

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024668.D
 Acq On : 30 Jan 2020 20:56
 Operator : CG/JU
 Sample : L1318-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 23:24:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	168005	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	605679	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	398523	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	914046	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1095495	20.00	ng	-0.02
87) Perylene-d12	23.15	264	1308557	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1014256	114.81	ng	-0.01
7) Phenol-d6	6.63	99	1271573	104.49	ng	-0.02
23) Nitrobenzene-d5	8.57	82	820883	66.47	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	785043	121.10	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	2295299	78.30	ng	-0.02
79) Terphenyl-d14	19.49	244	4591936	78.25	ng	-0.01

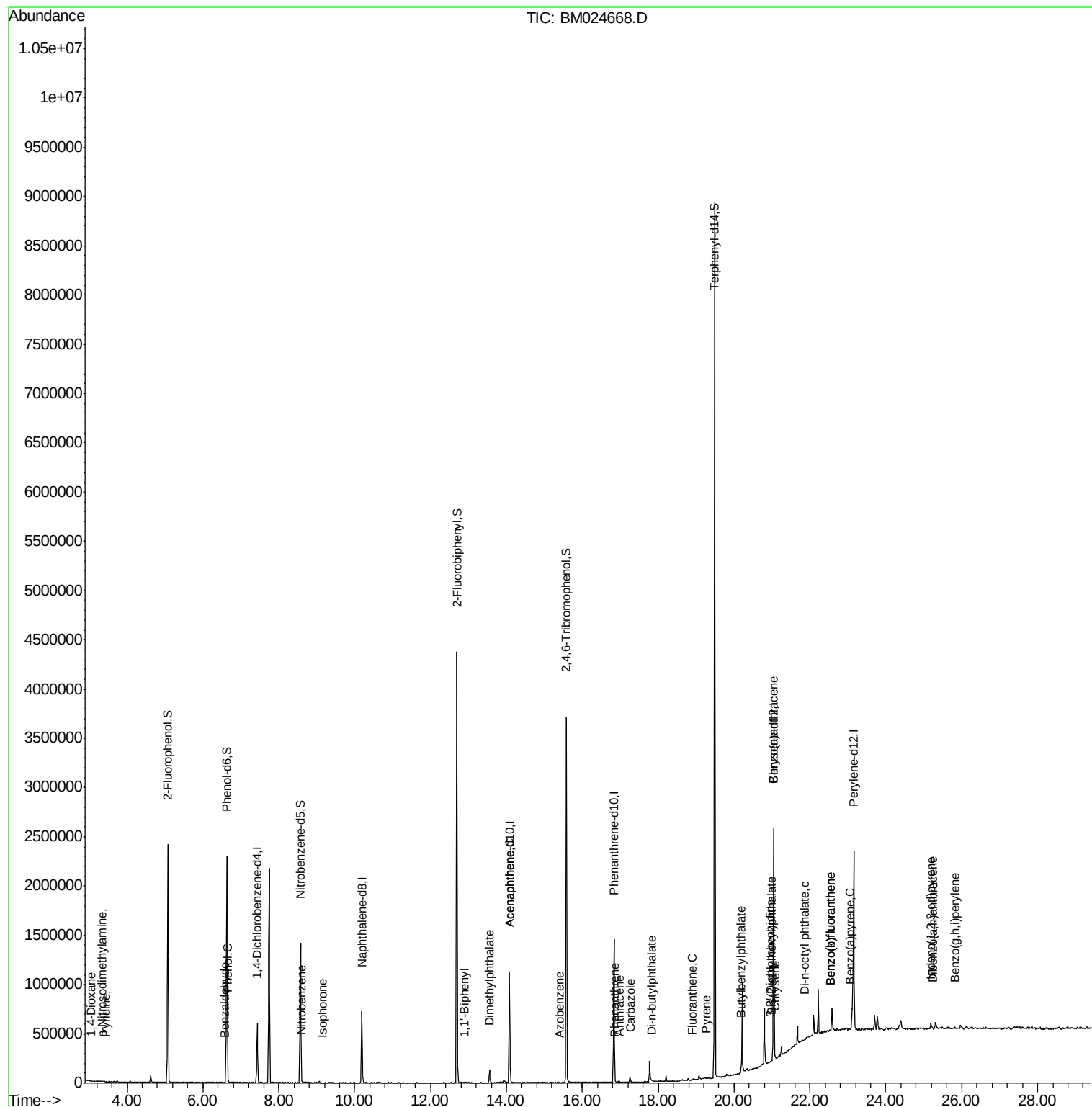
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.04	88	1574	0.450	ng	# 67
3) Pyridine	3.43	79	343	0.034	ng	# 1
4) n-Nitrosodimethylamine	3.35	42	377	0.084	ng	# 1
9) Benzaldehyde	6.57	77	135	0.019	ng	# 4
10) Phenol	6.65	94	9022	0.744	ng	# 56
24) Nitrobenzene	8.60	77	110	0.009	ng	# 41
25) Isophorone	9.16	82	127	0.006	ng	# 64
46) 1,1'-Biphenyl	12.90	154	4721	0.157	ng	93
50) Dimethylphthalate	13.55	163	85796	2.662	ng	98
52) Acenaphthene	14.07	154	1119	0.049	ng	# 5
63) Azobenzene	15.41	77	217	0.008	ng	# 49
71) Phenanthrene	16.87	178	1762	0.036	ng	# 72
72) Anthracene	16.97	178	488	0.010	ng	# 61
73) Carbazole	17.26	167	597	0.014	ng	# 27
74) Di-n-butylphthalate	17.83	149	1219	0.022	ng	# 78
75) Fluoranthene	18.90	202	5933	0.096	ng	97
78) Pyrene	19.26	202	5897	0.082	ng	94
80) Butylbenzylphthalate	20.19	149	1425	0.047	ng	94
81) Benzo(a)anthracene	21.03	228	8930	0.117	ng	# 74
82) 3,3'-Dichlorobenzidine	20.96	252	585	0.021	ng	# 5
83) Chrysene	21.08	228	4629	0.064	ng	# 80
84) Bis(2-ethylhexyl)phthalate	21.00	149	5201	0.116	ng	# 90
85) Di-n-octyl phthalate	21.85	149	628	0.009	ng	# 82
86) Indeno(1,2,3-cd)pyrene	25.21	276	2677	0.034	ng	# 81
88) Benzo(b)fluoranthene	22.53	252	4120	0.049	ng	# 26
89) Benzo(k)fluoranthene	22.53	252	4120	0.050	ng	# 25
90) Benzo(a)pyrene	23.05	252	3339	0.043	ng	# 16
91) Dibenzo(a,h)anthracene	25.23	278	1228	0.017	ng	# 1
92) Benzo(g,h,i)perylene	25.83	276	3414	0.051	ng	# 60

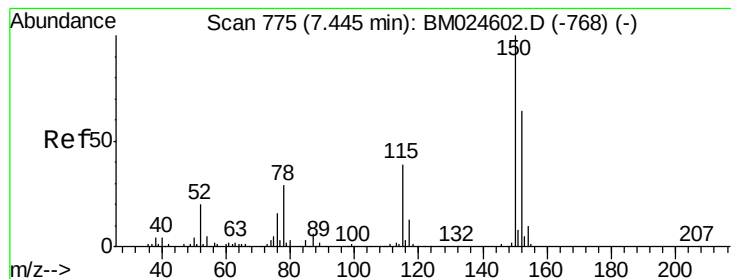
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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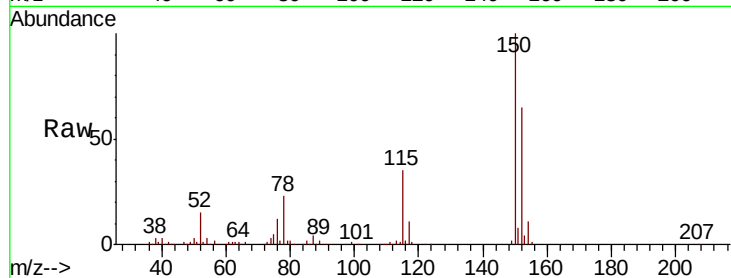


#1

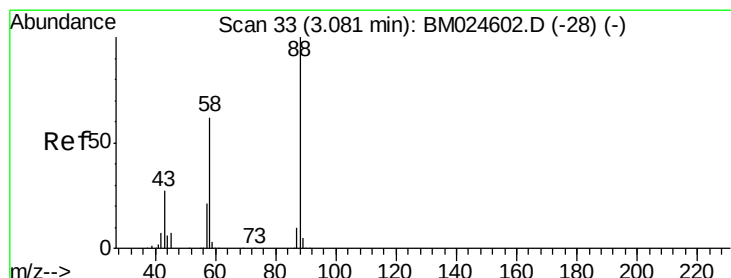
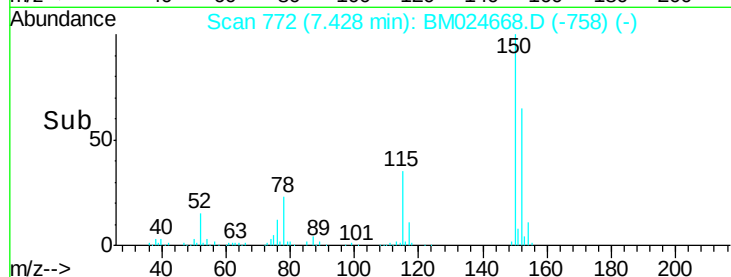
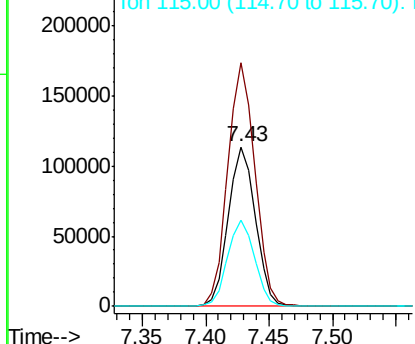
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 168005
Ion Ratio Lower Upper
152 100
150 153.0 124.2 186.4
115 53.9 48.6 72.8



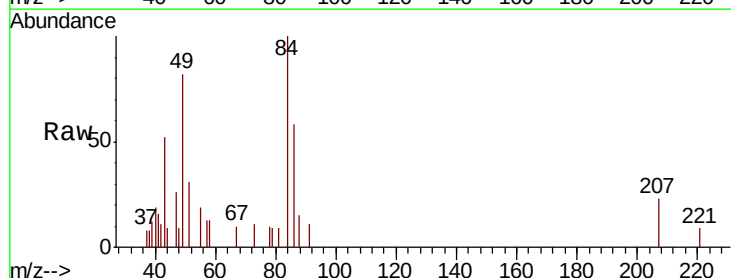
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



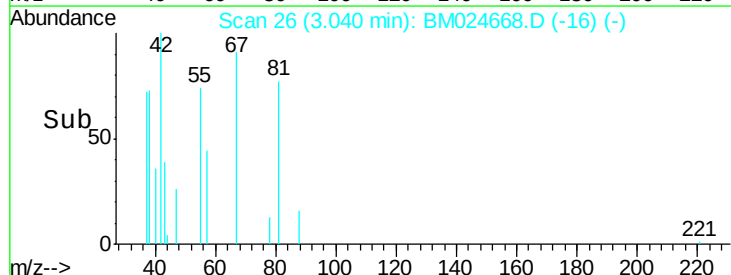
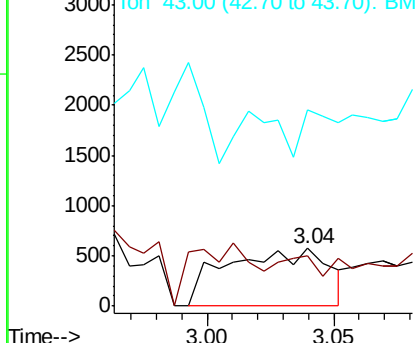
#2

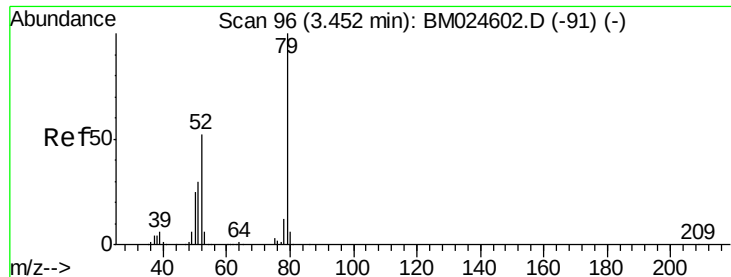
1,4-Dioxane
Concen: 0.450 ng
RT: 3.04 min Scan# 26
Delta R.T. -0.04 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion: 88 Resp: 1574
Ion Ratio Lower Upper
88 100
58 27.7 50.0 75.0#
43 29.8 21.6 32.4



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.034 ng

RT: 3.43 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampleId :

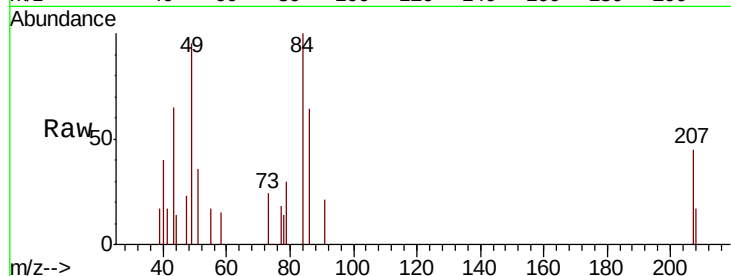
Tot Ion: 79 Resp: 343

Ion Ratio Lower Upper

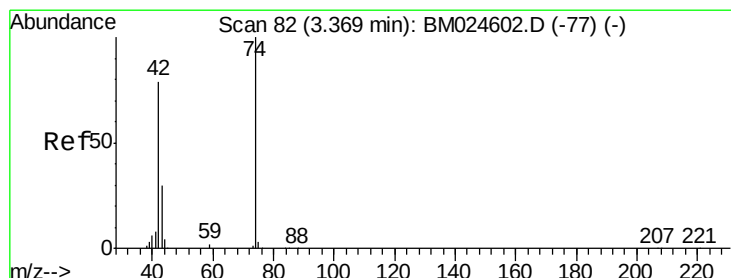
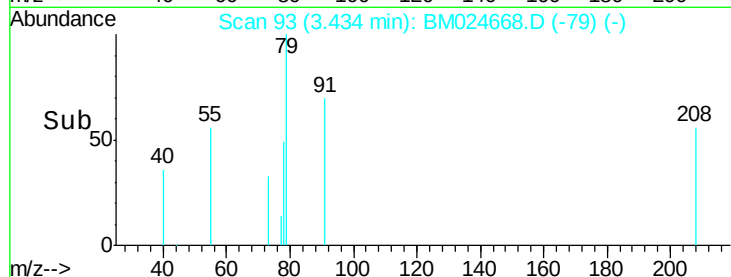
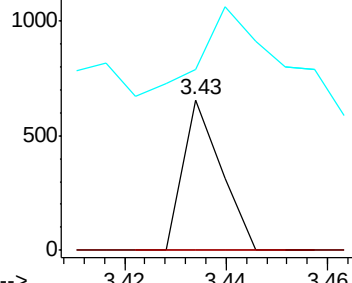
79 100

