

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039240.D
 Acq On : 30 Mar 2023 23:25
 Operator : CG/JU
 Sample : 02113-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11935

Quant Time: Mar 31 02:44:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	196362	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	744786	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	396360	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	782917	20.000	ng	0.00
76) Chrysene-d12	21.498	240	824737	20.000	ng	0.00
86) Perylene-d12	23.909	264	1020494	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	608380	46.678	ng	0.00
7) Phenol-d6	7.087	99	1259019	74.685	ng	-0.01
23) Nitrobenzene-d5	9.087	82	954047	62.258	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	103943	20.659	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1893508	64.727	ng	0.00
79) Terphenyl-d14	19.939	244	2717706	60.881	ng	0.00

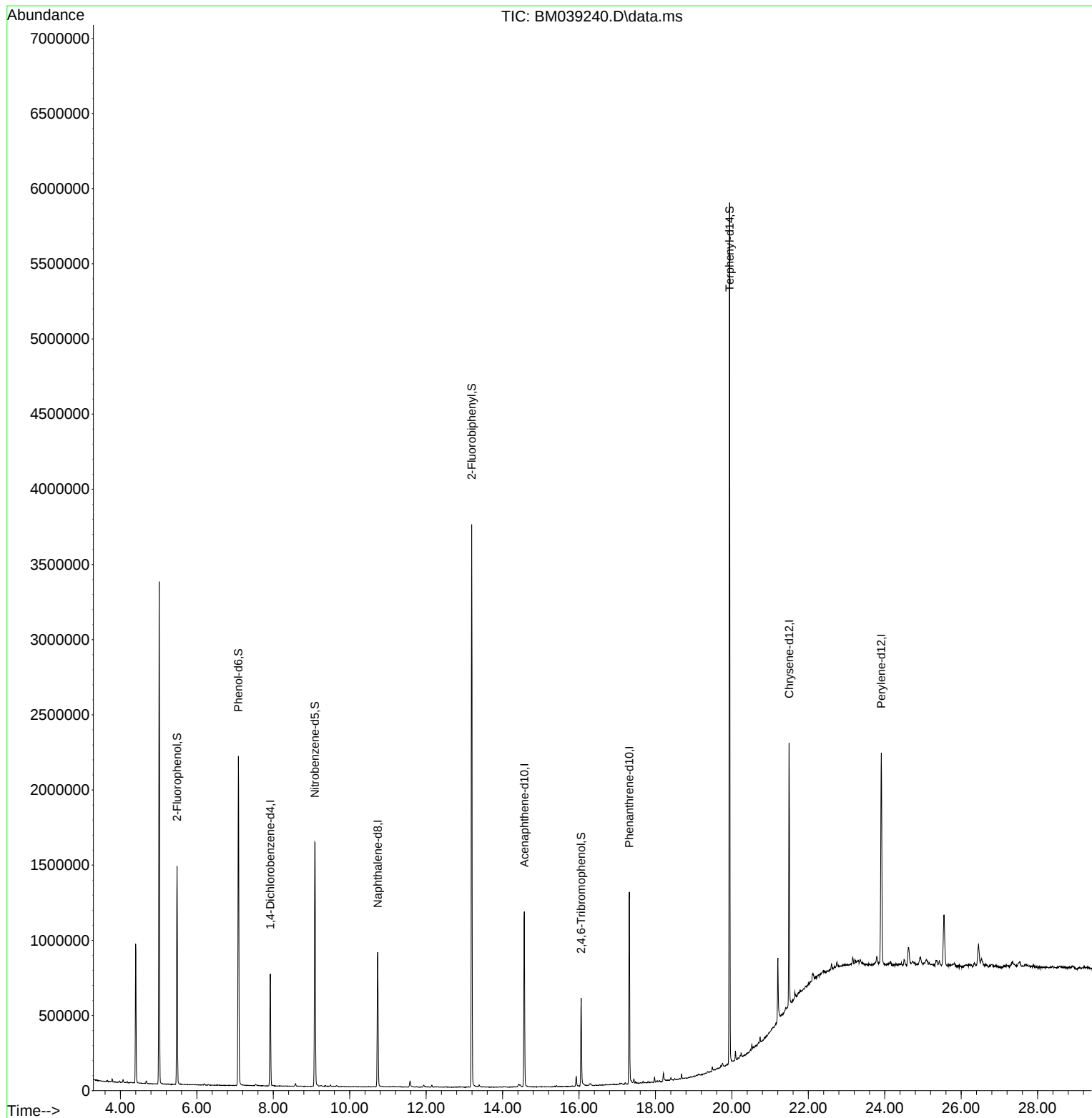
Target Compounds	Qvalue

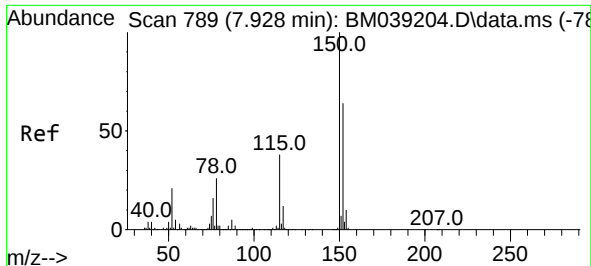
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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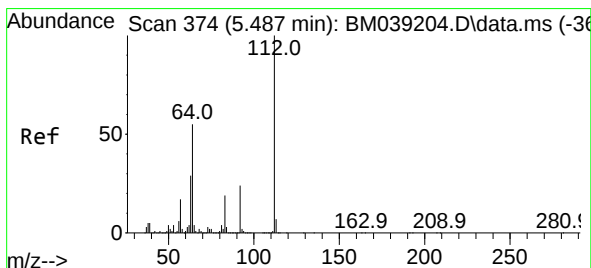
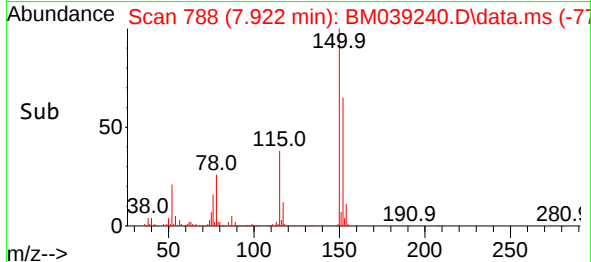
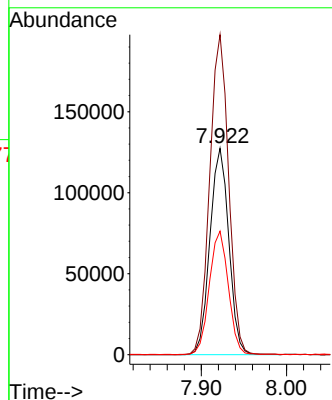
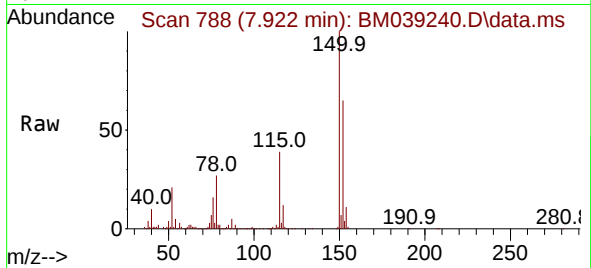




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BM039240.D
 Acq: 30 Mar 2023 23:25

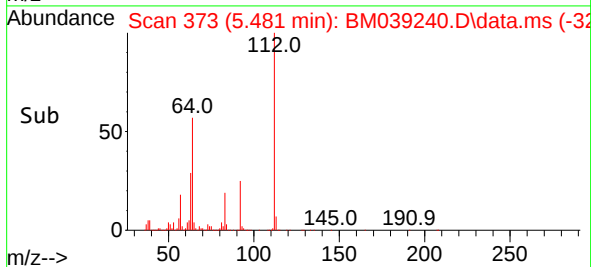
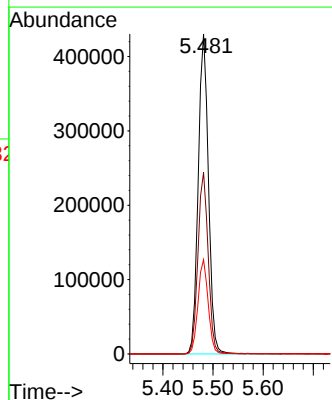
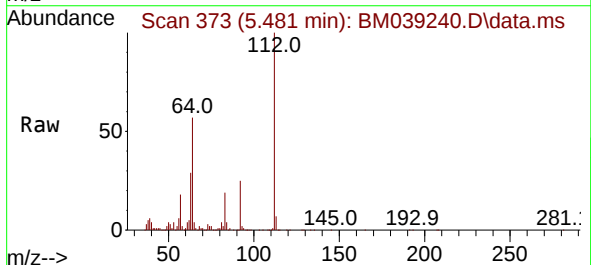
Instrument :
 BNA_M
 ClientSampleId :
 72-11935

