

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040124.D
 Acq On : 07 Jun 2023 04:40
 Operator : MA/JU
 Sample : PB153186TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153186TB

Quant Time: Jun 07 05:31:03 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	251949	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1087550	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	597434	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1260752	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1007152	20.000	ng	-0.01
86) Perylene-d12	23.986	264	1023354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2570082	156.474	ng	0.00
7) Phenol-d6	7.151	99	3307770	154.381	ng	0.00
23) Nitrobenzene-d5	9.157	82	1698423	84.269	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1136337	146.544	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4111450	81.170	ng	0.00
79) Terphenyl-d14	19.992	244	7589068	116.999	ng	0.00

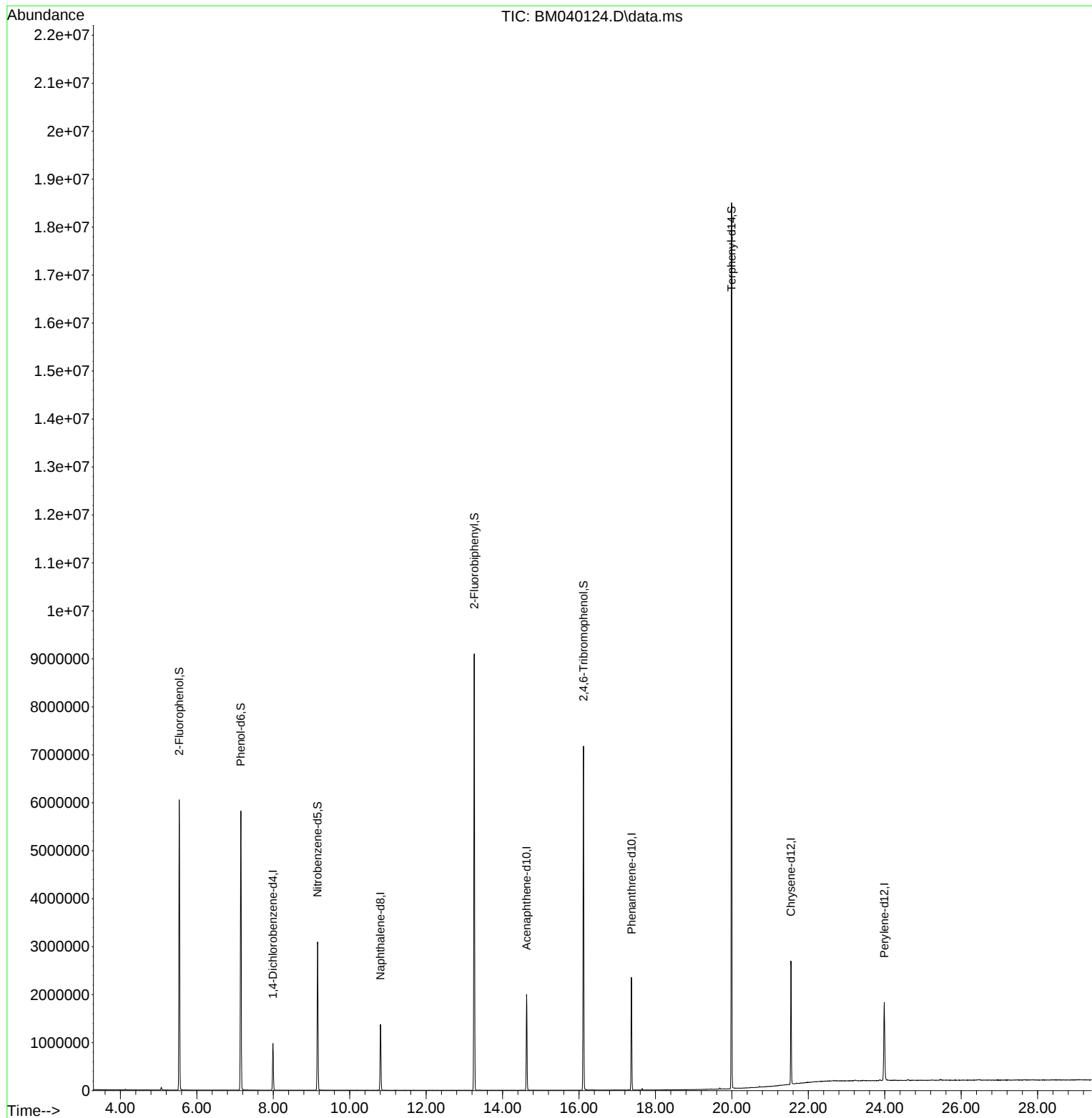
Target Compounds	Qvalue

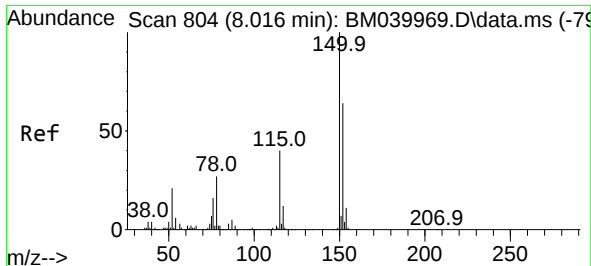
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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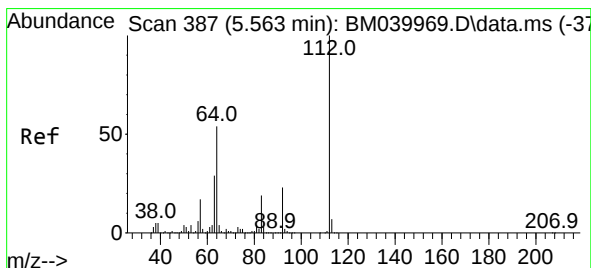
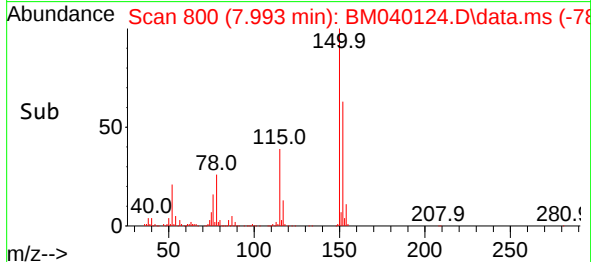
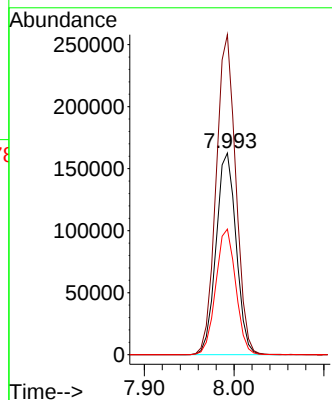
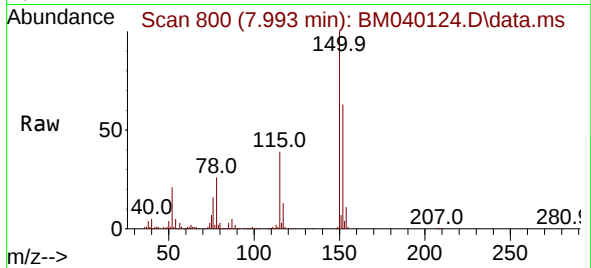




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM040124.D
Acq: 07 Jun 2023 04:40

