

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM083119\
 Data File : BM022468.D
 Acq On : 31 Aug 2019 12:34
 Operator : HP/JU
 Sample : K4568-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-18-COMP

Quant Time: Aug 31 15:50:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	26078	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	92807	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	59185	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	133143	20.00	ng	0.00
76) Chrysene-d12	21.17	240	174579	20.00	ng	0.00
87) Perylene-d12	23.36	264	204688	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	210498	141.69	ng	0.00
7) Phenol-d6	6.72	99	269677	135.74	ng	0.00
23) Nitrobenzene-d5	8.69	82	193728	91.43	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	170309	140.62	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	447068	85.57	ng	-0.01
79) Terphenyl-d14	19.60	244	1083591	81.92	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.72	77	967	0.781	ng	# 32
10) Phenol	6.75	94	6155	3.084	ng	# 52
15) Benzyl Alcohol	7.83	79	4158	2.206	ng	# 34
24) Nitrobenzene	8.69	77	840	0.412	ng	# 45
31) Naphthalene	10.34	128	7164	1.484	ng	# 94
37) 2-Methylnaphthalene	11.97	142	3468	0.945	ng	# 97
38) 1-Methylnaphthalene	12.19	142	3216	0.908	ng	# 98
46) 1,1'-Biphenyl	13.00	154	1314	0.272	ng	# 93
49) Acenaphthylene	13.90	152	6184	1.067	ng	# 99
50) Dimethylphthalate	13.66	163	47868	9.299	ng	# 98
52) Acenaphthene	14.25	154	123	0.035	ng	# 74
55) Dibenzofuran	14.60	168	1957	0.334	ng	# 86
58) Fluorene	15.25	166	629	0.120	ng	# 95
60) Diethylphthalate	15.03	149	686	0.128	ng	# 60
71) Phenanthrene	16.99	178	22289	2.872	ng	# 96
72) Anthracene	17.09	178	6542	0.857	ng	# 87
73) Carbazole	17.39	167	3529	0.559	ng	# 88
74) Di-n-butylphthalate	17.92	149	3195	0.373	ng	# 77
75) Fluoranthene	19.02	202	60625	5.866	ng	# 94
77) Benzo(a)anthracene	19.16	184	293	0.100	ng	# 1
78) Pyrene	19.39	202	62344	5.240	ng	# 96
80) Butylbenzylphthalate	20.30	149	2443	0.588	ng	# 97
81) Benzo(a)anthracene	21.15	228	45088	3.598	ng	# 96
83) Chrysene	21.20	228	44185	3.705	ng	# 93
84) Bis(2-ethylhexyl)phthalate	21.06	149	3133	0.556	ng	# 85
85) Di-n-octyl phthalate	21.93	149	1963	0.217	ng	# 25
86) Indeno(1,2,3-cd)pyrene	25.54	276	31350	2.613	ng	# 93
88) Benzo(b)fluoranthene	22.70	252	60889	4.282	ng	# 99
89) Benzo(k)fluoranthene	22.70	252	61023	4.326	ng	# 97
90) Benzo(a)pyrene	23.26	252	40471	3.207	ng	# 95
91) Dibenz(a,h)anthracene	25.53	278	10806	0.859	ng	# 80
92) Benzo(g,h,i)perylene	26.21	276	32341	2.948	ng	# 92

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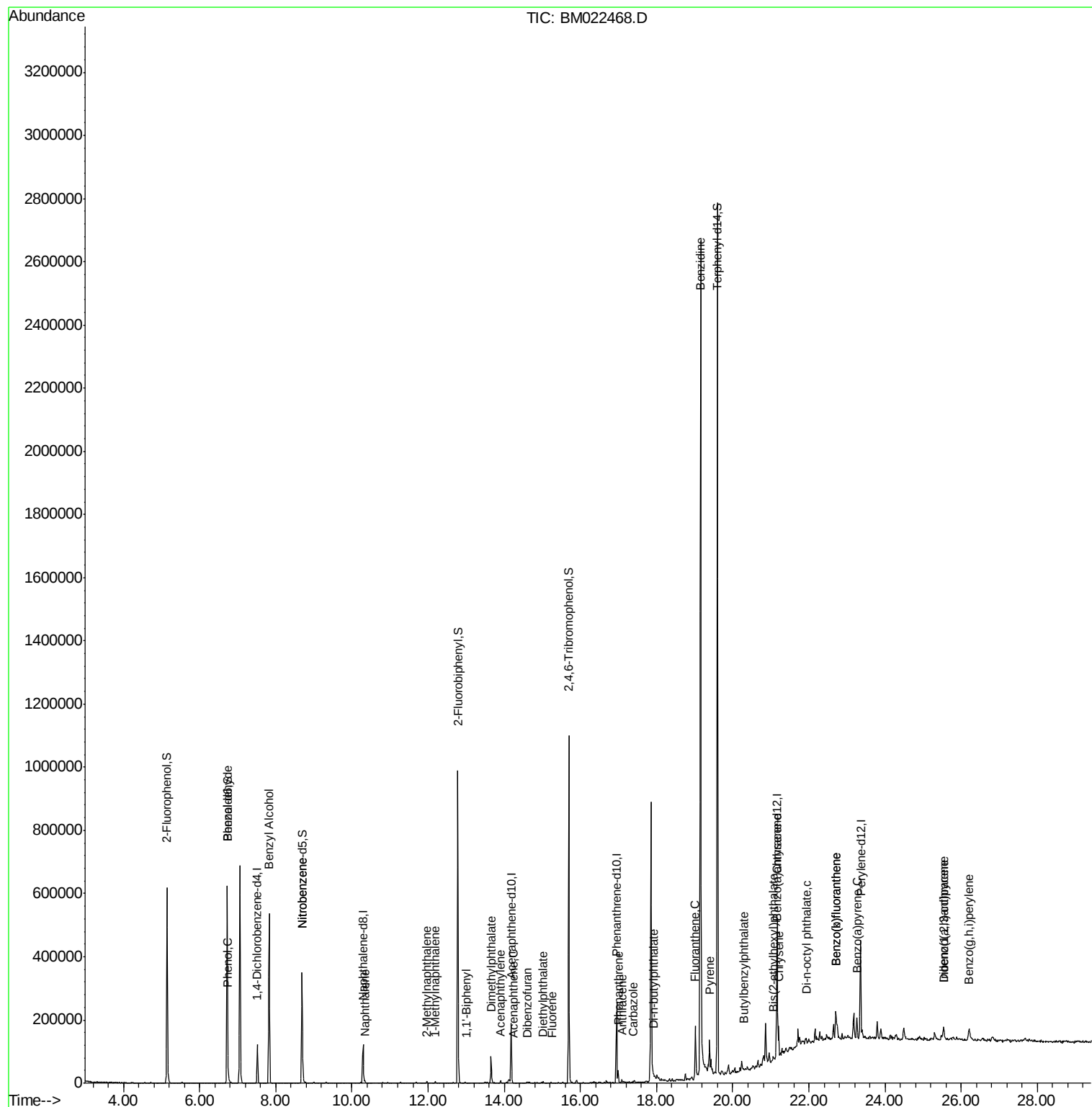
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

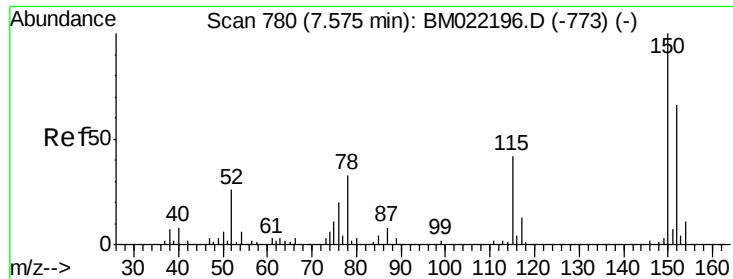
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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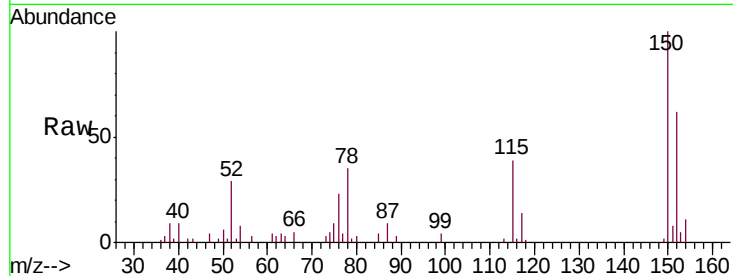


#1

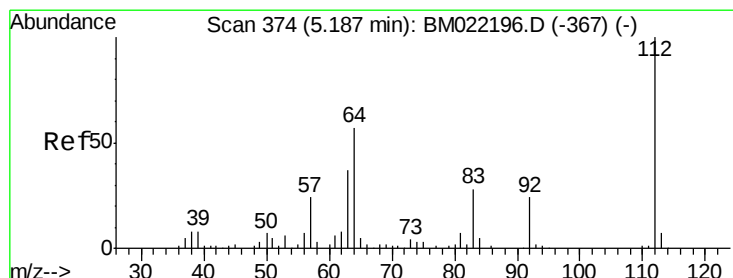
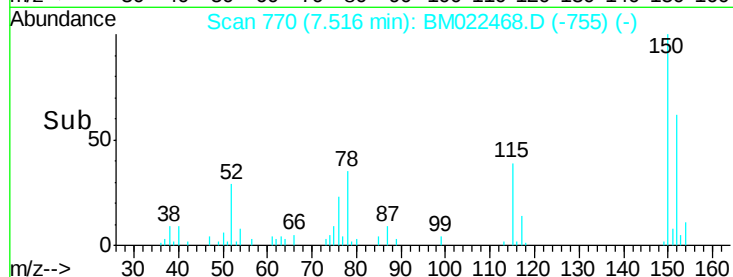
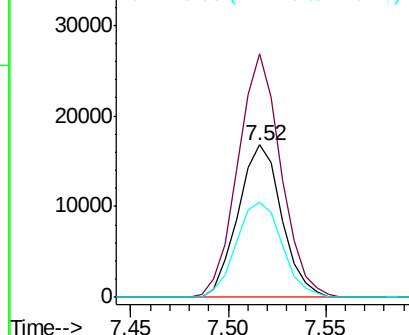
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022468.D
Acq: 31 Aug 2019 12:34

Instrument :
BNA_M
ClientSampleId :
SB-18-COMP

Tgt Ion:152 Resp: 26078
Ion Ratio Lower Upper
152 100
150 160.0 125.4 188.0
115 62.4 50.3 75.5



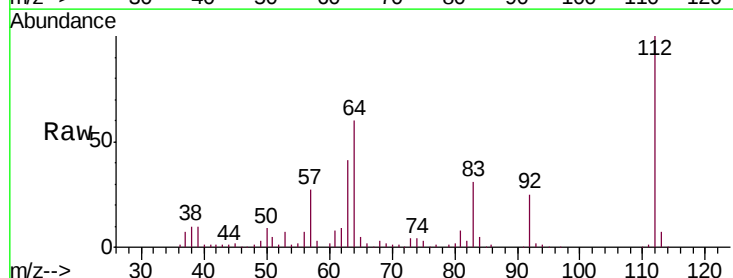
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



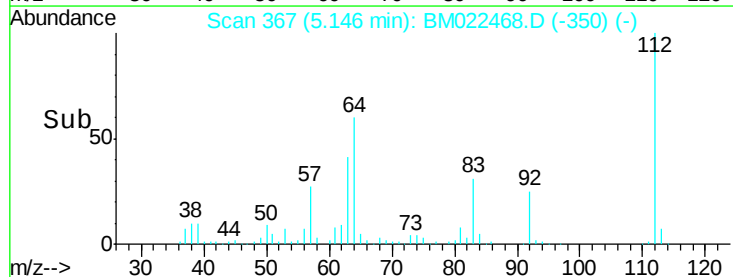
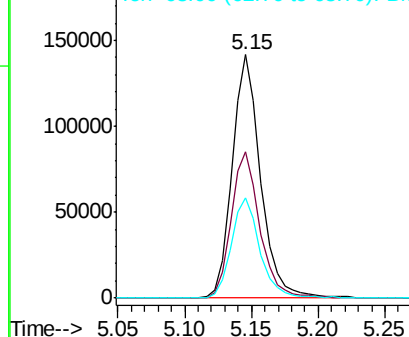
#5

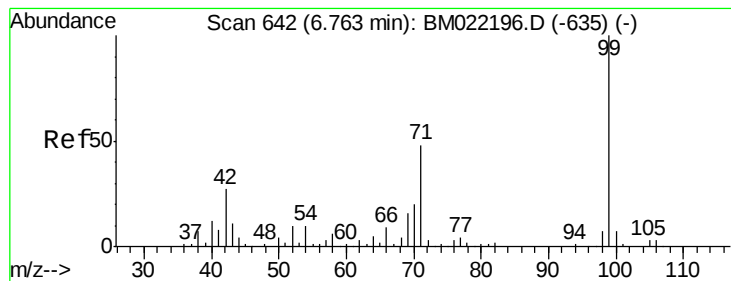
2-Fluorophenol
Concen: 141.688 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022468.D
Acq: 31 Aug 2019 12:34

Tgt Ion:112 Resp: 210498
Ion Ratio Lower Upper
112 100
64 60.1 45.4 68.2
63 41.2 34.5 51.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 135.741 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

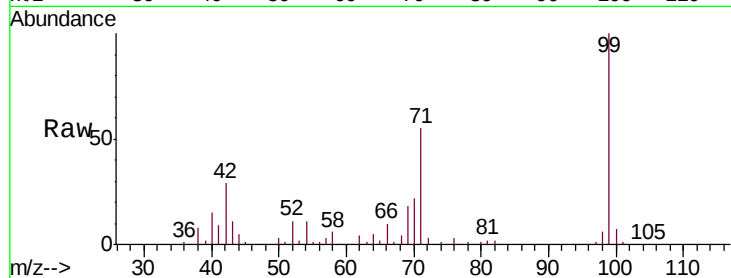
Tgt Ion: 99 Resp: 269677

Ion Ratio Lower Upper

99 100

42 29.5 26.3 39.5

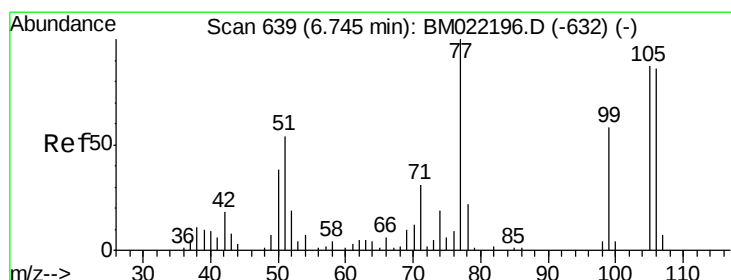
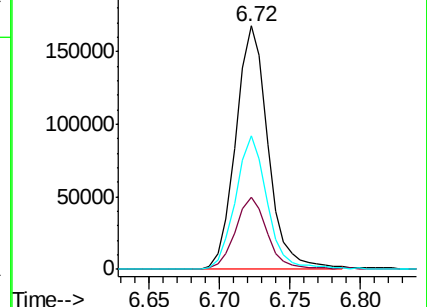
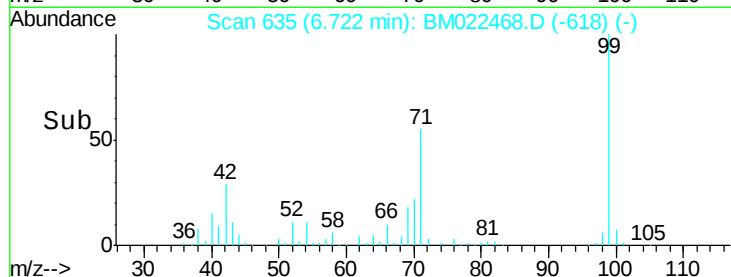
71 54.8 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#9