Tgt Ion:152 Resp: 196362
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.5 188.3
 115 59.8 48.1 72.1



#5
 2-Fluorophenol
 Concen: 46.678 ng
 RT: 5.481 min Scan# 373
 Delta R.T. -0.006 min
 Lab File: BM039240.D
 Acq: 30 Mar 2023 23:25

Tgt Ion:112 Resp: 608380
 Ion Ratio Lower Upper
 112 100
 64 56.7 44.3 66.5
 63 29.5 23.0 34.6



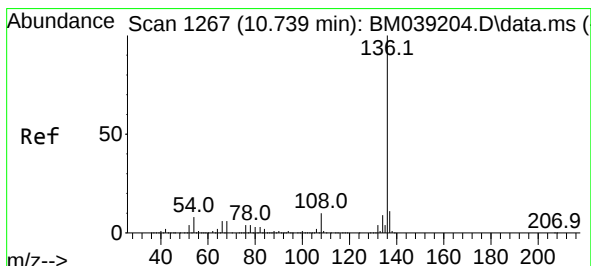
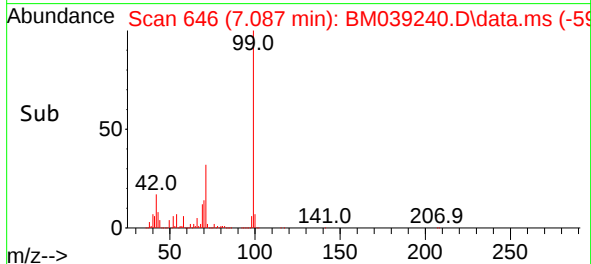
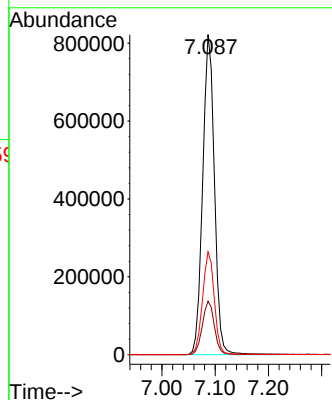
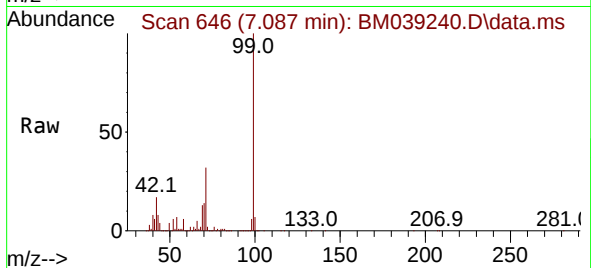


#7
Phenol-d6
Concen: 74.685 ng
RT: 7.087 min Scan# 648
Delta R.T. -0.012 min
Lab File: BM039240.D
Acq: 30 Mar 2023 23:25

Instrument :
BNA_M
ClientSampleId :
72-11935

Tgt Ion: 99 Resp: 1259019

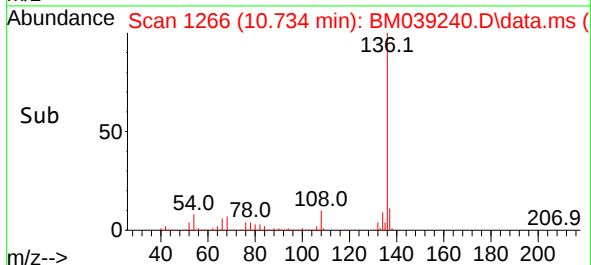
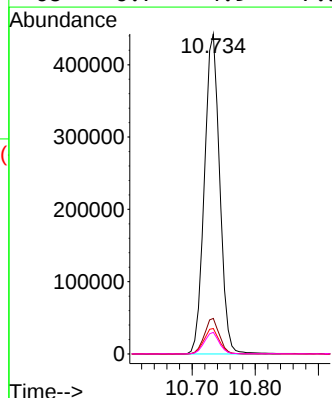
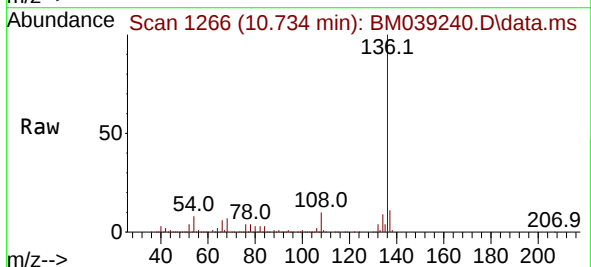
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.6
71	32.2	25.5	38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM039240.D
Acq: 30 Mar 2023 23:25