52 0.0 41.4 62.2#

51 120.3 23.8 35.8#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 0.084 ng

RT: 3.35 min Scan# 78

Delta R.T. -0.02 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

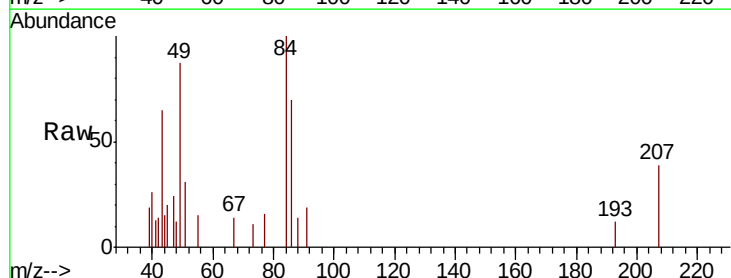
Tgt Ion: 42 Resp: 377

Ion Ratio Lower Upper

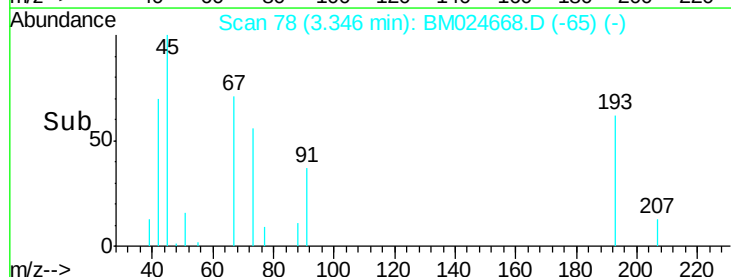
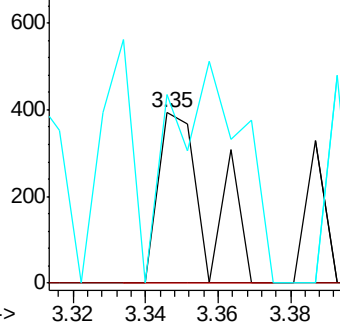
42 100

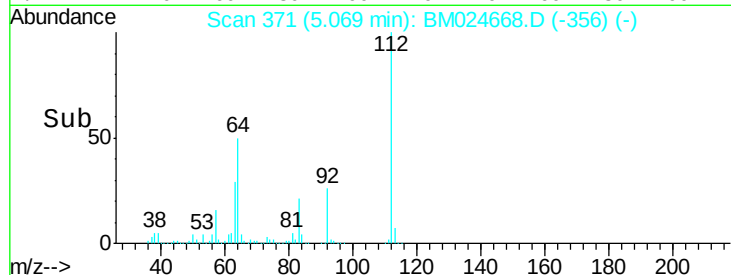
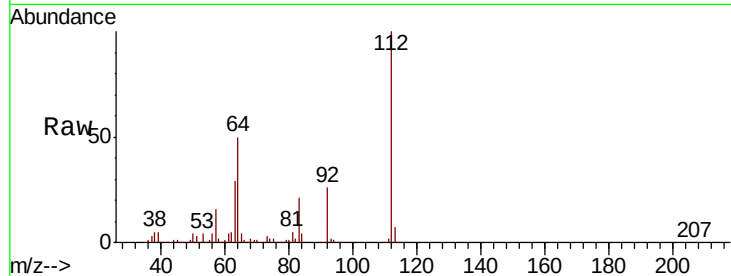
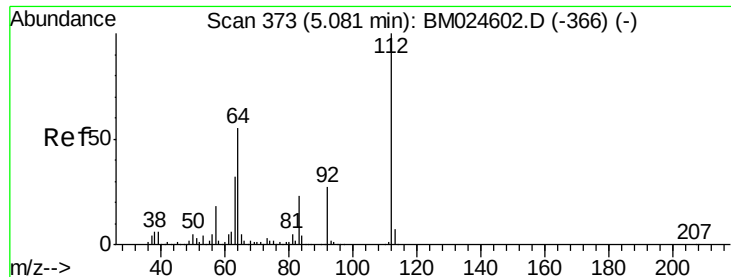
74 0.0 101.4 152.2#

44 110.4 4.6 6.8#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 114.810 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampleId :

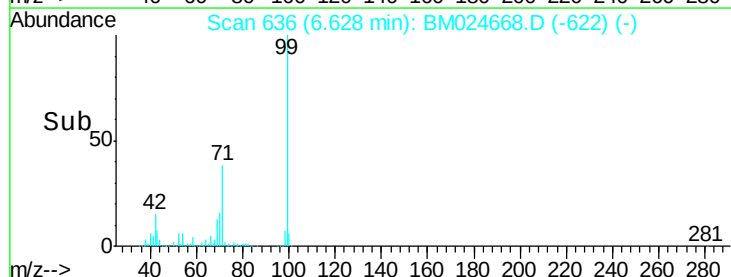
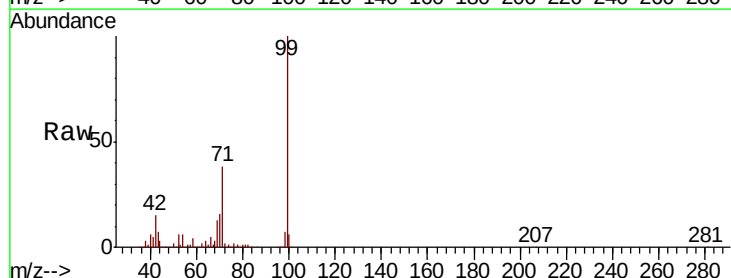
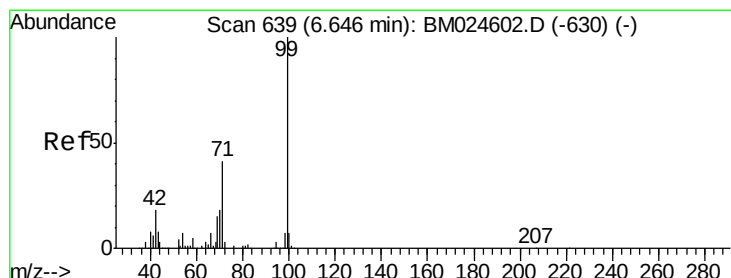
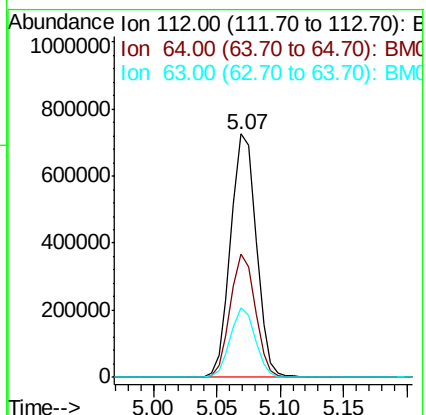
Tot Ion:112 Resp: 1014256

Ion Ratio Lower Upper

112 100

64 50.5 44.2 66.4

63 28.6 25.9 38.9



#7

Phenol-d6

Concen: 104.487 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

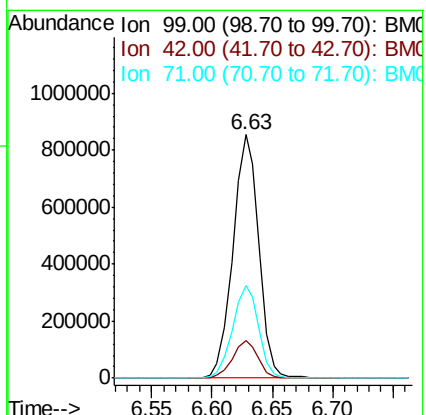
Tgt Ion: 99 Resp: 1271573

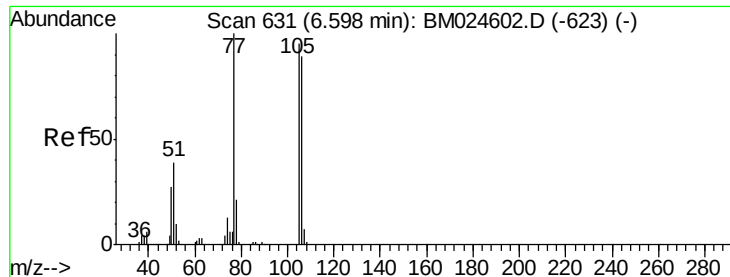
Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 38.1 33.0 49.6





#9

Benzaldehyde

Concen: 0.019 ng

RT: 6.57 min Scan# 627

Delta R.T. -0.02 min

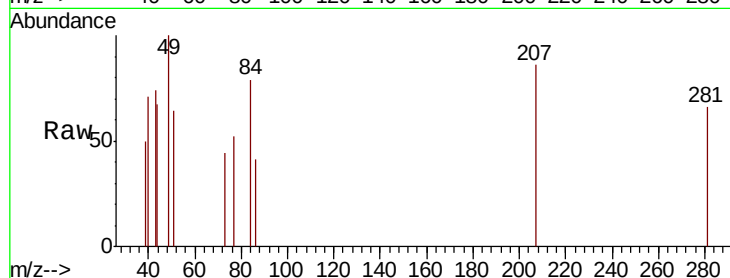
Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampleId :



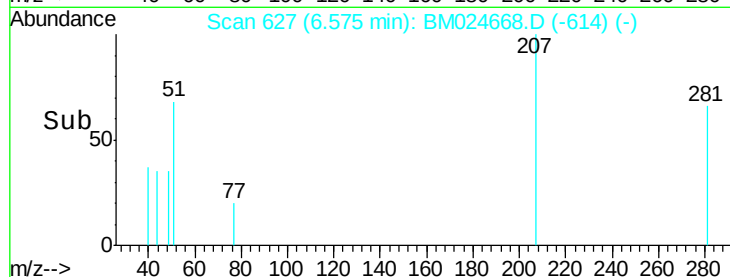
Tot Ion: 77 Resp: 135

Ion Ratio Lower Upper

77 100

105 0.0 75.2 115.2#

106 0.0 68.6 108.6#



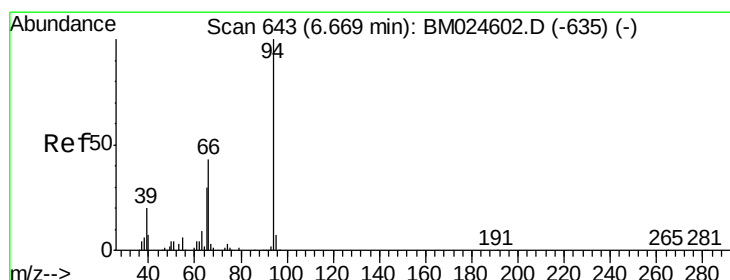
Abundance Ion 77.00 (76.70 to 77.70): BM024668.D (-614) (-)

Ion 105.00 (104.70 to 105.70): BM024668.D (-614) (-)

Ion 106.00 (105.70 to 106.70): BM024668.D (-614) (-)

6.57

Time-->



#10

Phenol

Concen: 0.744 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

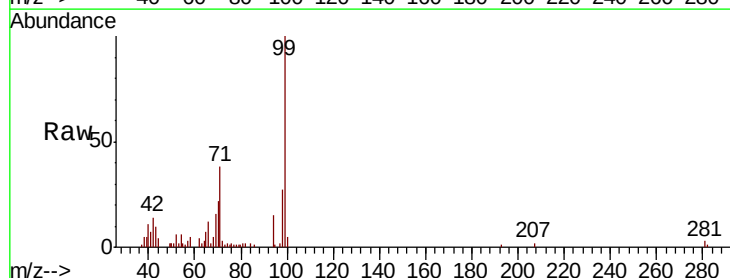
Tgt Ion: 94 Resp: 9022

Ion Ratio Lower Upper

94 100

65 46.3 10.3 50.3

66 80.2 24.8 64.8#



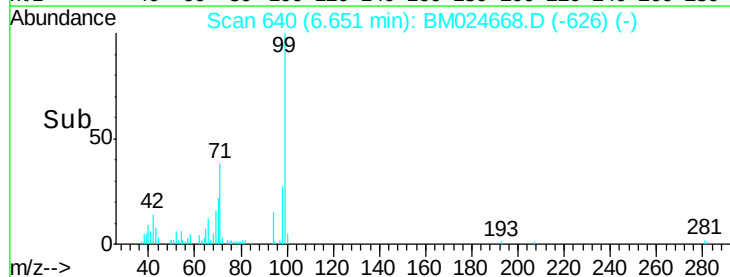
Abundance Ion 94.00 (93.70 to 94.70): BM024668.D (-626) (-)

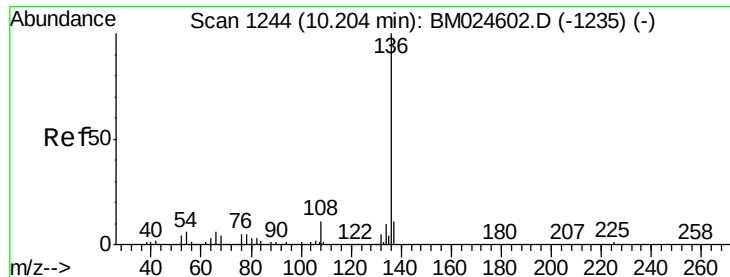
Ion 65.00 (64.70 to 65.70): BM024668.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024668.D (-626) (-)

