

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
 Data File : BM039416.D
 Acq On : 13 Apr 2023 18:15
 Operator : CG/JU
 Sample : 02292-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDW-SO-VB3-041123

Quant Time: Apr 14 05:23:41 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	182562	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	697340	20.000	ng	-0.01
39) Acenaphthene-d10	14.510	164	402173	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	845291	20.000	ng	0.00
76) Chrysene-d12	21.450	240	847641	20.000	ng	-0.01
86) Perylene-d12	23.838	264	983101	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1591343	131.326	ng	0.02
7) Phenol-d6	7.057	99	1814243	115.756	ng	0.02
23) Nitrobenzene-d5	9.028	82	1308436	91.194	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	714261	139.909	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	2684570	90.443	ng	0.00
79) Terphenyl-d14	19.892	244	4355012	94.924	ng	0.00

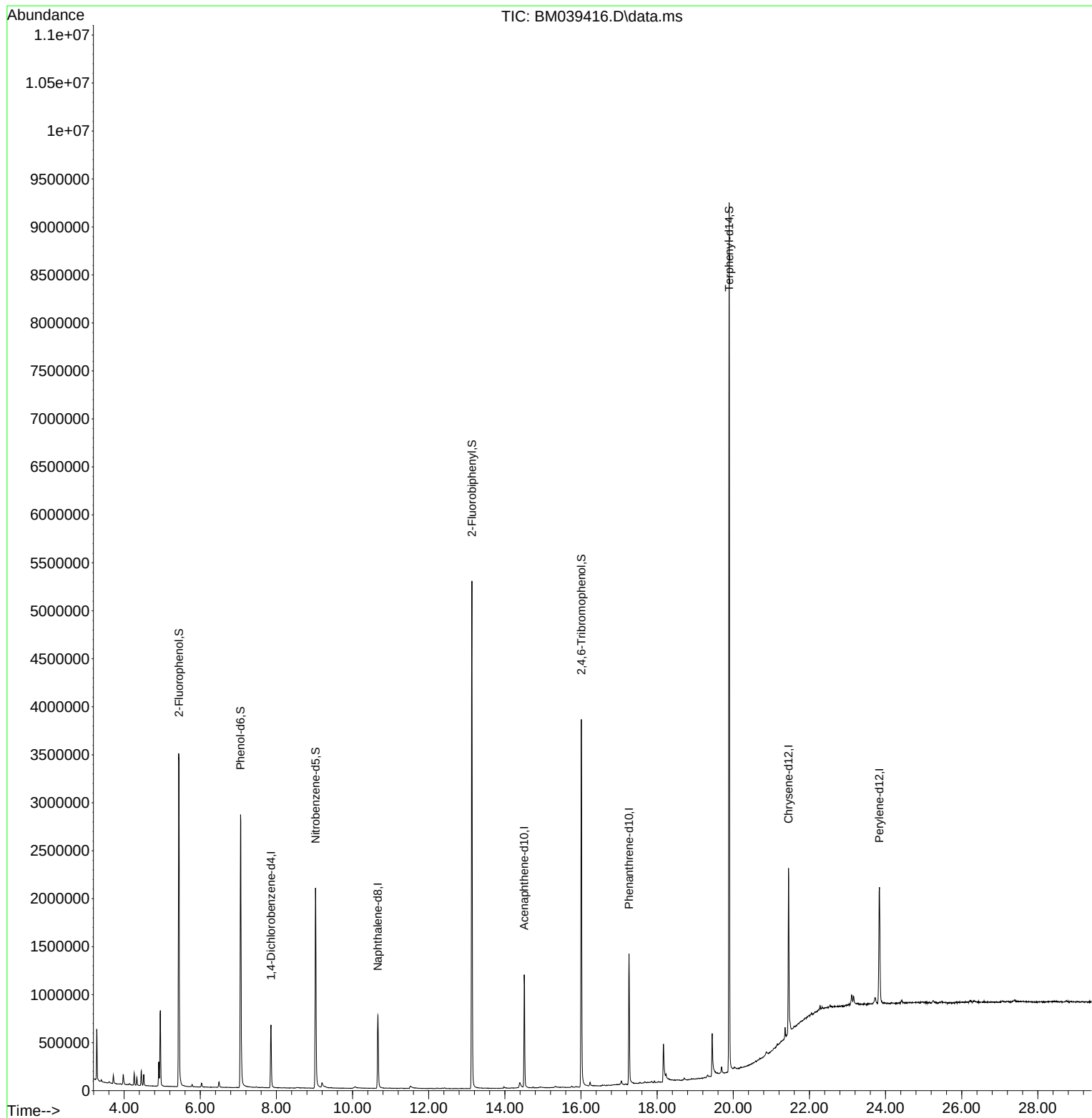
Target Compounds	Qvalue

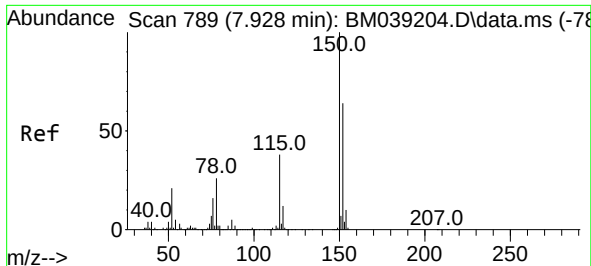
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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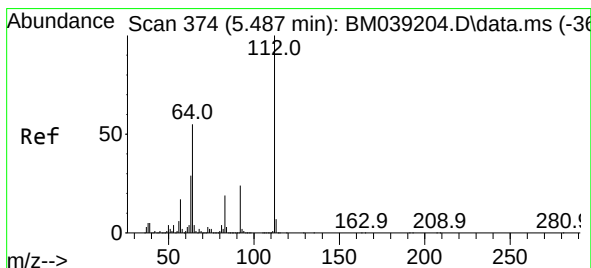
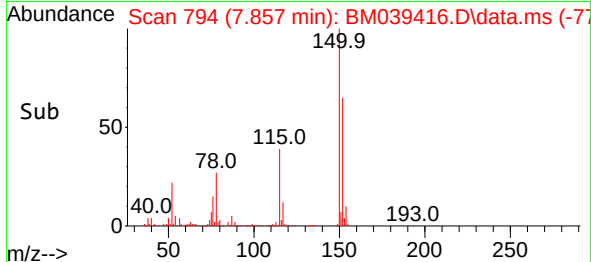
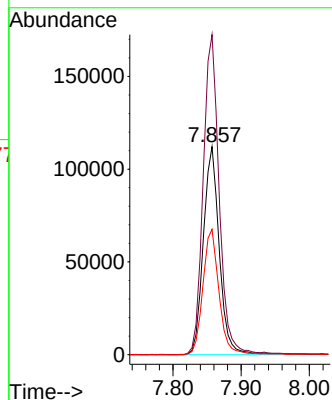
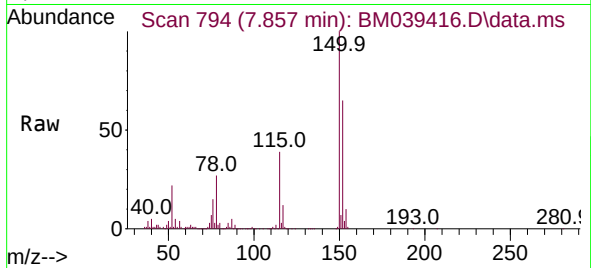




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM039416.D
Acq: 13 Apr 2023 18:15

