

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039563.D
 Acq On : 21 Apr 2023 22:16
 Operator : CG/JU
 Sample : 02406-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-13-COMP

Quant Time: Apr 22 01:48:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

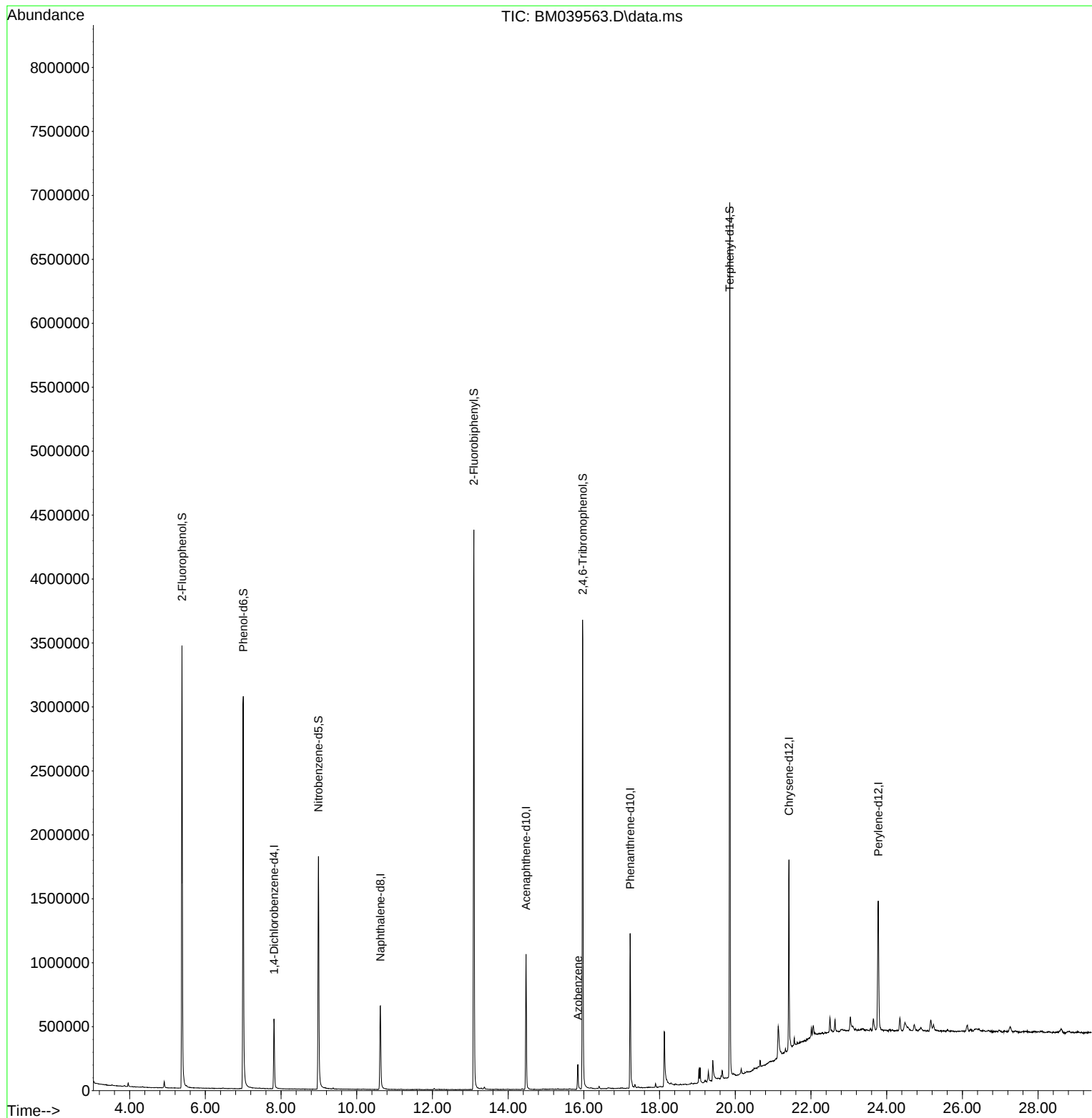
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	149693	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	611961	20.000	ng	0.00
39) Acenaphthene-d10	14.471	164	364718	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	743590	20.000	ng	0.00
76) Chrysene-d12	21.418	240	679469	20.000	ng	0.00
86) Perylene-d12	23.777	264	747706	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1463085	159.688	ng	0.00
7) Phenol-d6	7.001	99	1875018	139.252	ng	0.00
23) Nitrobenzene-d5	8.989	82	1130684	90.480	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	627370	132.559	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	2245012	85.169	ng	0.00
79) Terphenyl-d14	19.853	244	3198110	84.912	ng	-0.01
Target Compounds						
63) Azobenzene	15.842	77	62981	2.112	ng	Qvalue # 1

