

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
 Data File : BM039417.D
 Acq On : 13 Apr 2023 18:54
 Operator : CG/JU
 Sample : 02292-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDW-SO-VB1-041123

Quant Time: Apr 14 05:16:22 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	169008	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	646638	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	377031	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	816383	20.000	ng	0.00
76) Chrysene-d12	21.450	240	824751	20.000	ng	-0.01
86) Perylene-d12	23.839	264	933317	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1416510	126.273	ng	0.01
7) Phenol-d6	7.057	99	1597567	110.106	ng	0.02
23) Nitrobenzene-d5	9.028	82	1174667	88.290	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	671978	140.404	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	2430284	87.336	ng	0.00
79) Terphenyl-d14	19.892	244	4229737	94.752	ng	0.00

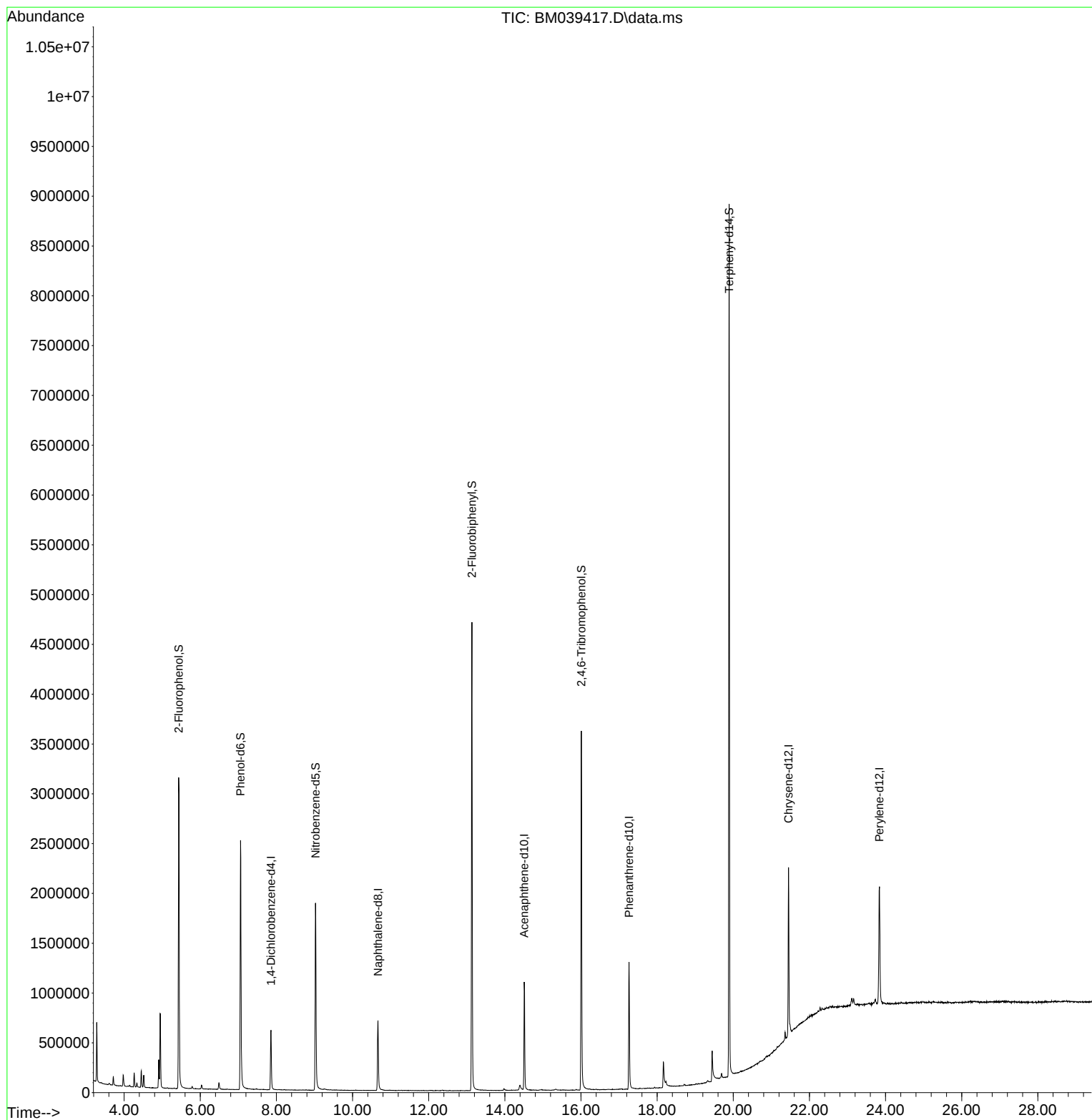
Target Compounds	Qvalue

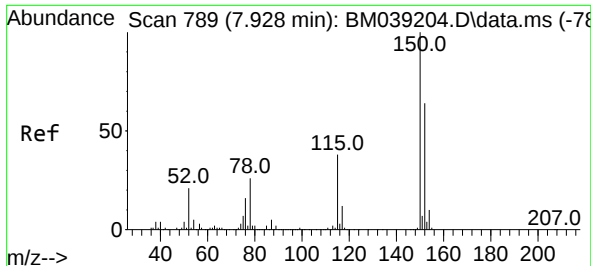
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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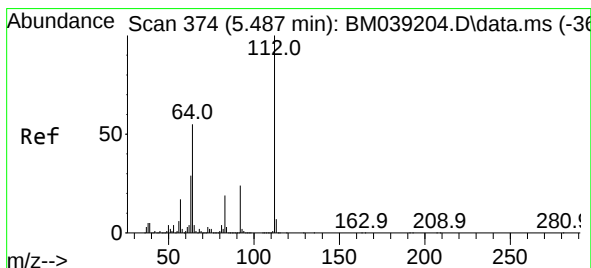
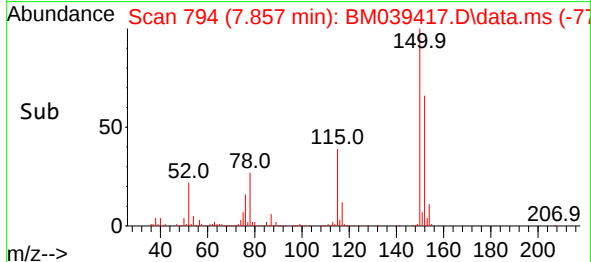
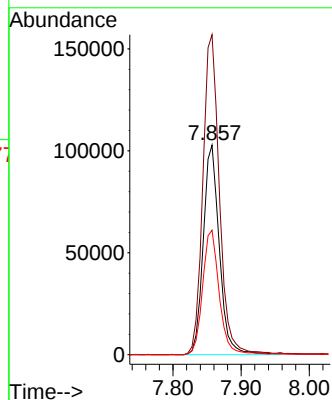
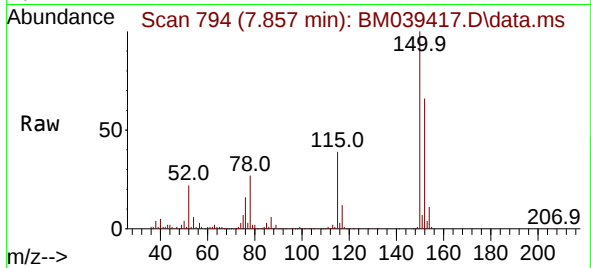




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM039417.D
Acq: 13 Apr 2023 18:54

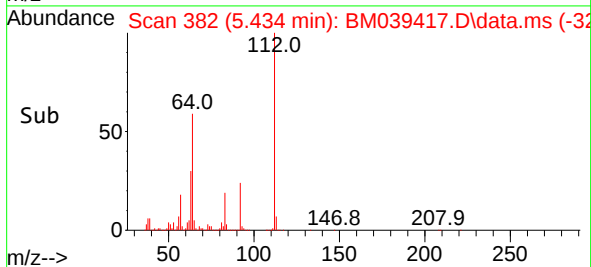
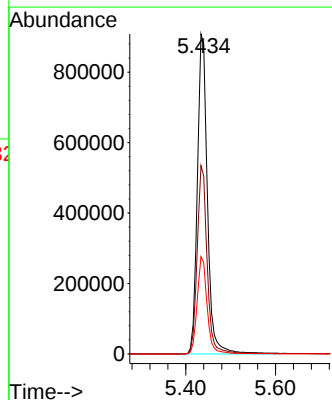
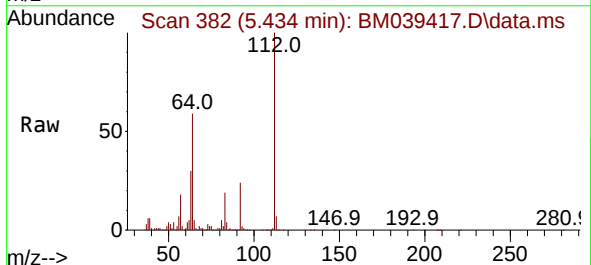
Instrument :
BNA_M
ClientSampleId :
IDW-SO-VB1-041123

