

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040111.D
 Acq On : 06 Jun 2023 19:35
 Operator : MA/JU
 Sample : PB153150TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153150TB

Quant Time: Jun 07 02:13:25 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	251387	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1112066	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	635640	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1349403	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1140091	20.000	ng	0.00
86) Perylene-d12	23.991	264	1188040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	2485027	151.634	ng	0.00
7) Phenol-d6	7.151	99	3176275	148.575	ng	0.00
23) Nitrobenzene-d5	9.163	82	1675828	81.315	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1222303	148.156	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	4232314	78.534	ng	0.00
79) Terphenyl-d14	19.992	244	7796082	106.175	ng	0.00

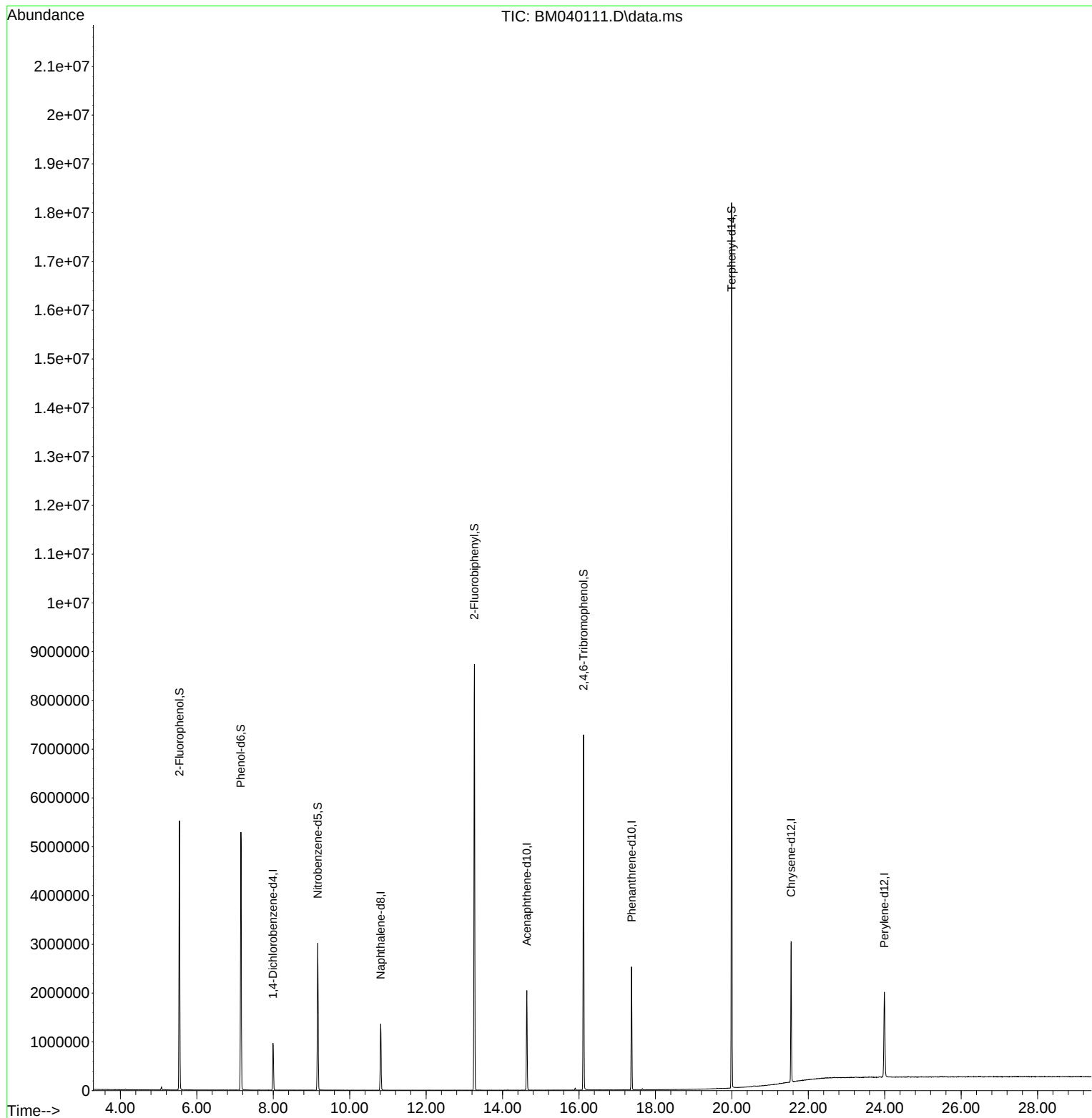
Target Compounds	Qvalue

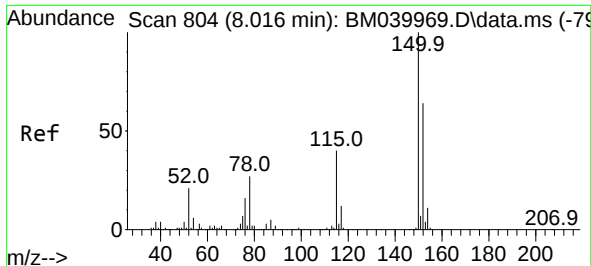
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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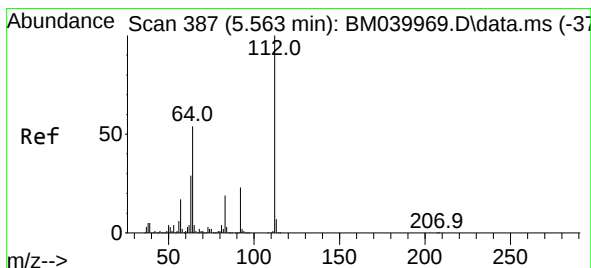
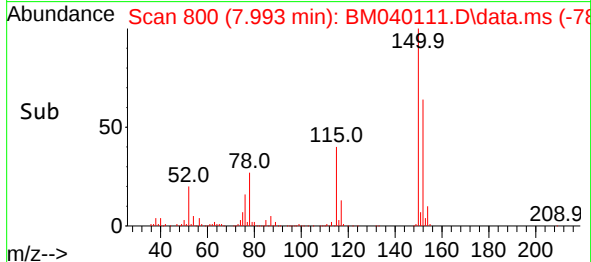
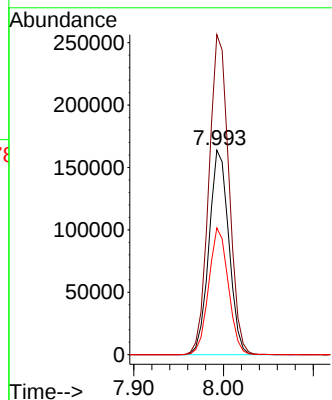
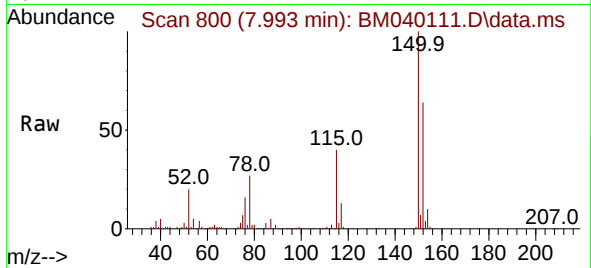




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM040111.D
Acq: 06 Jun 2023 19:35