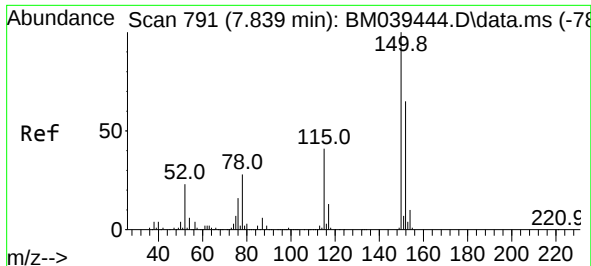
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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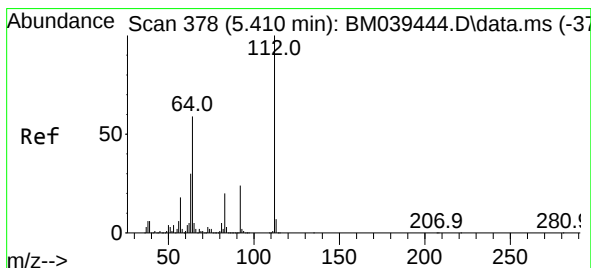
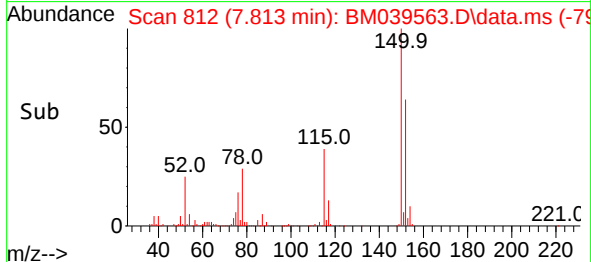
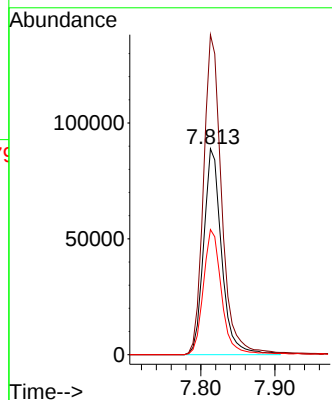
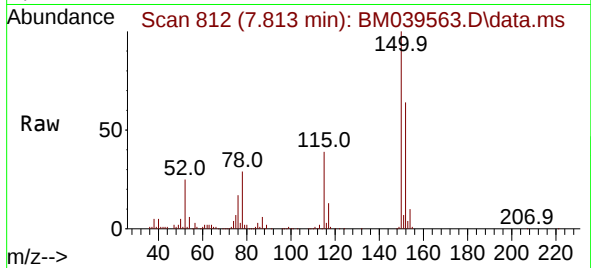




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039563.D
Acq: 21 Apr 2023 22:16

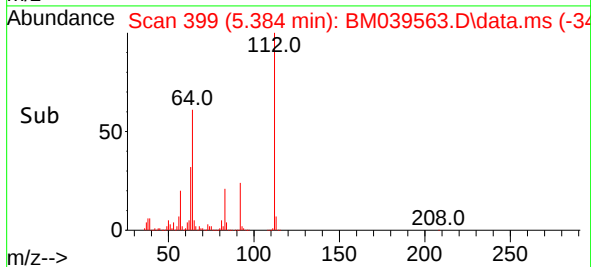
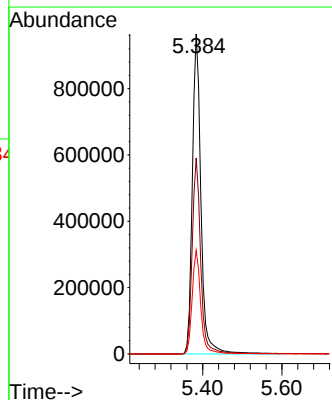
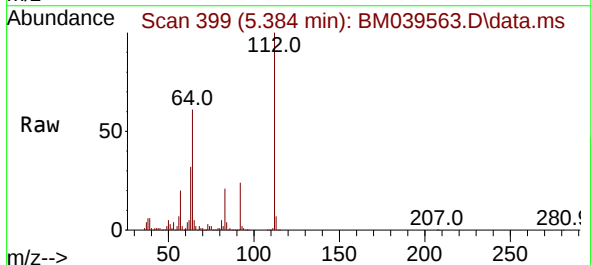
Instrument :
BNA_M
ClientSampleId :
SB-13-COMP

