

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040136.D
 Acq On : 07 Jun 2023 11:54
 Operator : MA/JU
 Sample : 03018-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 343

Quant Time: Jun 07 12:49:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

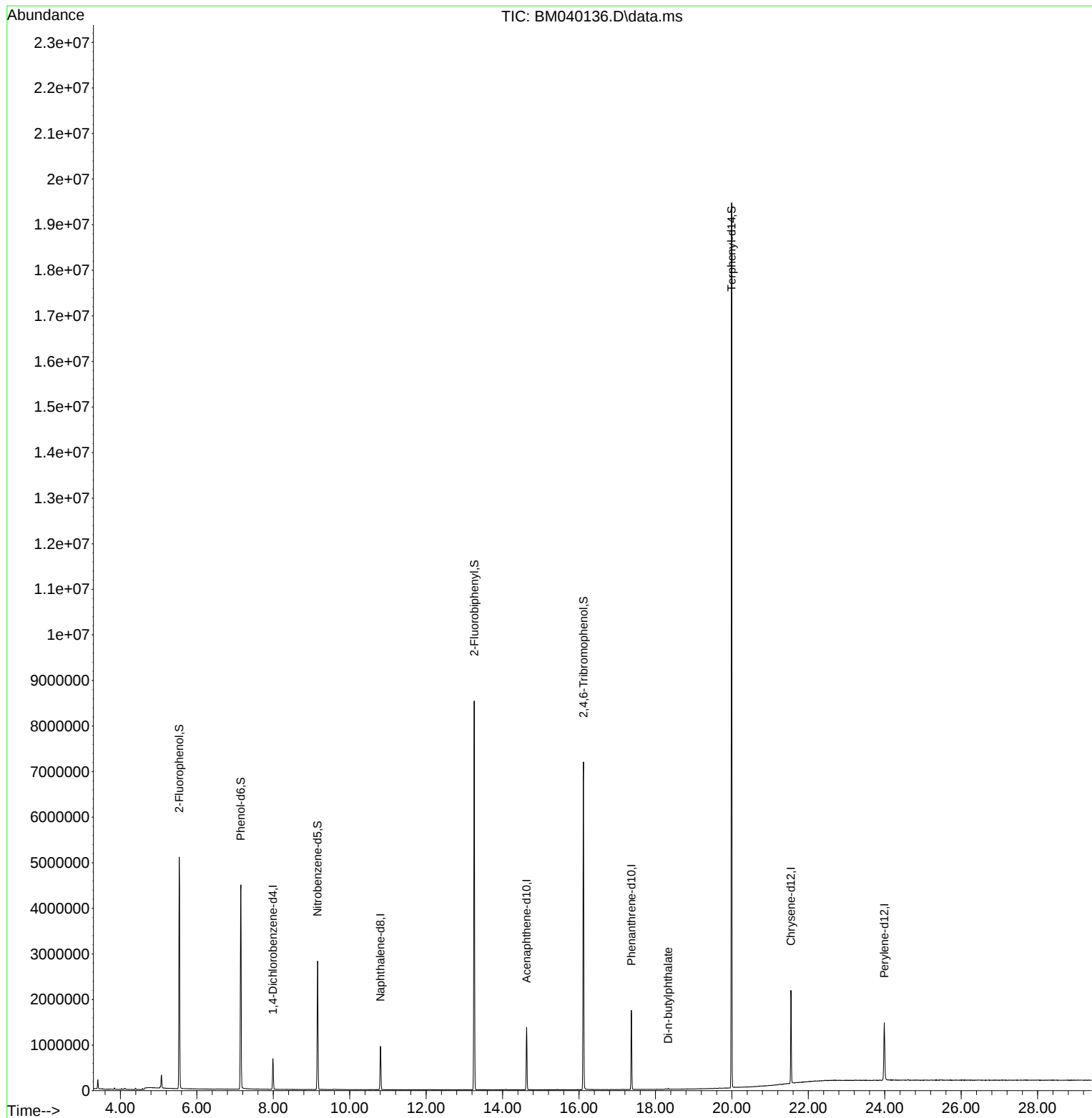
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	171665	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	741550	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	414068	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	907507	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	777031	20.000	ng	-0.01
86) Perylene-d12	23.986	264	760571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2111473	188.674	ng	0.00
7) Phenol-d6	7.151	99	2535893	173.708	ng	0.00
23) Nitrobenzene-d5	9.157	82	1540107	112.068	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1159888	215.822	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	3700422	105.408	ng	0.00
79) Terphenyl-d14	19.992	244	8073529	161.329	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.333	149	12452	3.847	ng	# 97