6.65

Time-->

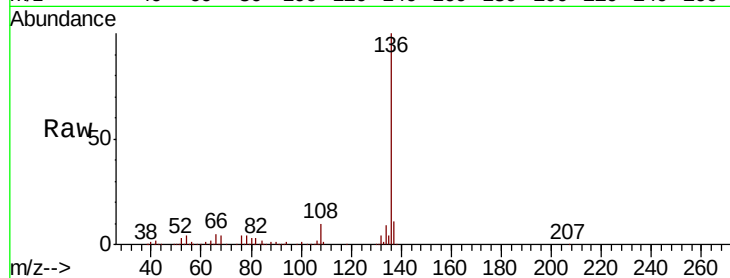




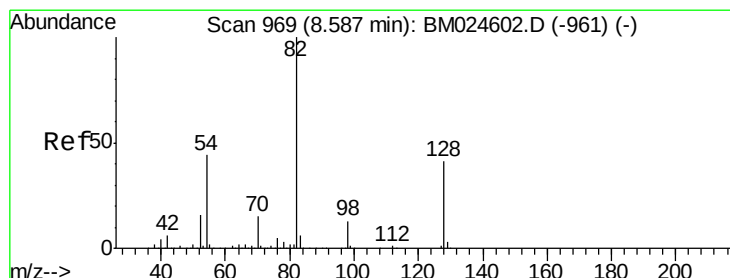
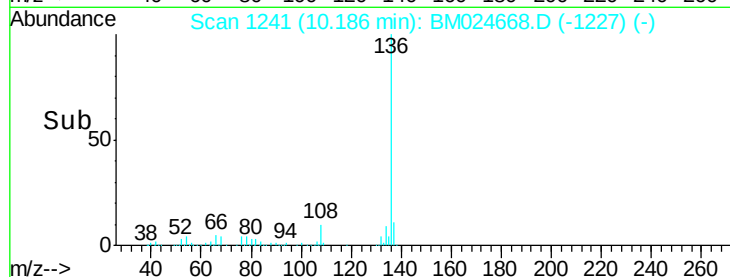
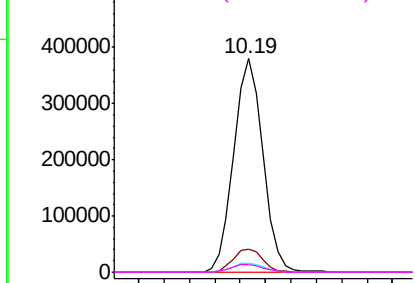
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleID :

Tot Ion:136	Resp: 605679
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 4.5	4.5 6.7
68 3.8	3.4 5.0

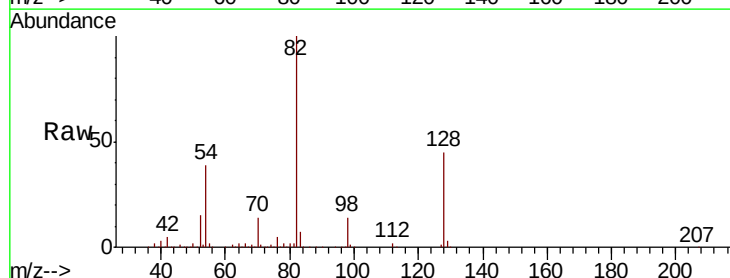


Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

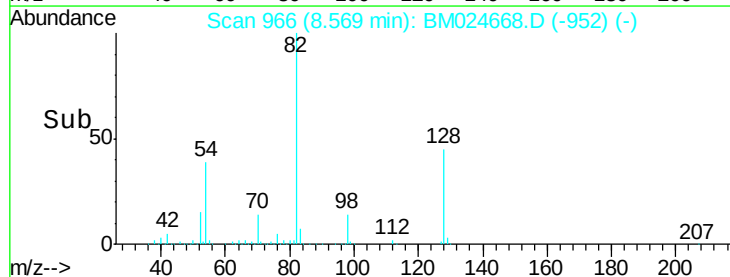
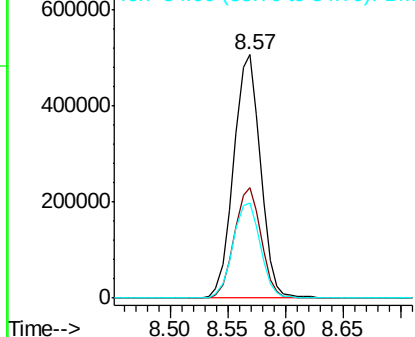


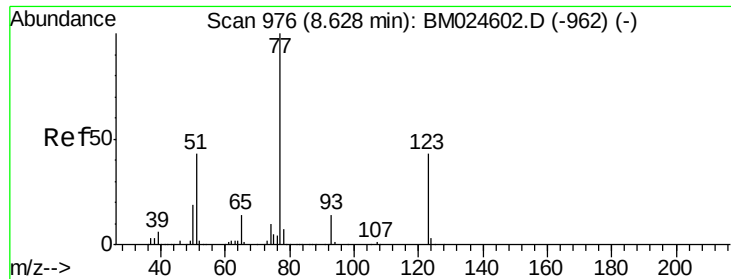
#23
Nitrobenzene-d5
Concen: 66.466 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion: 82	Resp: 820883
Ion Ratio	Lower Upper
82 100	
128 45.2	32.6 48.8
54 38.9	34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM
600000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

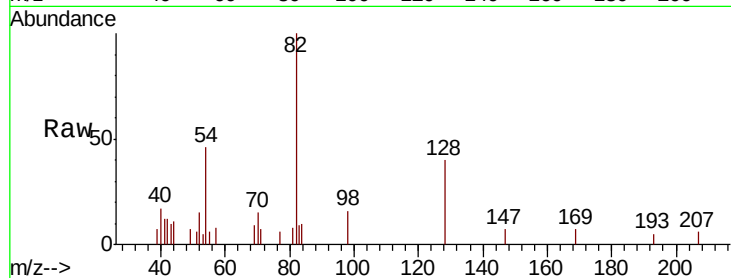




#24
Nitrobenzene
Concen: 0.009 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

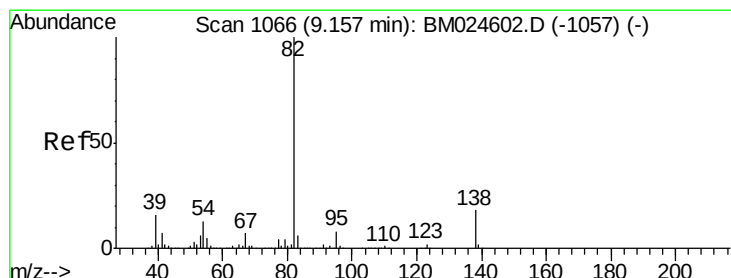
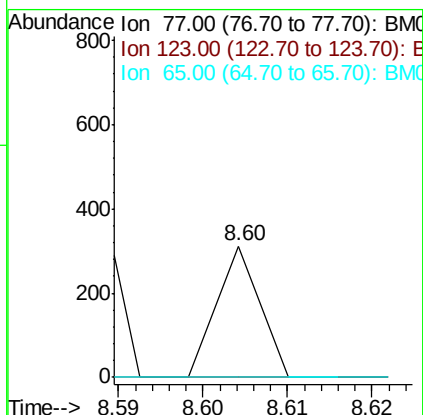
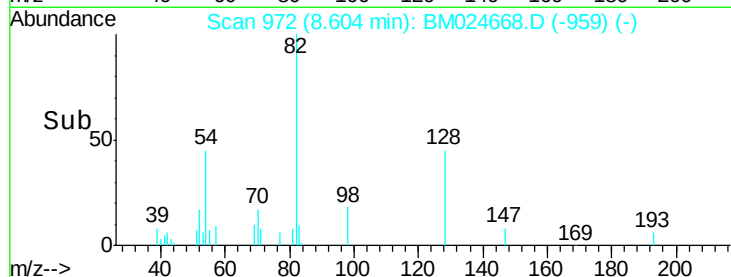
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.6	52.0#
65	0.0	11.0	16.4#



Abundance Ion 77.00 (76.70 to 77.70): BM024668.D (-959) (-)

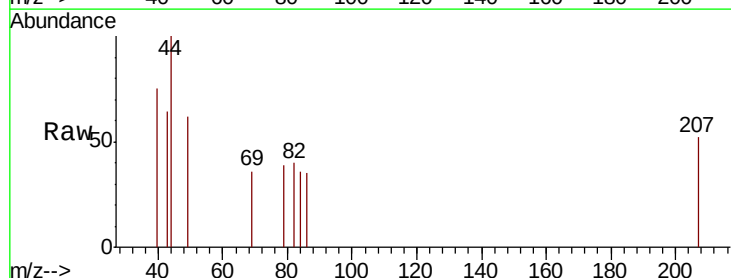
Ion 123.00 (122.70 to 123.70): BM024668.D (-959) (-)

Ion 65.00 (64.70 to 65.70): BM024668.D (-959) (-)



#25
Isophorone
Concen: 0.006 ng
RT: 9.16 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

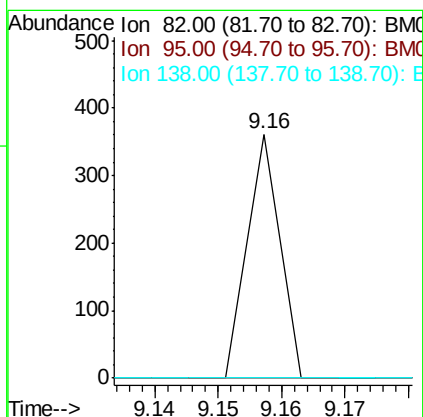
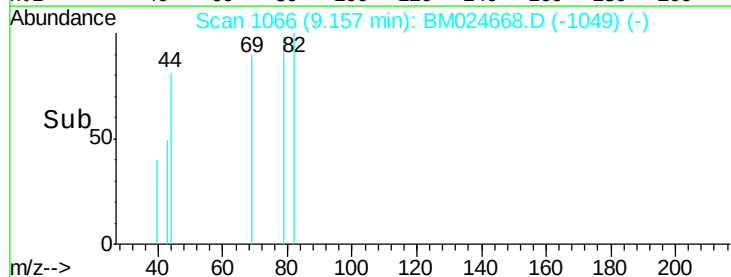
Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.7	10.1#
138	0.0	14.7	22.1#

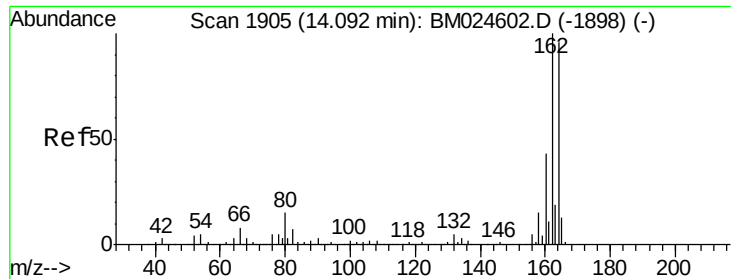


Abundance Ion 82.00 (81.70 to 82.70): BM024668.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM024668.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM024668.D (-1049) (-)





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampleId :

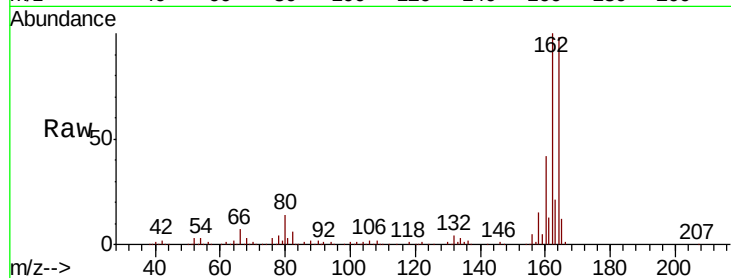
Tot Ion:164 Resp: 398523

Ion Ratio Lower Upper

164 100

162 101.9 82.9 124.3

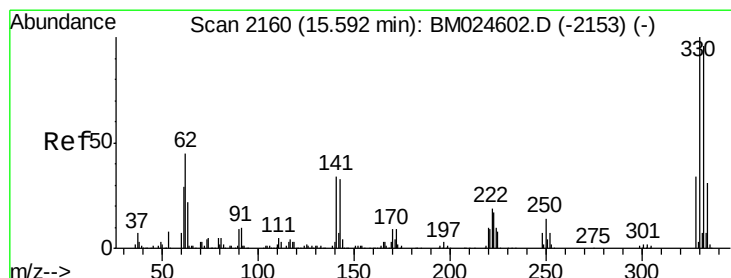
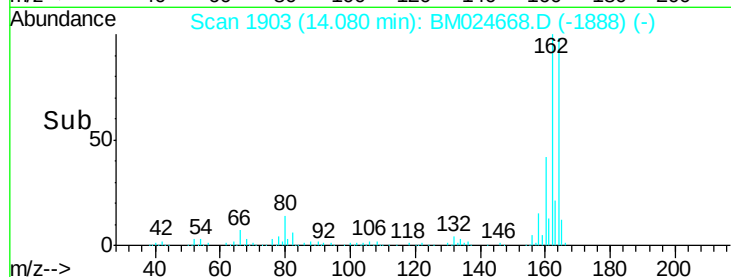
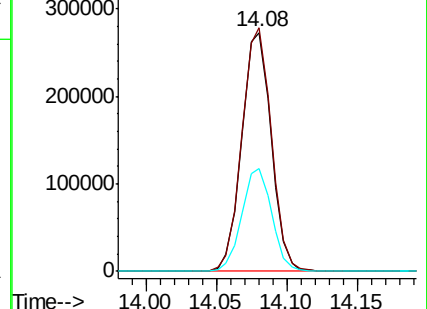
160 43.2 35.5 53.3



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: 121.101 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

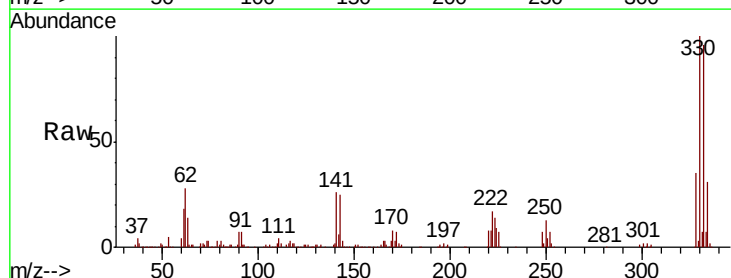
Tgt Ion:330 Resp: 785043

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

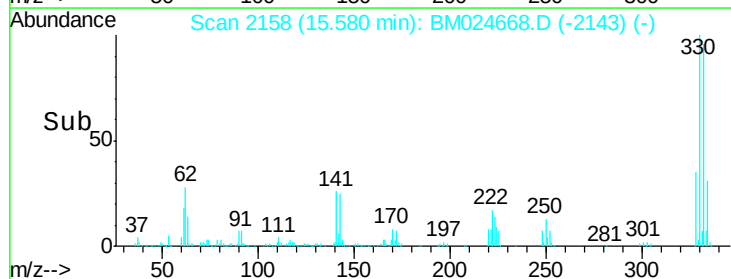
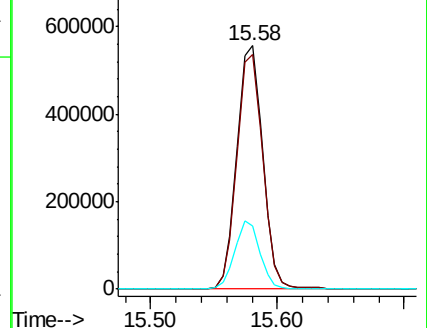
141 27.4 26.9 40.3