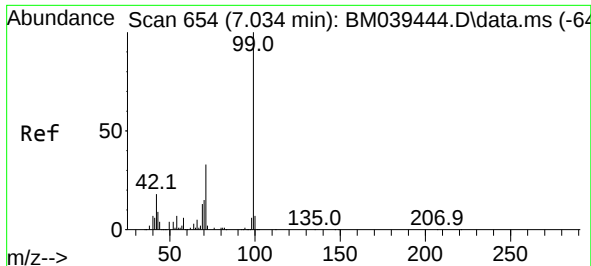
Tgt Ion:152 Resp: 149693
Ion Ratio Lower Upper
152 100
150 155.4 123.0 184.4
115 60.7 49.9 74.9



#5
2-Fluorophenol
Concen: 159.688 ng
RT: 5.384 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM039563.D
Acq: 21 Apr 2023 22:16

Tgt Ion:112 Resp: 1463085
Ion Ratio Lower Upper
112 100
64 61.3 47.0 70.4
63 32.4 24.2 36.4

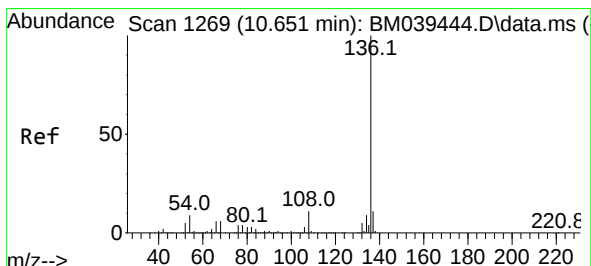
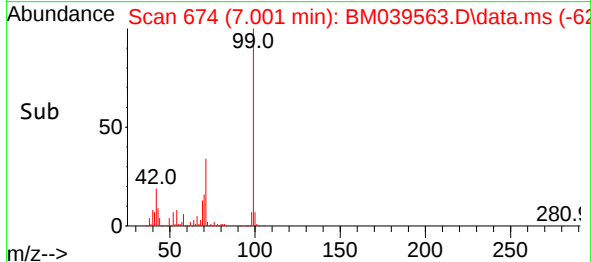
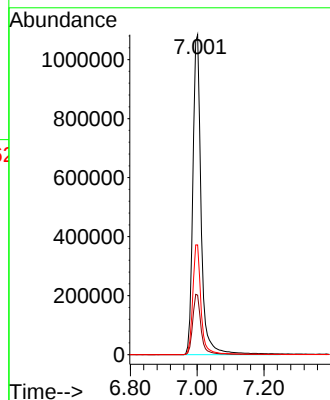
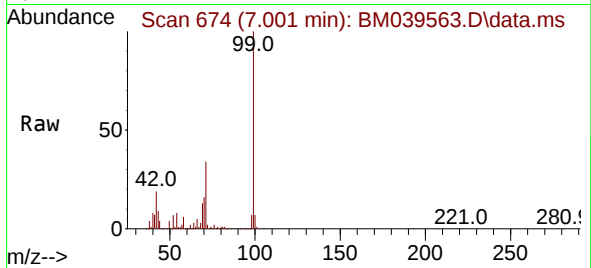




#7
Phenol-d6
Concen: 139.252 ng
RT: 7.001 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039563.D
Acq: 21 Apr 2023 22:16

