

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038669.D
 Acq On : 02 Feb 2023 18:42
 Operator : CG/JU
 Sample : 01389-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ROW-4

Quant Time: Feb 03 05:37:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

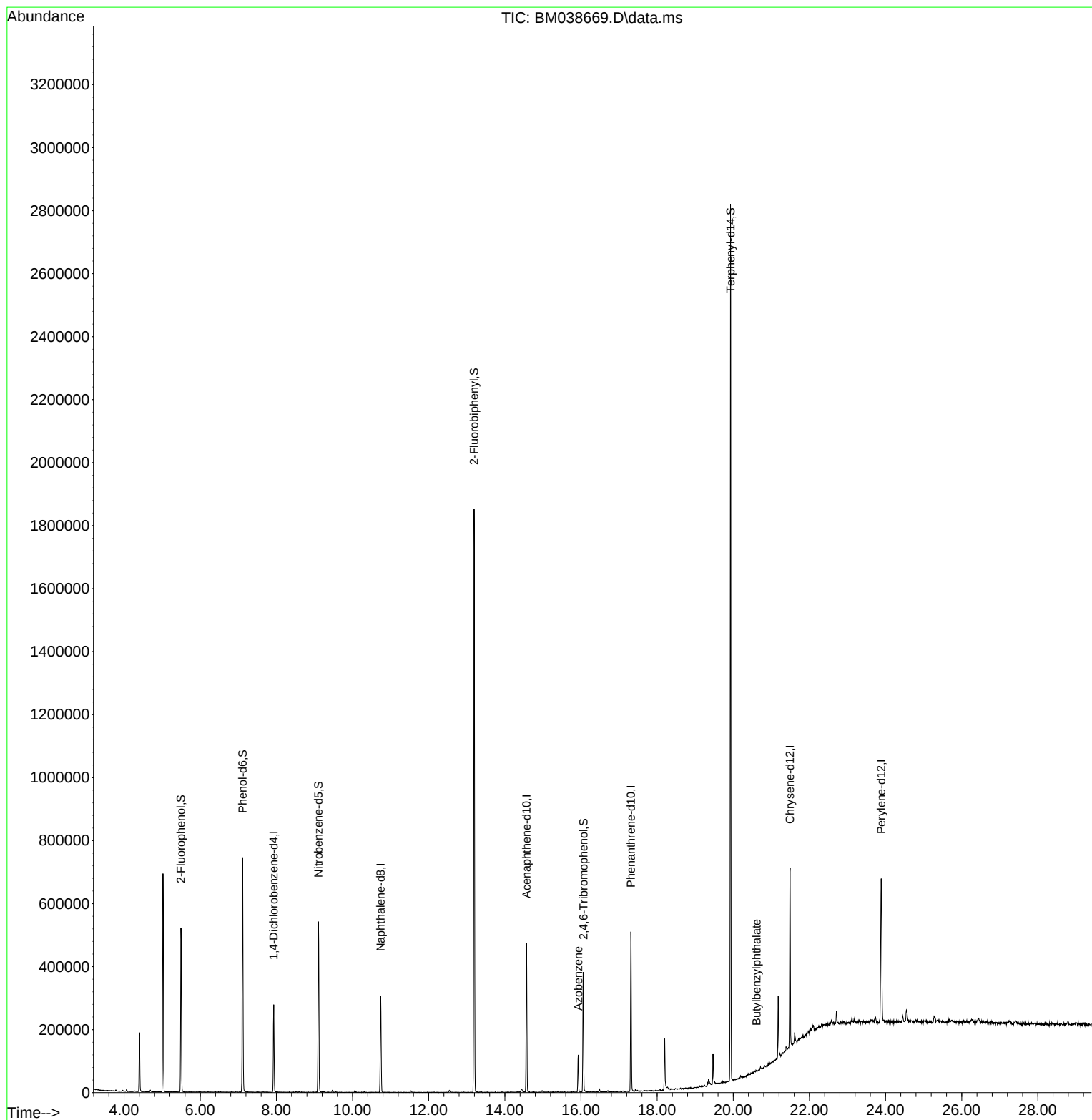
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	80913	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	251962	20.000	ng	-0.01
39) Acenaphthene-d10	14.568	164	164003	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	311966	20.000	ng	-0.01
76) Chrysene-d12	21.492	240	261654	20.000	ng	0.00
86) Perylene-d12	23.886	264	341921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	224631	54.383	ng	0.00
7) Phenol-d6	7.110	99	408290	86.668	ng	0.00
23) Nitrobenzene-d5	9.104	82	289228	65.201	ng	-0.01
42) 2,4,6-Tribromophenol	16.062	330	72437	32.495	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	940414	73.001	ng	-0.01
79) Terphenyl-d14	19.927	244	1173375	79.136	ng	0.00
Target Compounds						
63) Azobenzene	15.927	77	28982	2.971	ng	# 1
80) Butylbenzylphthalate	20.615	149	1378	2.076	ng	# 95

