

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033405.D
 Acq On : 10 Dec 2021 21:38
 Operator : CG/JU
 Sample : M4873-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A2-9-6.5

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)

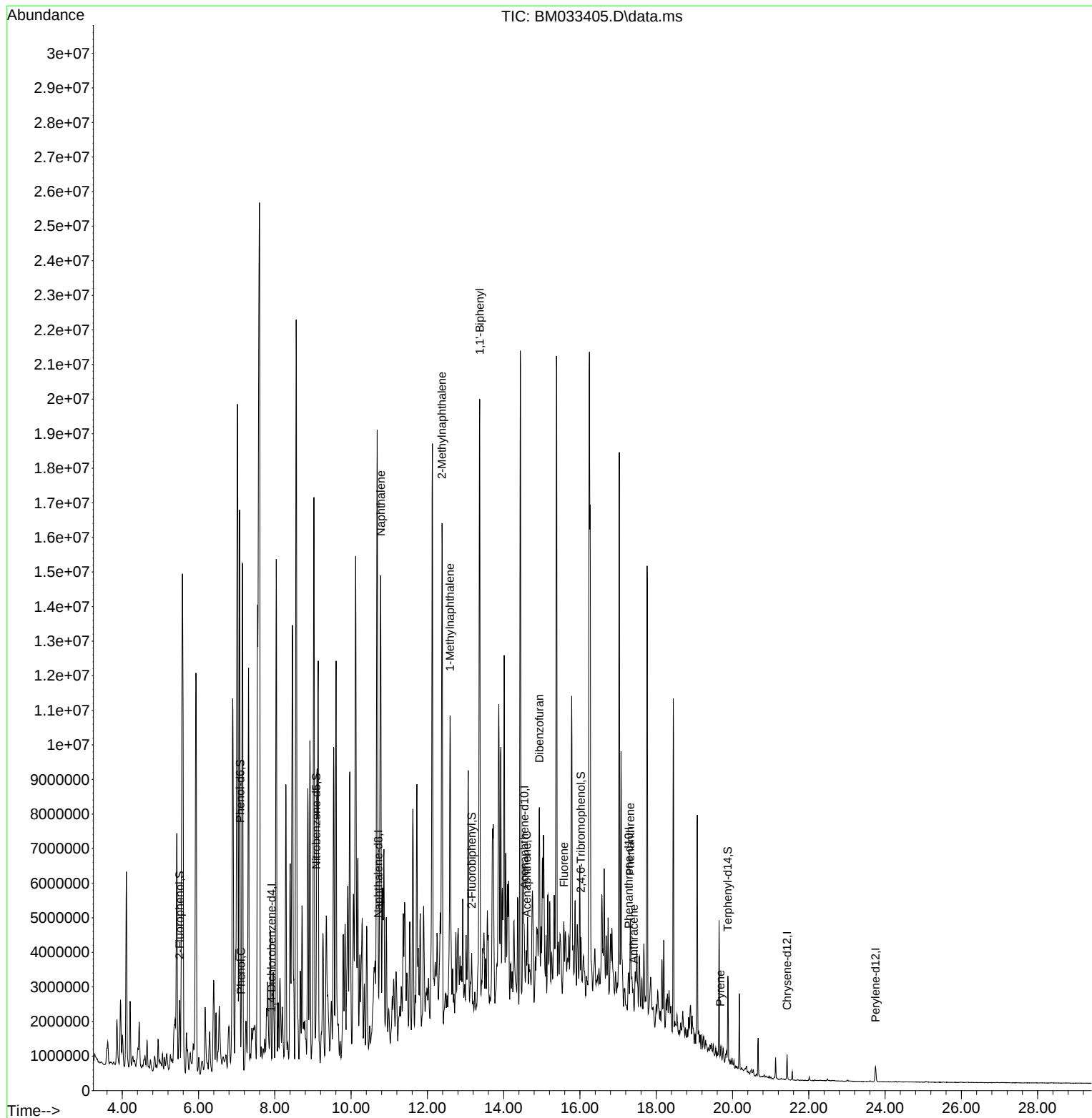
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	87377	20.000	ng	0.00
21) Naphthalene-d8	10.713	136	348721	20.000	ng	# 0.00
39) Acenaphthene-d10	14.542	164	218275	20.000	ng	0.00
64) Phenanthrene-d10	17.277	188	363140	20.000	ng	# 0.00
76) Chrysene-d12	21.430	240	314488	20.000	ng	-0.01
86) 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
10) Phenol	7.113	94	22008	2.969	ng	# 41
31) Naphthalene	10.778	128	8568945	459.782	ng	98
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
52) Acenaphthene	14.601	154	138419	11.381	ng	# 88
55) Dibenzofuran	14.936	168	230124	11.383	ng	# 1
58) Fluorene	15.583	166	355548	22.347	ng	# 88
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

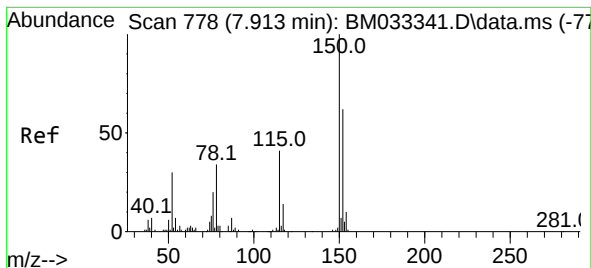
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
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QLast Update : Thu Dec 09 07:11:07 2021
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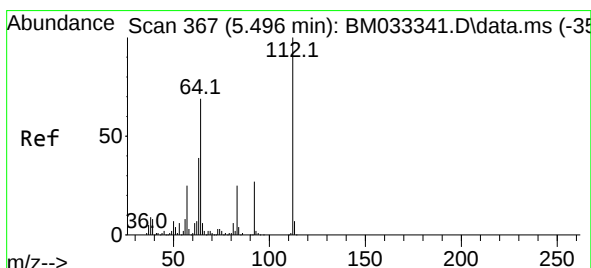
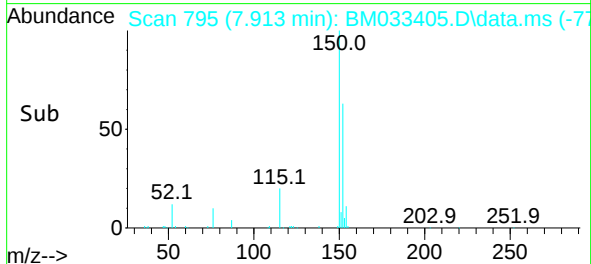
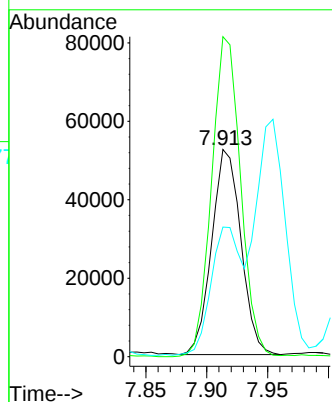
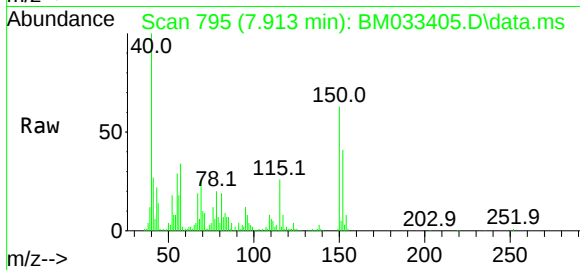