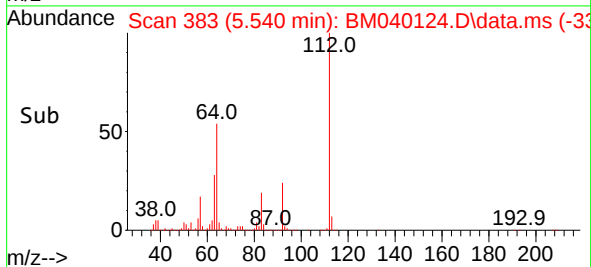
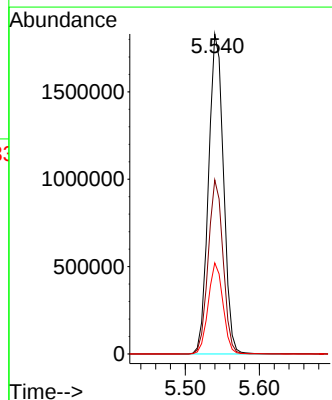
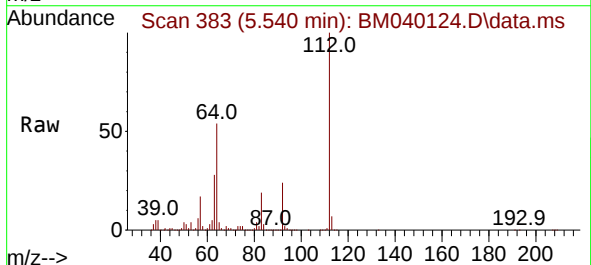
Instrument :
BNA_M
ClientSampleId :
PB153186TB

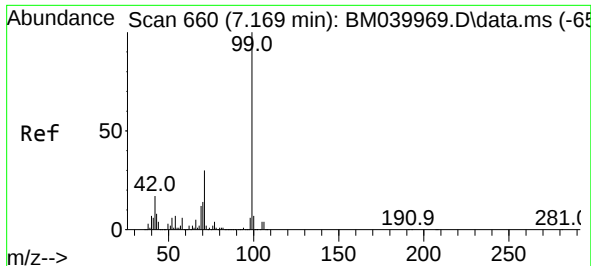
Tgt Ion:152 Resp: 251949
Ion Ratio Lower Upper
152 100
150 158.7 125.5 188.3
115 62.2 50.2 75.2



#5
2-Fluorophenol
Concen: 156.474 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040124.D
Acq: 07 Jun 2023 04:40

Tgt Ion:112 Resp: 2570082
Ion Ratio Lower Upper
112 100
64 54.4 43.0 64.4
63 28.5 22.9 34.3



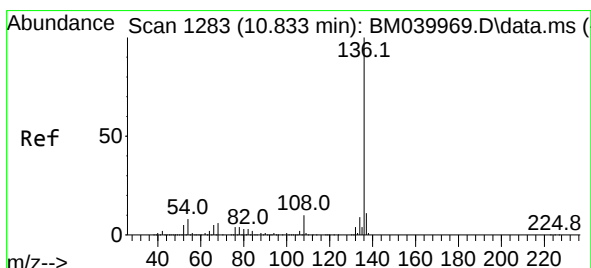
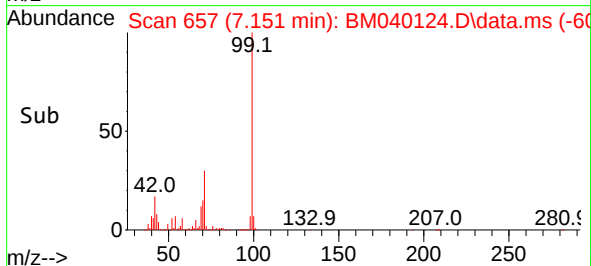
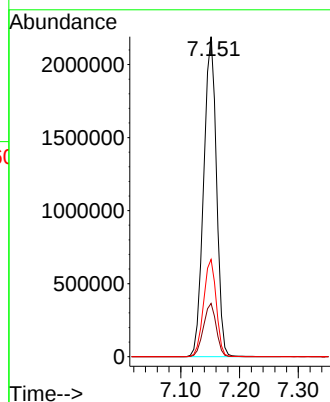
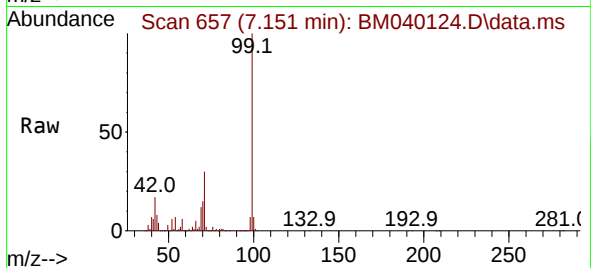