Tgt Ion:152 Resp: 169008
Ion Ratio Lower Upper
152 100
150 152.6 125.5 188.3
115 59.4 48.1 72.1



#5
2-Fluorophenol
Concen: 126.273 ng
RT: 5.434 min Scan# 382
Delta R.T. 0.012 min
Lab File: BM039417.D
Acq: 13 Apr 2023 18:54

Tgt Ion:112 Resp: 1416510
Ion Ratio Lower Upper
112 100
64 58.8 44.3 66.5
63 30.4 23.0 34.6

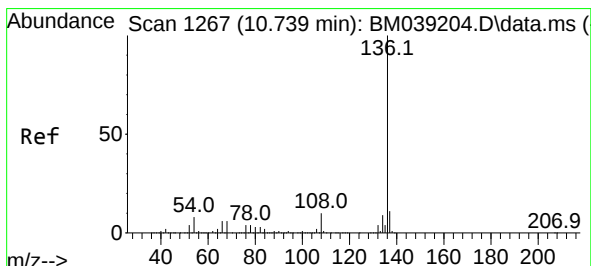
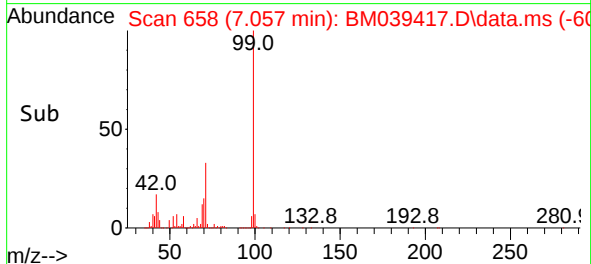
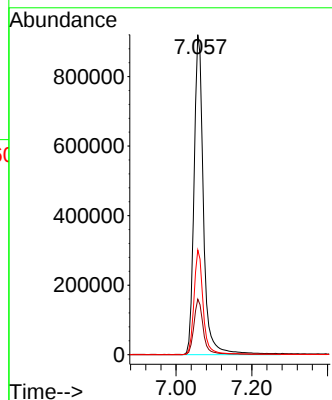
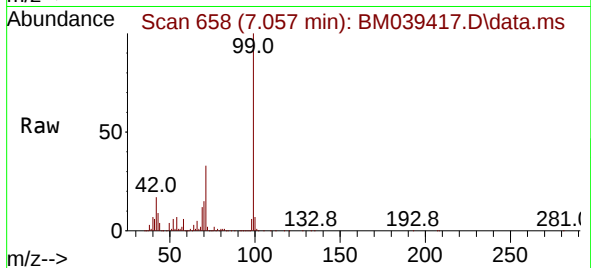




#7
Phenol-d6
Concen: 110.106 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.024 min
Lab File: BM039417.D
Acq: 13 Apr 2023 18:54

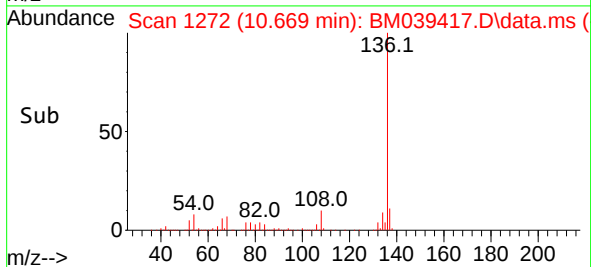
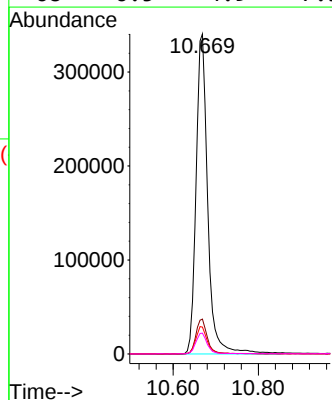
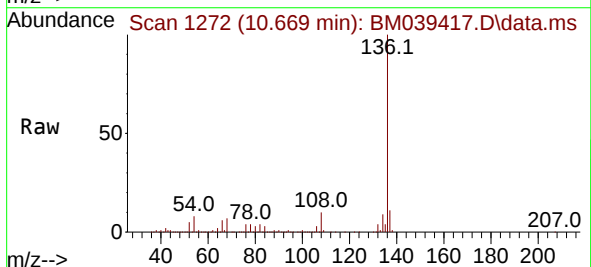
Instrument :
BNA_M
ClientSampleId :
IDW-SO-VB1-041123