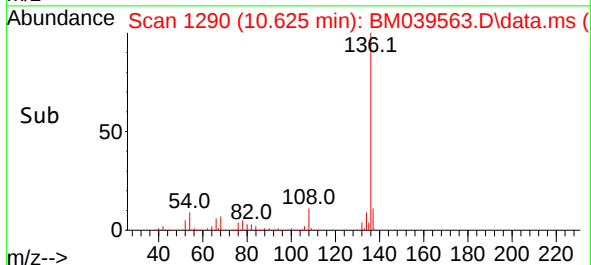
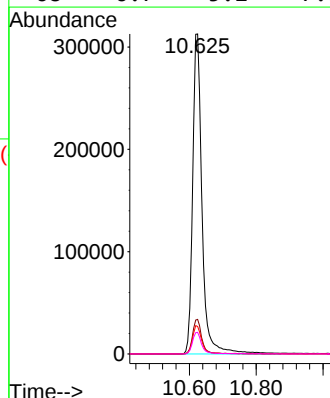
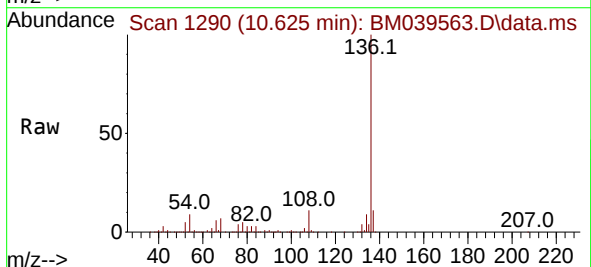
Instrument :
BNA_M
ClientSampleId :
SB-13-COMP

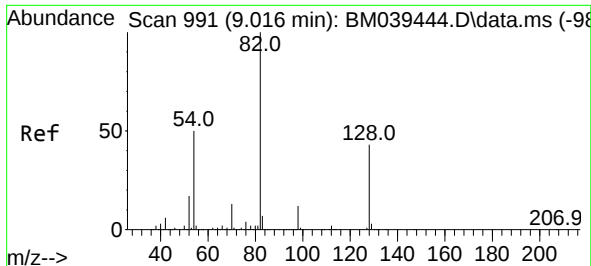
Tgt Ion: 99 Resp: 1875018
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 34.3 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM039563.D
Acq: 21 Apr 2023 22:16

Tgt Ion: 136 Resp: 611961
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 6.9 10.3
68 6.7 5.2 7.8





#23
Nitrobenzene-d5
Concen: 90.480 ng
RT: 8.989 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM039563.D
Acq: 21 Apr 2023 22:16

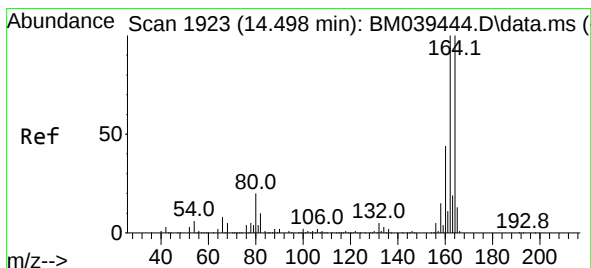
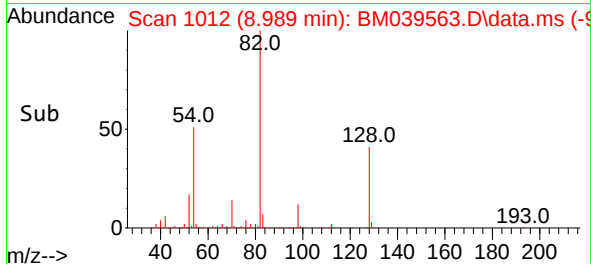
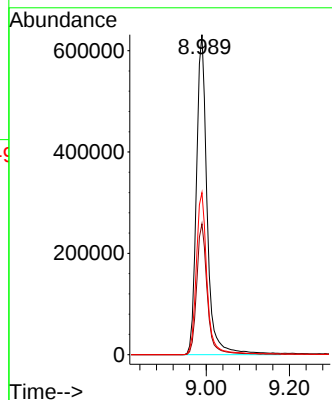
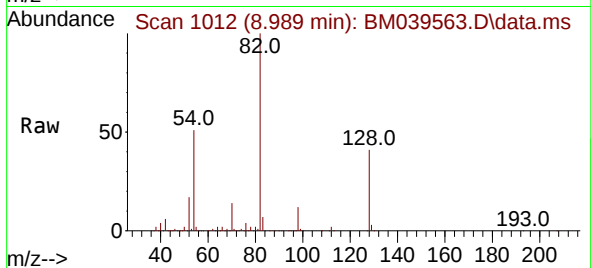
Instrument :

BNA_M

ClientSampleId :