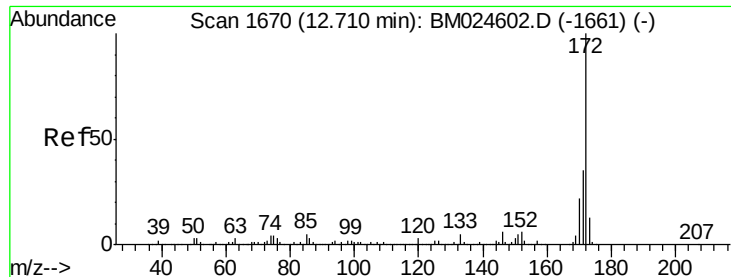


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

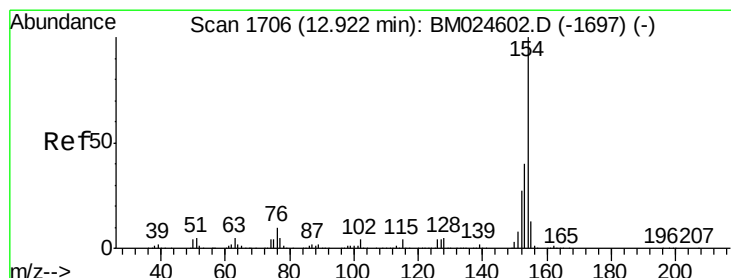
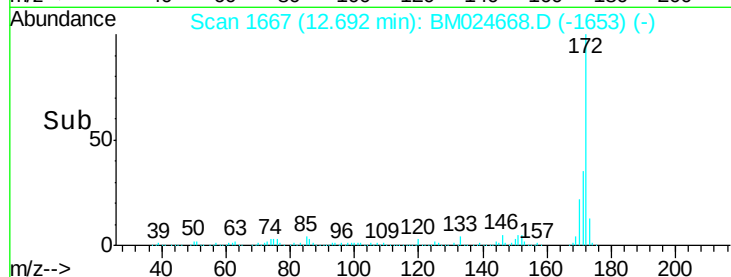
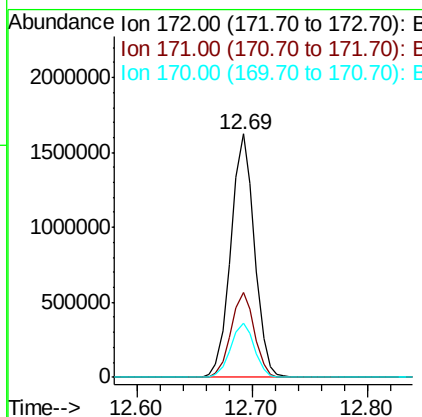
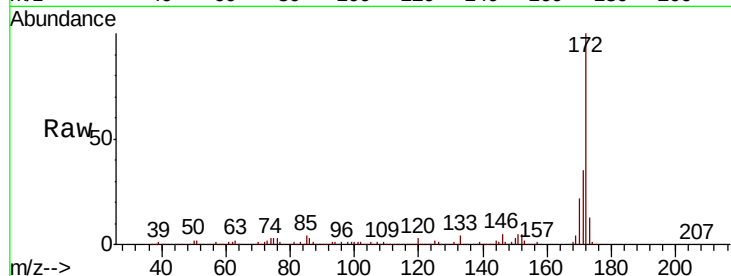




#45
2-Fluorobiphenyl
Concen: 78.301 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

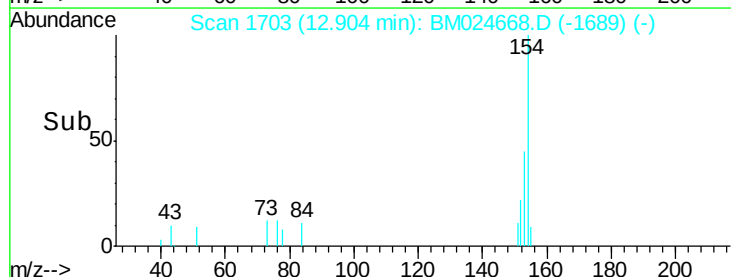
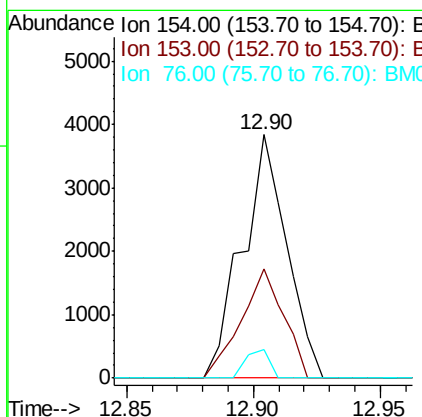
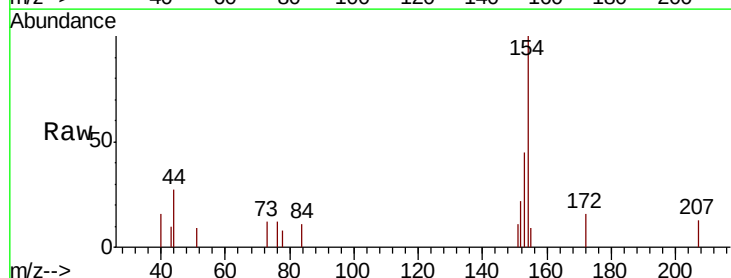
Instrument :
BNA_M
ClientSampleId :

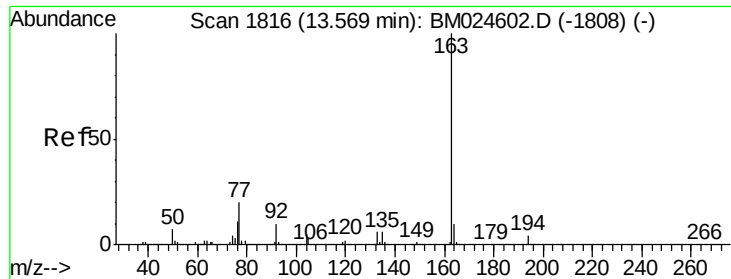
Tot Ion:172 Resp: 2295299
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.3 17.9 26.9



#46
1,1'-Biphenyl
Concen: 0.157 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:154 Resp: 4721
Ion Ratio Lower Upper
154 100
153 44.9 20.3 60.3
76 11.8 0.0 30.5





#50

Dimethylphthalate

Concen: 2.662 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampleId :

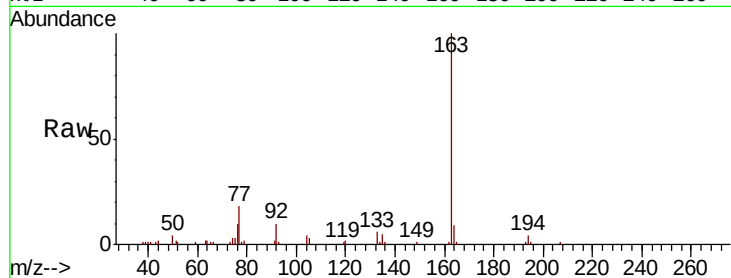
Tot Ion:163 Resp: 85796

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

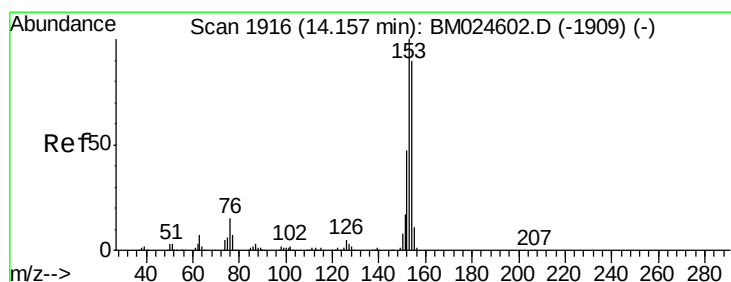
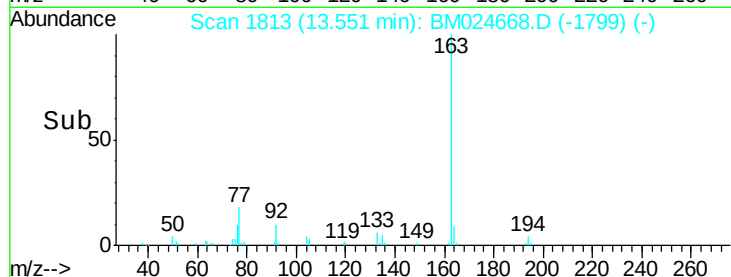
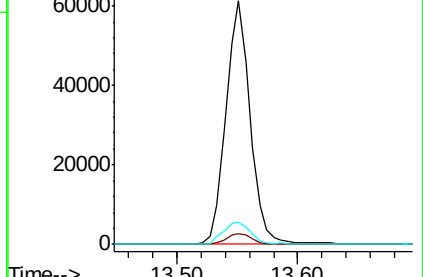
164 9.3 8.0 12.0



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: 0.049 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.08 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

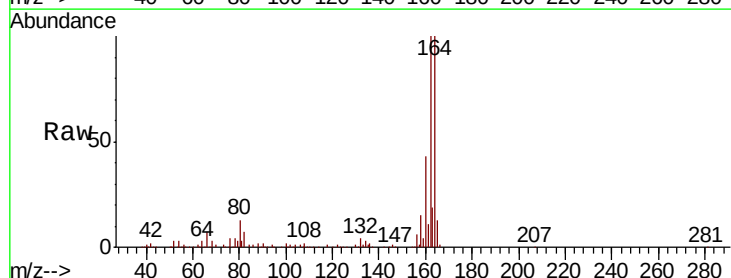
Tgt Ion:154 Resp: 1119

Ion Ratio Lower Upper

154 100

153 0.0 89.1 133.7#

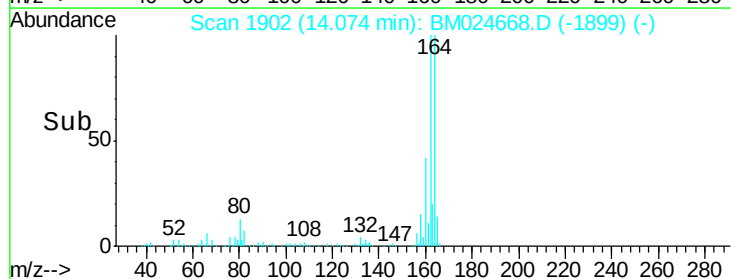
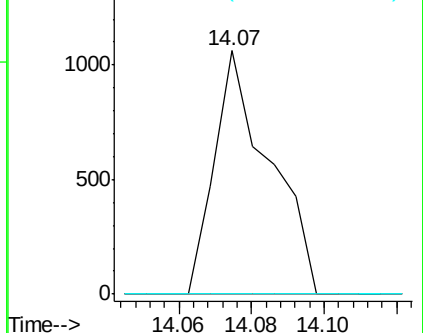
152 0.0 41.9 62.9#

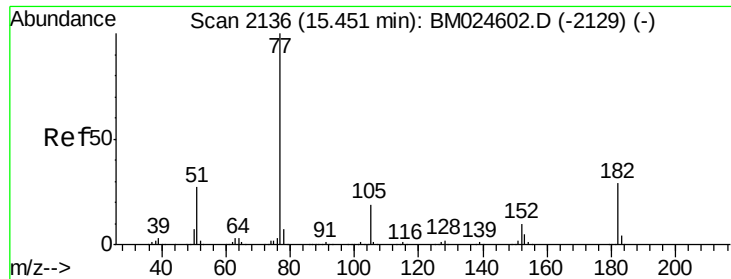


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#63

Azobenzene

Concen: 0.008 ng

RT: 15.41 min Scan# 2129

Delta R.T. -0.04 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 217

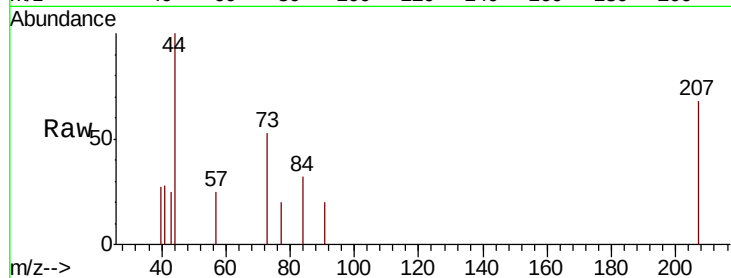
Ion Ratio Lower Upper

77 100

182 0.0 8.7 48.7#

105 0.0 0.0 39.2

51 0.0 7.5 47.5#

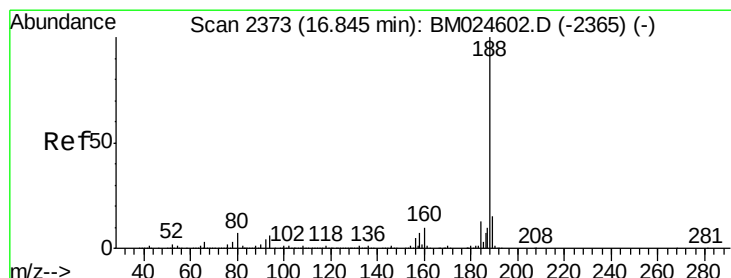
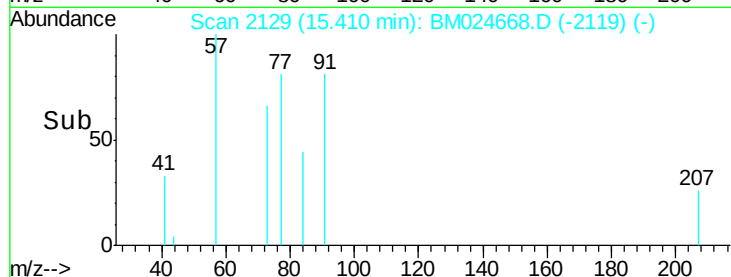
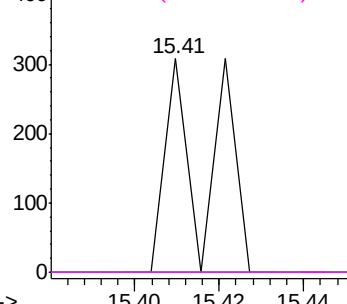