Tgt Ion: 99 Resp: 1597567
Ion Ratio Lower Upper
99 100
42 17.4 13.0 19.6
71 32.7 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: BM039417.D
Acq: 13 Apr 2023 18:54

Tgt Ion: 136 Resp: 646638
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.4 6.2 9.4
68 6.5 4.9 7.3



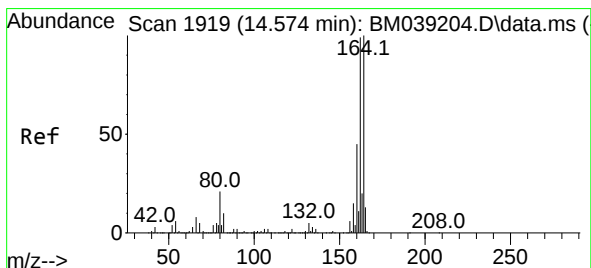
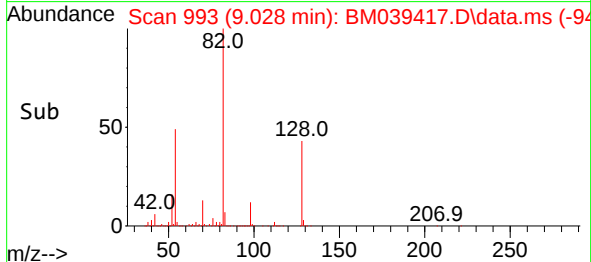
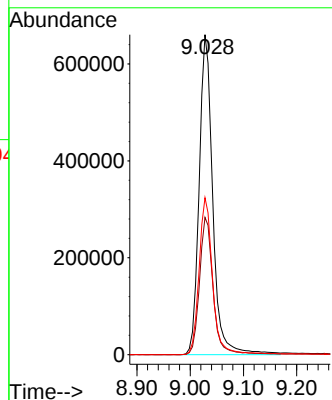
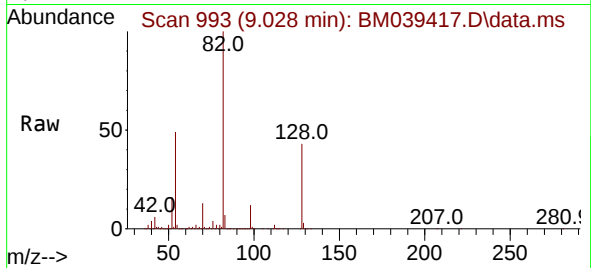


#23
Nitrobenzene-d5
Concen: 88.290 ng
RT: 9.028 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039417.D
Acq: 13 Apr 2023 18:54

Instrument :
BNA_M
ClientSampleId :
IDW-SO-VB1-041123

Tgt Ion: 82 Resp: 1174667

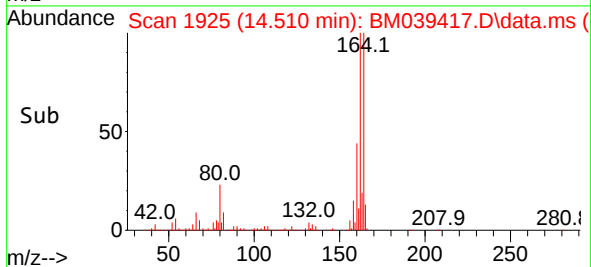
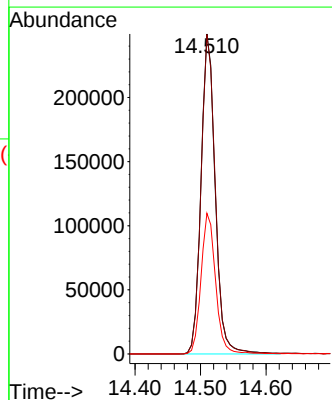
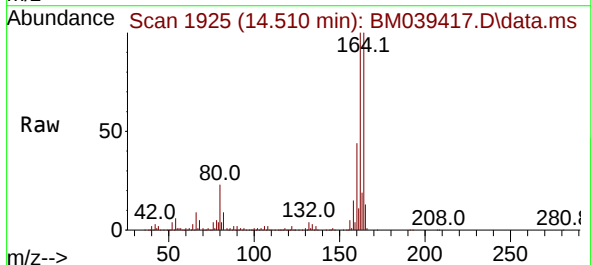
Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.1	52.7
54	49.1	38.5	57.7

