

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033405.D
 Acq On : 10 Dec 2021 21:38
 Operator : CG/JU
 Sample : M4973-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 11 02:15:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 07:11:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	87377	20.000	ng	0.00
21) Naphthalene-d8	10.713	136	348721	20.000	ng	# 0.00
39) Acenaphthene-d10	14.542	164	218275	20.000	ng	0.00
64) Phenanthrene-d10	17.277	188	363140	20.000	ng	# 0.00
76) Chrysene-d12	21.430	240	314488	20.000	ng	-0.01
86) Perylene-d12	23.747	264	300395	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	296481	55.665	ng	0.01
7) Phenol-d6	7.090	99	620759	83.588	ng	0.00
23) Nitrobenzene-d5	9.090	82	593972	72.322	ng	0.01
42) 2,4,6-Tribromophenol	16.024	330	129088	55.285	ng	0.00
45) 2-Fluorobiphenyl	13.160	172	905773	57.400	ng	0.00
79) Terphenyl-d14	19.877	244	1030285	60.695	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.713	42	13054	3.716	ng	# 1
6) Aniline	7.313	93	39789	4.768	ng	# 1
9) Benzaldehyde	7.078	77	1046086	261.367	ng	# 1
10) Phenol	7.113	94	22008	2.969	ng	# 41
15) Benzyl Alcohol	8.196	79	28828	4.692	ng	# 63
18) Hexachloroethane	9.025	117	1745579	662.639	ng	# 1
19) n-Nitroso-di-n-propyla...	8.666	70	98006	18.439	ng	# 55
20) 3+4-Methylphenols	8.713	107	26181	3.822	ng	# 1
22) Acetophenone	8.713	105	3073581	325.768	ng	# 53
24) Nitrobenzene	9.107	77	243664	30.999	ng	# 11
25) Isophorone	9.637	82	152315	12.212	ng	# 1
26) 2-Nitrophenol	9.825	139	14822	5.131	ng	# 1
28) bis(2-Chloroethoxy)met...	10.119	93	54412	6.907	ng	# 1
29) 2,4-Dichlorophenol	10.366	162	20173	3.790	ng	# 27
31) Naphthalene	10.778	128	8568945	459.782	ng	98
33) 4-Chloroaniline	10.825	127	81547	11.285	ng	# 1
35) Caprolactam	11.725	113	241495	232.828	ng	# 33
36) 4-Chloro-3-methylphenol	11.995	107	22179	3.469	ng	# 44
37) 2-Methylnaphthalene	12.383	142	7737758	607.364	ng	98
38) 1-Methylnaphthalene	12.595	142	3813883	303.586	ng	98
46) 1,1'-Biphenyl	13.372	154	517874	31.150	ng	97
48) 2-Nitroaniline	13.642	65	9288	2.054	ng	# 1
49) Acenaphthylene	14.266	152	84965	4.236	ng	# 1
51) 2,6-Dinitrotoluene	14.142	165	12880	3.981	ng	# 62
52) Acenaphthene	14.601	154	138419	11.381	ng	# 88
53) 3-Nitroaniline	14.442	138	19426	5.763	ng	# 26
55) Dibenzofuran	14.936	168	230124	11.383	ng	# 1
56) 4-Nitrophenol	14.748	139	126403	49.681	ng	# 47
57) 2,4-Dinitrotoluene	14.895	165	28685	6.725	ng	# 53
58) Fluorene	15.583	166	355548	22.347	ng	# 88
65) 4,6-Dinitro-2-methylph...	15.624	198	4853	2.365	ng	# 1
66) n-Nitrosodiphenylamine	15.795	169	459980	41.824	ng	# 54
69) Atrazine	16.730	200	6874	3.055	ng	# 34
71) Phenanthrene	17.318	178	967412	47.584	ng	# 96
72) Anthracene	17.413	178	43780	2.204	ng	# 59
78) Pyrene	19.683	202	100504	4.563	ng	# 88

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Instrument :
BNA_M
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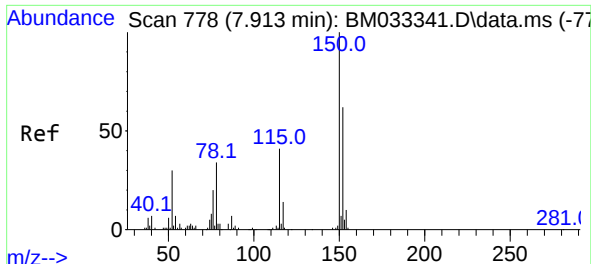
Quant Time: Dec 11 02:15:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

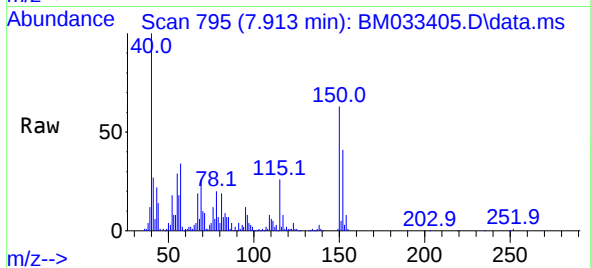
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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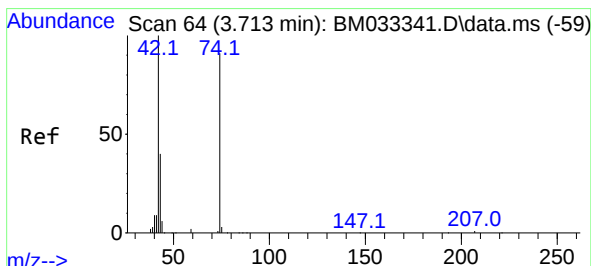
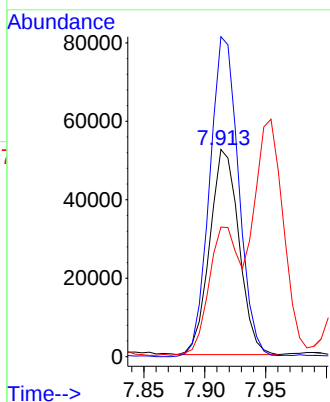
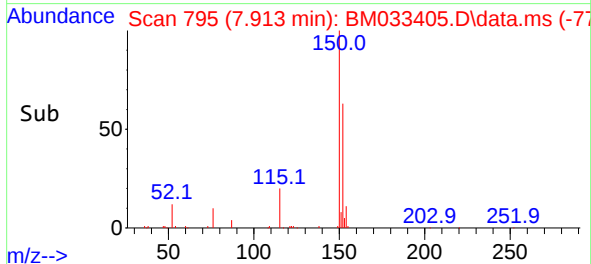


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.913 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

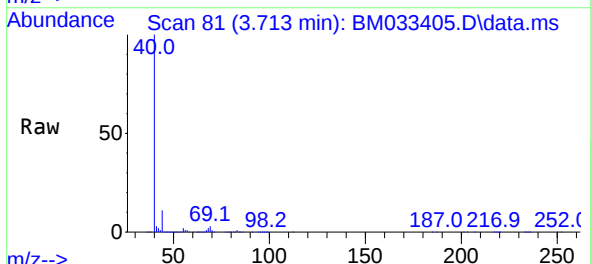
Instrument :
BNA_M
ClientSampleId :



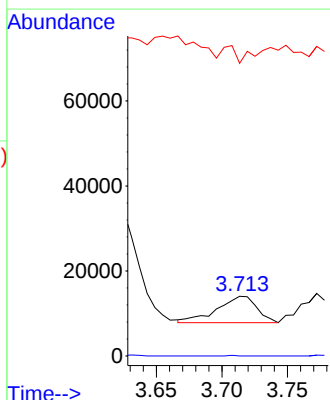
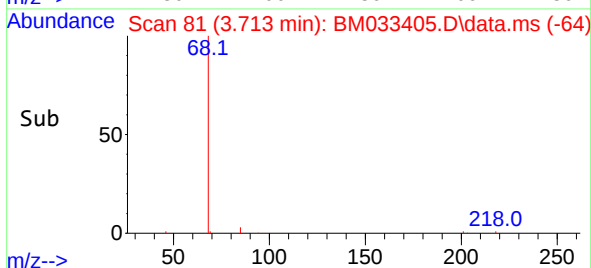
Tgt Ion:152 Resp: 87377
Ion Ratio Lower Upper
152 100
150 154.4 128.9 193.3
115 62.5 53.0 79.6

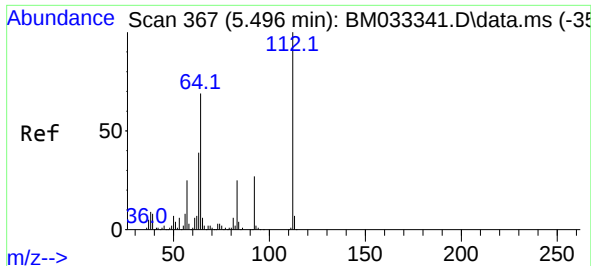


#4
n-Nitrosodimethylamine
Concen: 3.716 ng
RT: 3.713 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38



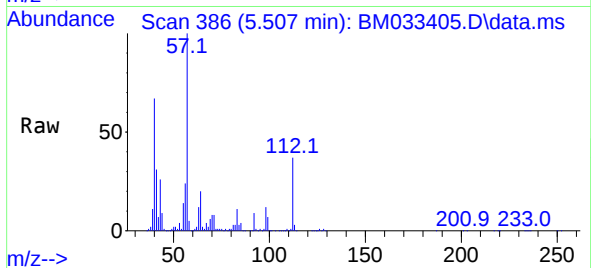
Tgt Ion: 42 Resp: 13054
Ion Ratio Lower Upper
42 100
74 0.0 72.5 108.7#
44 490.2 5.4 8.2#



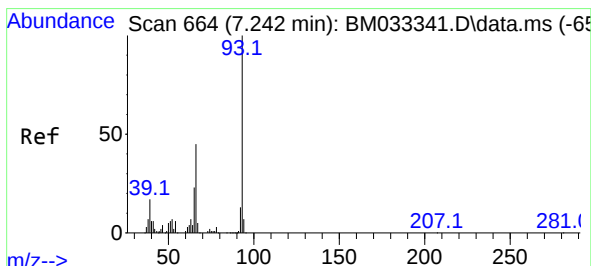
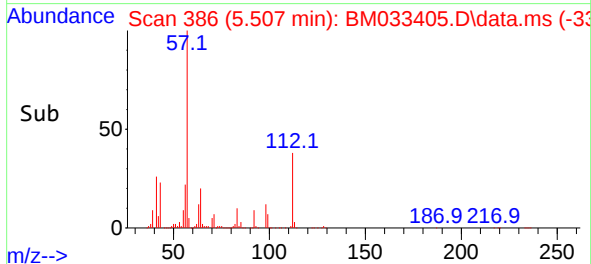
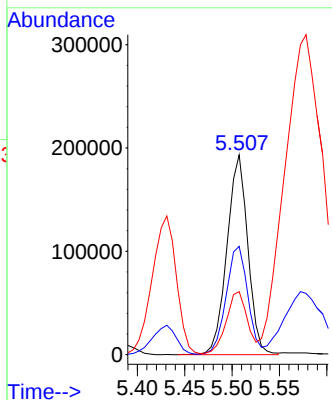


#5
2-Fluorophenol
Concen: 55.665 ng
RT: 5.507 min Scan# 31
Delta R.T. 0.012 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Instrument :
BNA_M
ClientSampleId :

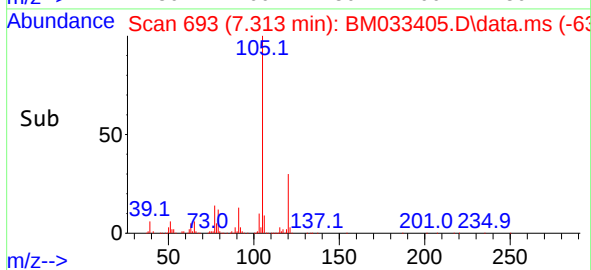
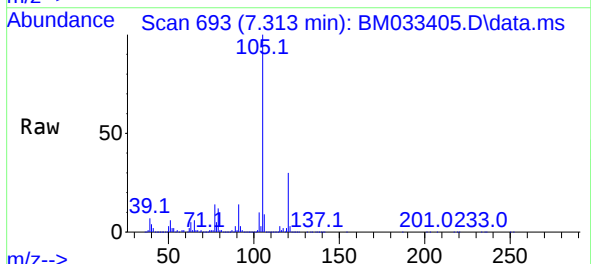
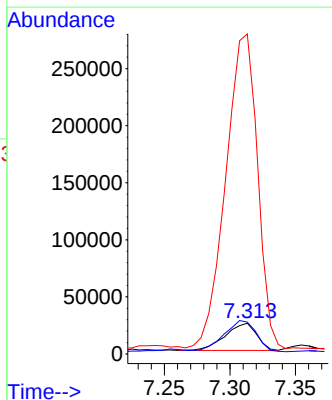


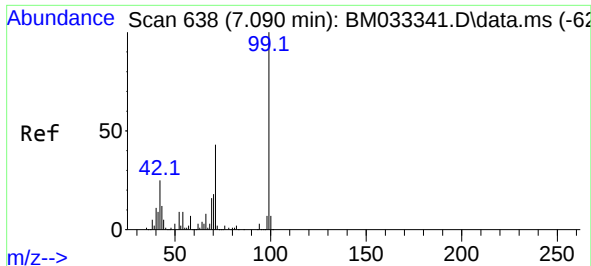
Tgt Ion:112 Resp: 296481
Ion Ratio Lower Upper
112 100
64 54.2 55.5 83.3#
63 31.6 31.3 46.9



#6
Aniline
Concen: 4.768 ng
RT: 7.313 min Scan# 693
Delta R.T. 0.071 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion: 93 Resp: 39789
Ion Ratio Lower Upper
93 100
66 104.0 36.0 54.0#
65 1043.1 18.2 27.4#