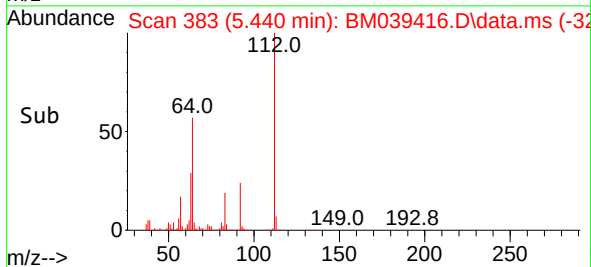
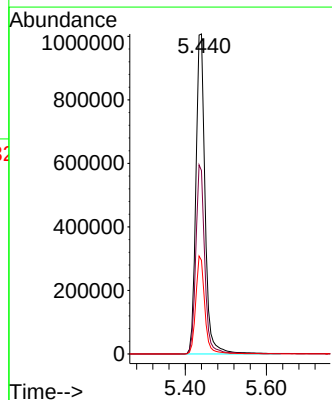
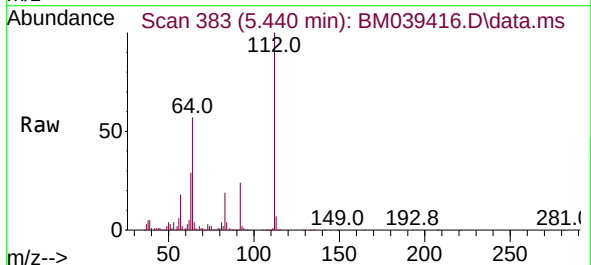
Instrument :
BNA_M
ClientSampleId :
IDW-SO-VB3-041123

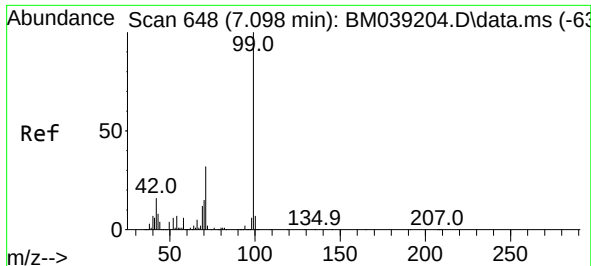
Tgt Ion:152 Resp: 182562
Ion Ratio Lower Upper
152 100
150 153.8 125.5 188.3
115 60.3 48.1 72.1



#5
2-Fluorophenol
Concen: 131.326 ng
RT: 5.440 min Scan# 383
Delta R.T. 0.018 min
Lab File: BM039416.D
Acq: 13 Apr 2023 18:15

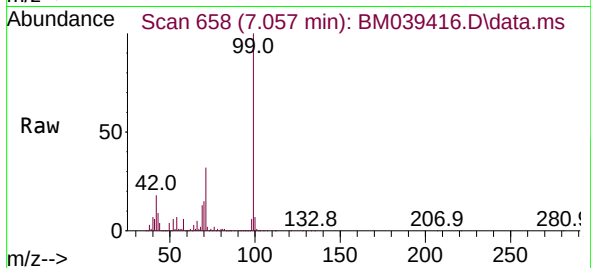
Tgt Ion:112 Resp: 1591343
Ion Ratio Lower Upper
112 100
64 57.3 44.3 66.5
63 29.2 23.0 34.6





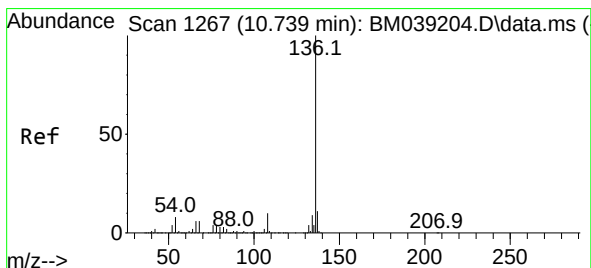
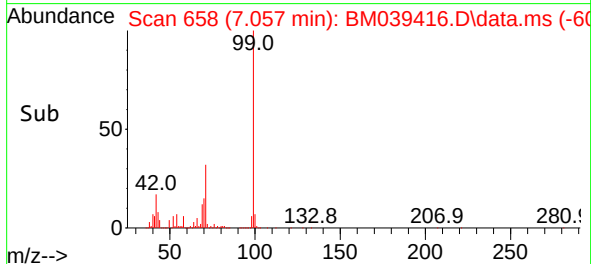
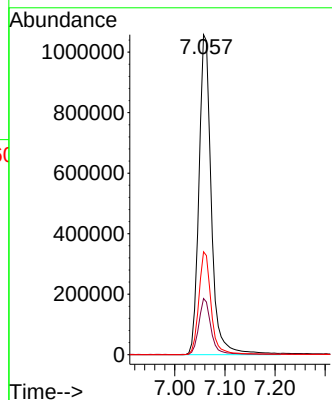
#7
Phenol-d6
Concen: 115.756 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.024 min
Lab File: BM039416.D
Acq: 13 Apr 2023 18:15