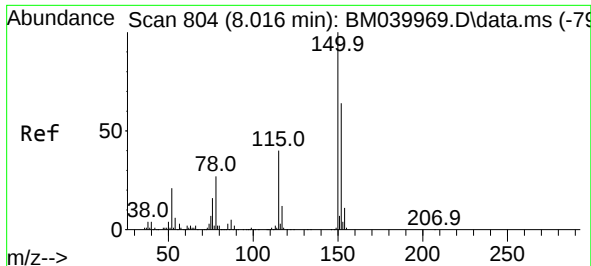
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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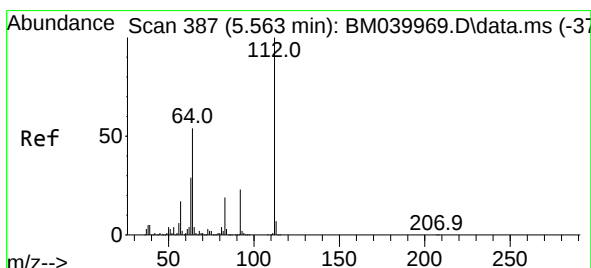
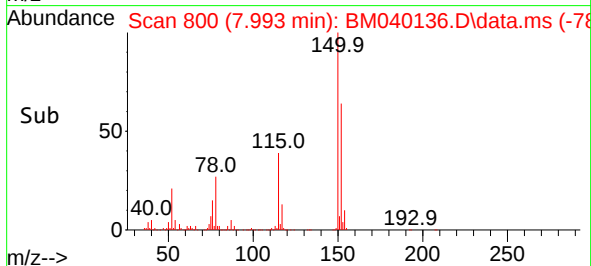
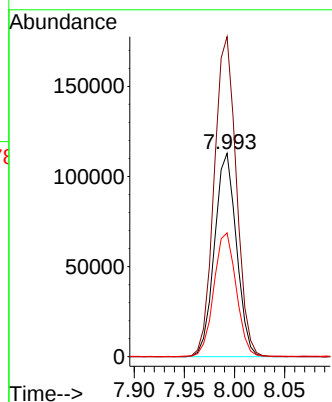
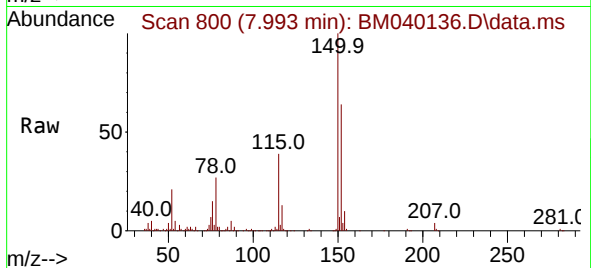




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM040136.D
Acq: 07 Jun 2023 11:54

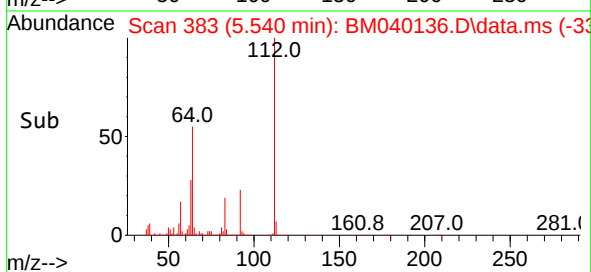
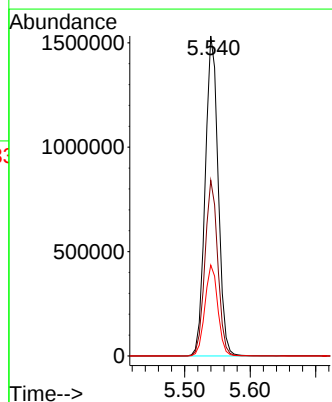
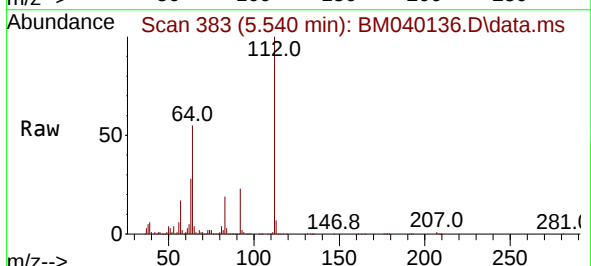
Instrument :
BNA_M
ClientSampleId :
343