Benzaldehyde

Concen: 0.781 ng

RT: 6.72 min Scan# 635

Delta R.T. 0.02 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

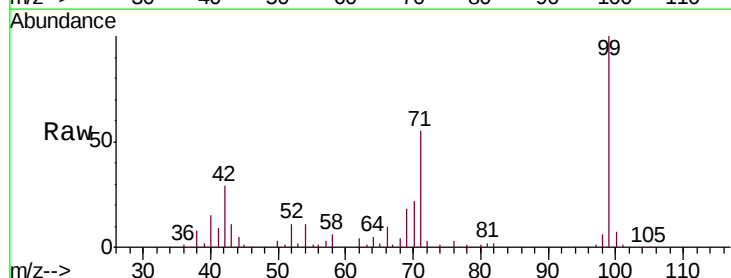
Tgt Ion: 77 Resp: 967

Ion Ratio Lower Upper

77 100

105 38.4 60.1 100.1#

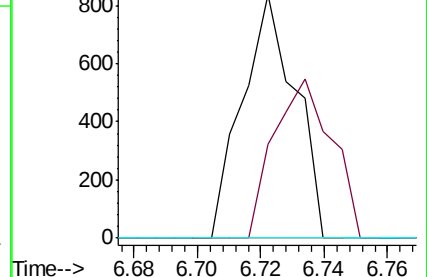
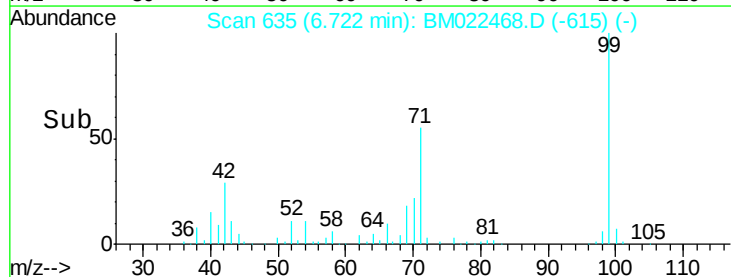
106 0.0 57.4 97.4#

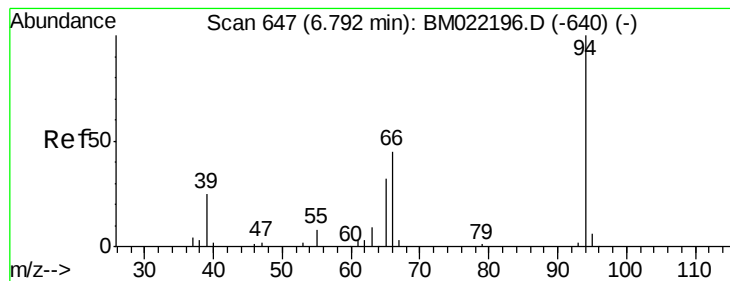


Abundance Ion 77.00 (76.70 to 77.70): BM022196.D (-632) (-)

Ion 105.00 (104.70 to 105.70): BM022196.D (-632) (-)

Ion 106.00 (105.70 to 106.70): BM022196.D (-632) (-)





#10

Phenol

Concen: 3.084 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

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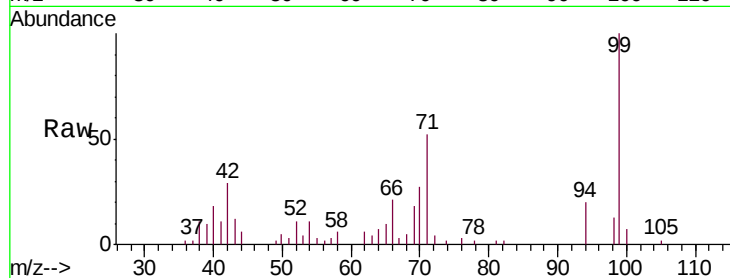
Tgt Ion: 94 Resp: 6155

Ion Ratio Lower Upper

94 100

65 52.9 17.7 57.7

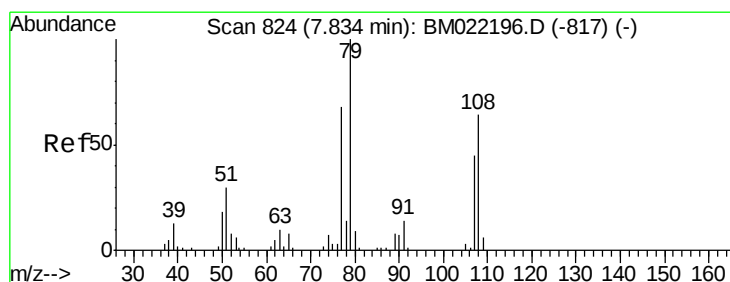
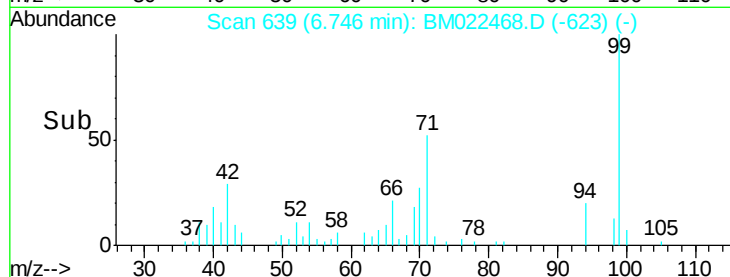
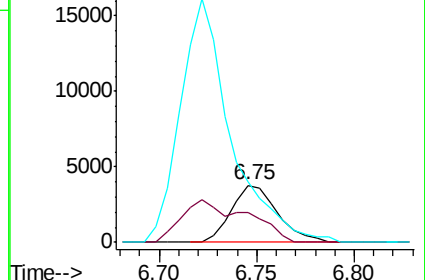
66 106.4 39.6 79.6#



Abundance Ion 94.00 (93.70 to 94.70): BM022196.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM022196.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM022196.D (-640) (-)



#15

Benzyl Alcohol

Concen: 2.206 ng

RT: 7.83 min Scan# 823

Delta R.T. 0.04 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

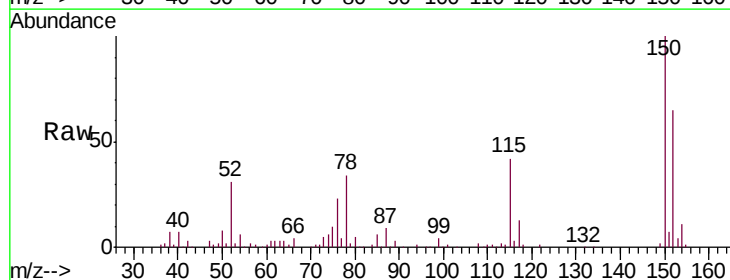
Tgt Ion: 79 Resp: 4158

Ion Ratio Lower Upper

79 100

108 74.8 48.2 72.4#

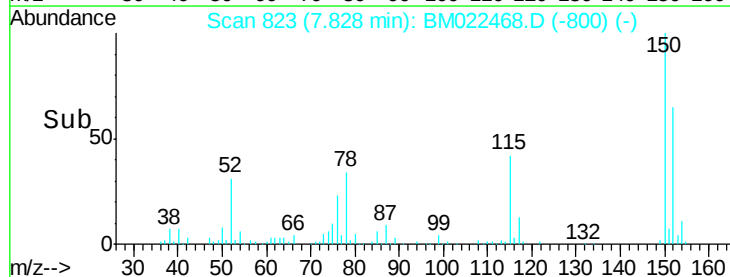
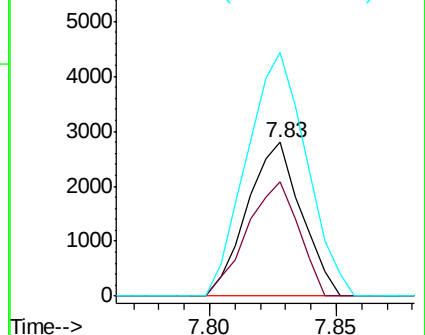
77 158.5 56.6 85.0#

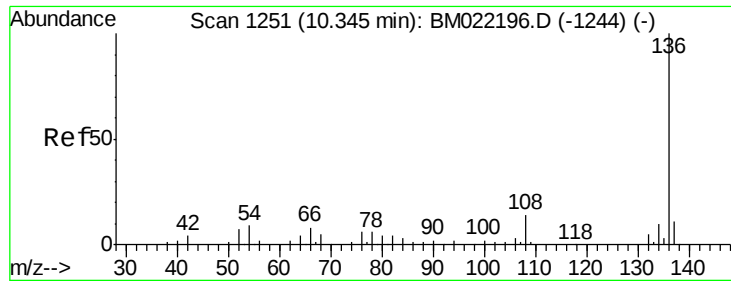


Abundance Ion 79.00 (78.70 to 79.70): BM022196.D (-817) (-)

Ion 108.00 (107.70 to 108.70): BM022196.D (-817) (-)

Ion 77.00 (76.70 to 77.70): BM022196.D (-817) (-)

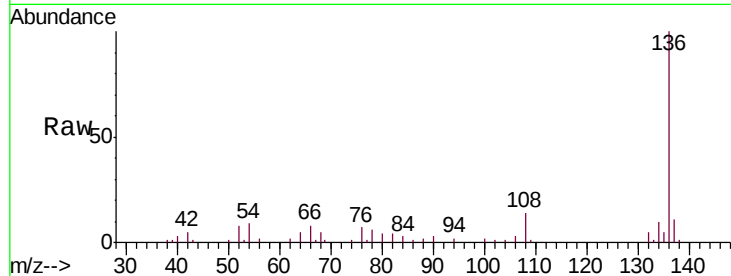




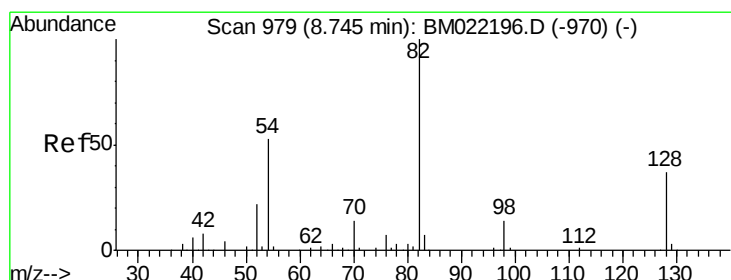
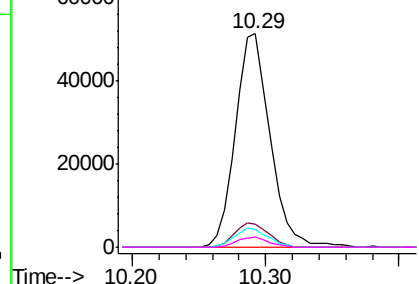
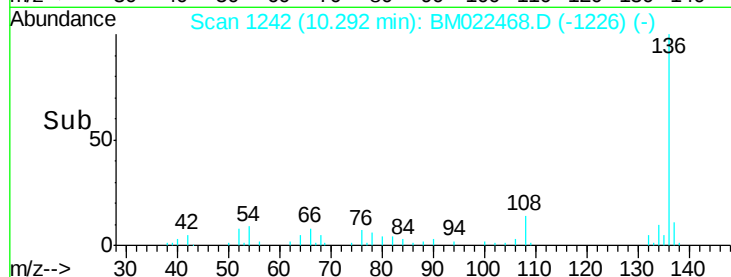
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022468.D
Acq: 31 Aug 2019 12:34

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Tgt Ion:	136	Resp:	92807
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	7.0	10.6
68	5.1	2.9	4.3#

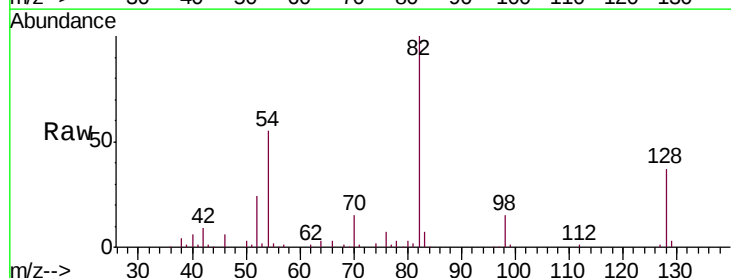


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

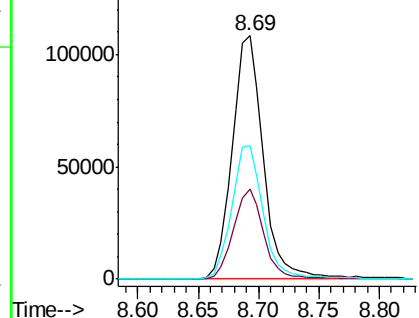
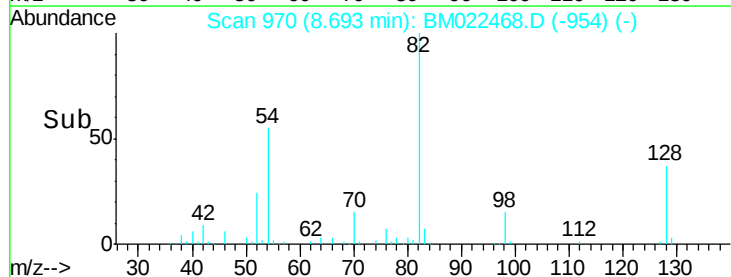


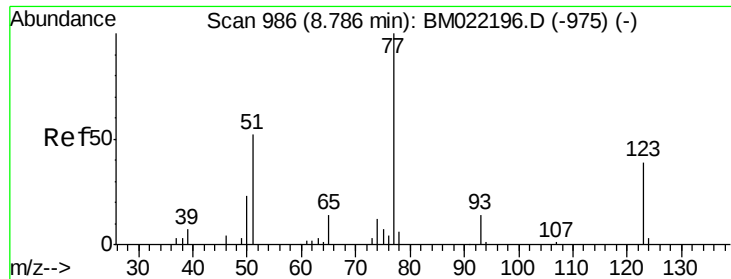
#23
Nitrobenzene-d5
Concen: 91.430 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022468.D
Acq: 31 Aug 2019 12:34

Tgt Ion:	82	Resp:	193728
Ion	Ratio	Lower	Upper
82	100		
128	36.8	27.9	41.9
54	54.8	45.2	67.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