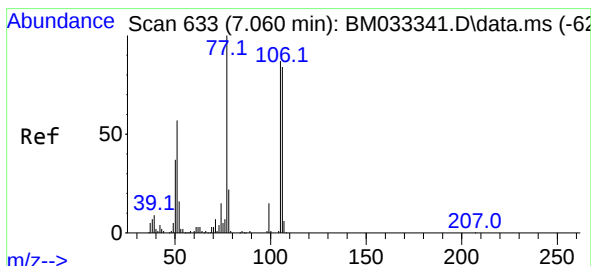
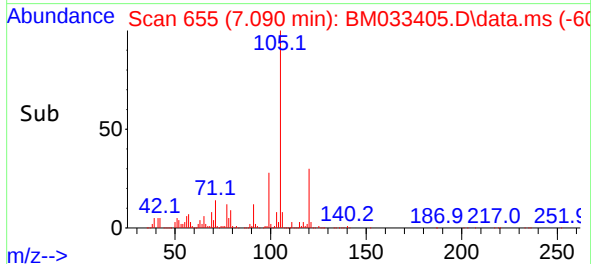
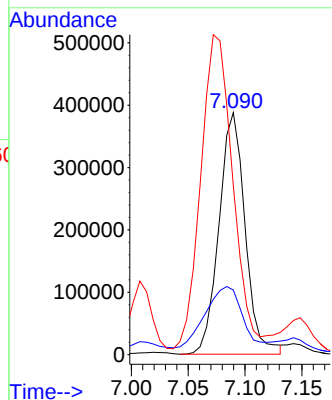
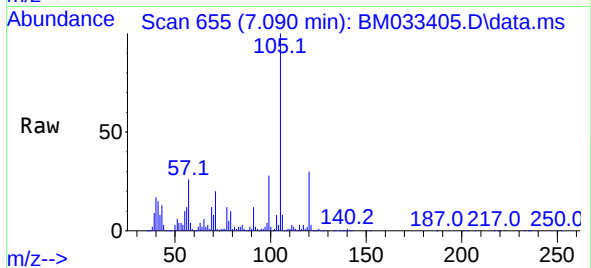




#7
Phenol-d6
Concen: 83.588 ng
RT: 7.090 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

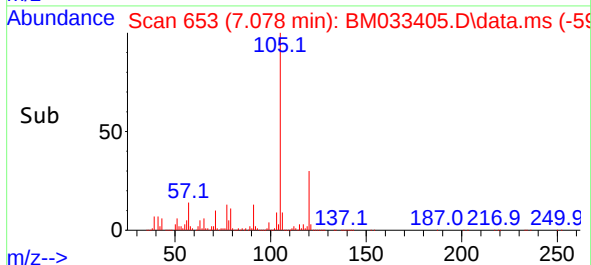
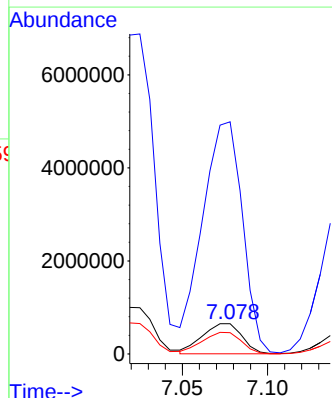
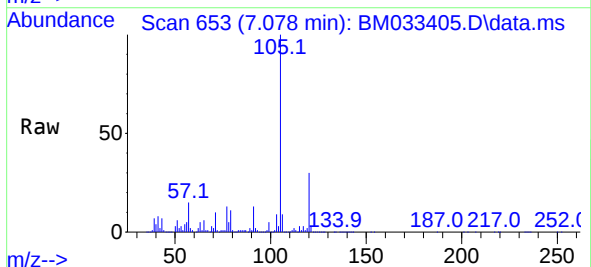
Instrument :
BNA_M
ClientSampleId :

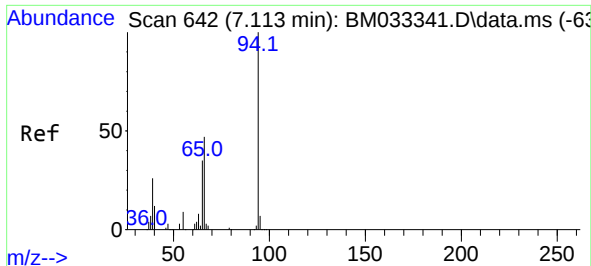
Tgt Ion: 99 Resp: 620759
Ion Ratio Lower Upper
99 100
42 26.7 20.3 30.5
71 69.8 34.5 51.7#



#9
Benzaldehyde
Concen: 261.367 ng
RT: 7.078 min Scan# 653
Delta R.T. 0.018 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion: 77 Resp: 1046086
Ion Ratio Lower Upper
77 100
105 765.8 67.1 107.1#
106 70.0 64.3 104.3

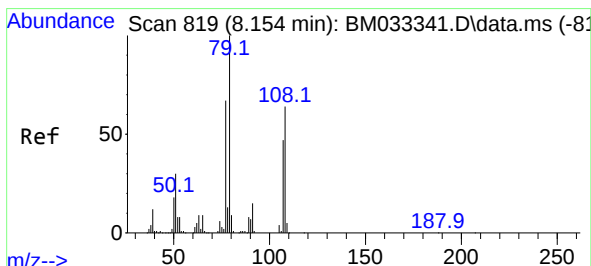
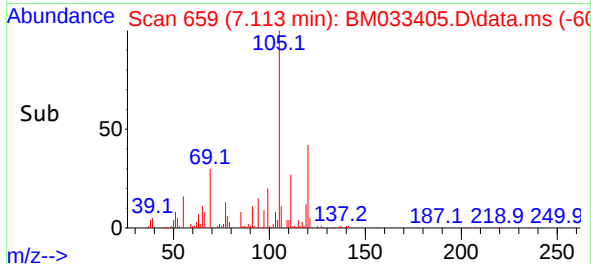
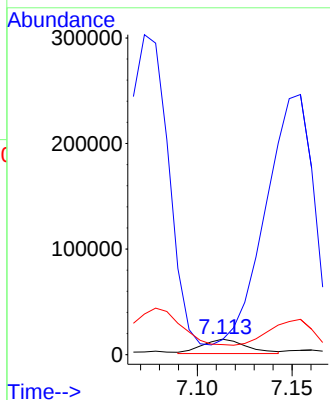
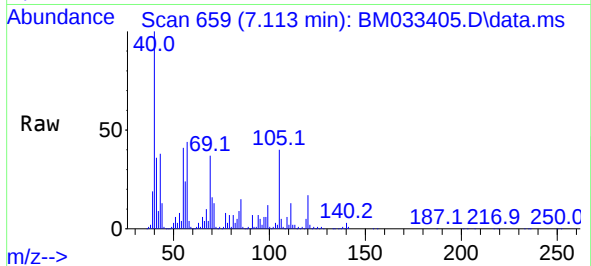




#10
Phenol
Concen: 2.969 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

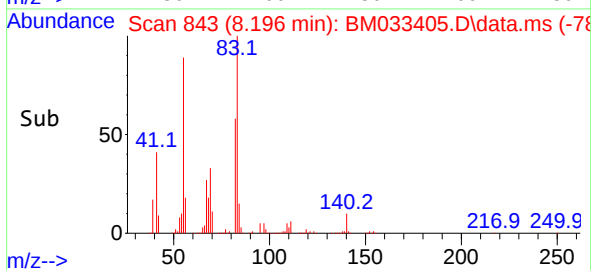
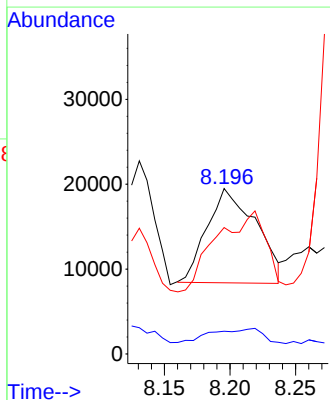
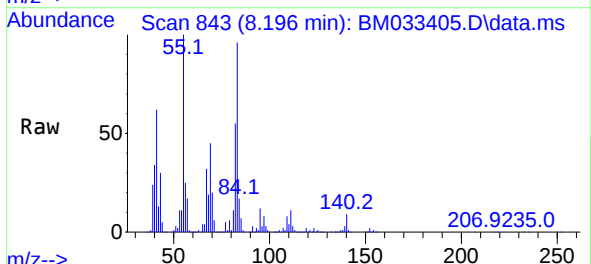
Instrument :
BNA_M
ClientSampleId :

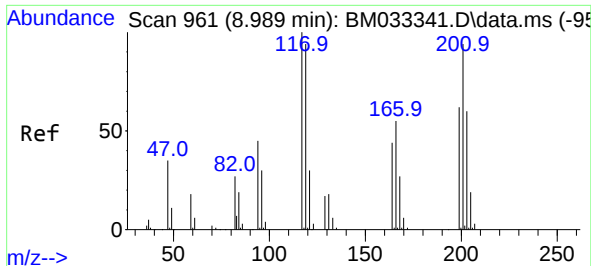
Tgt Ion: 94 Resp: 22008
Ion Ratio Lower Upper
94 100
65 97.3 15.5 55.5#
66 65.4 28.5 68.5



#15
Benzyl Alcohol
Concen: 4.692 ng
RT: 8.196 min Scan# 843
Delta R.T. 0.041 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

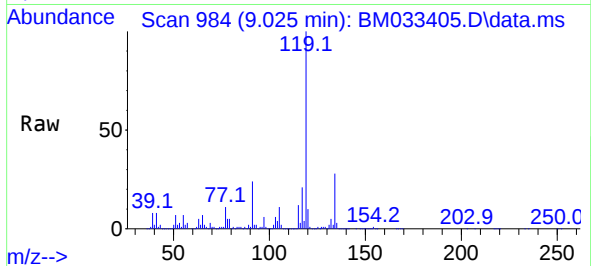
Tgt Ion: 79 Resp: 28828
Ion Ratio Lower Upper
79 100
108 13.7 51.1 76.7#
77 76.4 53.8 80.8



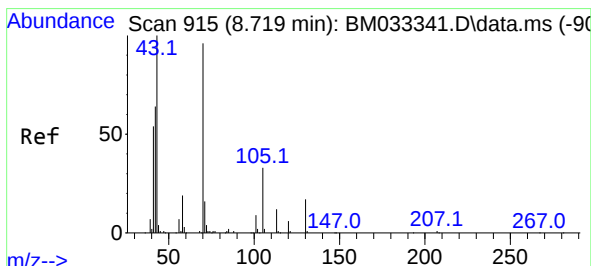
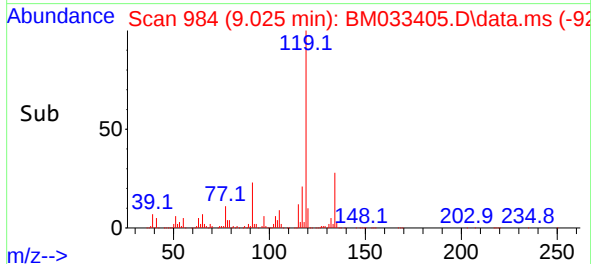
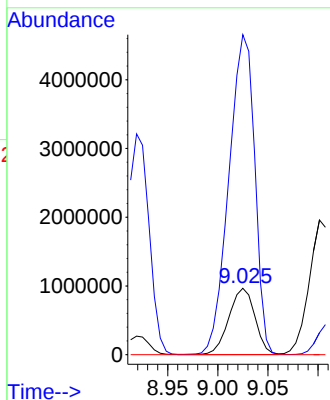


#18
Hexachloroethane
Concen: 662.639 ng
RT: 9.025 min Scan# 918
Delta R.T. 0.035 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Instrument :
BNA_M
ClientSampleId :

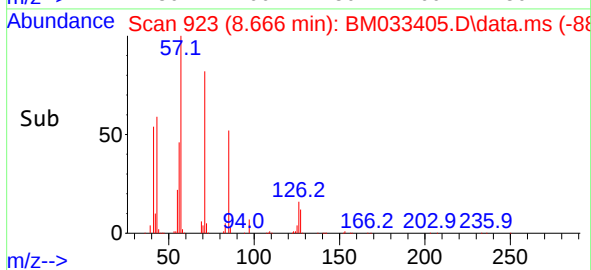
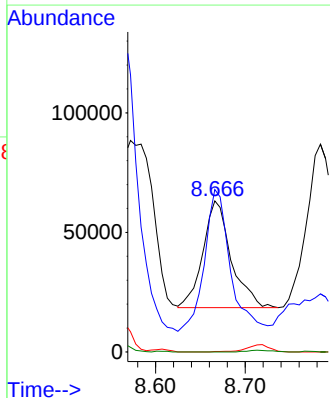
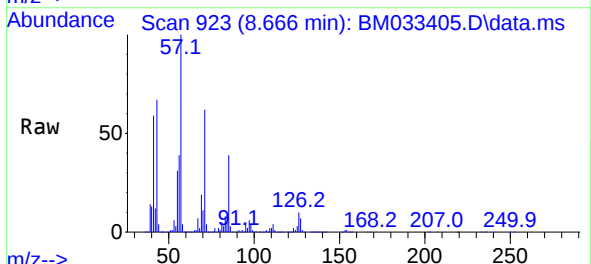


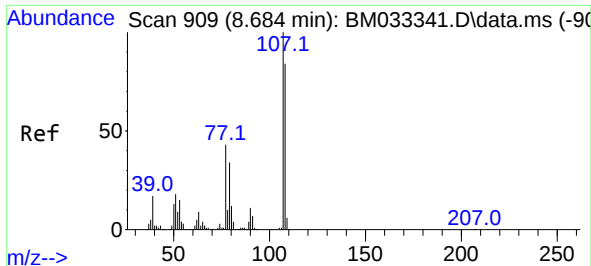
Tgt Ion:117 Resp: 1745579
Ion Ratio Lower Upper
117 100
119 481.9 75.0 112.6#
201 0.0 75.2 112.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.439 ng
RT: 8.666 min Scan# 923
Delta R.T. -0.053 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion: 70 Resp: 98006
Ion Ratio Lower Upper
70 100
42 107.5 54.1 81.1#
101 0.3 7.8 11.6#
130 0.0 13.9 20.9#