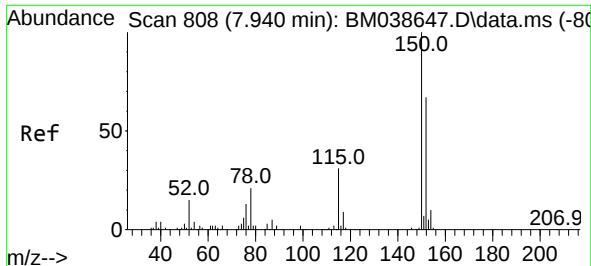
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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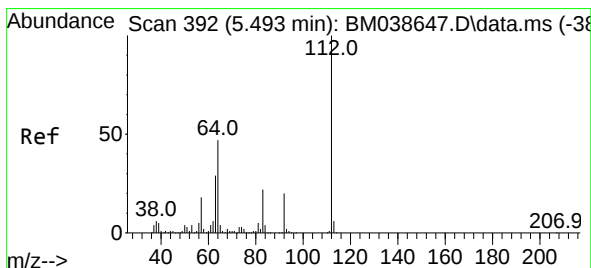
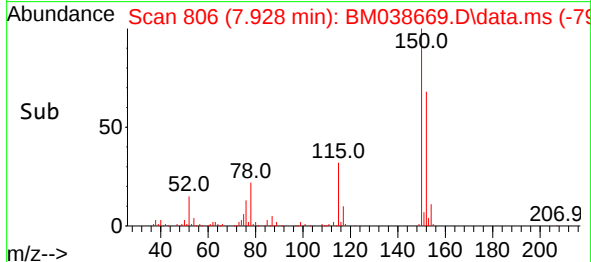
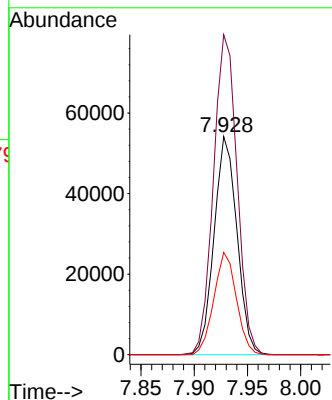
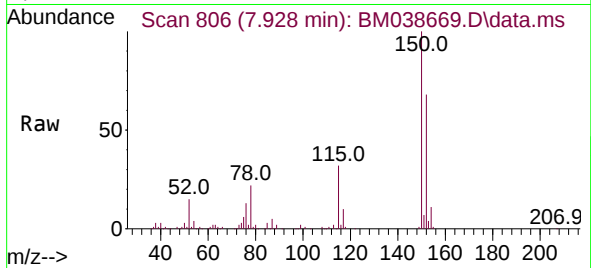




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 808
Delta R.T. -0.012 min
Lab File: BM038669.D
Acq: 02 Feb 2023 18:42

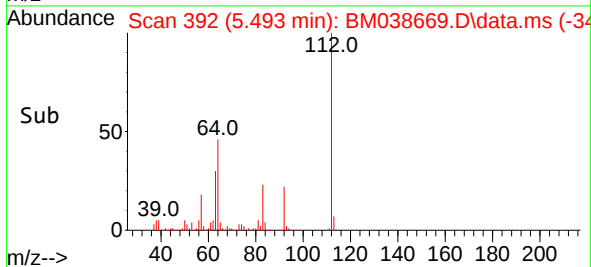
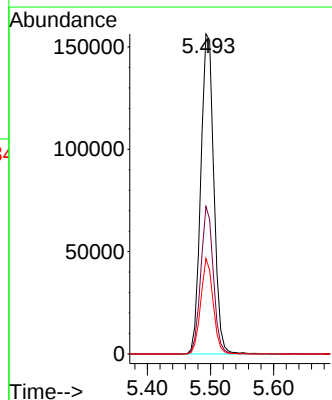
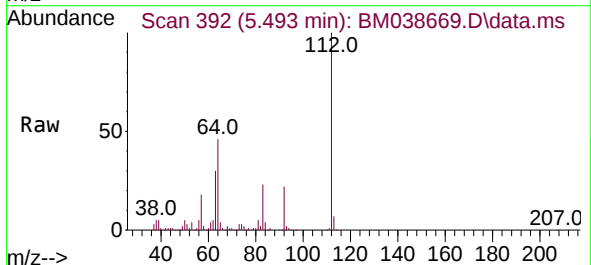
Instrument :
BNA_M
ClientSampleId :
ROW-4