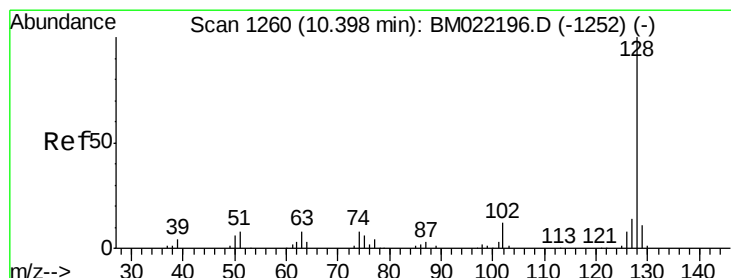
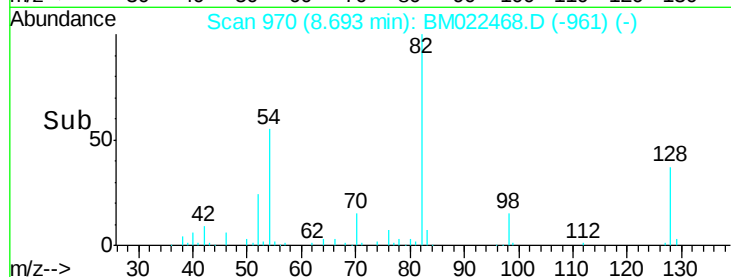
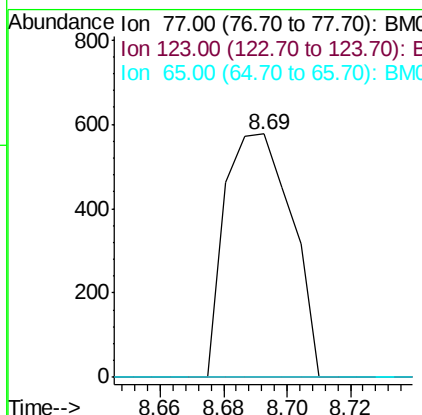
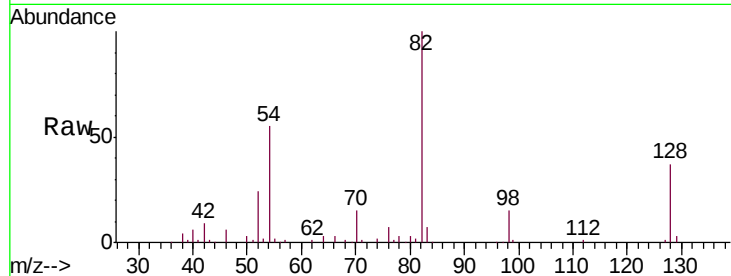




#24
 Nitrobenzene
 Concen: 0.412 ng
 RT: 8.69 min Scan# 970
 Delta R.T. -0.05 min
 Lab File: BM022468.D
 Acq: 31 Aug 2019 12:34

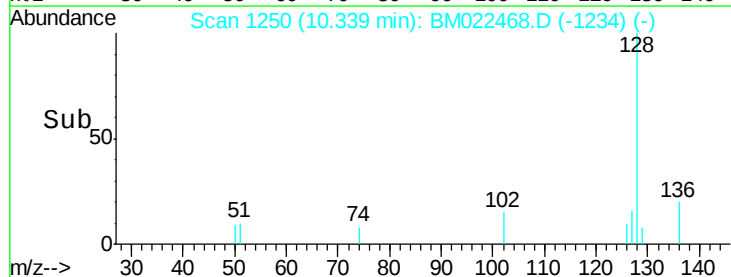
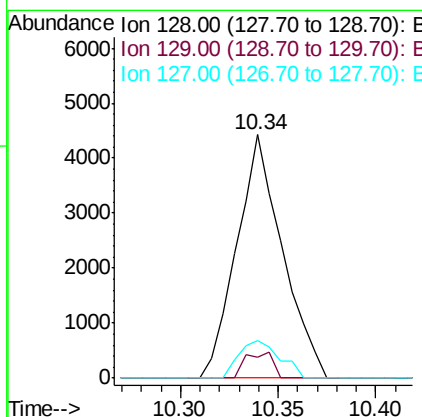
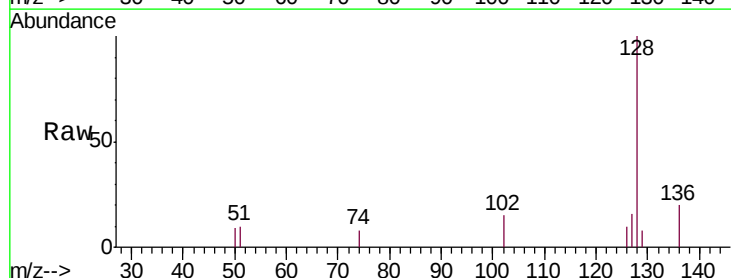
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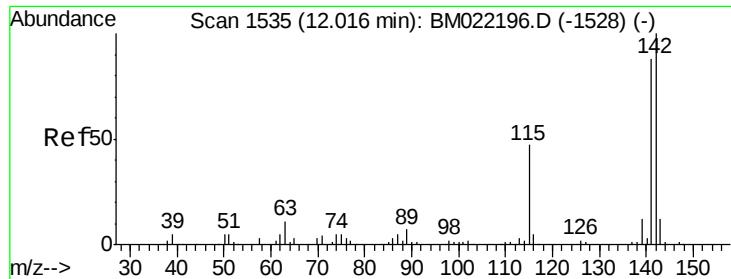
Tgt Ion: 77 Resp: 840
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.0 45.0#
 65 0.0 11.5 17.3#



#31
 Naphthalene
 Concen: 1.484 ng
 RT: 10.34 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BM022468.D
 Acq: 31 Aug 2019 12:34

Tgt Ion: 128 Resp: 7164
 Ion Ratio Lower Upper
 128 100
 129 8.4 9.0 13.4#
 127 15.5 11.0 16.4

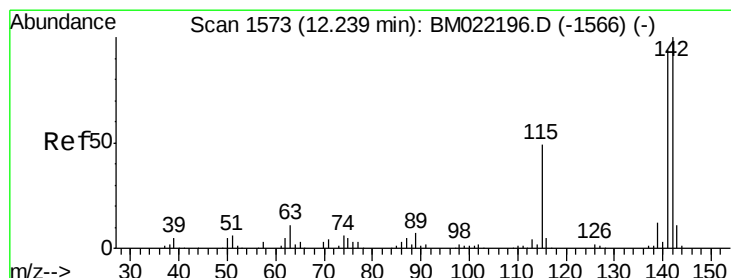
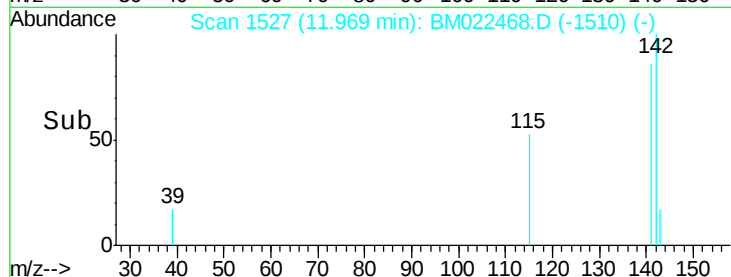
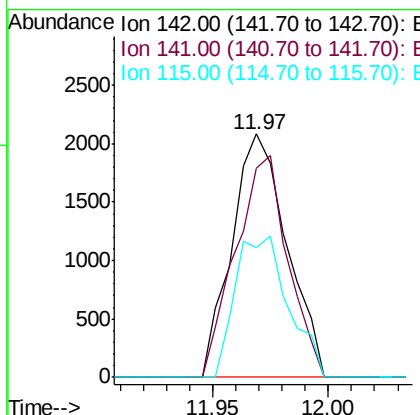
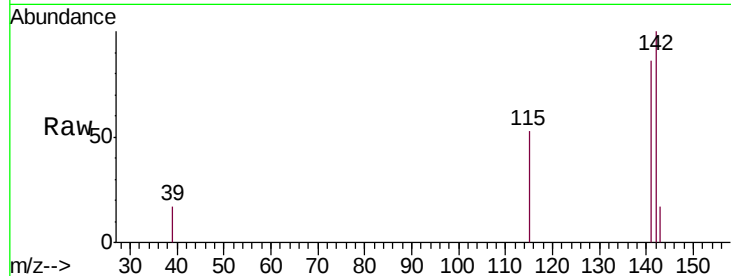




#37
 2-Methylnaphthalene
 Concen: 0.945 ng
 RT: 11.97 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BM022468.D
 Acq: 31 Aug 2019 12:34

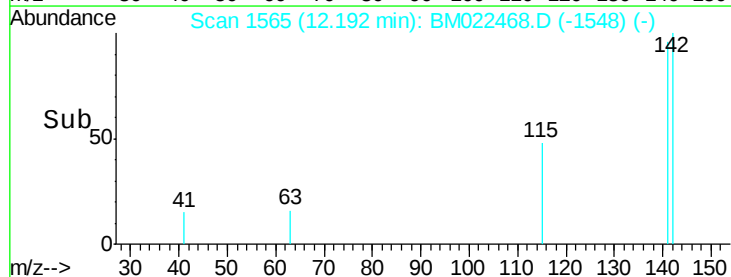
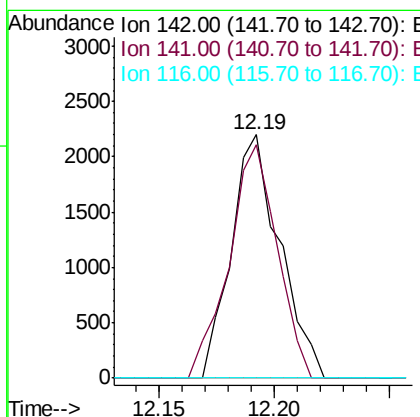
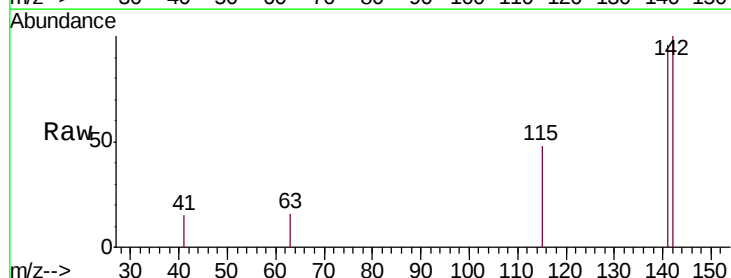
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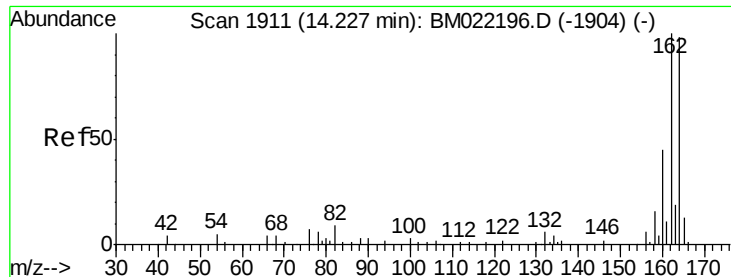
Tgt Ion:142 Resp: 3468
 Ion Ratio Lower Upper
 142 100
 141 85.9 72.2 108.2
 115 53.1 43.2 64.8



#38
 1-Methylnaphthalene
 Concen: 0.908 ng
 RT: 12.19 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BM022468.D
 Acq: 31 Aug 2019 12:34

Tgt Ion:142 Resp: 3216
 Ion Ratio Lower Upper
 142 100
 141 95.8 77.3 115.9
 116 0.0 4.9 7.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

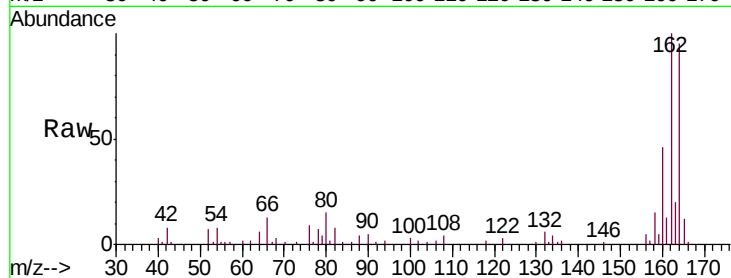
Tgt Ion:164 Resp: 59185

Ion Ratio Lower Upper

164 100

162 105.4 80.6 121.0

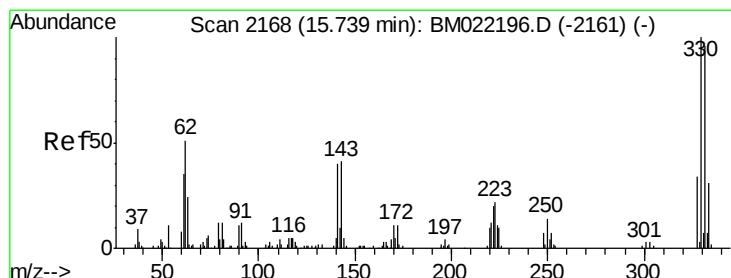
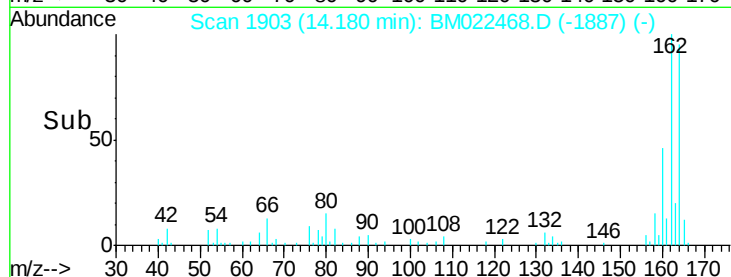
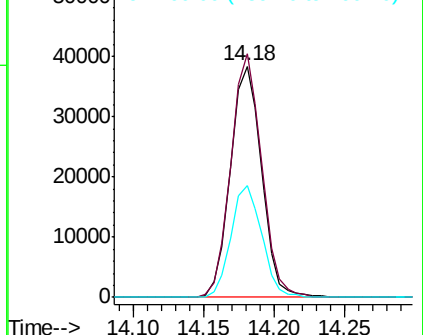
160 48.2 37.3 55.9



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: 140.625 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

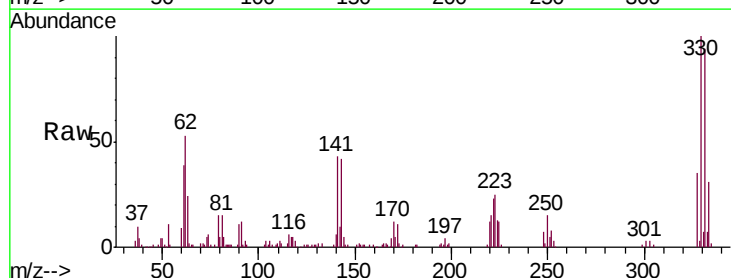
Tgt Ion:330 Resp: 170309

Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.8

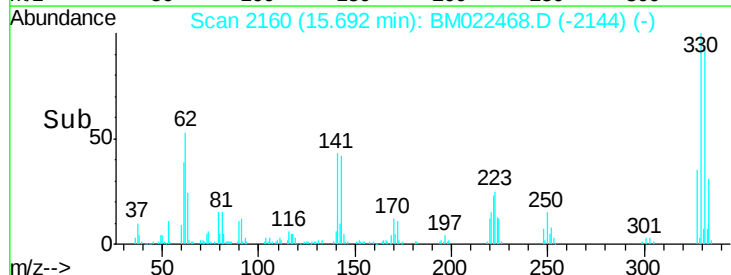
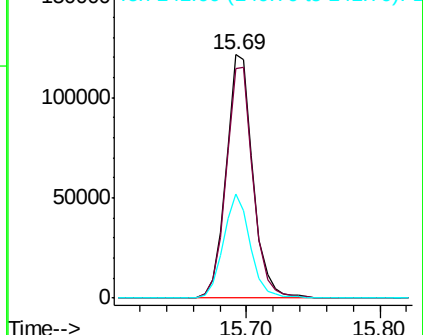
141 43.1 35.6 53.4

