

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
 Data File : BM034058.D
 Acq On : 23 Feb 2022 18:28
 Operator : CG/JU
 Sample : N1633-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220099-MR-2-(DISCRETE)

Quant Time: Feb 24 04:51:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 17:55:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	209334	20.000	ng	0.00
21) Naphthalene-d8	10.836	136	774549	20.000	ng	# 0.00
39) Acenaphthene-d10	14.654	164	477027	20.000	ng	0.00
64) Phenanthrene-d10	17.389	188	959618	20.000	ng	# 0.00
76) Chrysene-d12	21.565	240	965763	20.000	ng	# 0.00
86) Perylene-d12	24.024	264	1045656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	1029689	87.685	ng	0.00
7) Phenol-d6	7.166	99	1266147	82.109	ng	0.00
23) Nitrobenzene-d5	9.178	82	825169	57.492	ng	0.00
42) 2,4,6-Tribromophenol	16.130	330	572379	98.864	ng	0.00
45) 2-Fluorobiphenyl	13.283	172	1927218	53.826	ng	0.00
79) Terphenyl-d14	20.006	244	2684691	48.407	ng	0.00

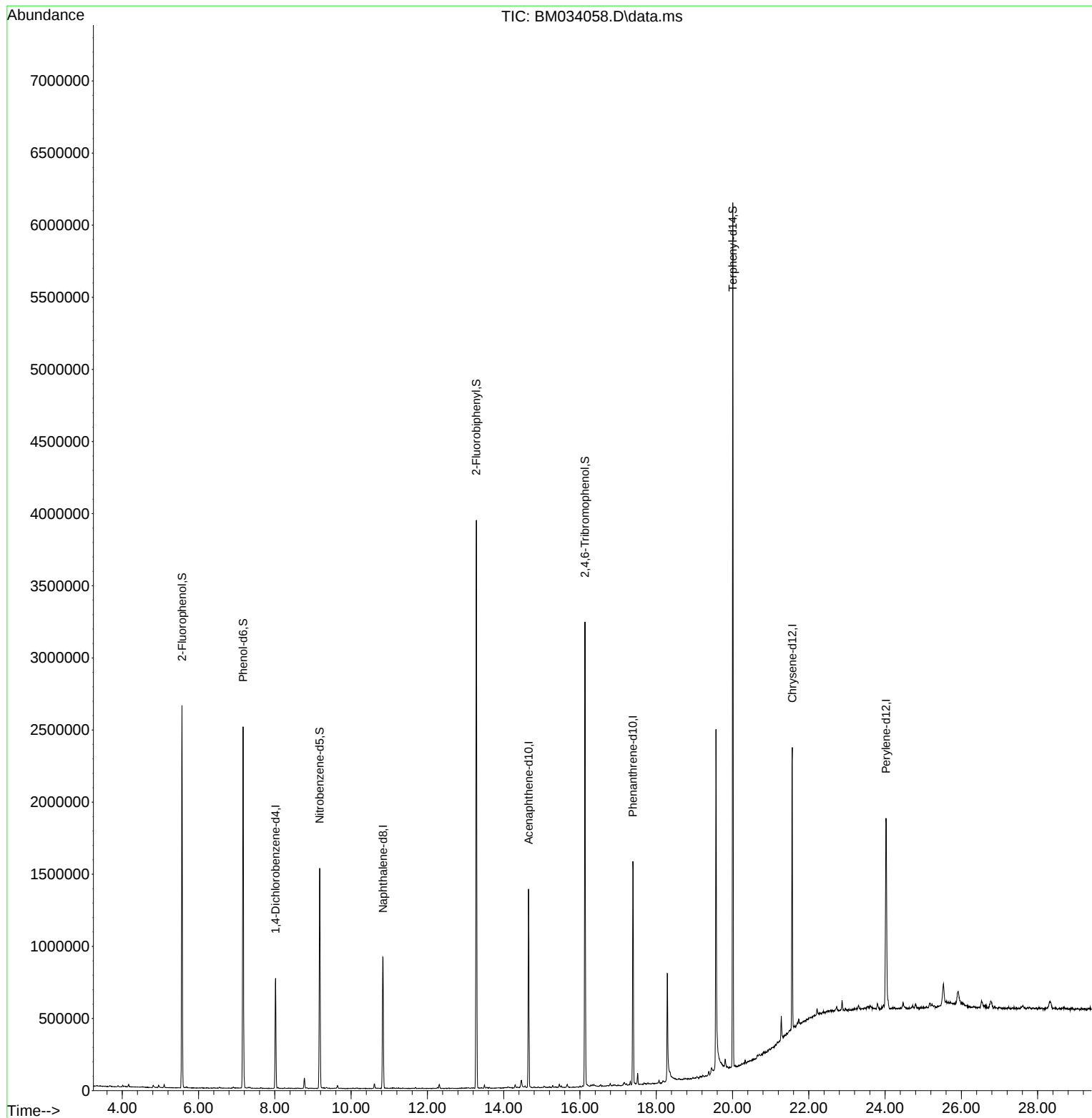
Target Compounds	Qvalue

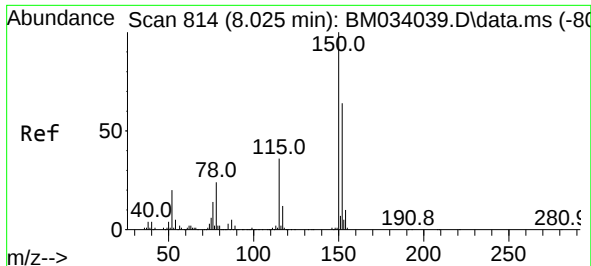
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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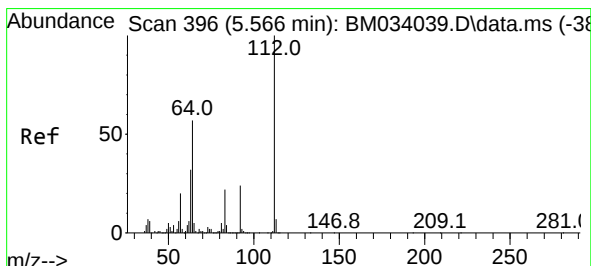
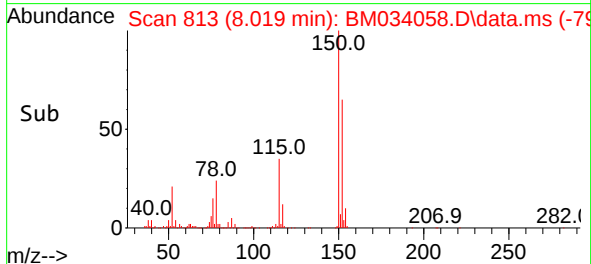
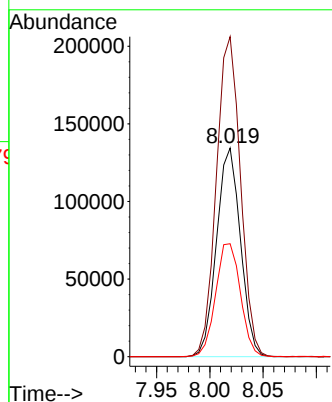
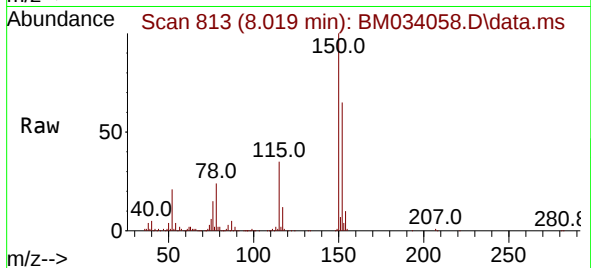




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.019 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM034058.D
Acq: 23 Feb 2022 18:28