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

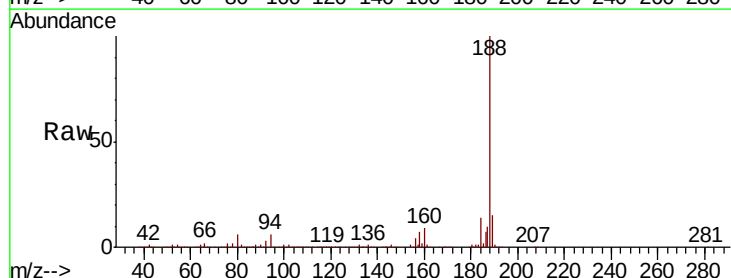
Tgt Ion: 188 Resp: 914046

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.6

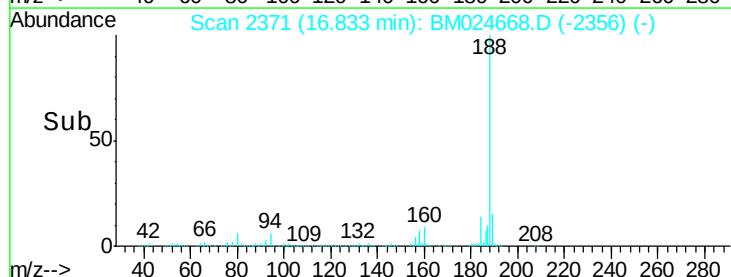
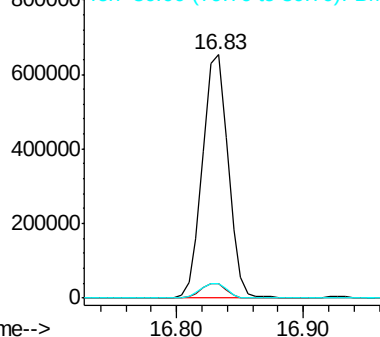
80 6.0 5.8 8.8

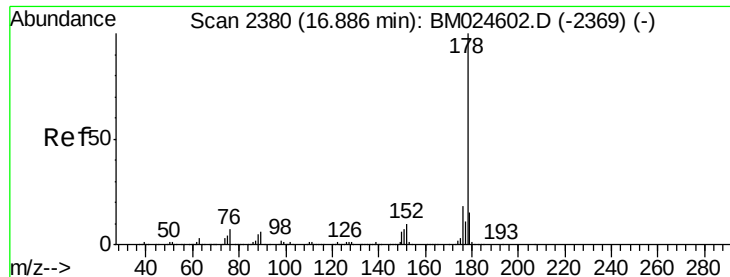


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#71

Phenanthrene

Concen: 0.036 ng

RT: 16.87 min Scan# 2377

Delta R.T. -0.02 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampleId :

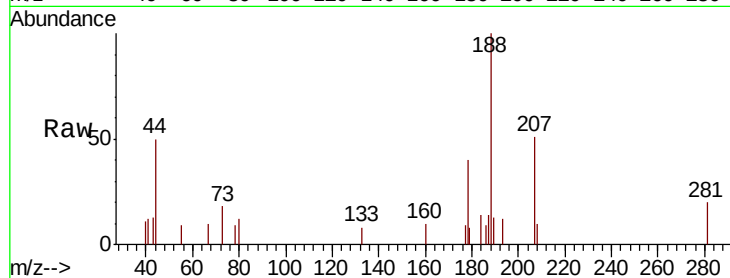
Tot Ion:178 Resp: 1762

Ion Ratio Lower Upper

178 100

176 0.0 14.5 21.7#

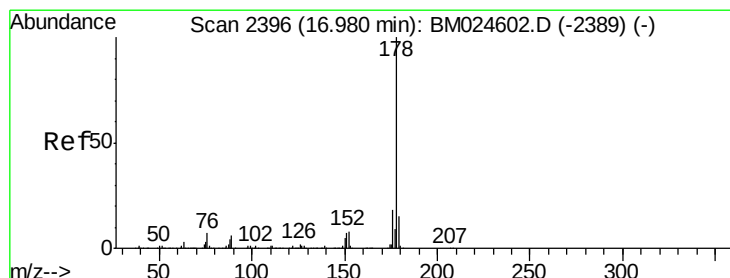
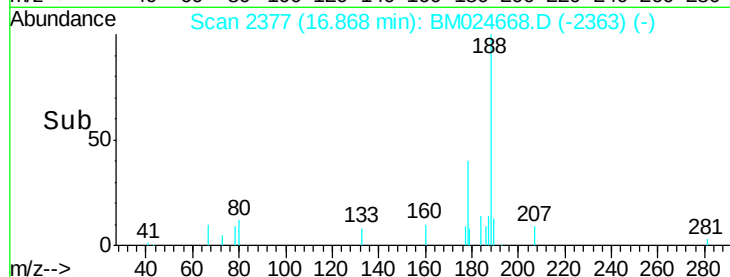
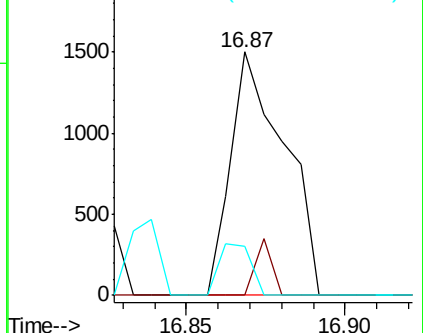
179 20.0 11.9 17.9#



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: 0.010 ng

RT: 16.97 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

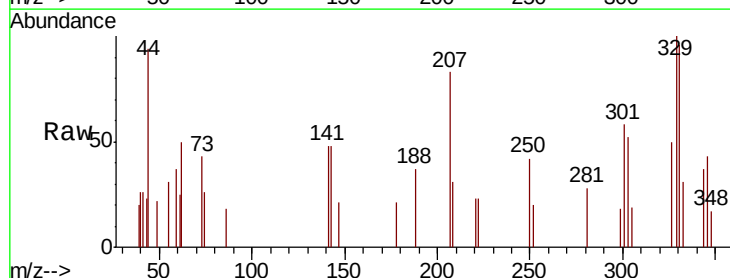
Tgt Ion:178 Resp: 488

Ion Ratio Lower Upper

178 100

176 0.0 14.3 21.5#

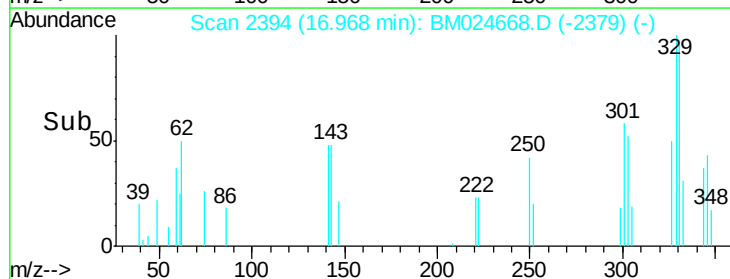
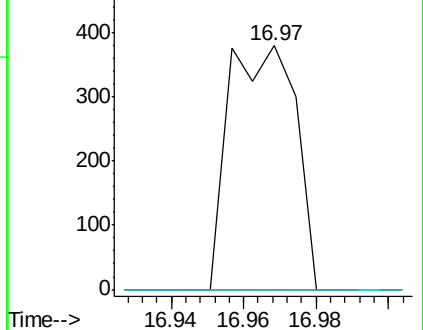
179 0.0 12.1 18.1#

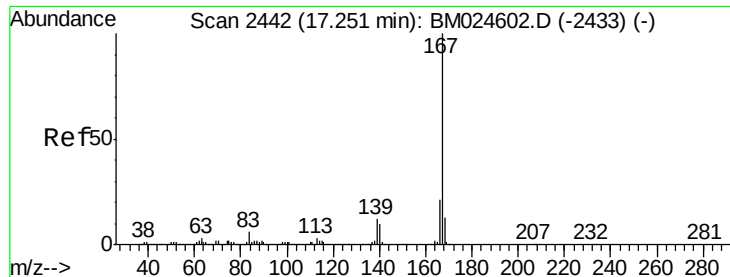


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.014 ng

RT: 17.26 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampled :

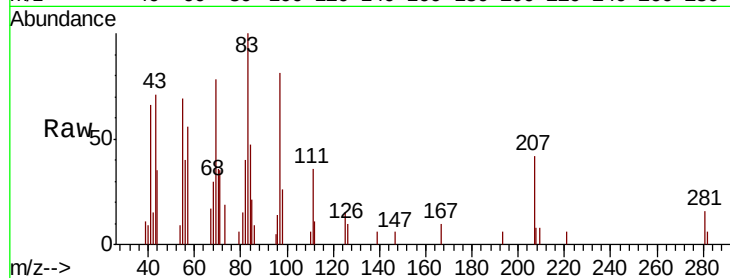
Tot Ion:167 Resp: 597

Ion Ratio Lower Upper

167 100

166 0.0 17.1 25.7#

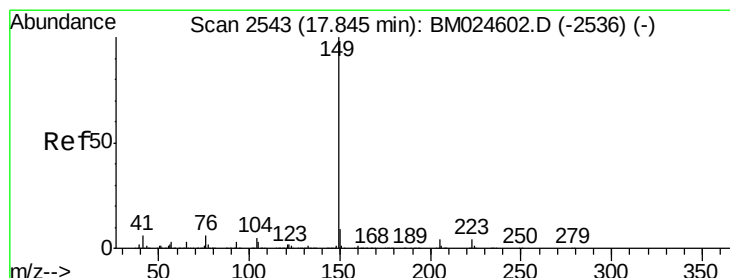
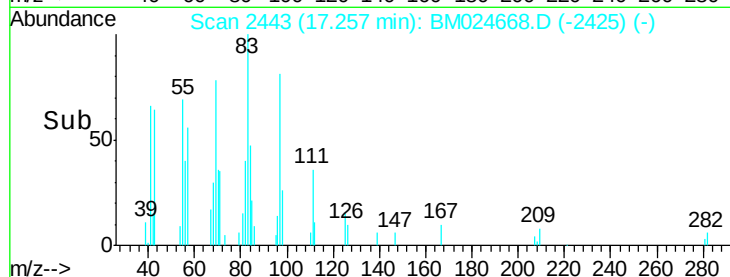
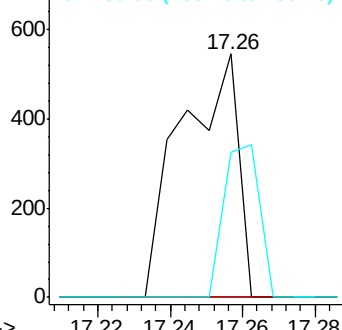
139 59.8 9.8 14.8#



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: 0.022 ng

RT: 17.83 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

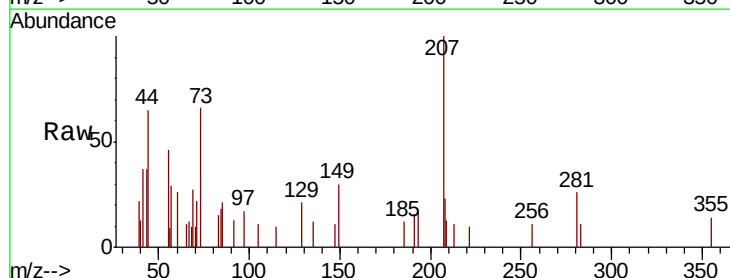
Tgt Ion:149 Resp: 1219

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

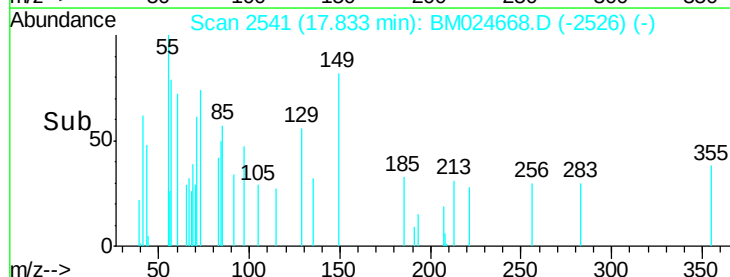
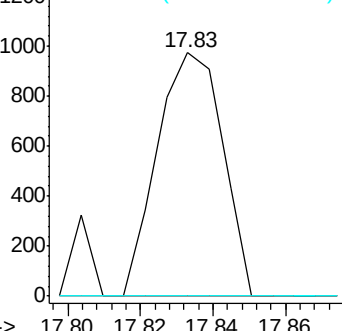
104 0.0 4.3 6.5#

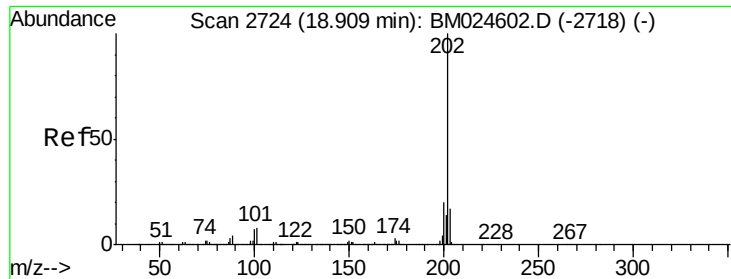


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.096 ng

RT: 18.90 min Scan# 2723

Delta R.T. -0.01 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampleId :

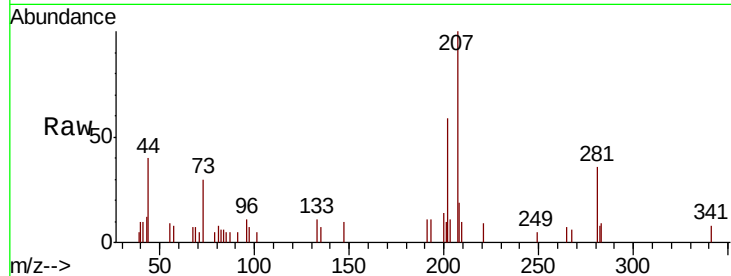
Tot Ion:202 Resp: 5933

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.4

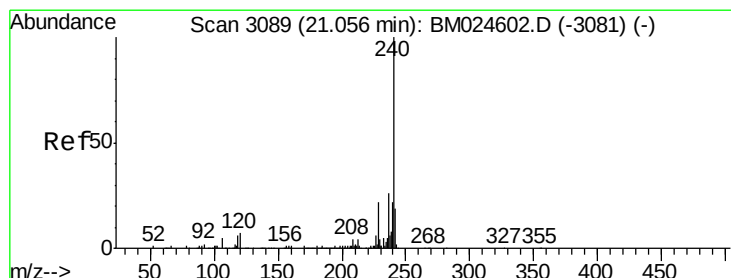
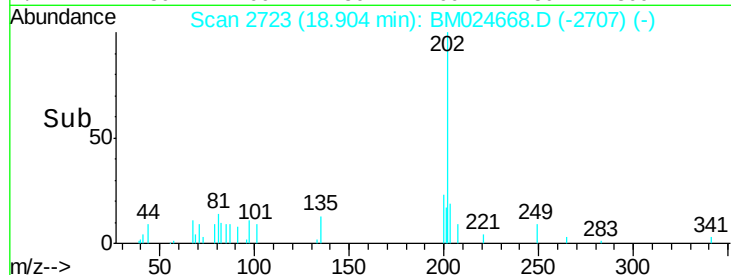
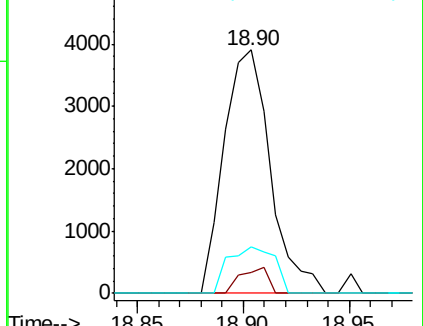
203 19.1 0.0 37.5



