

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052323\
 Data File : BM039974.D
 Acq On : 23 May 2023 15:26
 Operator : CG/JU
 Sample : PB152895BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152895BL

Quant Time: May 24 01:35:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 01:06:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	278132	20.000	ng	0.00
21) Naphthalene-d8	10.834	136	1068607	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	531170	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	959821	20.000	ng	0.00
76) Chrysene-d12	21.568	240	580951	20.000	ng	0.00
86) Perylene-d12	24.021	264	575179	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	2718489	149.928	ng	0.00
7) Phenol-d6	7.169	99	3229909	136.556	ng	0.00
23) Nitrobenzene-d5	9.187	82	1765066	89.128	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	985779	142.987	ng	0.00
45) 2-Fluorobiphenyl	13.286	172	4271374	94.848	ng	0.00
79) Terphenyl-d14	20.009	244	5079738	135.765	ng	0.00

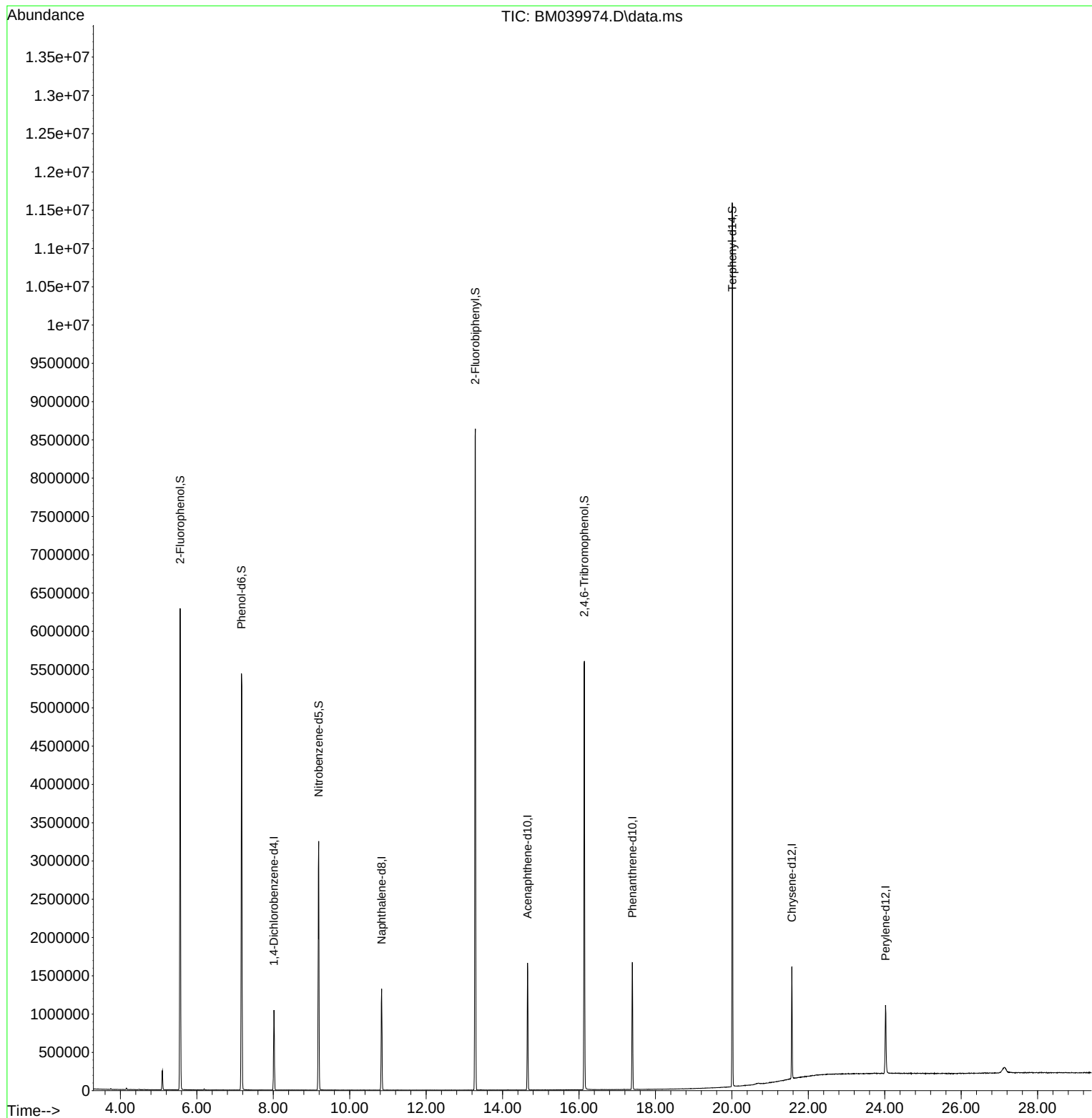
Target Compounds	Qvalue

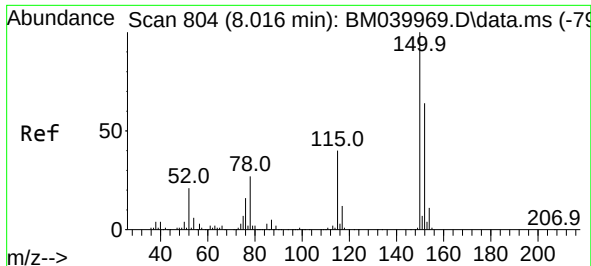
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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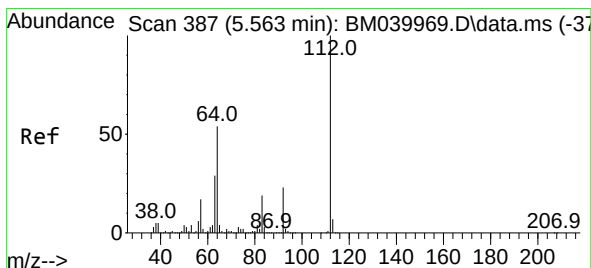
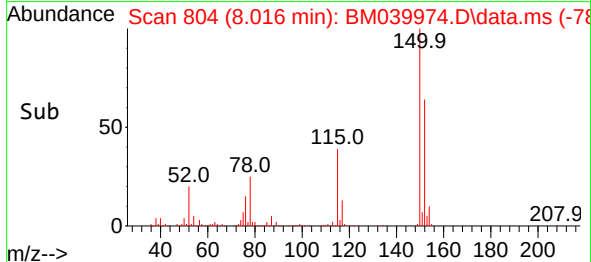
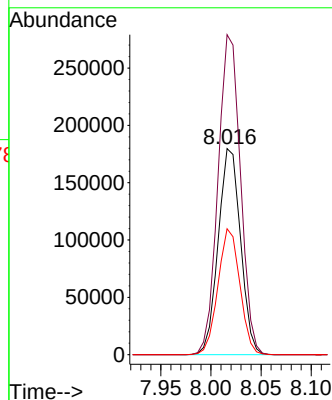
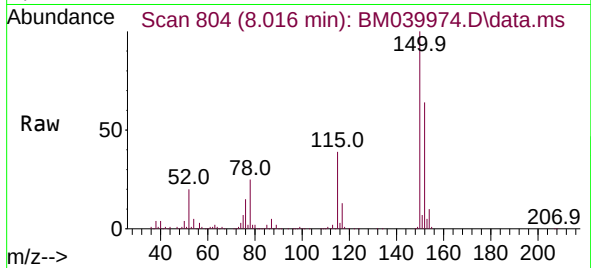




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.016 min Scan# 804
Delta R.T. 0.000 min
Lab File: BM039974.D
Acq: 23 May 2023 15:26