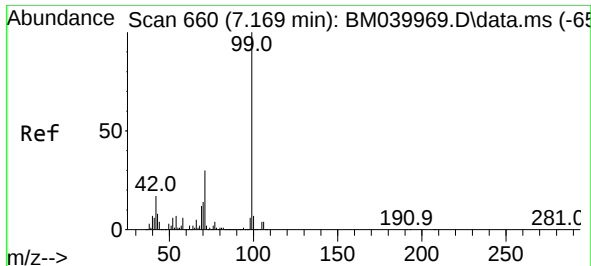
Tgt Ion:152 Resp: 171665
Ion Ratio Lower Upper
152 100
150 157.4 125.5 188.3
115 60.9 50.2 75.2



#5
2-Fluorophenol
Concen: 188.674 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040136.D
Acq: 07 Jun 2023 11:54

Tgt Ion:112 Resp: 2111473
Ion Ratio Lower Upper
112 100
64 54.9 43.0 64.4
63 28.4 22.9 34.3

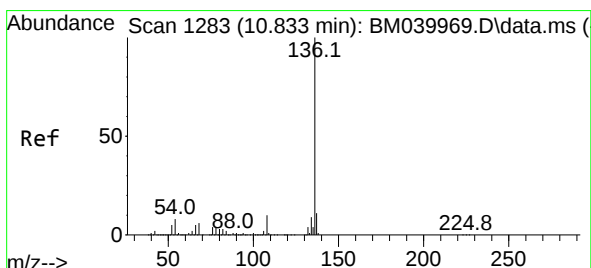
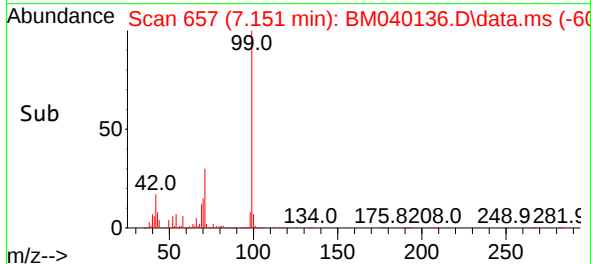
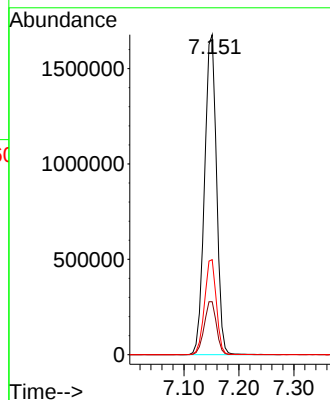
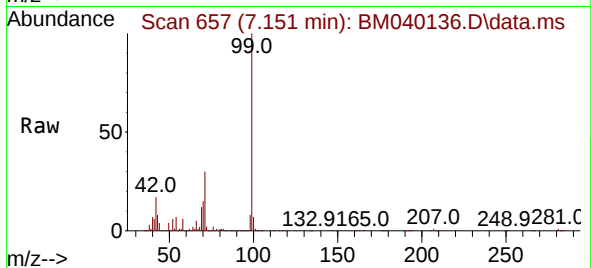




#7
Phenol-d6
Concen: 173.708 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040136.D
Acq: 07 Jun 2023 11:54

