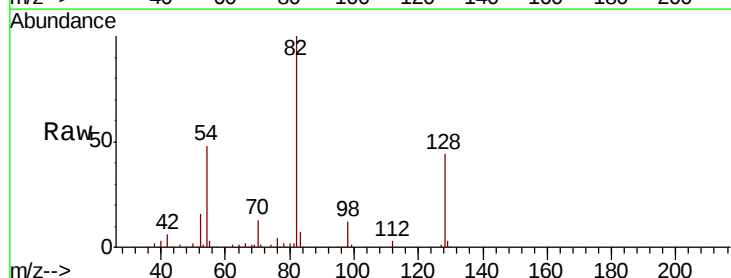
Tgt Ion: 82 Resp: 191950

Ion Ratio Lower Upper

82 100

128 43.6 37.8 56.8

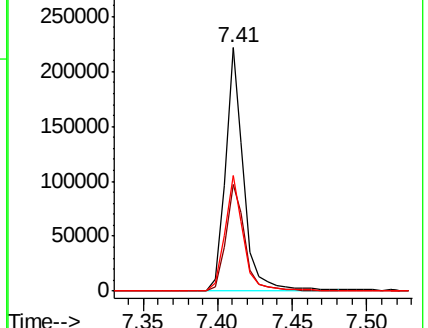
54 47.7 39.7 59.5

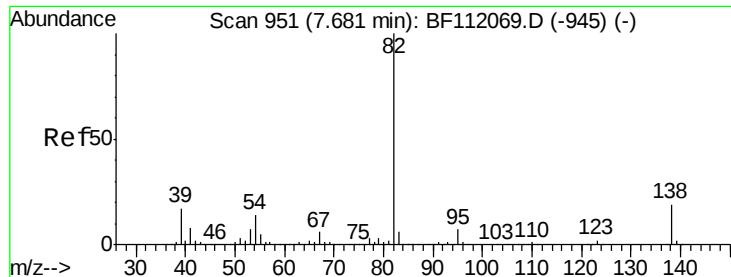


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.338 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

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SU-01-011719-B

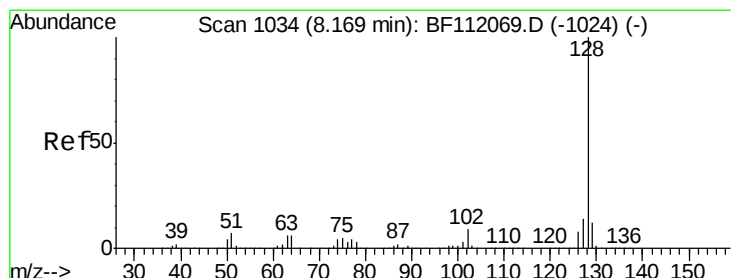
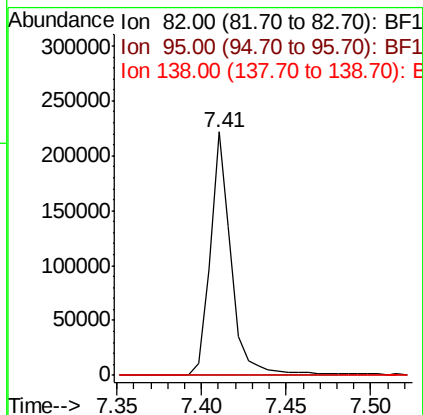
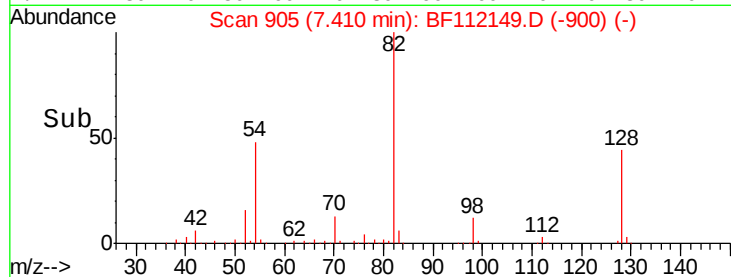
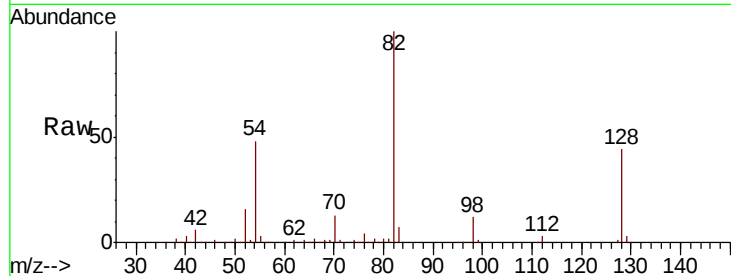
Tgt Ion: 82 Resp: 188514

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 15.4 23.0#



#31

Naphthalene

Concen: 6.402 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

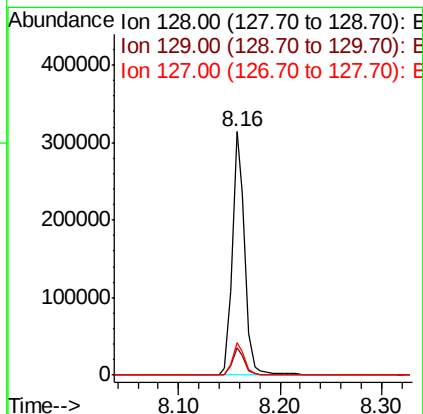
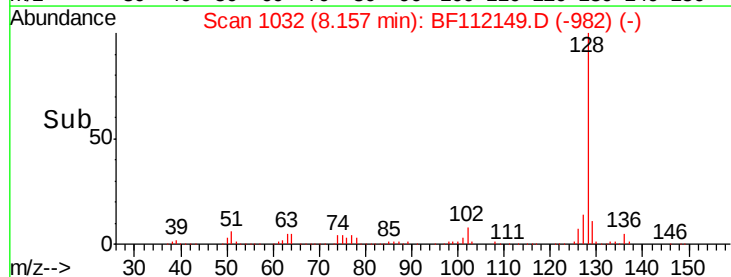
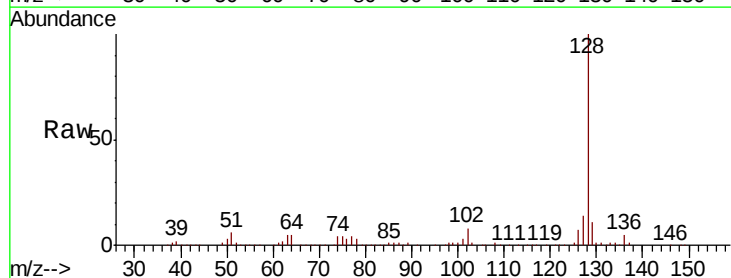
Tgt Ion: 128 Resp: 267557

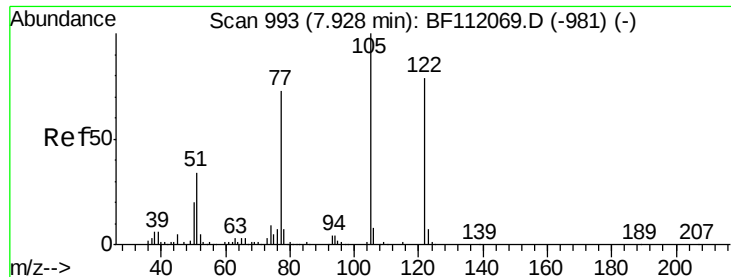
Ion Ratio Lower Upper

128 100

129 11.1 9.6 14.4

127 13.6 11.1 16.7

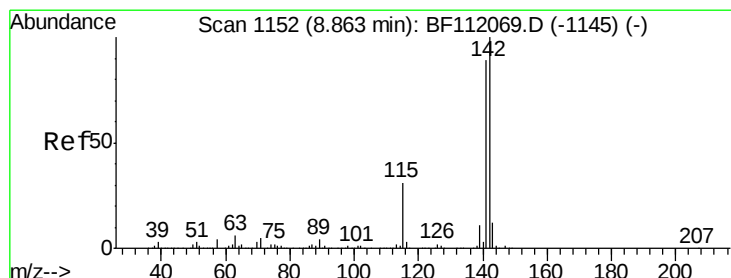
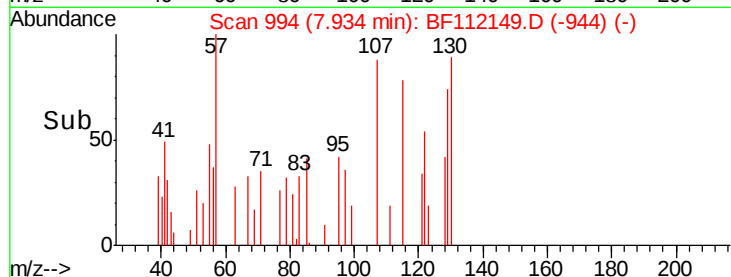
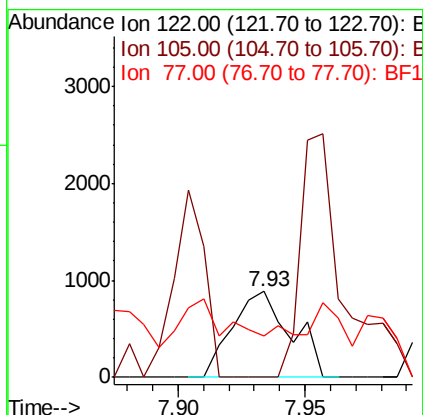
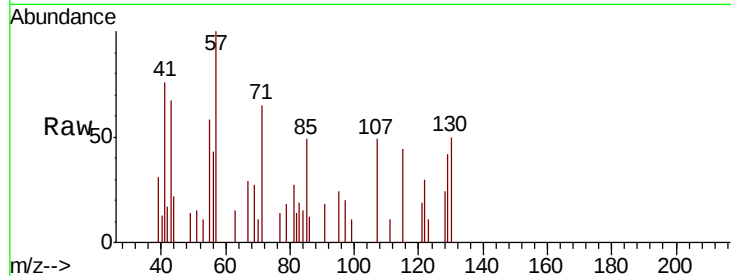




#32
Benzoic acid
Concen: 7.456 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

