

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
 Data File : BM039404.D
 Acq On : 12 Apr 2023 15:27
 Operator : CG/JU
 Sample : 02292-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDW-SO-G3-041123

Quant Time: Apr 13 01:47:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 16:05:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	203684	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	778247	20.000	ng	0.00
39) Acenaphthene-d10	14.515	164	445116	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	927048	20.000	ng	0.00
76) Chrysene-d12	21.456	240	940077	20.000	ng	0.00
86) Perylene-d12	23.844	264	1110777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1514411	112.017	ng	0.02
7) Phenol-d6	7.069	99	1899229	108.612	ng	0.04
23) Nitrobenzene-d5	9.033	82	1107405	69.159	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	604847	107.047	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	2277452	69.325	ng	0.00
79) Terphenyl-d14	19.892	244	3528511	69.347	ng	0.00

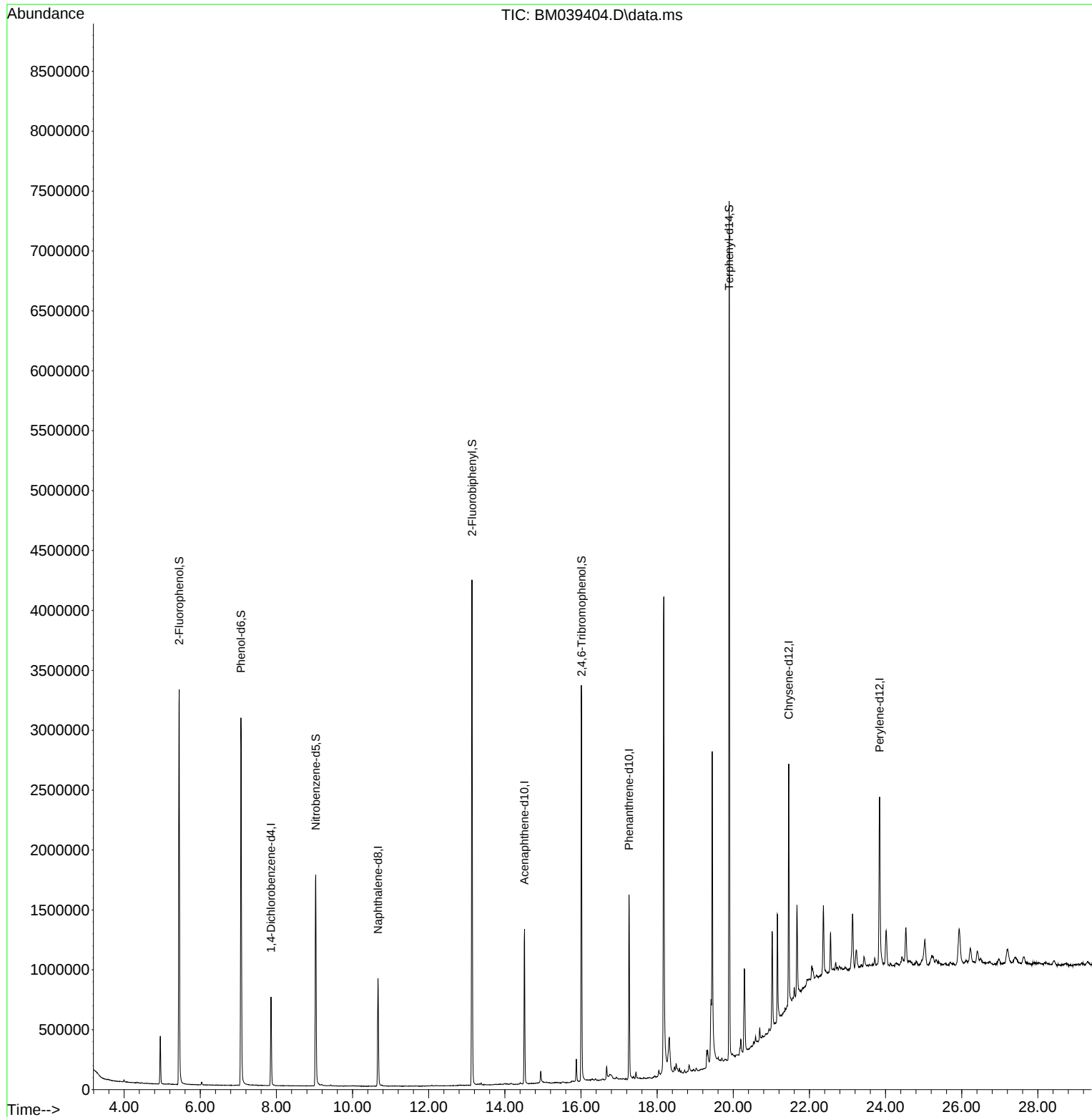
Target Compounds	Qvalue

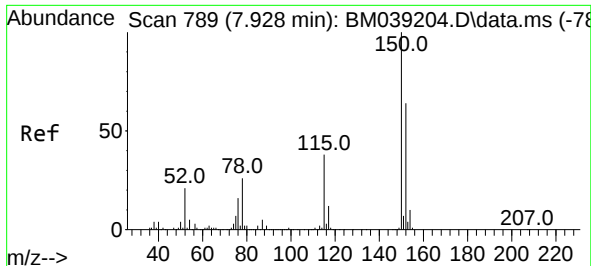
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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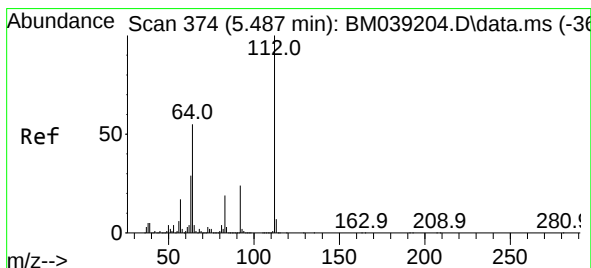
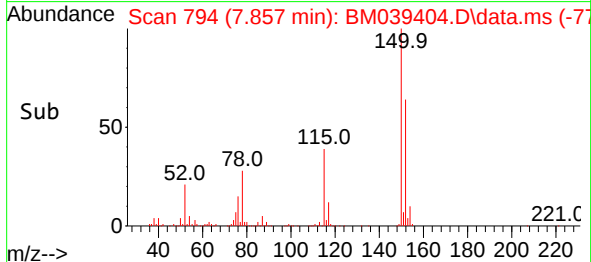
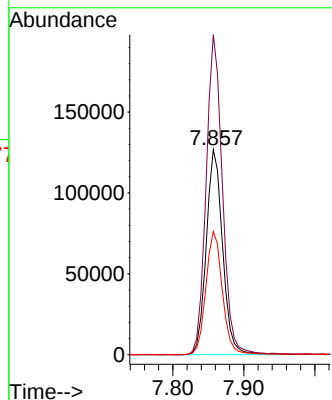
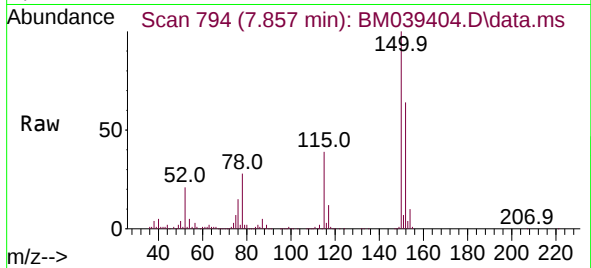




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM039404.D
Acq: 12 Apr 2023 15:27