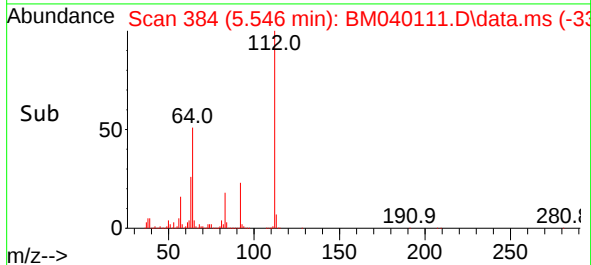
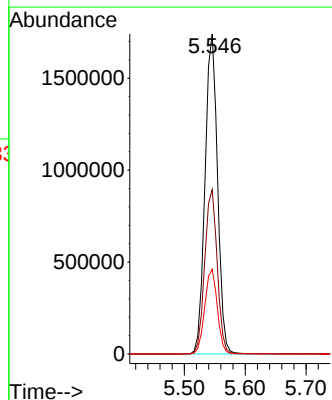
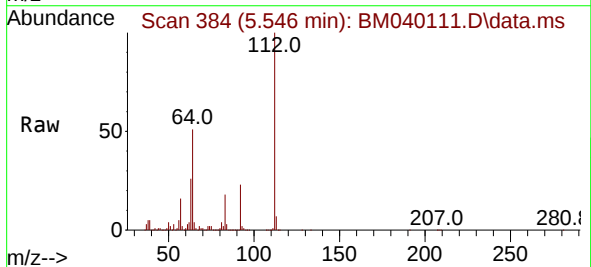
Instrument :
BNA_M
ClientSampleId :
PB153150TB

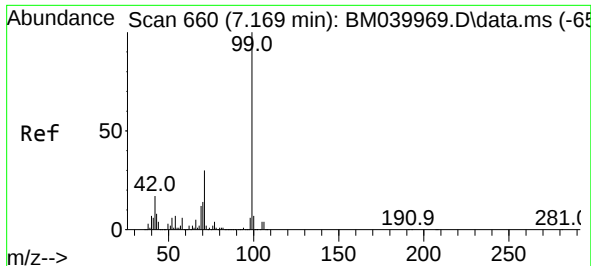
Tgt Ion:152 Resp: 251387
Ion Ratio Lower Upper
152 100
150 156.5 125.5 188.3
115 62.0 50.2 75.2



#5
2-Fluorophenol
Concen: 151.634 ng
RT: 5.546 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM040111.D
Acq: 06 Jun 2023 19:35

Tgt Ion:112 Resp: 2485027
Ion Ratio Lower Upper
112 100
64 51.3 43.0 64.4
63 26.5 22.9 34.3



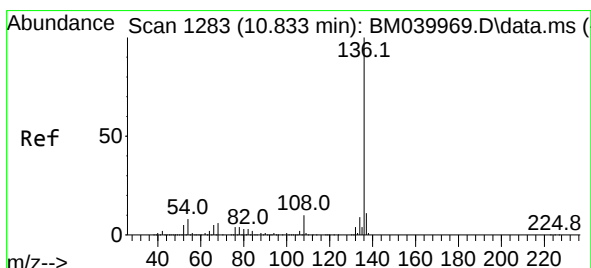
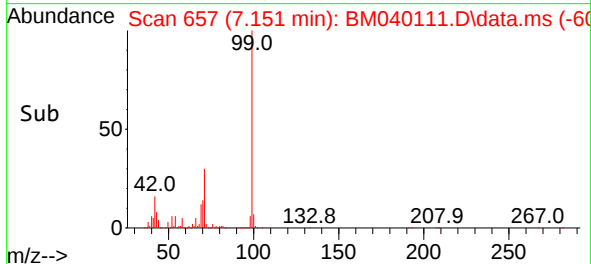
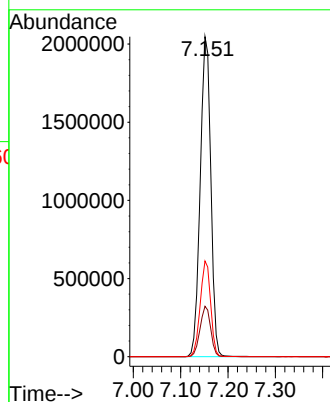
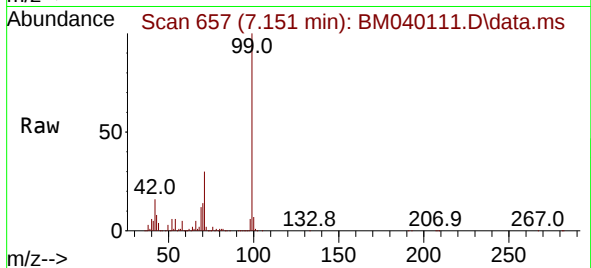