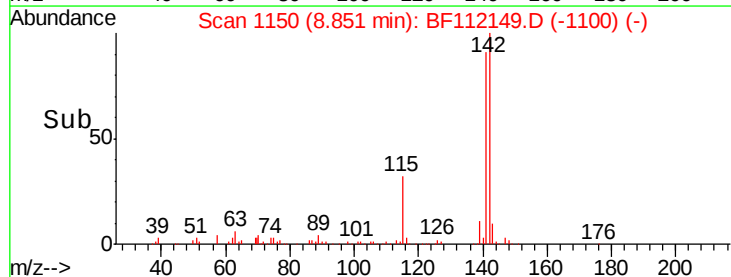
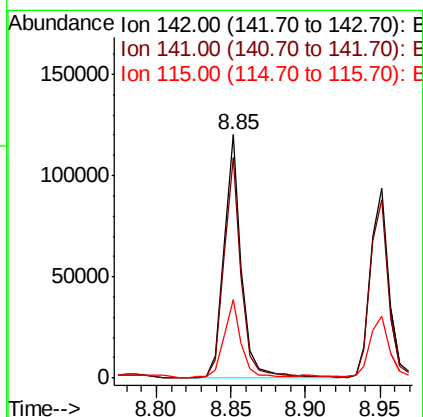
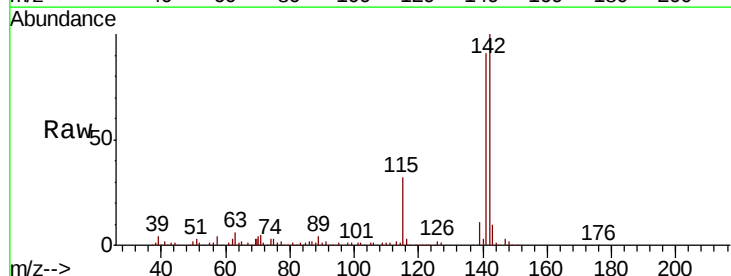
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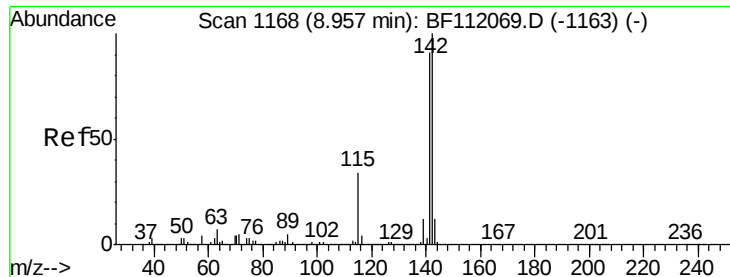
Tgt Ion:122 Resp: 1431
Ion Ratio Lower Upper
122 100
105 0.0 101.2 141.2#
77 47.9 70.4 110.4#



#37
2-Methylnaphthalene
Concen: 3.533 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

Tgt Ion:142 Resp: 100252
Ion Ratio Lower Upper
142 100
141 90.5 70.9 106.3
115 32.3 24.9 37.3

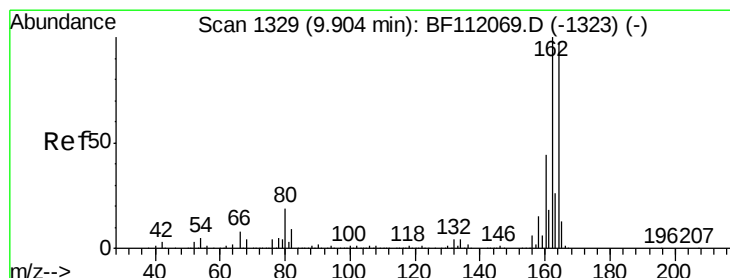
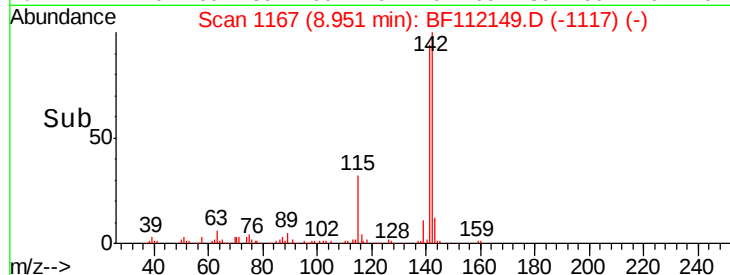
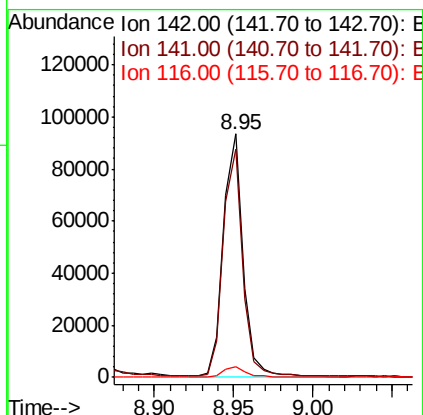
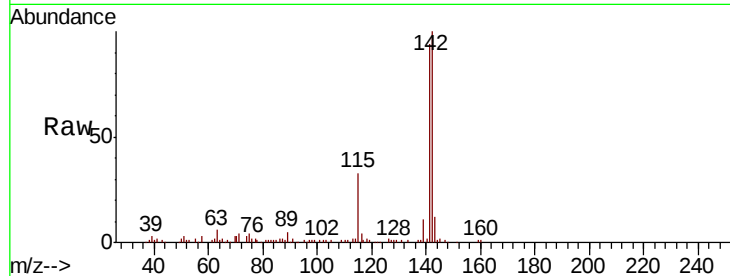




#38
1-Methylnaphthalene
Concen: 2.944 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

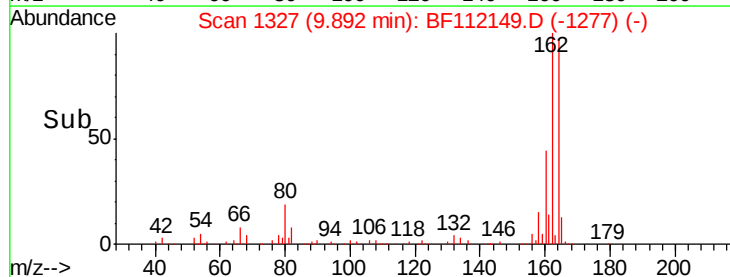
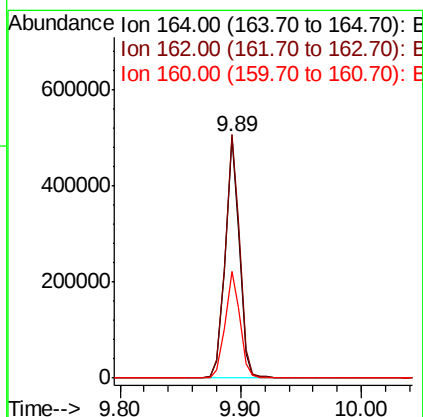
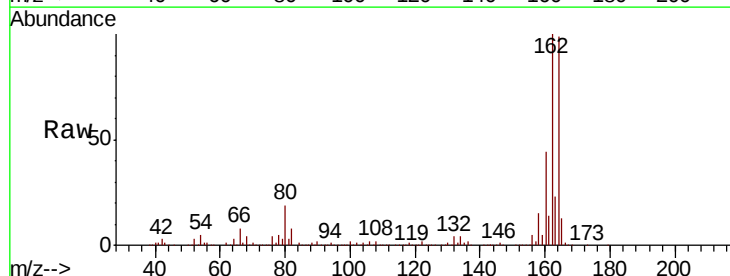
Instrument :
BNA_F
ClientSampleId :
SU-01-011719-B

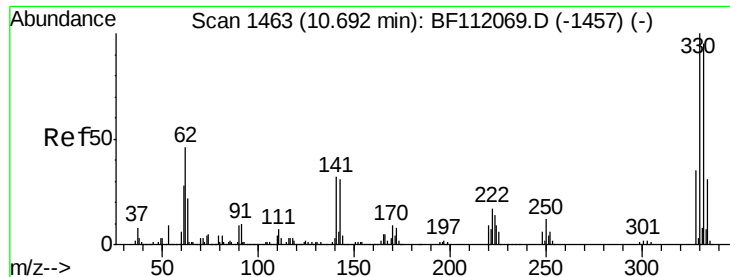
Tgt Ion:142 Resp: 80303
Ion Ratio Lower Upper
142 100
141 93.9 72.6 108.8
116 4.2 2.8 4.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

Tgt Ion:164 Resp: 406298
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.4
160 44.5 36.2 54.4

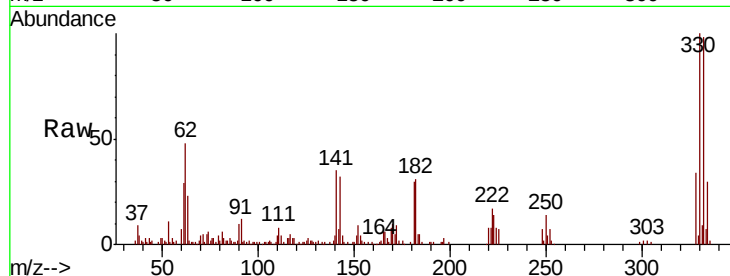




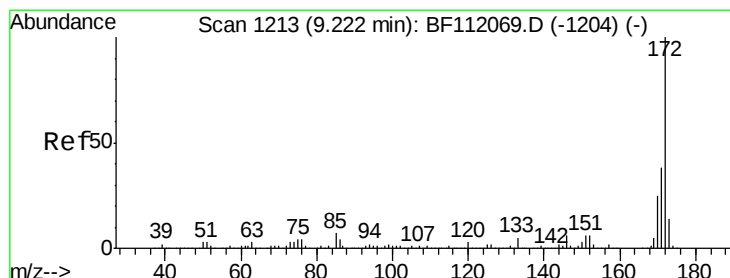
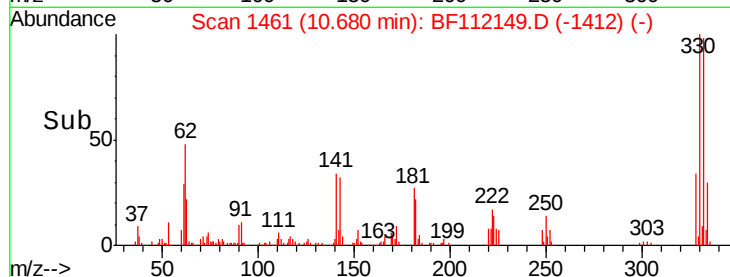
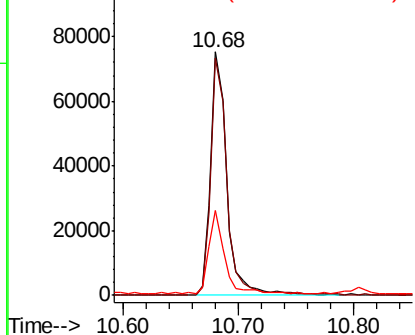
#42
 2,4,6-Tribromophenol
 Concen: 16.958 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112149.D
 Acq: 19 Jan 2019 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-011719-B

Tgt Ion:330 Resp: 74327
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 33.4 24.3 36.5