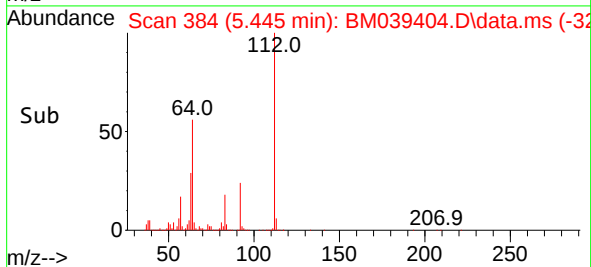
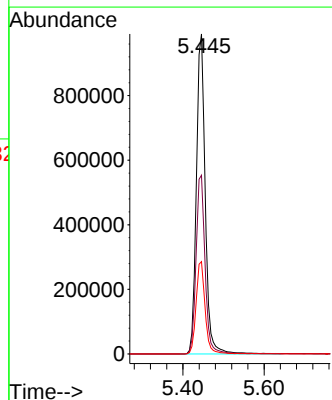
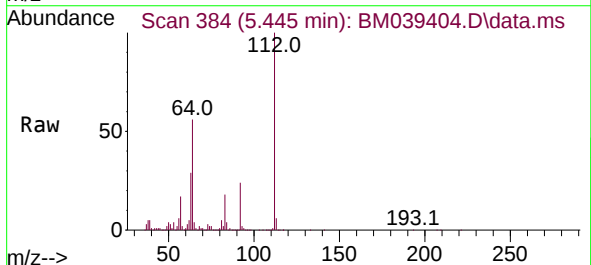
Instrument :
BNA_M
ClientSampleId :
IDW-SO-G3-041123

Tgt Ion:152 Resp: 203684
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 60.1 48.1 72.1



#5
2-Fluorophenol
Concen: 112.017 ng
RT: 5.445 min Scan# 384
Delta R.T. 0.023 min
Lab File: BM039404.D
Acq: 12 Apr 2023 15:27

Tgt Ion:112 Resp: 1514411
Ion Ratio Lower Upper
112 100
64 55.9 44.3 66.5
63 28.8 23.0 34.6

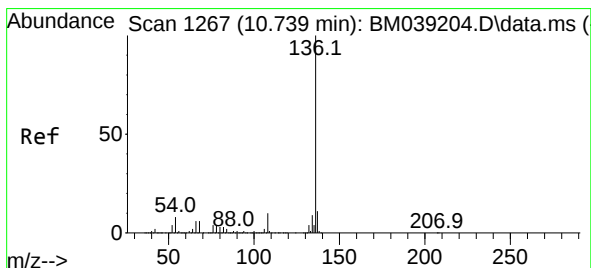
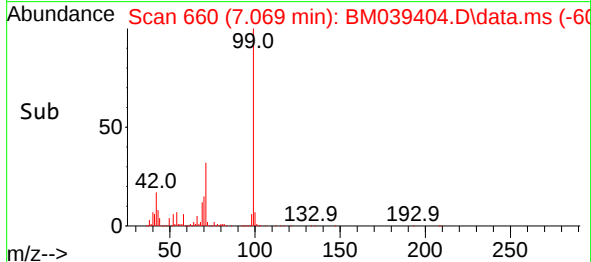
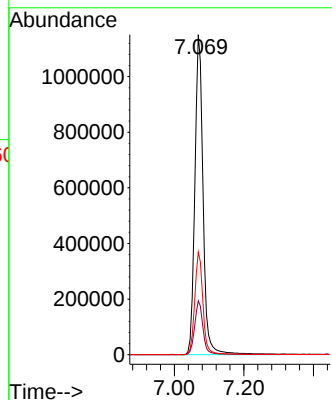
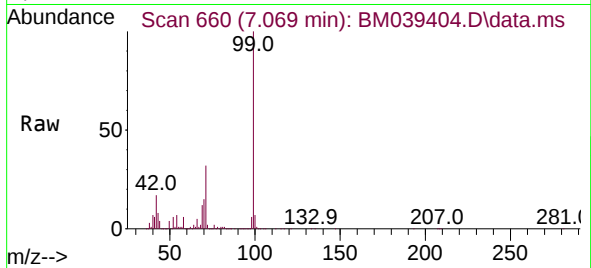