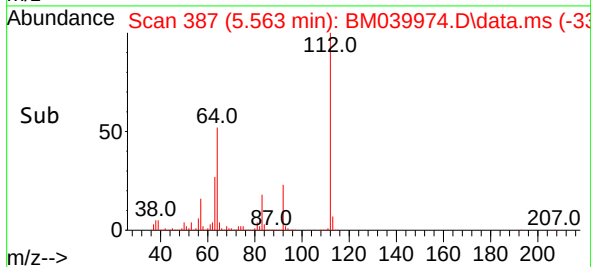
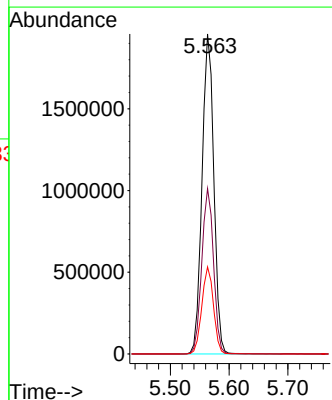
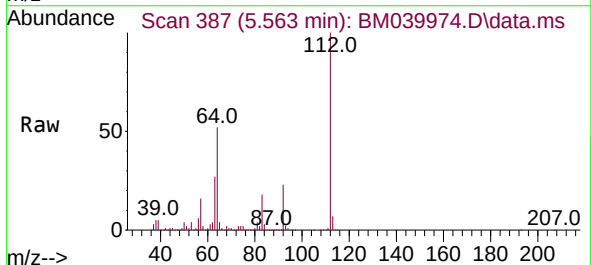
Instrument :
BNA_M
ClientSampleId :
PB152895BL

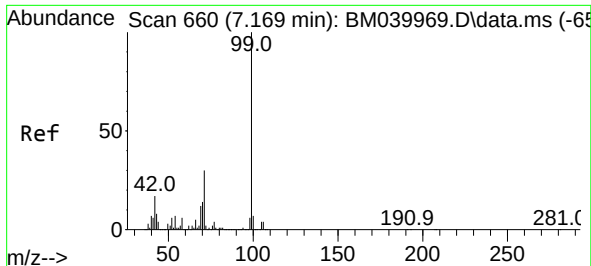
Tgt Ion:152 Resp: 278132
Ion Ratio Lower Upper
152 100
150 155.3 125.5 188.3
115 61.1 50.2 75.2



#5
2-Fluorophenol
Concen: 149.928 ng
RT: 5.563 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM039974.D
Acq: 23 May 2023 15:26

Tgt Ion:112 Resp: 2718489
Ion Ratio Lower Upper
112 100
64 51.7 43.0 64.4
63 27.2 22.9 34.3



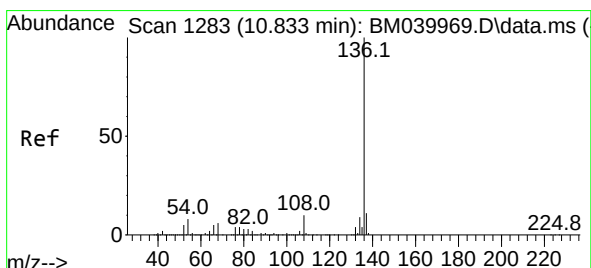
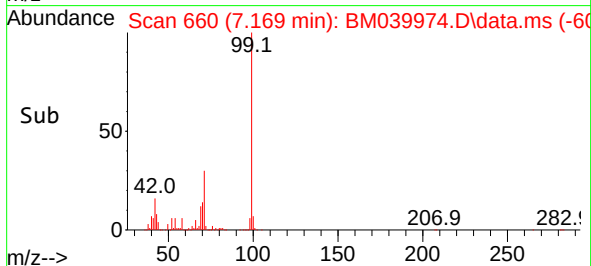
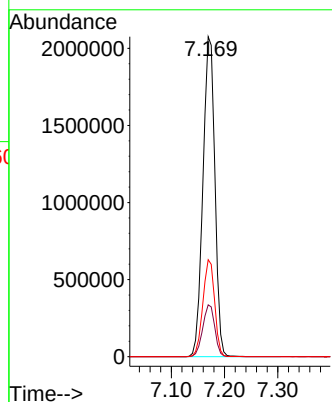
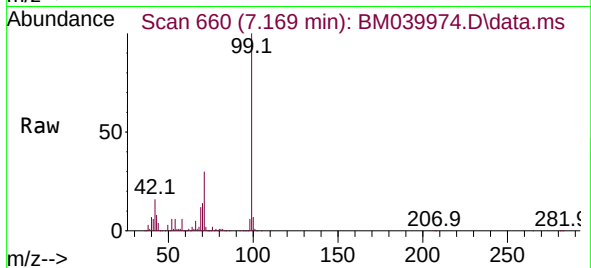