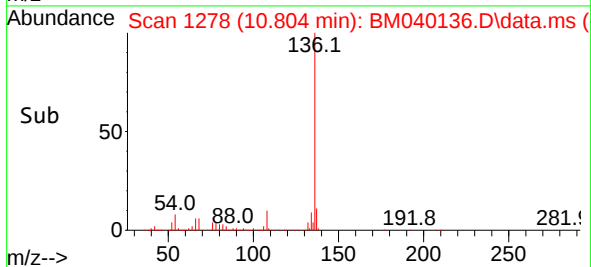
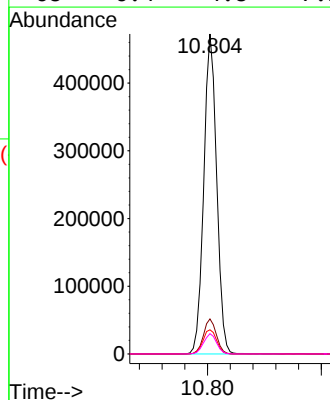
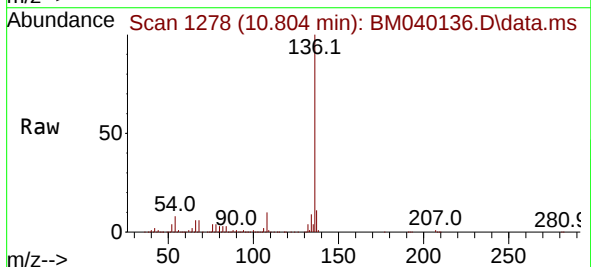
Instrument :
BNA_M
ClientSampleId :
343

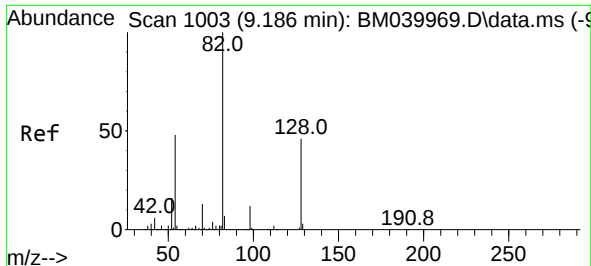
Tgt Ion: 99 Resp: 2535893
Ion Ratio Lower Upper
99 100
42 16.6 13.8 20.6
71 29.7 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040136.D
Acq: 07 Jun 2023 11:54

Tgt Ion: 136 Resp: 741550
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.6 6.1 9.1
68 6.4 4.8 7.2

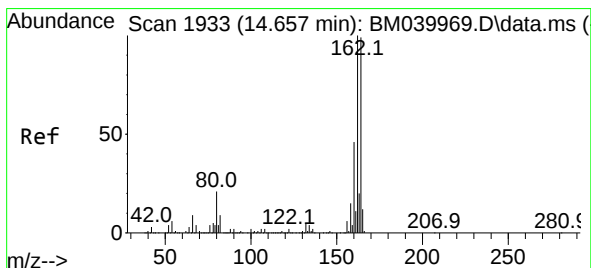
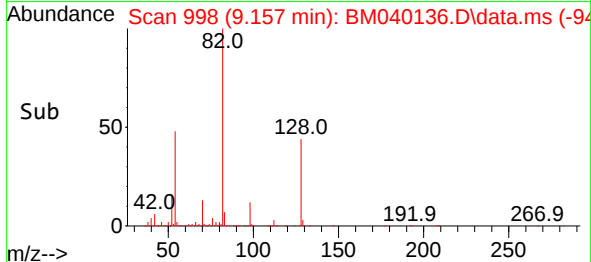
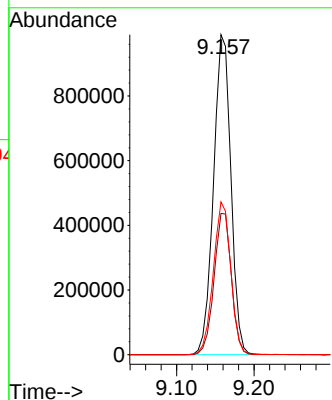
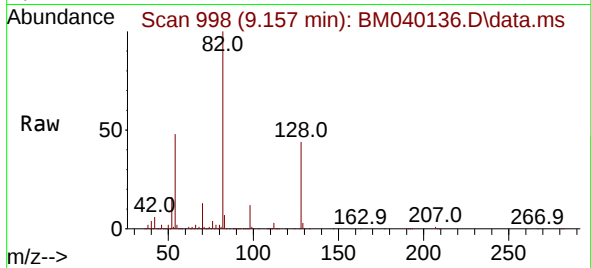