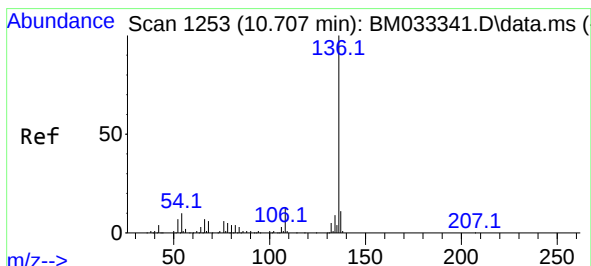
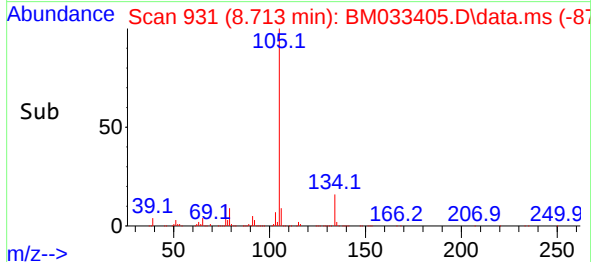
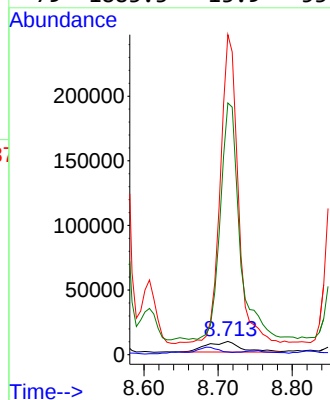
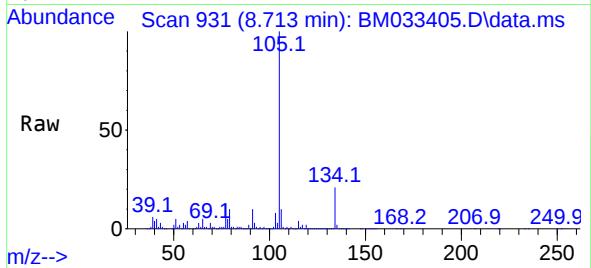




#20
3+4-Methylphenols
Concen: 3.822 ng
RT: 8.713 min Scan# 91
Delta R.T. 0.030 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

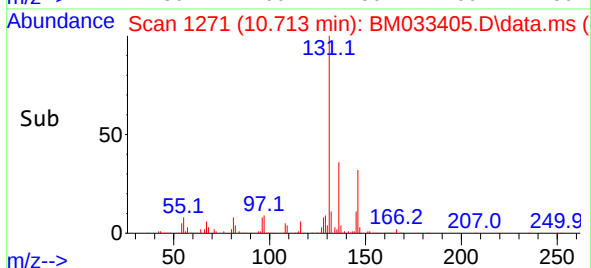
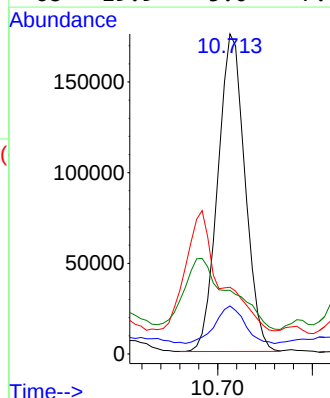
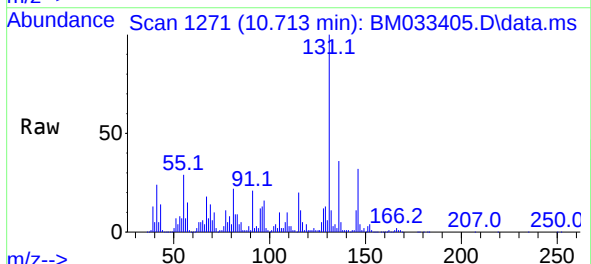
Instrument :
BNA_M
ClientSampleId :

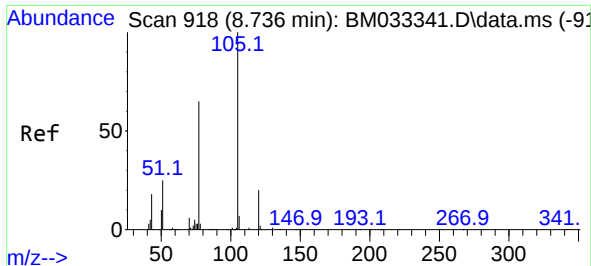
Tgt Ion:107 Resp: 26181
Ion Ratio Lower Upper
107 100
108 20.5 64.2 104.2#
77 2394.5 22.7 62.7#
79 1883.3 13.9 53.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.713 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

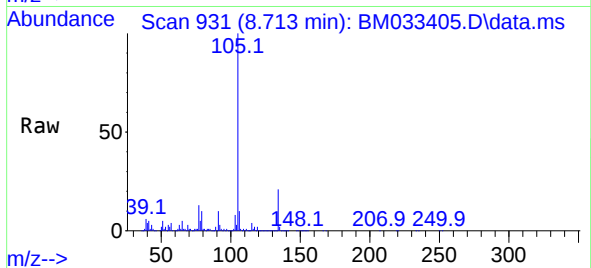
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Ion Ratio Lower Upper
136 100
137 15.0 8.6 13.0#
54 20.8 8.3 12.5#
68 19.9 5.0 7.6#



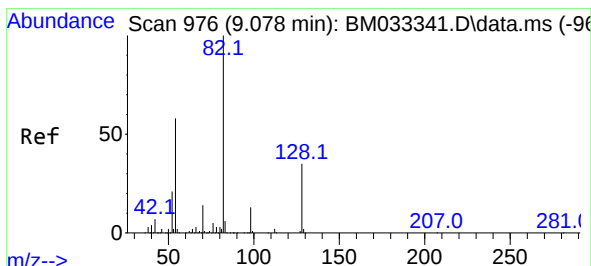
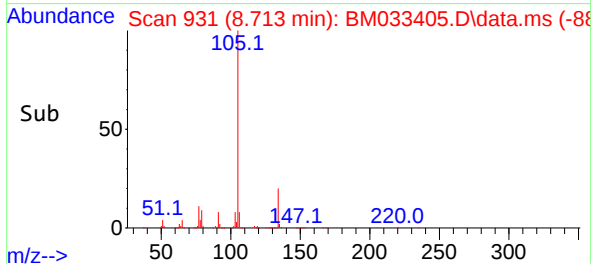
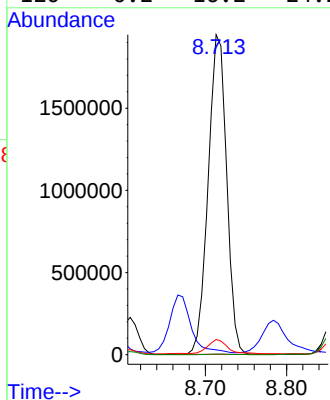


#22
Acetophenone
Concen: 325.768 ng
RT: 8.713 min Scan# 918
Delta R.T. -0.023 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Instrument :
BNA_M
ClientSampleId :

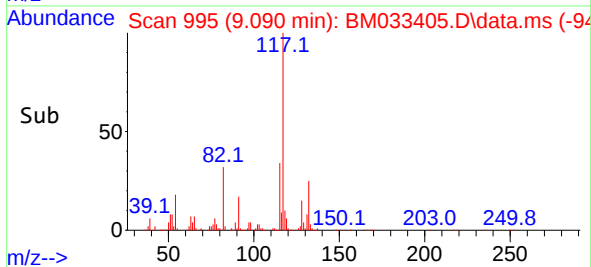
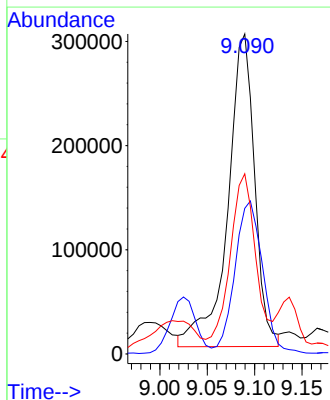
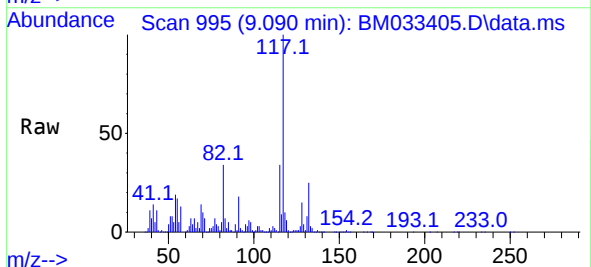


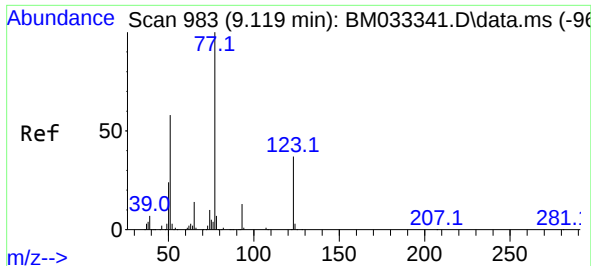
Tgt Ion:105 Resp: 3073581
Ion Ratio Lower Upper
105 100
71 1.5 1.6 2.4#
51 4.7 27.7 41.5#
120 0.2 16.2 24.2#



#23
Nitrobenzene-d5
Concen: 72.322 ng
RT: 9.090 min Scan# 995
Delta R.T. 0.012 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

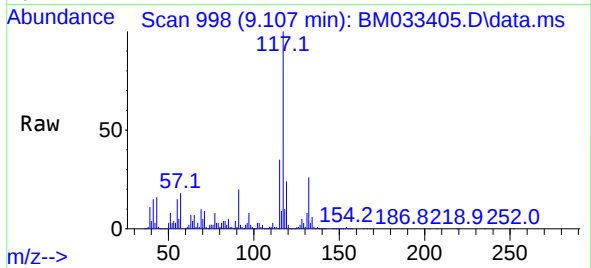
Tgt Ion: 82 Resp: 593972
Ion Ratio Lower Upper
82 100
128 45.5 28.1 42.1#
54 56.3 46.1 69.1



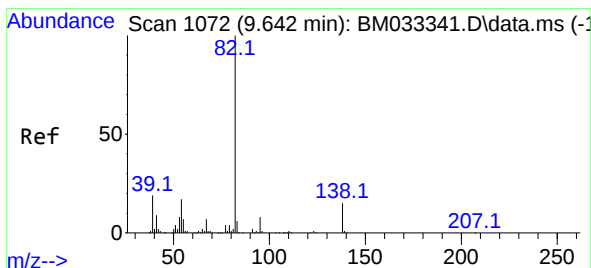
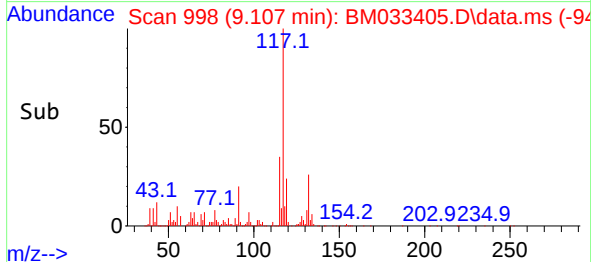
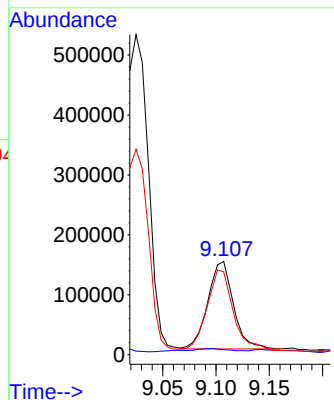


#24
Nitrobenzene
Concen: 30.999 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Instrument :
BNA_M
ClientSampleId :

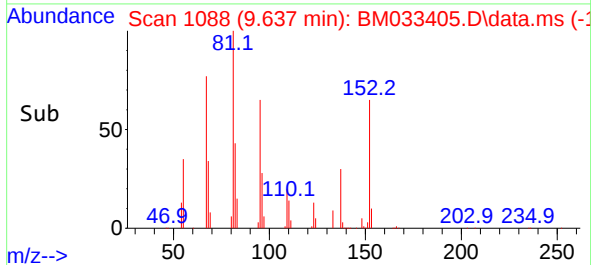
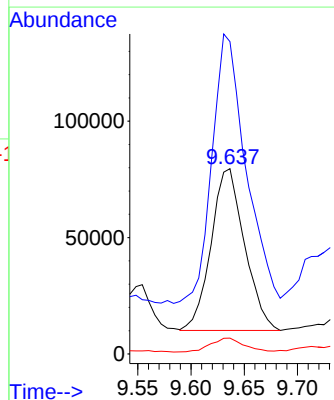
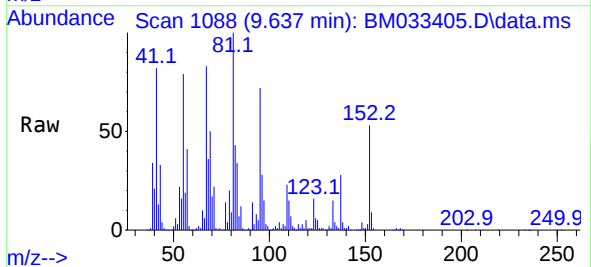


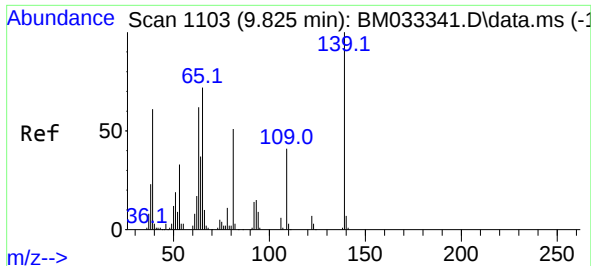
Tgt Ion: 77 Resp: 243664
Ion Ratio Lower Upper
77 100
123 5.2 29.8 44.8#
65 88.7 11.5 17.3#



#25
Isophorone
Concen: 12.212 ng
RT: 9.637 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion: 82 Resp: 152315
Ion Ratio Lower Upper
82 100
95 168.5 6.4 9.6#
138 8.6 12.4 18.6#