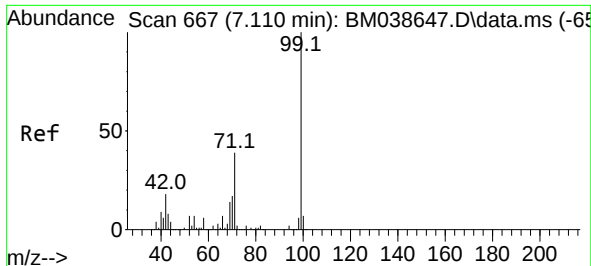
Tgt Ion:152 Resp: 80913
Ion Ratio Lower Upper
152 100
150 146.7 119.5 179.3
115 46.8 37.6 56.4



#5
2-Fluorophenol
Concen: 54.383 ng
RT: 5.493 min Scan# 392
Delta R.T. -0.000 min
Lab File: BM038669.D
Acq: 02 Feb 2023 18:42

Tgt Ion:112 Resp: 224631
Ion Ratio Lower Upper
112 100
64 46.1 37.9 56.9
63 29.8 23.3 34.9

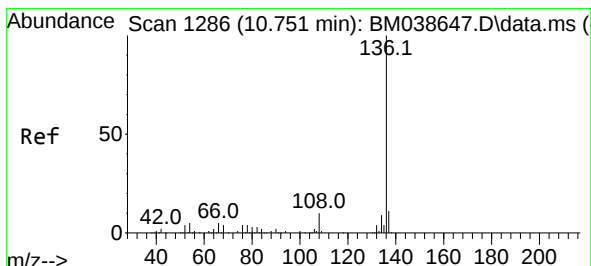
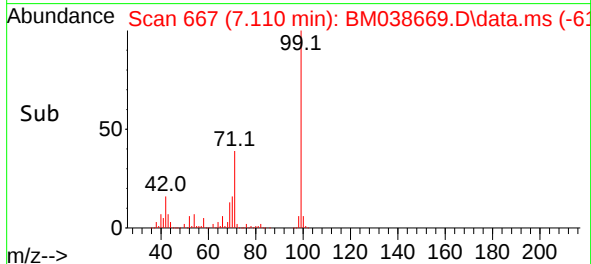
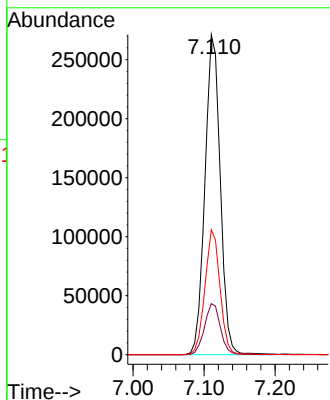
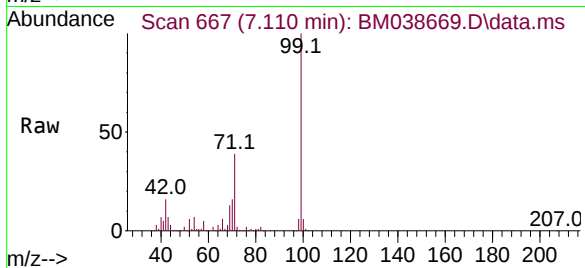




#7
Phenol-d6
Concen: 86.668 ng
RT: 7.110 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM038669.D
Acq: 02 Feb 2023 18:42

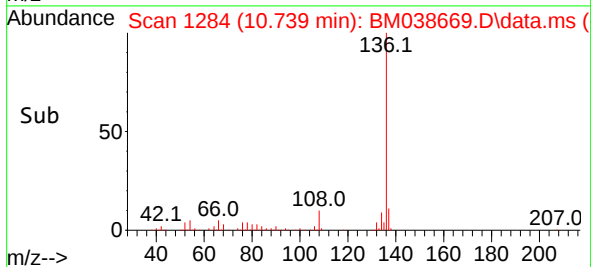
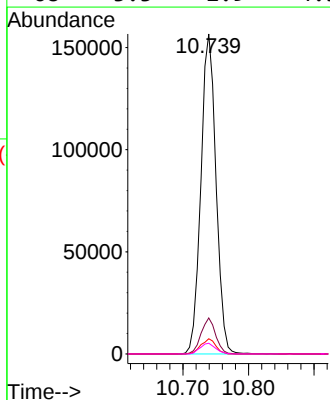
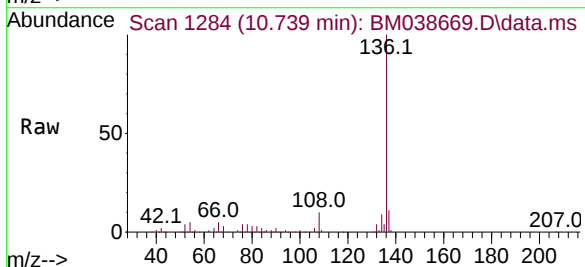
Instrument :
BNA_M
ClientSampleId :
ROW-4