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.913 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BM033405.D
 Acq: 10 Dec 2021 21:38

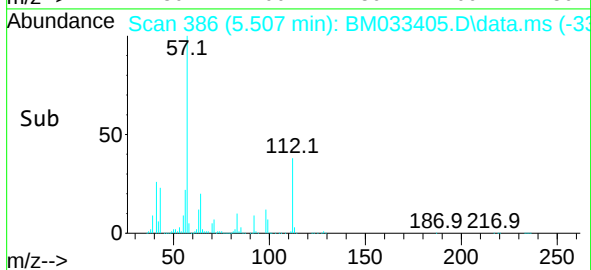
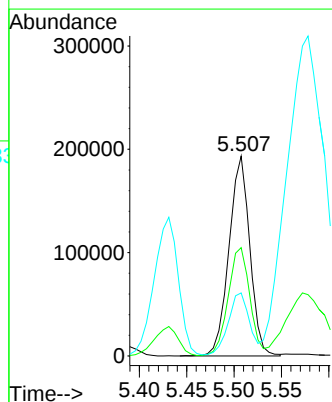
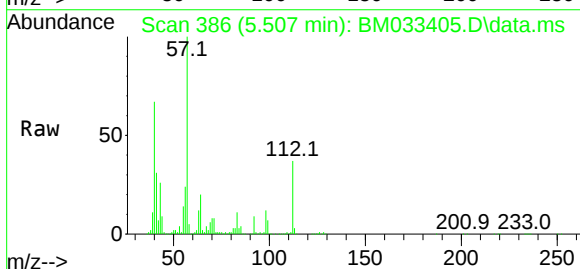
Instrument :
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 ClientSampleId :
 A2-9-6.5

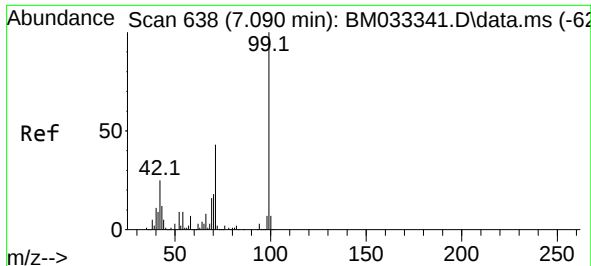
Tgt Ion:152 Resp: 87377
 Ion Ratio Lower Upper
 152 100
 150 154.4 128.9 193.3
 115 62.5 53.0 79.6



#5
 2-Fluorophenol
 Concen: 55.665 ng
 RT: 5.507 min Scan# 386
 Delta R.T. 0.012 min
 Lab File: BM033405.D
 Acq: 10 Dec 2021 21:38

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

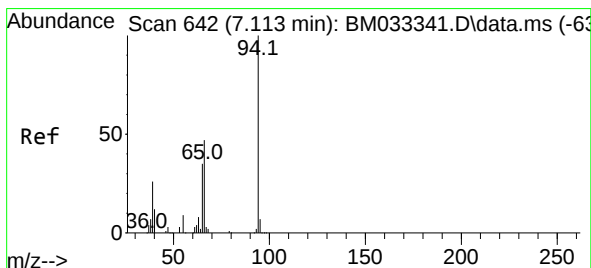
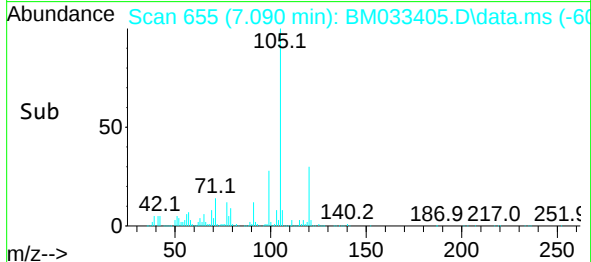
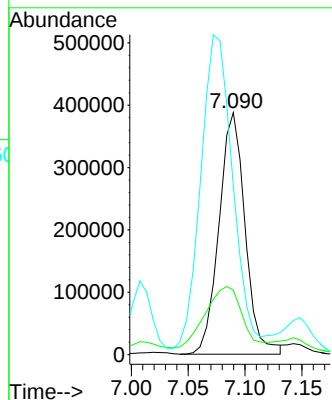
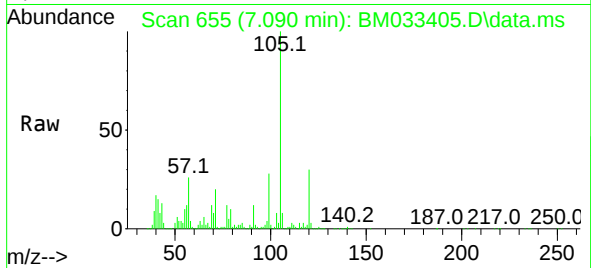




#7
Phenol-d6
Concen: 83.588 ng
RT: 7.090 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

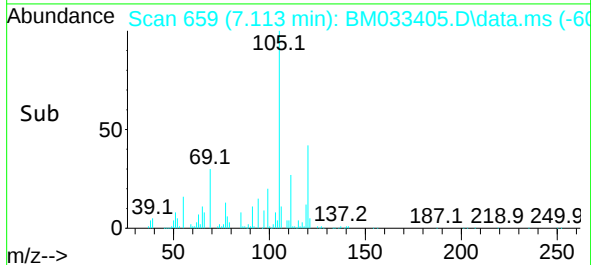
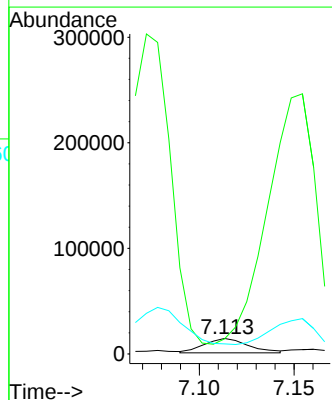
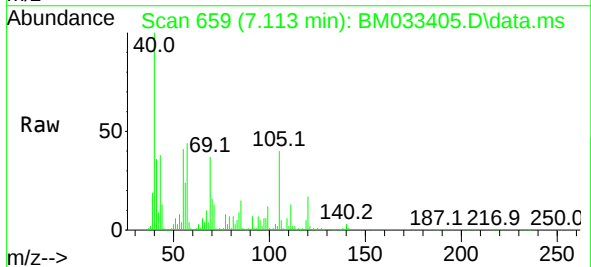
Instrument :
BNA_M
ClientSampleId :
A2-9-6.5

