

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
 Data File : BM039405.D
 Acq On : 12 Apr 2023 16:06
 Operator : CG/JU
 Sample : 02287-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BS-1-2

Quant Time: Apr 13 01:48:13 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	170467	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	644054	20.000	ng	0.00
39) Acenaphthene-d10	14.515	164	369341	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	766906	20.000	ng	0.00
76) Chrysene-d12	21.456	240	791792	20.000	ng	0.00
86) Perylene-d12	23.844	264	927821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	868639	76.771	ng	0.02
7) Phenol-d6	7.069	99	1209614	82.654	ng	0.04
23) Nitrobenzene-d5	9.033	82	833883	62.928	ng	0.00
42) 2,4,6-Tribromophenol	16.009	330	296880	63.322	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	1788002	65.592	ng	0.00
79) Terphenyl-d14	19.892	244	2862990	66.805	ng	0.00

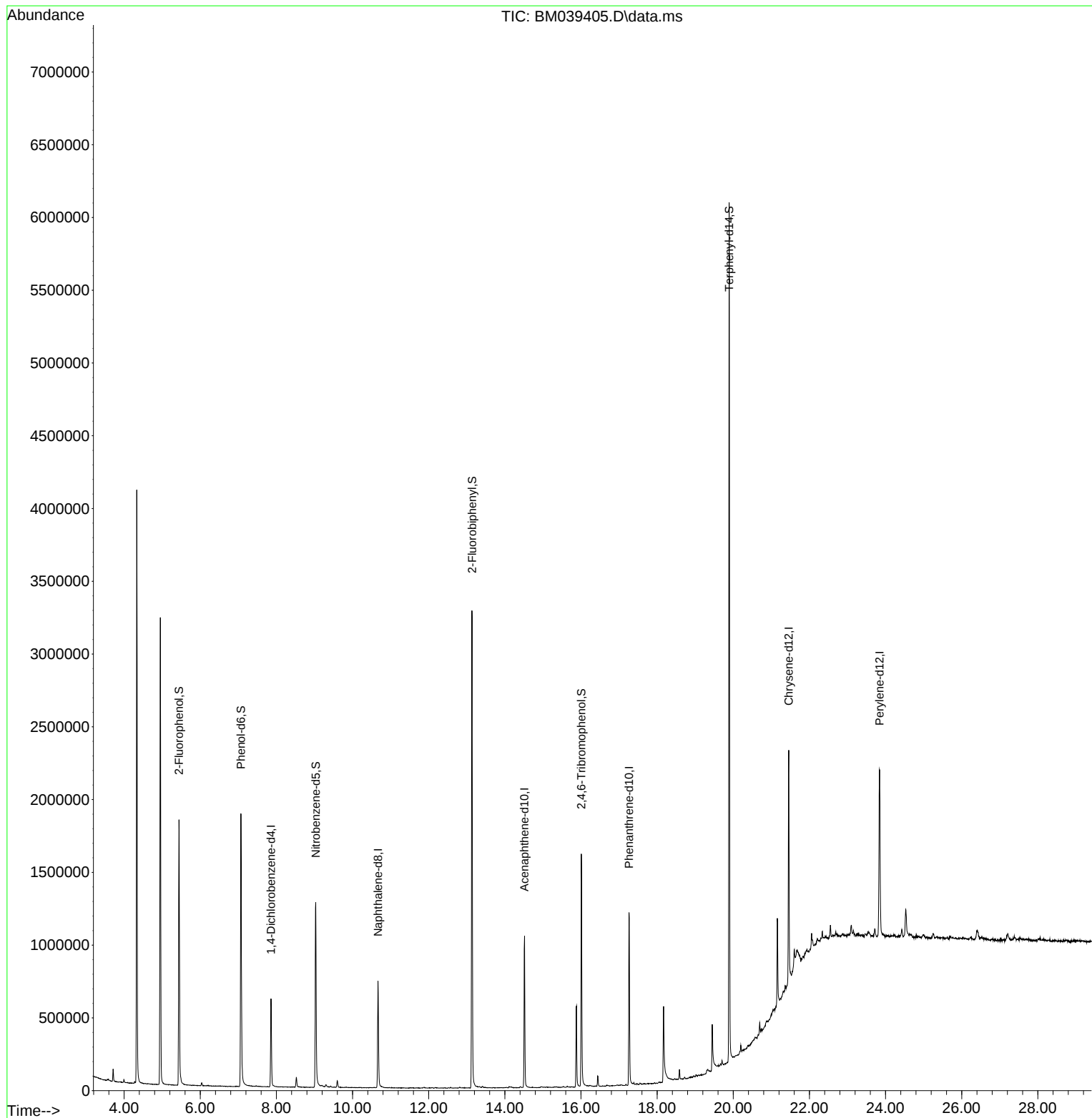
Target Compounds	Qvalue

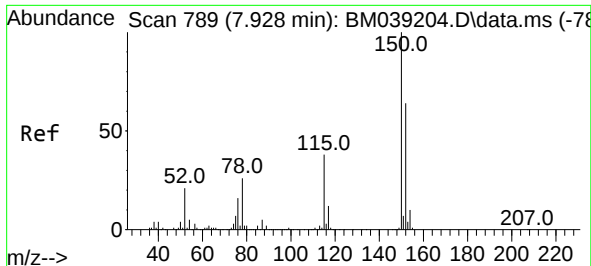
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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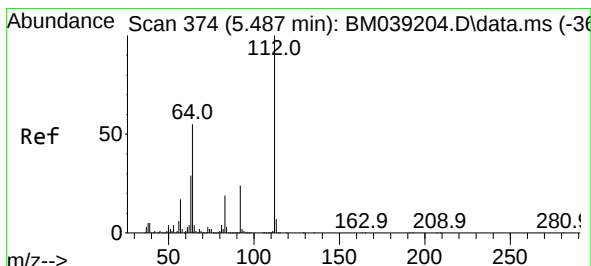
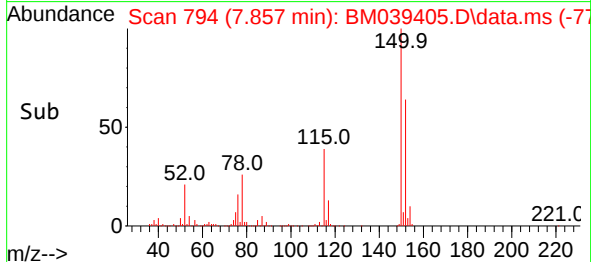
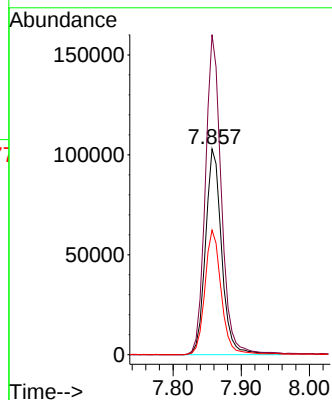
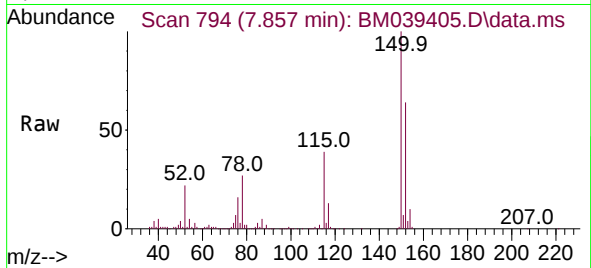




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM039405.D
Acq: 12 Apr 2023 16:06