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: 21.04 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

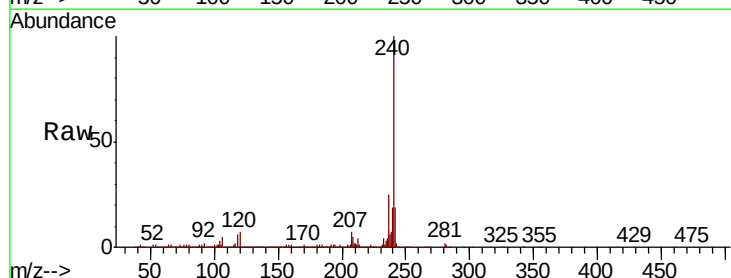
Tgt Ion:240 Resp: 1095495

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

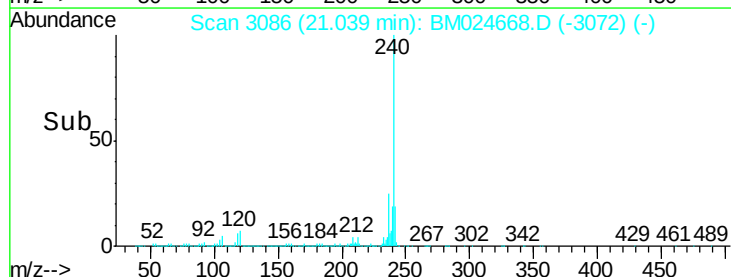
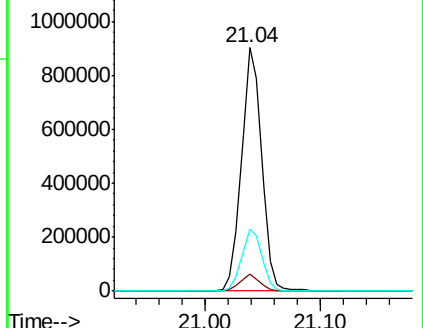
236 25.3 20.6 31.0

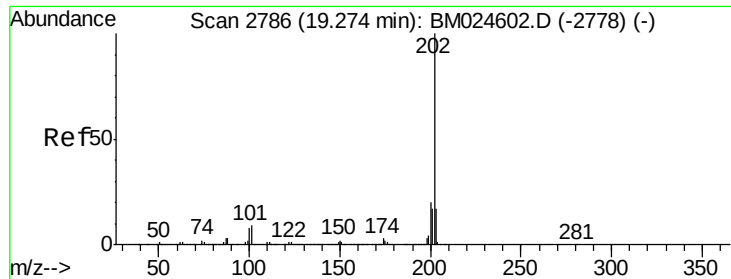


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

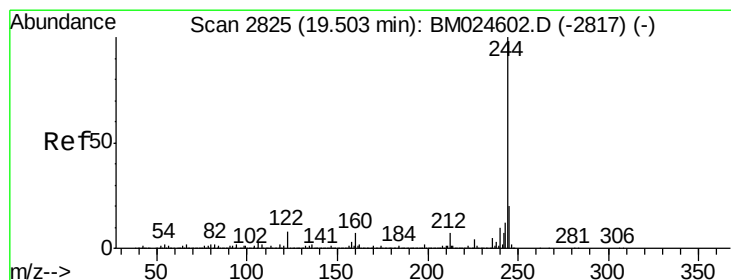
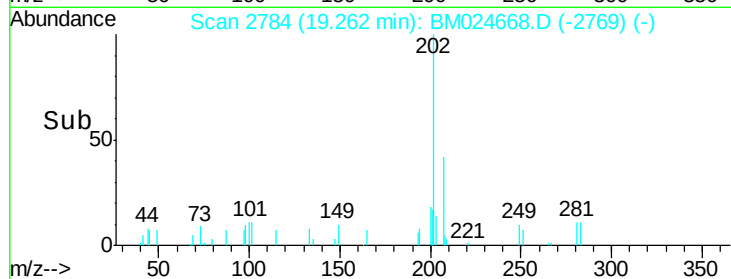
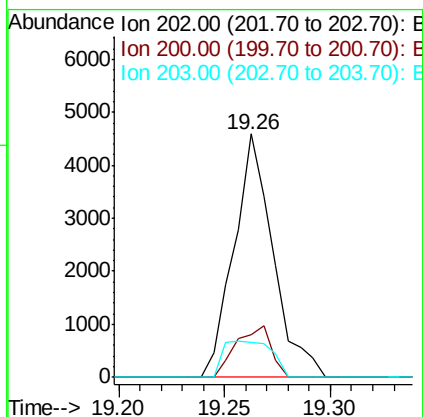
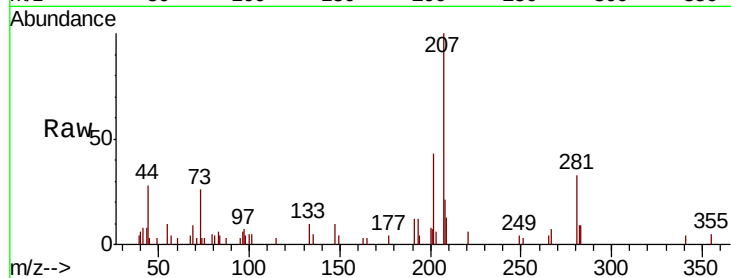




#78
Pvrene
Concen: 0.082 ng
RT: 19.26 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

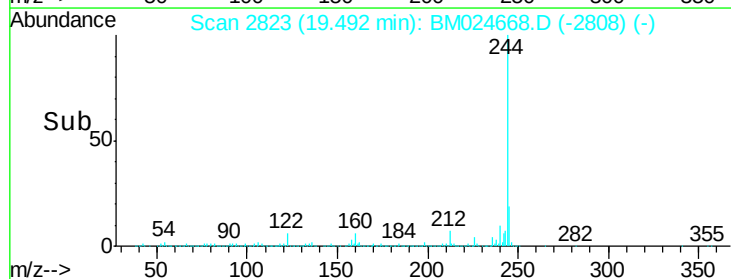
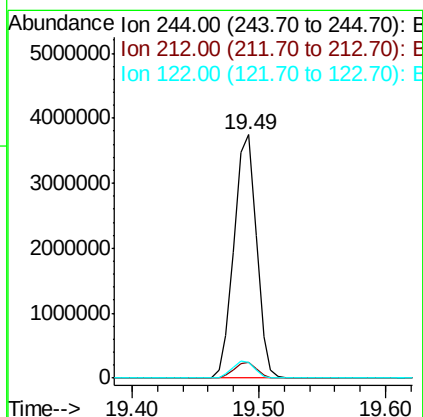
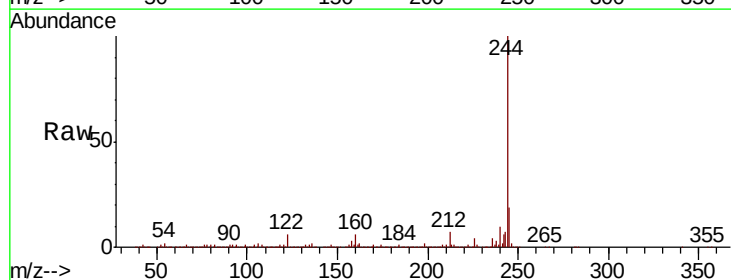
Instrument :
BNA_M
ClientSampleId :

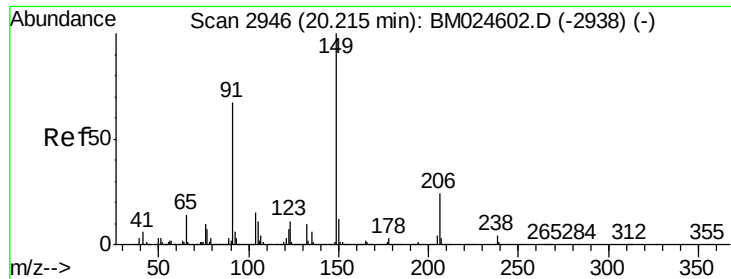
Tot Ion:202 Resp: 5897
Ion Ratio Lower Upper
202 100
200 17.8 16.2 24.2
203 14.3 14.0 21.0



#79
Terphenyl-d14
Concen: 78.254 ng
RT: 19.49 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:244 Resp: 4591936
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 6.5 6.2 9.4

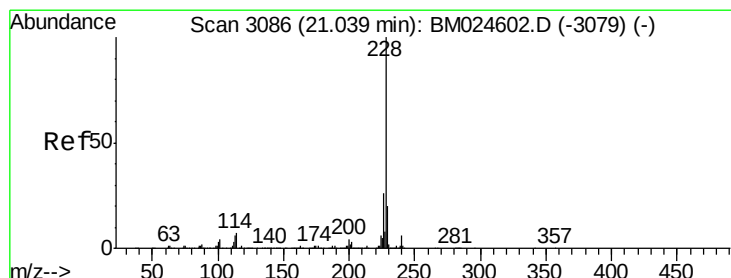
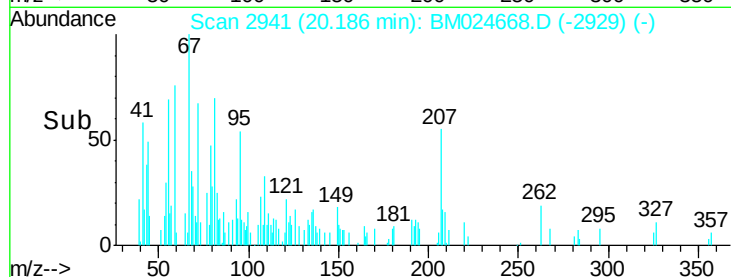
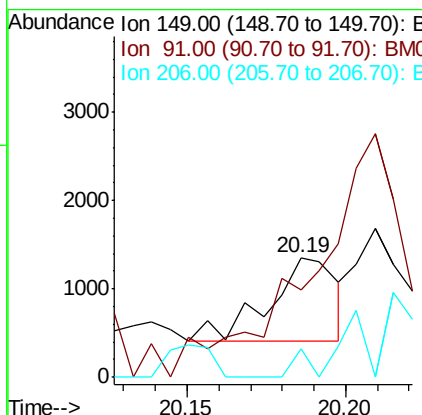
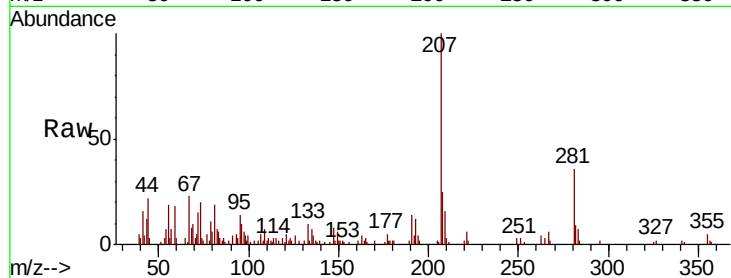




#80
Butylbenzylphthalate
Concen: 0.047 ng
RT: 20.19 min Scan# 2941
Delta R.T. -0.03 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

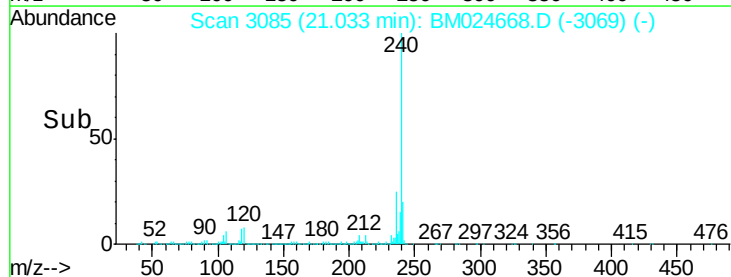
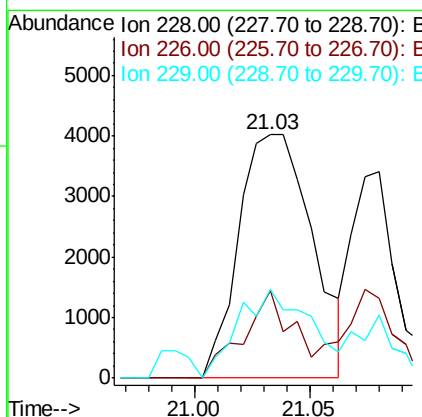
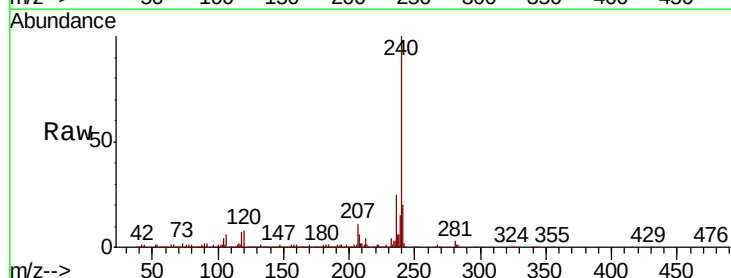
Instrument :
BNA_M
ClientSampled :

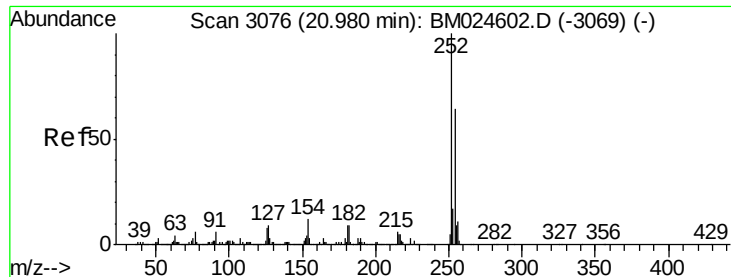
Tot Ion:	149	Resp:	1425
Ion Ratio	Lower	Upper	
149	100		
91	73.3	53.9	80.9
206	24.0	19.0	28.6



#81
Benzo(a)anthracene
Concen: 0.117 ng
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:	228	Resp:	8930
Ion Ratio	Lower	Upper	
228	100		
226	36.1	21.1	31.7#
229	36.3	15.8	23.6#