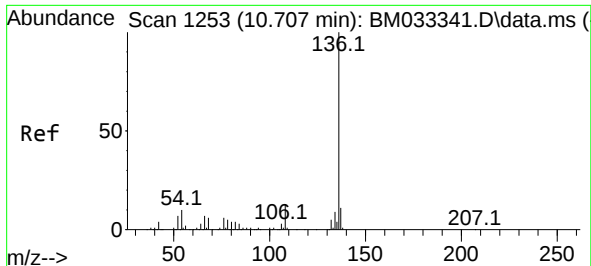
Tgt Ion: 99 Resp: 620759
Ion Ratio Lower Upper
99 100
42 26.7 20.3 30.5
71 69.8 34.5 51.7#



#10
Phenol
Concen: 2.969 ng
RT: 7.113 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

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

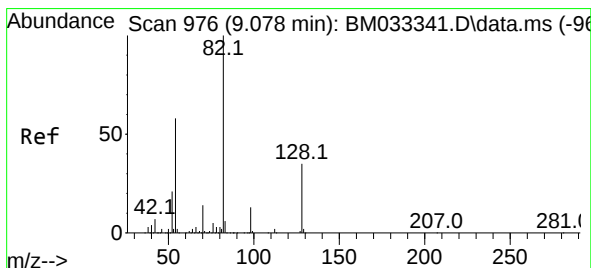
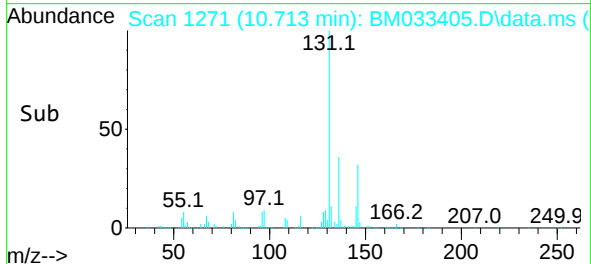
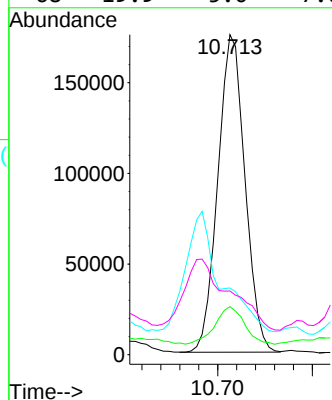
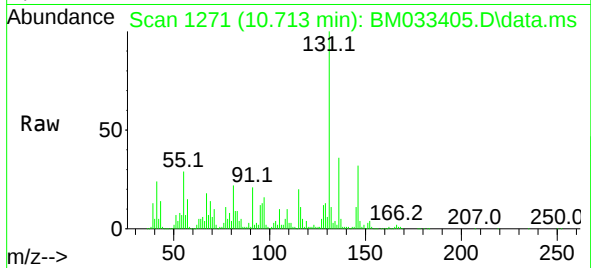




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.713 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

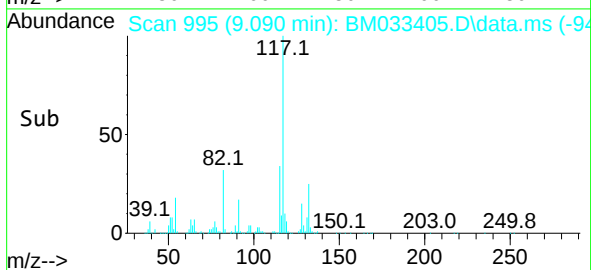
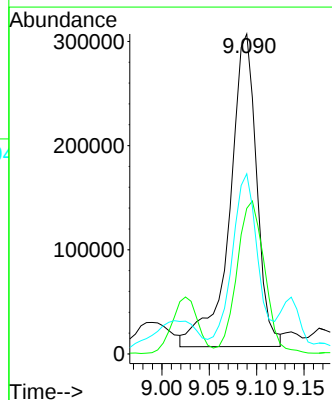
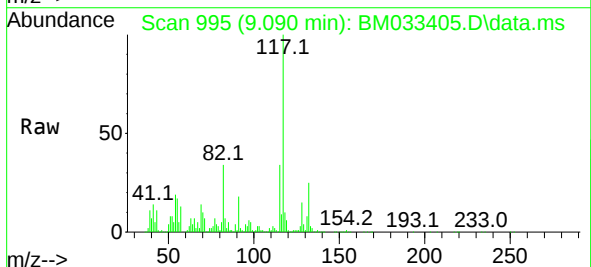
Instrument :
BNA_M
ClientSampleId :
A2-9-6.5

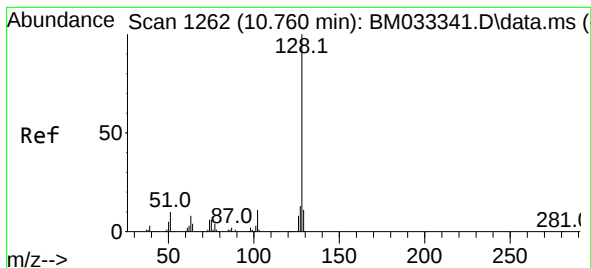
Tgt Ion:136 Resp: 348721
Ion Ratio Lower Upper
136 100
137 15.0 8.6 13.0#
54 20.8 8.3 12.5#
68 19.9 5.0 7.6#



#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

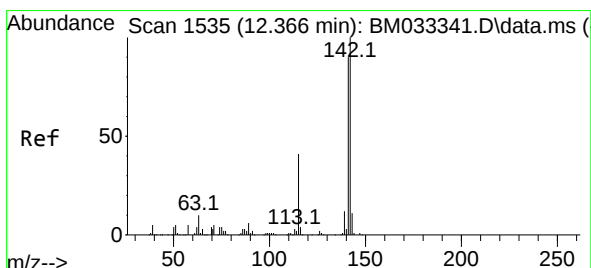
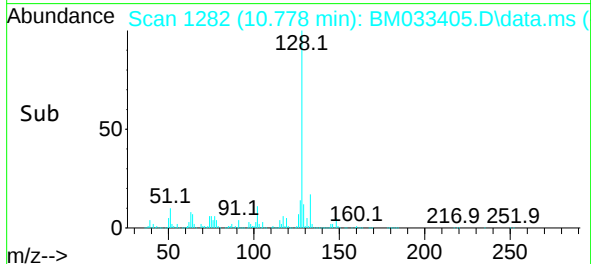
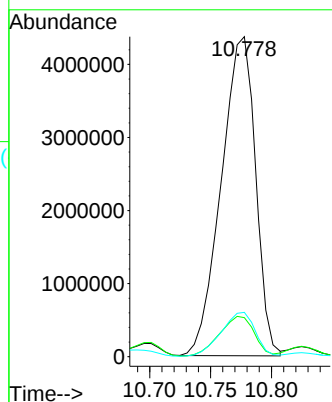
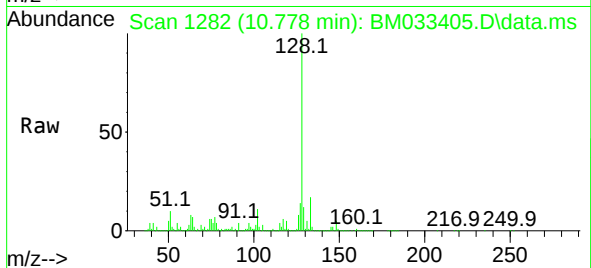