#7
Phenol-d6
Concen: 154.381 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040124.D
Acq: 07 Jun 2023 04:40

Instrument :
BNA_M
ClientSampleId :
PB153186TB

Tgt Ion: 99 Resp: 3307770

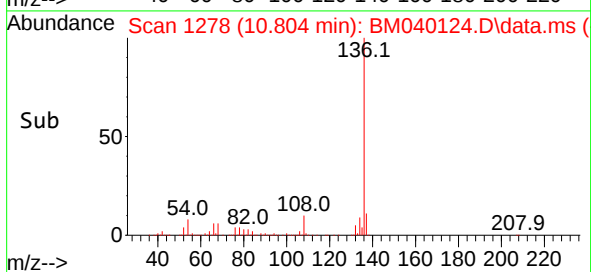
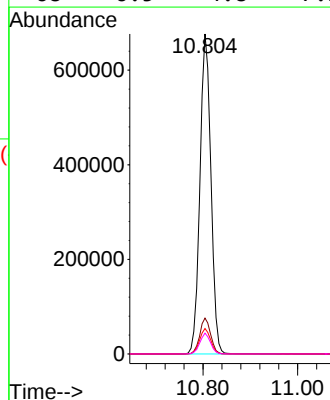
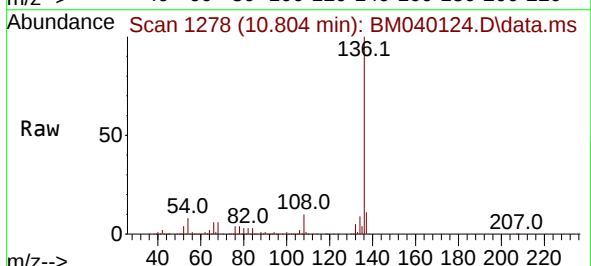
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	30.4	24.4	36.6

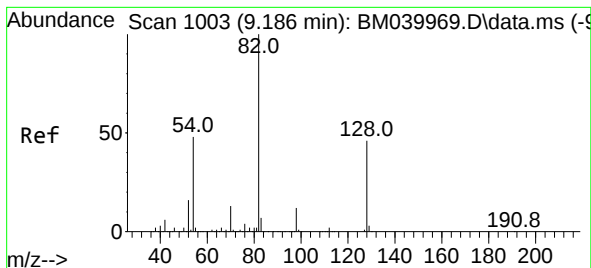


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040124.D
Acq: 07 Jun 2023 04:40

Tgt Ion: 136 Resp: 1087550

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.9	6.1	9.1
68	6.5	4.8	7.2





#23

Nitrobenzene-d5

Concen: 84.269 ng

RT: 9.157 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM040124.D

Acq: 07 Jun 2023 04:40

Instrument :

BNA_M

ClientSampleId :