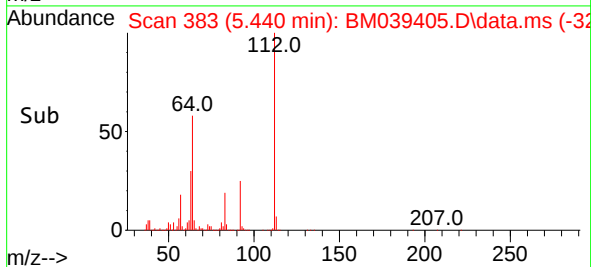
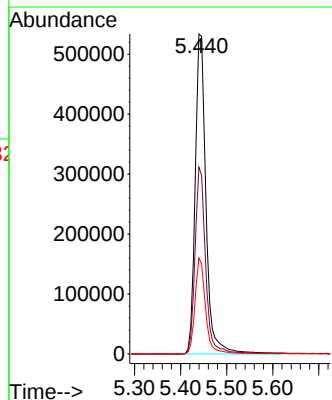
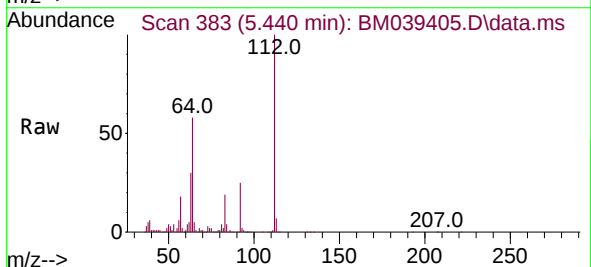
Instrument :
BNA_M
ClientSampleId :
BS-1-2

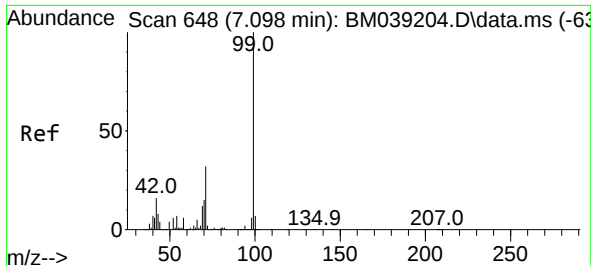
Tgt Ion:152 Resp: 170467
Ion Ratio Lower Upper
152 100
150 155.5 125.5 188.3
115 60.5 48.1 72.1



#5
2-Fluorophenol
Concen: 76.771 ng
RT: 5.440 min Scan# 383
Delta R.T. 0.018 min
Lab File: BM039405.D
Acq: 12 Apr 2023 16:06

Tgt Ion:112 Resp: 868639
Ion Ratio Lower Upper
112 100
64 58.4 44.3 66.5
63 30.0 23.0 34.6

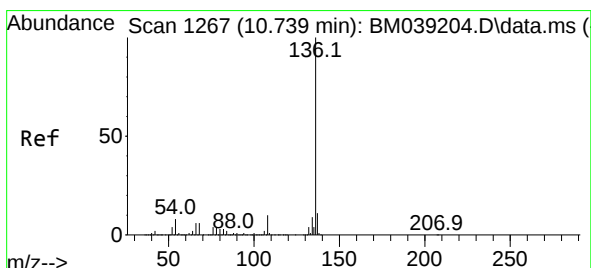
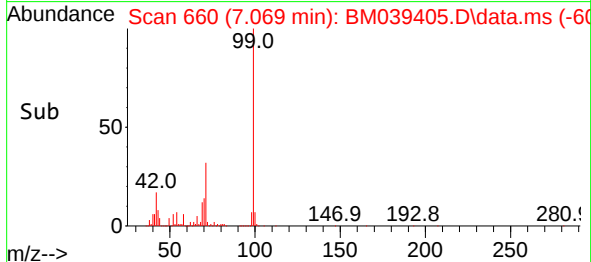
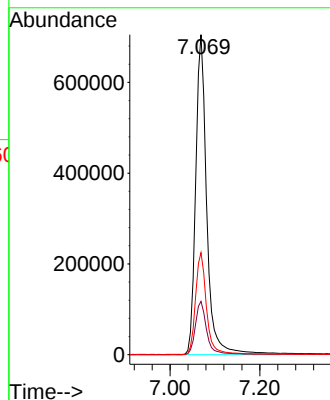
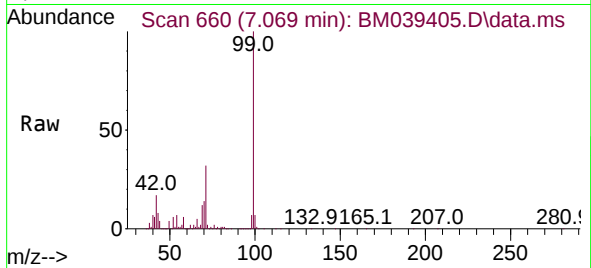