Instrument :
BNA_M
ClientSampleId :
IDW-SO-VB3-041123



Tgt Ion: 99 Resp: 1814243

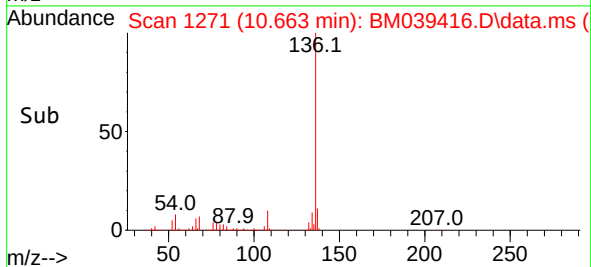
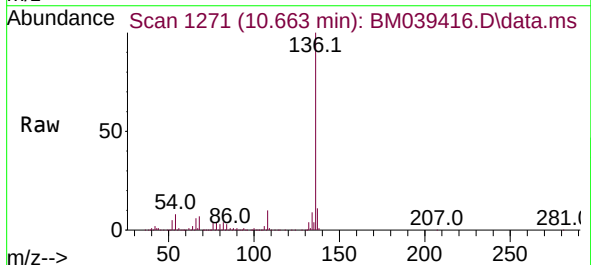
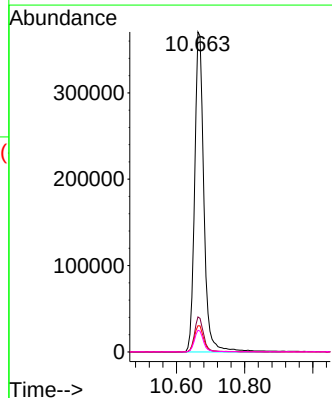
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.0	19.6
71	32.2	25.5	38.3

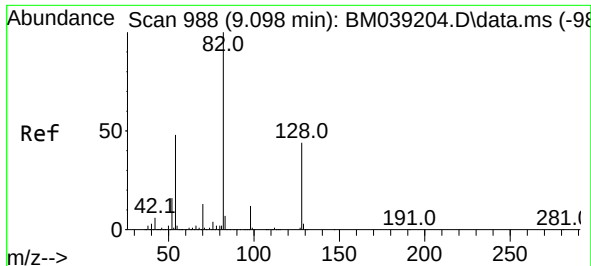


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM039416.D
Acq: 13 Apr 2023 18:15

Tgt Ion: 136 Resp: 697340

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.2	6.2	9.4
68	6.8	4.9	7.3





#23

Nitrobenzene-d5

Concen: 91.194 ng

RT: 9.028 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM039416.D

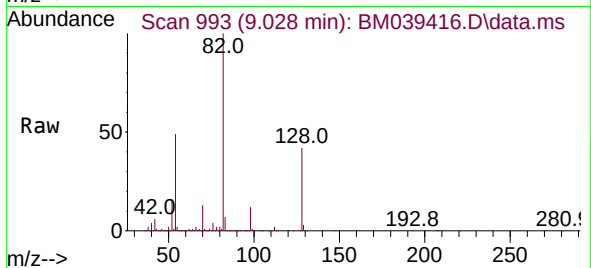
Acq: 13 Apr 2023 18:15

Instrument :

BNA_M

ClientSampleId :