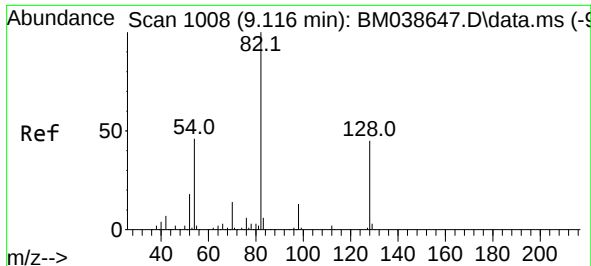
Tgt Ion: 99 Resp: 408290
Ion Ratio Lower Upper
99 100
42 15.9 14.6 22.0
71 39.1 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM038669.D
Acq: 02 Feb 2023 18:42

Tgt Ion: 136 Resp: 251962
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 4.8 4.2 6.4
68 3.3 2.9 4.3

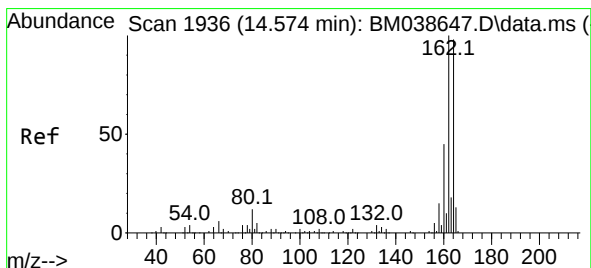
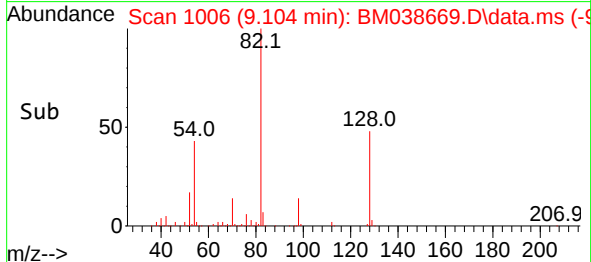
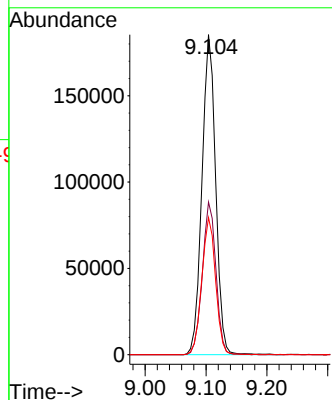
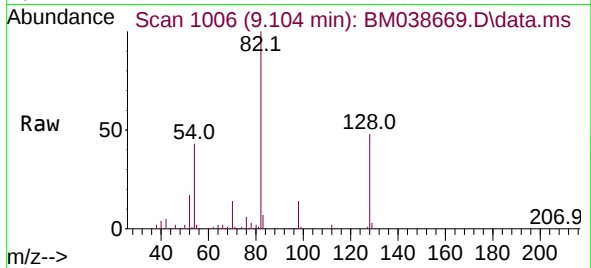




#23
Nitrobenzene-d5
Concen: 65.201 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BM038669.D
Acq: 02 Feb 2023 18:42

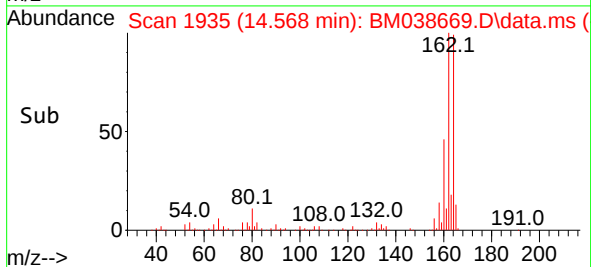
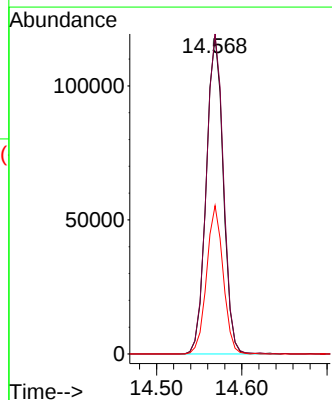
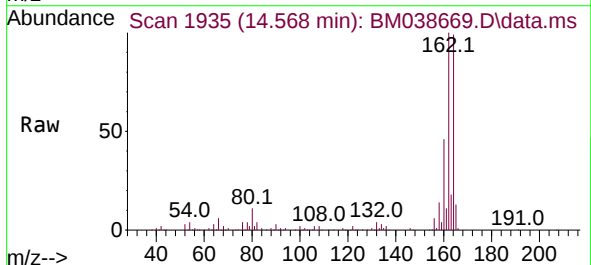
Instrument :
BNA_M
ClientSampleId :
ROW-4