Tgt Ion: 136 Resp: 744786

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.2	9.4
68	6.7	4.9	7.3

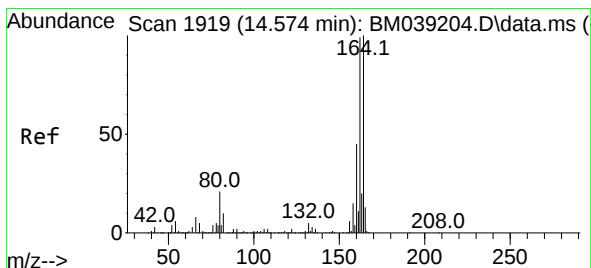
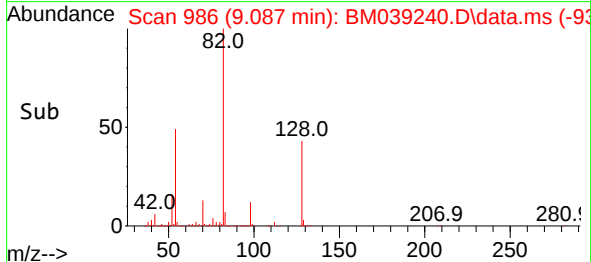
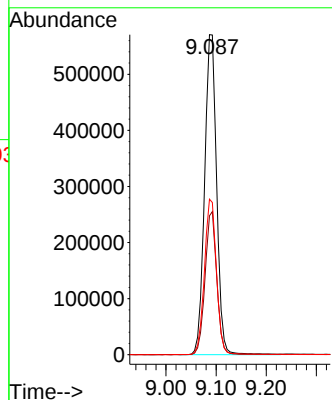
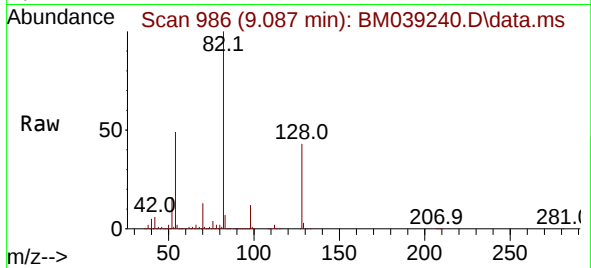




#23
 Nitrobenzene-d5
 Concen: 62.258 ng
 RT: 9.087 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BM039240.D
 Acq: 30 Mar 2023 23:25

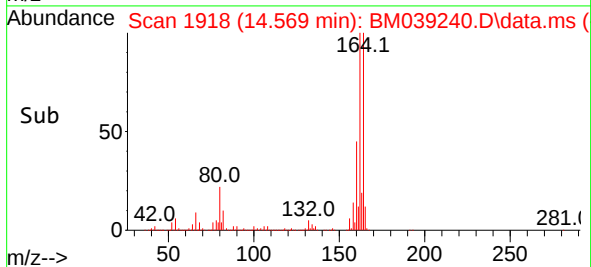
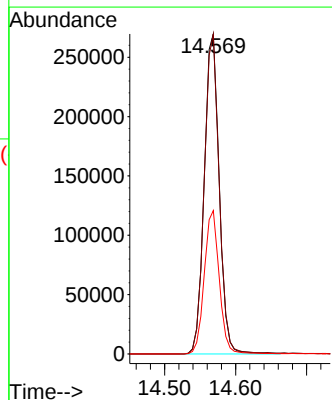
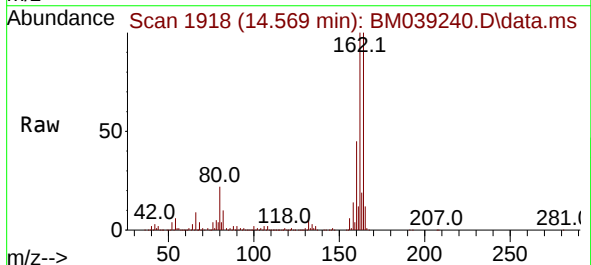
Instrument :
 BNA_M
 ClientSampleId :
 72-11935