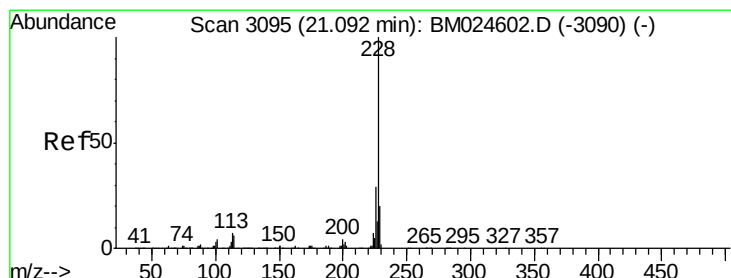
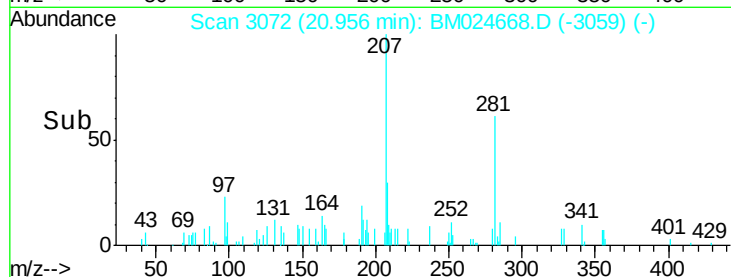
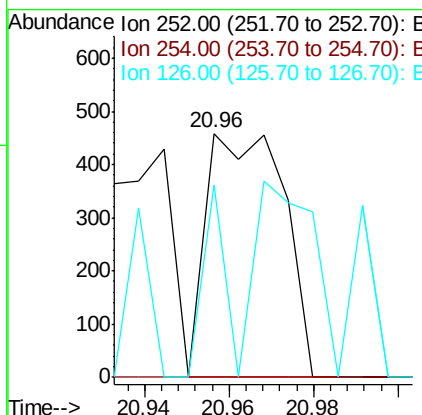
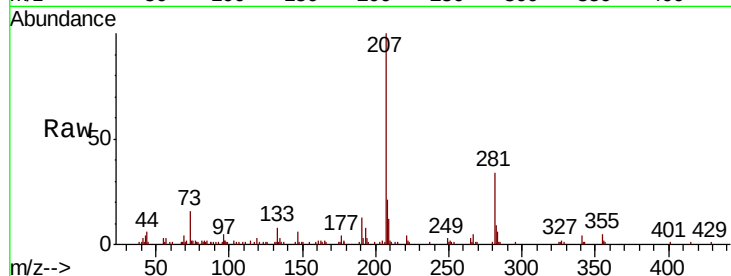




#82
 3,3'-Dichlorobenzidine
 Concen: 0.021 ng
 RT: 20.96 min Scan# 3072
 Delta R.T. -0.02 min
 Lab File: BM024668.D
 Acq: 30 Jan 2020 20:56

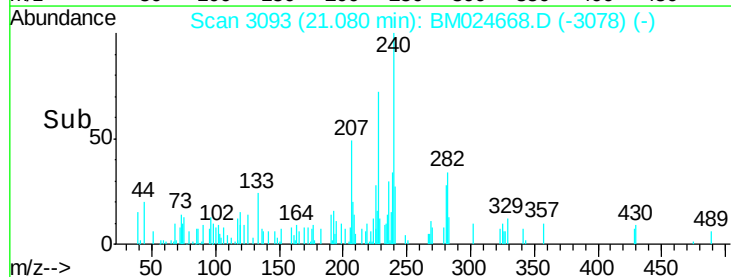
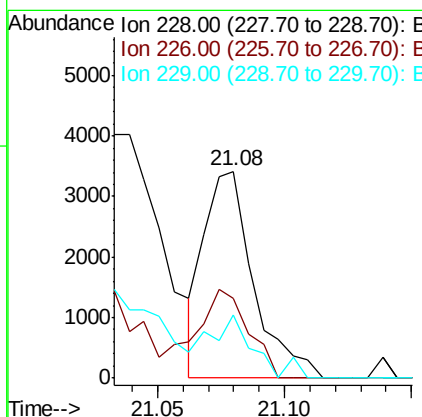
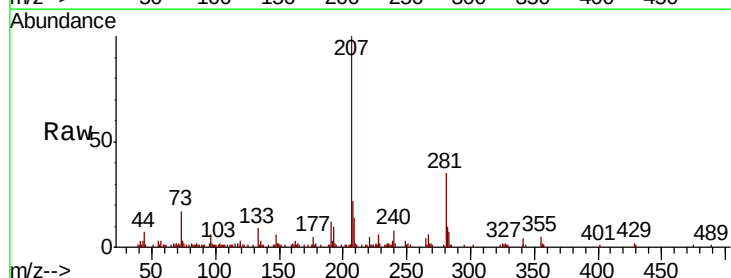
Instrument :
 BNA_M
 ClientSampleId :

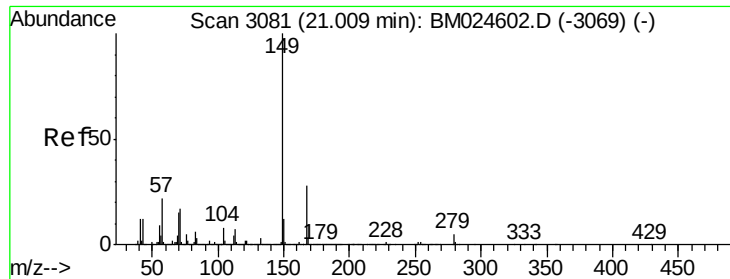
Tot Ion:252 Resp: 585
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.5 77.3#
 126 78.8 6.7 10.1#



#83
 Chrysene
 Concen: 0.064 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM024668.D
 Acq: 30 Jan 2020 20:56

Tgt Ion:228 Resp: 4629
 Ion Ratio Lower Upper
 228 100
 226 38.4 23.2 34.8#
 229 30.4 15.7 23.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.116 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampleId :

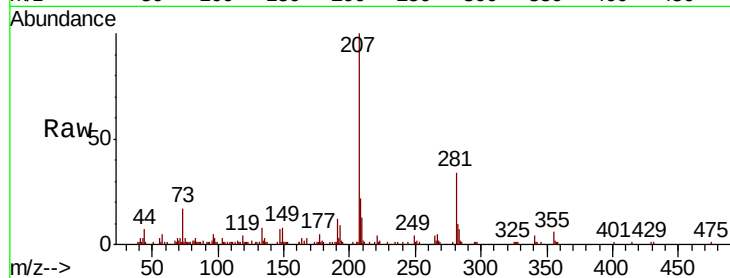
Tot Ion:149 Resp: 5201

Ion Ratio Lower Upper

149 100

167 33.2 22.5 33.7

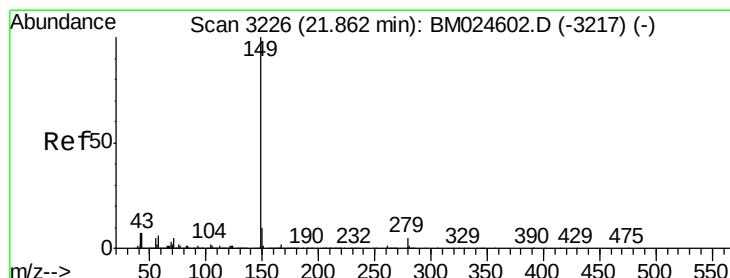
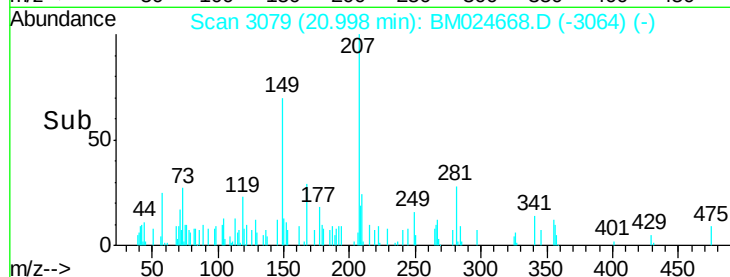
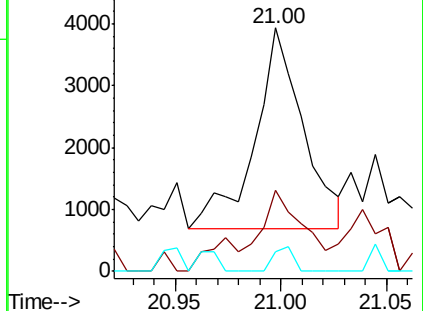
279 8.1 4.0 6.0#



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: 0.009 ng

RT: 21.85 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

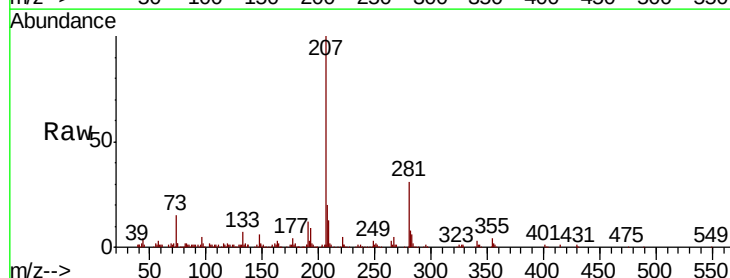
Tgt Ion:149 Resp: 628

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

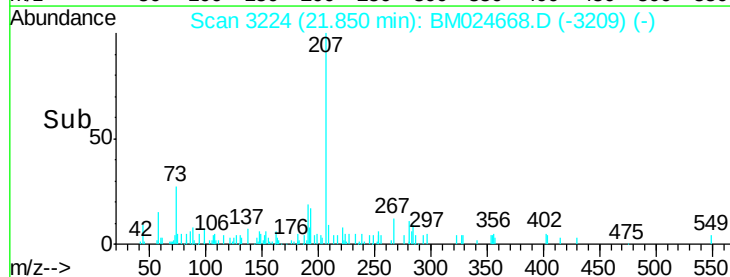
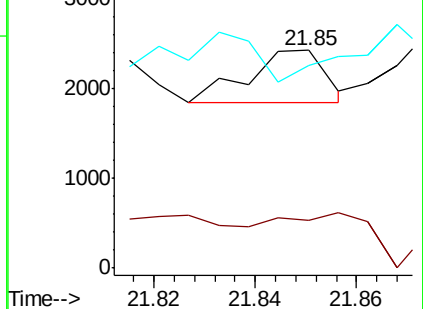
43 0.0 5.8 8.6#

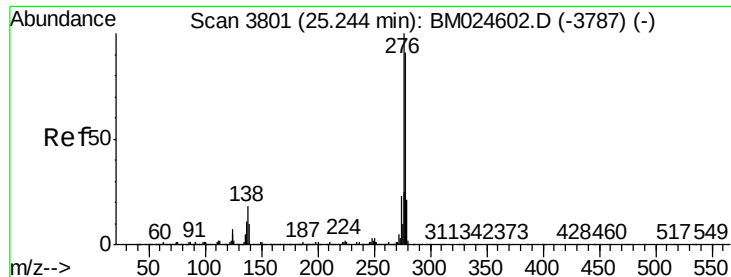


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

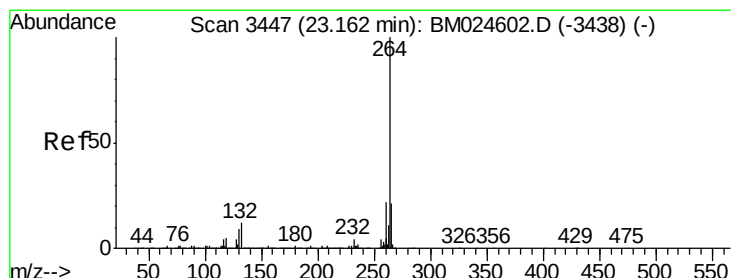
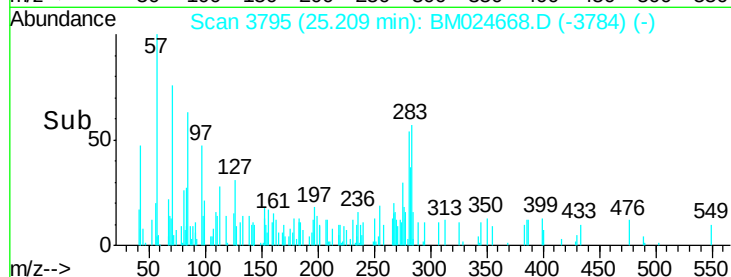
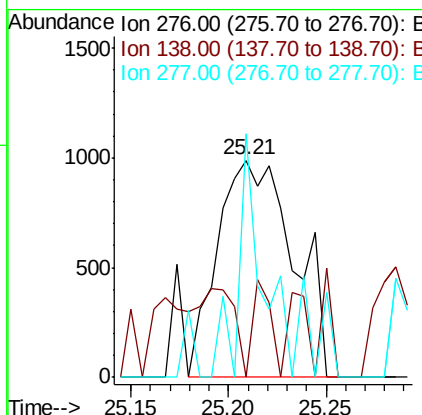
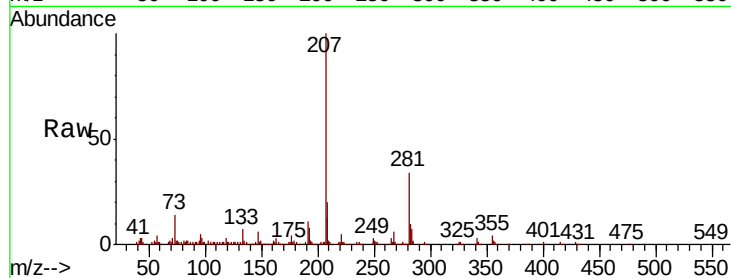




#86
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng
RT: 25.21 min Scan# 3795
Delta R.T. -0.04 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