#7
Phenol-d6
Concen: 82.654 ng
RT: 7.069 min Scan# 60
Delta R.T. 0.035 min
Lab File: BM039405.D
Acq: 12 Apr 2023 16:06

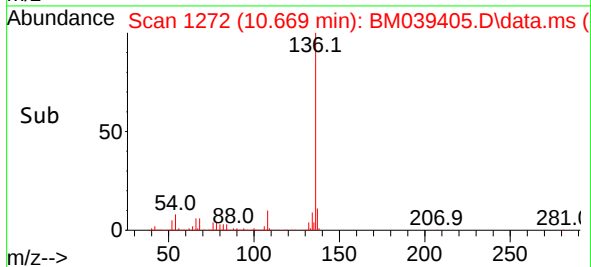
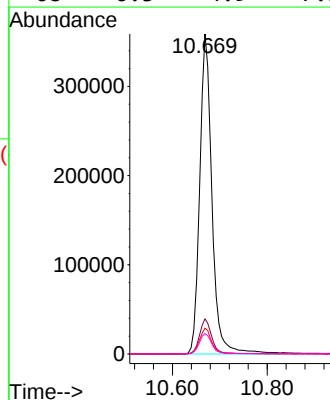
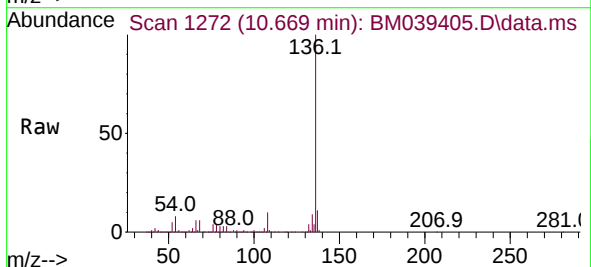
Instrument :
BNA_M
ClientSampleId :
BS-1-2

Tgt Ion: 99 Resp: 1209614
Ion Ratio Lower Upper
99 100
42 16.7 13.0 19.6
71 31.9 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: BM039405.D
Acq: 12 Apr 2023 16:06

Tgt Ion: 136 Resp: 644054
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.1 6.2 9.4
68 6.3 4.9 7.3