#23
Nitrobenzene-d5
Concen: 112.068 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040136.D
Acq: 07 Jun 2023 11:54

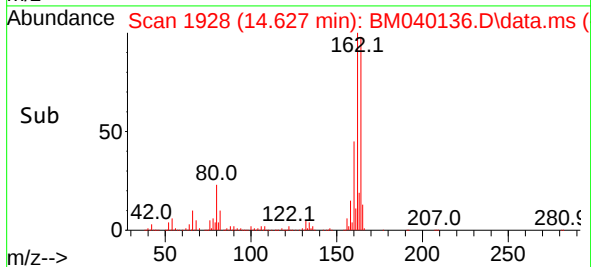
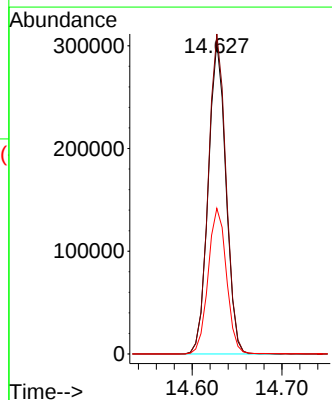
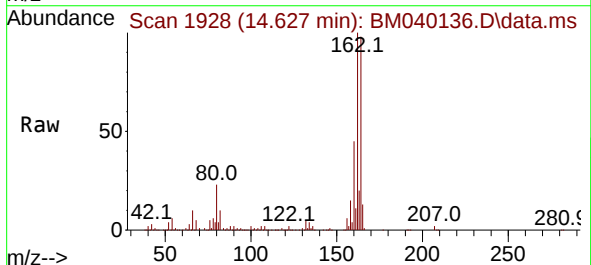
Instrument :
BNA_M
ClientSampleId :
343

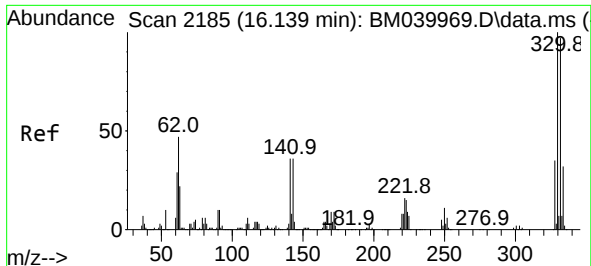
Tgt Ion: 82 Resp: 1540107
Ion Ratio Lower Upper
82 100
128 44.2 36.5 54.7
54 47.8 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM040136.D
Acq: 07 Jun 2023 11:54

Tgt Ion:164 Resp: 414068
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 46.6 36.7 55.1

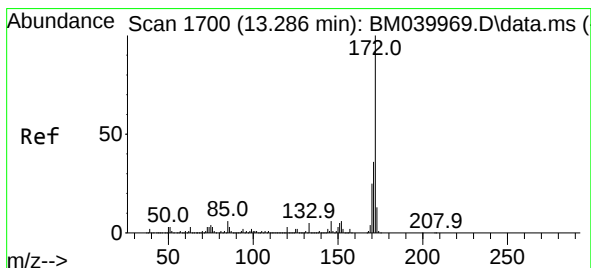
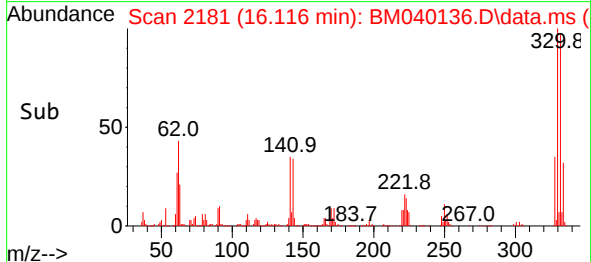
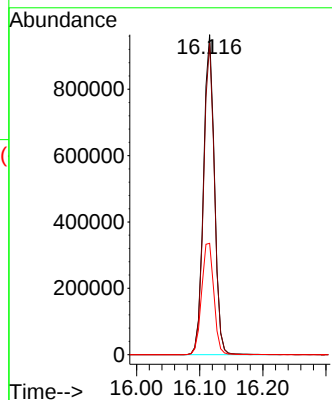
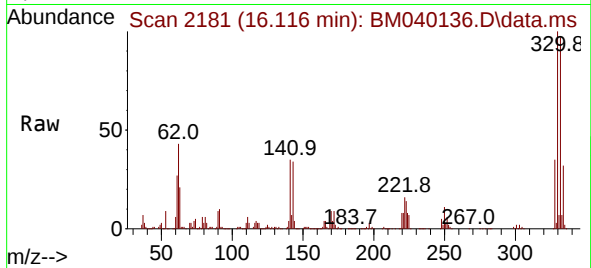