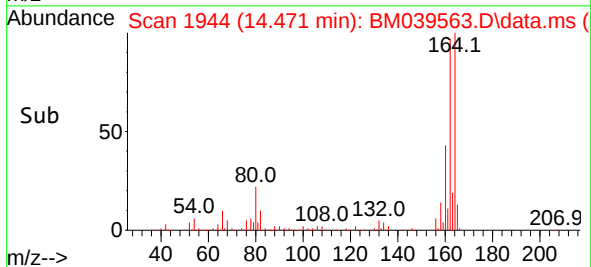
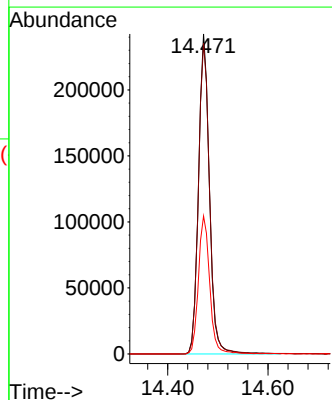
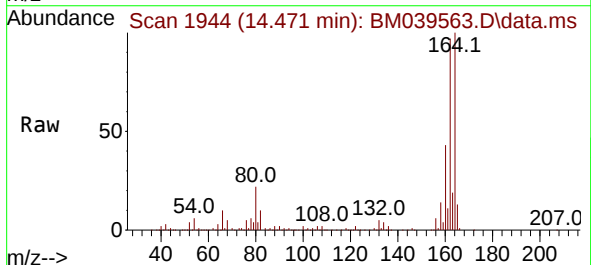
SB-13-COMP

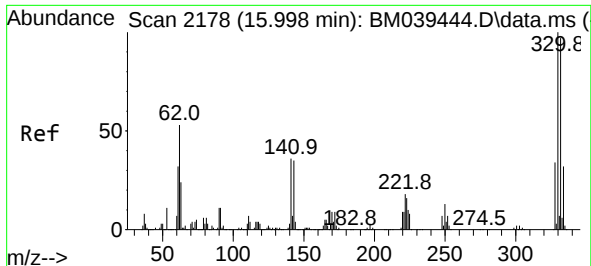
Tgt Ion: 82 Resp: 1130684
Ion Ratio Lower Upper
82 100
128 40.9 34.2 51.2
54 50.6 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.471 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM039563.D
Acq: 21 Apr 2023 22:16

Tgt Ion: 164 Resp: 364718
Ion Ratio Lower Upper
164 100
162 97.1 79.8 119.8
160 43.1 35.0 52.4

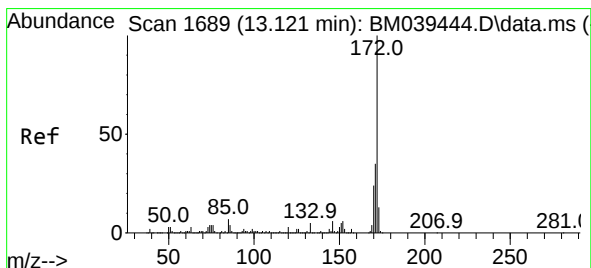
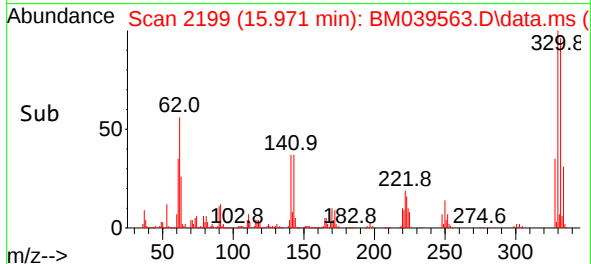
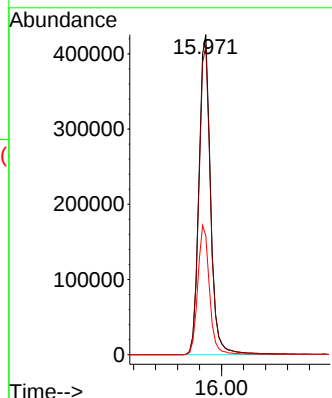
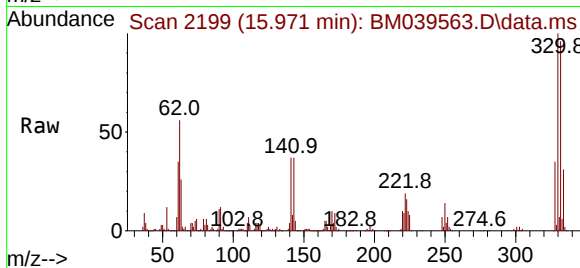