IDW-SO-VB3-041123



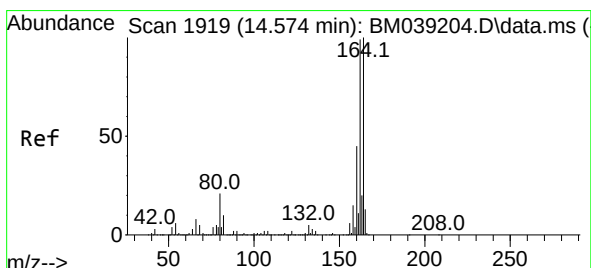
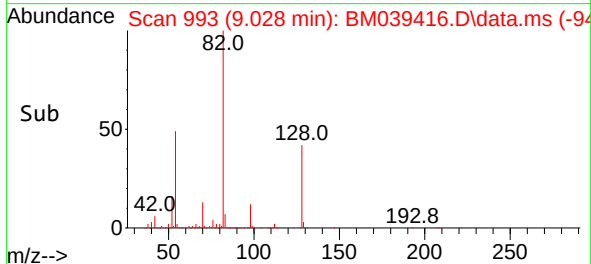
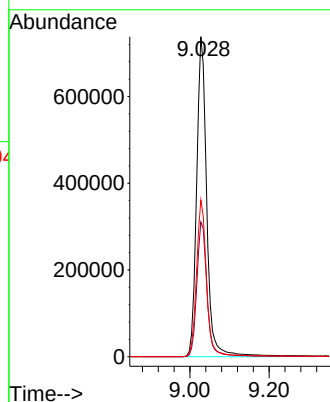
Tgt Ion: 82 Resp: 1308436

Ion Ratio Lower Upper

82 100

128 42.1 35.1 52.7

54 49.0 38.5 57.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.510 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BM039416.D

Acq: 13 Apr 2023 18:15

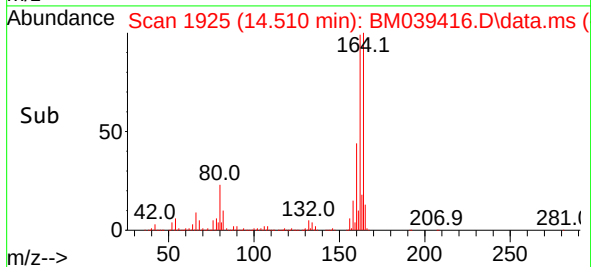
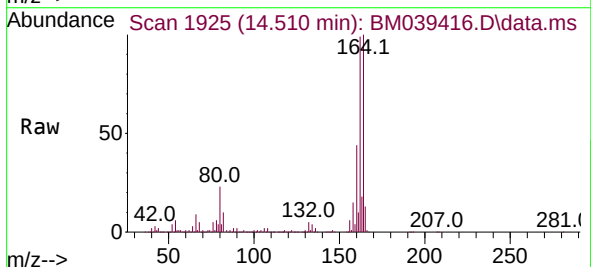
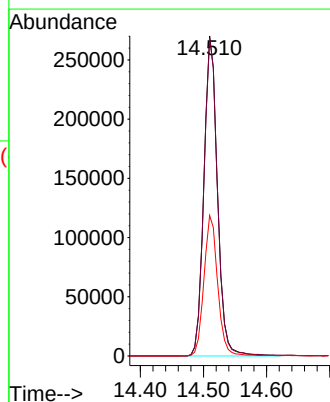
Tgt Ion:164 Resp: 402173

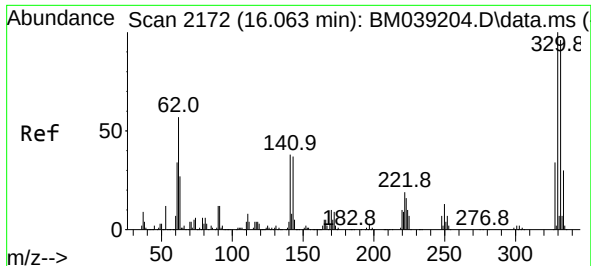
Ion Ratio Lower Upper

164 100

162 99.4 79.1 118.7

160 43.9 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 139.909 ng

RT: 16.010 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM039416.D

Acq: 13 Apr 2023 18:15

Instrument :