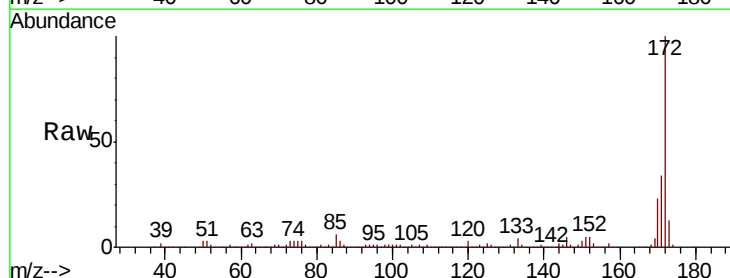


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

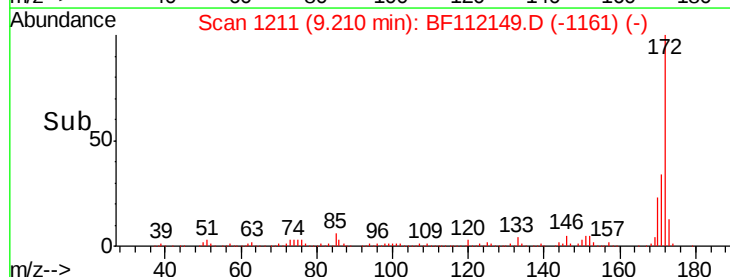
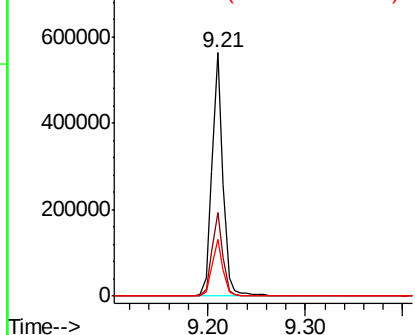


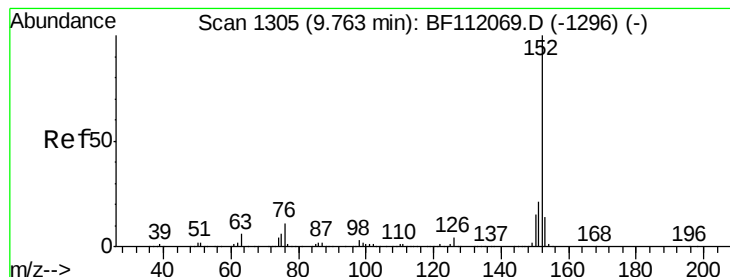
#45
 2-Fluorobiphenyl
 Concen: 15.865 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112149.D
 Acq: 19 Jan 2019 2:29

Tgt Ion:172 Resp: 439666
 Ion Ratio Lower Upper
 172 100
 171 34.2 30.5 45.7
 170 23.3 20.2 30.4



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: 3.161 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

Instrument :

BNA_F

ClientSampleId :

SU-01-011719-B

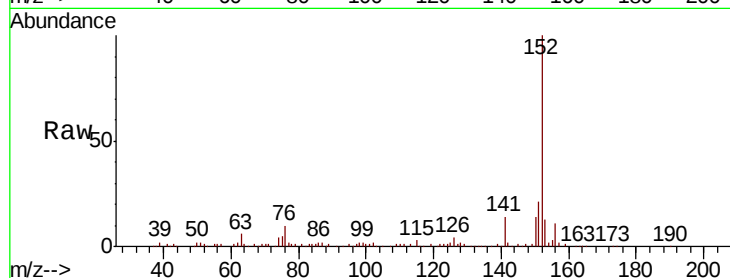
Tgt Ion:152 Resp: 122686

Ion Ratio Lower Upper

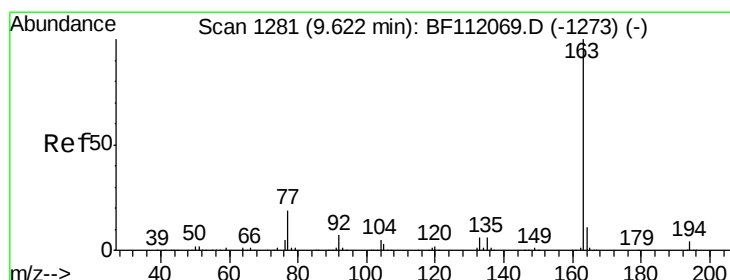
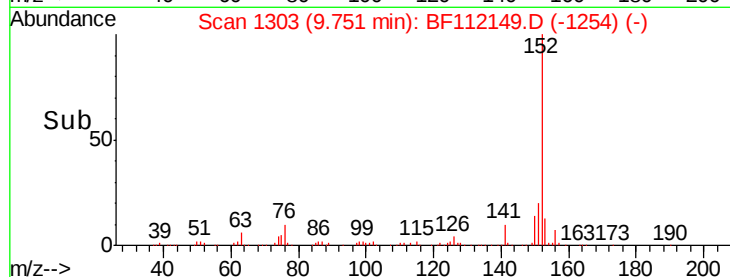
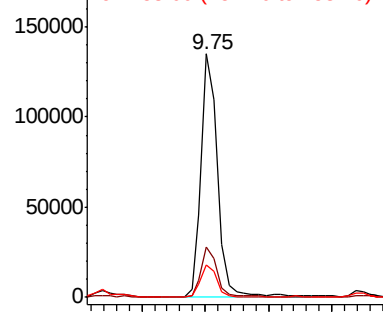
152 100

151 20.5 17.0 25.6

153 13.3 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.226 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

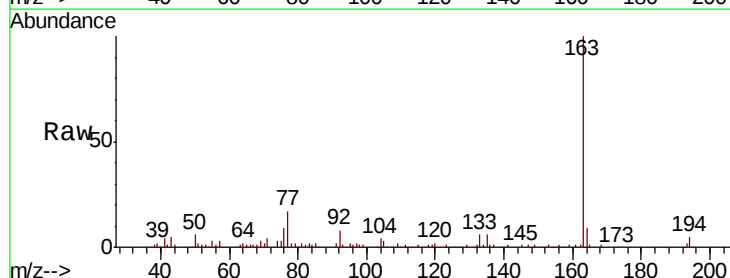
Tgt Ion:163 Resp: 95585

Ion Ratio Lower Upper

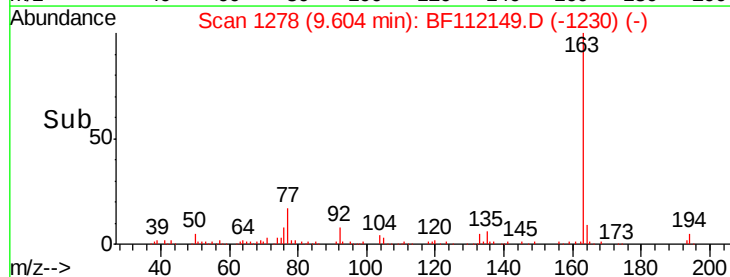
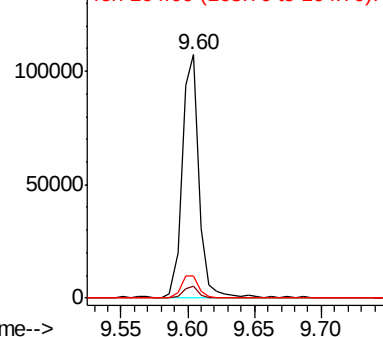
163 100

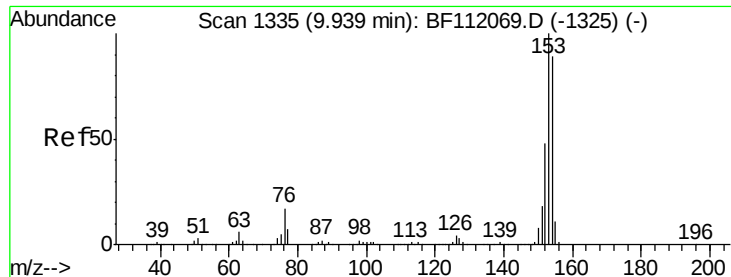
194 4.9 3.3 4.9#

164 9.3 8.5 12.7



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: 3.203 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

Instrument :

BNA_F

ClientSampleId :

SU-01-011719-B

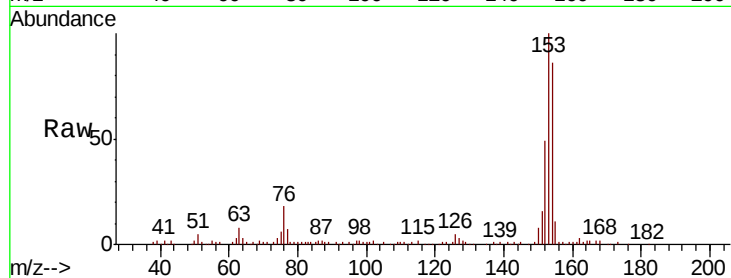
Tgt Ion:154 Resp: 76047

Ion Ratio Lower Upper

154 100

153 116.9 89.8 134.6

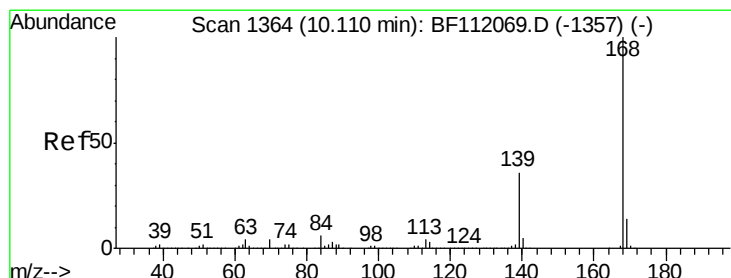
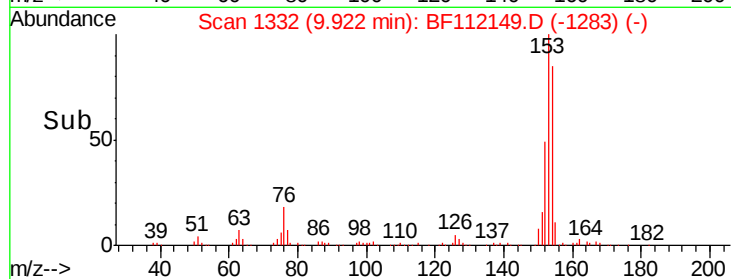
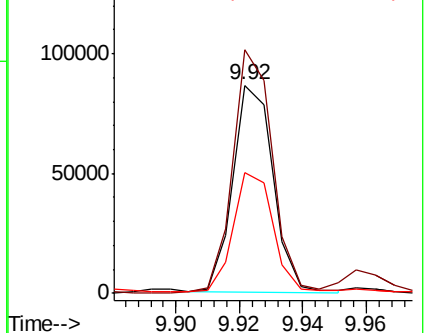
152 57.8 43.5 65.3



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: 2.689 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