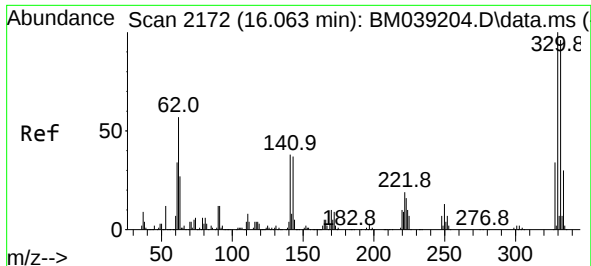
Tgt Ion: 82 Resp: 954047
 Ion Ratio Lower Upper
 82 100
 128 43.4 35.1 52.7
 54 48.6 38.5 57.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.569 min Scan# 1918
 Delta R.T. -0.005 min
 Lab File: BM039240.D
 Acq: 30 Mar 2023 23:25

Tgt Ion: 164 Resp: 396360
 Ion Ratio Lower Upper
 164 100
 162 99.9 79.1 118.7
 160 44.8 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 20.659 ng

RT: 16.057 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BM039240.D

Acq: 30 Mar 2023 23:25

Instrument :

BNA_M

ClientSampleId :

72-11935

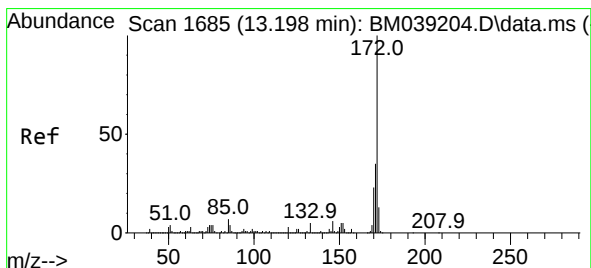
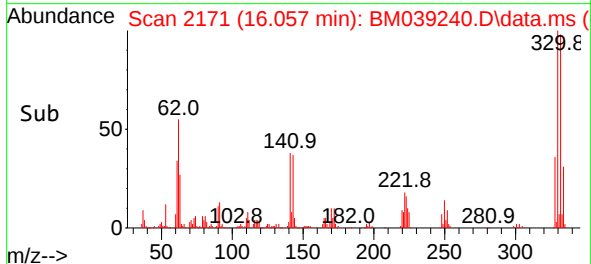
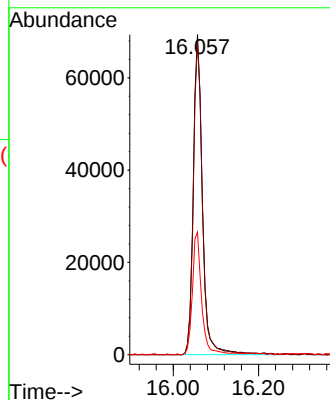
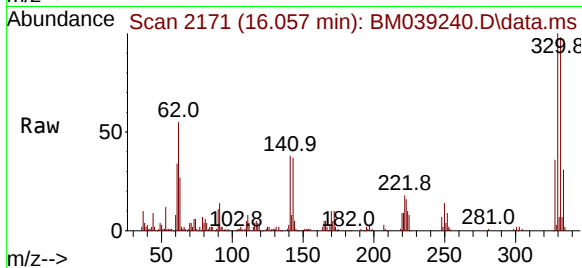
Tgt Ion:330 Resp: 103943