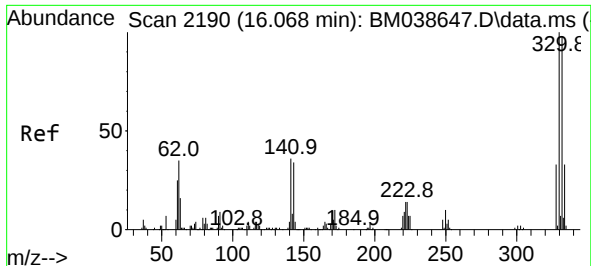
Tgt Ion: 82 Resp: 289228
Ion Ratio Lower Upper
82 100
128 47.7 36.0 54.0
54 42.8 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM038669.D
Acq: 02 Feb 2023 18:42

Tgt Ion: 164 Resp: 164003
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 46.7 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 32.495 ng

RT: 16.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038669.D

Acq: 02 Feb 2023 18:42

Instrument :

BNA_M

ClientSampleId :

ROW-4

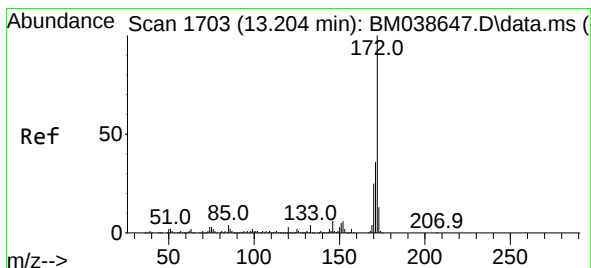
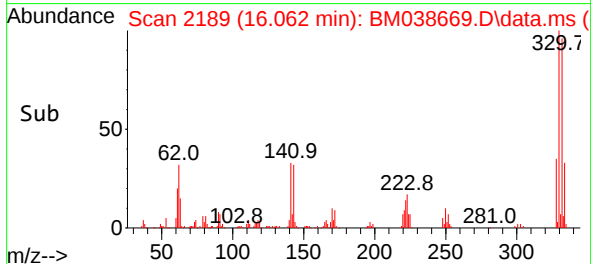
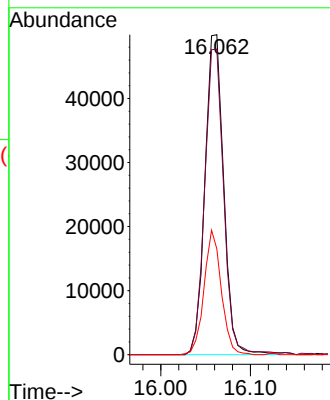
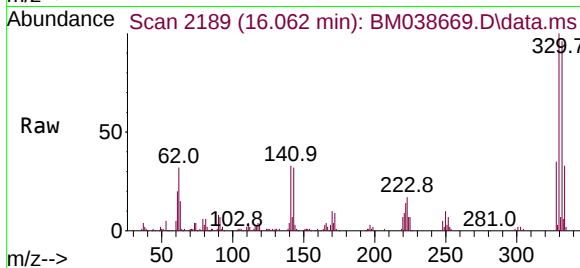
Tgt Ion:330 Resp: 72437

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.6

141 35.8 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 73.001 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BM038669.D