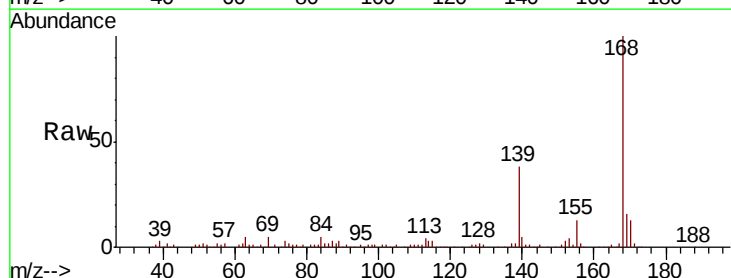
Tgt Ion:168 Resp: 96567

Ion Ratio Lower Upper

168 100

139 37.8 29.2 43.8

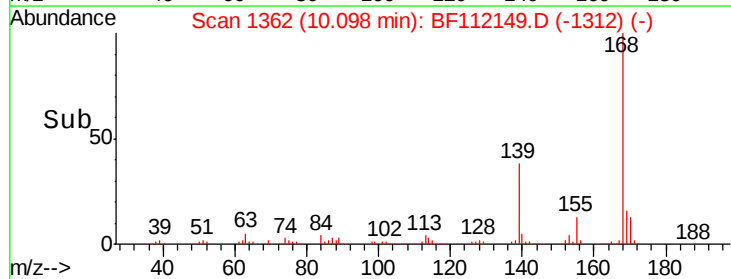
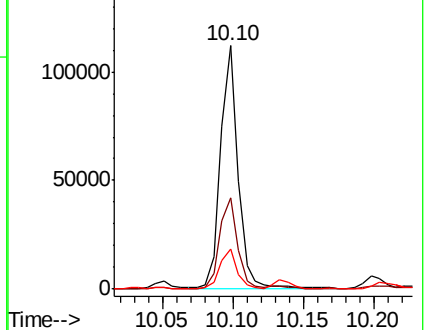
169 16.4 11.4 17.0

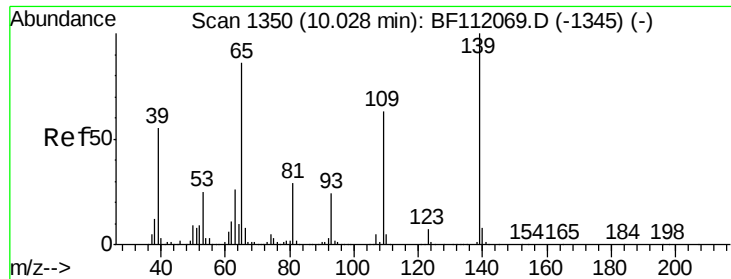


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 5.915 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.11 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

Instrument :

BNA_F

ClientSampleId :

SU-01-011719-B

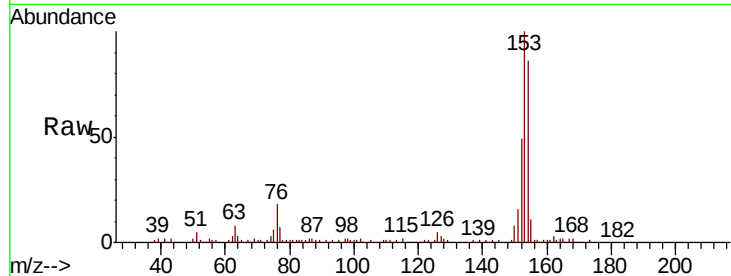
Tgt Ion:139 Resp: 1324

Ion Ratio Lower Upper

139 100

109 65.5 42.8 82.8

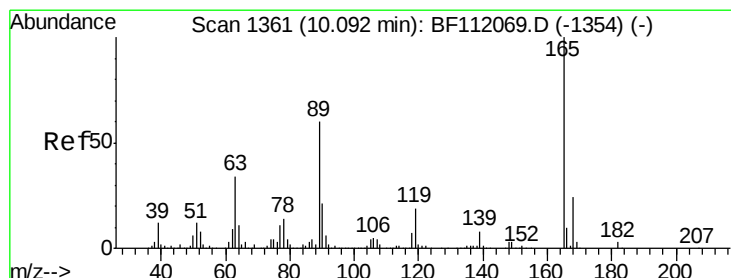
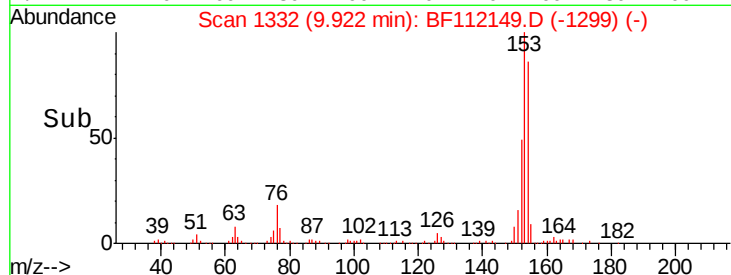
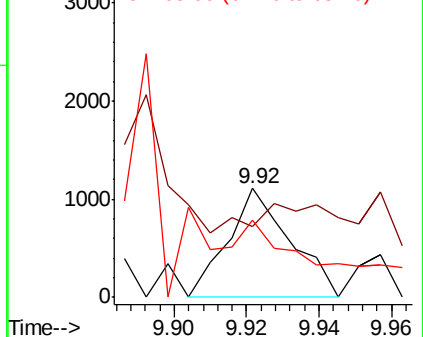
65 70.8 66.1 106.1



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: 4.882 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.04 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

Tgt Ion:165 Resp: 2525

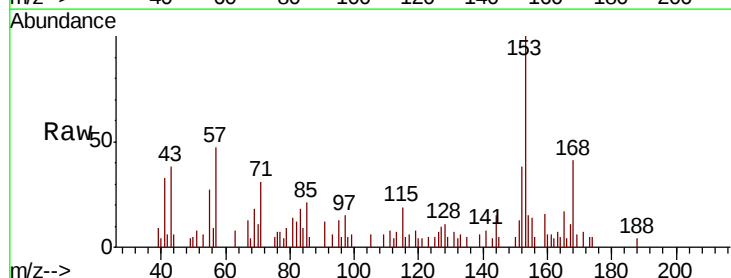
Ion Ratio Lower Upper

165 100

63 45.3 27.9 41.9#

89 0.0 47.9 71.9#

182 0.0 2.2 3.4#

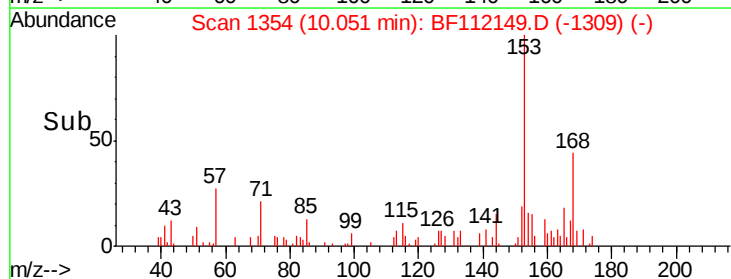
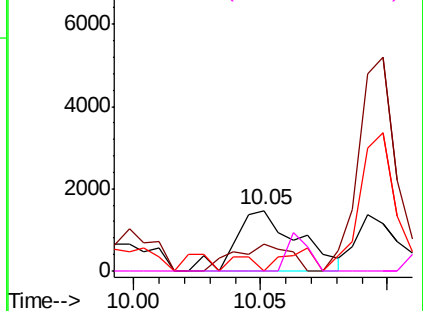


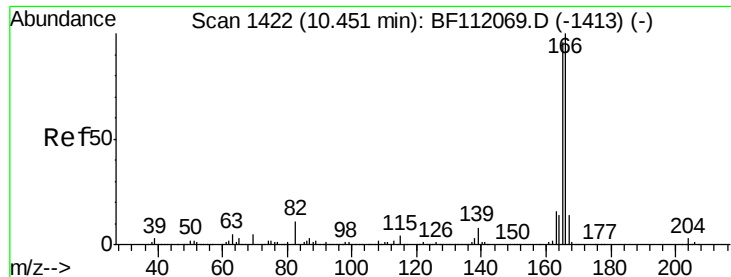
Abundance Ion 165.00 (164.70 to 165.70): E

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: 5.288 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

Instrument :

BNA_F

ClientSampleId :

SU-01-011719-B

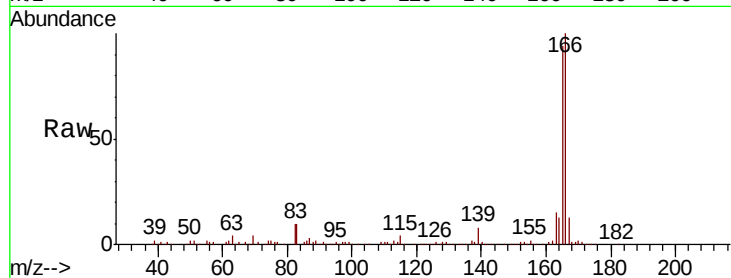
Tgt Ion:166 Resp: 141877

Ion Ratio Lower Upper

166 100

165 94.2 77.1 115.7

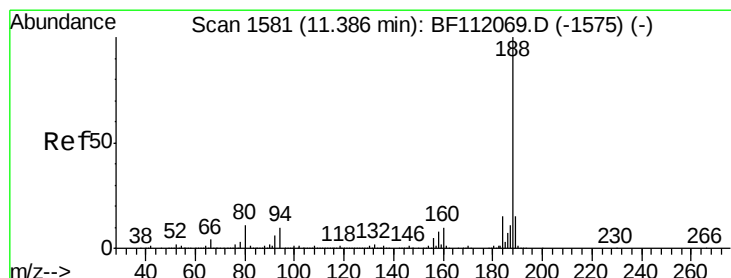
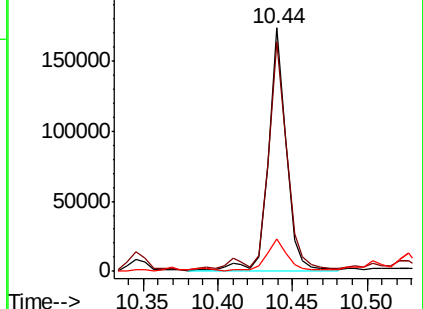
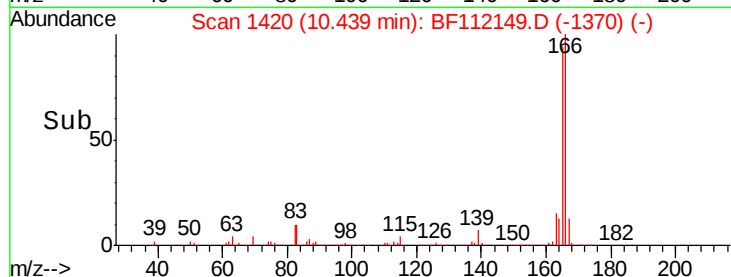
167 13.5 11.3 16.9



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. -0.01 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