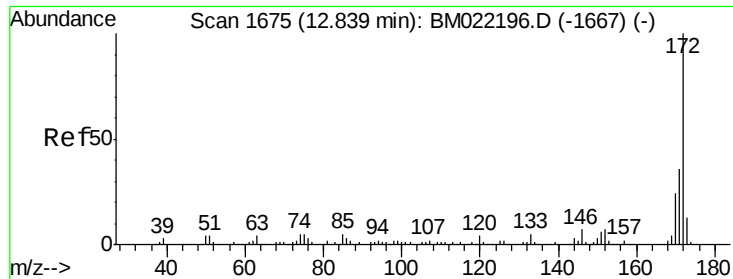


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

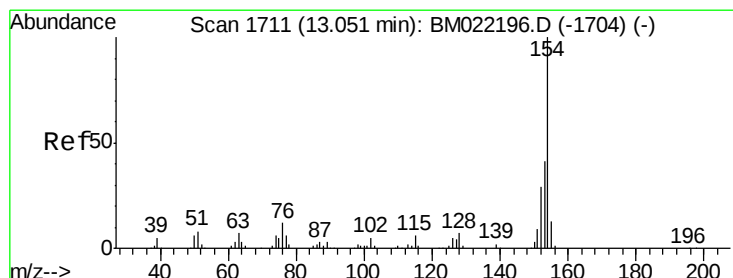
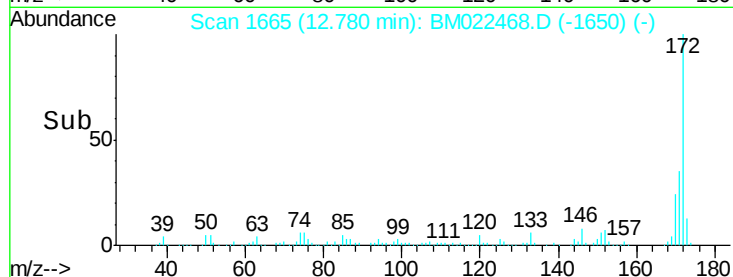
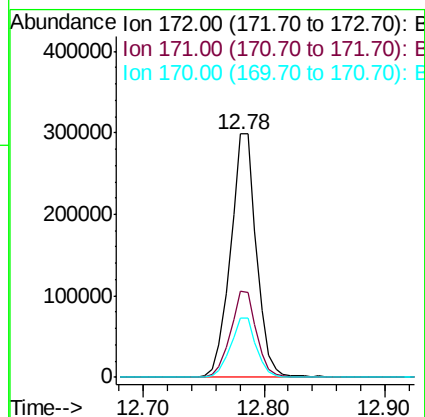
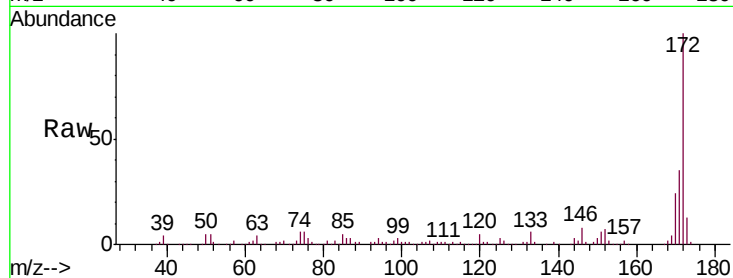




#45
 2-Fluorobiphenyl
 Concen: 85.572 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM022468.D
 Acq: 31 Aug 2019 12:34

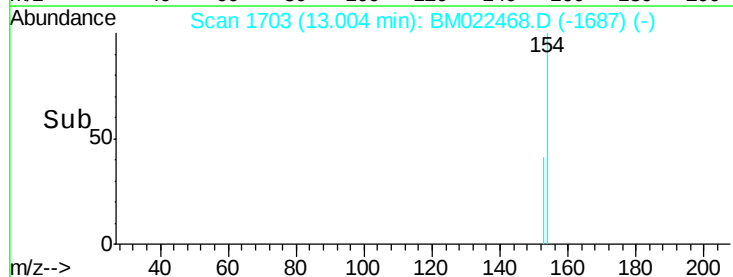
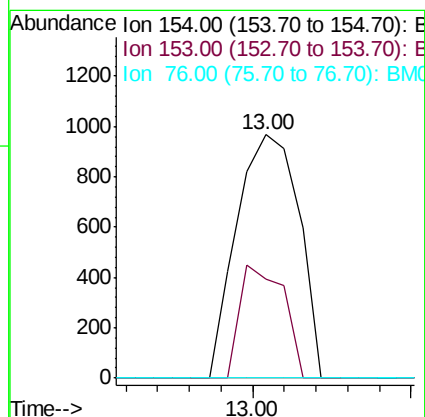
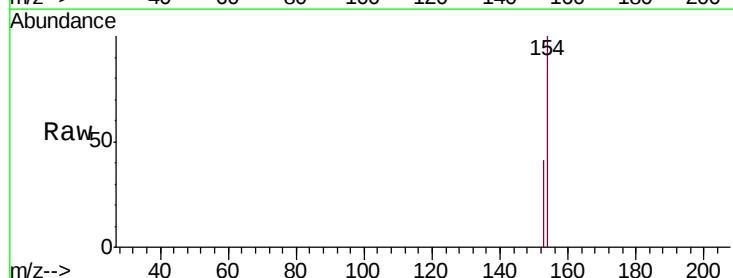
Instrument :
 BNA_M
 ClientSampleId :
 SB-18-COMP

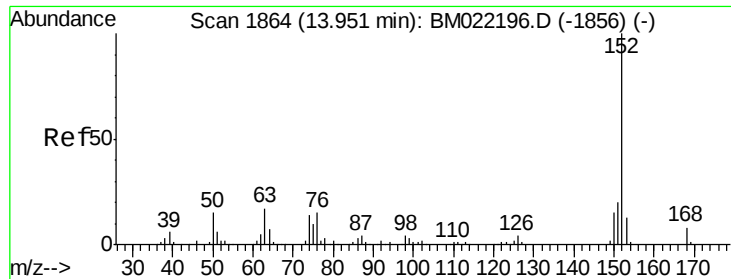
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.3	18.9	28.3



#46
 1,1'-Biphenyl
 Concen: 0.272 ng
 RT: 13.00 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BM022468.D
 Acq: 31 Aug 2019 12:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	0.0	0.0	30.9





#49

Acenaphthylene

Concen: 1.067 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

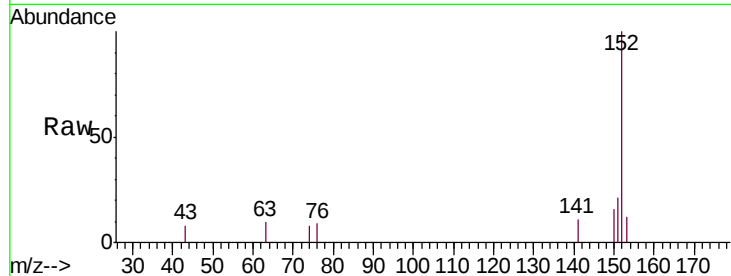
Tgt Ion:152 Resp: 6184

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

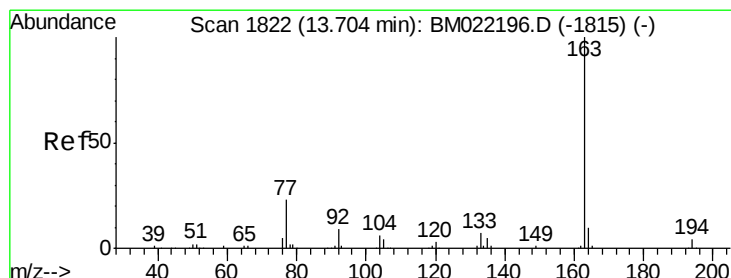
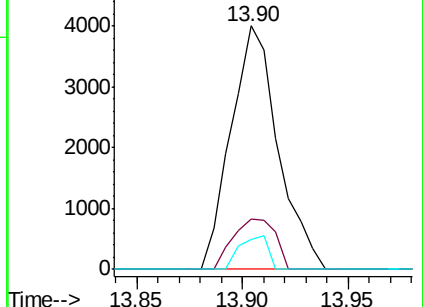
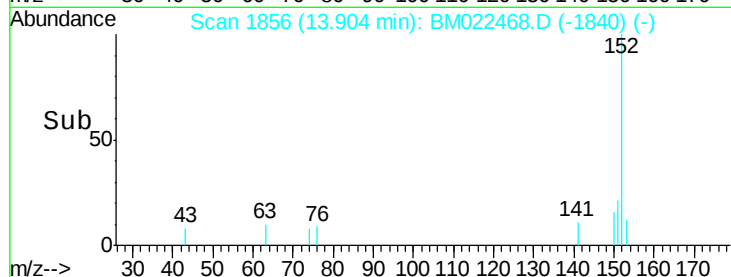
153 12.2 10.4 15.6



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: 9.299 ng

RT: 13.66 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

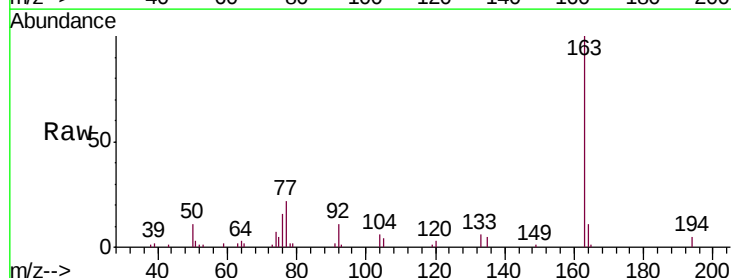
Tgt Ion:163 Resp: 47868

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2

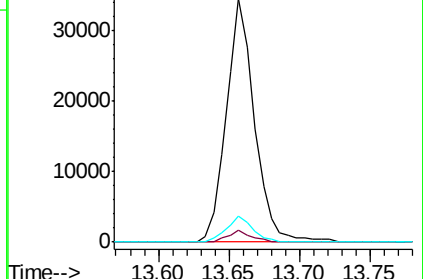
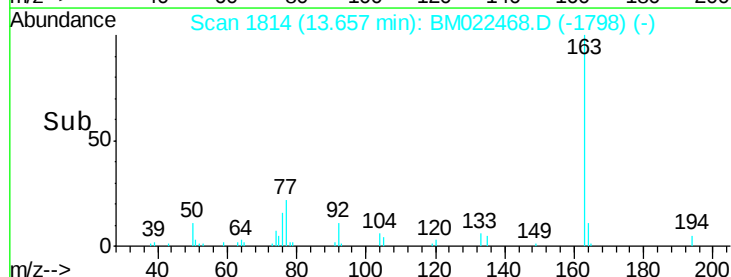
164 10.7 8.2 12.2

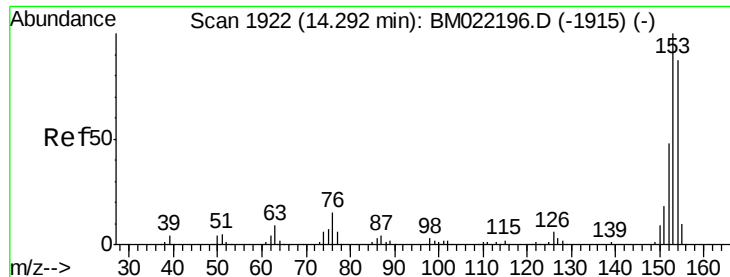


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.035 ng

RT: 14.25 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

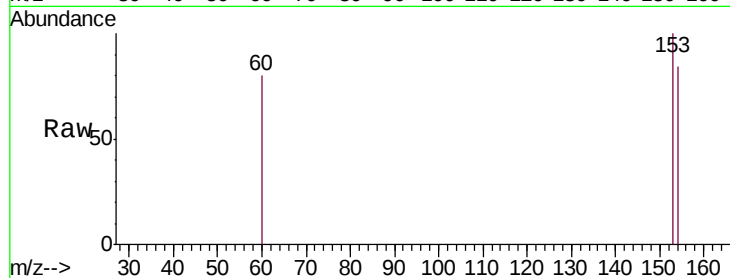
Tgt Ion:154 Resp: 123

Ion Ratio Lower Upper

154 100

153 118.6 94.3 141.5

152 0.0 45.4 68.2#



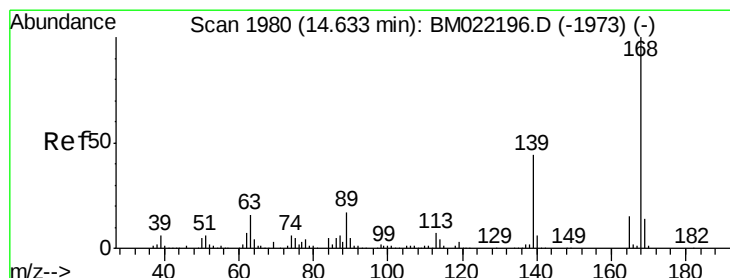
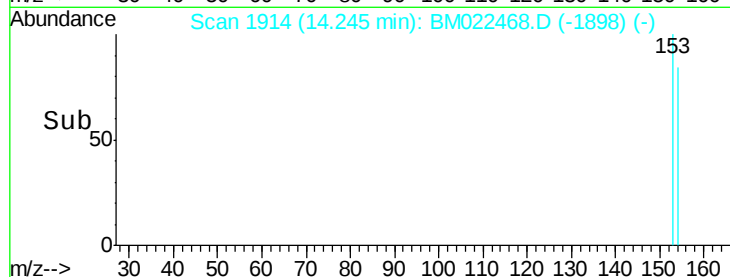
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.25

Time-->



#55

Dibenzofuran

Concen: 0.334 ng

RT: 14.60 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

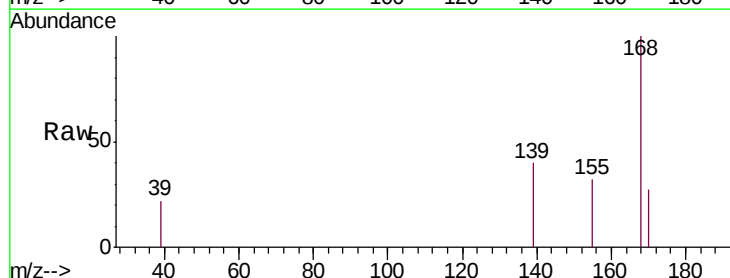
Tgt Ion:168 Resp: 1957

Ion Ratio Lower Upper

168 100

139 39.7 36.1 54.1

169 0.0 10.4 15.6#



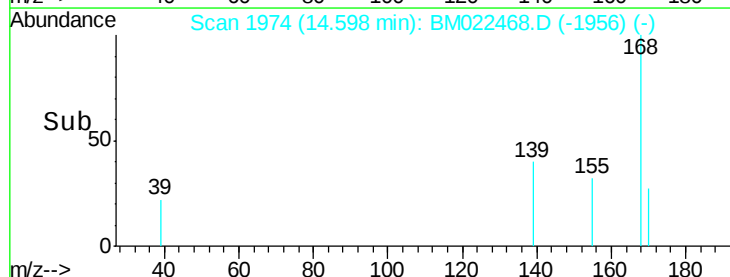
Abundance Ion 168.00 (167.70 to 168.70): E

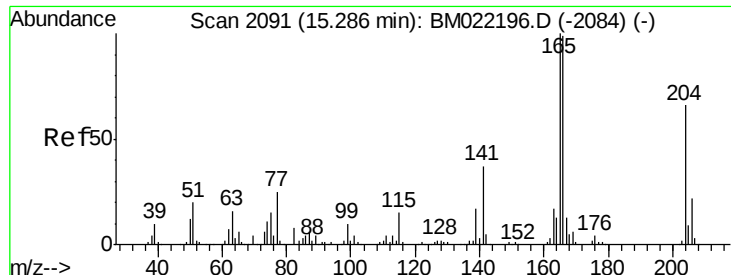
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