#31
Naphthalene
Concen: 459.782 ng
RT: 10.778 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

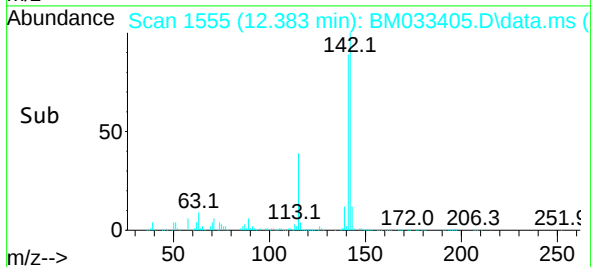
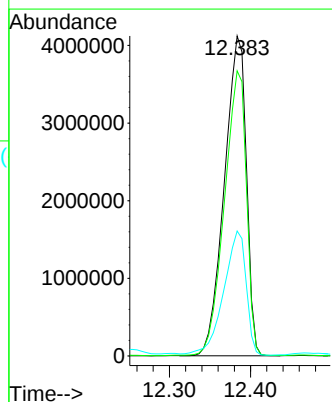
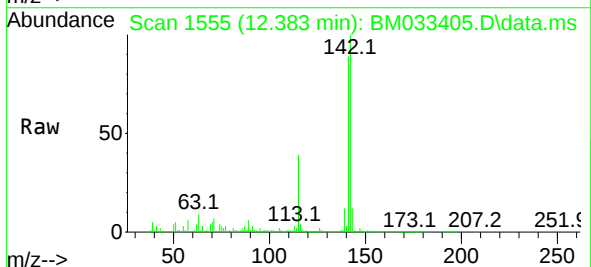
Instrument :
BNA_M
ClientSampleId :
A2-9-6.5

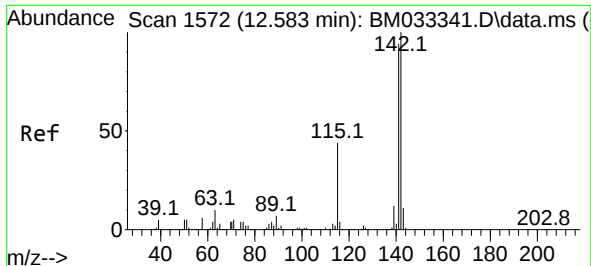
Tgt Ion:128 Resp: 8568945
Ion Ratio Lower Upper
128 100
129 12.2 8.5 12.7
127 13.8 10.8 16.2



#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

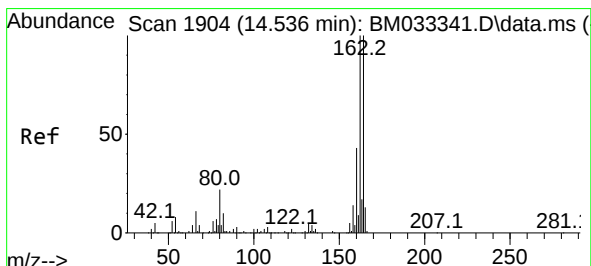
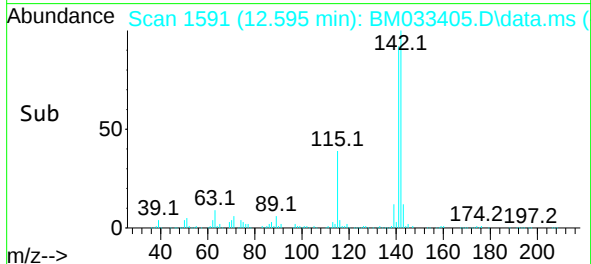
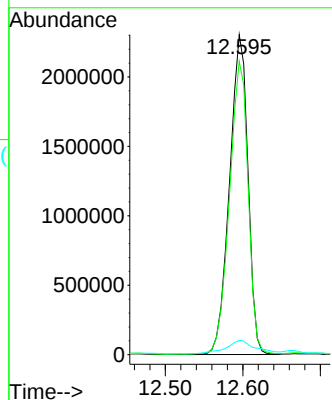
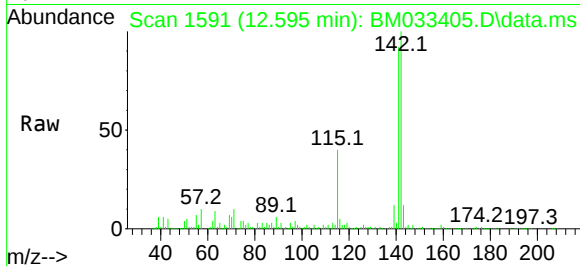




#38
1-Methylnaphthalene
Concen: 303.586 ng
RT: 12.595 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

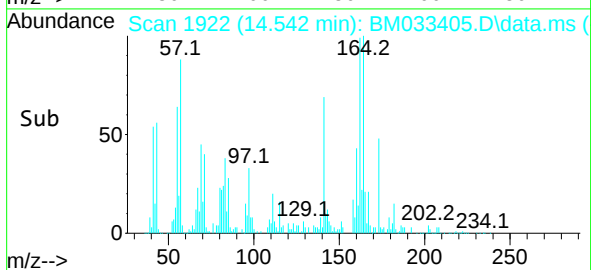
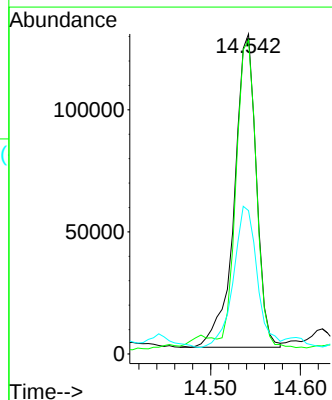
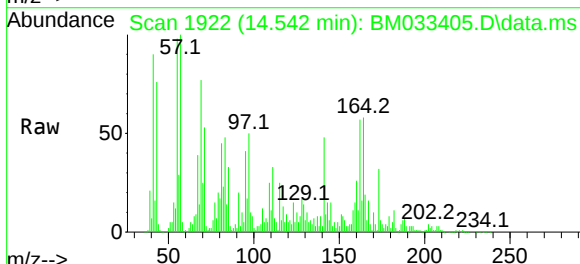
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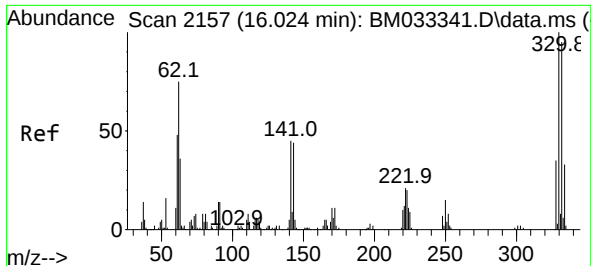
Tgt Ion:142 Resp: 3813883
Ion Ratio Lower Upper
142 100
141 91.7 75.0 112.4
116 4.5 3.5 5.3