Acq: 02 Feb 2023 18:42

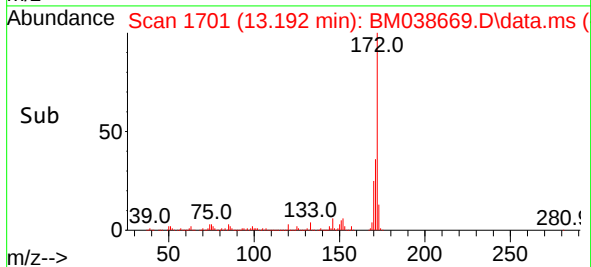
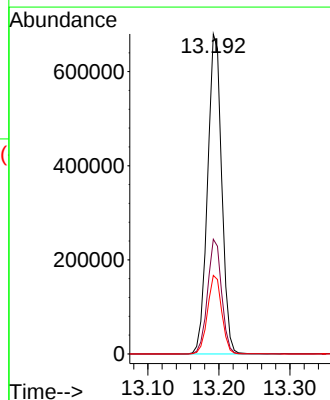
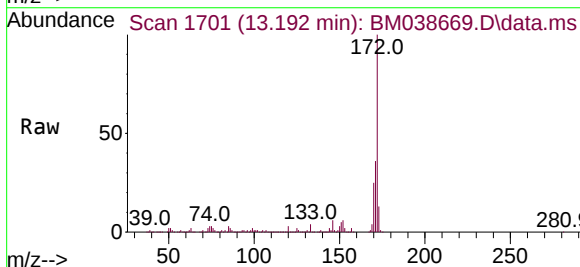
Tgt Ion:172 Resp: 940414

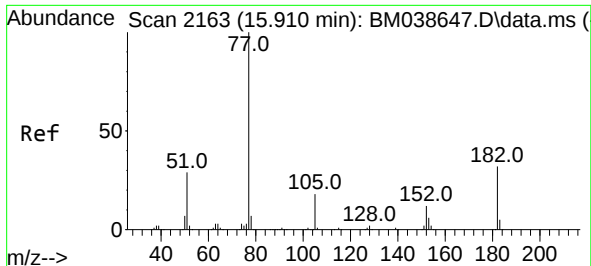
Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 24.5 20.0 30.0

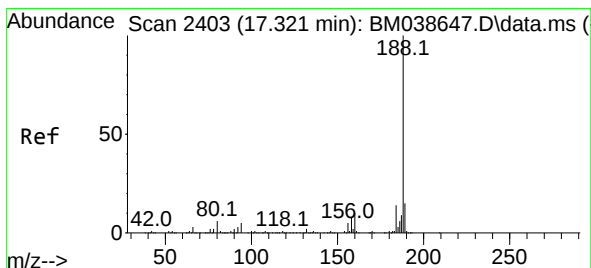
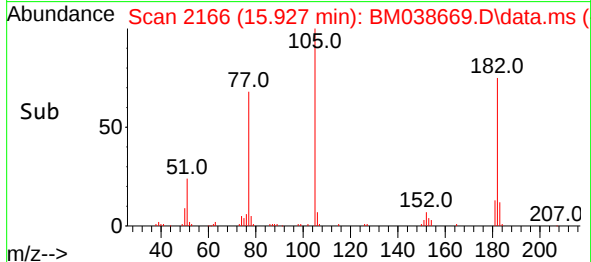
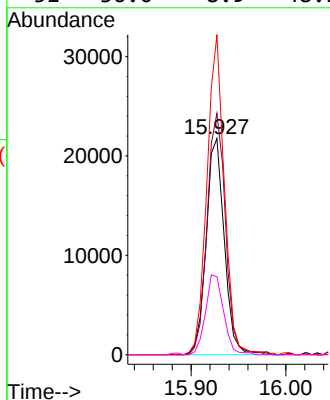
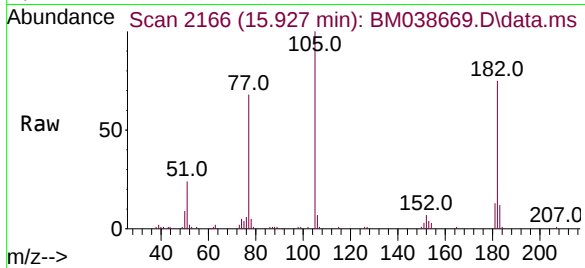




#63
Azobenzene
Concen: 2.971 ng
RT: 15.927 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BM038669.D
Acq: 02 Feb 2023 18:42