#7
Phenol-d6
Concen: 136.556 ng
RT: 7.169 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM039974.D
Acq: 23 May 2023 15:26

Instrument :
BNA_M
ClientSampleId :
PB152895BL

Tgt Ion: 99 Resp: 3229909

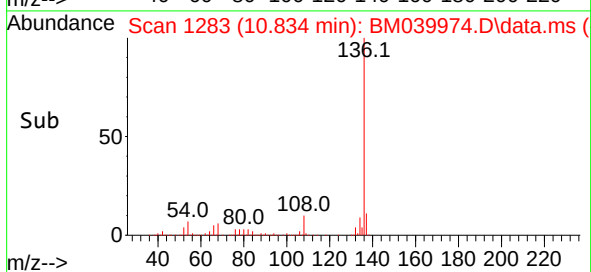
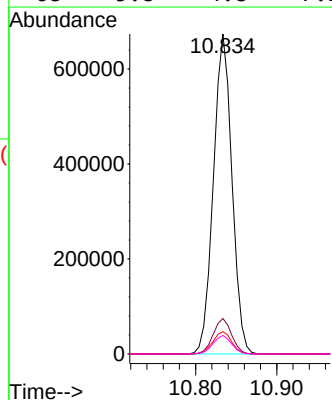
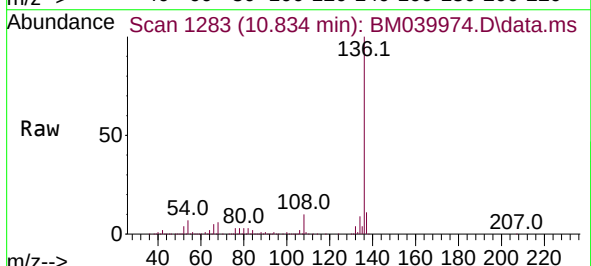
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.8	20.6
71	30.3	24.4	36.6

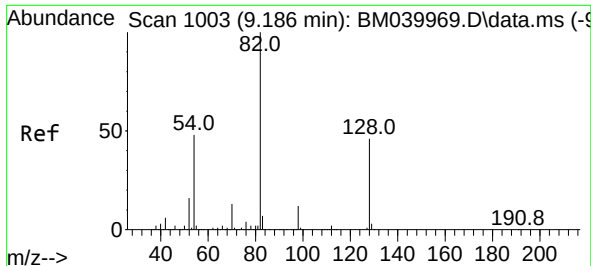


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.834 min Scan# 1283
Delta R.T. 0.001 min
Lab File: BM039974.D
Acq: 23 May 2023 15:26

Tgt Ion: 136 Resp: 1068607

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.0	6.1	9.1
68	5.8	4.8	7.2





#23

Nitrobenzene-d5

Concen: 89.128 ng

RT: 9.187 min Scan# 1003

Delta R.T. 0.001 min

Lab File: BM039974.D

Acq: 23 May 2023 15:26

Instrument :

BNA_M

ClientSampleId :