#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

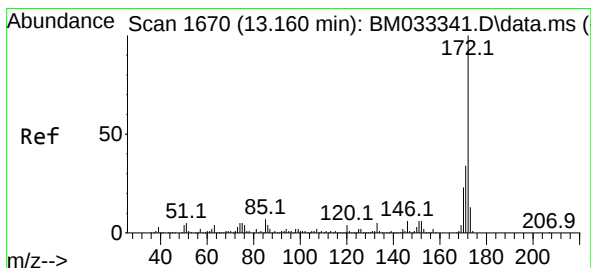
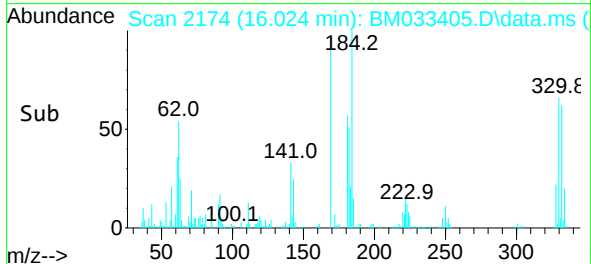
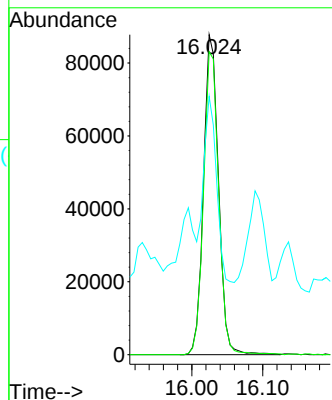
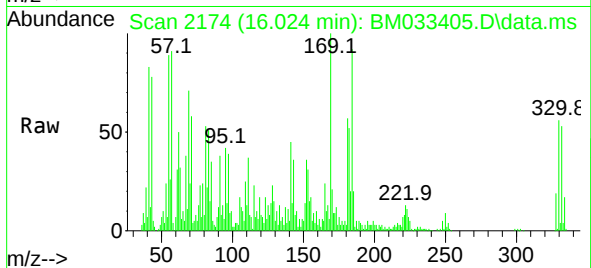




#42
2,4,6-Tribromophenol
Concen: 55.285 ng
RT: 16.024 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

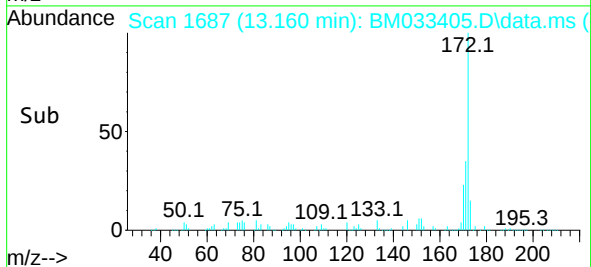
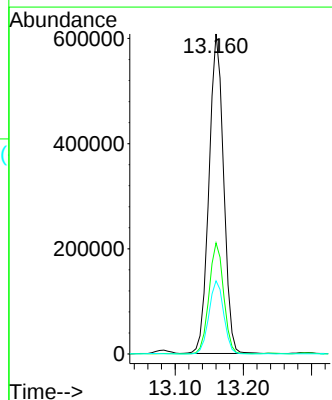
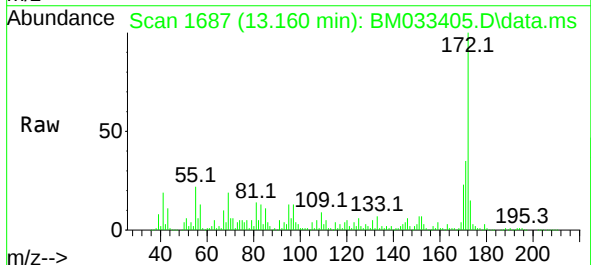
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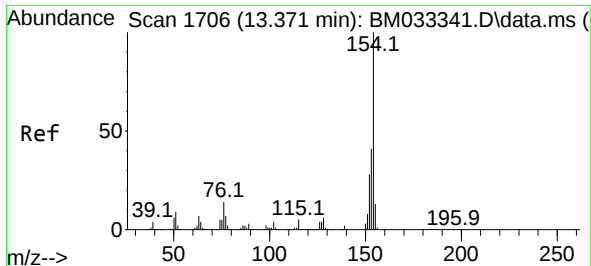
Tgt Ion:330 Resp: 129088
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 50.0 35.9 53.9



#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 :

A2-9-6.5

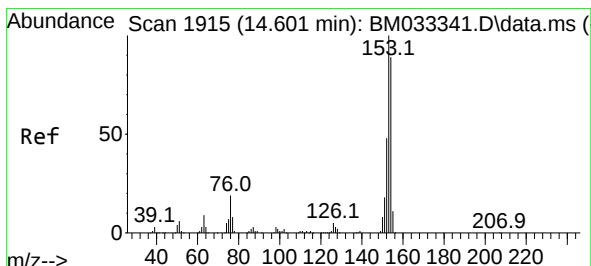
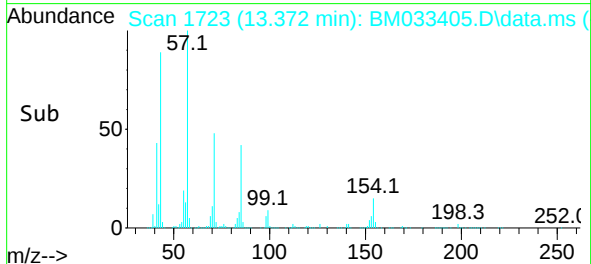
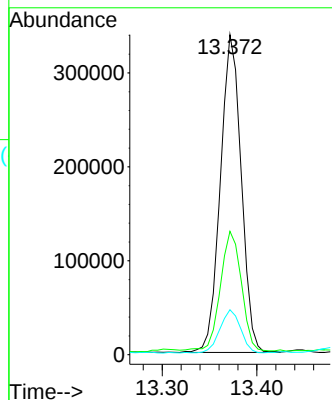
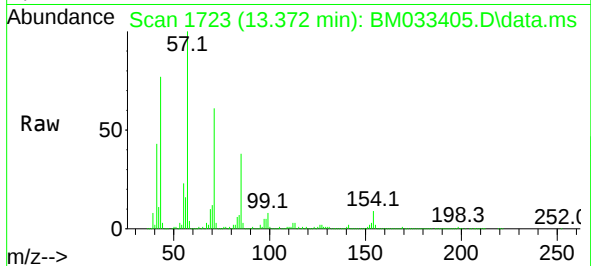
Tgt Ion:154 Resp: 517874