#7
Phenol-d6
Concen: 148.575 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040111.D
Acq: 06 Jun 2023 19:35

Instrument :
BNA_M
ClientSampleId :
PB153150TB

Tgt Ion: 99 Resp: 3176275

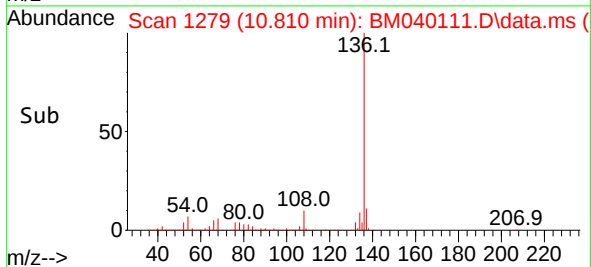
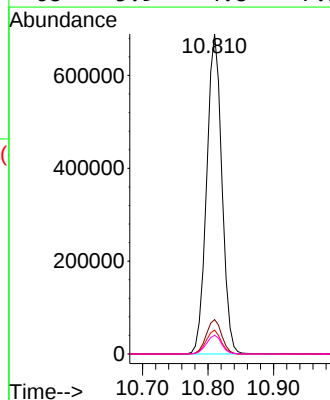
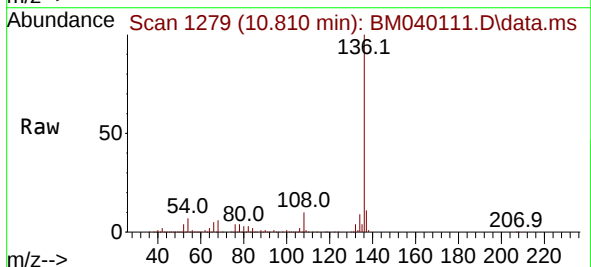
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.8	20.6
71	29.9	24.4	36.6

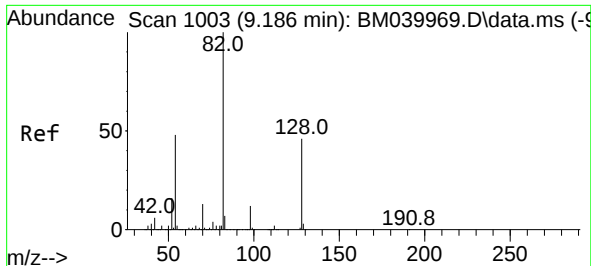


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BM040111.D
Acq: 06 Jun 2023 19:35