#42
2,4,6-Tribromophenol
Concen: 132.559 ng
RT: 15.971 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039563.D
Acq: 21 Apr 2023 22:16

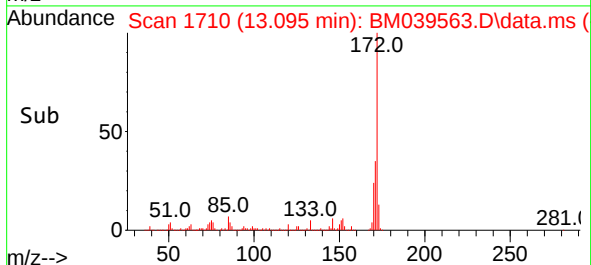
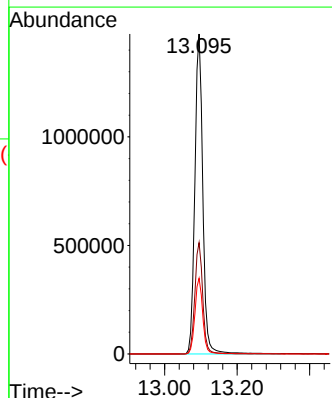
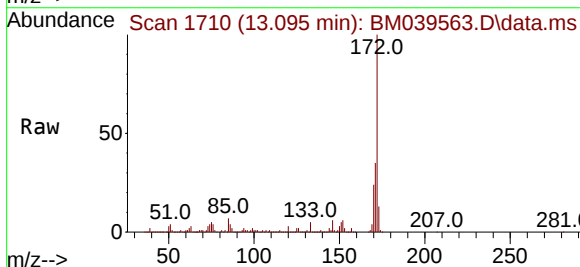
Instrument :
BNA_M
ClientSampleId :
SB-13-COMP

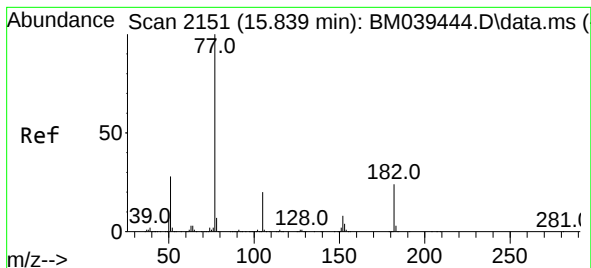
Tgt Ion:330 Resp: 627370
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 40.6 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 85.169 ng
RT: 13.095 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM039563.D
Acq: 21 Apr 2023 22:16

Tgt Ion:172 Resp: 2245012
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.6 19.0 28.4





#63

Azobenzene

Concen: 2.112 ng

RT: 15.842 min Scan# 21

Delta R.T. 0.023 min

Lab File: BM039563.D

Acq: 21 Apr 2023 22:16

Instrument :

BNA_M

ClientSampleId :

SB-13-COMP

Tgt Ion: 77 Resp: 62981

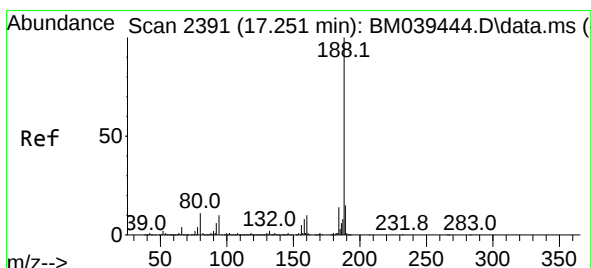
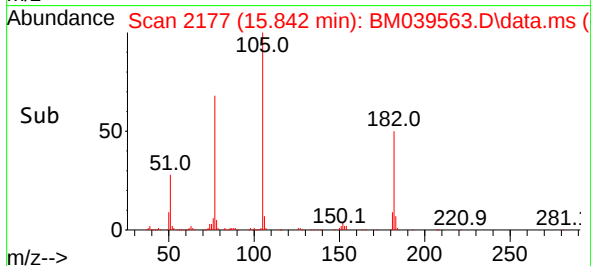
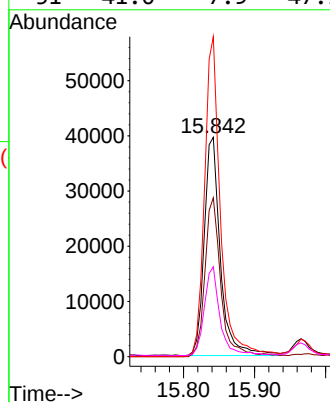
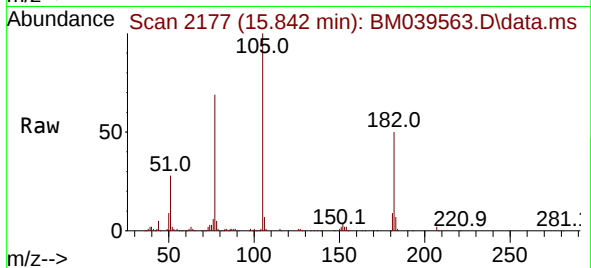
Ion Ratio Lower Upper