PB153186TB

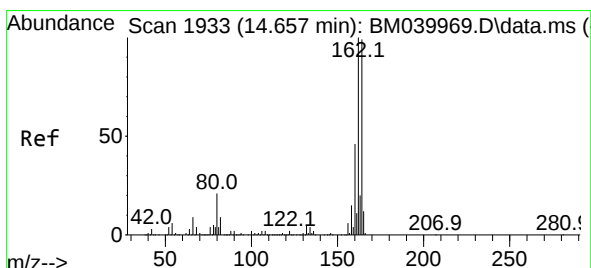
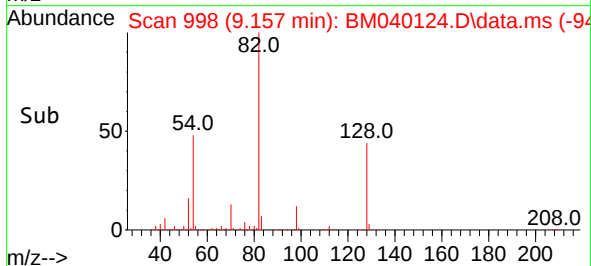
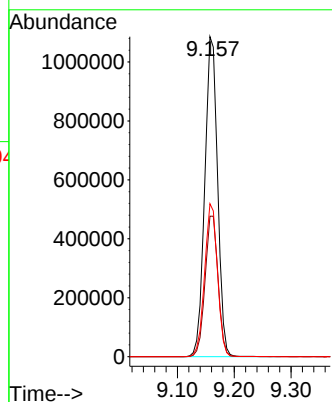
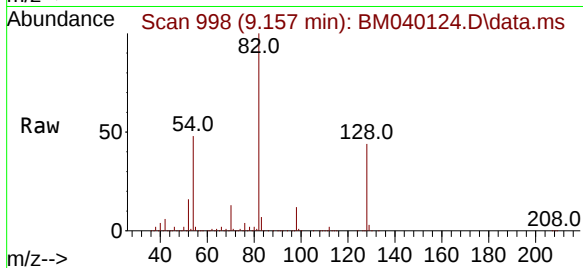
Tgt Ion: 82 Resp: 1698423

Ion Ratio Lower Upper

82 100

128 43.9 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: BM040124.D

Acq: 07 Jun 2023 04:40

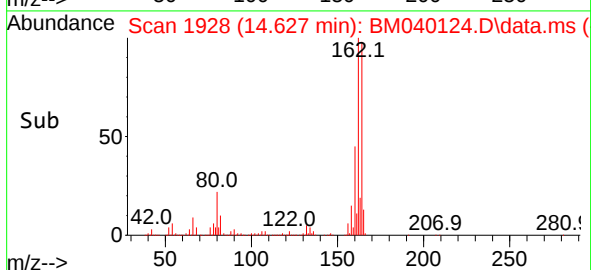
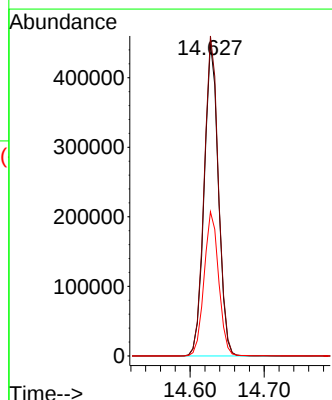
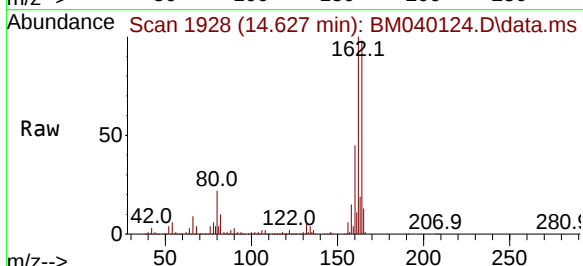
Tgt Ion:164 Resp: 597434

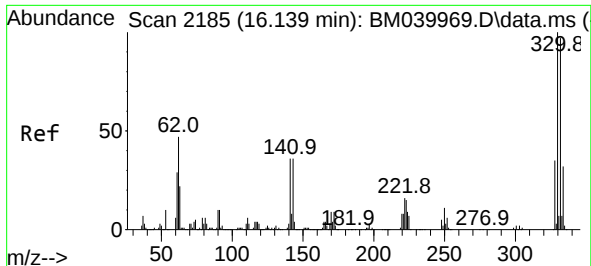
Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