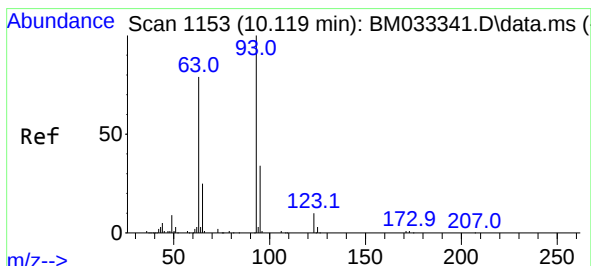
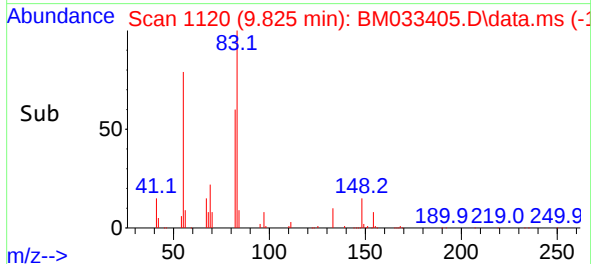
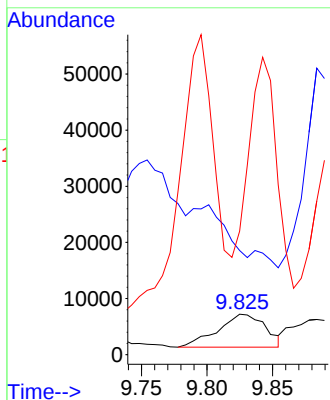
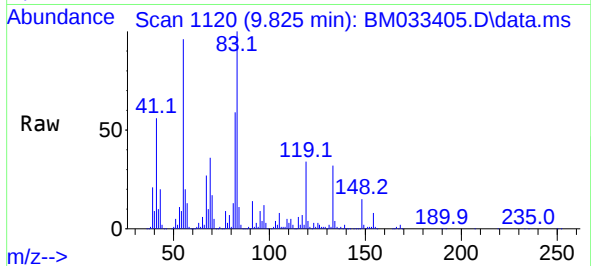




#26
2-Nitrophenol
Concen: 5.131 ng
RT: 9.825 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

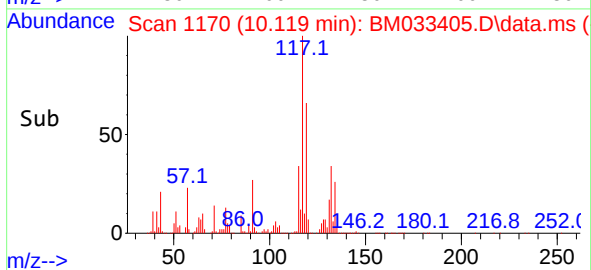
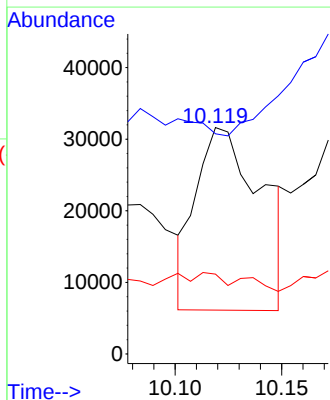
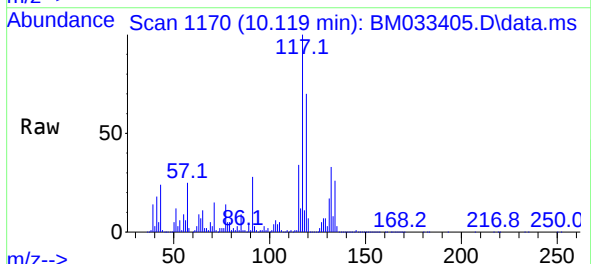
Instrument :
BNA_M
ClientSampleId :

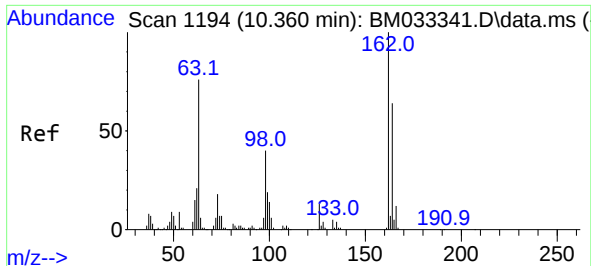
Tgt Ion:139 Resp: 14822
Ion Ratio Lower Upper
139 100
109 257.5 33.0 49.6#
65 305.0 57.2 85.8#



#28
bis(2-Chloroethoxy)methane
Concen: 6.907 ng
RT: 10.119 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion: 93 Resp: 54412
Ion Ratio Lower Upper
93 100
95 97.2 26.8 40.2#
123 35.3 8.0 12.0#





#29

2,4-Dichlorophenol

Concen: 3.790 ng

RT: 10.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BM033405.D

Acq: 10 Dec 2021 21:38

Instrument :

BNA_M

ClientSampleId :

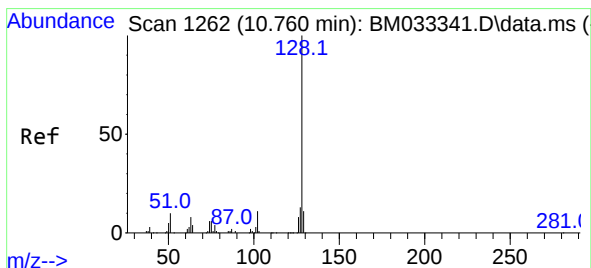
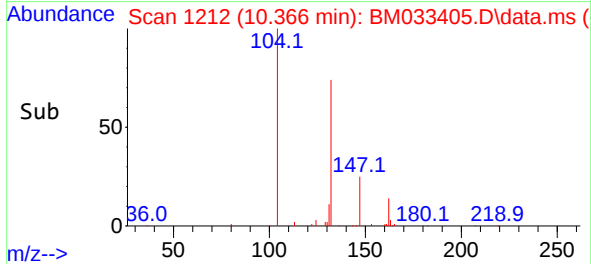
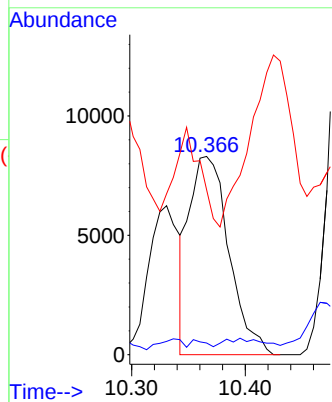
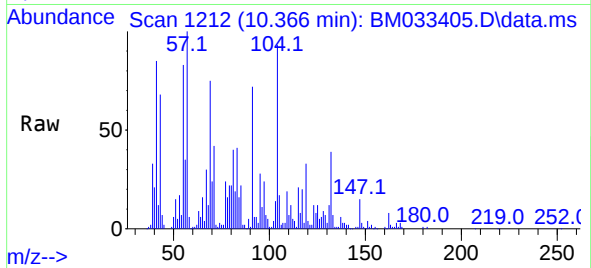
Tgt Ion:162 Resp: 20173

Ion Ratio Lower Upper

162 100

164 5.9 44.4 84.4#

98 83.2 19.6 59.6#



#31

Naphthalene

Concen: 459.782 ng

RT: 10.778 min Scan# 1282

Delta R.T. 0.018 min

Lab File: BM033405.D

Acq: 10 Dec 2021 21:38

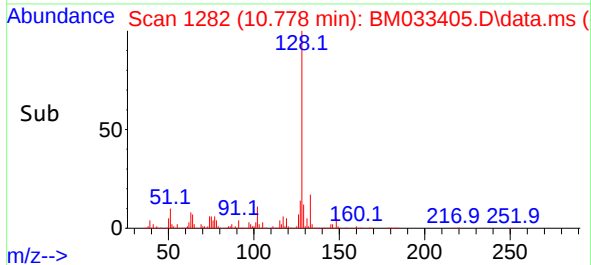
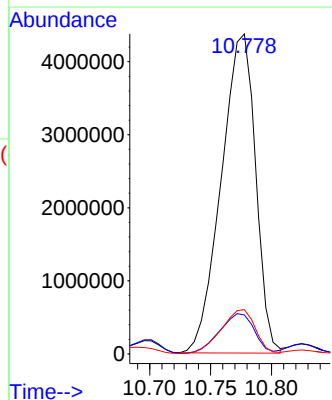
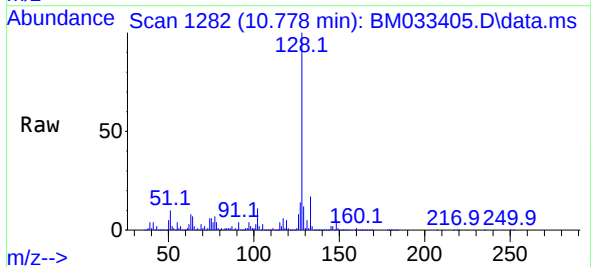
Tgt Ion:128 Resp: 8568945

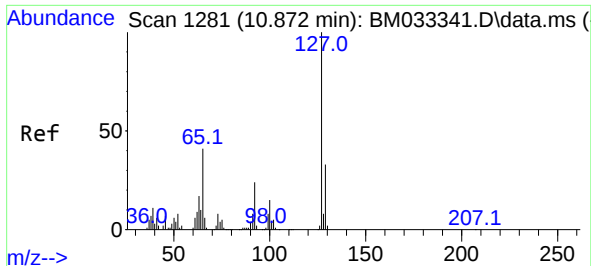
Ion Ratio Lower Upper

128 100

129 12.2 8.5 12.7

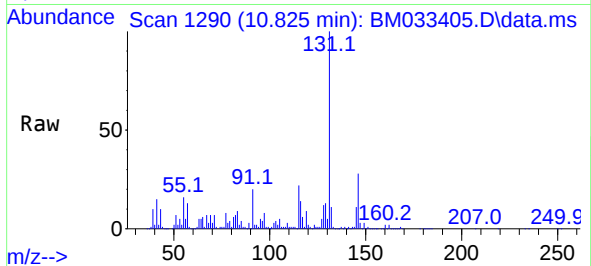
127 13.8 10.8 16.2



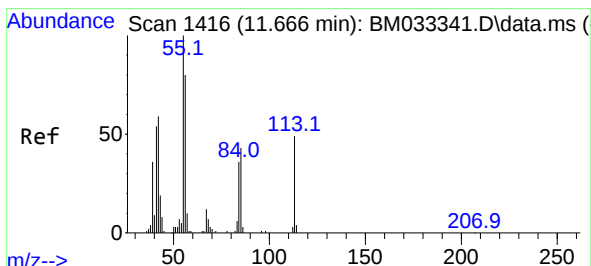
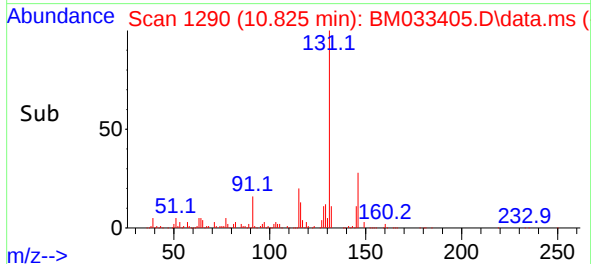
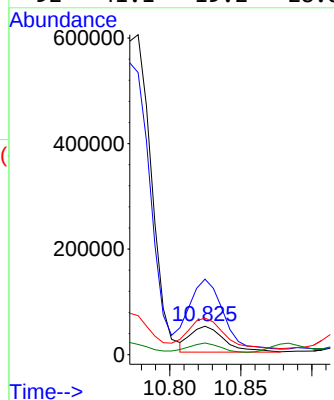


#33
4-Chloroaniline
Concen: 11.285 ng
RT: 10.825 min Scan# 11
Delta R.T. -0.047 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Instrument :
BNA_M
ClientSampleId :

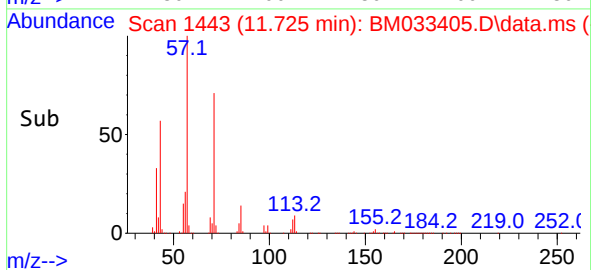
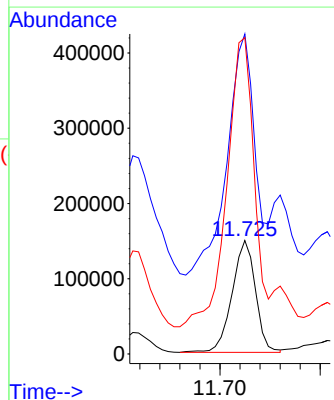
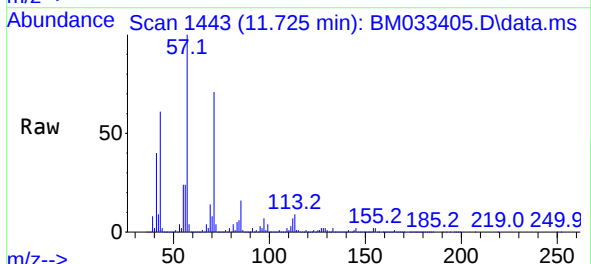


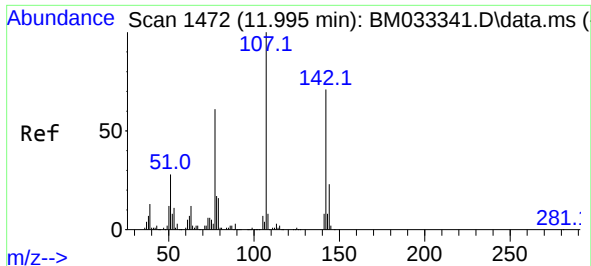
Tgt Ion:	127	Resp:	81547
Ion	Ratio	Lower	Upper
127	100		
129	265.0	26.2	39.4#
65	128.8	33.0	49.6#
92	41.1	19.2	28.8#



#35
Caprolactam
Concen: 232.828 ng
RT: 11.725 min Scan# 1443
Delta R.T. 0.059 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion:	113	Resp:	241495
Ion	Ratio	Lower	Upper
113	100		
55	282.2	183.6	223.6#
56	278.9	143.7	183.7#