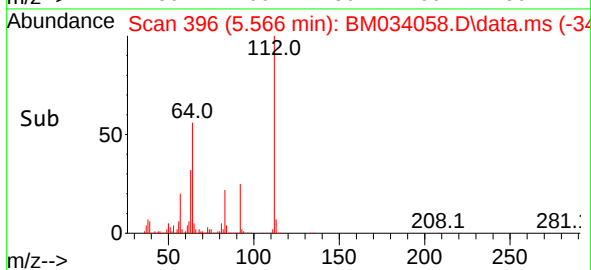
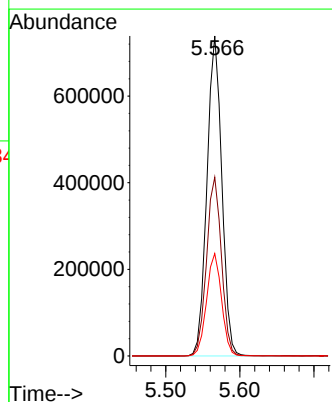
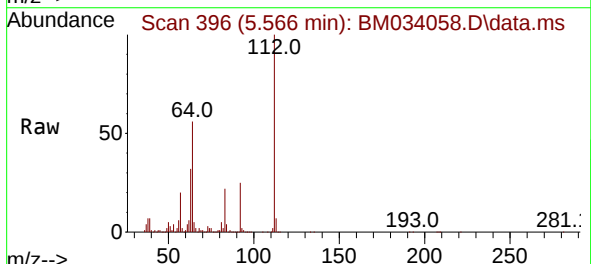
Instrument :
BNA_M
ClientSampleId :
20220099-MR-2-(DISCRETE)

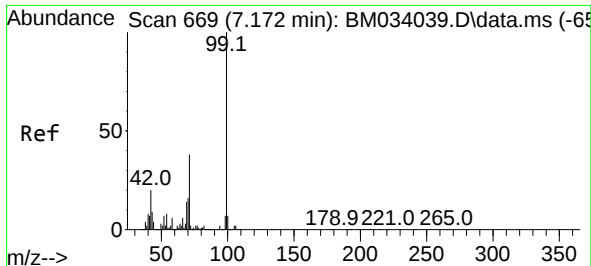
Tgt Ion:152 Resp: 209334
Ion Ratio Lower Upper
152 100
150 153.4 128.9 193.3
115 54.2 53.0 79.6



#5
2-Fluorophenol
Concen: 87.685 ng
RT: 5.566 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM034058.D
Acq: 23 Feb 2022 18:28

Tgt Ion:112 Resp: 1029689
Ion Ratio Lower Upper
112 100
64 55.8 55.5 83.3
63 32.0 31.3 46.9

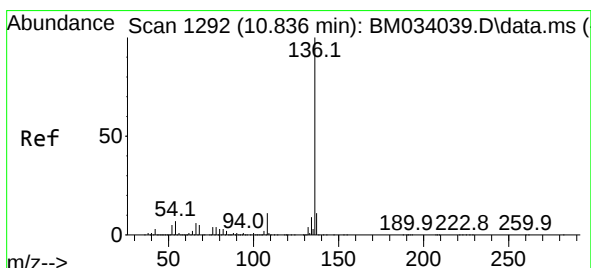
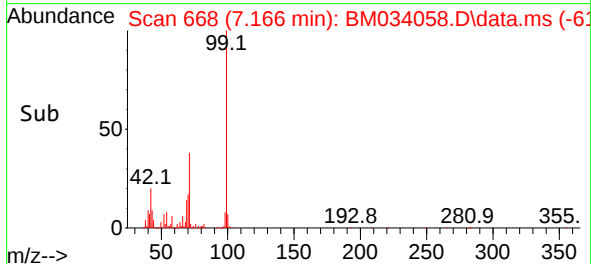
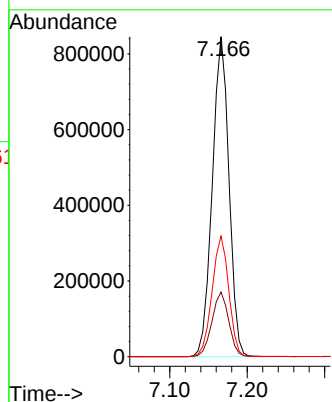
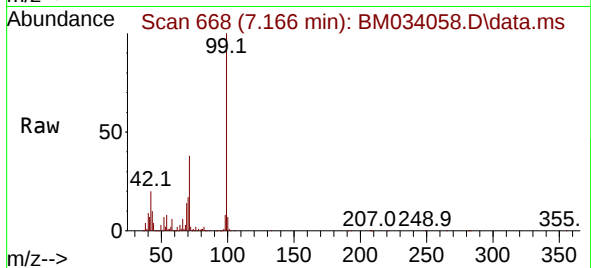