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

141 38.1 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 64.727 ng

RT: 13.192 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BM039240.D

Acq: 30 Mar 2023 23:25

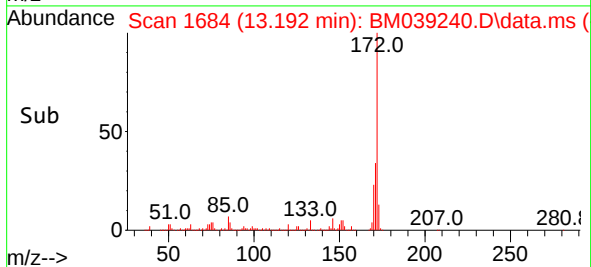
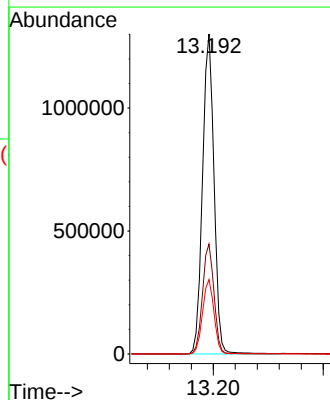
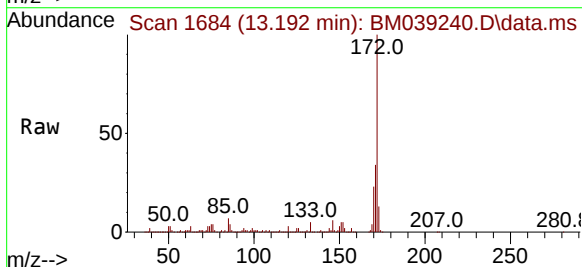
Tgt Ion:172 Resp: 1893508

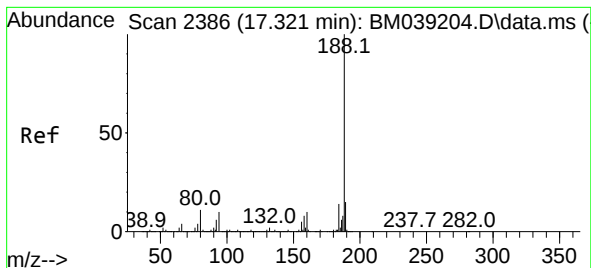
Ion Ratio Lower Upper

172 100

171 34.3 28.0 42.0

170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039240.D

Acq: 30 Mar 2023 23:25

Instrument :

BNA_M

ClientSampleId :

72-11935

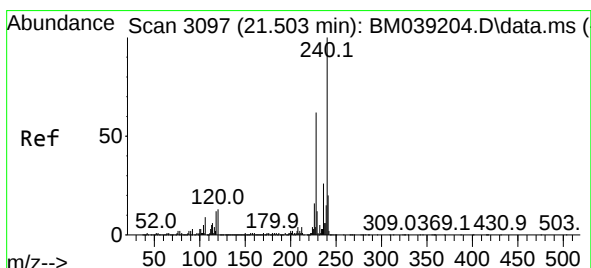
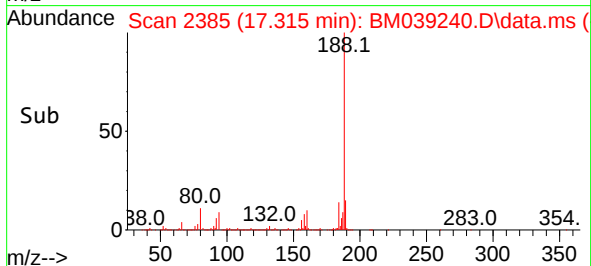
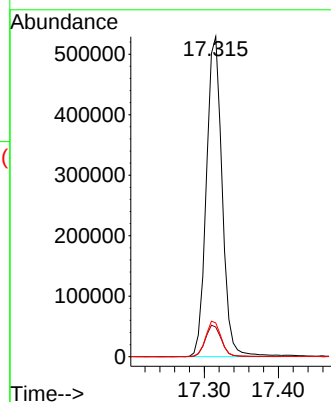
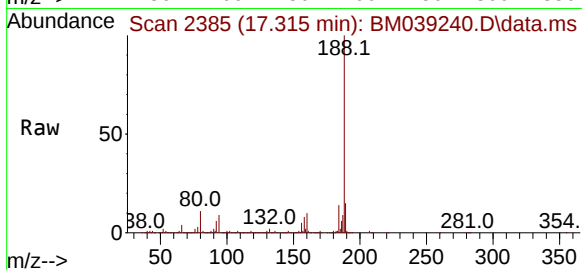
Tgt Ion:188 Resp: 782917