14.60

Time-->





#58

Fluorene

Concen: 0.120 ng

RT: 15.25 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

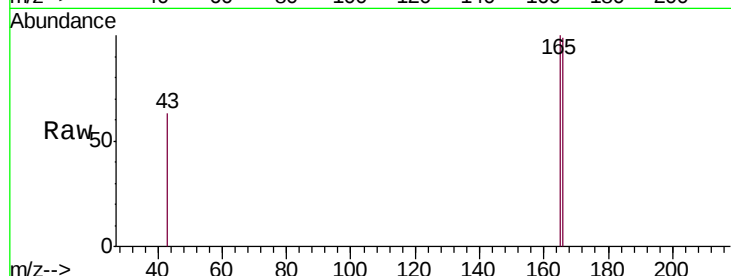
Tgt Ion:166 Resp: 629

Ion Ratio Lower Upper

166 100

165 100.8 81.1 121.7

167 0.0 11.1 16.7#



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

15.25

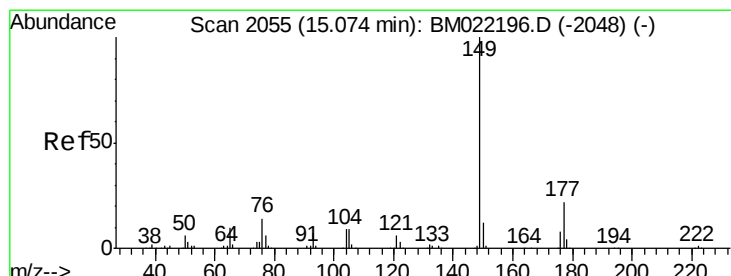
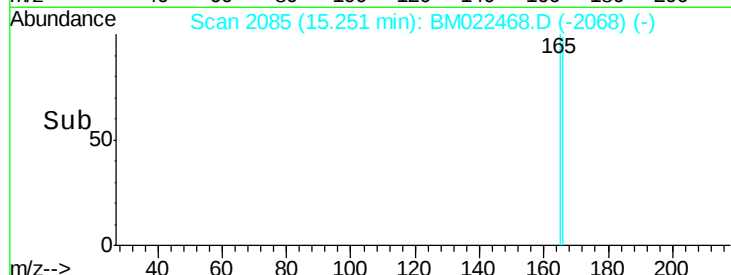
400

200

0

15.22 15.24 15.26 15.28

Time-->



#60

Diethylphthalate

Concen: 0.128 ng

RT: 15.03 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

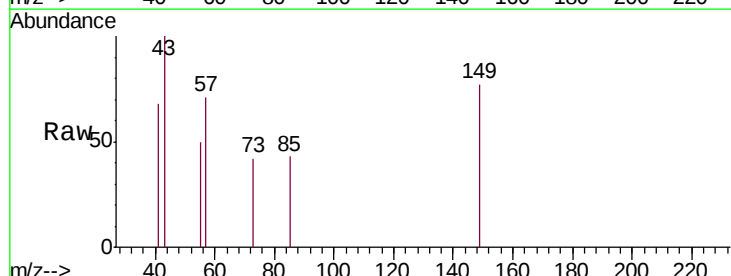
Tgt Ion:149 Resp: 686

Ion Ratio Lower Upper

149 100

177 0.0 16.6 25.0#

150 0.0 9.8 14.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.03

800

600

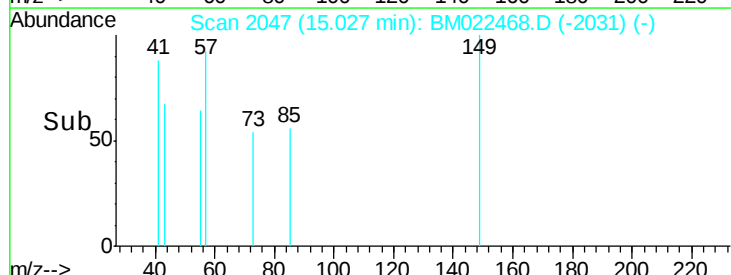
400

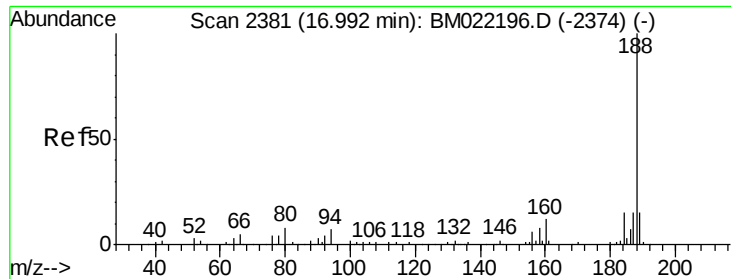
200

0

15.00 15.02 15.04 15.06

Time-->

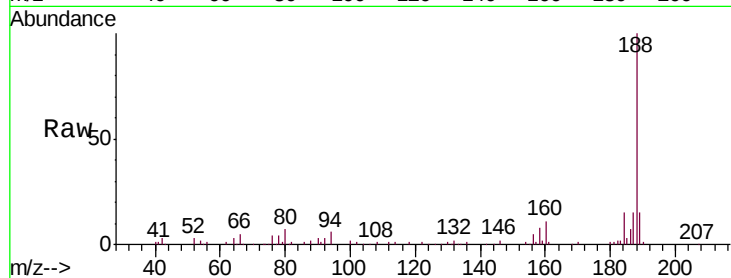




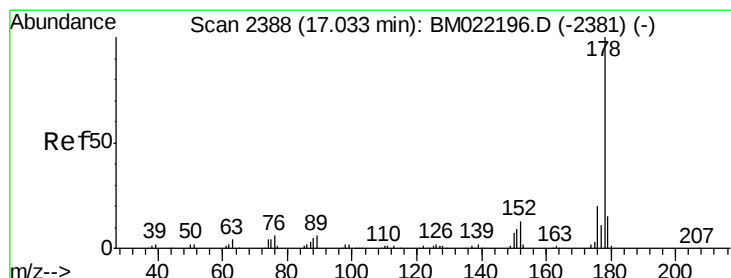
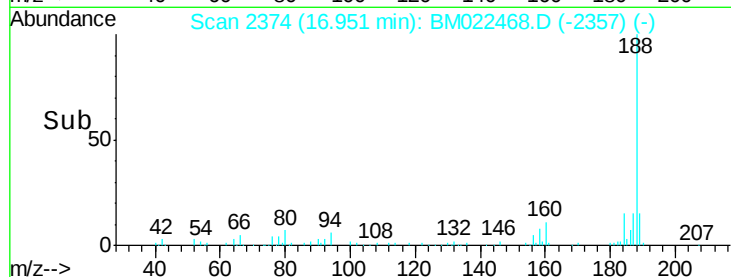
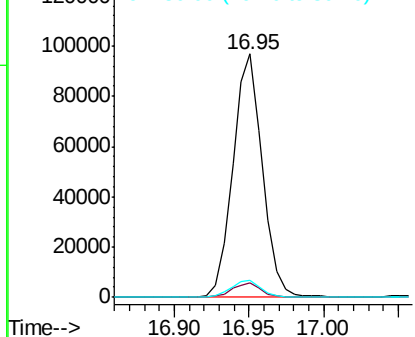
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022468.D
Acq: 31 Aug 2019 12:34

Instrument :
BNA_M
ClientSampleId :
SB-18-COMP

Tgt Ion:188 Resp: 133143
Ion Ratio Lower Upper
188 100
94 5.8 4.4 6.6
80 6.8 5.0 7.6

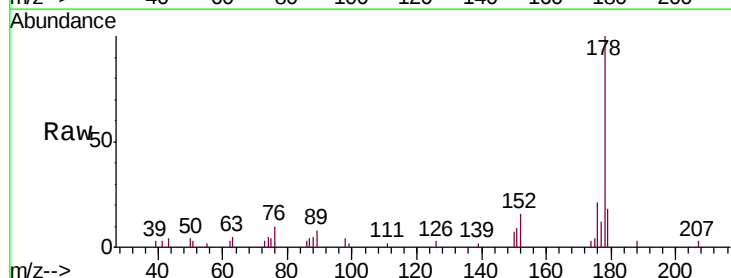


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

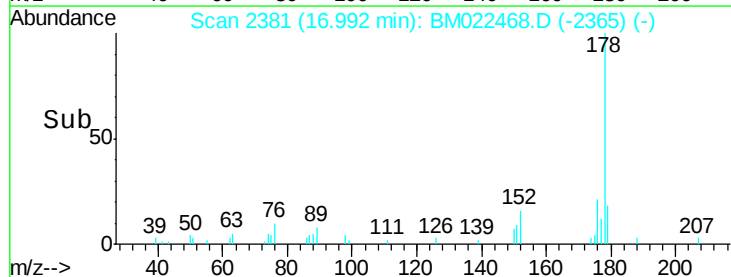
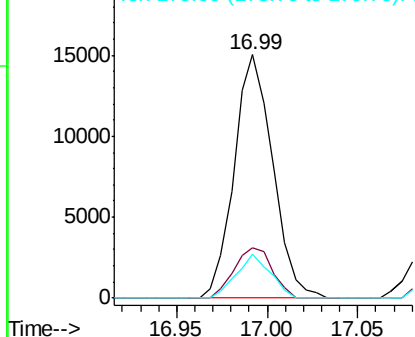


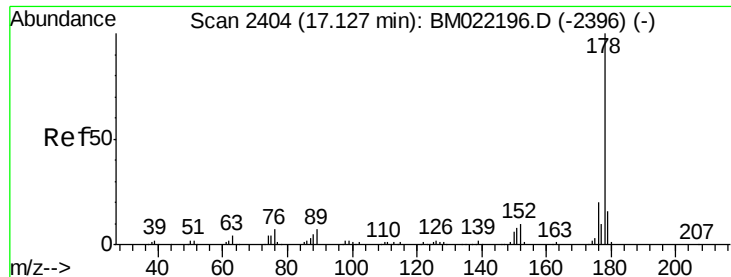
#71
Phenanthrene
Concen: 2.872 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM022468.D
Acq: 31 Aug 2019 12:34

Tgt Ion:178 Resp: 22289
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.2
179 17.9 12.3 18.5



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: 0.857 ng

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

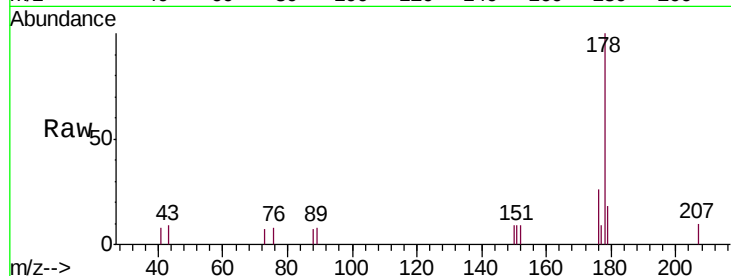
Tgt Ion:178 Resp: 6542

Ion Ratio Lower Upper

178 100

176 26.1 15.0 22.4#

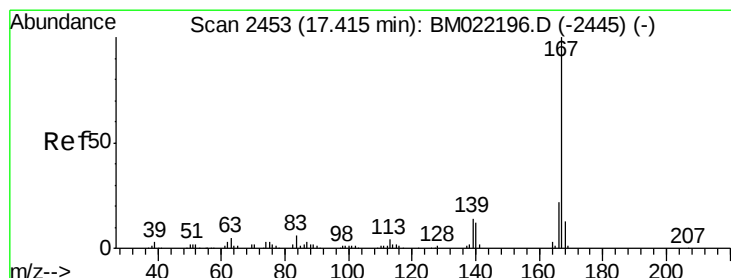
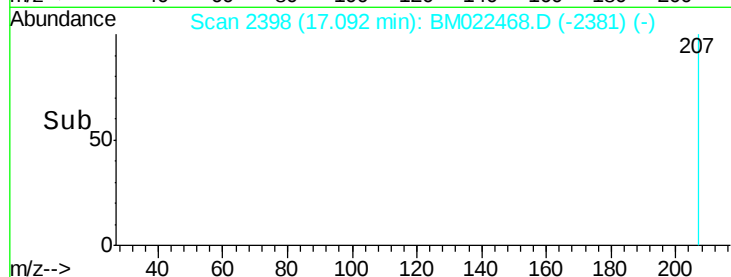
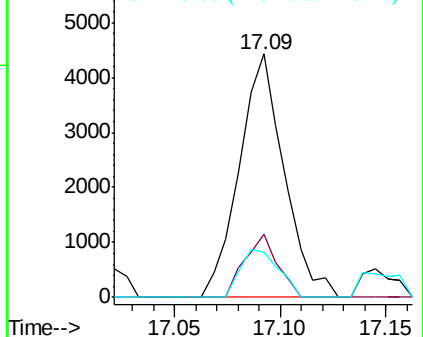
179 18.4 11.8 17.6#



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: 0.559 ng

RT: 17.39 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

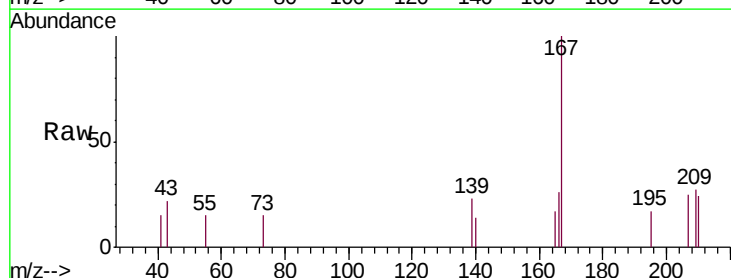
Tgt Ion:167 Resp: 3529

Ion Ratio Lower Upper

167 100

166 25.7 17.8 26.6

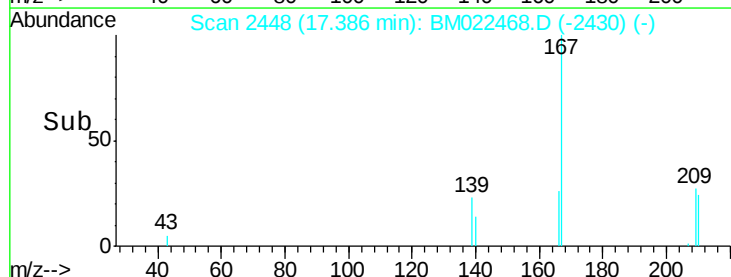
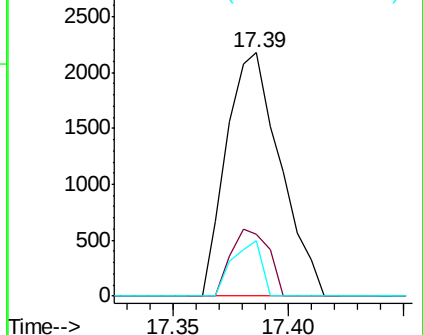
139 22.6 11.6 17.4#