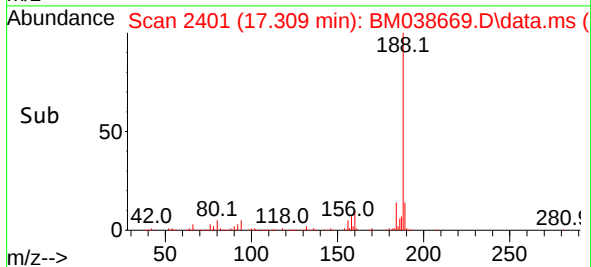
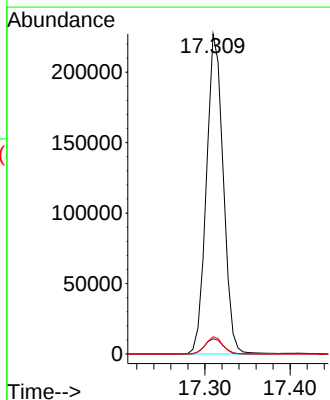
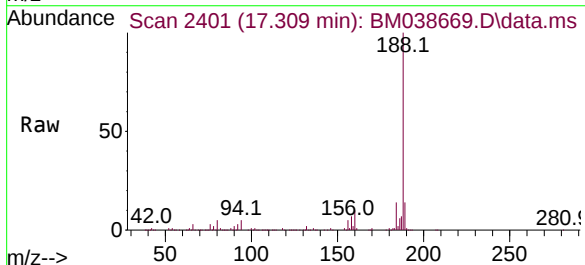
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ROW-4

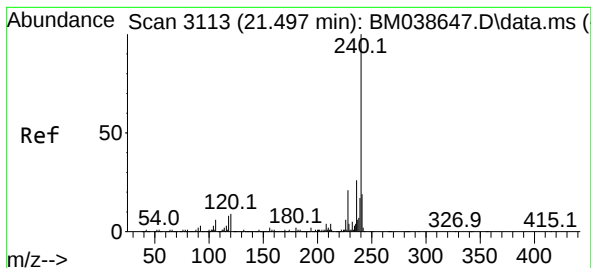
Tgt Ion: 77	Resp: 28982
Ion Ratio	Lower Upper
77 100	
182 111.6	12.0 52.0#
105 148.0	0.0 37.5#
51 36.0	8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2401
Delta R.T. -0.012 min
Lab File: BM038669.D
Acq: 02 Feb 2023 18:42

Tgt Ion: 188	Resp: 311966
Ion Ratio	Lower Upper
188 100	
94 4.8	4.2 6.4
80 5.3	4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM038669.D

Acq: 02 Feb 2023 18:42

Instrument :

BNA_M

ClientSampleId :

ROW-4

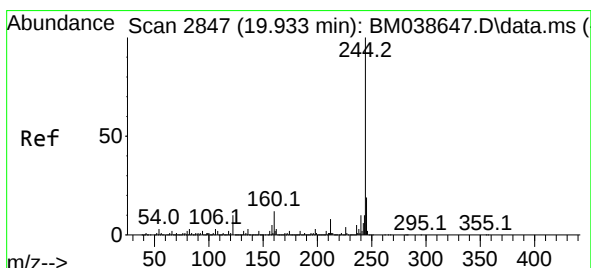
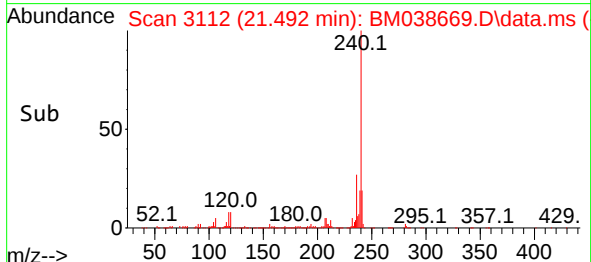
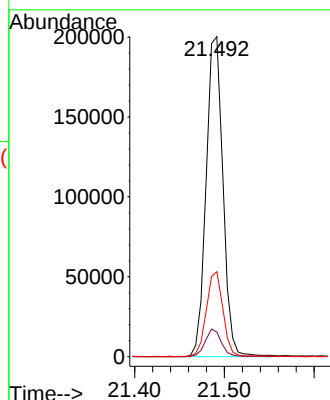
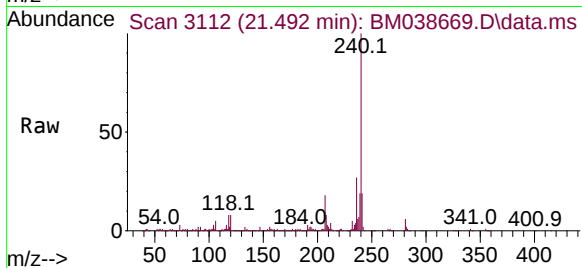
Tgt Ion:240 Resp: 261654