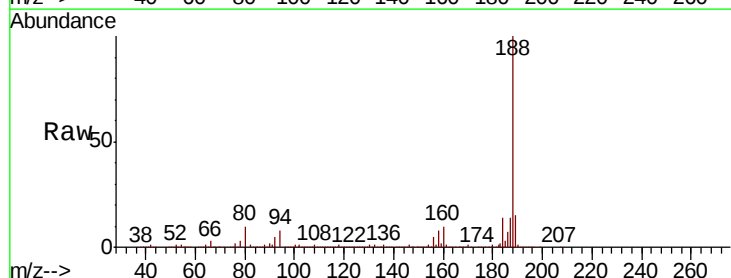
Tgt Ion:188 Resp: 693197

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

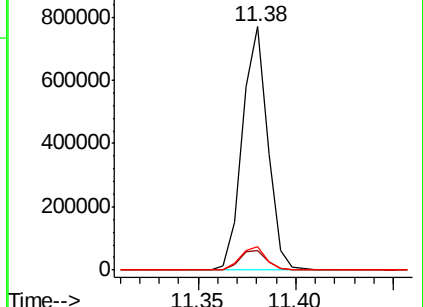
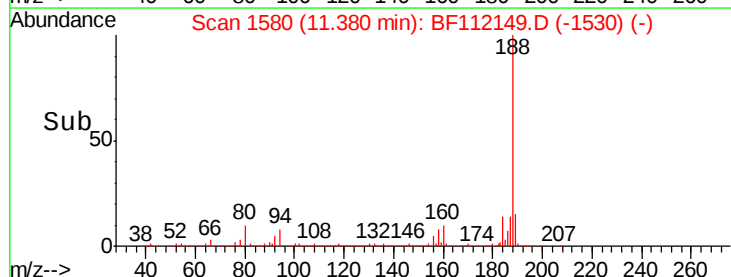
80 9.5 8.9 13.3

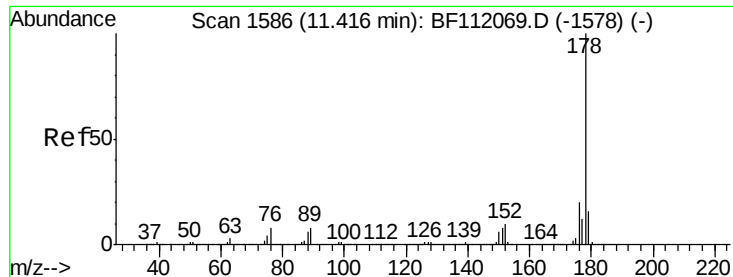


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

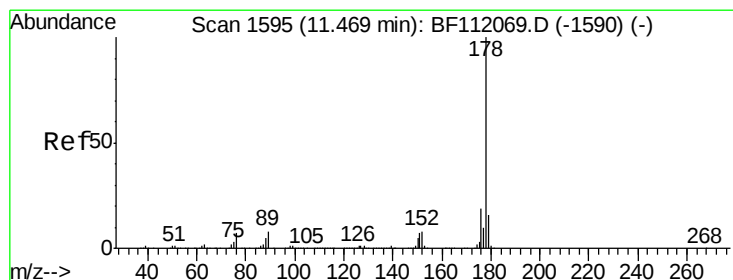
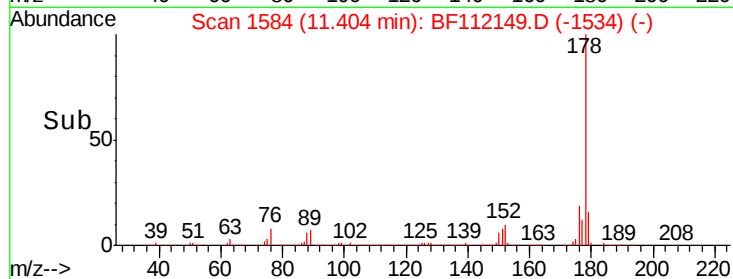
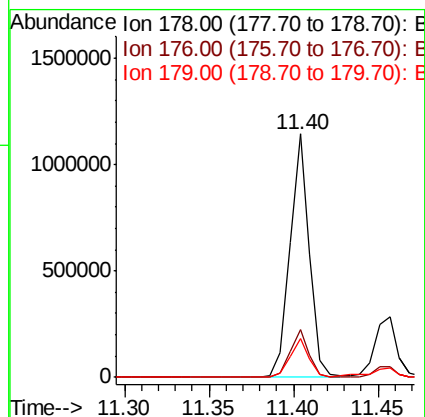
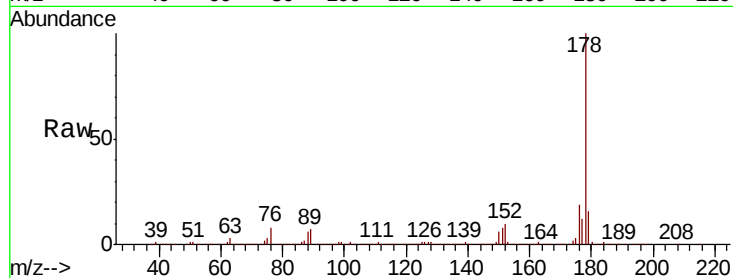




#71
Phenanthrene
Concen: 26.211 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

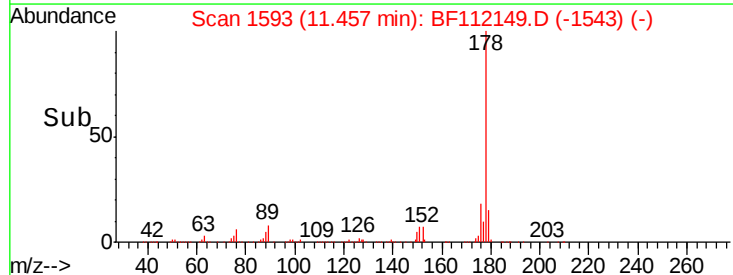
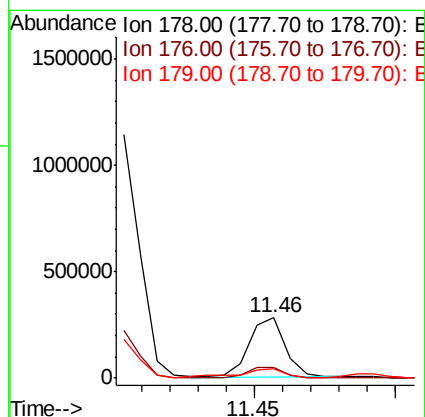
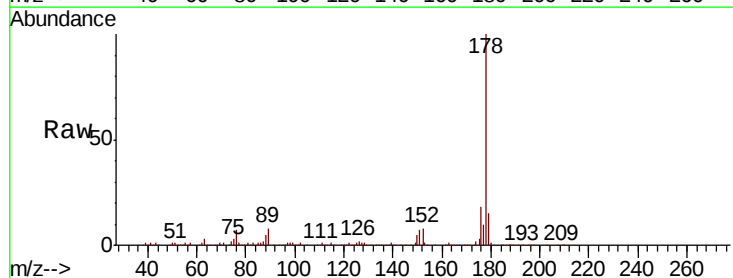
Instrument :
BNA_F
ClientSampleId :
SU-01-011719-B

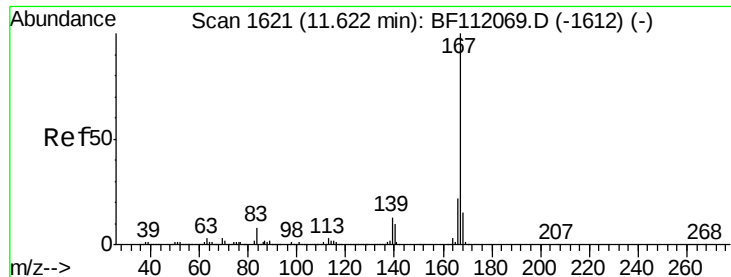
Tgt Ion:178 Resp: 914373
Ion Ratio Lower Upper
178 100
176 19.5 16.3 24.5
179 15.8 13.0 19.4



#72
Anthracene
Concen: 6.895 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

Tgt Ion:178 Resp: 243666
Ion Ratio Lower Upper
178 100
176 18.3 15.5 23.3
179 15.2 12.8 19.2

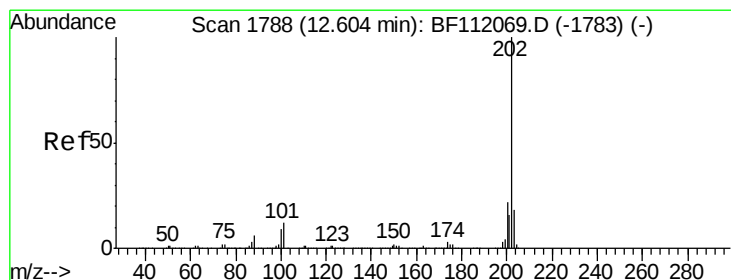
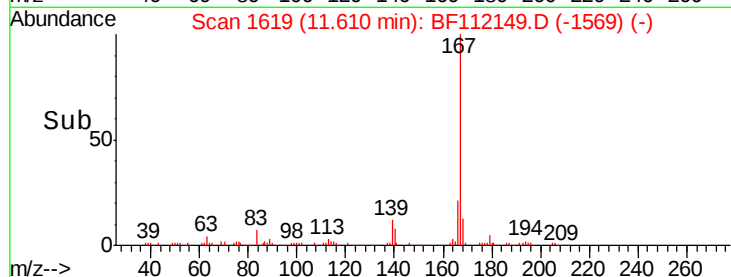
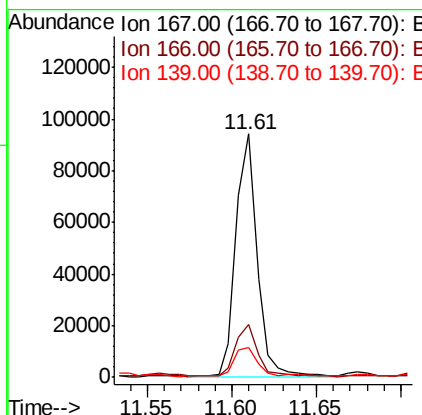
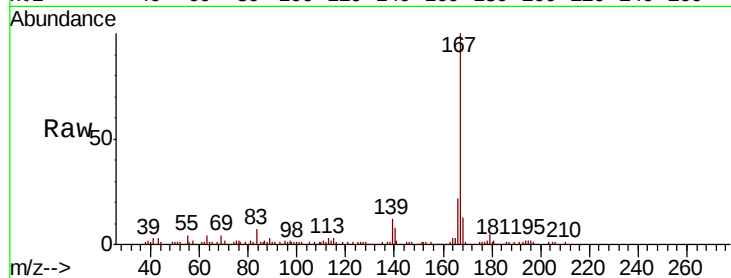




#73
 Carbazole
 Concen: 2.328 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF112149.D
 Acq: 19 Jan 2019 2:29

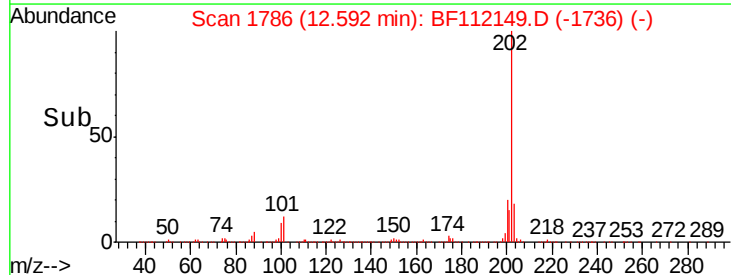
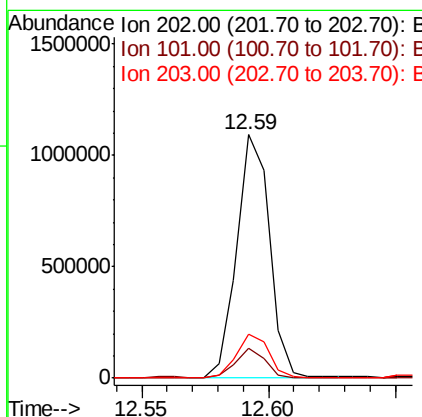
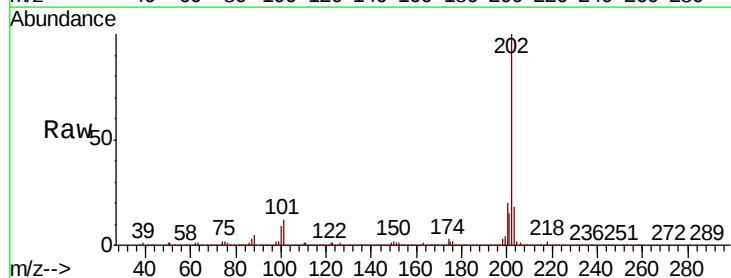
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-011719-B