#42
2,4,6-Tribromophenol
Concen: 215.822 ng
RT: 16.116 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM040136.D
Acq: 07 Jun 2023 11:54

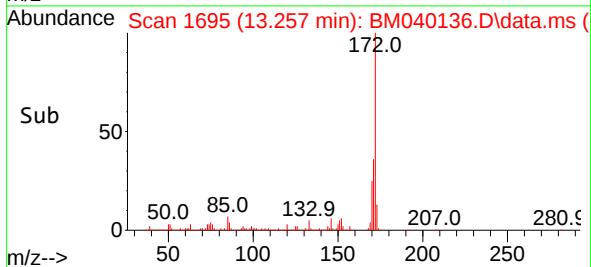
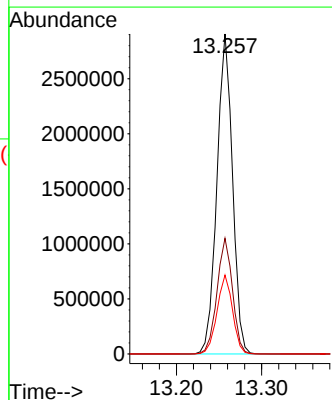
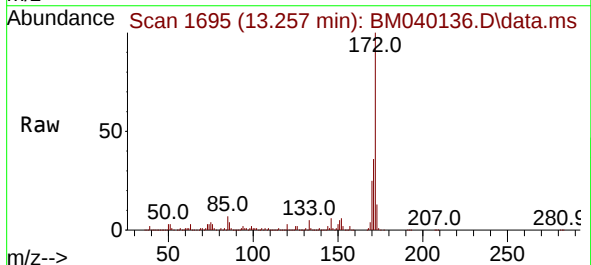
Instrument :
BNA_M
ClientSampleId :
343

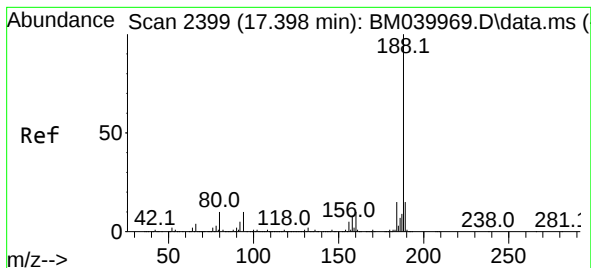
Tgt Ion:330 Resp: 1159888
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 39.1 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 105.408 ng
RT: 13.257 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM040136.D
Acq: 07 Jun 2023 11:54

Tgt Ion:172 Resp: 3700422
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.6 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040136.D

Acq: 07 Jun 2023 11:54

Instrument :

BNA_M

ClientSampleId :

343

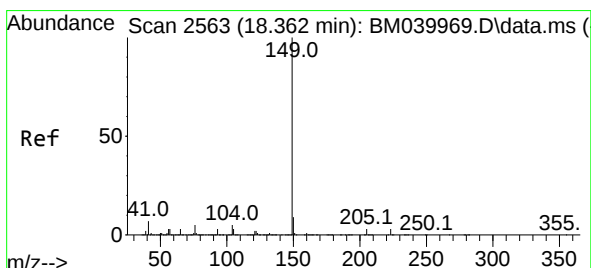
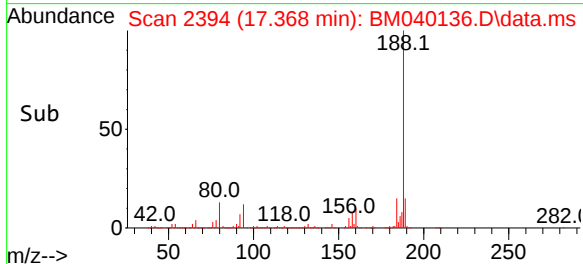
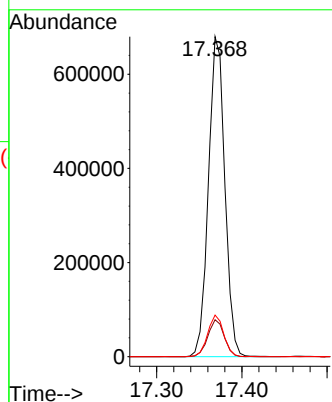
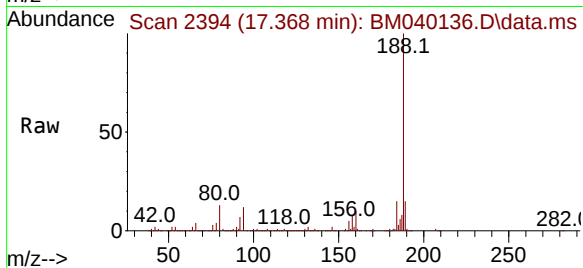
Tgt Ion:188 Resp: 907507