#7
Phenol-d6
Concen: 82.109 ng
RT: 7.166 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034058.D
Acq: 23 Feb 2022 18:28

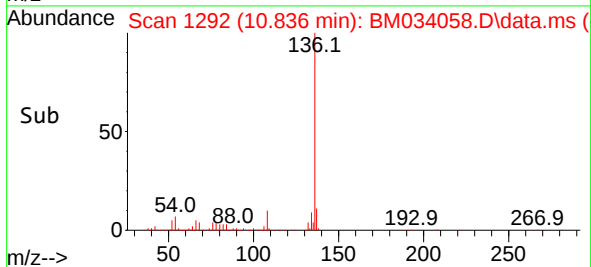
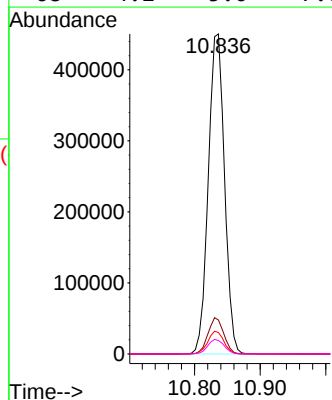
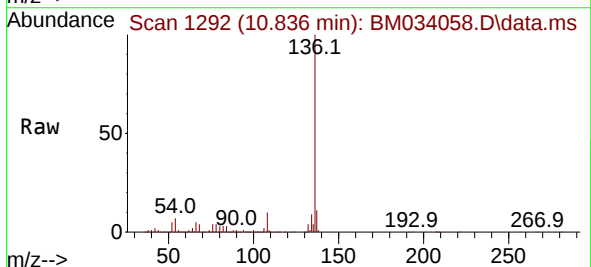
Instrument :
BNA_M
ClientSampleId :
20220099-MR-2-(DISCRETE)

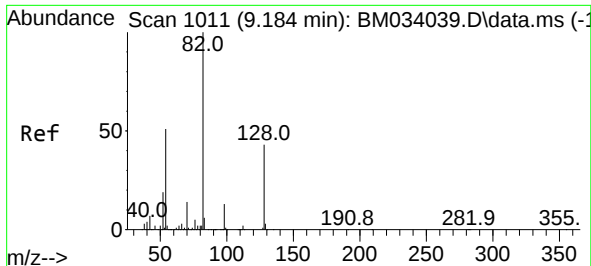
Tgt Ion: 99 Resp: 1266147
Ion Ratio Lower Upper
99 100
42 20.2 20.3 30.5#
71 37.6 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.836 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BM034058.D
Acq: 23 Feb 2022 18:28

Tgt Ion: 136 Resp: 774549
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.7 8.3 12.5#
68 4.2 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 57.492 ng

RT: 9.178 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BM034058.D

Acq: 23 Feb 2022 18:28

Instrument :

BNA_M

ClientSampleId :

20220099-MR-2-(DISCRETE)