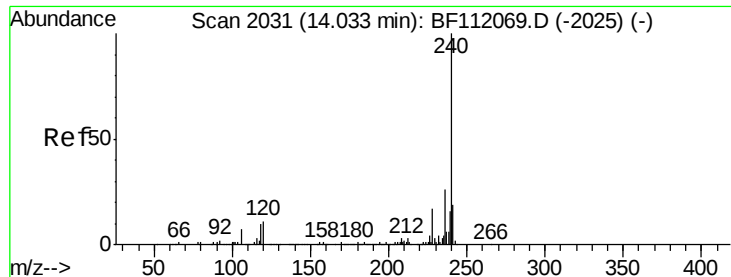
Tgt Ion:	167	Resp:	82415
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.9	26.9
139	12.5	10.2	15.2



#75
 Fluoranthene
 Concen: 26.674 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF112149.D
 Acq: 19 Jan 2019 2:29

Tgt Ion:	202	Resp:	982493
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.8
203	18.0	0.0	38.4

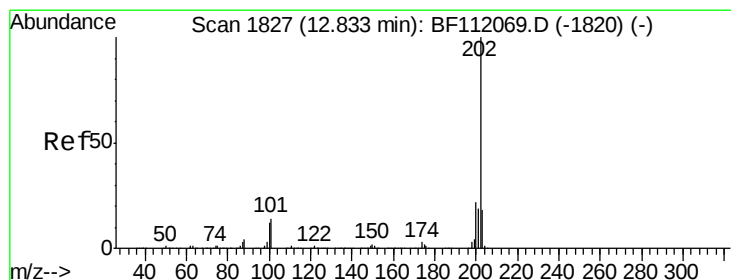
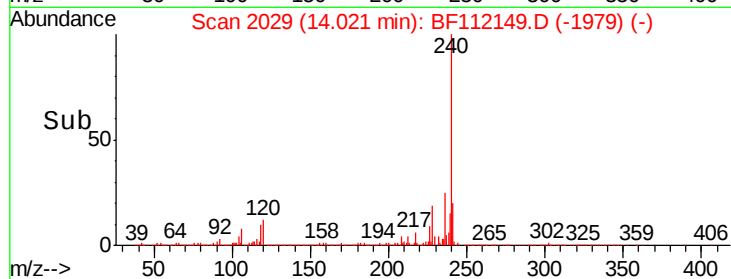
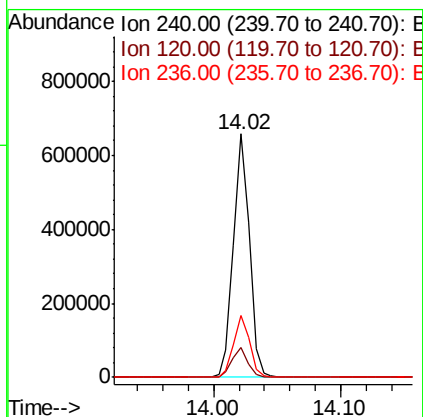
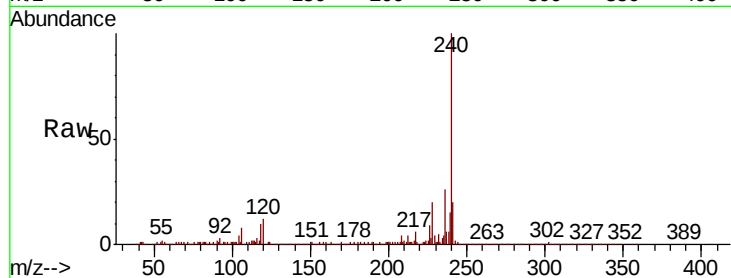




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

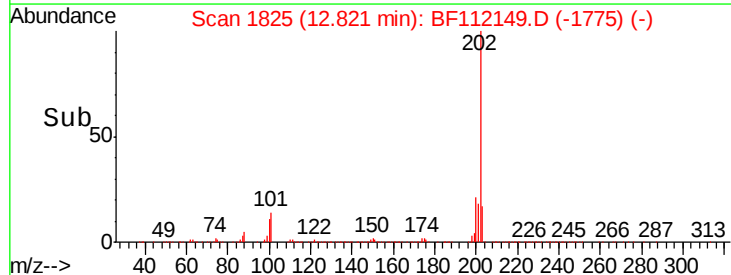
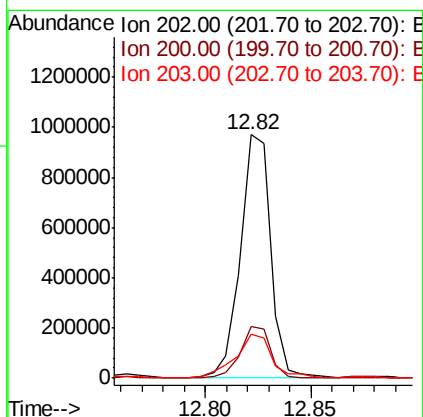
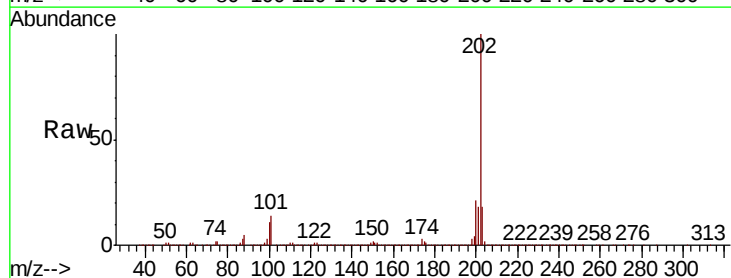
Instrument :
BNA_F
ClientSampleId :
SU-01-011719-B

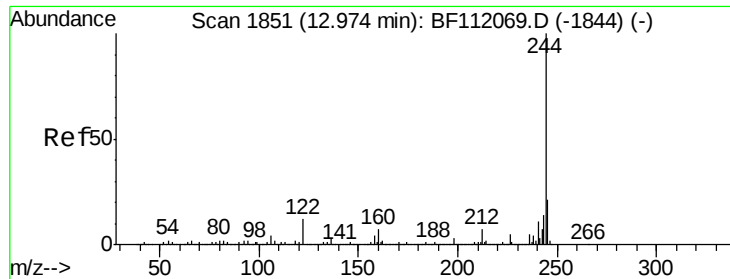
Tgt Ion:240 Resp: 569273
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.6
236 25.5 20.7 31.1



#78
Pyrene
Concen: 25.570 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

Tgt Ion:202 Resp: 960352
Ion Ratio Lower Upper
202 100
200 21.0 17.7 26.5
203 18.0 14.6 22.0





#79

Terphenyl-d14

Concen: 14.645 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

Instrument :

BNA_F

ClientSampleId :

SU-01-011719-B

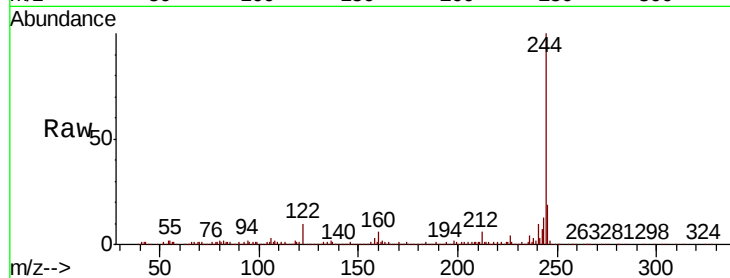
Tgt Ion:244 Resp: 391904

Ion Ratio Lower Upper

244 100

212 6.0 5.9 8.9

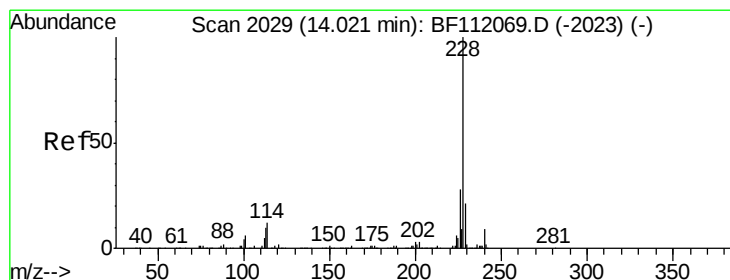
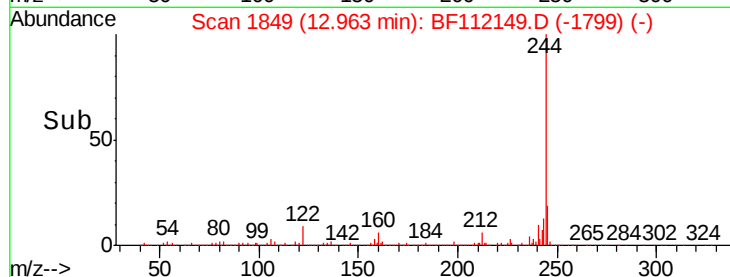
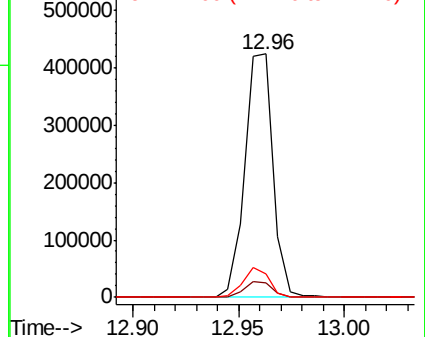
122 9.5 9.8 14.6#



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: 14.794 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