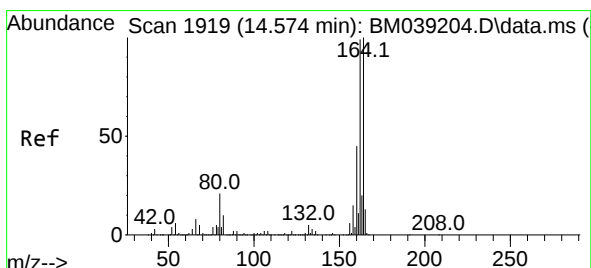
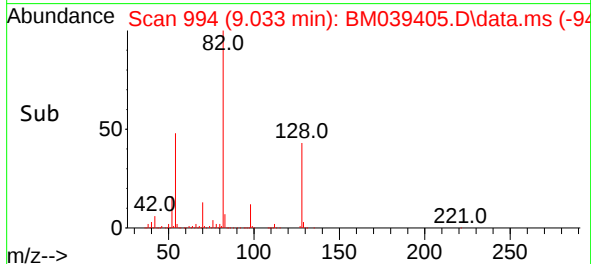
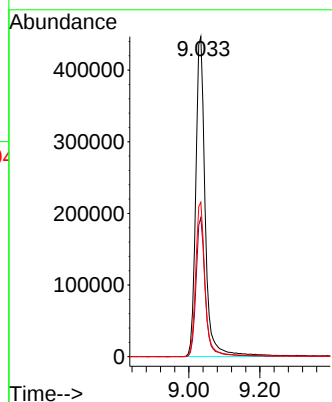
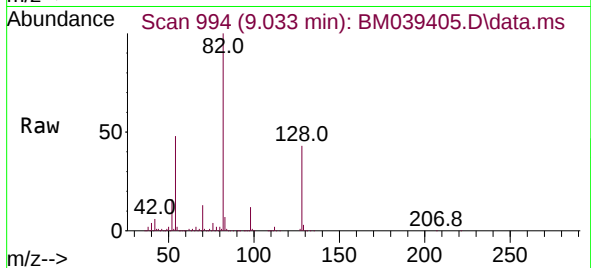




#23
Nitrobenzene-d5
Concen: 62.928 ng
RT: 9.033 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039405.D
Acq: 12 Apr 2023 16:06

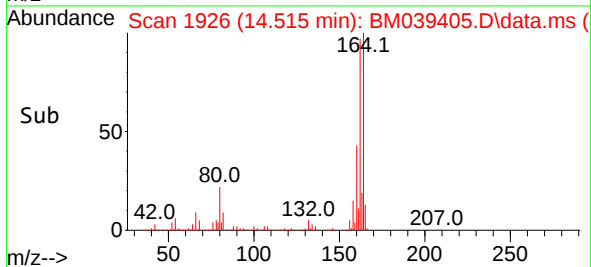
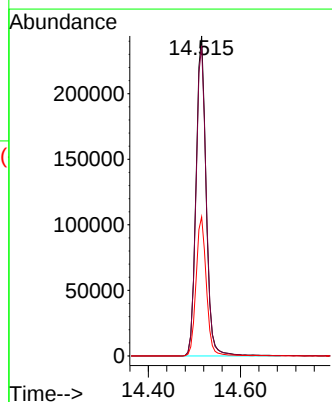
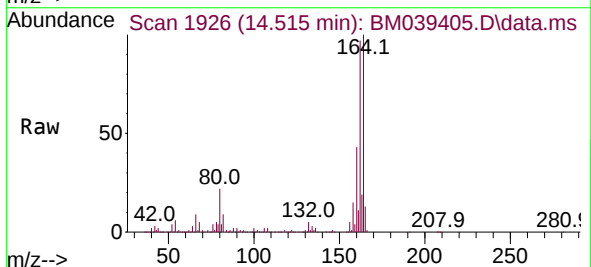
Instrument :
BNA_M
ClientSampleId :
BS-1-2

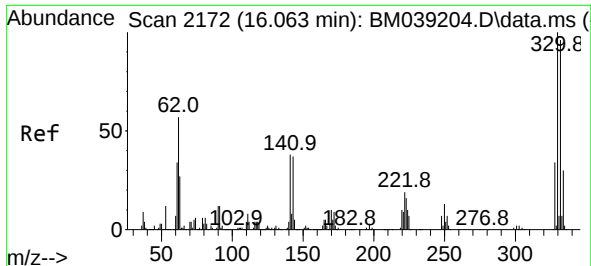
Tgt Ion: 82 Resp: 833883
Ion Ratio Lower Upper
82 100
128 43.4 35.1 52.7
54 48.3 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.515 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BM039405.D
Acq: 12 Apr 2023 16:06

Tgt Ion:164 Resp: 369341
Ion Ratio Lower Upper
164 100
162 96.9 79.1 118.7
160 43.5 35.8 53.8