BNA_M

ClientSampleId :

IDW-SO-VB3-041123

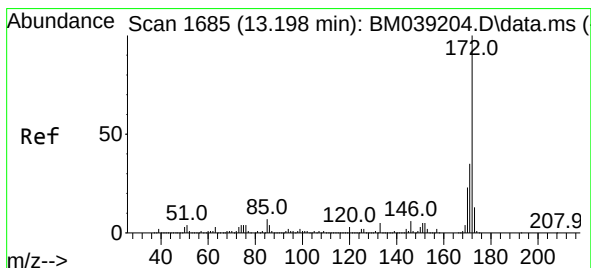
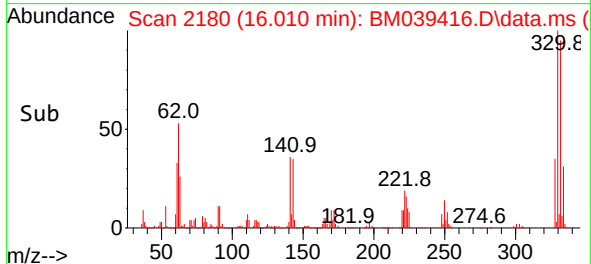
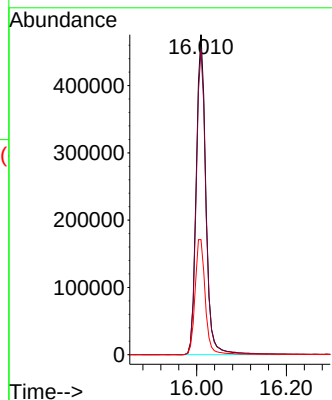
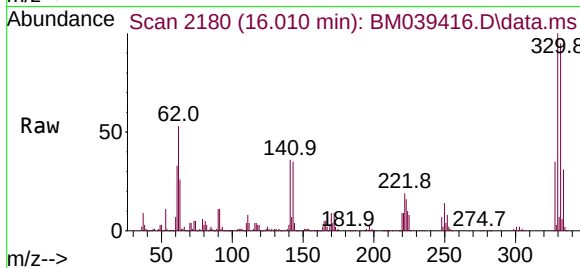
Tgt Ion:330 Resp: 714261

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 38.0 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 90.443 ng

RT: 13.133 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BM039416.D

Acq: 13 Apr 2023 18:15

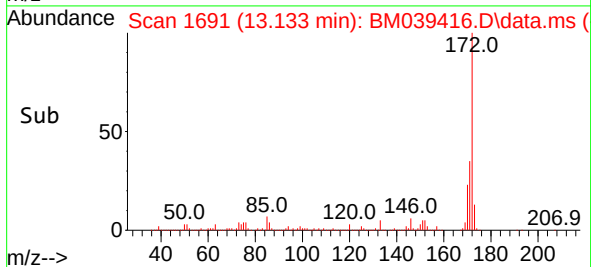
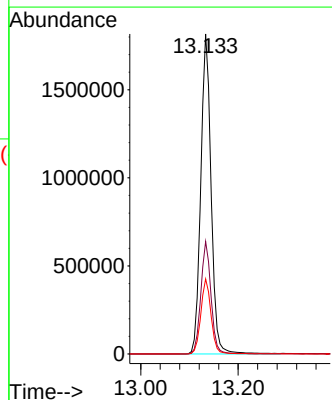
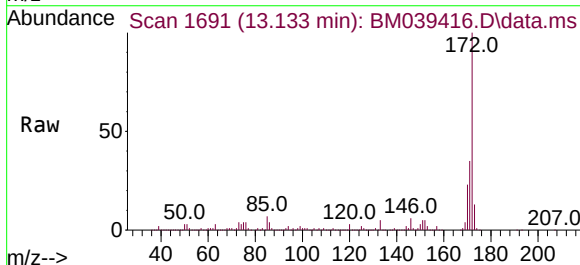
Tgt Ion:172 Resp: 2684570