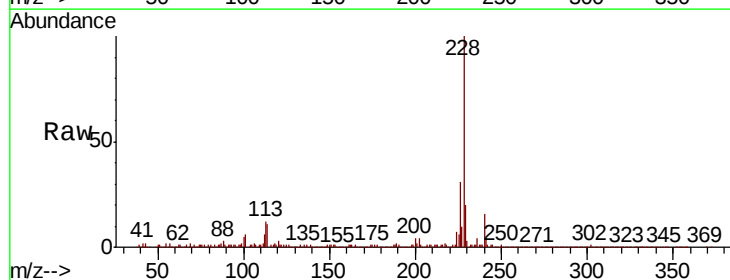
Tgt Ion:228 Resp: 482884

Ion Ratio Lower Upper

228 100

226 30.8 22.6 34.0

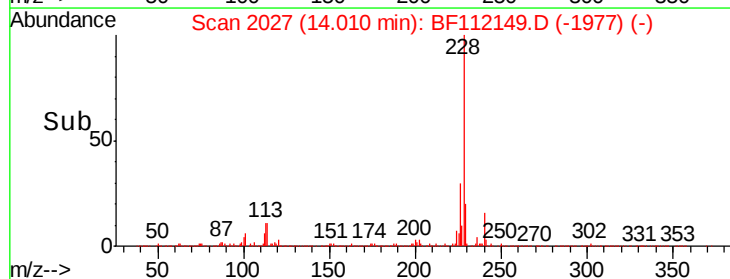
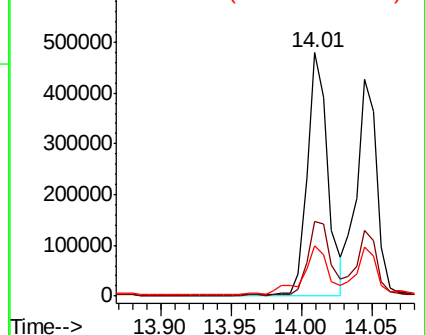
229 20.4 16.5 24.7

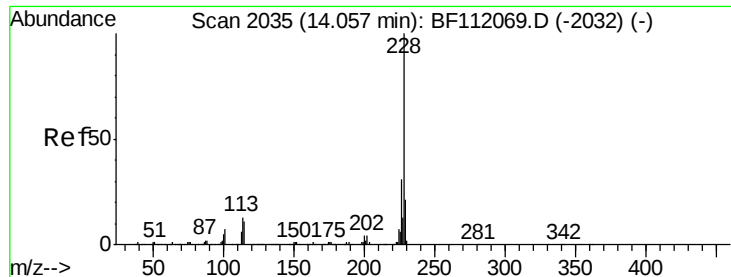


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 13.925 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

Instrument :

BNA_F

ClientSampleId :

SU-01-011719-B

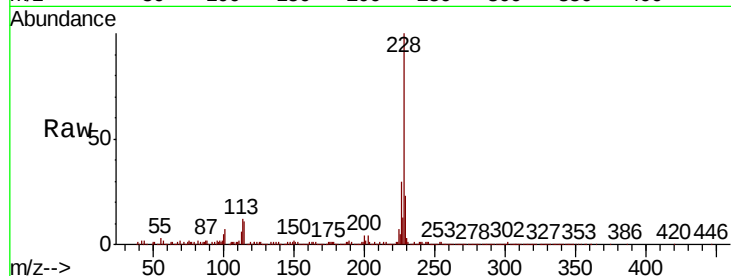
Tgt Ion:228 Resp: 430084

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

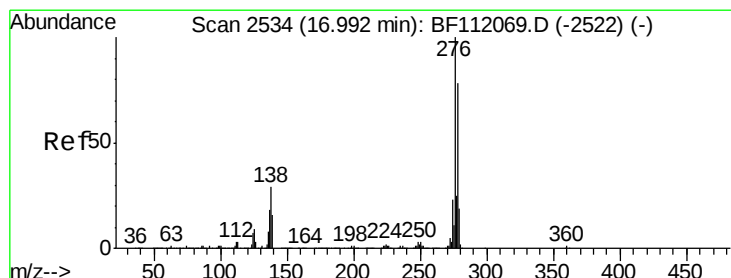
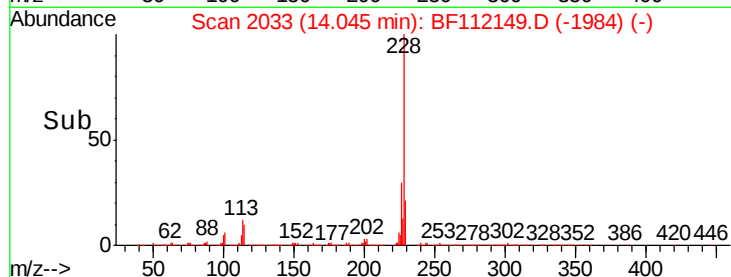
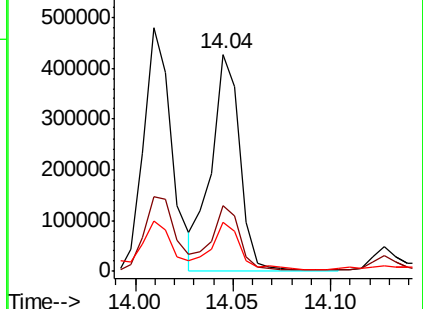
229 22.5 16.6 24.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 6.011 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

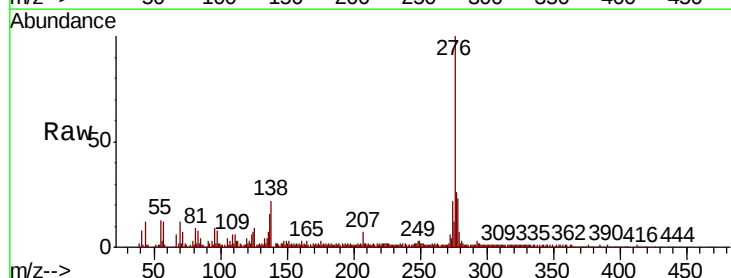
Tgt Ion:276 Resp: 171275

Ion Ratio Lower Upper

276 100

138 23.7 22.6 34.0

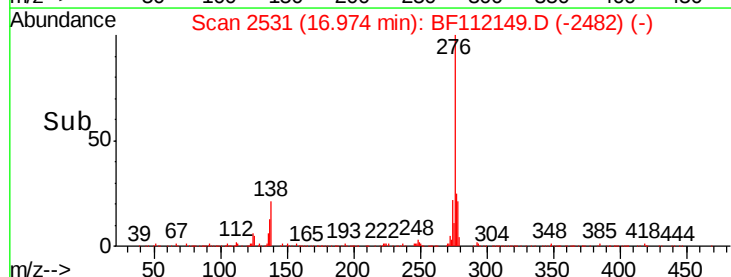
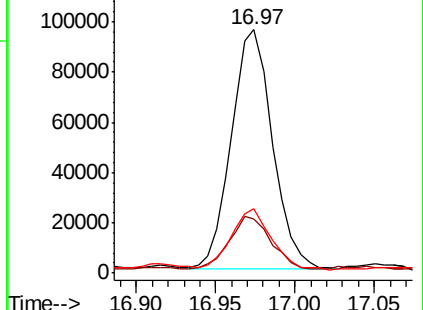
277 24.6 20.3 30.5

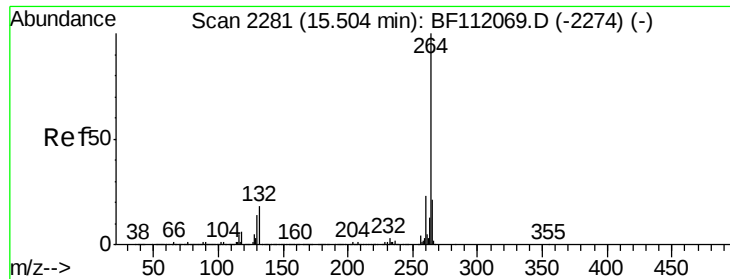


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



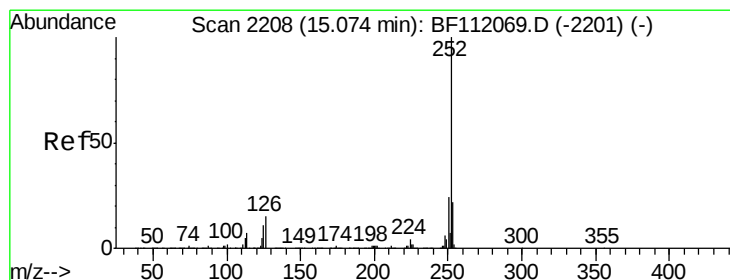
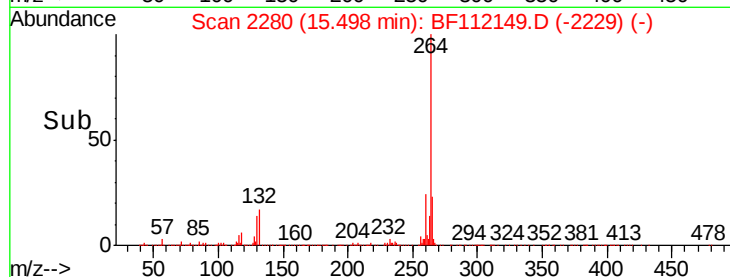
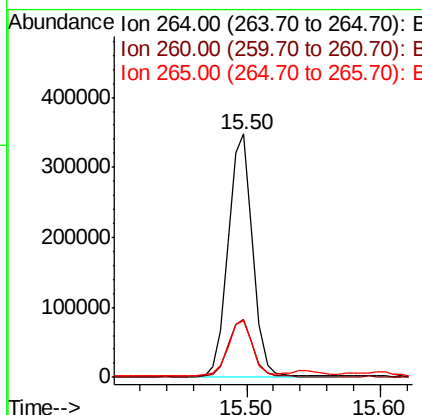
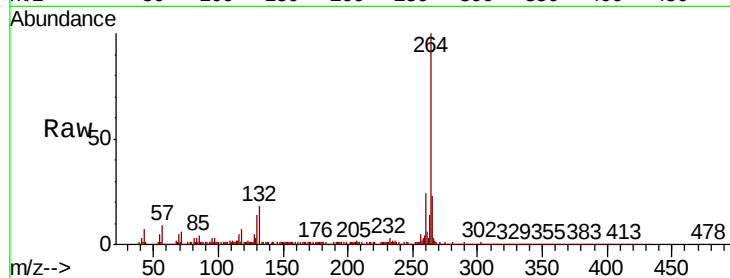


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

Instrument :
BNA_F
ClientSampleId :
SU-01-011719-B

Tgt Ion: 264 Resp: 445086

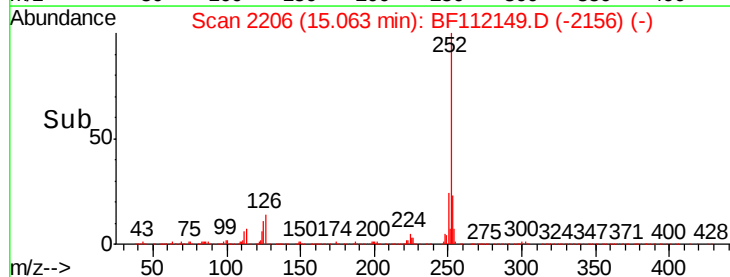
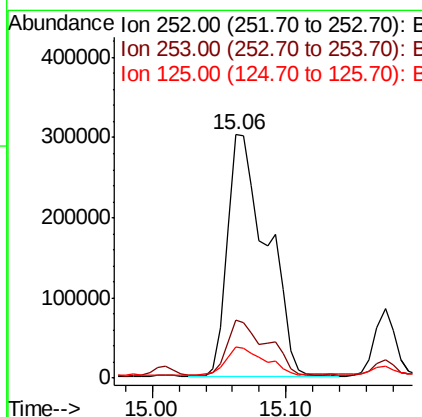
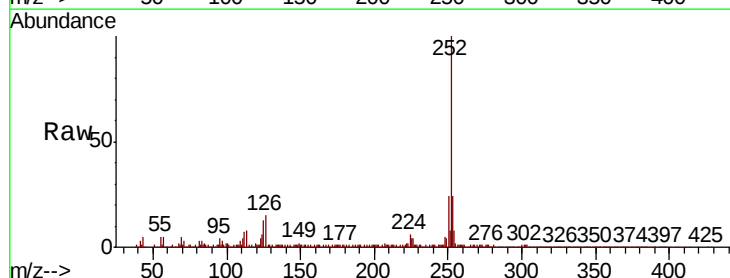
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	23.4	17.0	25.4