#7
Phenol-d6
Concen: 108.612 ng
RT: 7.069 min Scan# 60
Delta R.T. 0.035 min
Lab File: BM039404.D
Acq: 12 Apr 2023 15:27

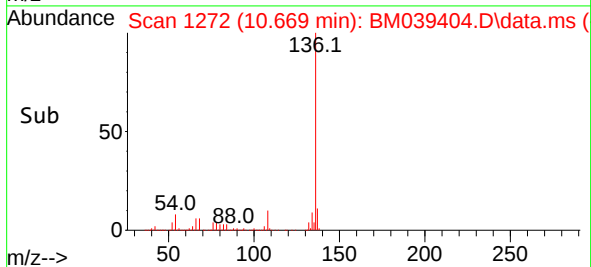
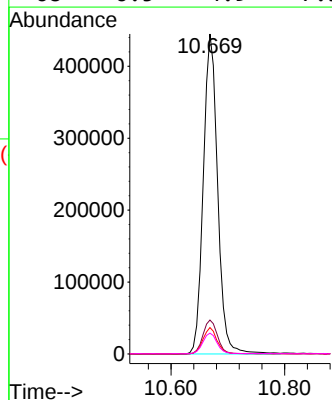
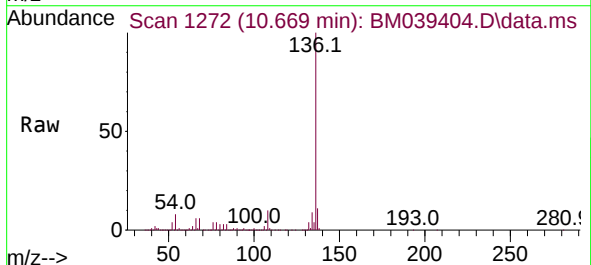
Instrument :
BNA_M
ClientSampleId :
IDW-SO-G3-041123

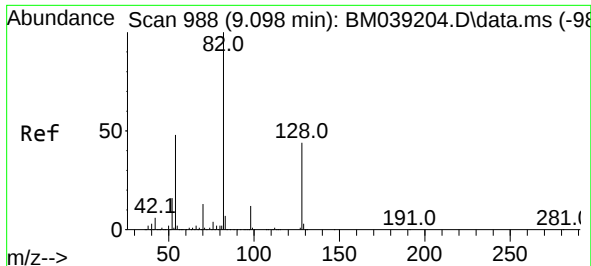
Tgt Ion: 99 Resp: 1899229
Ion Ratio Lower Upper
99 100
42 16.8 13.0 19.6
71 32.1 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM039404.D
Acq: 12 Apr 2023 15:27

Tgt Ion: 136 Resp: 778247
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.2 6.2 9.4
68 6.5 4.9 7.3