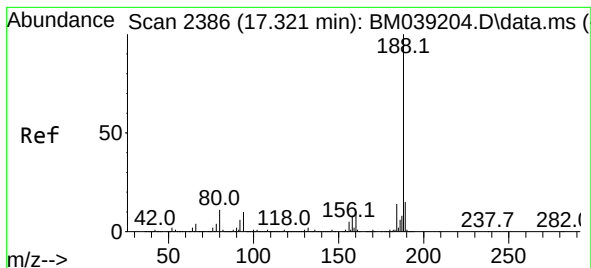
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.5 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: BM039416.D

Acq: 13 Apr 2023 18:15

Instrument :

BNA_M

ClientSampleId :

IDW-SO-VB3-041123

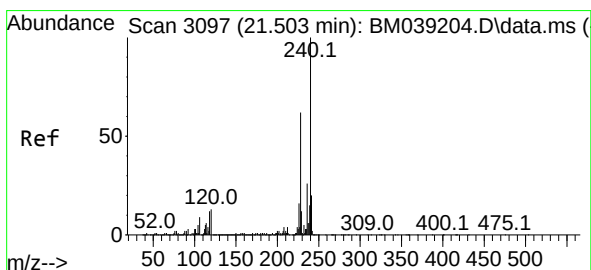
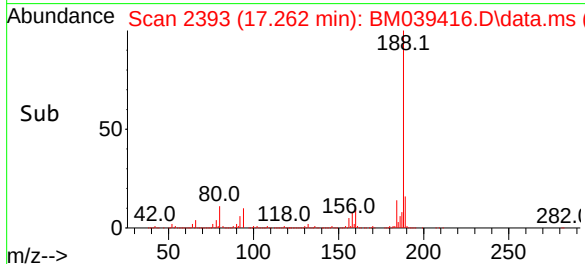
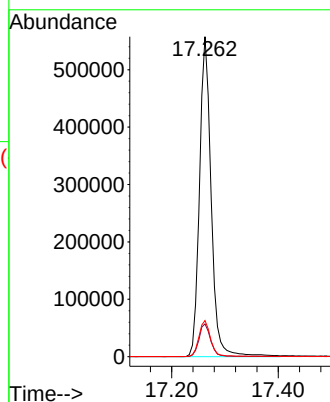
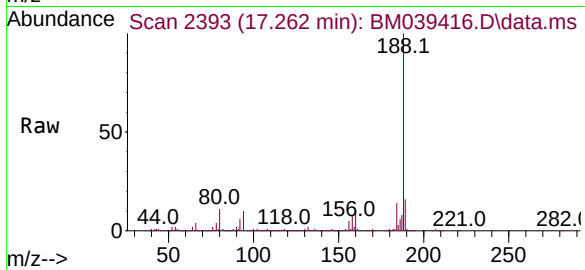
Tgt Ion:188 Resp: 845291

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

80 11.3 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BM039416.D

Acq: 13 Apr 2023 18:15

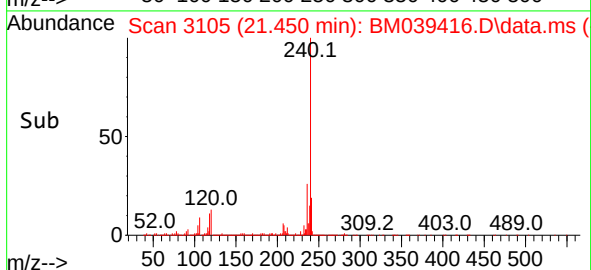
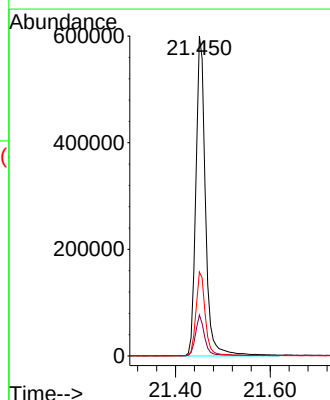
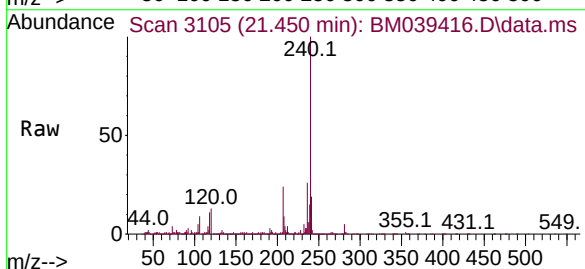
Tgt Ion:240 Resp: 847641