Tgt Ion: 136 Resp: 1112066

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.5	6.1	9.1
68	5.9	4.8	7.2

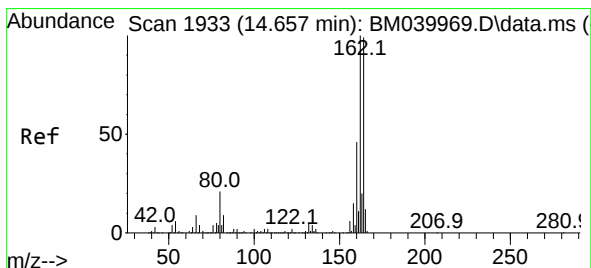
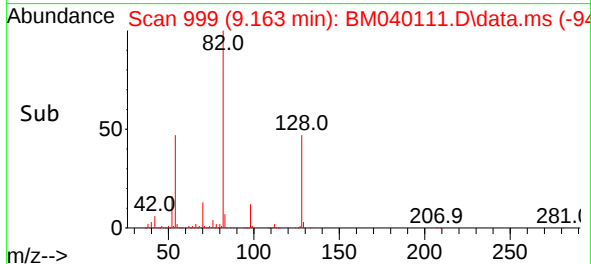
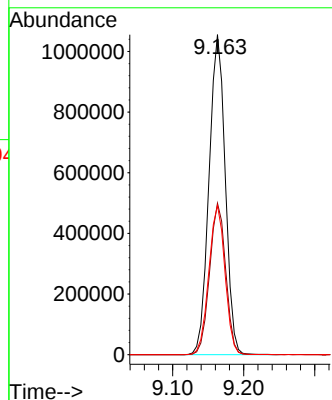
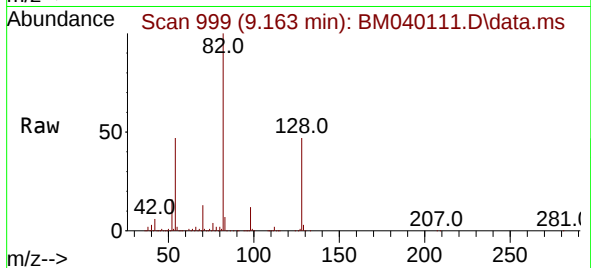




#23
Nitrobenzene-d5
Concen: 81.315 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040111.D
Acq: 06 Jun 2023 19:35

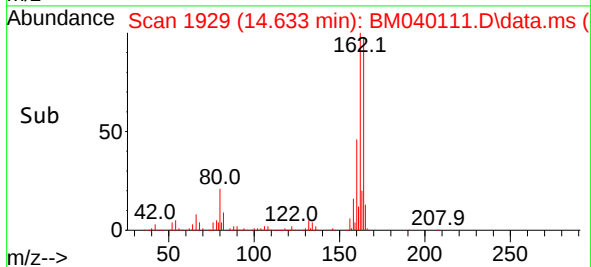
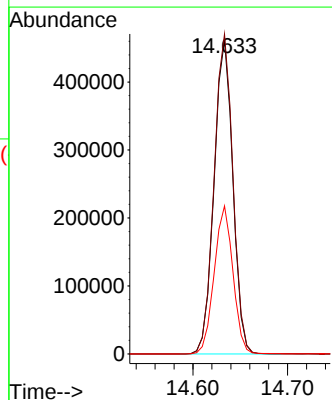
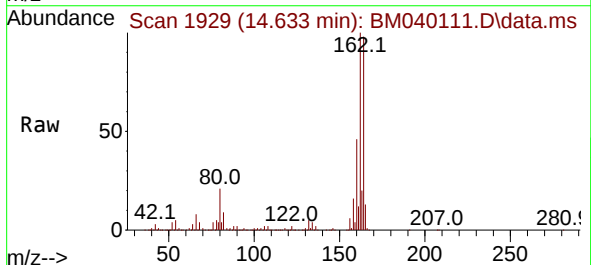
Instrument :
BNA_M
ClientSampleId :
PB153150TB

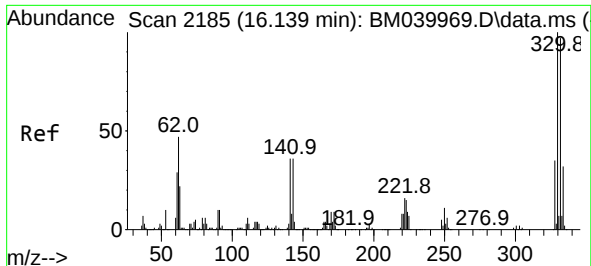
Tgt Ion: 82 Resp: 1675828
Ion Ratio Lower Upper
82 100
128 47.4 36.5 54.7
54 46.6 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM040111.D
Acq: 06 Jun 2023 19:35

Tgt Ion: 164 Resp: 635640
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 47.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 148.156 ng

RT: 16.116 min Scan# 2185

Delta R.T. -0.006 min

Lab File: BM040111.D

Acq: 06 Jun 2023 19:35

Instrument :