Ion Ratio Lower Upper

154 100

153 38.5 20.7 60.7

76 14.0 0.0 34.4



#52

Acenaphthene

Concen: 11.381 ng

RT: 14.601 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BM033405.D

Acq: 10 Dec 2021 21:38

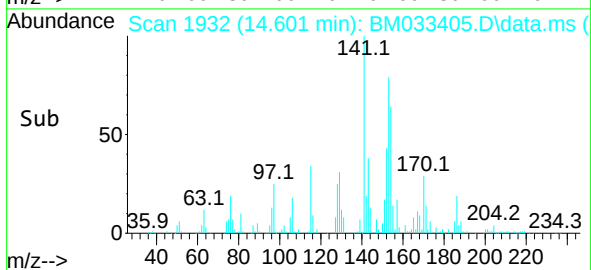
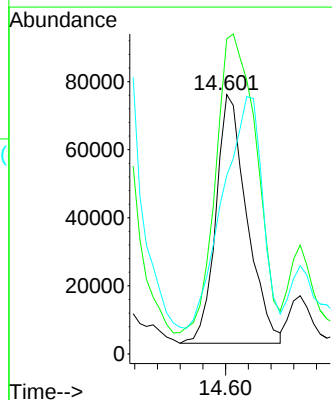
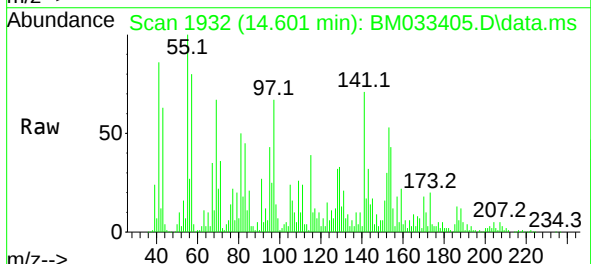
Tgt Ion:154 Resp: 138419

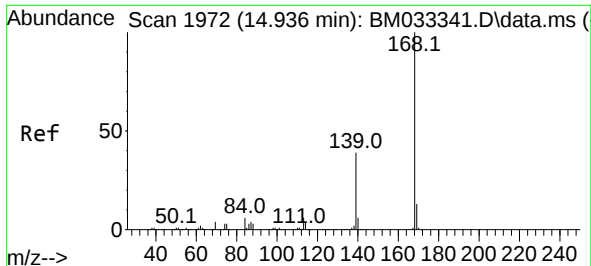
Ion Ratio Lower Upper

154 100

153 121.5 90.2 135.4

152 68.8 43.5 65.3#

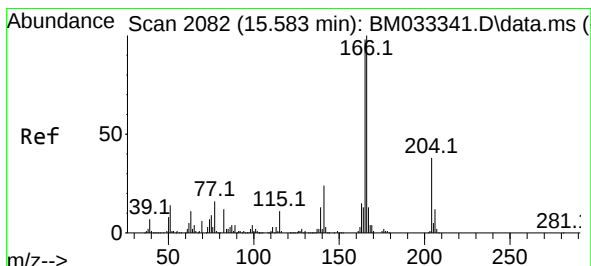
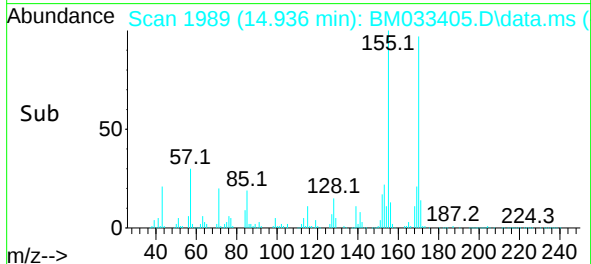
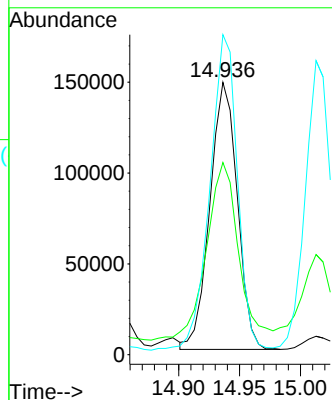
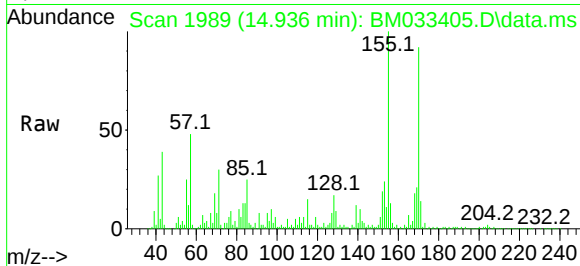




#55
Dibenzofuran
Concen: 11.383 ng
RT: 14.936 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM033405.D
Acq: 10 Dec 2021 21:38

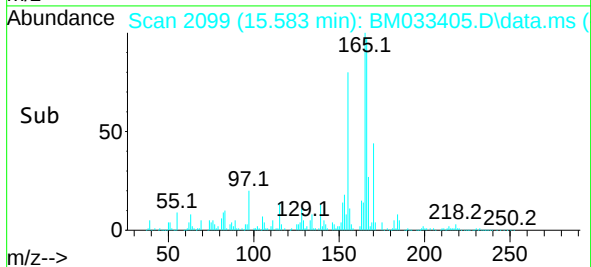
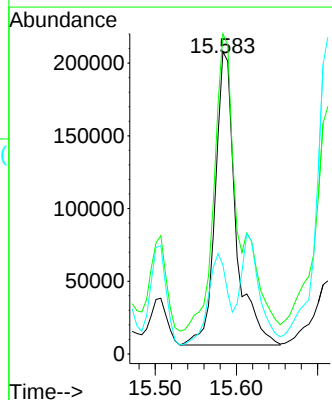
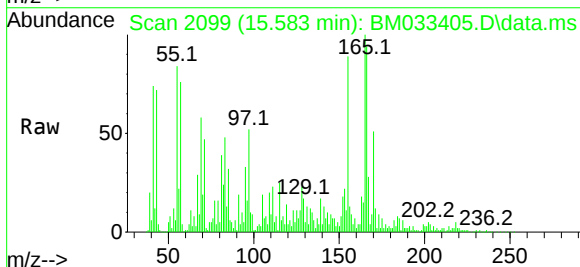
Instrument :
BNA_M
ClientSampleId :
A2-9-6.5

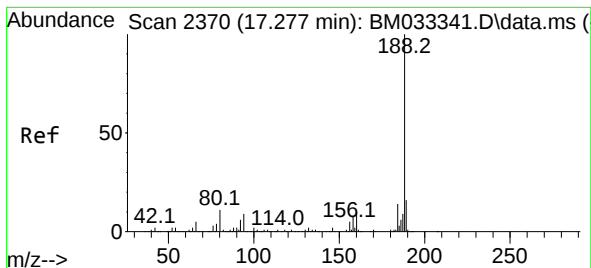
Tgt Ion:168 Resp: 230124
Ion Ratio Lower Upper
168 100
139 70.6 31.4 47.2#
169 117.5 10.6 15.8#



#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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.277 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM033405.D

Acq: 10 Dec 2021 21:38

Instrument :

BNA_M

ClientSampleId :