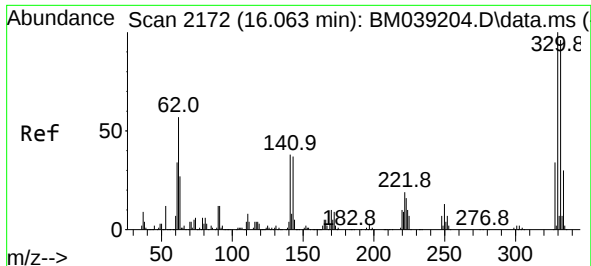


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039417.D
Acq: 13 Apr 2023 18:54

Tgt Ion: 164 Resp: 377031

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.1	118.7
160	44.0	35.8	53.8

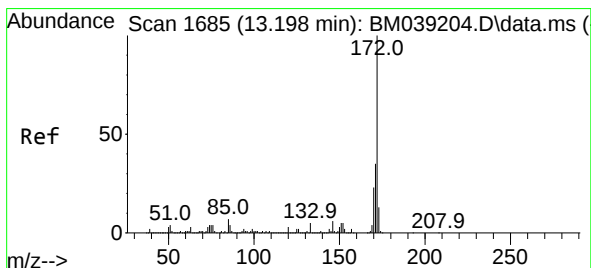
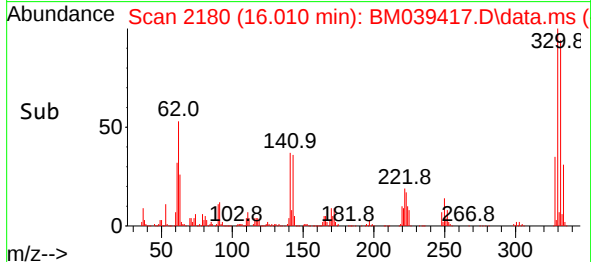
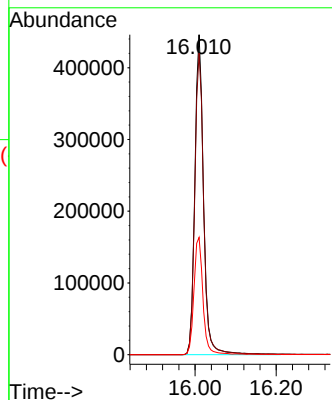
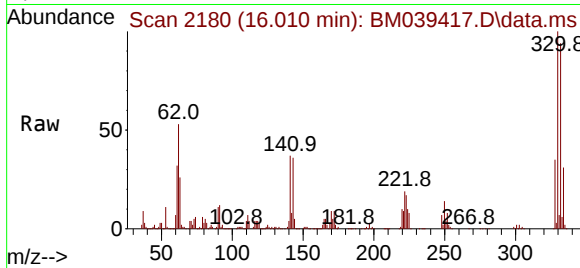




#42
2,4,6-Tribromophenol
Concen: 140.404 ng
RT: 16.010 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM039417.D
Acq: 13 Apr 2023 18:54

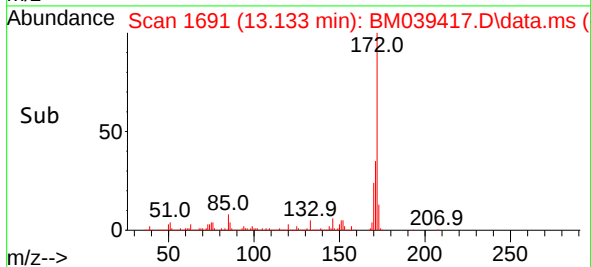
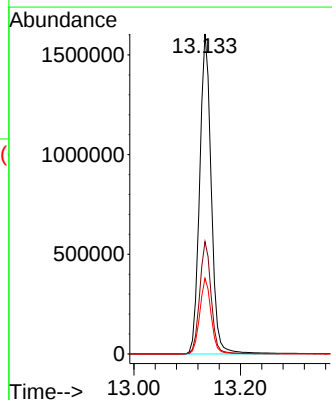
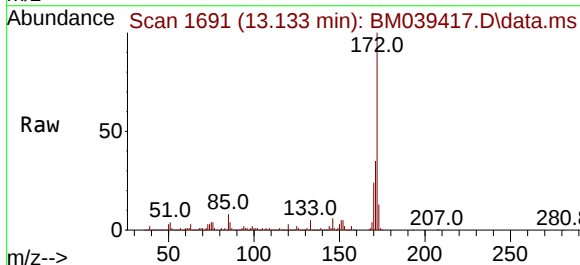
Instrument :
BNA_M
ClientSampleId :
IDW-SO-VB1-041123