PB152895BL

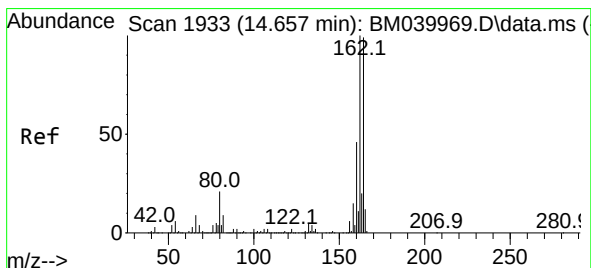
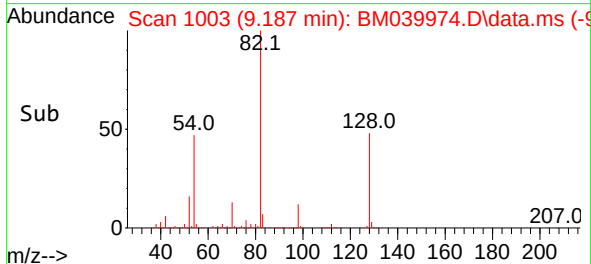
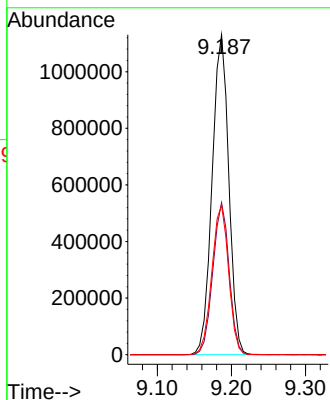
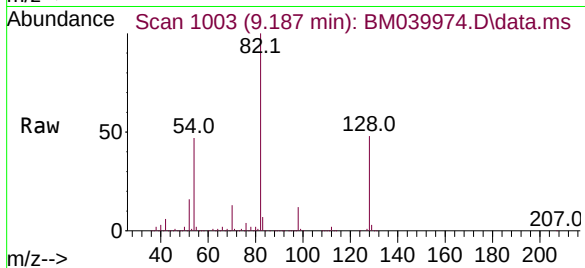
Tgt Ion: 82 Resp: 1765066

Ion Ratio Lower Upper

82 100

128 47.5 36.5 54.7

54 46.8 38.3 57.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.651 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BM039974.D

Acq: 23 May 2023 15:26

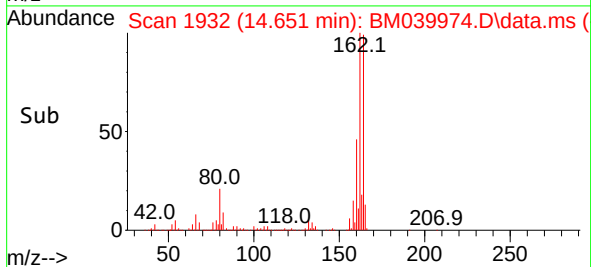
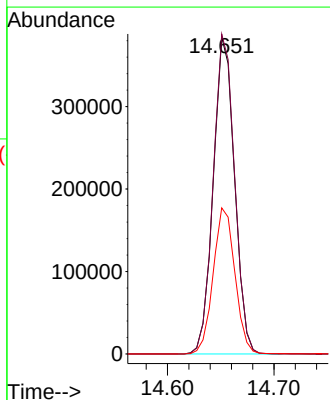
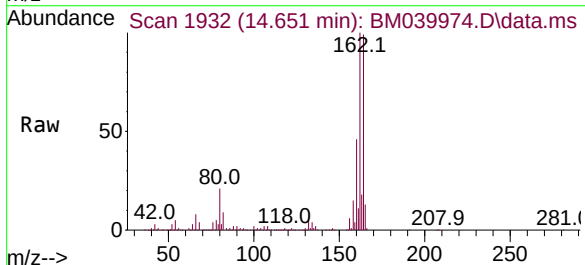
Tgt Ion:164 Resp: 531170

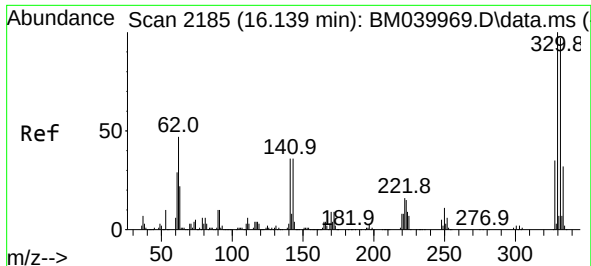
Ion Ratio Lower Upper

164 100

162 101.0 80.6 120.8

160 46.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 142.987 ng

RT: 16.139 min Scan# 2185

Delta R.T. 0.000 min

Lab File: BM039974.D

Acq: 23 May 2023 15:26

Instrument :