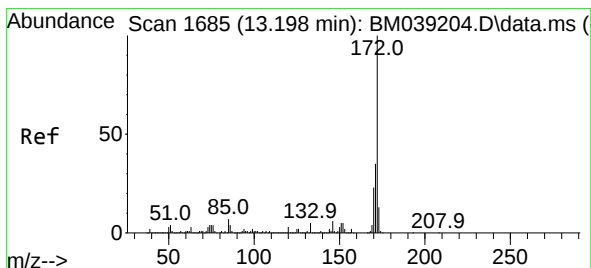
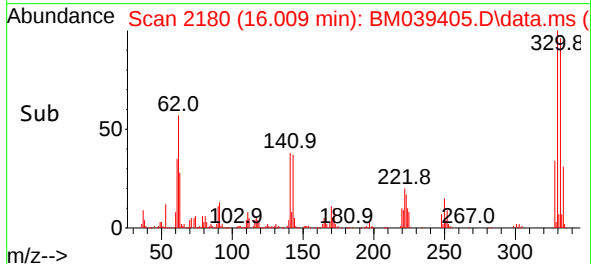
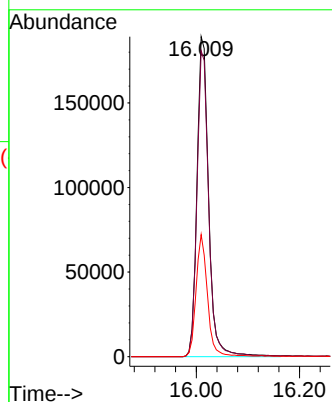
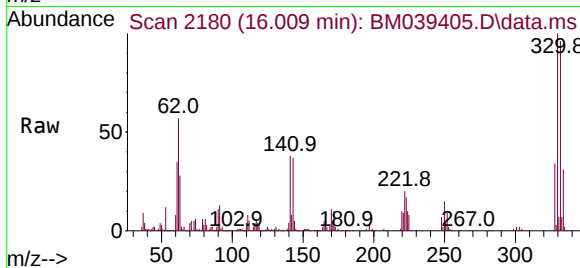




#42
2,4,6-Tribromophenol
Concen: 63.322 ng
RT: 16.009 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039405.D
Acq: 12 Apr 2023 16:06

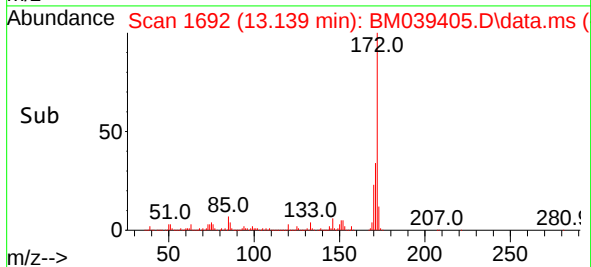
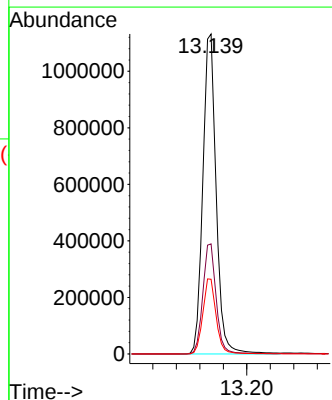
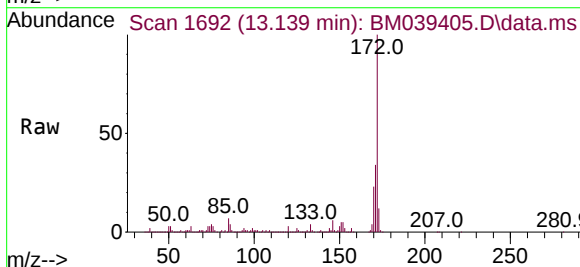
Instrument :
BNA_M
ClientSampleId :
BS-1-2