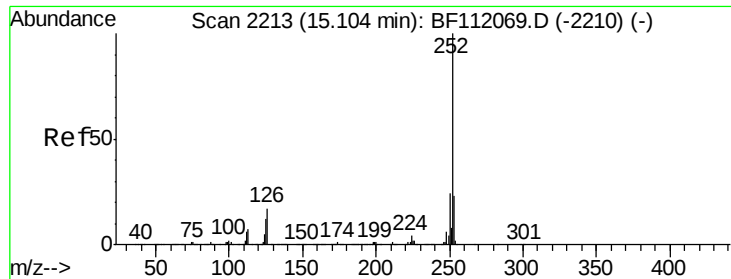


#88
Benzo(b)fluoranthene
Concen: 24.648 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

Tgt Ion: 252 Resp: 622722

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	12.7	8.7	13.1

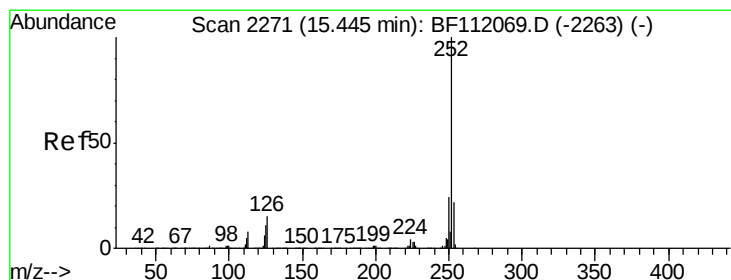
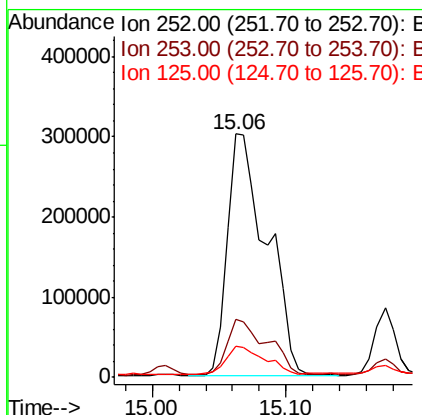
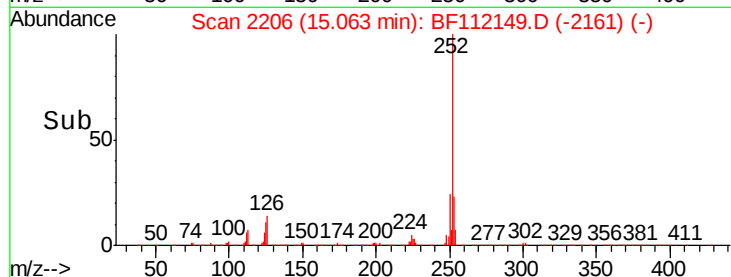
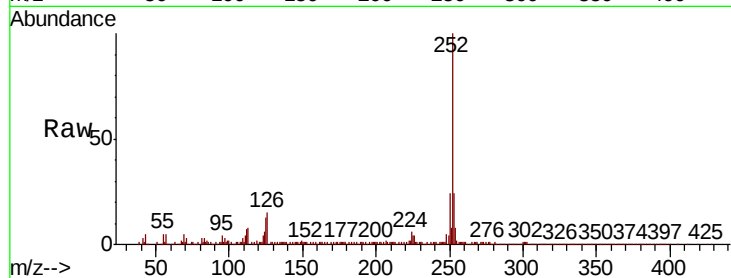




#89
Benzo(k)fluoranthene
Concen: 25.466 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

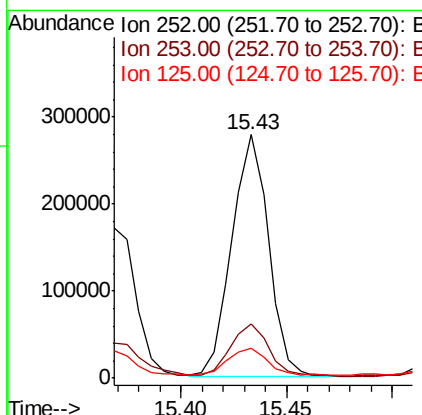
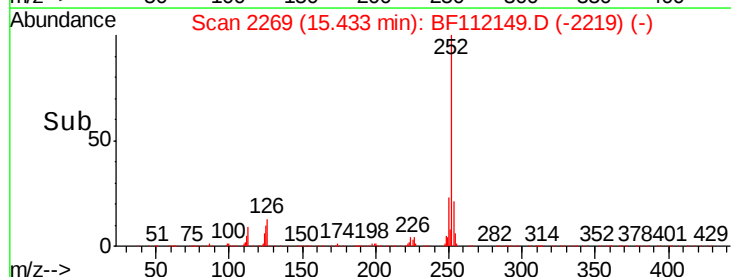
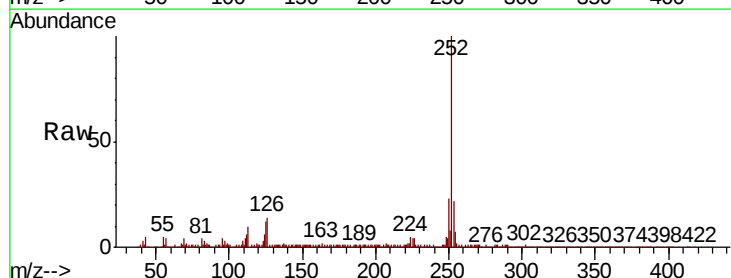
Instrument :
BNA_F
ClientSampleId :
SU-01-011719-B

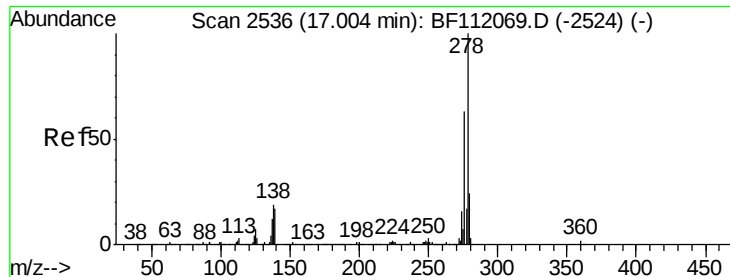
Tgt Ion:252 Resp: 622722
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 12.7 9.1 13.7



#90
Benzo(a)pyrene
Concen: 14.492 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF112149.D
Acq: 19 Jan 2019 2:29

Tgt Ion:252 Resp: 335765
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.2 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 2.176 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

Instrument :

BNA_F

ClientSampleId :

SU-01-011719-B

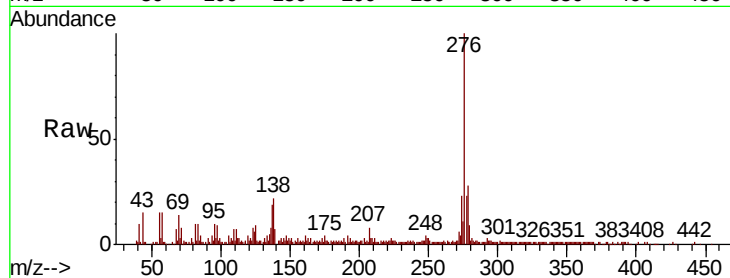
Tgt Ion:278 Resp: 44773

Ion Ratio Lower Upper

278 100

139 24.6 13.7 20.5#

279 32.0 19.0 28.6#

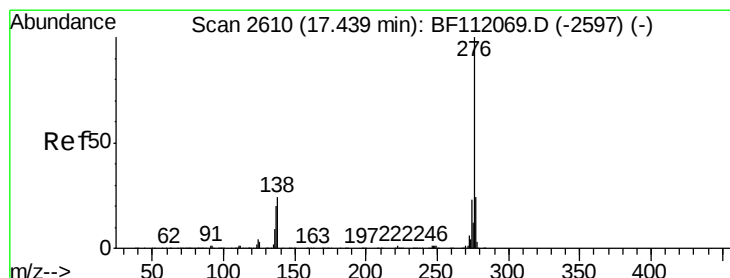
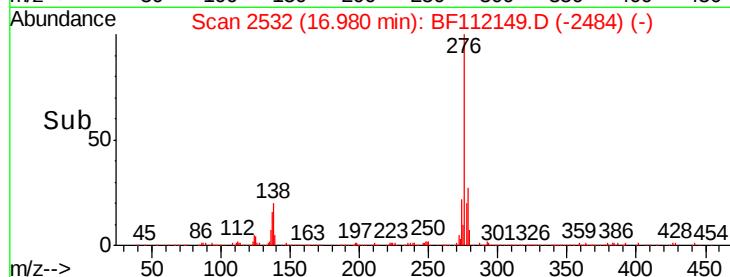
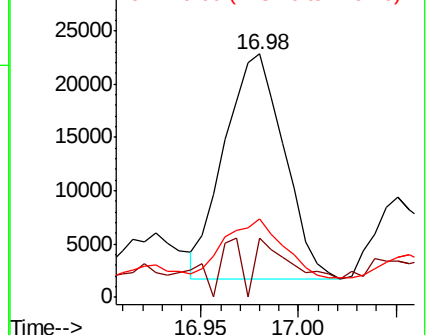


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 8.103 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BF112149.D

Acq: 19 Jan 2019 2:29

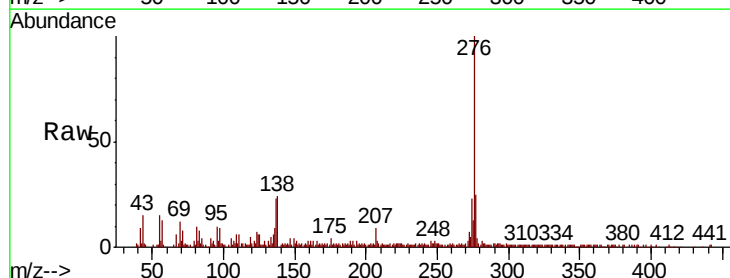
Tgt Ion:276 Resp: 164287

Ion Ratio Lower Upper

276 100

277 25.3 19.4 29.0

138 23.9 19.1 28.7



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