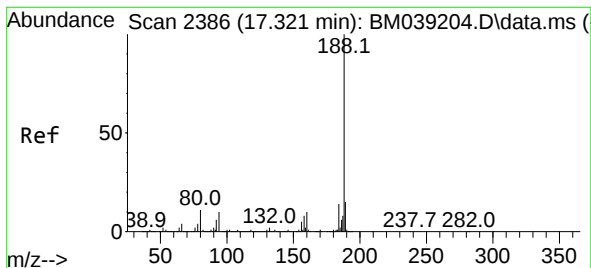
Tgt Ion:330 Resp: 671978
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 37.8 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 87.336 ng
RT: 13.133 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BM039417.D
Acq: 13 Apr 2023 18:54

Tgt Ion:172 Resp: 2430284
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.6 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: BM039417.D

Acq: 13 Apr 2023 18:54

Instrument :

BNA_M

ClientSampleId :

IDW-SO-VB1-041123

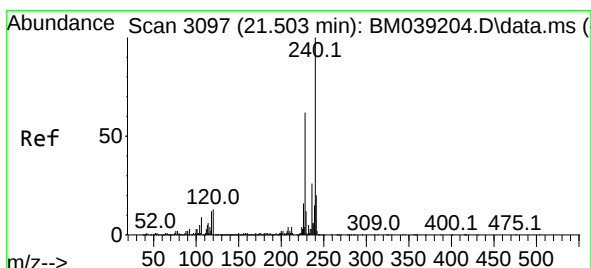
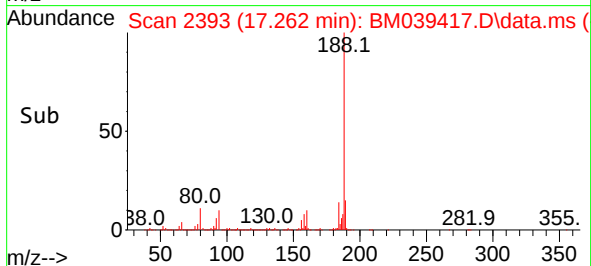
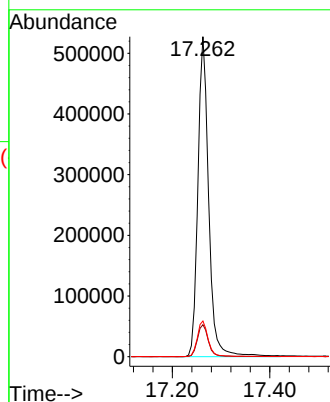
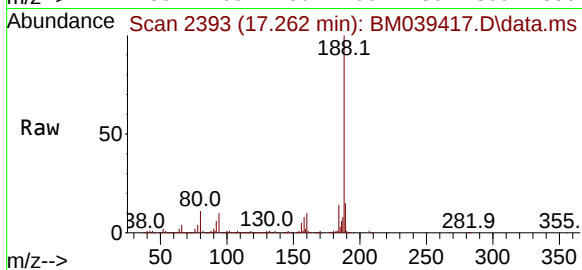
Tgt Ion:188 Resp: 816383