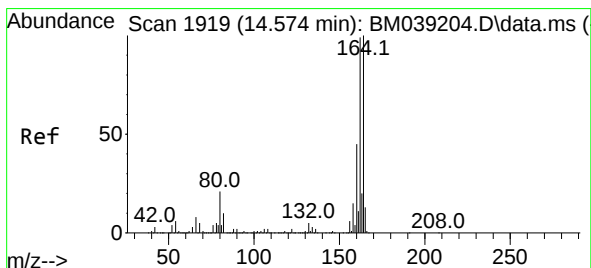
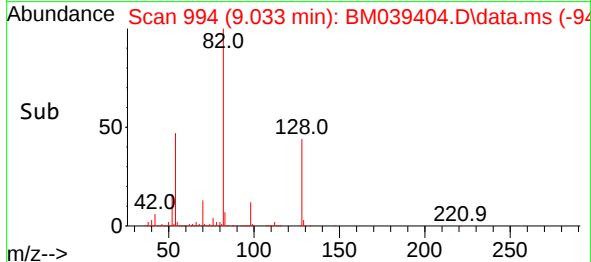
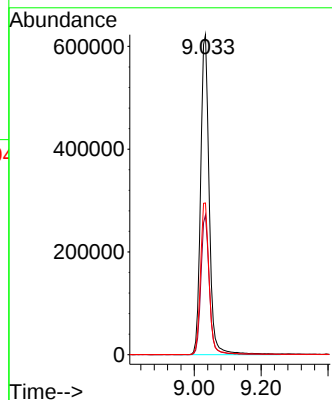
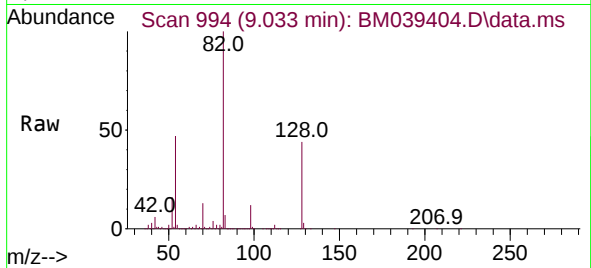




#23
Nitrobenzene-d5
Concen: 69.159 ng
RT: 9.033 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039404.D
Acq: 12 Apr 2023 15:27

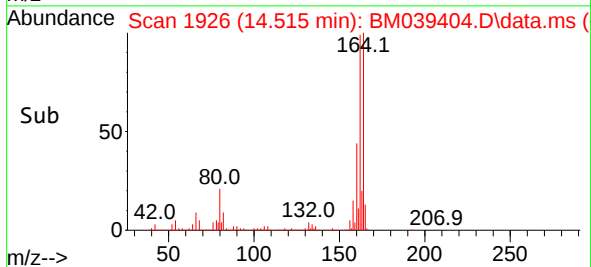
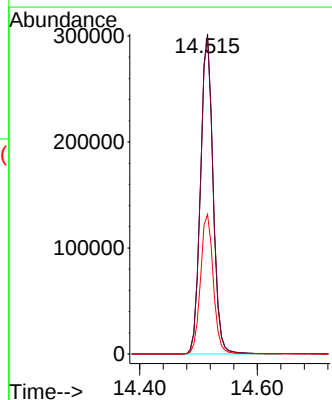
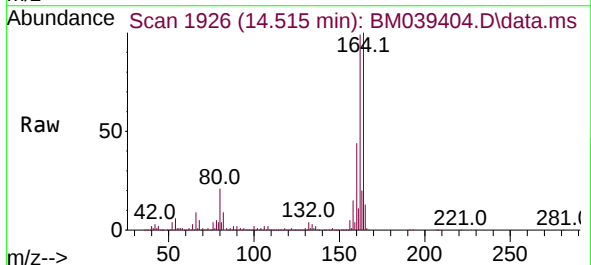
Instrument :
BNA_M
ClientSampleId :
IDW-SO-G3-041123

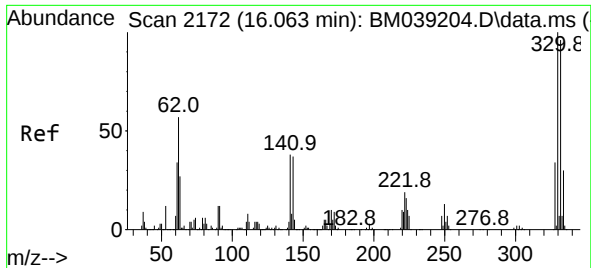
Tgt Ion: 82 Resp: 1107405
Ion Ratio Lower Upper
82 100
128 43.7 35.1 52.7
54 47.4 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.515 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BM039404.D
Acq: 12 Apr 2023 15:27

Tgt Ion:164 Resp: 445116
Ion Ratio Lower Upper
164 100
162 98.7 79.1 118.7
160 43.6 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 107.047 ng

RT: 16.015 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039404.D

Acq: 12 Apr 2023 15:27

Instrument :