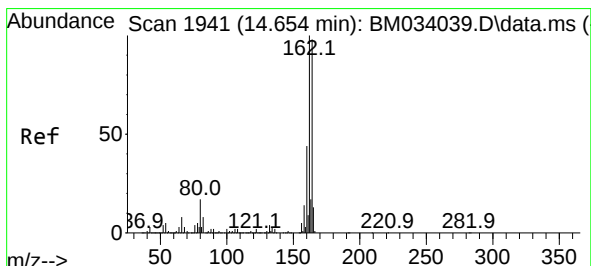
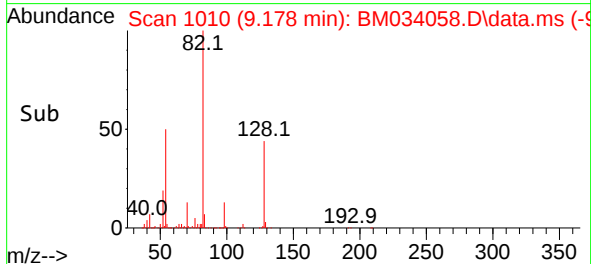
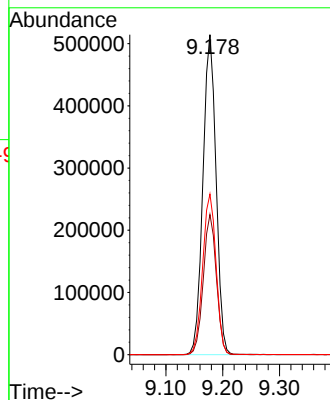
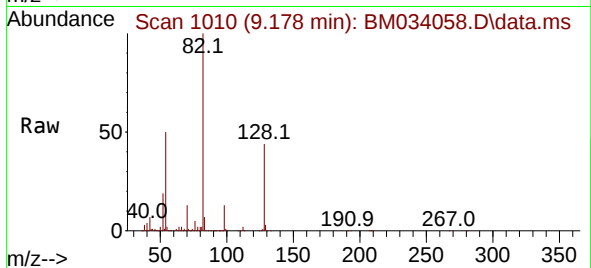
Tgt Ion: 82 Resp: 825169

Ion Ratio Lower Upper

82 100

128 43.8 28.1 42.1#

54 50.2 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.654 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BM034058.D

Acq: 23 Feb 2022 18:28

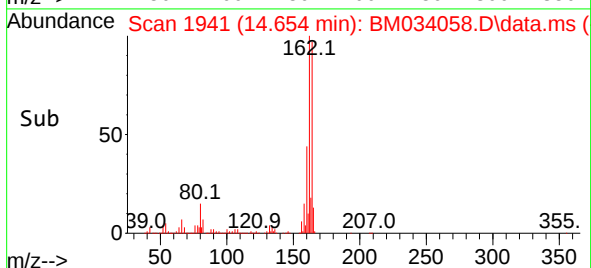
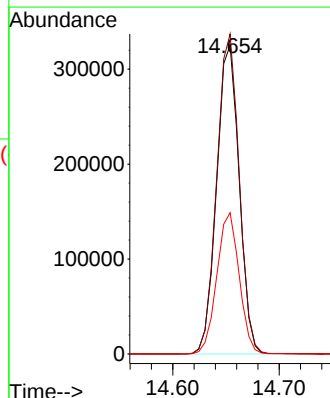
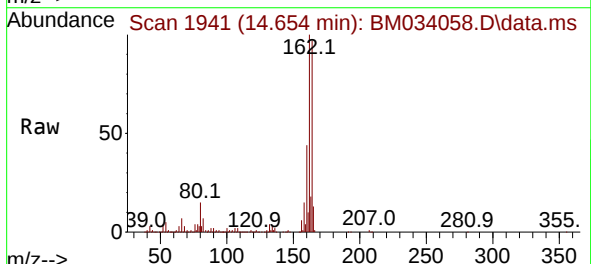
Tgt Ion: 164 Resp: 477027

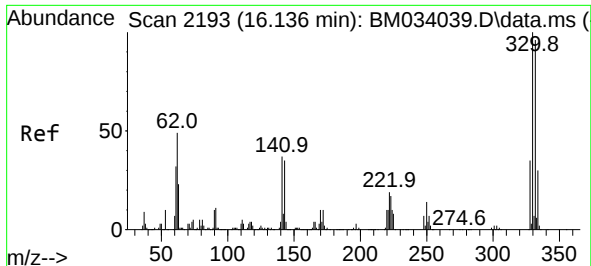
Ion Ratio Lower Upper

164 100

162 103.6 79.7 119.5

160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.864 ng

RT: 16.130 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM034058.D

Acq: 23 Feb 2022 18:28

Instrument :