BNA_M

ClientSampleId :

PB152895BL

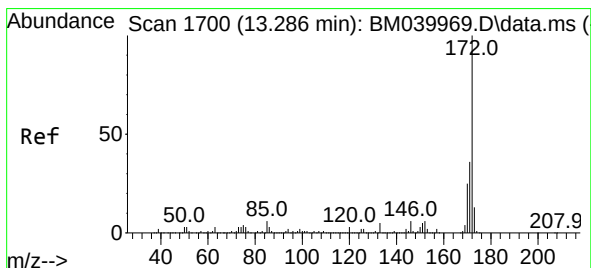
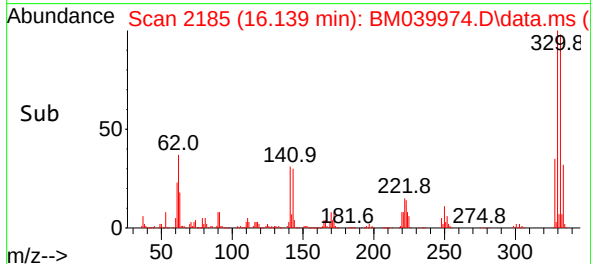
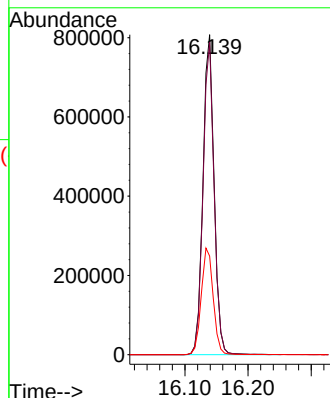
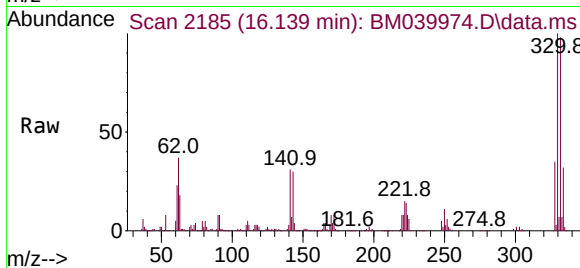
Tgt Ion:330 Resp: 985779

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

141 35.9 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 94.848 ng

RT: 13.286 min Scan# 1700

Delta R.T. 0.000 min

Lab File: BM039974.D

Acq: 23 May 2023 15:26

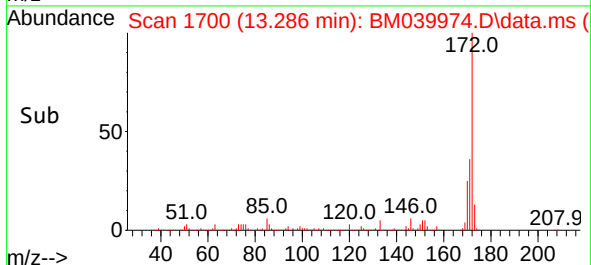
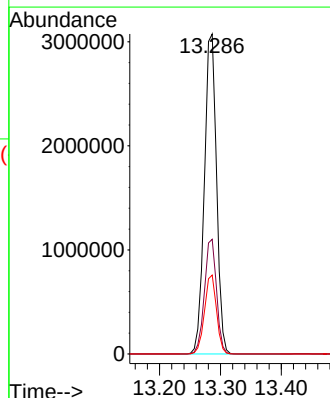
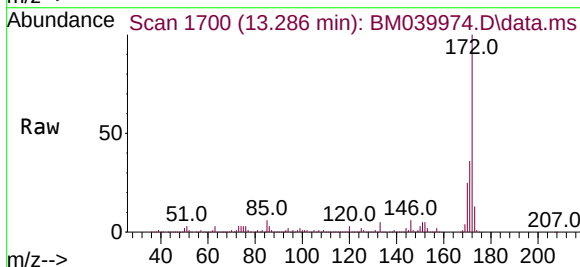
Tgt Ion:172 Resp: 4271374