160 46.0 36.7 55.1

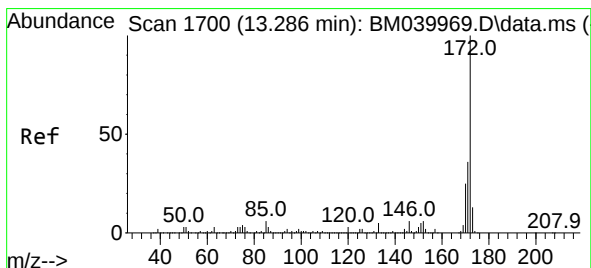
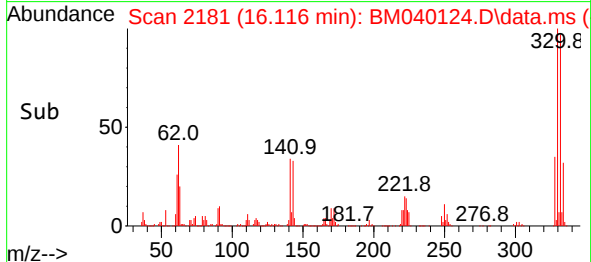
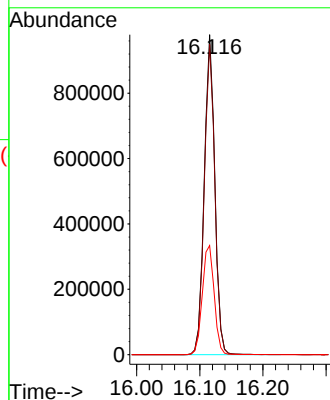
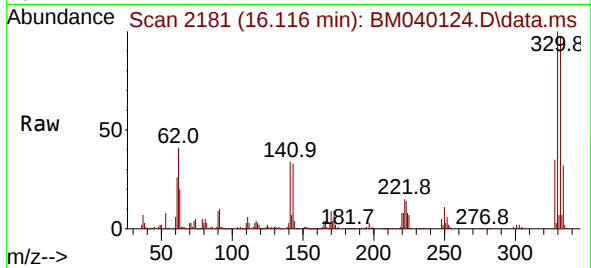




#42
2,4,6-Tribromophenol
Concen: 146.544 ng
RT: 16.116 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM040124.D
Acq: 07 Jun 2023 04:40

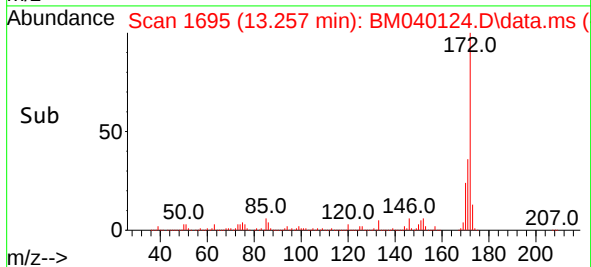
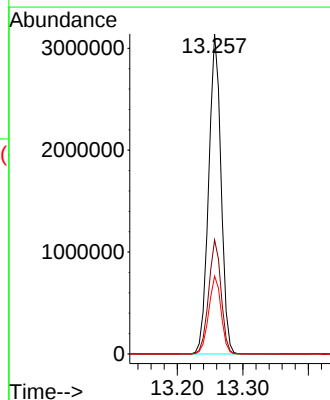
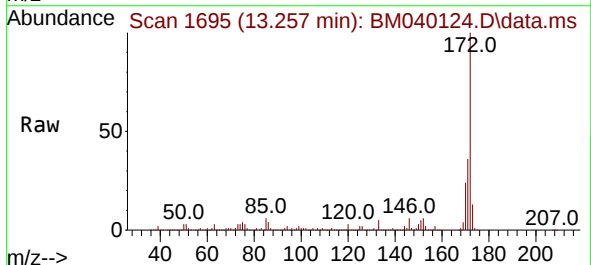
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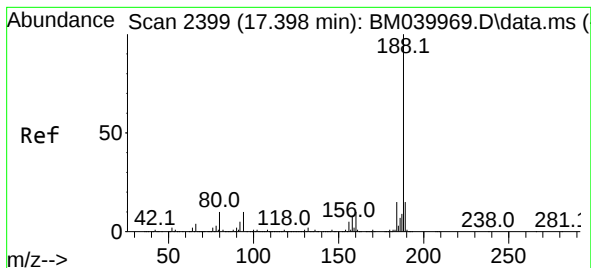
Tgt Ion:330 Resp: 1136337
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 38.4 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 81.170 ng
RT: 13.257 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM040124.D
Acq: 07 Jun 2023 04:40