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

80 10.5 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM039240.D

Acq: 30 Mar 2023 23:25

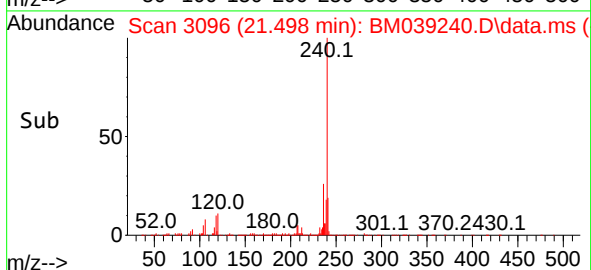
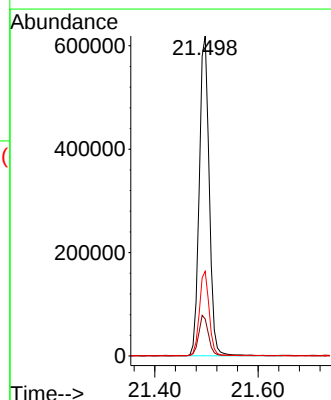
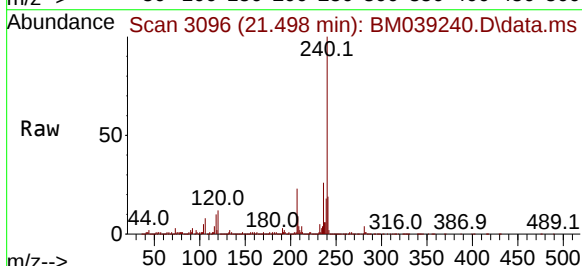
Tgt Ion:240 Resp: 824737

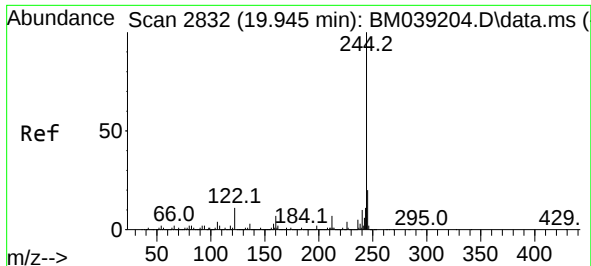
Ion Ratio Lower Upper

240 100

120 11.5 10.2 15.2

236 26.4 20.9 31.3

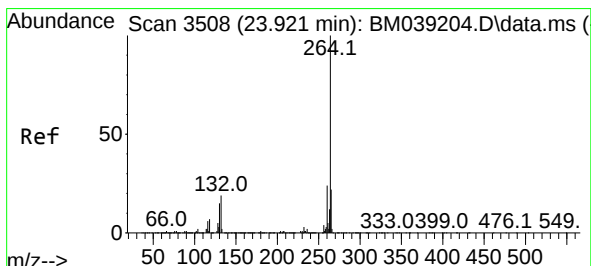
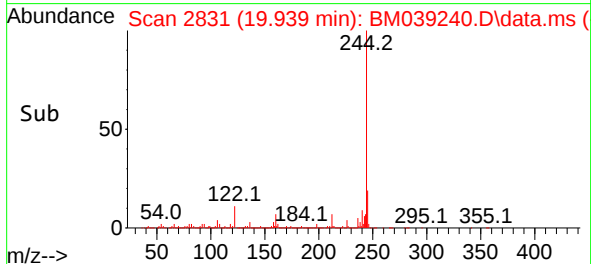
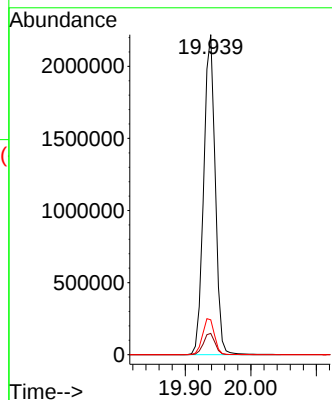
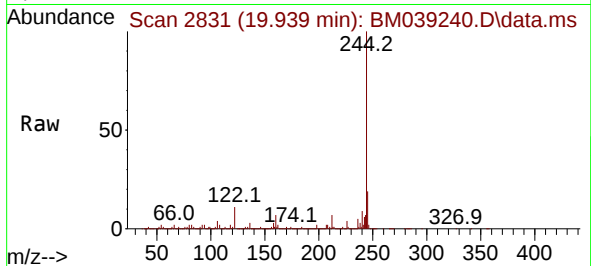




#79
 Terphenyl-d14
 Concen: 60.881 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039240.D
 Acq: 30 Mar 2023 23:25

Instrument :
 BNA_M
 ClientSampleId :
 72-11935

Tgt Ion:244 Resp: 2717706
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.9 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.909 min Scan# 3506
 Delta R.T. -0.012 min
 Lab File: BM039240.D
 Acq: 30 Mar 2023 23:25

Tgt Ion:264 Resp: 1020494
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.4 18.1 27.1