A2-9-6.5

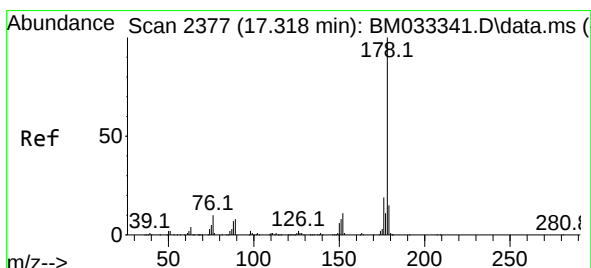
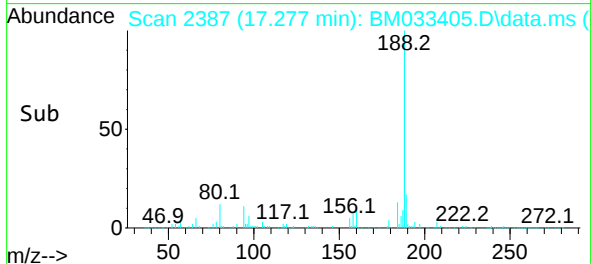
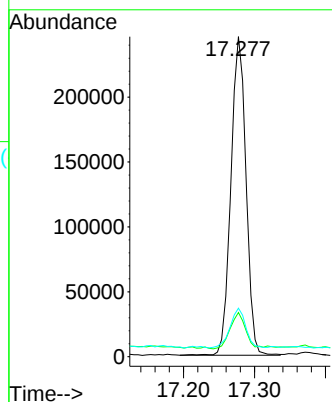
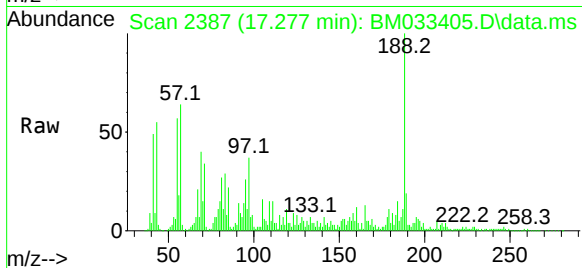
Tgt Ion:188 Resp: 363140

Ion Ratio Lower Upper

188 100

94 13.8 7.5 11.3#

80 15.1 8.9 13.3#



#71

Phenanthrene

Concen: 47.584 ng

RT: 17.318 min Scan# 2394

Delta R.T. 0.000 min

Lab File: BM033405.D

Acq: 10 Dec 2021 21:38

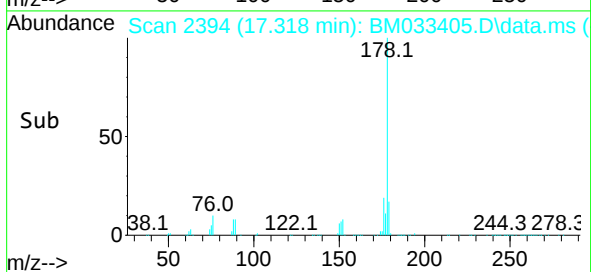
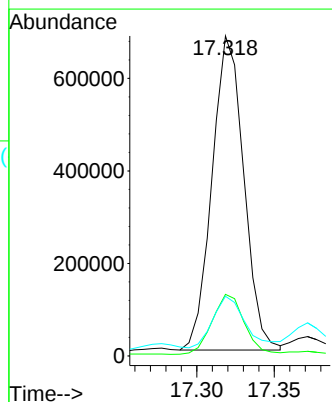
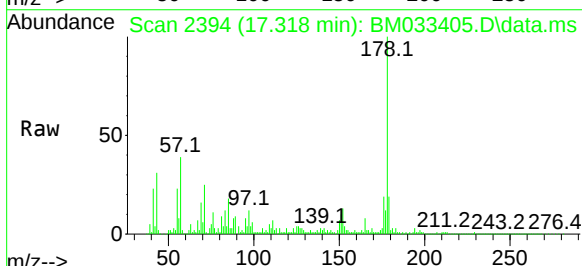
Tgt Ion:178 Resp: 967412

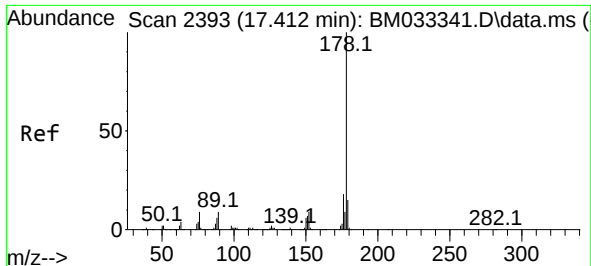
Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 18.6 12.0 18.0#

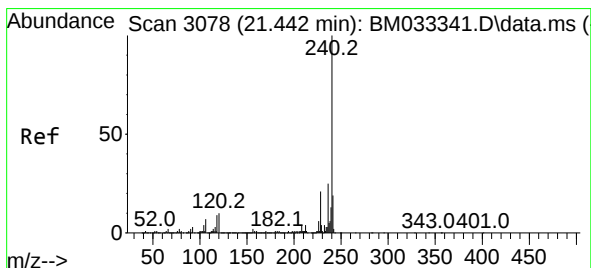
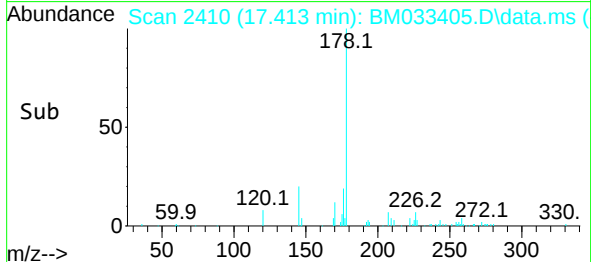
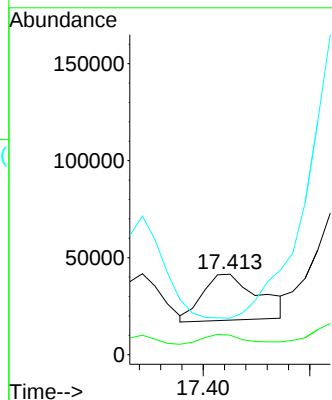
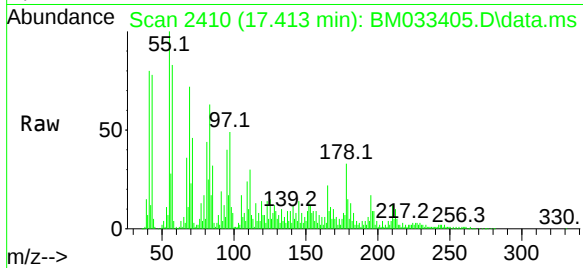




#72
 Anthracene
 Concen: 2.204 ng
 RT: 17.413 min Scan# 2410
 Delta R.T. 0.000 min
 Lab File: BM033405.D
 Acq: 10 Dec 2021 21:38