BNA_M

ClientSampleId :

PB153150TB

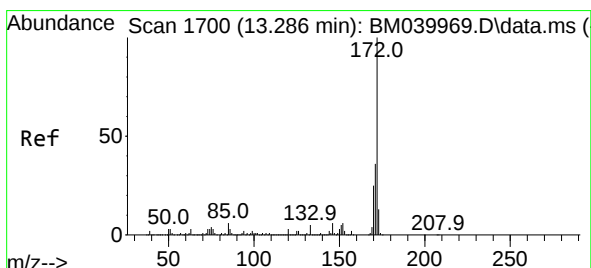
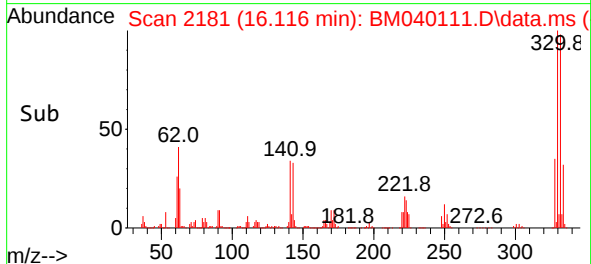
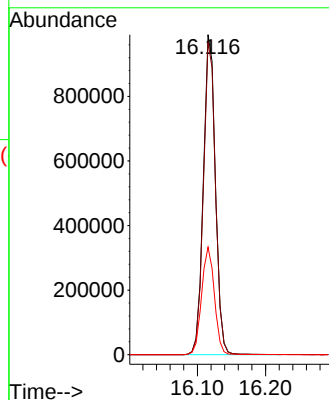
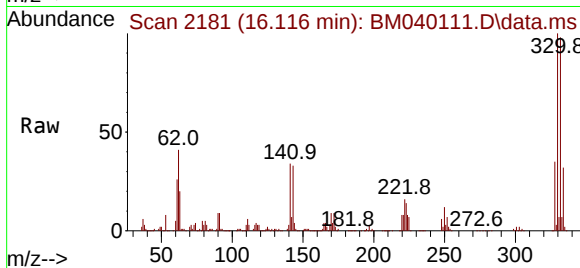
Tgt Ion:330 Resp: 1222303

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

141 35.7 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 78.534 ng

RT: 13.263 min Scan# 1696

Delta R.T. -0.000 min

Lab File: BM040111.D

Acq: 06 Jun 2023 19:35

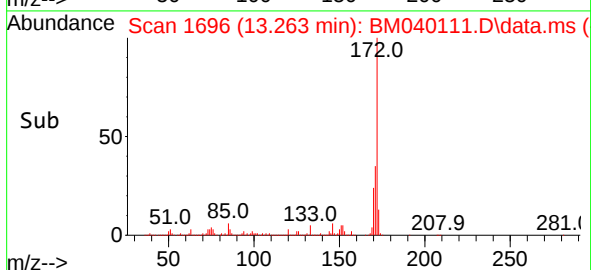
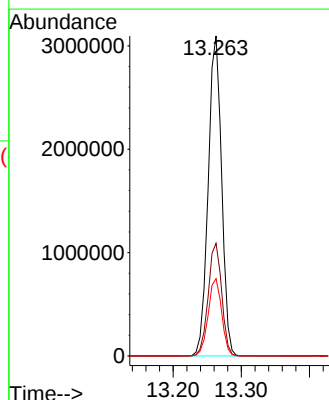
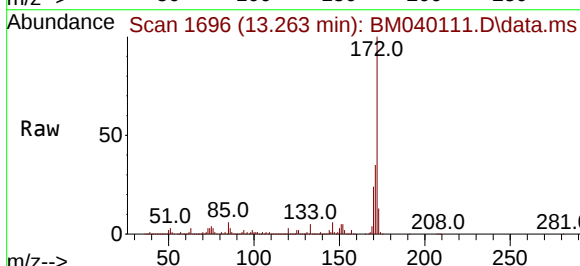
Tgt Ion:172 Resp: 4232314