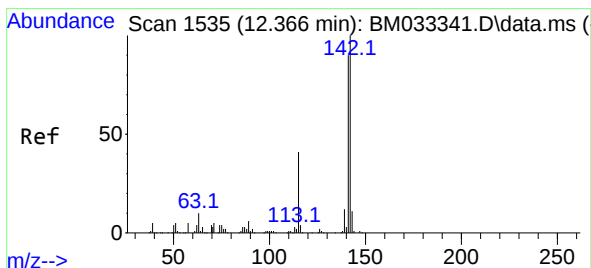
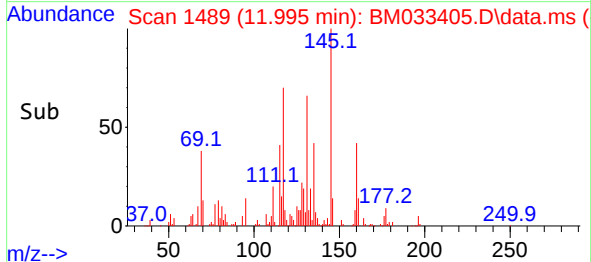
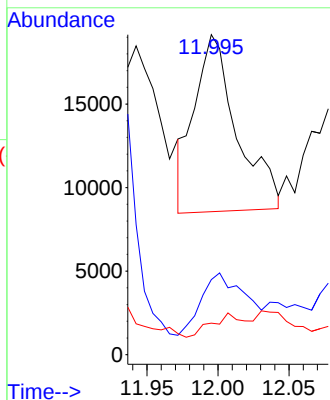
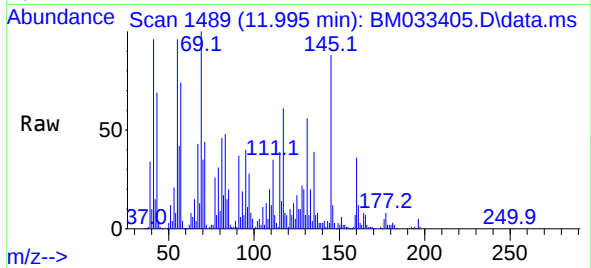




#36
4-Chloro-3-methylphenol
Concen: 3.469 ng
RT: 11.995 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

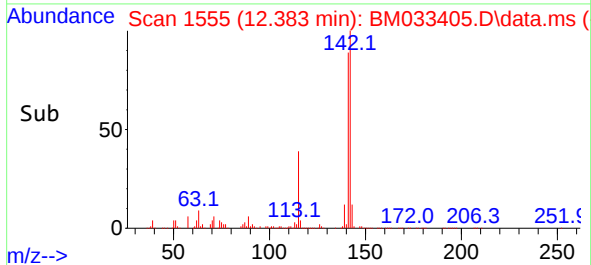
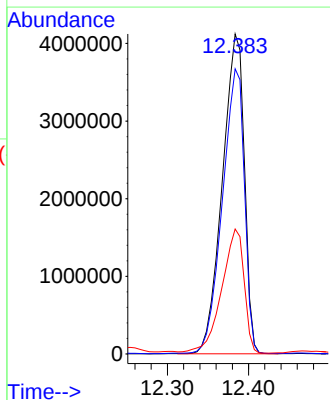
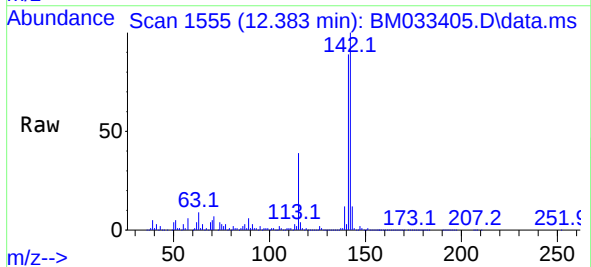
Instrument :
BNA_M
ClientSampleId :

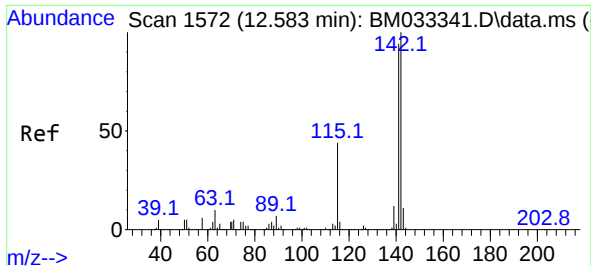
Tgt Ion:107 Resp: 22179
Ion Ratio Lower Upper
107 100
144 23.4 18.6 27.8
142 9.9 56.9 85.3#



#37
2-Methylnaphthalene
Concen: 607.364 ng
RT: 12.383 min Scan# 1555
Delta R.T. 0.018 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion:142 Resp: 7737758
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2
115 39.1 33.0 49.6

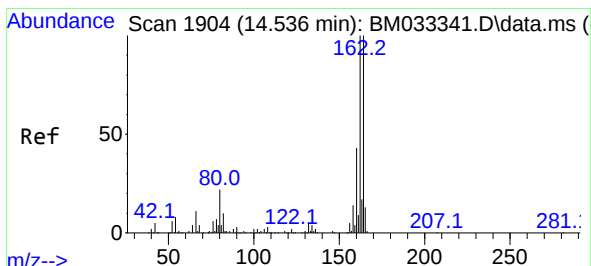
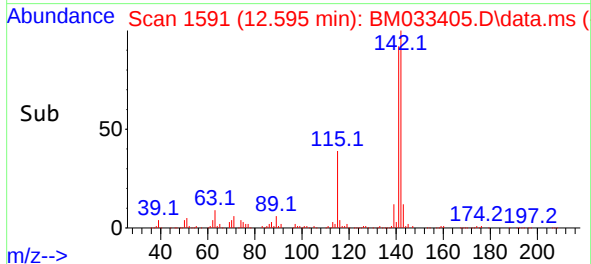
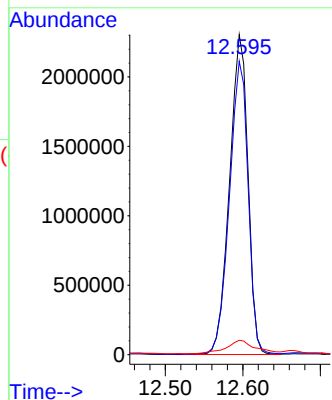
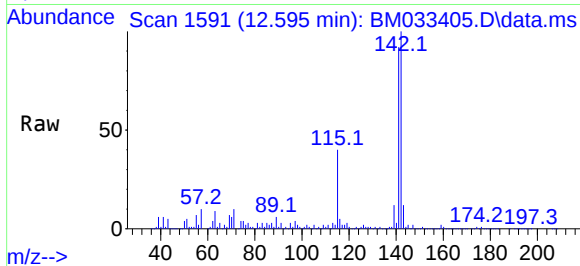




#38
1-Methylnaphthalene
Concen: 303.586 ng
RT: 12.595 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

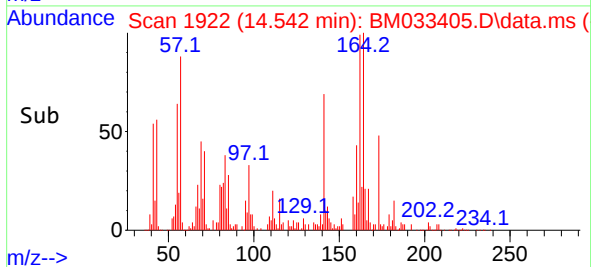
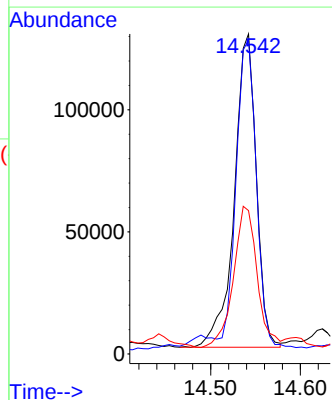
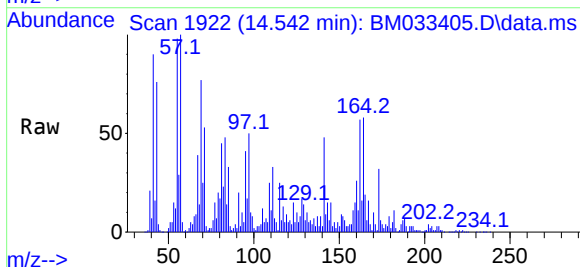
Instrument :
BNA_M
ClientSampleId :

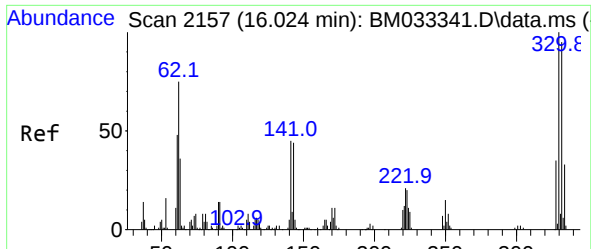
Tgt Ion:142 Resp: 3813883
Ion Ratio Lower Upper
142 100
141 91.7 75.0 112.4
116 4.5 3.5 5.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.542 min Scan# 1922
Delta R.T. 0.006 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

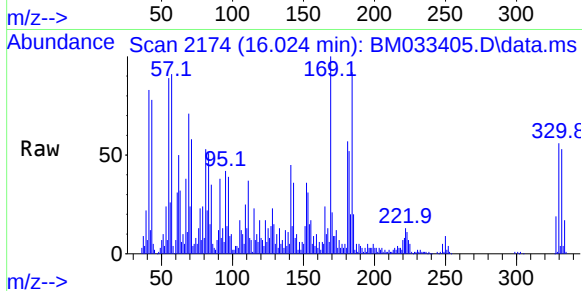
Tgt Ion:164 Resp: 218275
Ion Ratio Lower Upper
164 100
162 98.1 79.7 119.5
160 44.8 34.2 51.4



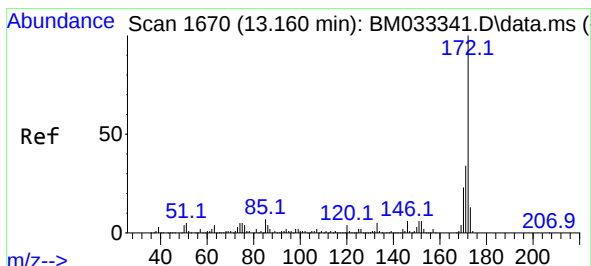
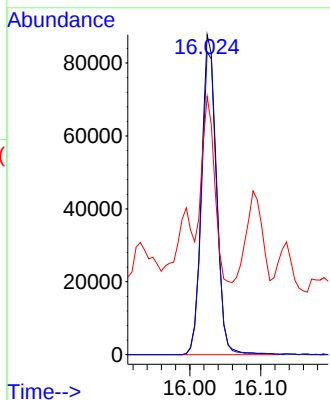
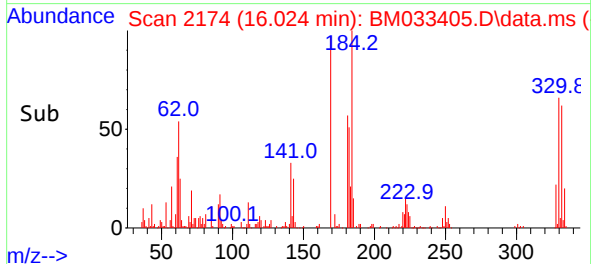


#42
2,4,6-Tribromophenol
Concen: 55.285 ng
RT: 16.024 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

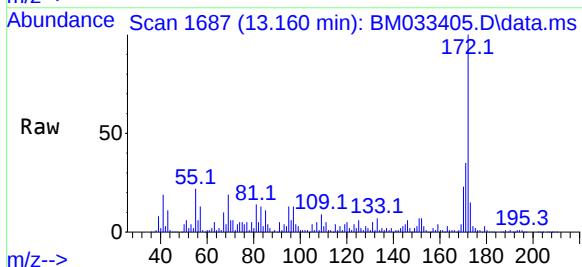
Instrument :
BNA_M
ClientSampleId :



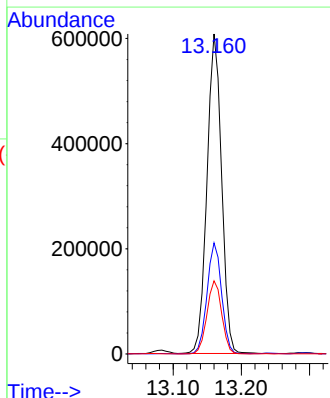
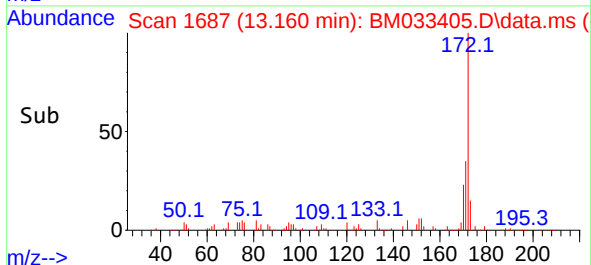
Tgt Ion:330 Resp: 129088
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 50.0 35.9 53.9

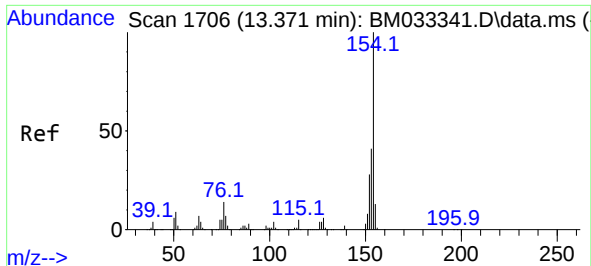


#45
2-Fluorobiphenyl
Concen: 57.400 ng
RT: 13.160 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38



Tgt Ion:172 Resp: 905773
Ion Ratio Lower Upper
172 100
171 34.7 27.2 40.8
170 22.9 18.7 28.1





#46

1,1'-Biphenyl

Concen: 31.150 ng

RT: 13.372 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM033405.D

Acq: 10 Dec 2021 21:38

Instrument :

BNA_M

ClientSampleId :

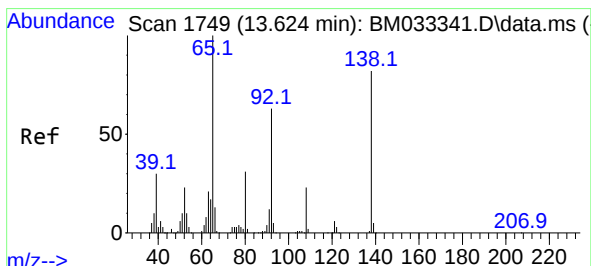
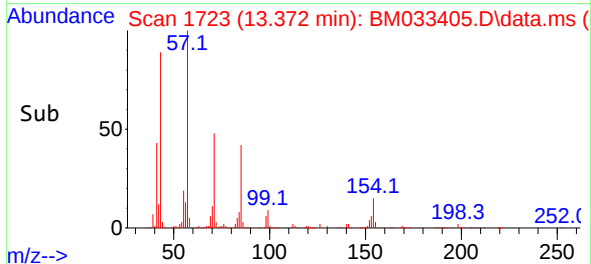
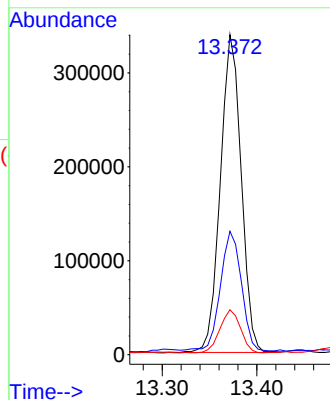
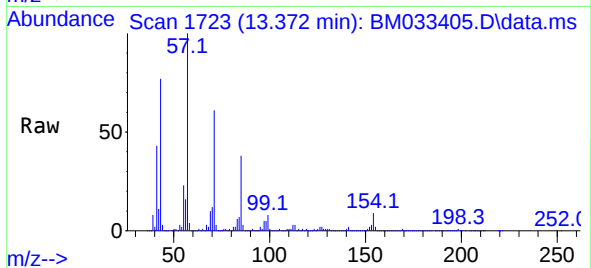
Tgt Ion:154 Resp: 517874