Ion Ratio Lower Upper

188 100

94 11.6 7.8 11.8

80 13.0 8.2 12.4#



#74

Di-n-butylphthalate

Concen: 3.847 ng

RT: 18.333 min Scan# 2558

Delta R.T. -0.012 min

Lab File: BM040136.D

Acq: 07 Jun 2023 11:54

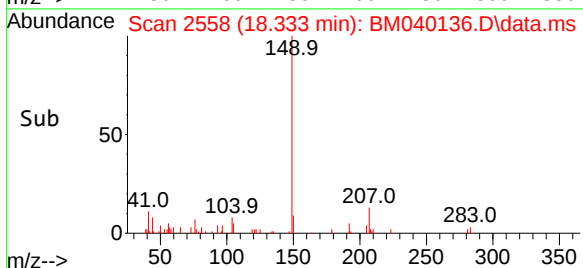
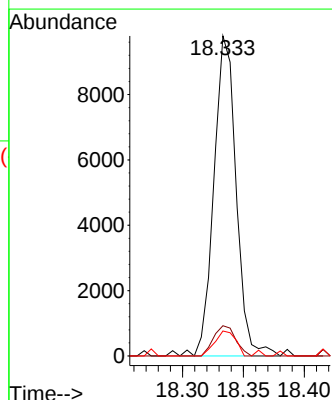
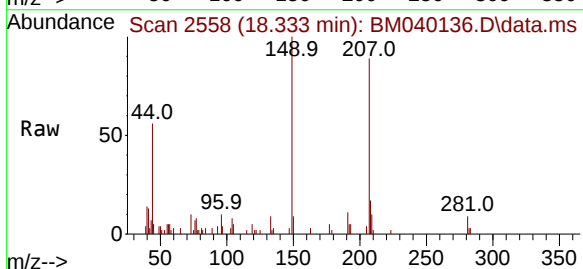
Tgt Ion:149 Resp: 12452

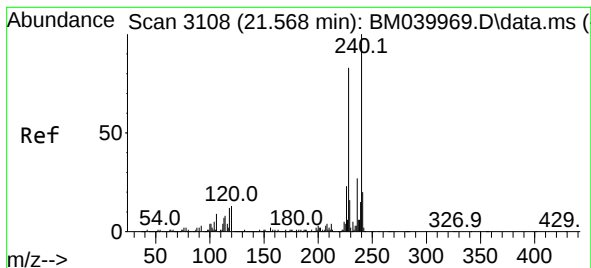
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 7.8 4.2 6.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3108

Delta R.T. -0.012 min

Lab File: BM040136.D

Acq: 07 Jun 2023 11:54

Instrument :

BNA_M

ClientSampleId :