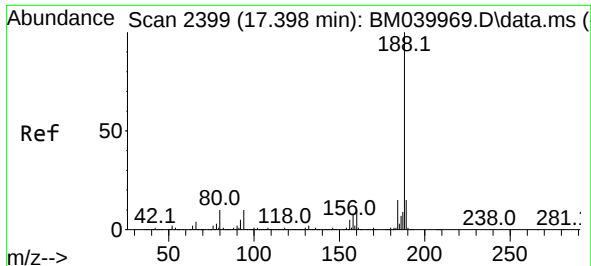
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 24.1 19.6 29.4

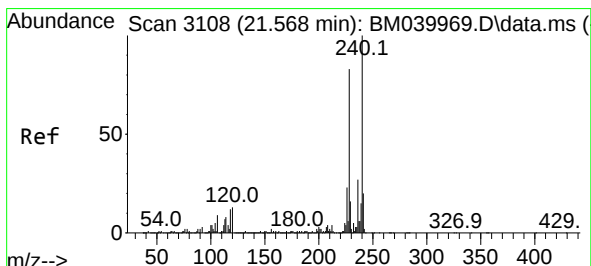
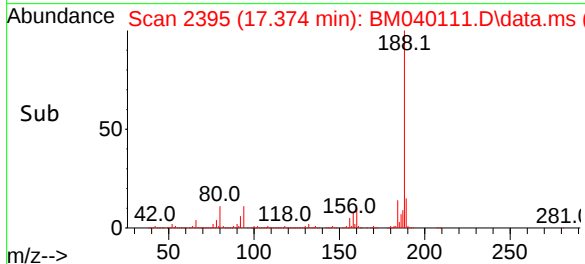
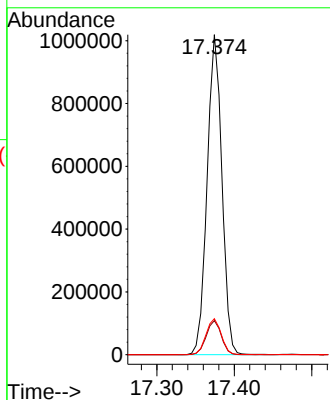
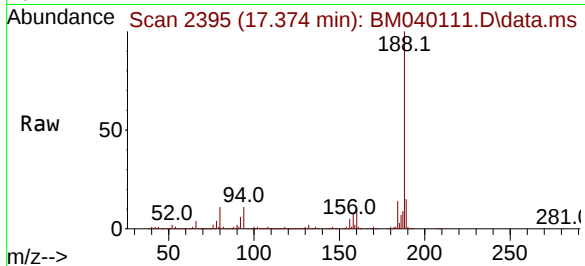




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040111.D
Acq: 06 Jun 2023 19:35