BNA_M

ClientSampleId :

20220099-MR-2-(DISCRETE)

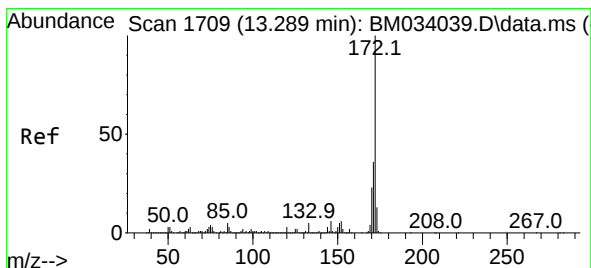
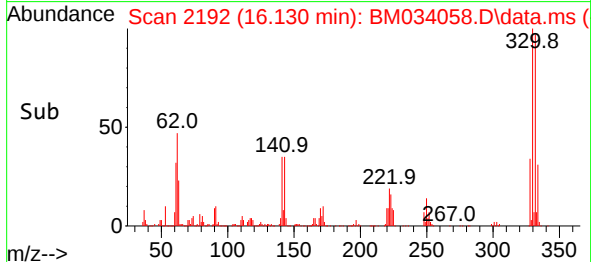
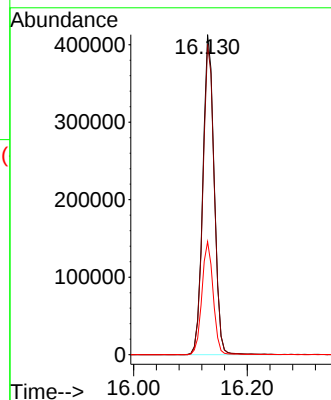
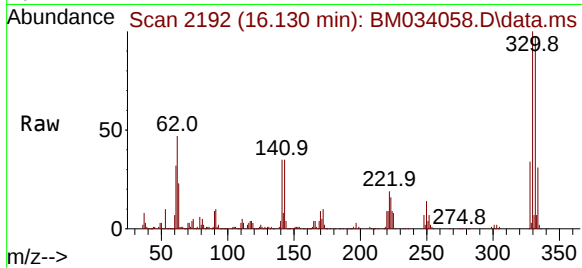
Tgt Ion:330 Resp: 572379

Ion Ratio Lower Upper

330 100

332 97.3 76.5 114.7

141 35.2 35.9 53.9#



#45

2-Fluorobiphenyl

Concen: 53.826 ng

RT: 13.283 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BM034058.D

Acq: 23 Feb 2022 18:28

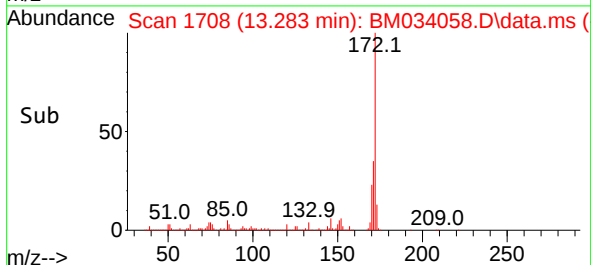
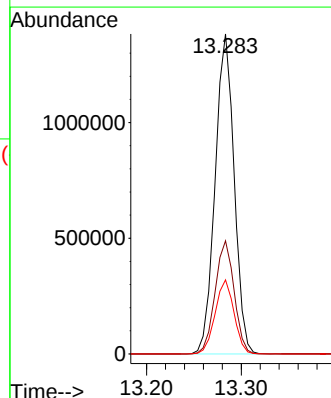
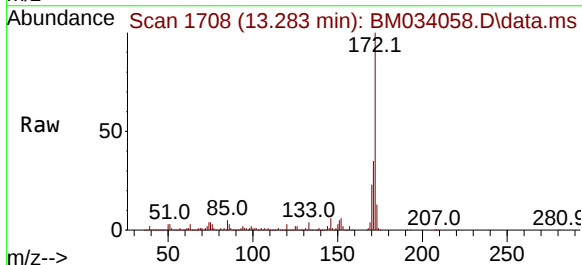
Tgt Ion:172 Resp: 1927218