Ion Ratio Lower Upper

240 100

120 7.7 7.0 10.4

236 26.5 20.9 31.3



#79

Terphenyl-d14

Concen: 79.136 ng

RT: 19.927 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BM038669.D

Acq: 02 Feb 2023 18:42

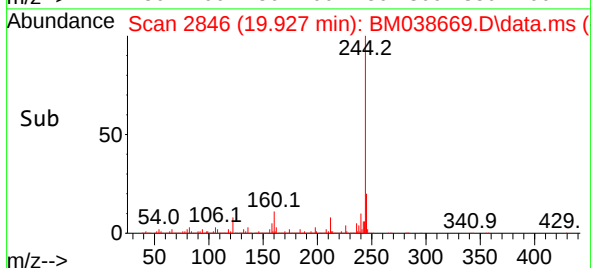
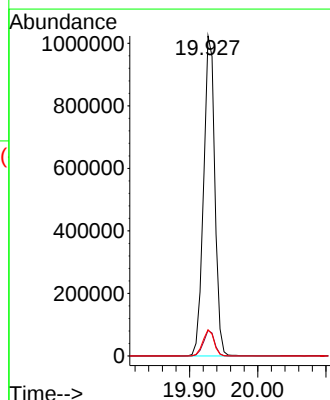
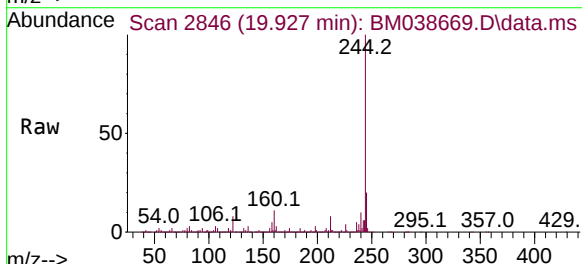
Tgt Ion:244 Resp: 1173375

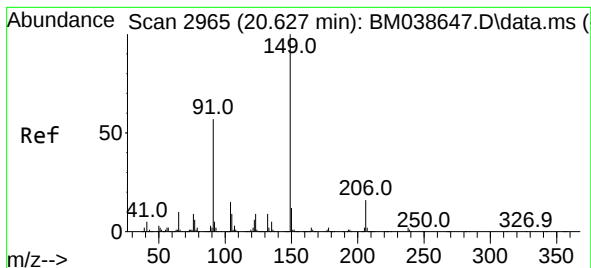
Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

122 8.2 7.8 11.8





#80

Butylbenzylphthalate

Concen: 2.076 ng

RT: 20.615 min Scan# 2963

Delta R.T. -0.012 min

Lab File: BM038669.D

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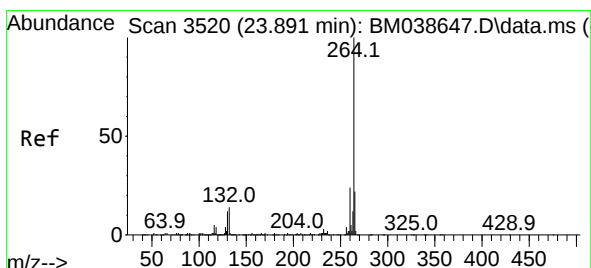
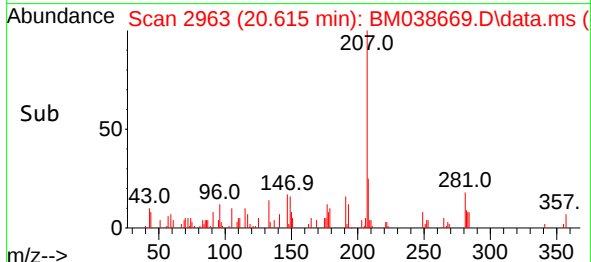
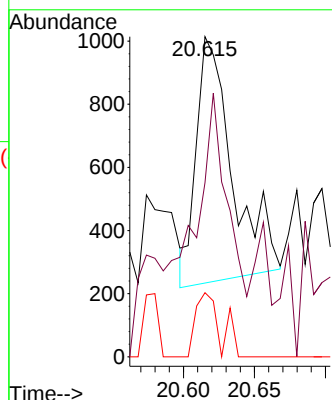
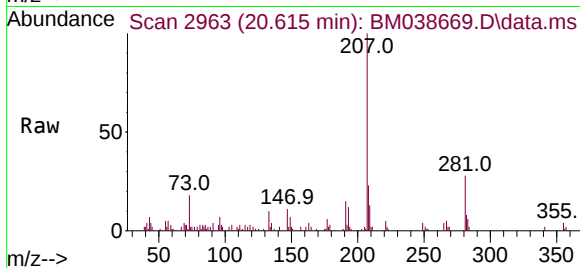
Tgt Ion:149 Resp: 1378

Ion Ratio Lower Upper

149 100

91 54.4 45.6 68.4

206 20.0 12.5 18.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.886 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM038669.D

Acq: 02 Feb 2023 18:42

Tgt Ion:264 Resp: 341921

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 22.1 17.9 26.9