Ion Ratio Lower Upper

154 100

153 38.5 20.7 60.7

76 14.0 0.0 34.4



#48

2-Nitroaniline

Concen: 2.054 ng

RT: 13.642 min Scan# 1769

Delta R.T. 0.018 min

Lab File: BM033405.D

Acq: 10 Dec 2021 21:38

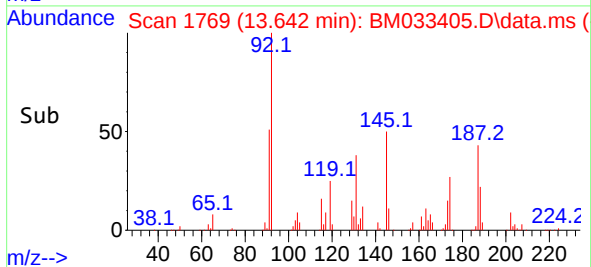
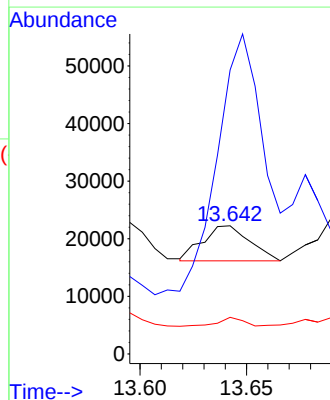
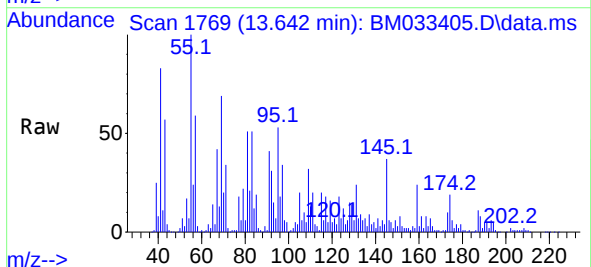
Tgt Ion: 65 Resp: 9288

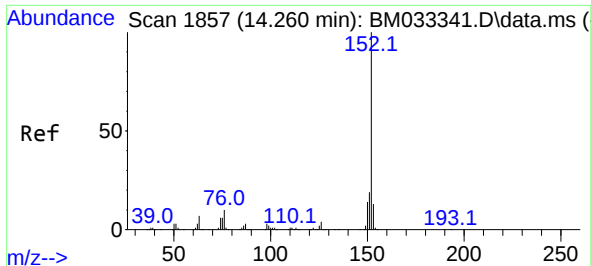
Ion Ratio Lower Upper

65 100

92 221.5 50.0 75.0#

138 28.6 65.7 98.5#

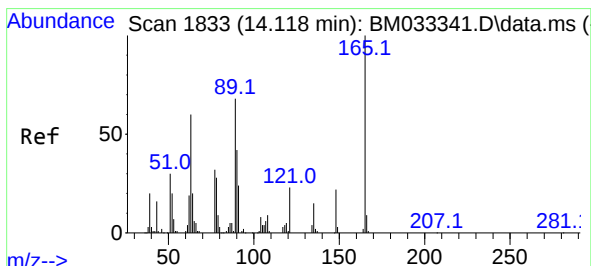
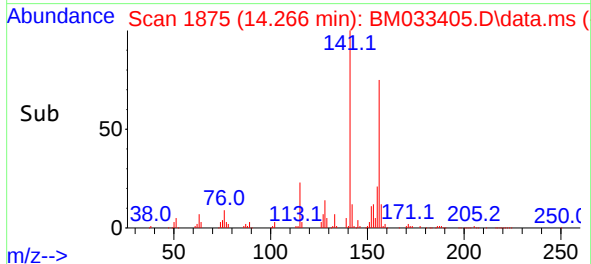
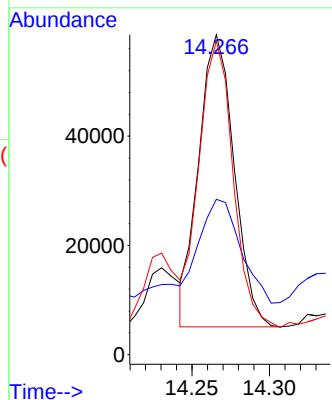
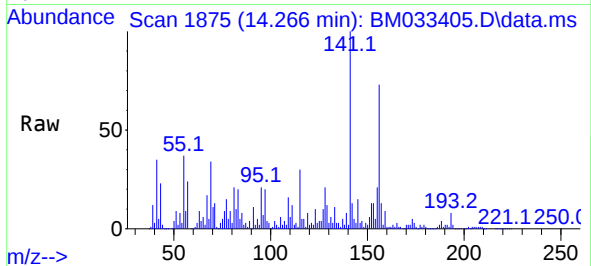




#49
Acenaphthylene
Concen: 4.236 ng
RT: 14.266 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

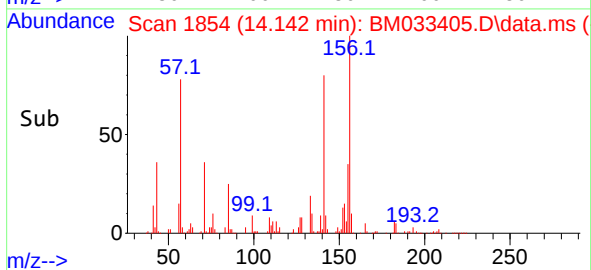
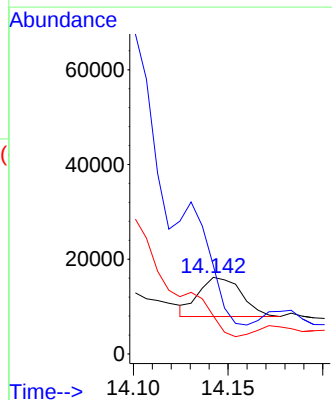
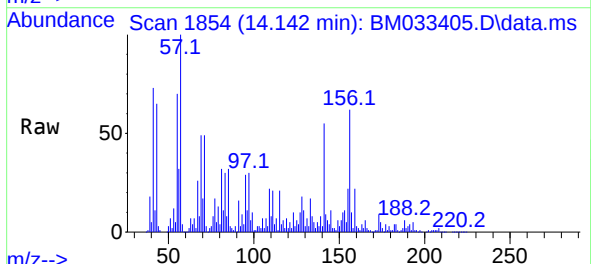
Instrument :
BNA_M
ClientSampleId :

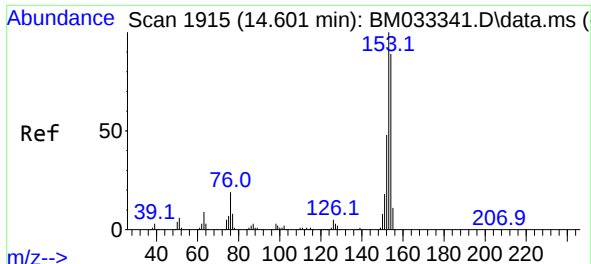
Tgt Ion:152 Resp: 84965
Ion Ratio Lower Upper
152 100
151 48.6 15.4 23.2#
153 98.0 10.4 15.6#



#51
2,6-Dinitrotoluene
Concen: 3.981 ng
RT: 14.142 min Scan# 1854
Delta R.T. 0.024 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion:165 Resp: 12880
Ion Ratio Lower Upper
165 100
63 115.5 56.9 85.3#
89 49.8 54.3 81.5#

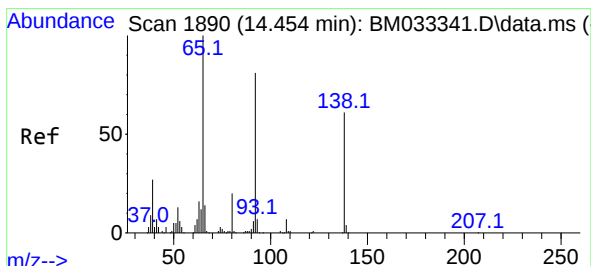
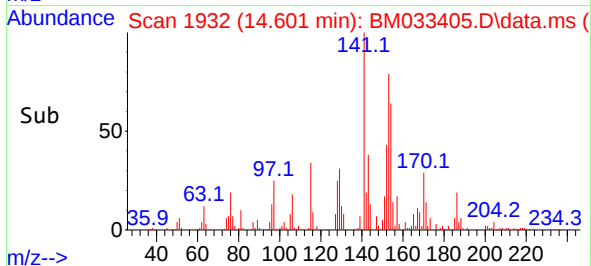
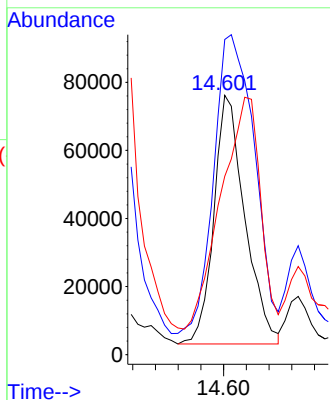
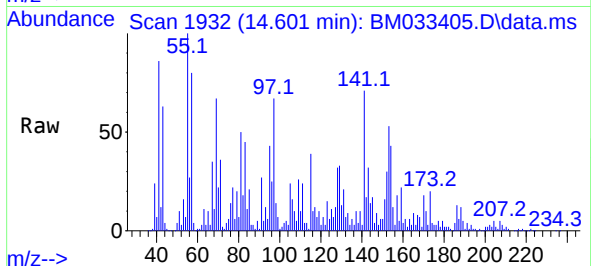




#52
Acenaphthene
Concen: 11.381 ng
RT: 14.601 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

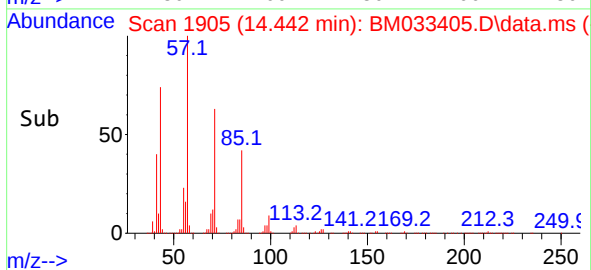
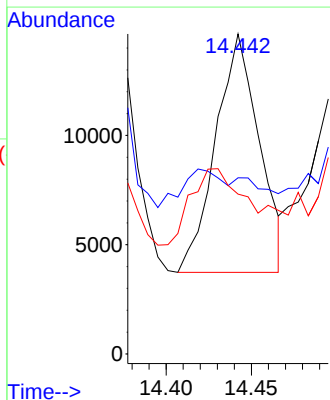
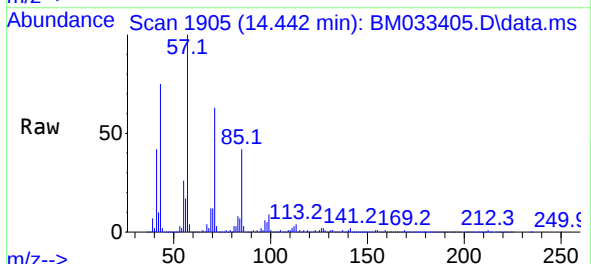
Instrument :
BNA_M
ClientSampleId :

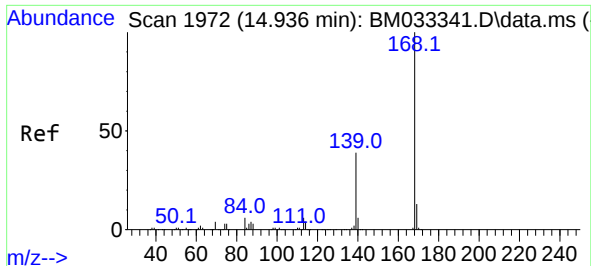
Tgt Ion:154 Resp: 138419
Ion Ratio Lower Upper
154 100
153 121.5 90.2 135.4
152 68.8 43.5 65.3#



#53
3-Nitroaniline
Concen: 5.763 ng
RT: 14.442 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion:138 Resp: 19426
Ion Ratio Lower Upper
138 100
108 55.0 9.5 14.3#
92 49.9 106.6 159.8#

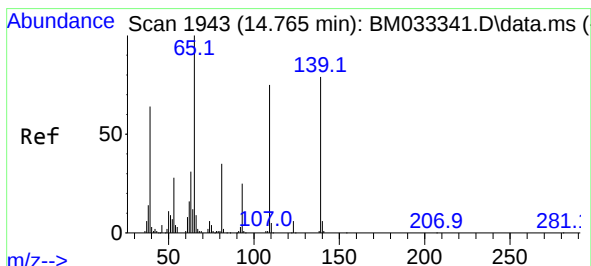
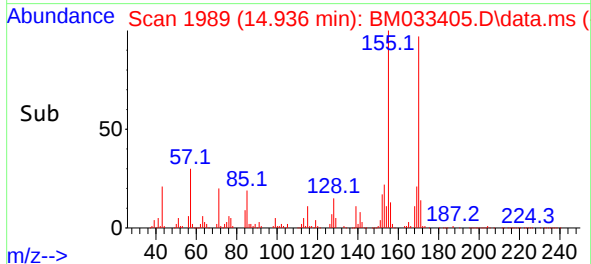
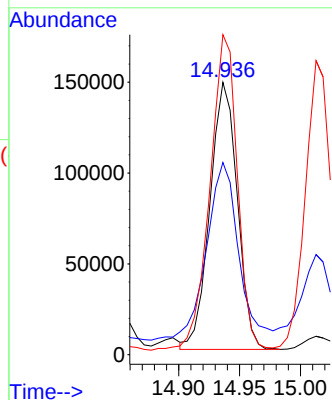
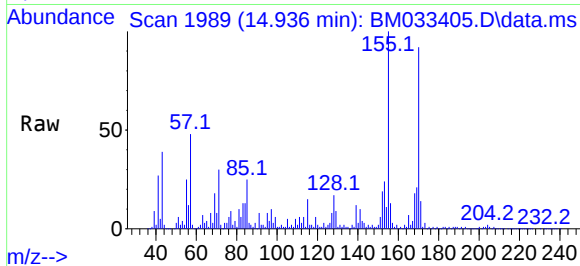