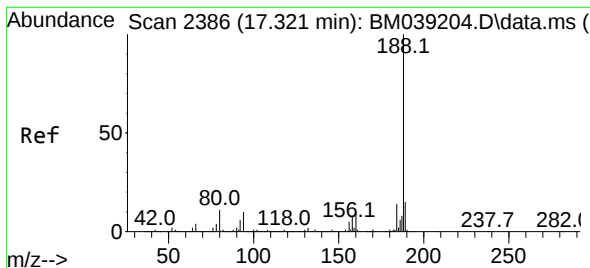
Tgt Ion:330 Resp: 296880
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 37.2 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 65.592 ng
RT: 13.139 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BM039405.D
Acq: 12 Apr 2023 16:06

Tgt Ion:172 Resp: 1788002
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.4 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: BM039405.D

Acq: 12 Apr 2023 16:06

Instrument :

BNA_M

ClientSampleId :

BS-1-2

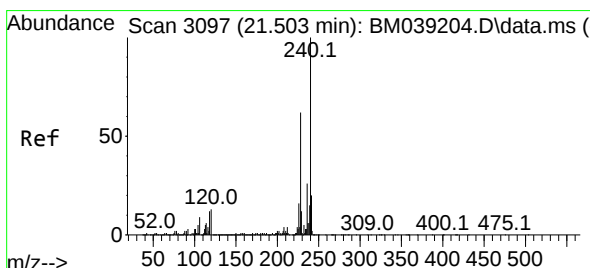
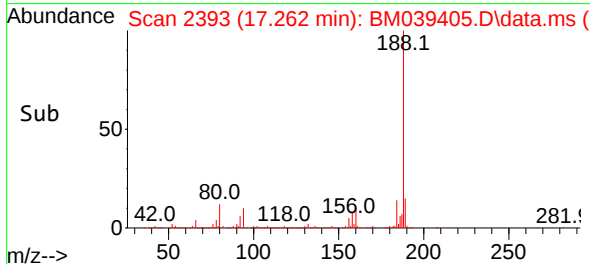
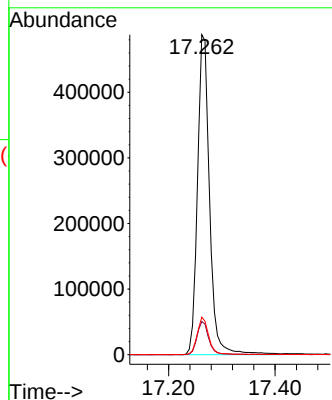
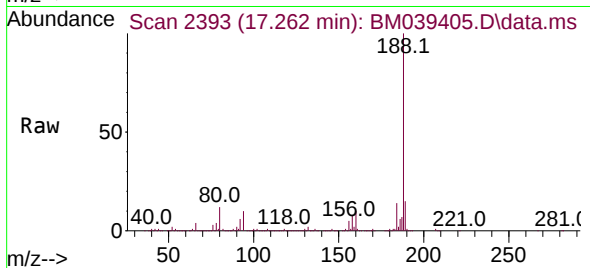
Tgt Ion:188 Resp: 766906