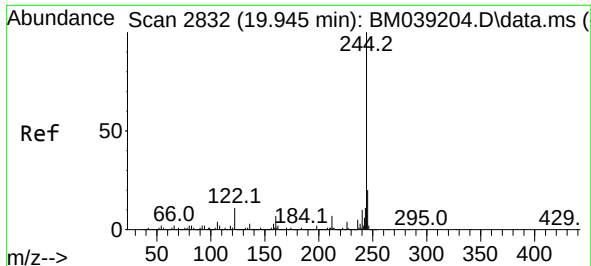
Ion Ratio Lower Upper

240 100

120 12.8 10.2 15.2

236 26.2 20.9 31.3

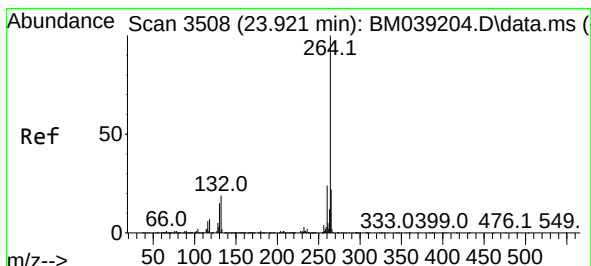
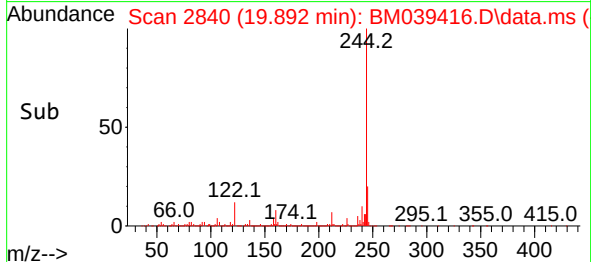
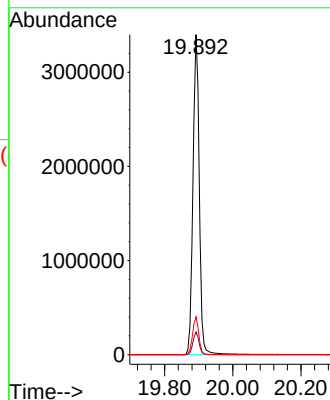
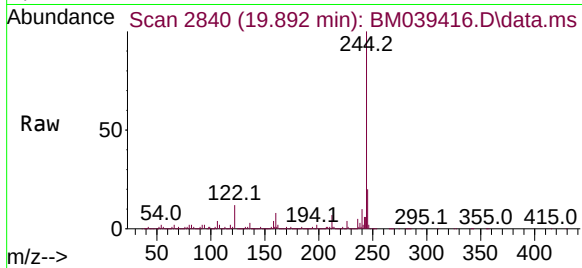




#79
 Terphenyl-d14
 Concen: 94.924 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039416.D
 Acq: 13 Apr 2023 18:15

Instrument :
 BNA_M
 ClientSampleId :
 IDW-SO-VB3-041123

Tgt Ion:244 Resp: 4355012
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.8 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.838 min Scan# 3511
 Delta R.T. -0.012 min
 Lab File: BM039416.D
 Acq: 13 Apr 2023 18:15

Tgt Ion:264 Resp: 983101
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.3 18.1 27.1