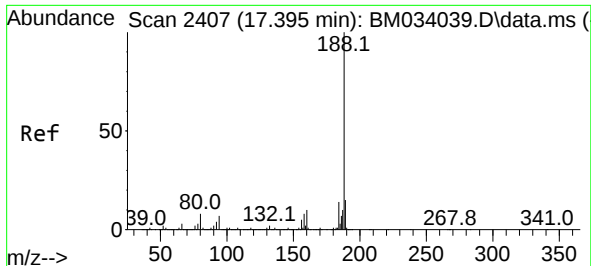
Ion Ratio Lower Upper

172 100

171 35.3 27.2 40.8

170 23.1 18.7 28.1

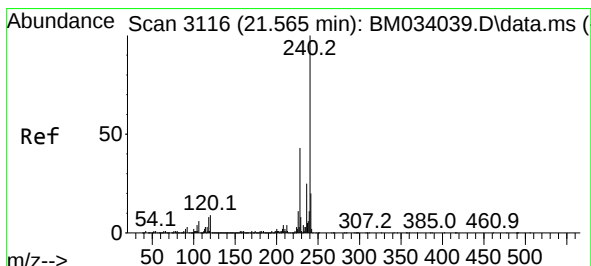
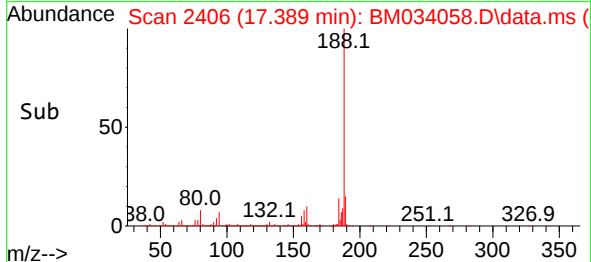
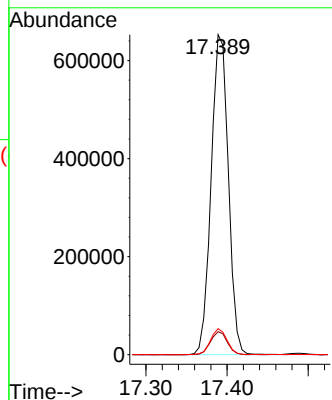
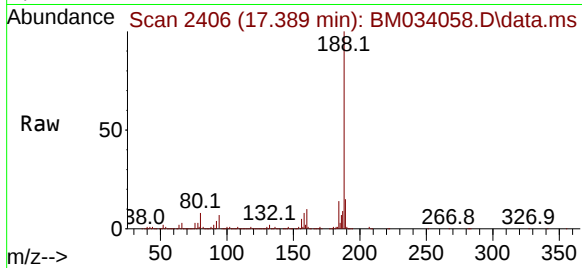




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.389 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM034058.D
Acq: 23 Feb 2022 18:28

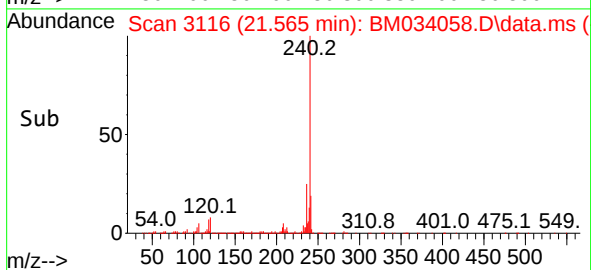
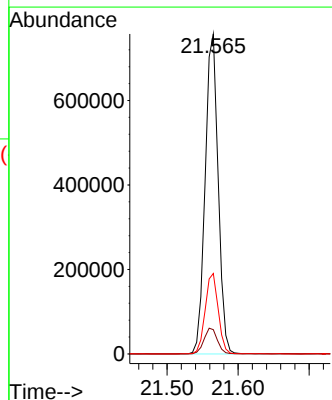
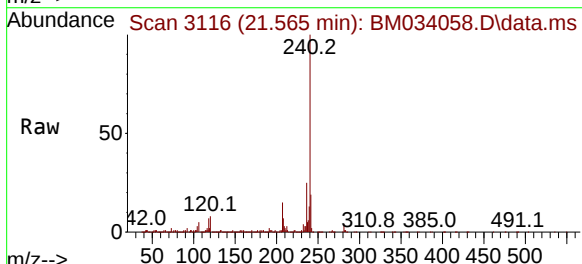
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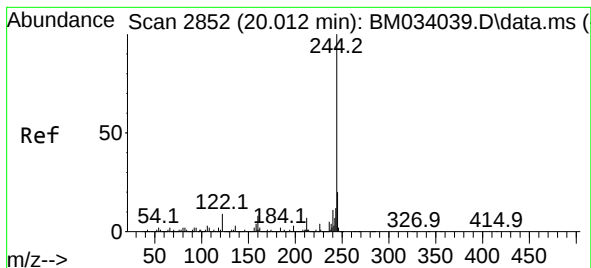
Tgt Ion:188 Resp: 959618
Ion Ratio Lower Upper
188 100
94 7.2 7.5 11.3#
80 8.1 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BM034058.D
Acq: 23 Feb 2022 18:28