BNA_M

ClientSampleId :

IDW-SO-G3-041123

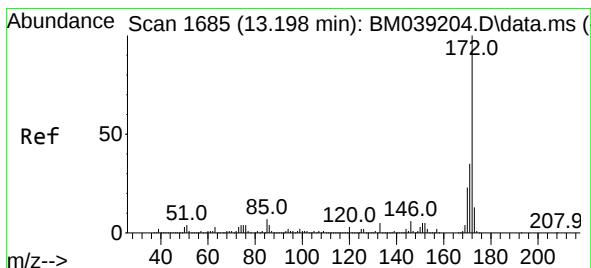
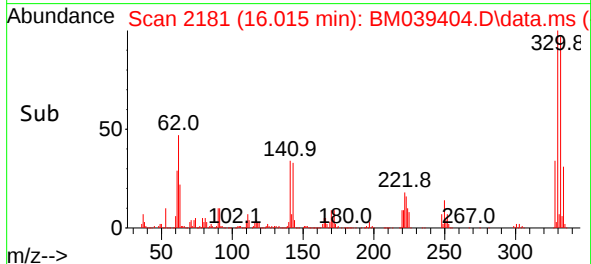
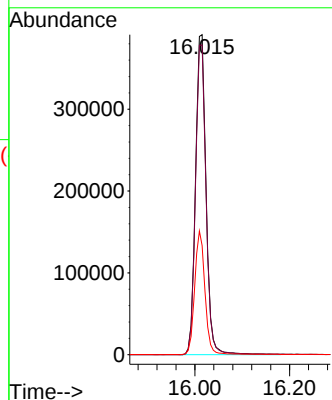
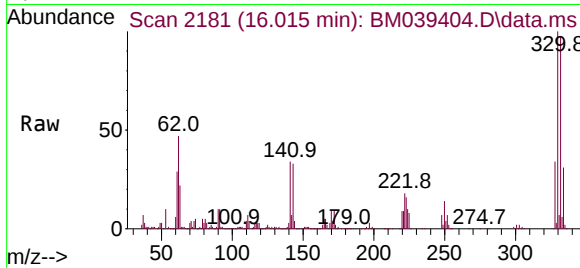
Tgt Ion:330 Resp: 604847

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 37.6 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 69.325 ng

RT: 13.139 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BM039404.D

Acq: 12 Apr 2023 15:27

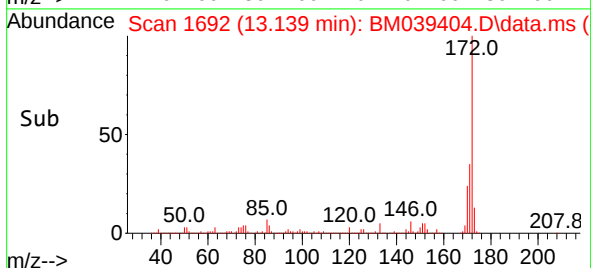
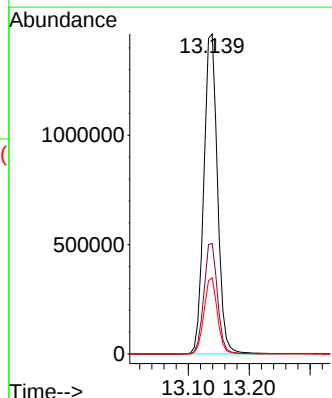
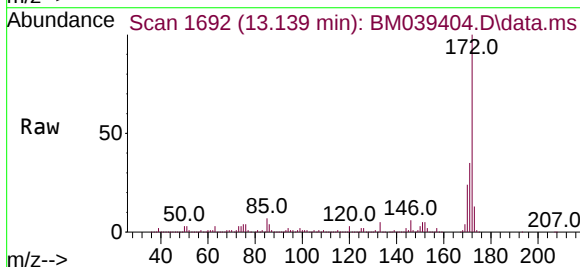
Tgt Ion:172 Resp: 2277452