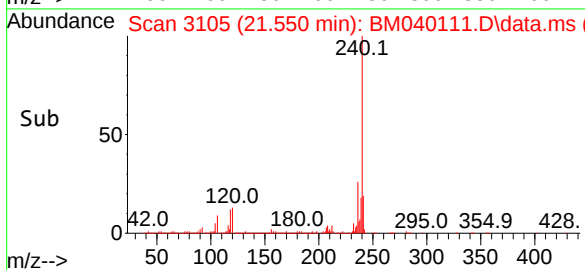
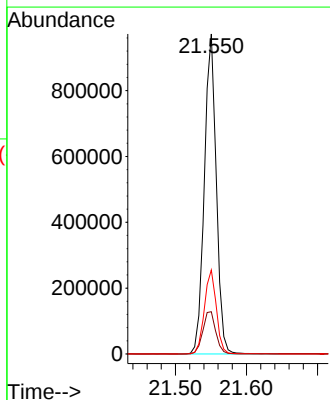
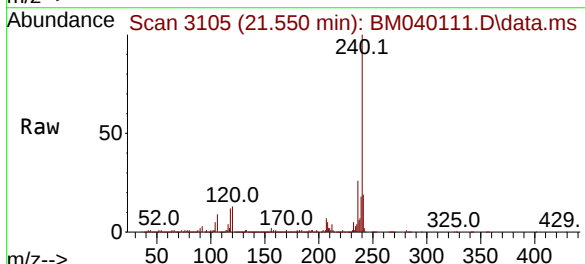
Instrument :
BNA_M
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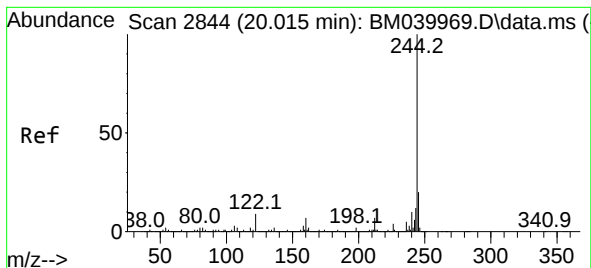
Tgt Ion:188 Resp: 1349403
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.8
80 11.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM040111.D
Acq: 06 Jun 2023 19:35

Tgt Ion:240 Resp: 1140091
Ion Ratio Lower Upper
240 100
120 13.2 10.1 15.1
236 26.3 21.3 31.9





#79

Terphenyl-d14

Concen: 106.175 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040111.D

Acq: 06 Jun 2023 19:35

Instrument :

BNA_M

ClientSampleId :

PB153150TB

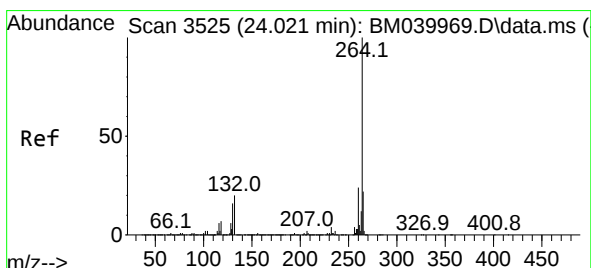
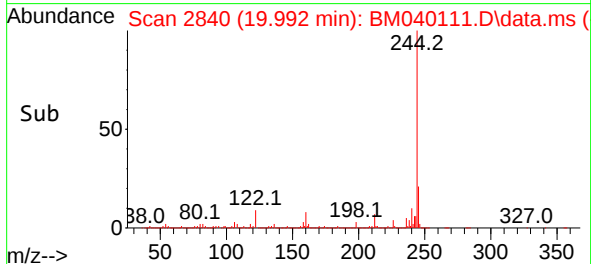
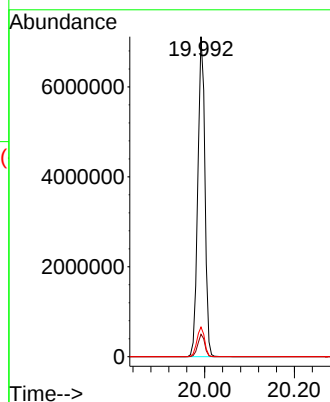
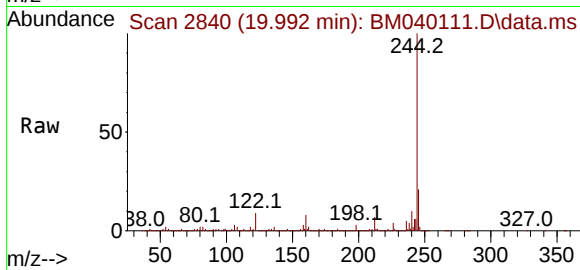
Tgt Ion:244 Resp: 7796082

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 9.3 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.991 min Scan# 3520

Delta R.T. -0.000 min

Lab File: BM040111.D

Acq: 06 Jun 2023 19:35

Tgt Ion:264 Resp: 1188040

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.4 17.7 26.5