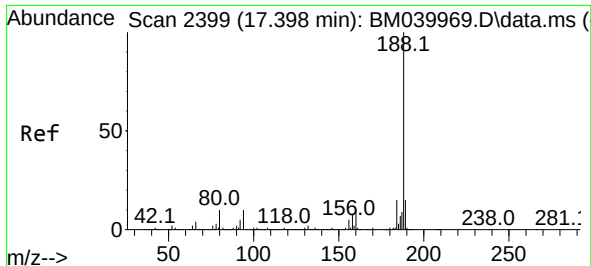
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.6 19.6 29.4

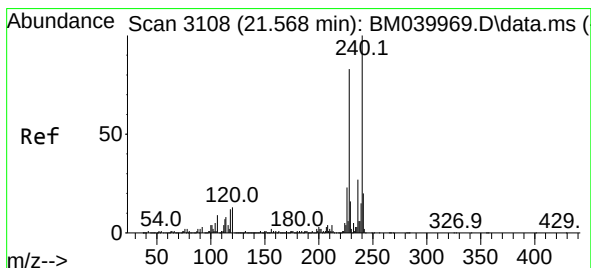
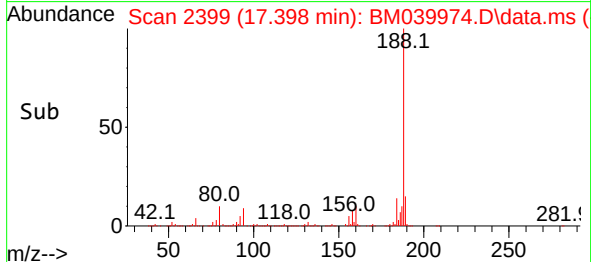
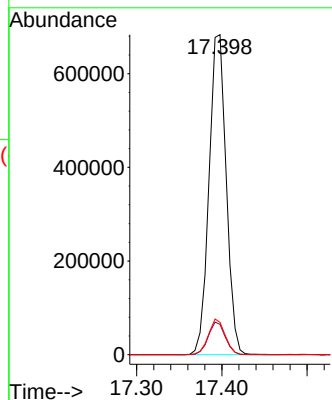
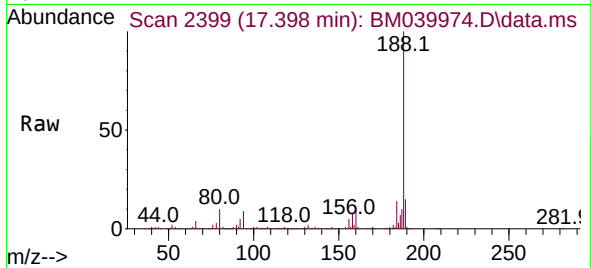




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039974.D
Acq: 23 May 2023 15:26