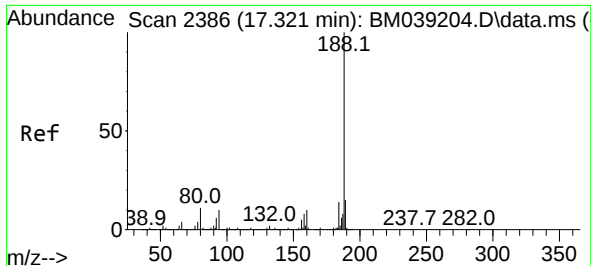
Ion Ratio Lower Upper

172 100

171 34.5 28.0 42.0

170 23.8 18.7 28.1

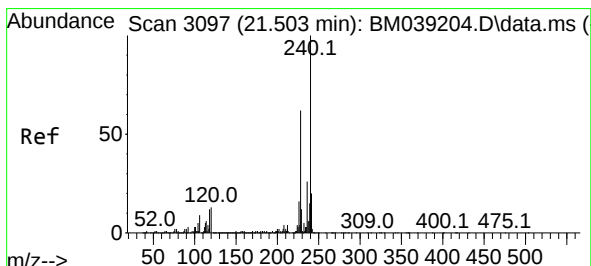
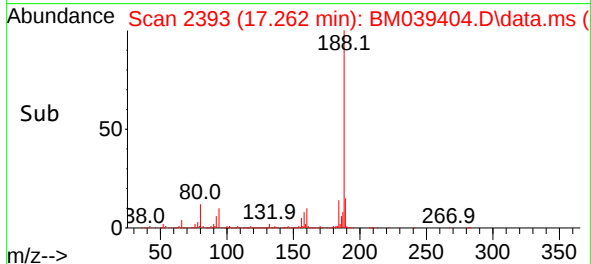
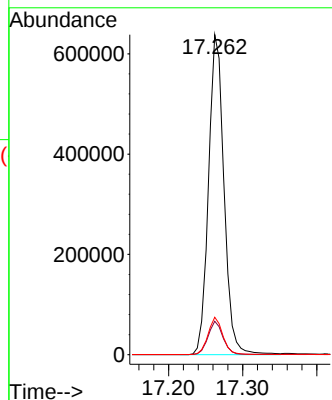
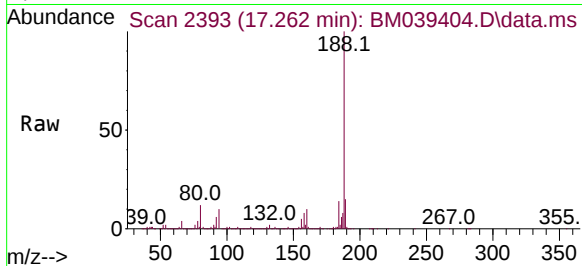




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039404.D
Acq: 12 Apr 2023 15:27