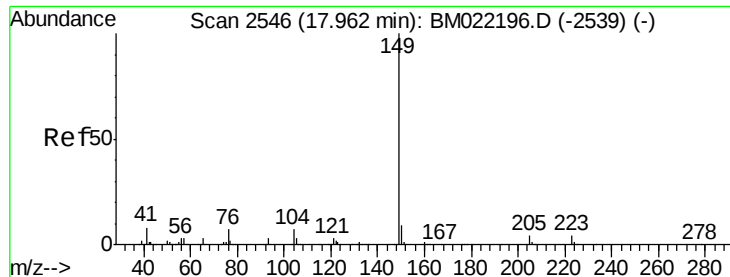


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.373 ng

RT: 17.92 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

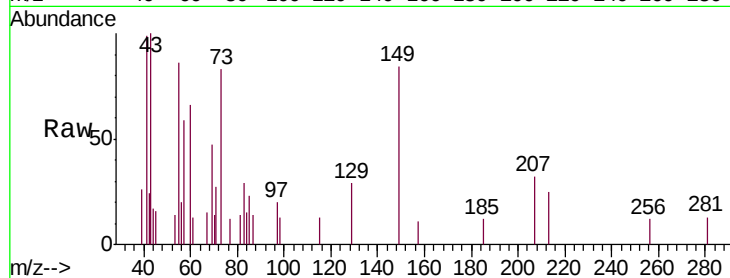
Tgt Ion:149 Resp: 3195

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

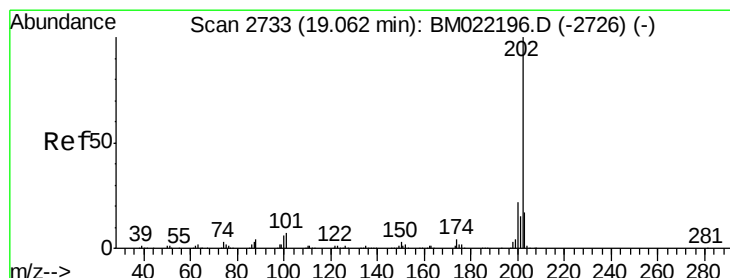
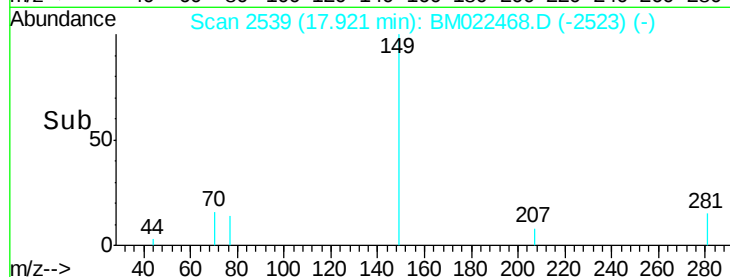
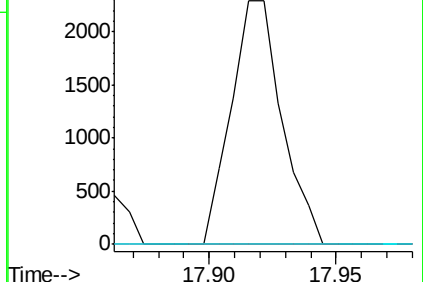
104 0.0 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 5.866 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

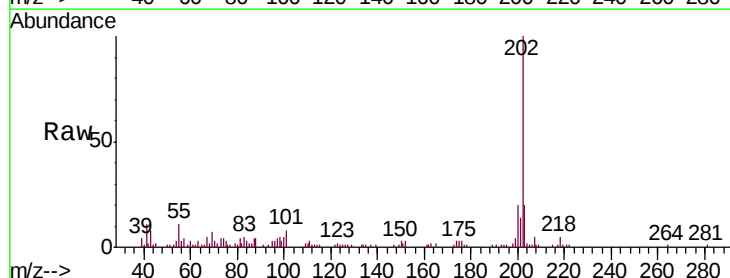
Tgt Ion:202 Resp: 60625

Ion Ratio Lower Upper

202 100

101 7.6 0.0 25.1

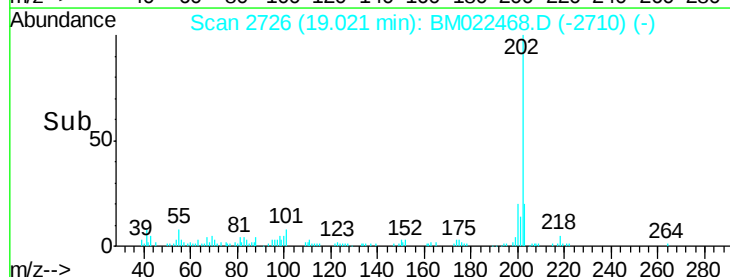
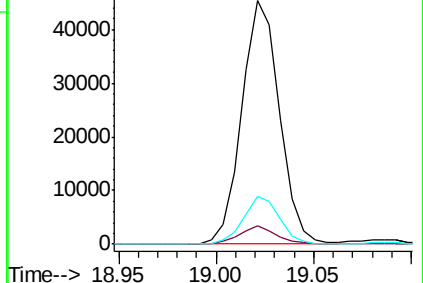
203 19.8 0.0 37.1

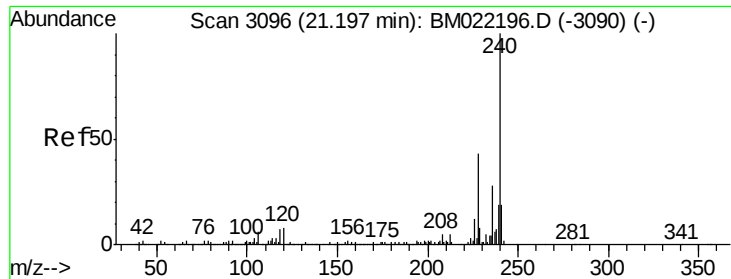


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

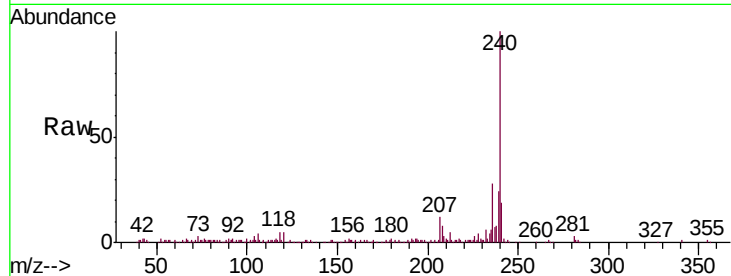
Tgt Ion:240 Resp: 174579

Ion Ratio Lower Upper

240 100

120 4.7 3.9 5.9

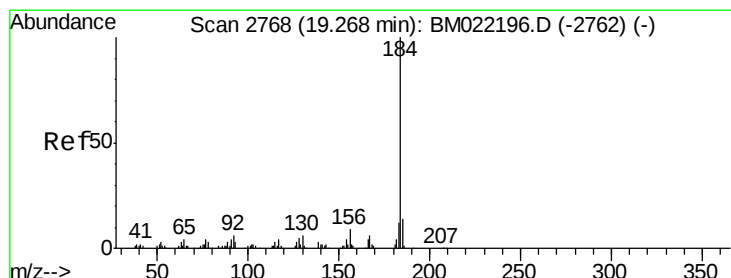
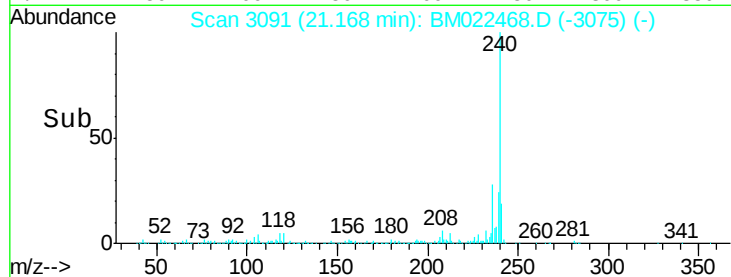
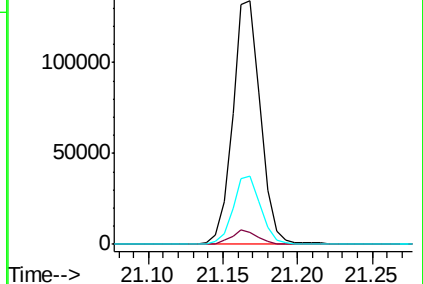
236 28.2 21.4 32.2



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



#77

Benzidine

Concen: 0.100 ng

RT: 19.16 min Scan# 2749

Delta R.T. -0.09 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

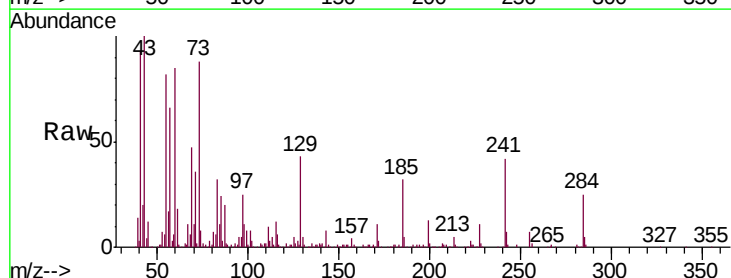
Tgt Ion:184 Resp: 293

Ion Ratio Lower Upper

184 100

185 12901.0 11.8 17.6#

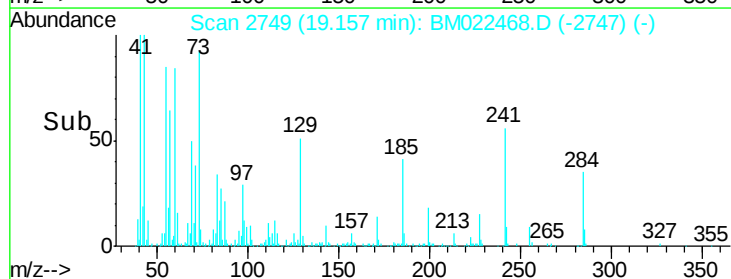
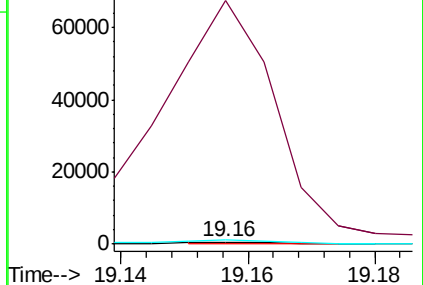
183 244.4 9.4 14.2#

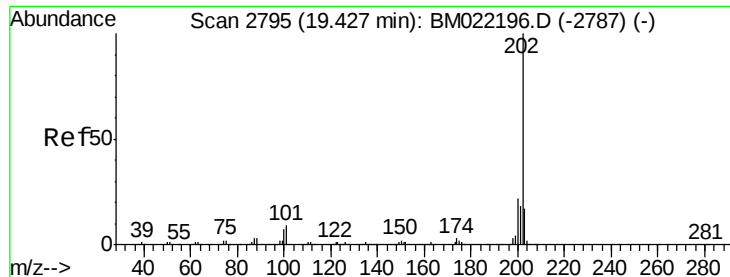


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 5.240 ng

RT: 19.39 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

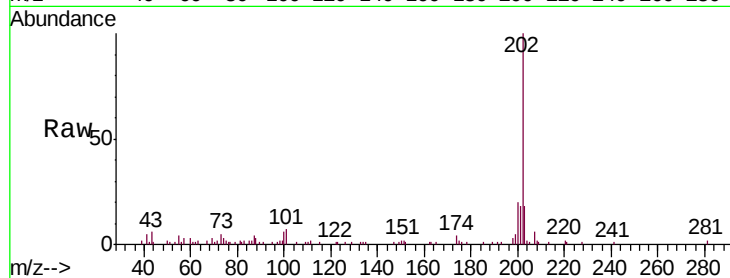
Tgt Ion:202 Resp: 62344

Ion Ratio Lower Upper

202 100

200 20.0 17.7 26.5

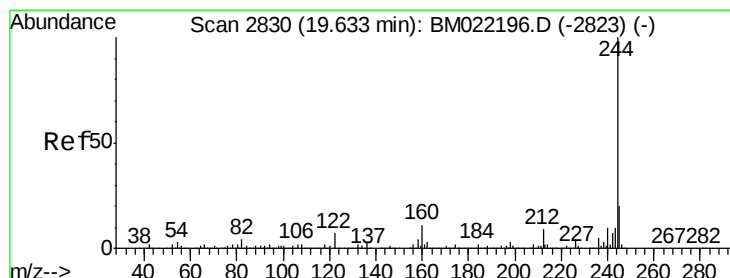
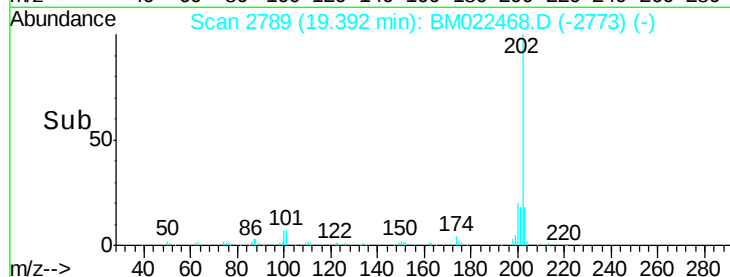
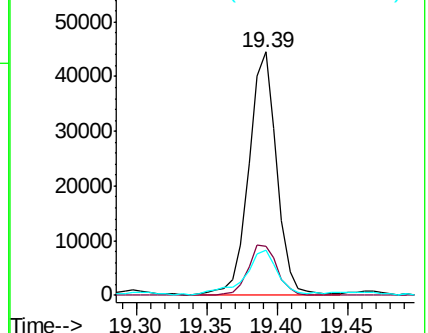
203 18.4 13.8 20.8



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: 81.915 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

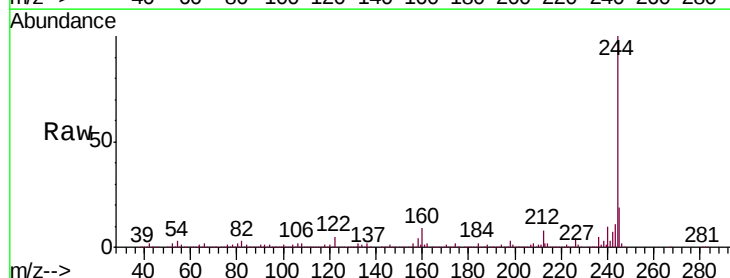
Tgt Ion:244 Resp: 1083591

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

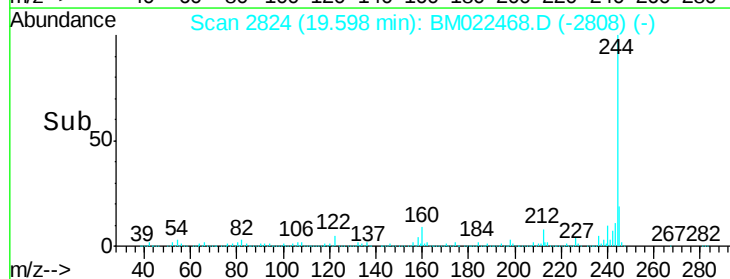
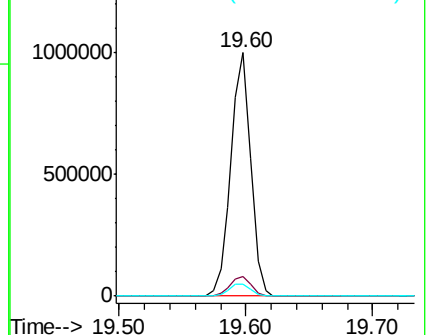
122 4.8 3.9 5.9