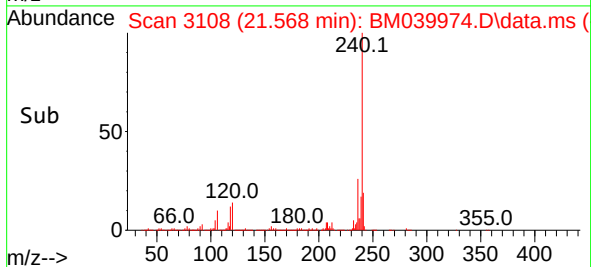
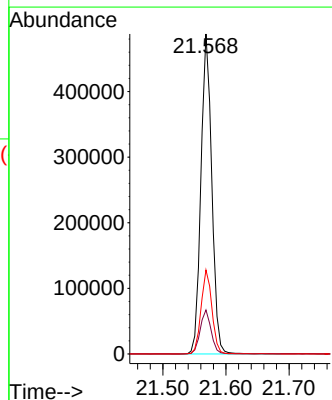
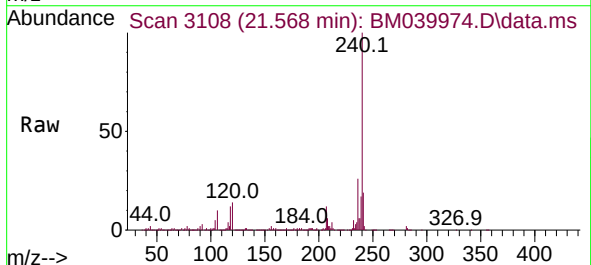
Instrument :
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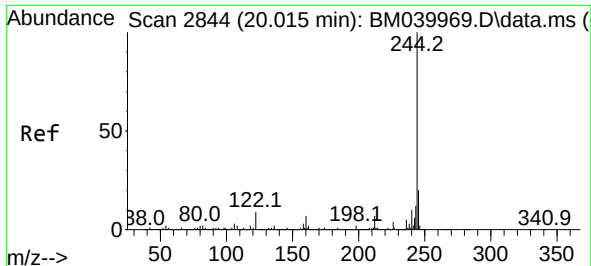
Tgt Ion:188 Resp: 959821
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.8
80 10.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM039974.D
Acq: 23 May 2023 15:26

Tgt Ion:240 Resp: 580951
Ion Ratio Lower Upper
240 100
120 13.8 10.1 15.1
236 26.3 21.3 31.9

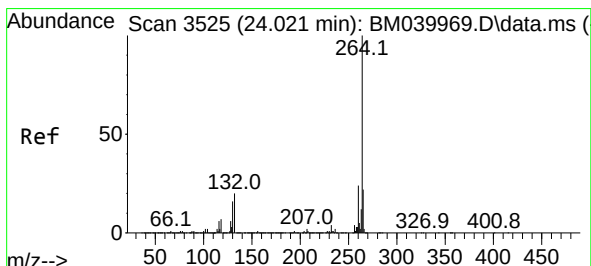
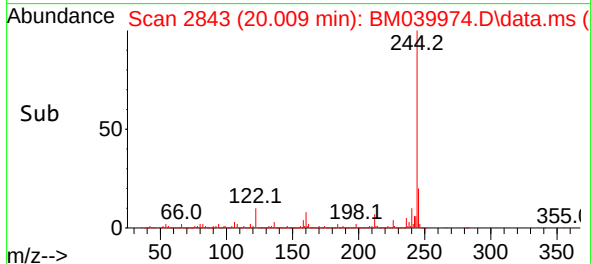
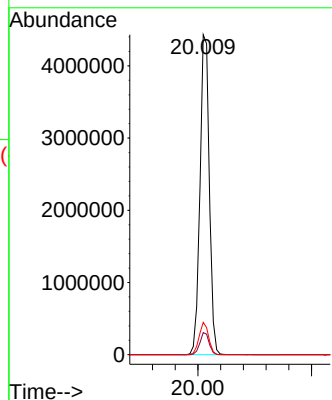
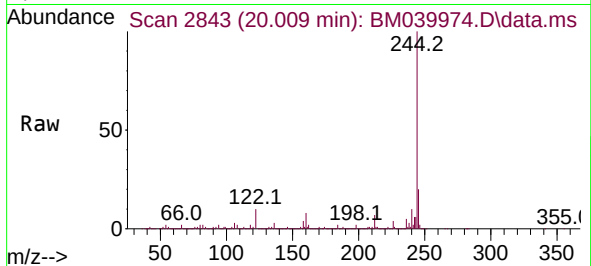




#79
 Terphenyl-d14
 Concen: 135.765 ng
 RT: 20.009 min Scan# 2843
 Delta R.T. -0.006 min
 Lab File: BM039974.D
 Acq: 23 May 2023 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB152895BL

Tgt Ion:244 Resp: 5079738
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.1 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.021 min Scan# 3525
 Delta R.T. 0.000 min
 Lab File: BM039974.D
 Acq: 23 May 2023 15:26

Tgt Ion:264 Resp: 575179
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.8 17.7 26.5