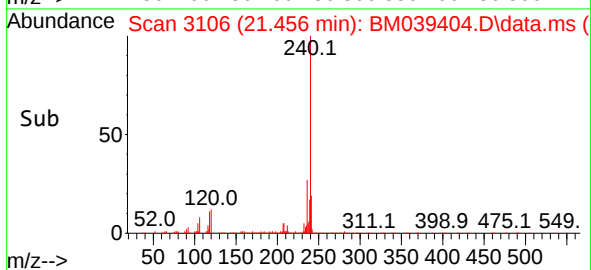
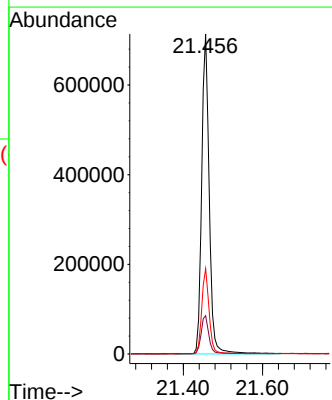
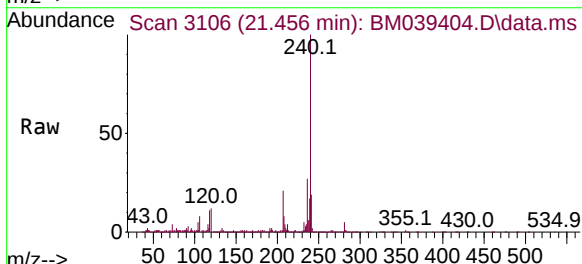
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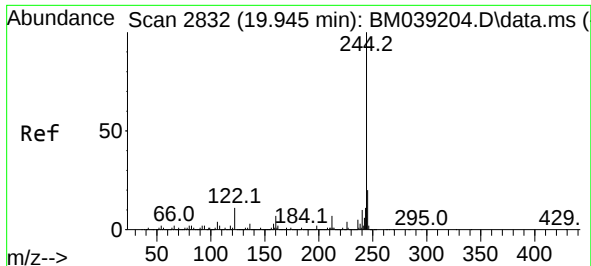
Tgt Ion:188 Resp: 927048
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.4
80 11.7 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM039404.D
Acq: 12 Apr 2023 15:27

Tgt Ion:240 Resp: 940077
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.2
236 26.7 20.9 31.3

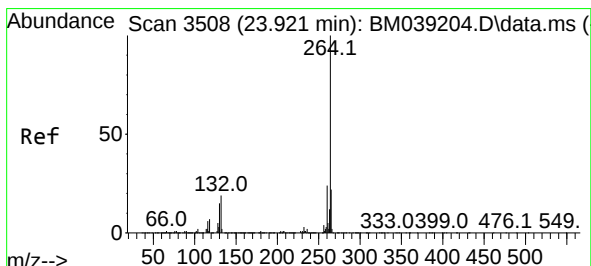
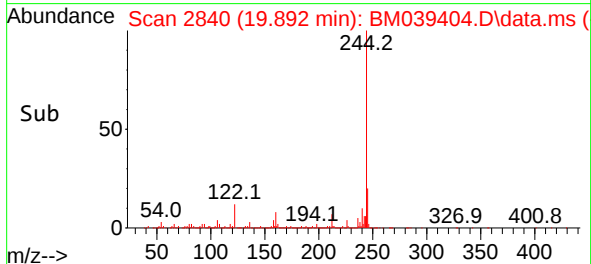
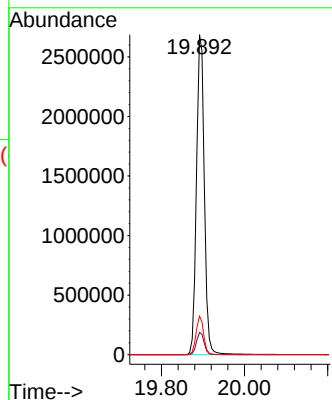
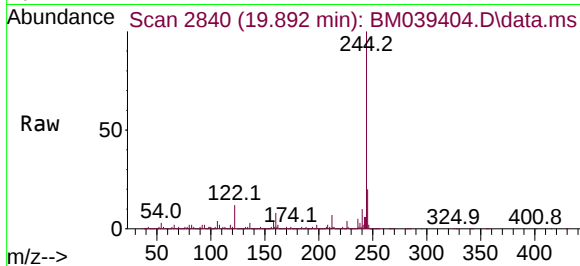




#79
 Terphenyl-d14
 Concen: 69.347 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039404.D
 Acq: 12 Apr 2023 15:27

Instrument :
 BNA_M
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Tgt Ion:244 Resp: 3528511
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.1 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.844 min Scan# 3512
 Delta R.T. -0.006 min
 Lab File: BM039404.D
 Acq: 12 Apr 2023 15:27

Tgt Ion:264 Resp: 1110777
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.2 18.1 27.1