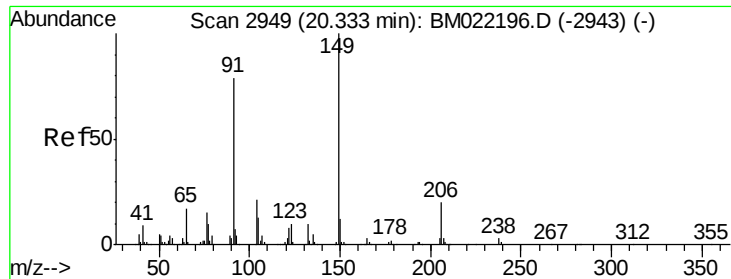


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

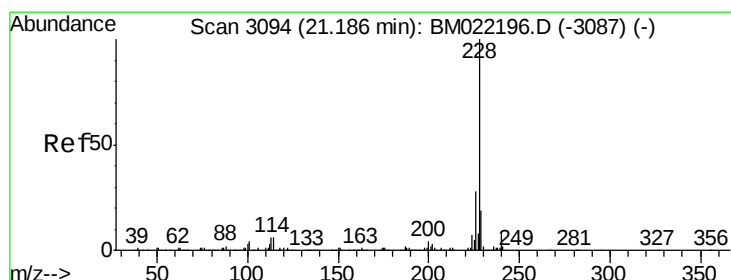
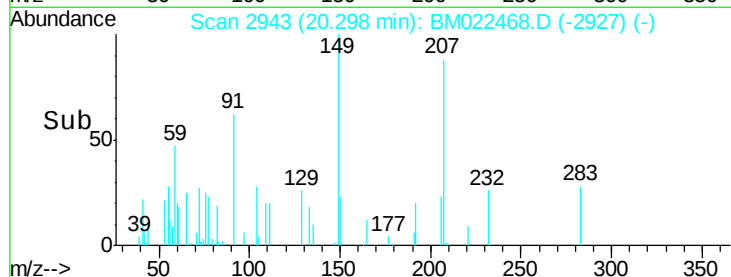
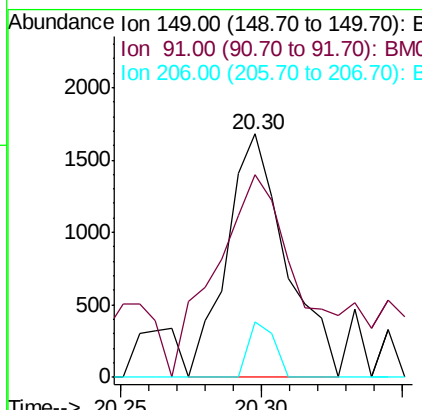
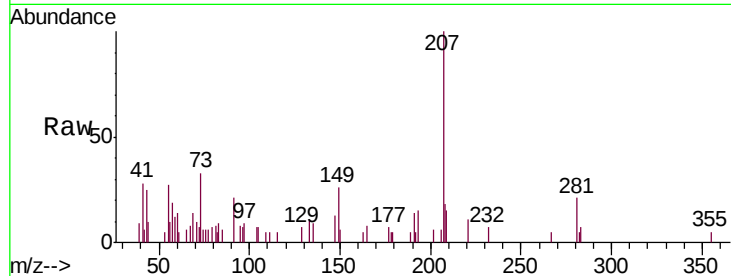




#80
Butylbenzylphthalate
Concen: 0.588 ng
RT: 20.30 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BM022468.D
Acq: 31 Aug 2019 12:34

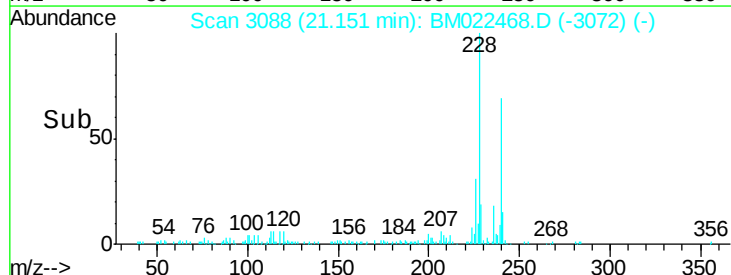
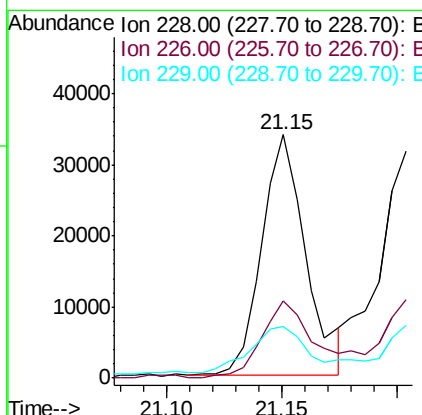
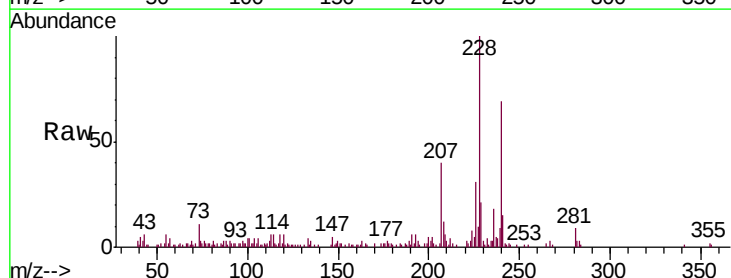
Instrument :
BNA_M
ClientSampleId :
SB-18-COMP

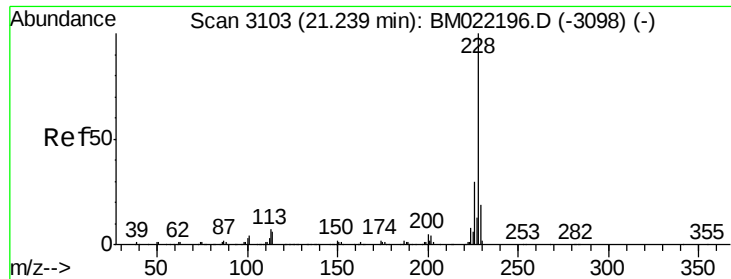
Tgt Ion:149 Resp: 2443
Ion Ratio Lower Upper
149 100
91 83.2 64.0 96.0
206 22.7 17.6 26.4



#81
Benzo(a)anthracene
Concen: 3.598 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM022468.D
Acq: 31 Aug 2019 12:34

Tgt Ion:228 Resp: 45088
Ion Ratio Lower Upper
228 100
226 31.5 22.6 34.0
229 21.0 15.9 23.9





#83

Chrysene

Concen: 3.705 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

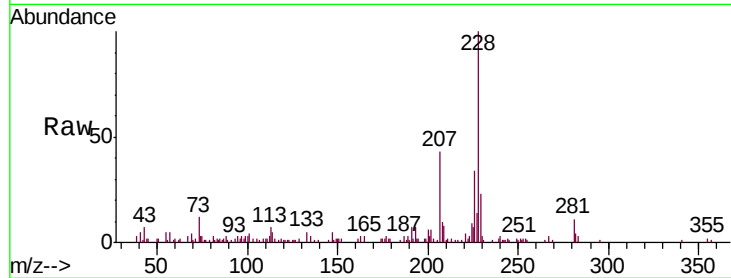
Tgt Ion:228 Resp: 44185

Ion Ratio Lower Upper

228 100

226 34.5 24.5 36.7

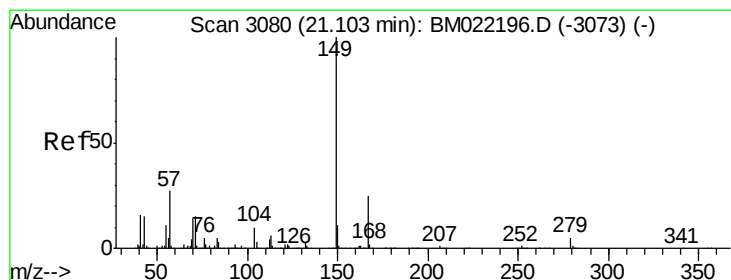
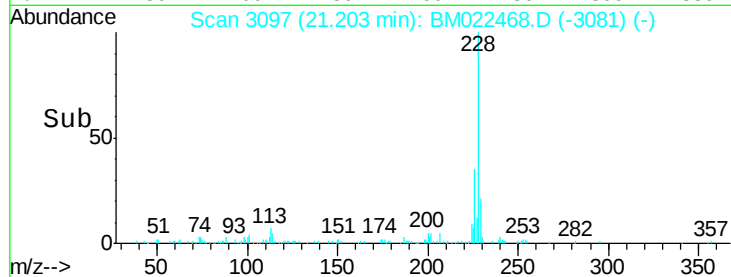
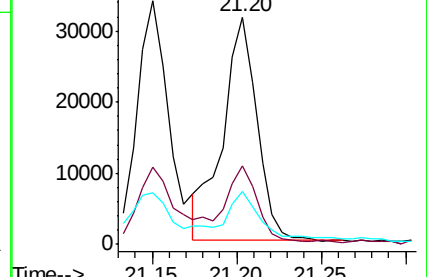
229 23.2 15.7 23.5



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: 0.556 ng

RT: 21.06 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

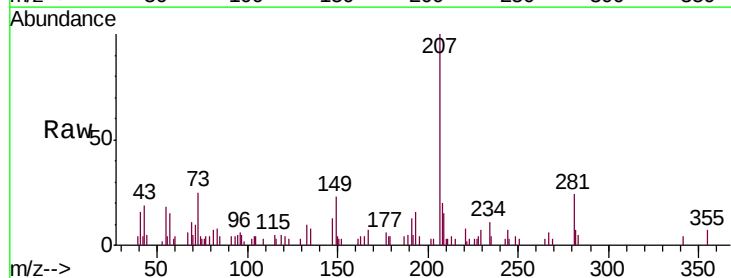
Tgt Ion:149 Resp: 3133

Ion Ratio Lower Upper

149 100

167 32.1 19.6 29.4#

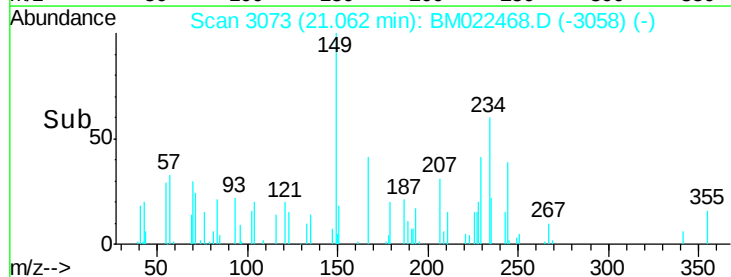
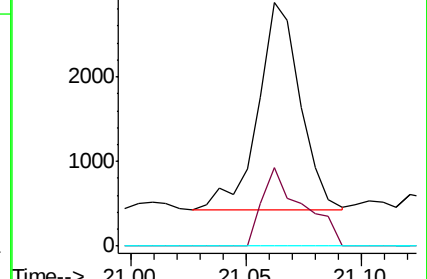
279 0.0 4.4 6.6#

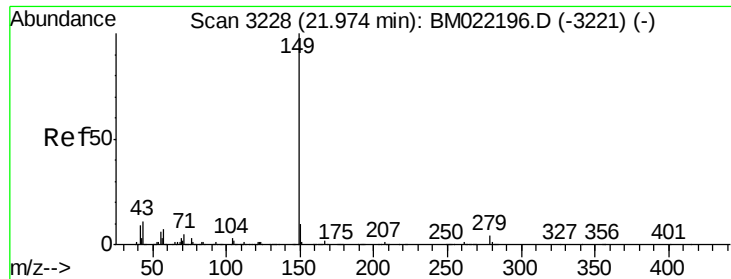


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.217 ng

RT: 21.93 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

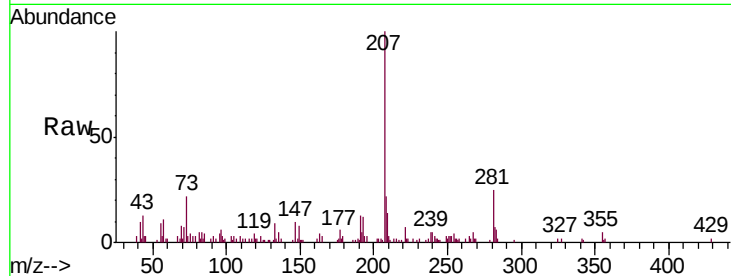
Tgt Ion:149 Resp: 1963

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

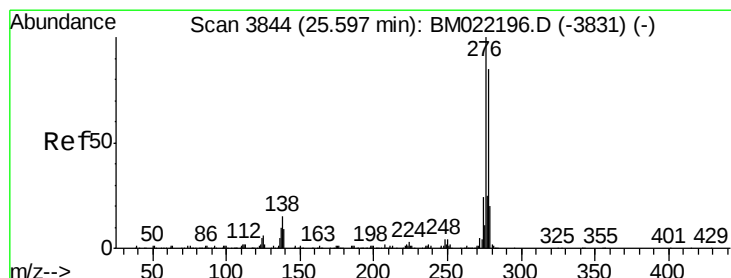
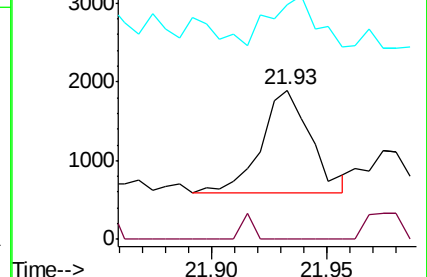
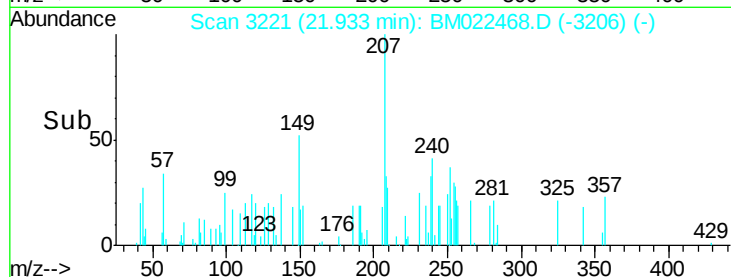
43 43.5 9.0 13.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.613 ng

RT: 25.54 min Scan# 3834

Delta R.T. -0.00 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

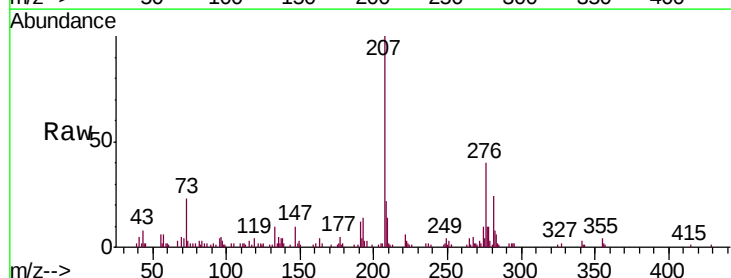
Tgt Ion:276 Resp: 31350

Ion Ratio Lower Upper

276 100

138 12.8 9.1 13.7

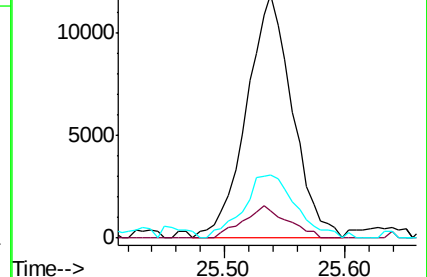
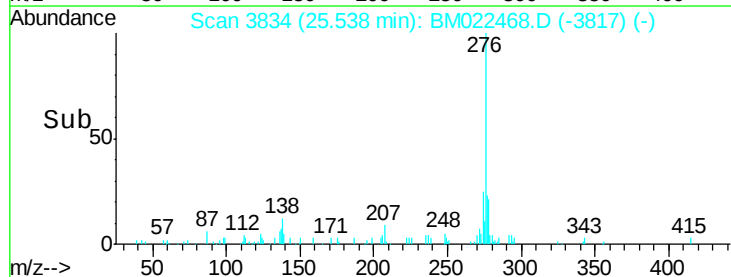
277 29.5 20.0 30.0