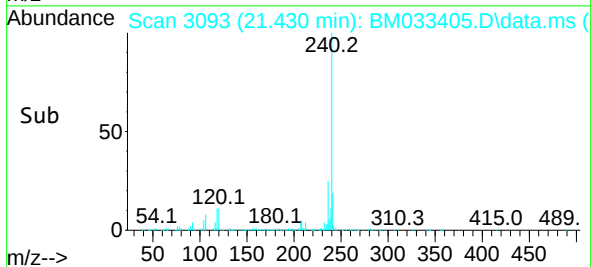
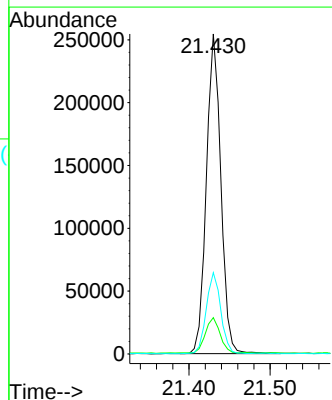
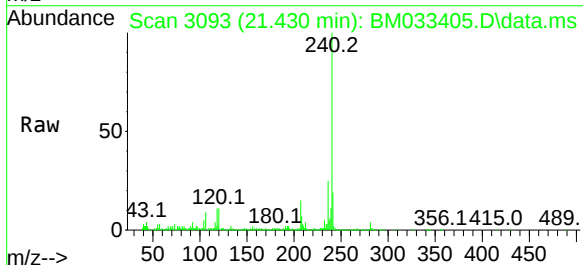
Instrument :
 BNA_M
 ClientSampleId :
 A2-9-6.5

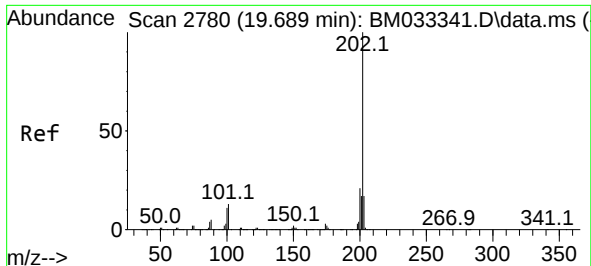
Tgt Ion:178 Resp: 43780
 Ion Ratio Lower Upper
 178 100
 176 24.3 14.5 21.7#
 179 45.2 11.9 17.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.430 min Scan# 3093
 Delta R.T. -0.012 min
 Lab File: BM033405.D
 Acq: 10 Dec 2021 21:38

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

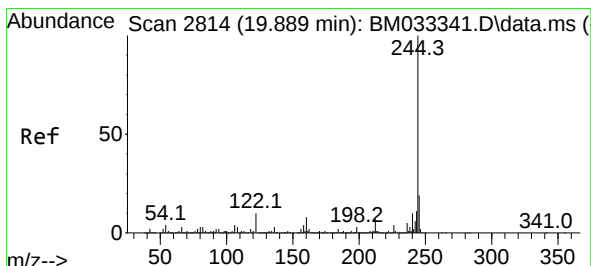
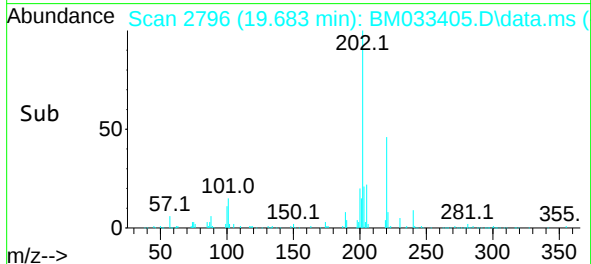
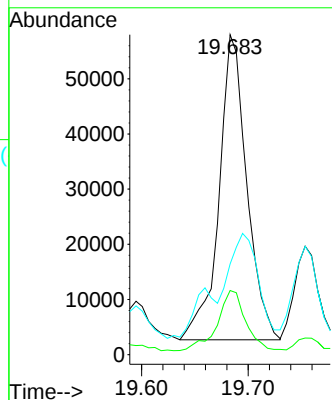
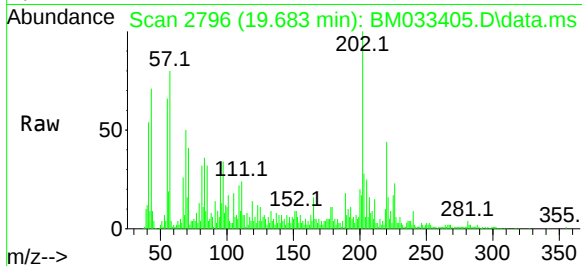




#78
 Pyrene
 Concen: 4.563 ng
 RT: 19.683 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033405.D
 Acq: 10 Dec 2021 21:38

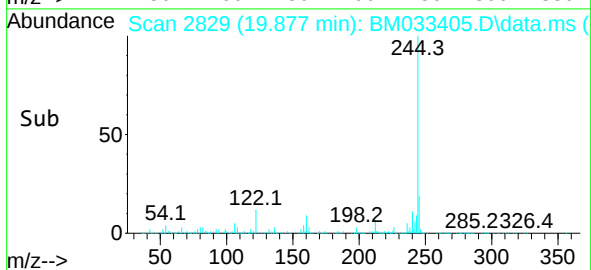
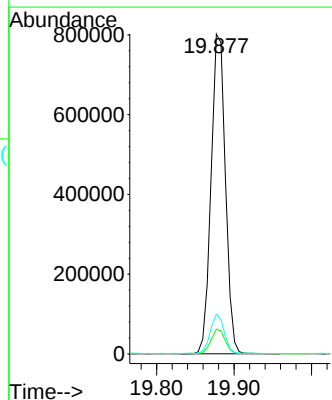
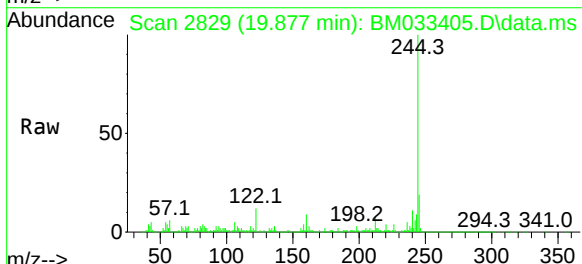
Instrument :
 BNA_M
 ClientSampleId :
 A2-9-6.5

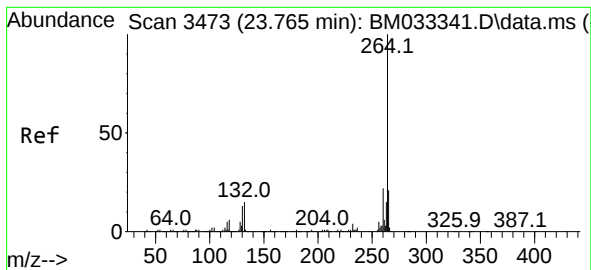
Tgt Ion:202 Resp: 100504
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.4 24.6
 203 28.4 13.5 20.3#



#79
 Terphenyl-d14
 Concen: 60.695 ng
 RT: 19.877 min Scan# 2829
 Delta R.T. -0.012 min
 Lab File: BM033405.D
 Acq: 10 Dec 2021 21:38

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# 34
 Delta R.T. -0.017 min
 Lab File: BM033405.D
 Acq: 10 Dec 2021 21:38

Instrument :
 BNA_M
 ClientSampleId :
 A2-9-6.5

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