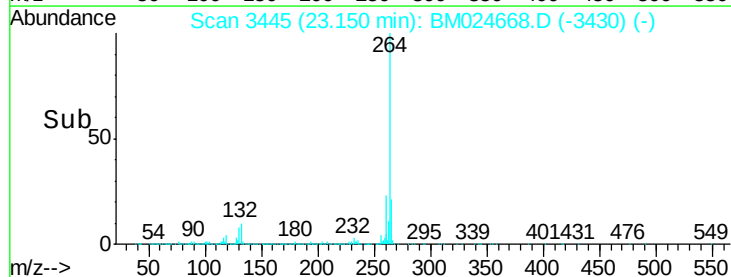
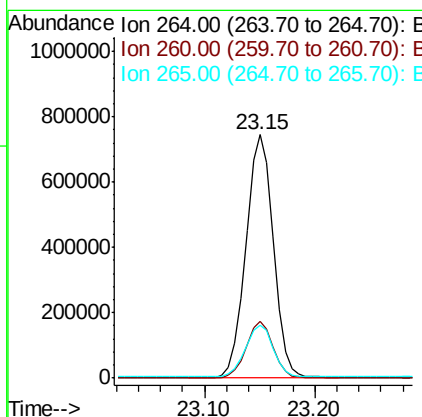
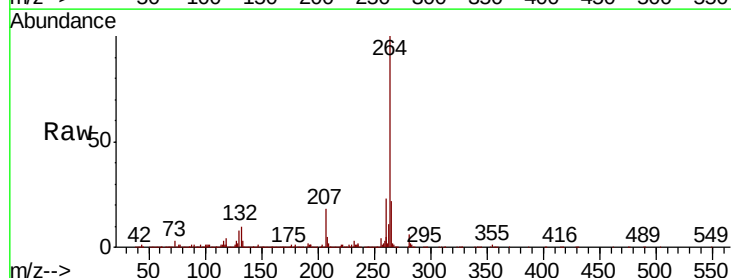
Instrument :
BNA_M
ClientSampled :

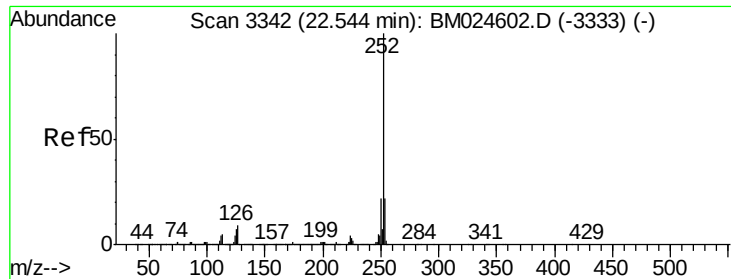
Tot Ion:276 Resp: 2677
Ion Ratio Lower Upper
276 100
138 10.3 13.4 20.0#
277 35.2 19.6 29.4#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:264 Resp: 1308557
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 21.9 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 0.049 ng

RT: 22.53 min Scan# 3339

Delta R.T. -0.02 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampled :

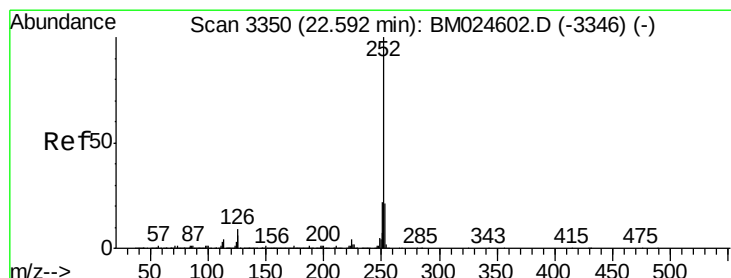
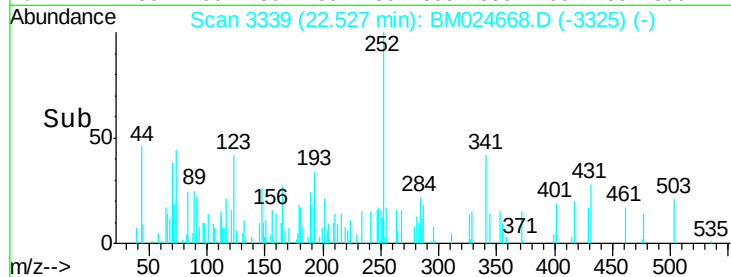
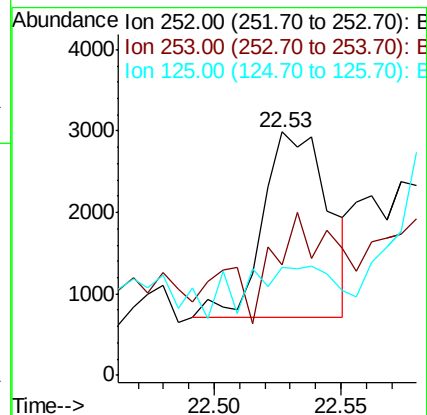
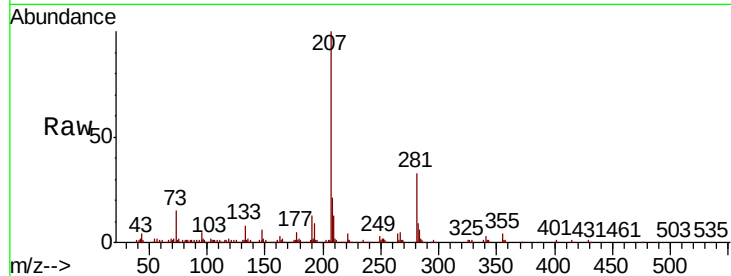
Tot Ion:252 Resp: 4120

Ion Ratio Lower Upper

252 100

253 45.1 17.6 26.4#

125 60.6 5.7 8.5#



#89

Benzo(k)fluoranthene

Concen: 0.050 ng

RT: 22.53 min Scan# 3339

Delta R.T. -0.06 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

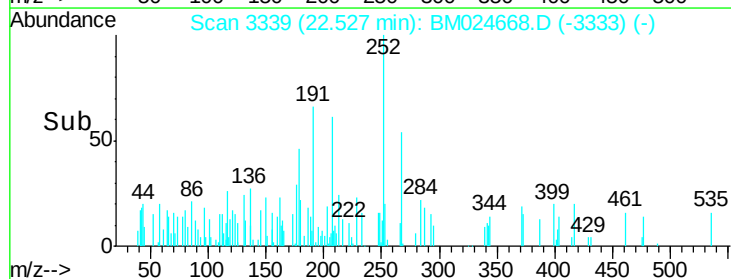
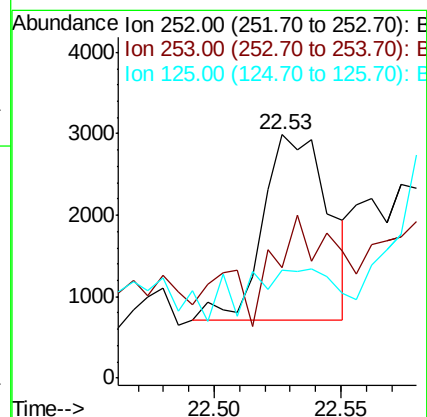
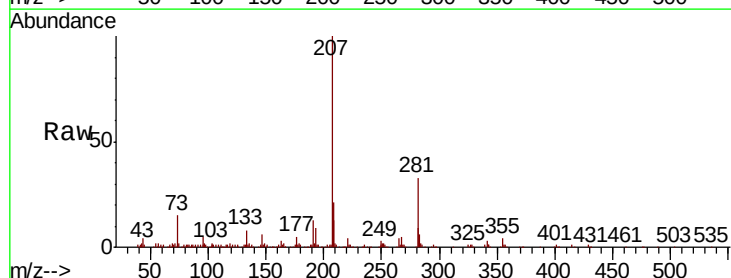
Tgt Ion:252 Resp: 4120

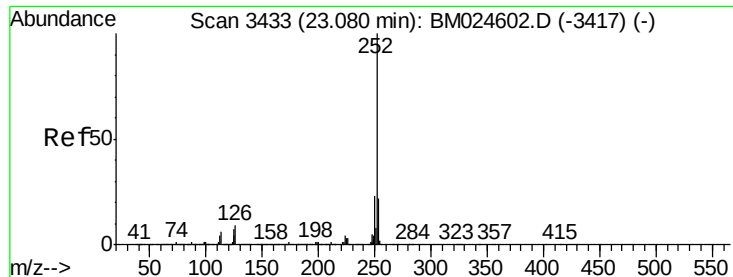
Ion Ratio Lower Upper

252 100

253 45.1 17.3 25.9#

125 60.6 5.2 7.8#





#90

Benzo(a)pyrene

Concen: 0.043 ng

RT: 23.05 min Scan# 3428

Delta R.T. -0.03 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampled :

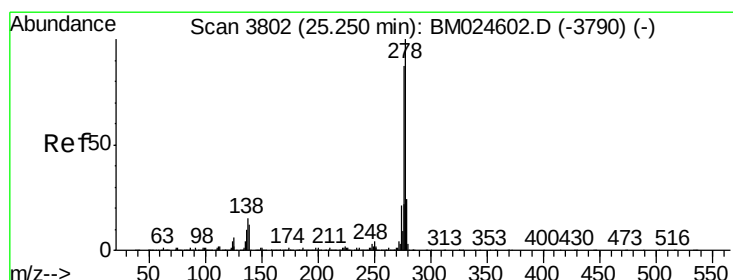
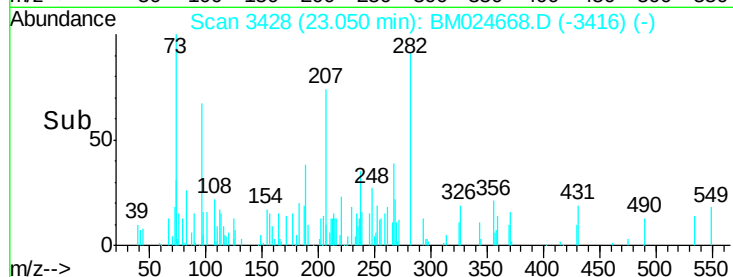
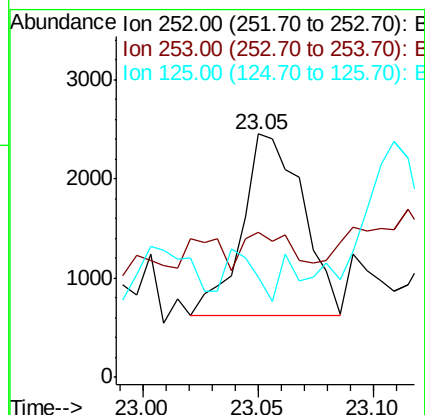
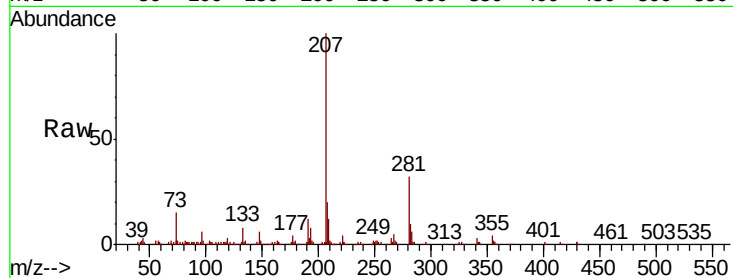
Tot Ion:252 Resp: 3339

Ion Ratio Lower Upper

252 100

253 59.4 17.3 25.9#

125 40.9 5.8 8.8#



#91

Dibenzo(a,h)anthracene

Concen: 0.017 ng

RT: 25.23 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

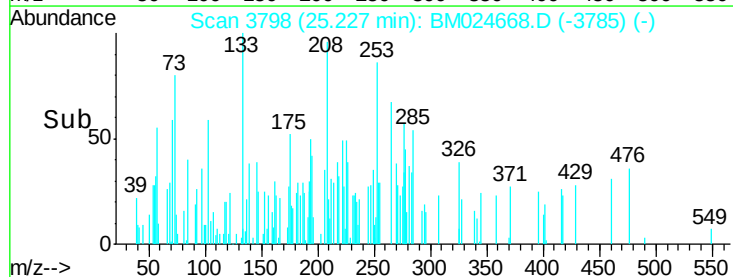
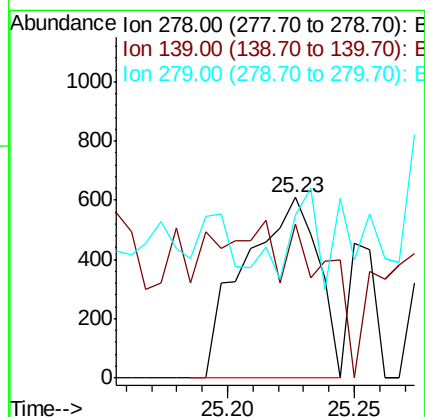
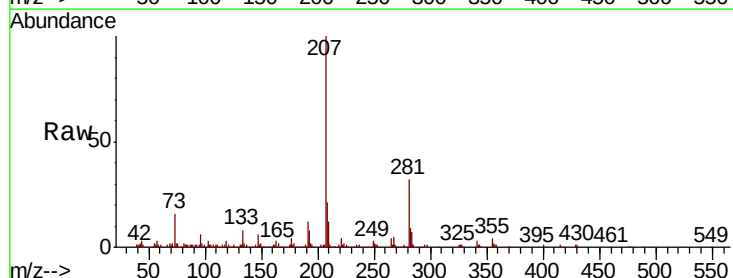
Tgt Ion:278 Resp: 1228

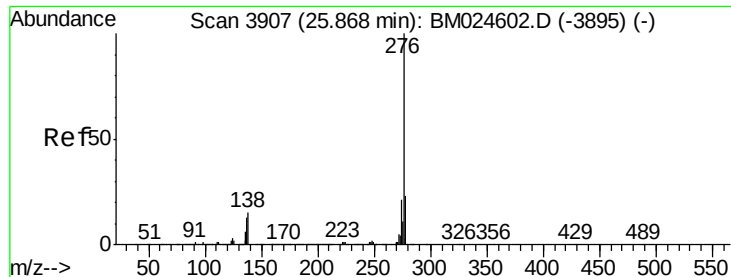
Ion Ratio Lower Upper

278 100

139 84.9 9.3 13.9#

279 90.5 18.9 28.3#





#92

Benzo(a,h,i)perylene

Concen: 0.051 ng

RT: 25.83 min Scan# 3901

Delta R.T. -0.04 min

Lab File: BM024668.D

Acq: 30 Jan 2020 20:56

Instrument :

BNA_M

ClientSampleId :

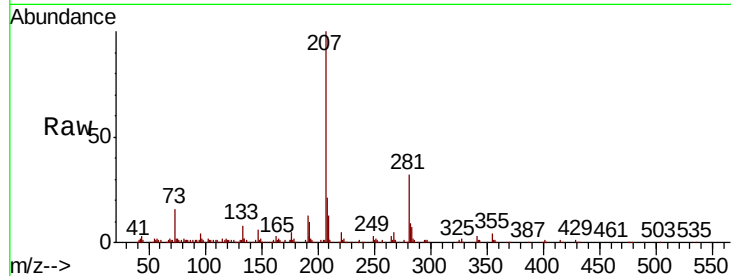
Tot Ion:276 Resp: 3414

Ion Ratio Lower Upper

276 100

277 44.1 18.6 28.0#

138 0.0 11.9 17.9#



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