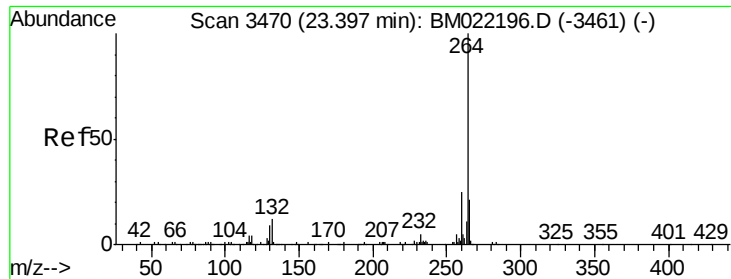


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

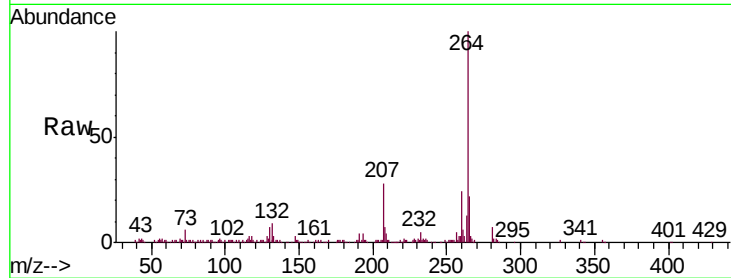
Tgt Ion:264 Resp: 204688

Ion Ratio Lower Upper

264 100

260 24.2 20.2 30.2

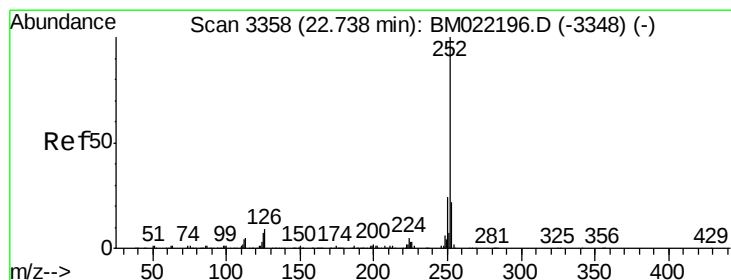
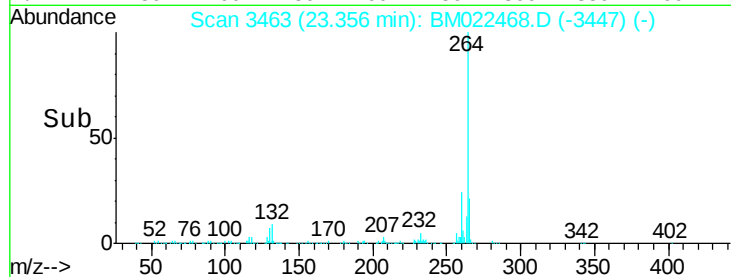
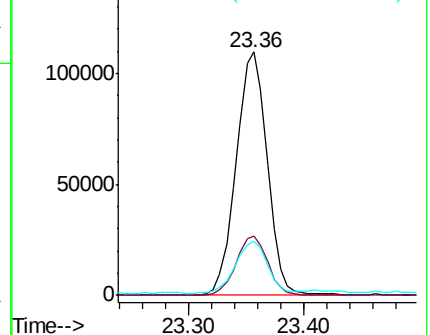
265 22.2 18.2 27.2



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: 4.282 ng

RT: 22.70 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

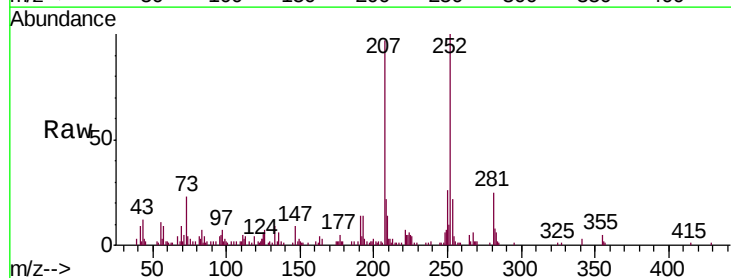
Tgt Ion:252 Resp: 60889

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

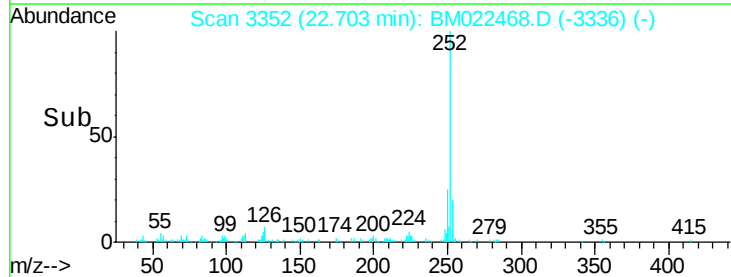
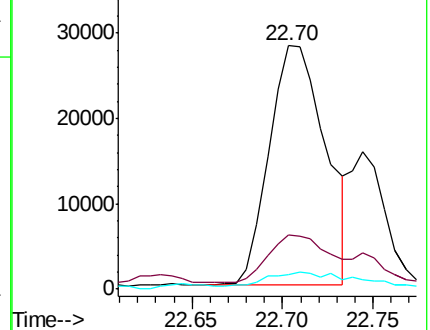
125 6.2 3.5 5.3#

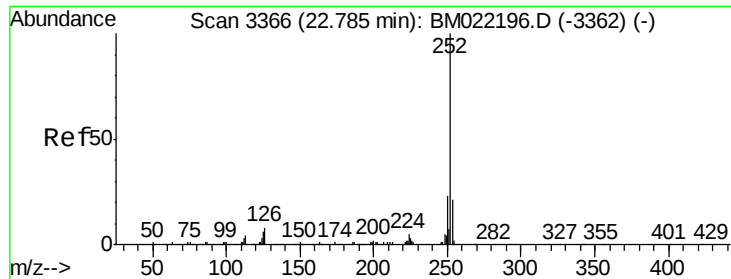


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.326 ng

RT: 22.70 min Scan# 3352

Delta R.T. -0.05 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

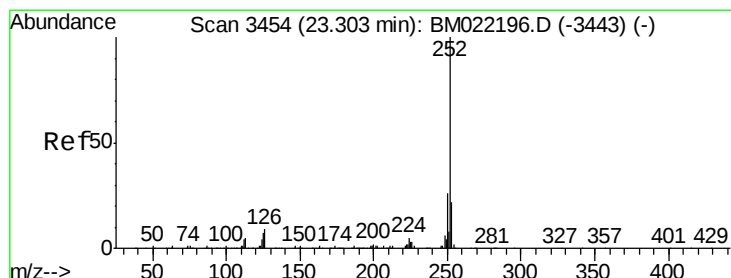
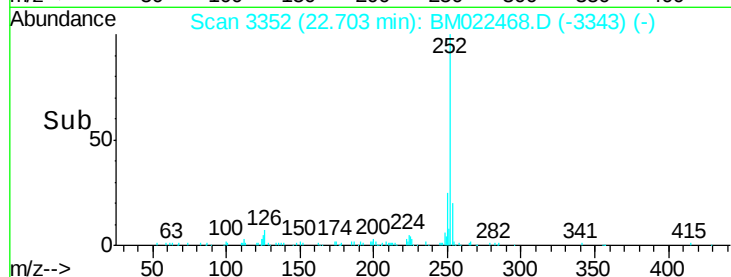
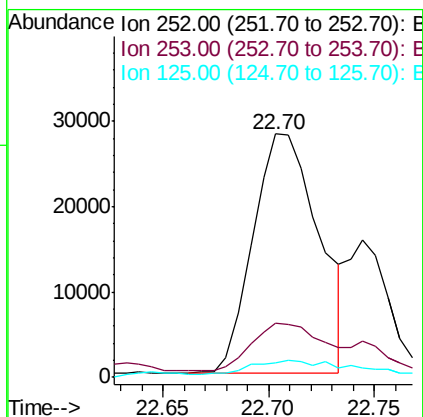
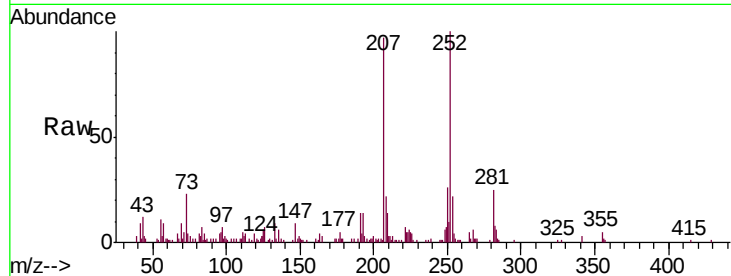
Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

Tgt Ion:	252	Resp:	61023
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.4
125	6.2	3.7	5.5#



#90

Benzo(a)pyrene

Concen: 3.207 ng

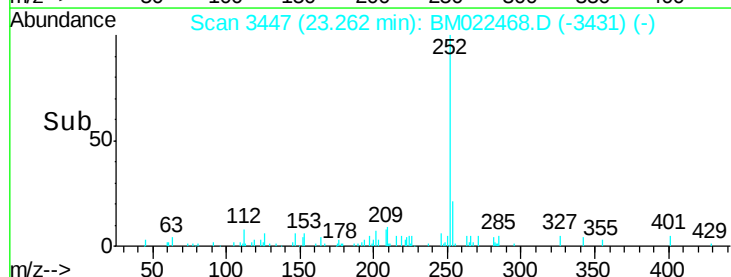
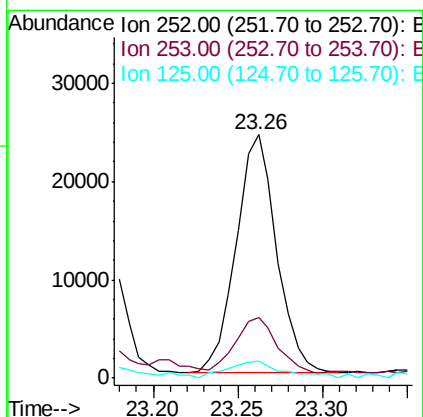
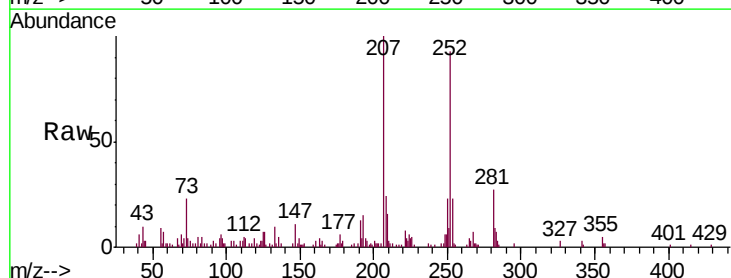
RT: 23.26 min Scan# 3447

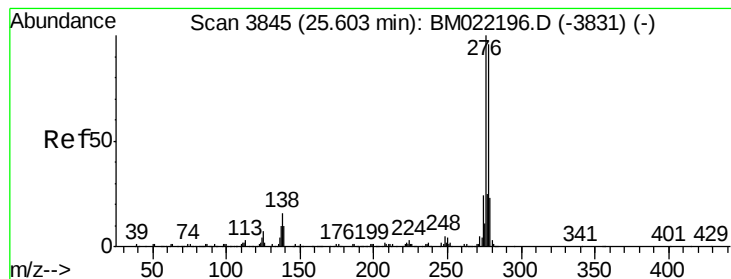
Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Tgt Ion:	252	Resp:	40471
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.2	27.2
125	7.1	3.8	5.8#





#91

Dibenzo(a,h)anthracene

Concen: 0.859 ng

RT: 25.53 min Scan# 3833

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

Instrument :

BNA_M

ClientSampleId :

SB-18-COMP

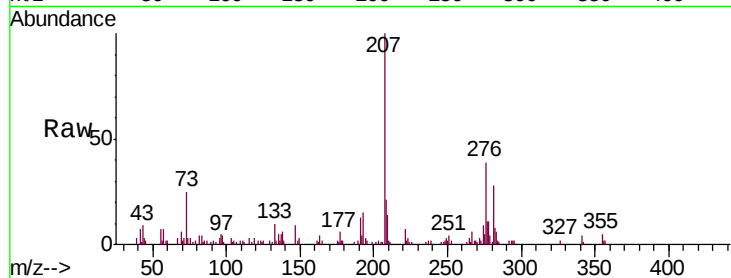
Tgt Ion:278 Resp: 10806

Ion Ratio Lower Upper

278 100

139 19.2 6.6 9.8#

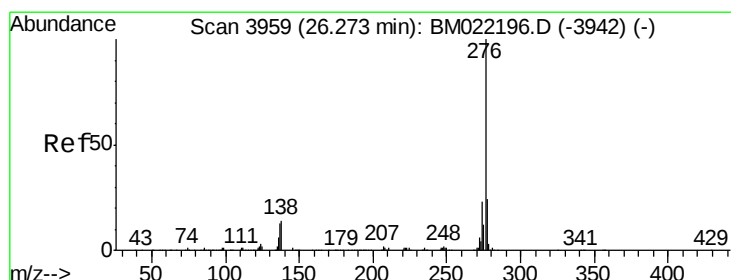
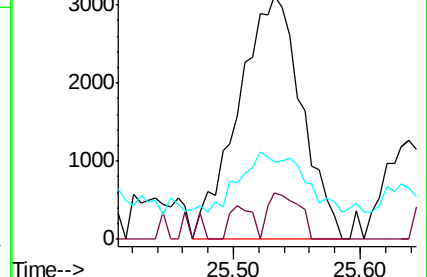
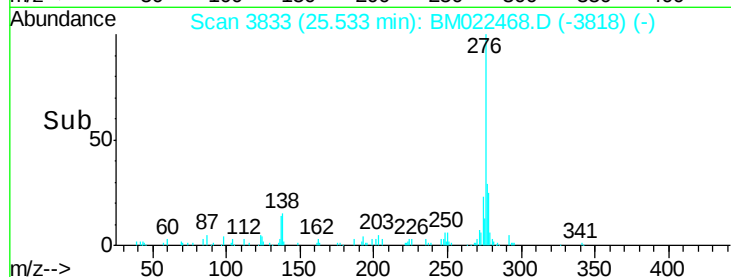
279 31.9 19.3 28.9#



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: 2.948 ng

RT: 26.21 min Scan# 3948

Delta R.T. -0.01 min

Lab File: BM022468.D

Acq: 31 Aug 2019 12:34

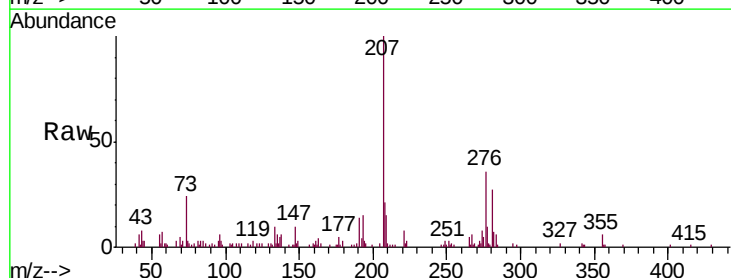
Tgt Ion:276 Resp: 32341

Ion Ratio Lower Upper

276 100

277 27.4 19.4 29.0

138 15.5 8.8 13.2#



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