#55
Dibenzenofuran
Concen: 11.383 ng
RT: 14.936 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

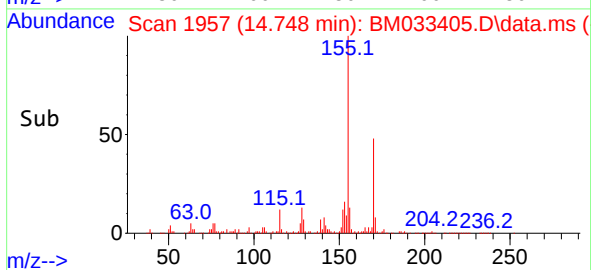
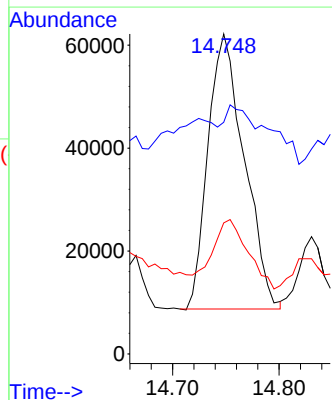
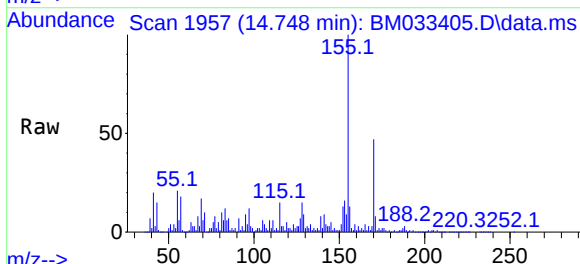
Instrument :
BNA_M
ClientSampleId :

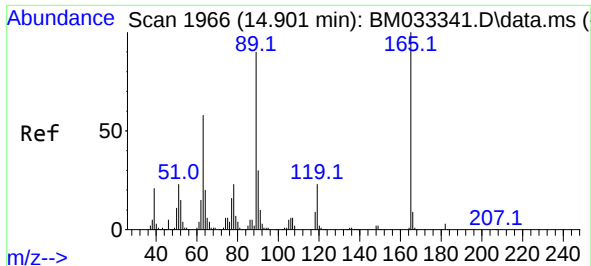
Tgt Ion:168 Resp: 230124
Ion Ratio Lower Upper
168 100
139 70.6 31.4 47.2#
169 117.5 10.6 15.8#



#56
4-Nitrophenol
Concen: 49.681 ng
RT: 14.748 min Scan# 1957
Delta R.T. -0.017 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion:139 Resp: 126403
Ion Ratio Lower Upper
139 100
109 72.4 75.3 115.3#
65 41.0 107.4 147.4#





#57

2,4-Dinitrotoluene

Concen: 6.725 ng

RT: 14.895 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BM033405.D

Acq: 10 Dec 2021 21:38

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:165 Resp: 28685

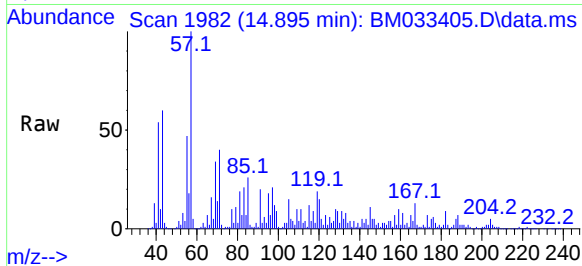
Ion Ratio Lower Upper

165 100

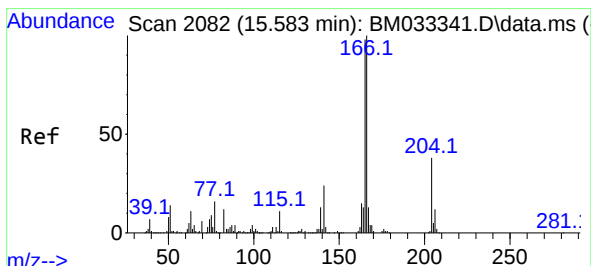
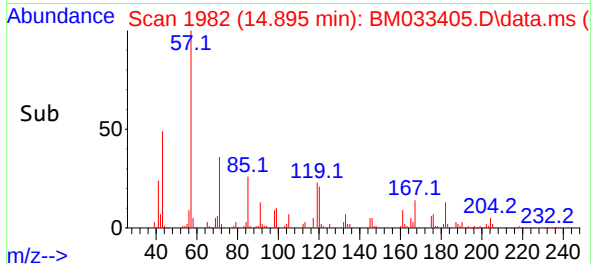
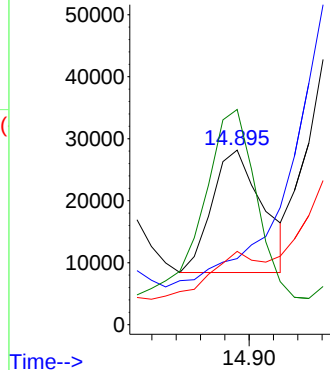
63 37.9 46.2 69.4#

89 42.0 72.0 108.0#

182 123.2 2.2 3.4#



Abundance



#58

Fluorene

Concen: 22.347 ng

RT: 15.583 min Scan# 2099

Delta R.T. 0.000 min

Lab File: BM033405.D

Acq: 10 Dec 2021 21:38

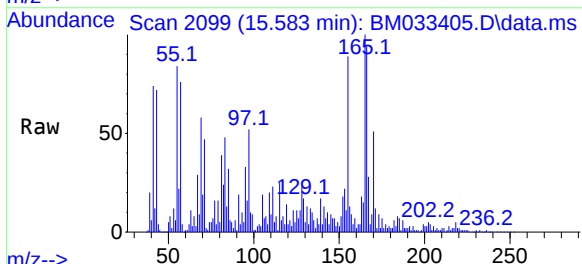
Tgt Ion:166 Resp: 355548

Ion Ratio Lower Upper

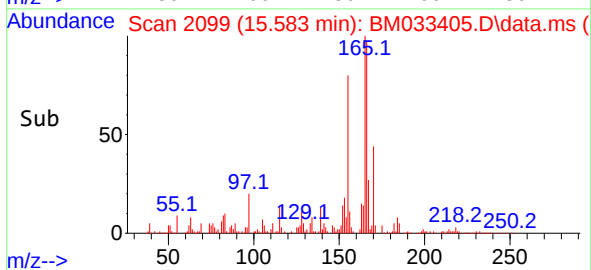
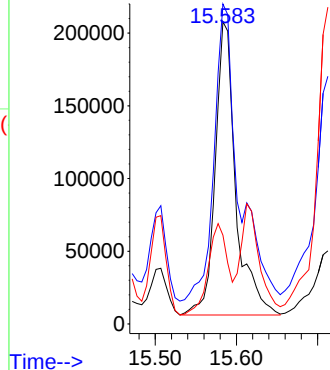
166 100

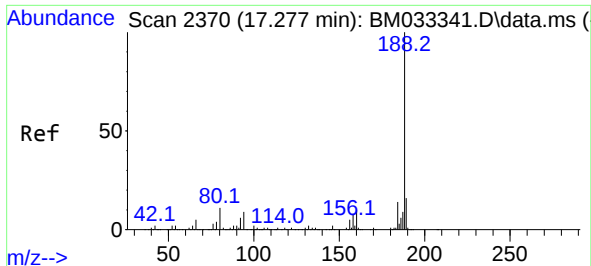
165 105.8 78.1 117.1

167 29.4 10.6 15.8#



Abundance

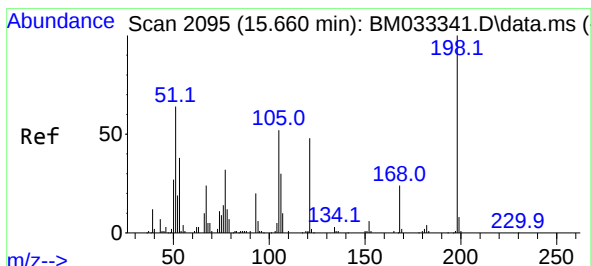
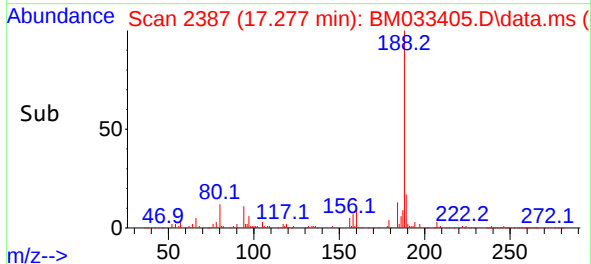
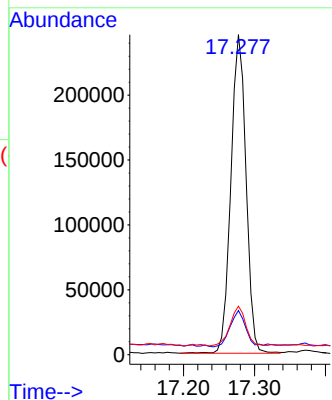
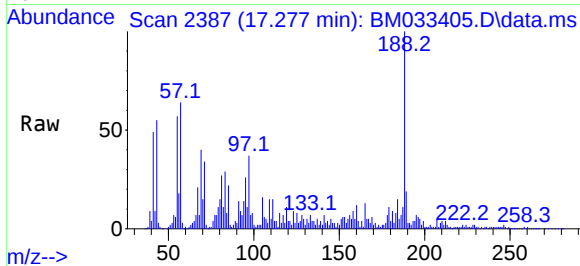




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.277 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

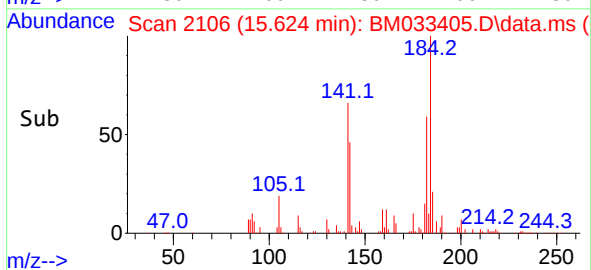
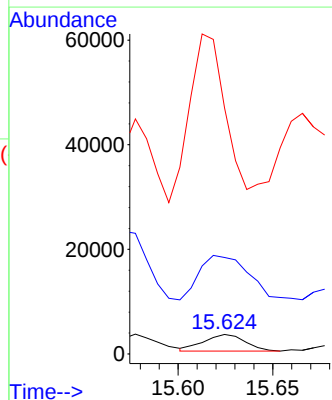
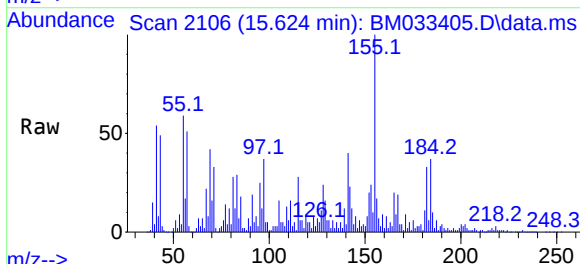
Instrument :
BNA_M
ClientSampleId :

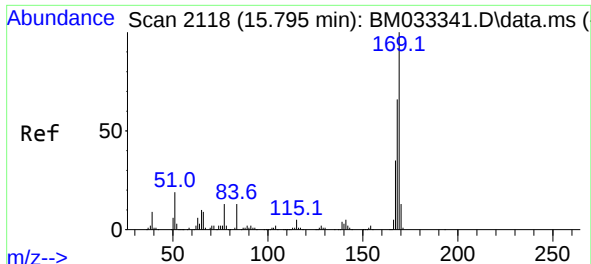
Tgt Ion:188 Resp: 363140
Ion Ratio Lower Upper
188 100
94 13.8 7.5 11.3#
80 15.1 8.9 13.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 2.365 ng
RT: 15.624 min Scan# 2106
Delta R.T. -0.035 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion:198 Resp: 4853
Ion Ratio Lower Upper
198 100
51 493.8 47.9 87.9#
105 1260.0 32.6 72.6#

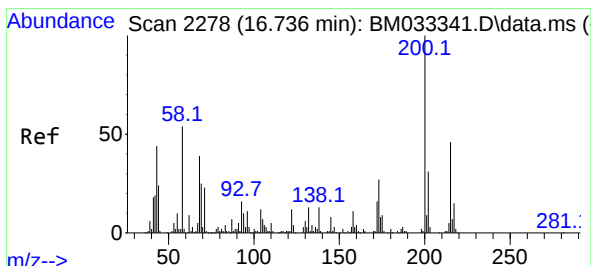
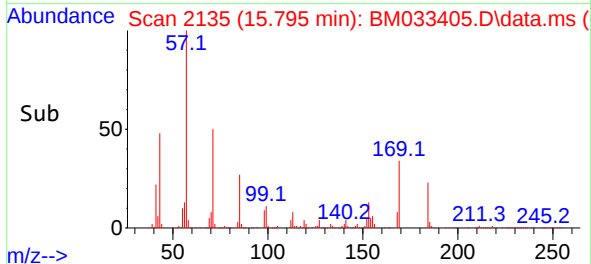
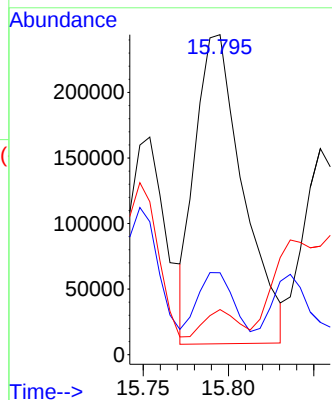
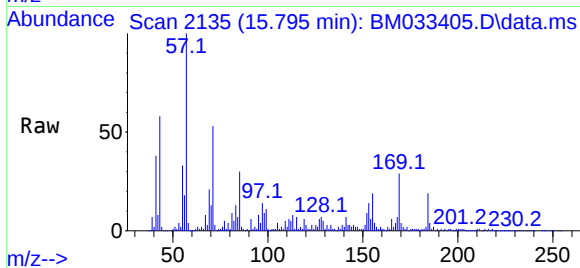