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

80 11.2 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: BM039417.D

Acq: 13 Apr 2023 18:54

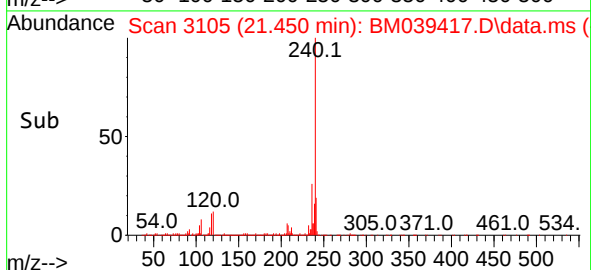
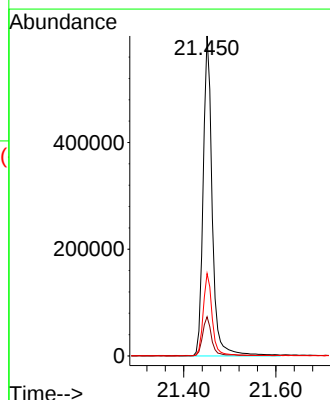
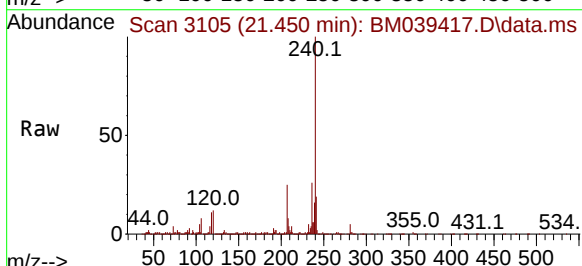
Tgt Ion:240 Resp: 824751

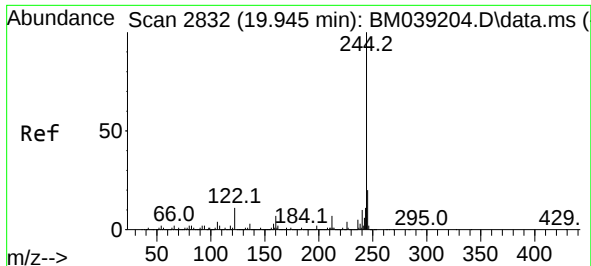
Ion Ratio Lower Upper

240 100

120 12.2 10.2 15.2

236 25.8 20.9 31.3

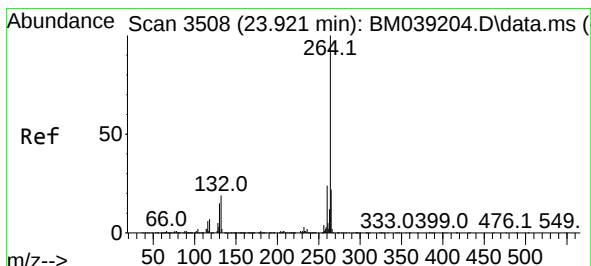
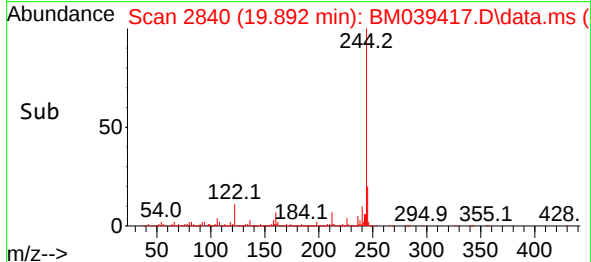
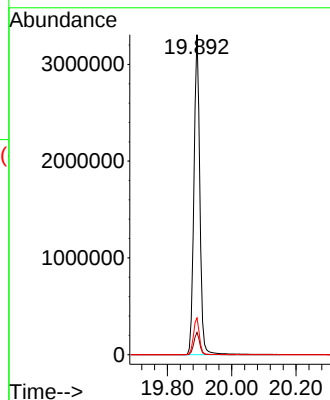
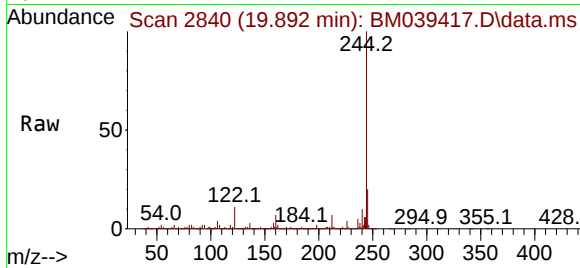




#79
 Terphenyl-d14
 Concen: 94.752 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039417.D
 Acq: 13 Apr 2023 18:54

Instrument :
 BNA_M
 ClientSampleId :
 IDW-SO-VB1-041123

Tgt Ion:244 Resp: 4229737
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.5 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.839 min Scan# 3511
 Delta R.T. -0.012 min
 Lab File: BM039417.D
 Acq: 13 Apr 2023 18:54

Tgt Ion:264 Resp: 933317
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 22.6 18.1 27.1