Tgt Ion:172 Resp: 4111450
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.3 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: BM040124.D

Acq: 07 Jun 2023 04:40

Instrument :

BNA_M

ClientSampleId :

PB153186TB

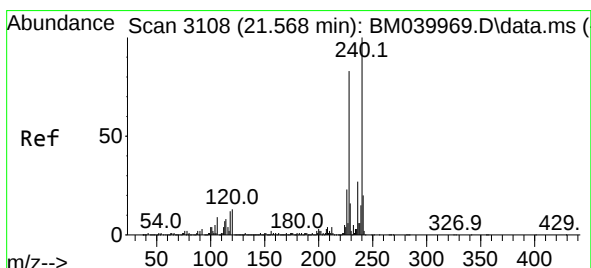
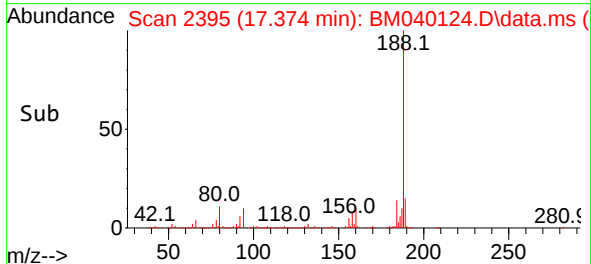
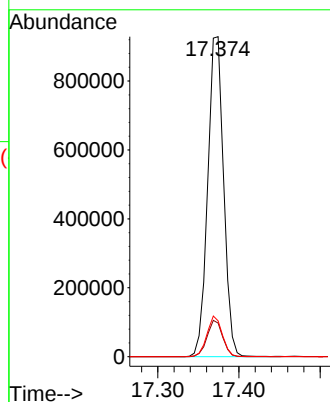
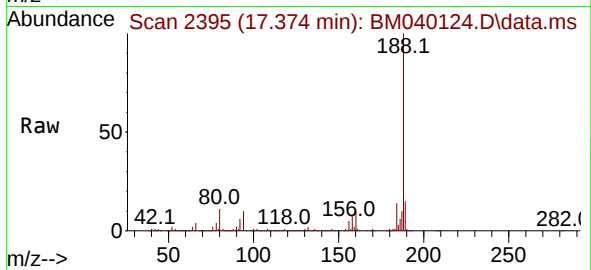
Tgt Ion:188 Resp: 1260752

Ion Ratio Lower Upper

188 100

94 10.5 7.8 11.8

80 11.2 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BM040124.D

Acq: 07 Jun 2023 04:40

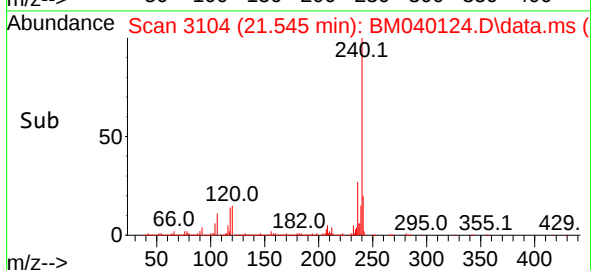
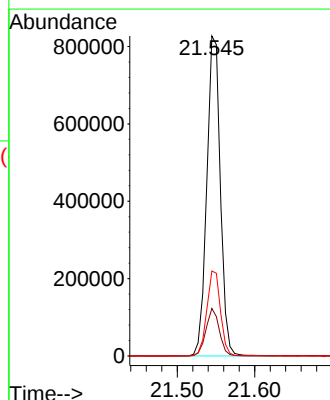
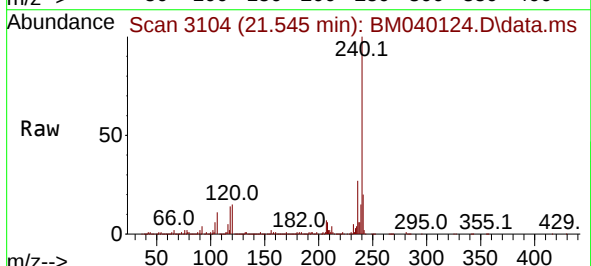
Tgt Ion:240 Resp: 1007152