Ion Ratio Lower Upper

188 100

94 10.4 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: BM039405.D

Acq: 12 Apr 2023 16:06

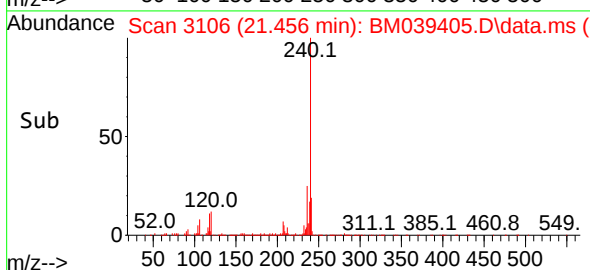
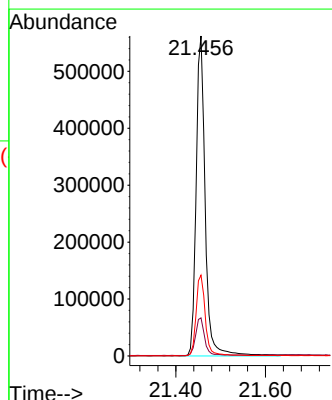
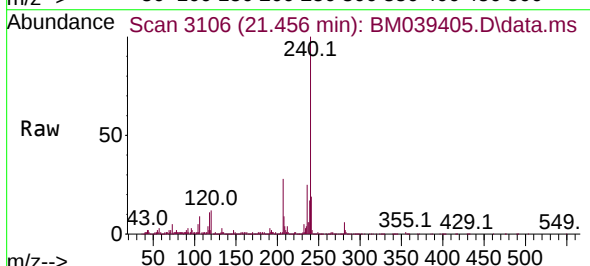
Tgt Ion:240 Resp: 791792

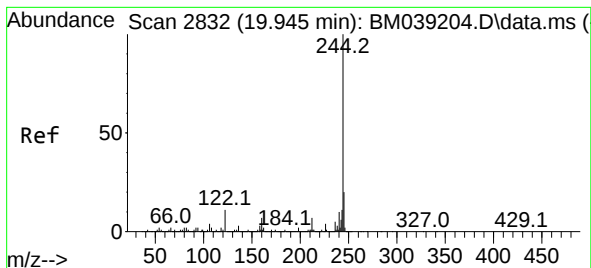
Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.2

236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 66.805 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039405.D

Acq: 12 Apr 2023 16:06

Instrument :

BNA_M

ClientSampleId :

BS-1-2

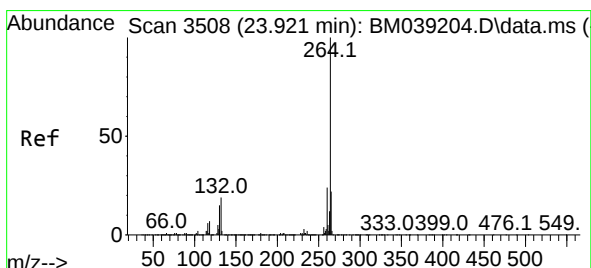
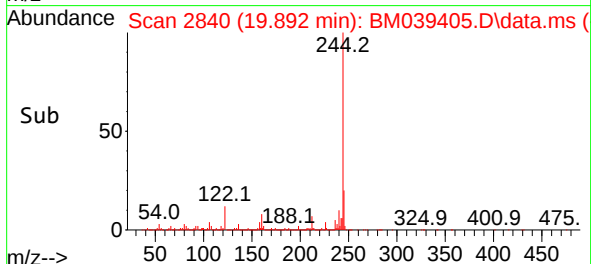
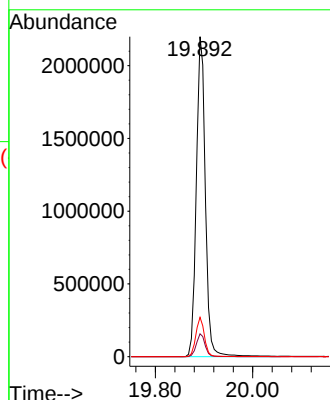
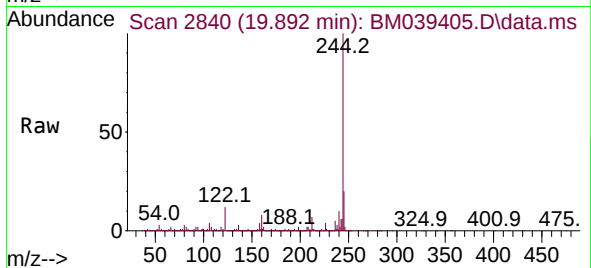
Tgt Ion:244 Resp: 2862990

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 12.3 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: BM039405.D

Acq: 12 Apr 2023 16:06

Tgt Ion:264 Resp: 927821

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.3 18.1 27.1