343

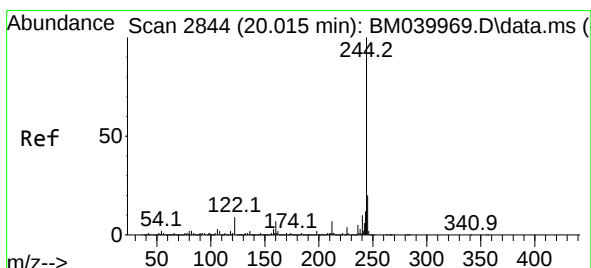
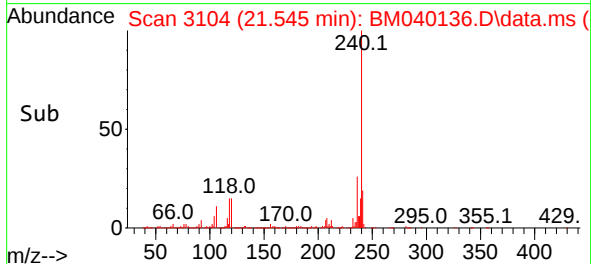
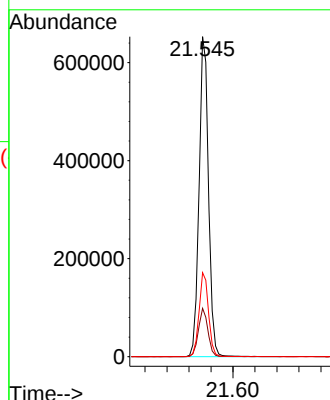
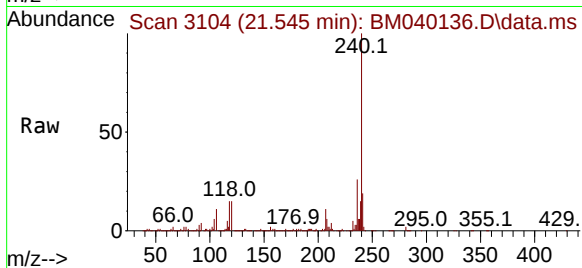
Tgt Ion:240 Resp: 777031

Ion Ratio Lower Upper

240 100

120 15.1 10.1 15.1

236 26.2 21.3 31.9



#79

Terphenyl-d14

Concen: 161.329 ng

RT: 19.992 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BM040136.D

Acq: 07 Jun 2023 11:54

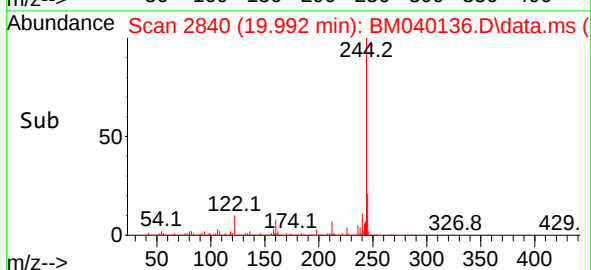
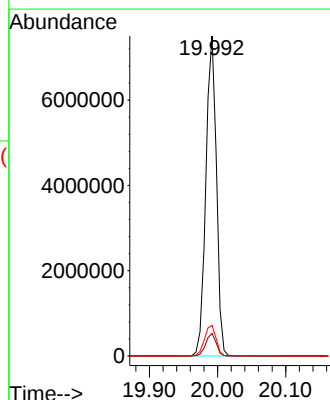
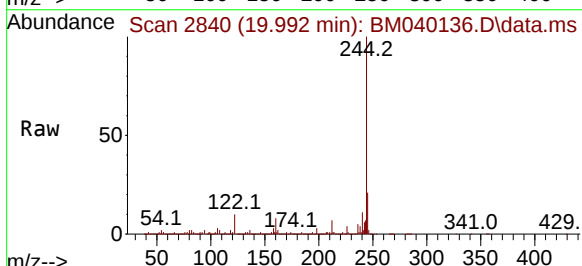
Tgt Ion:244 Resp: 8073529

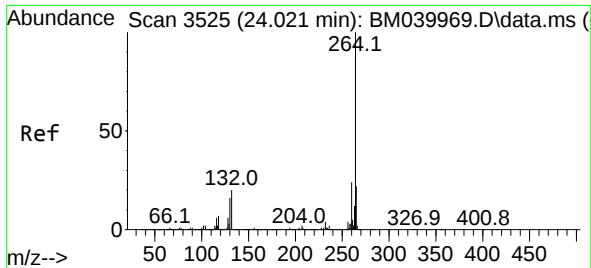
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 9.6 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.986 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM040136.D
Acq: 07 Jun 2023 11:54

Instrument :
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343

Tgt Ion:264 Resp: 760571
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 22.4 17.7 26.5