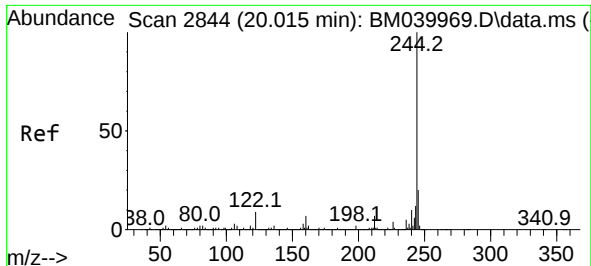
Ion Ratio Lower Upper

240 100

120 14.9 10.1 15.1

236 26.5 21.3 31.9

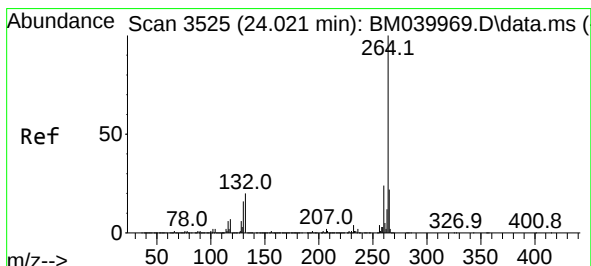
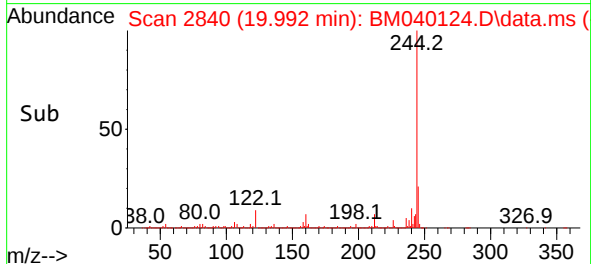
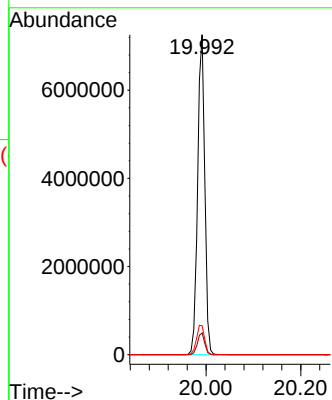
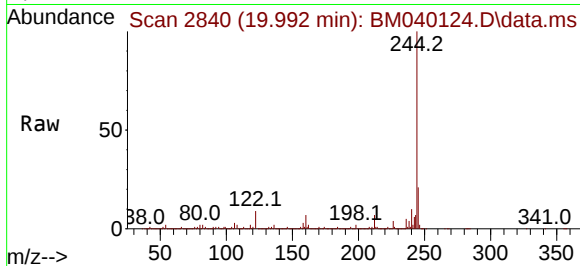




#79
 Terphenyl-d14
 Concen: 116.999 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040124.D
 Acq: 07 Jun 2023 04:40

Instrument :
 BNA_M
 ClientSampleId :
 PB153186TB

Tgt Ion:244 Resp: 7589068
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.1 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.986 min Scan# 3519
 Delta R.T. -0.006 min
 Lab File: BM040124.D
 Acq: 07 Jun 2023 04:40

Tgt Ion:264 Resp: 1023354
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.9 17.7 26.5