Tgt Ion:240 Resp: 965763
Ion Ratio Lower Upper
240 100
120 7.6 7.8 11.6#
236 25.1 20.3 30.5





#79

Terphenyl-d14

Concen: 48.407 ng

RT: 20.006 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM034058.D

Acq: 23 Feb 2022 18:28

Instrument :

BNA_M

ClientSampleId :

20220099-MR-2-(DISCRETE)

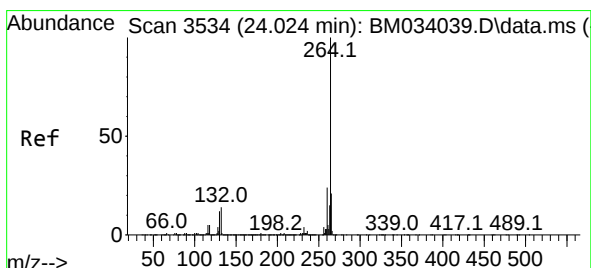
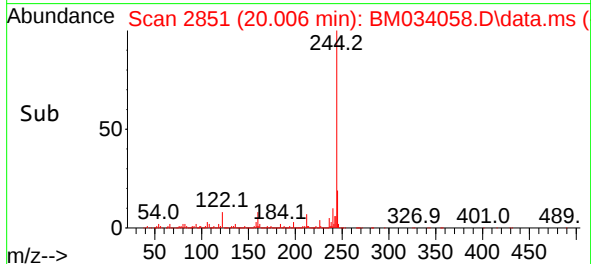
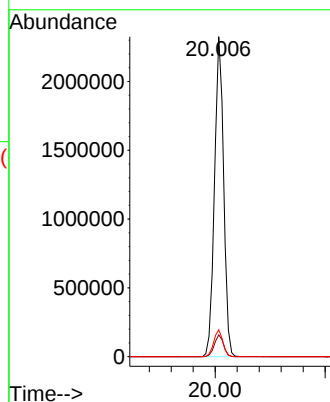
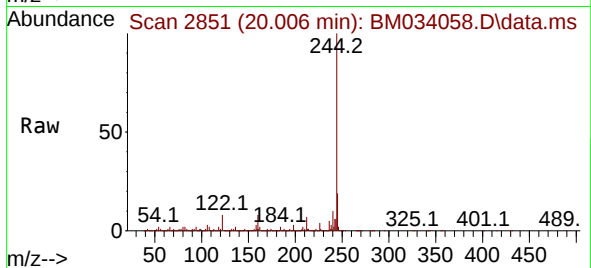
Tgt Ion:244 Resp: 2684691

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 8.4 8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.024 min Scan# 3534

Delta R.T. -0.000 min

Lab File: BM034058.D

Acq: 23 Feb 2022 18:28

Tgt Ion:264 Resp: 1045656

Ion Ratio Lower Upper

264 100

260 24.0 17.7 26.5

265 22.2 17.7 26.5