77 100

182 72.5 3.7 43.7#

105 145.9 0.5 40.5#

51 41.0 7.9 47.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.224 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM039563.D

Acq: 21 Apr 2023 22:16

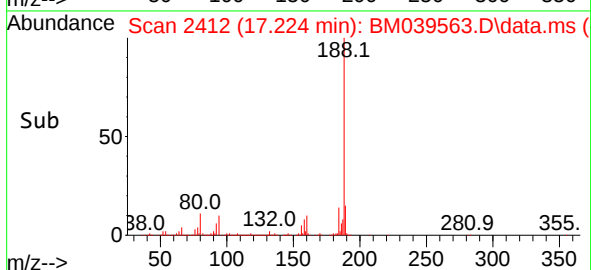
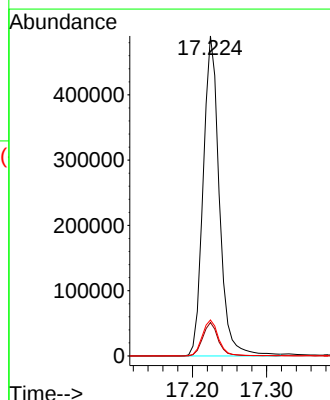
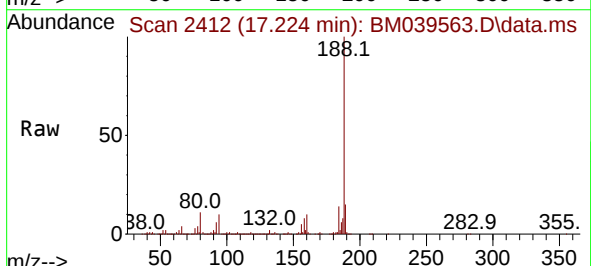
Tgt Ion:188 Resp: 743590

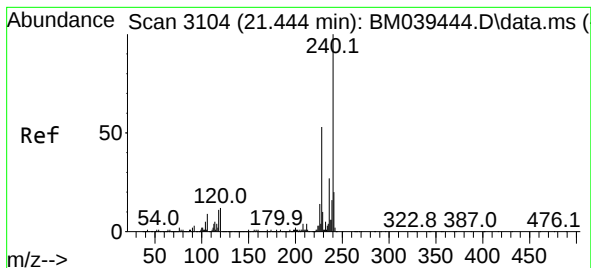
Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

80 11.3 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.418 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039563.D

Acq: 21 Apr 2023 22:16

Instrument :