#66
n-Nitrosodiphenylamine
Concen: 41.824 ng
RT: 15.795 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

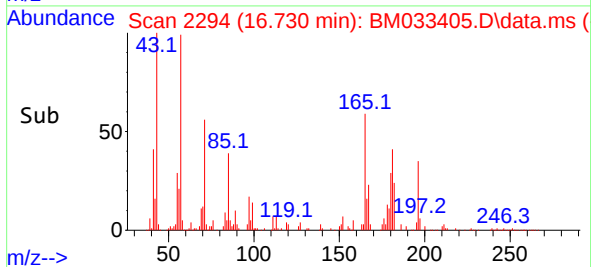
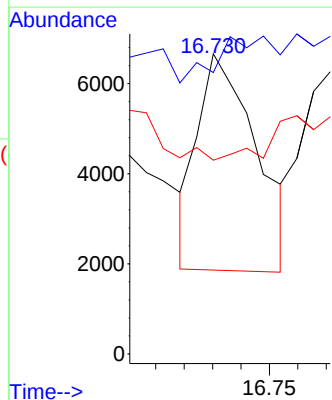
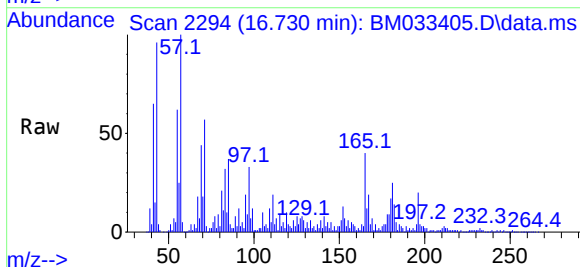
Instrument :
BNA_M
ClientSampleId :

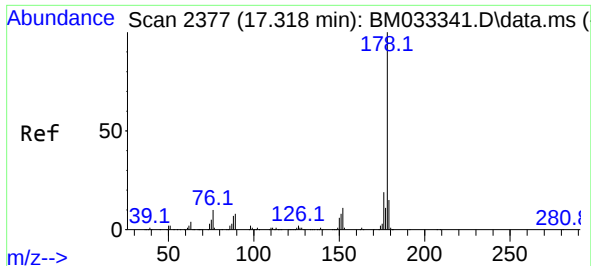
Tgt Ion:169 Resp: 459980
Ion Ratio Lower Upper
169 100
168 25.6 52.5 78.7#
167 14.1 28.4 42.6#



#69
Atrazine
Concen: 3.055 ng
RT: 16.730 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion:200 Resp: 6874
Ion Ratio Lower Upper
200 100
173 93.8 7.3 47.3#
215 64.6 25.7 65.7

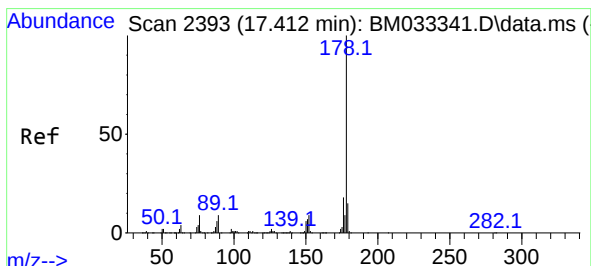
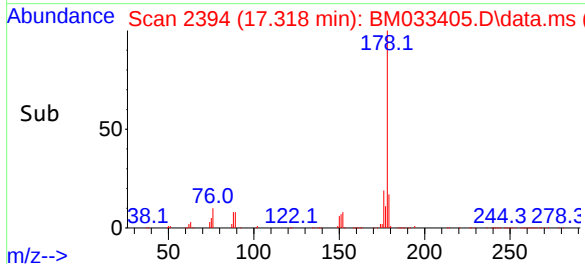
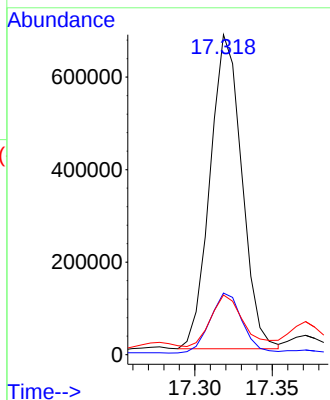
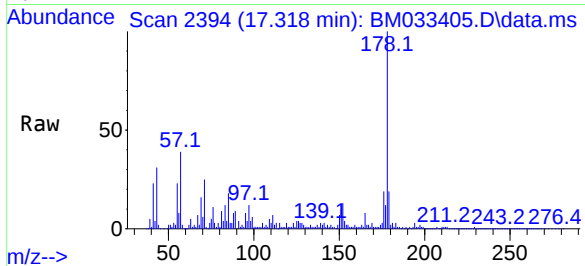




#71
Phenanthrene
Concen: 47.584 ng
RT: 17.318 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

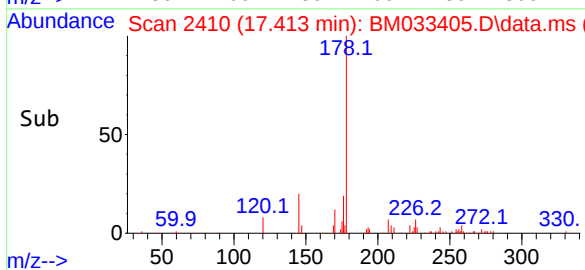
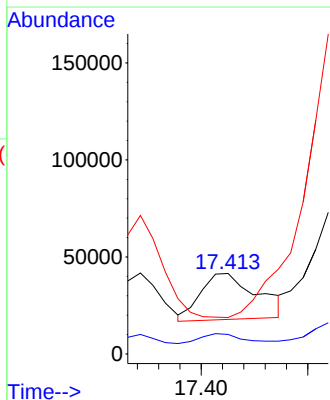
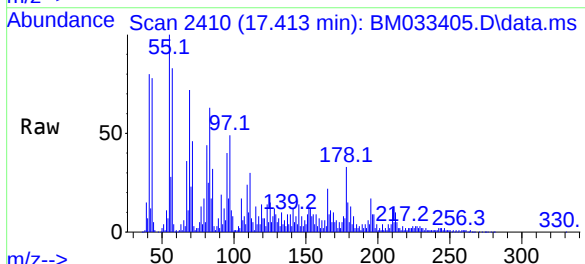
Instrument :
BNA_M
ClientSampleId :

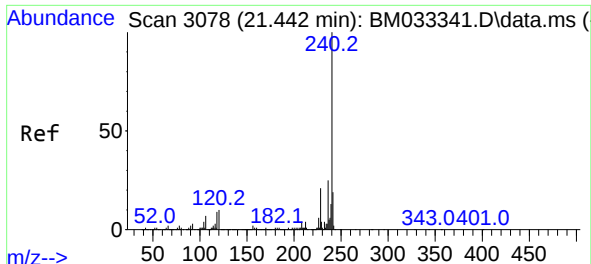
Tgt Ion:178 Resp: 967412
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 18.6 12.0 18.0#



#72
Anthracene
Concen: 2.204 ng
RT: 17.413 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

Tgt Ion:178 Resp: 43780
Ion Ratio Lower Upper
178 100
176 24.3 14.5 21.7#
179 45.2 11.9 17.9#

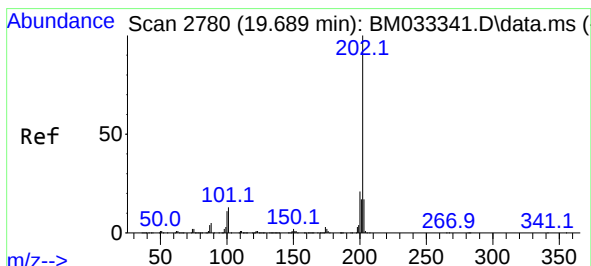
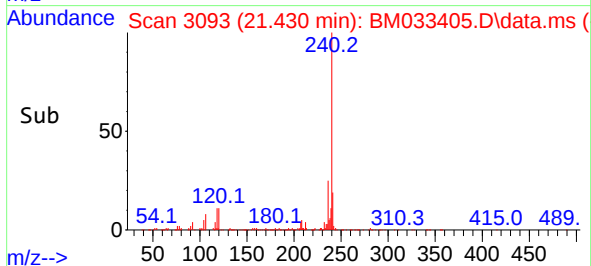
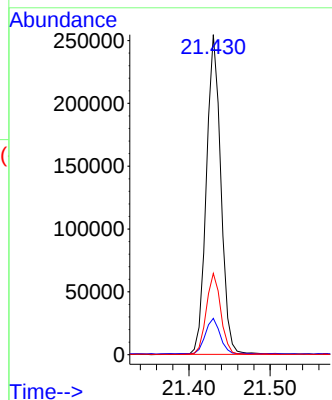
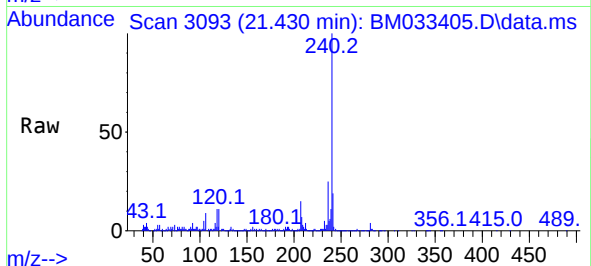




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 3078
Delta R.T. -0.012 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

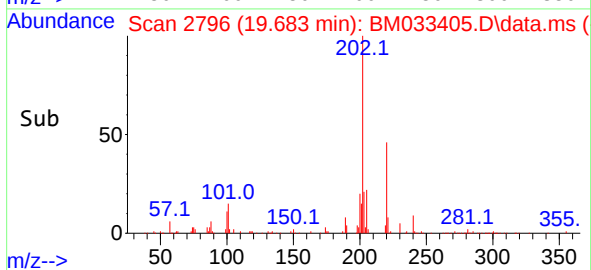
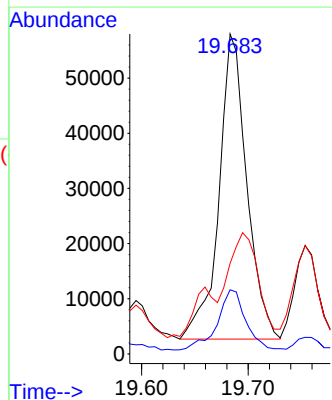
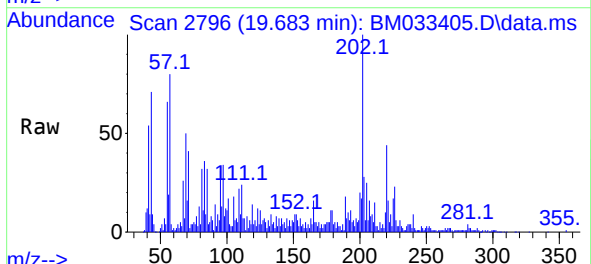
Instrument :
BNA_M
ClientSampleId :

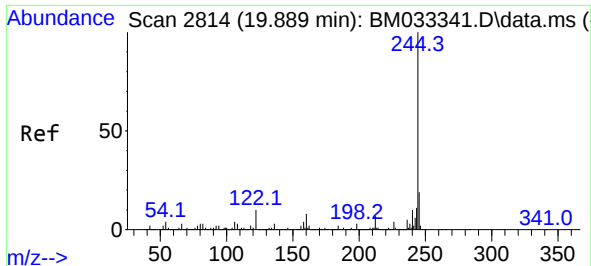
Tgt Ion:240 Resp: 314488
Ion Ratio Lower Upper
240 100
120 11.4 7.8 11.6
236 25.4 20.3 30.5



#78
Pyrene
Concen: 4.563 ng
RT: 19.683 min Scan# 2796
Delta R.T. -0.006 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

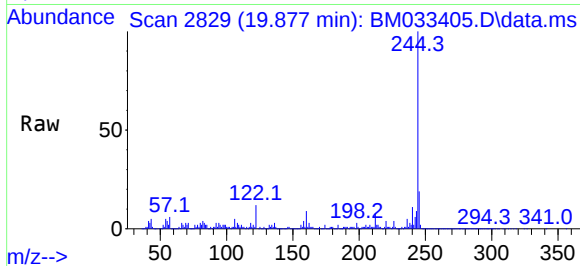
Tgt Ion:202 Resp: 100504
Ion Ratio Lower Upper
202 100
200 20.1 16.4 24.6
203 28.4 13.5 20.3#



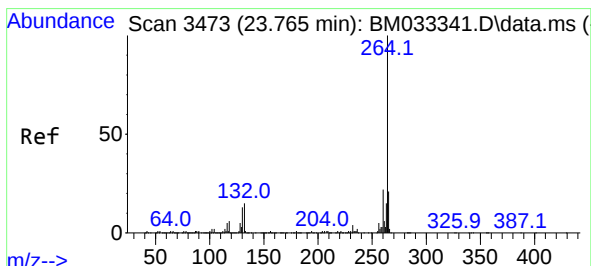
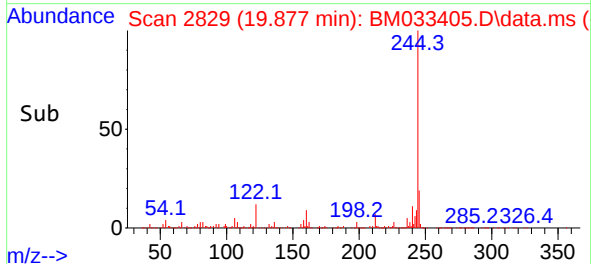
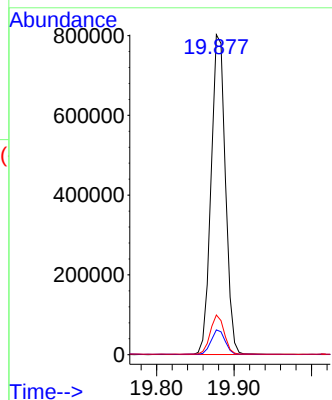


#79
 Terphenyl-d14
 Concen: 60.695 ng
 RT: 19.877 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033405.D
 Acq: 10 Dec 2021 21:38

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 1030285
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 12.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.747 min Scan# 3487
 Delta R.T. -0.017 min
 Lab File: BM033405.D
 Acq: 10 Dec 2021 21:38

Tgt Ion:264 Resp: 300395
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.7 26.5
 265 22.1 17.7 26.5