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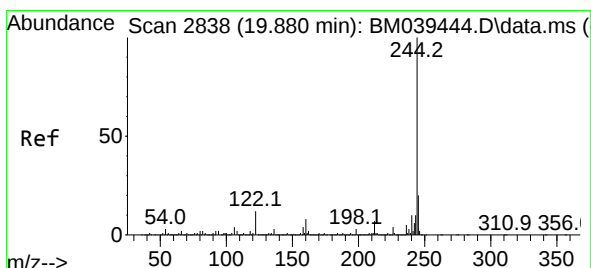
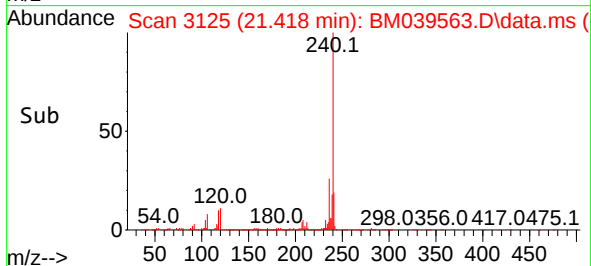
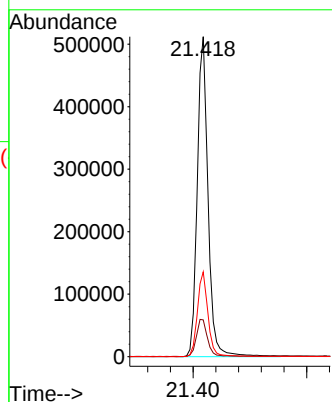
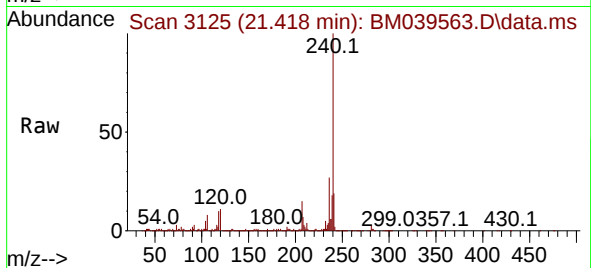
Tgt Ion:240 Resp: 679469

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 26.5 21.2 31.8



#79

Terphenyl-d14

Concen: 84.912 ng

RT: 19.853 min Scan# 2859

Delta R.T. -0.012 min

Lab File: BM039563.D

Acq: 21 Apr 2023 22:16

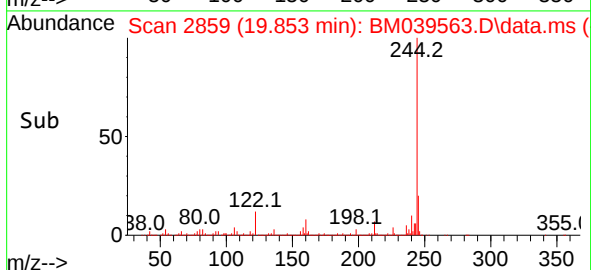
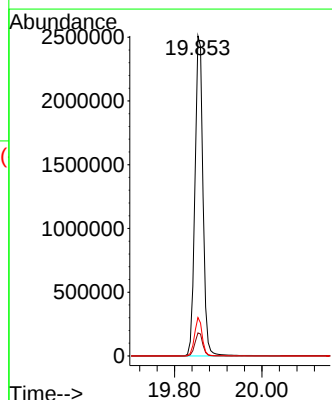
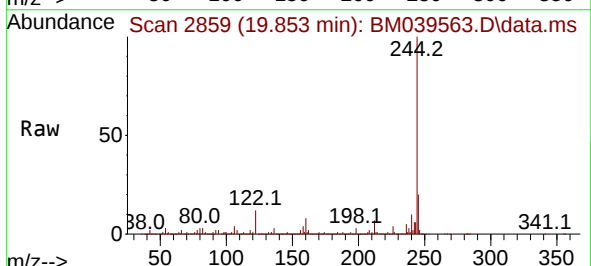
Tgt Ion:244 Resp: 3198110

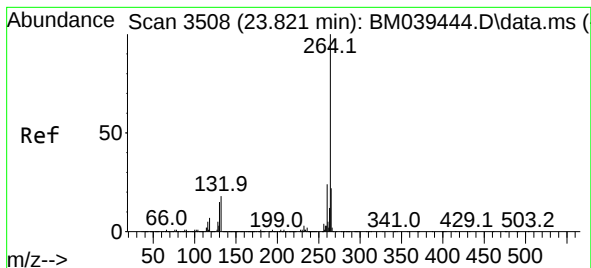
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 12.0 9.5 14.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.777 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM039563.D

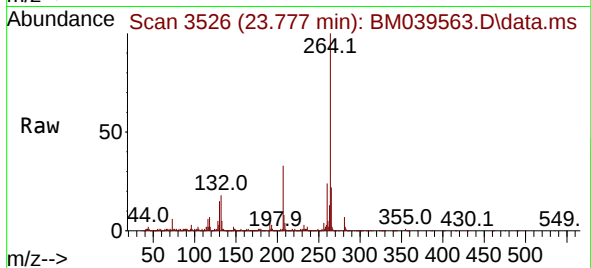
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Tgt Ion:264 Resp: 747706

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.7 18.0 27.0

