

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039072.D
 Acq On : 21 Mar 2023 17:02
 Operator : CG/JU
 Sample : 02020-31
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-4

Quant Time: Mar 22 03:42:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	270295	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1010313	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	523195	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1032183	20.000	ng	0.00
76) Chrysene-d12	21.527	240	967435	20.000	ng	0.00
86) Perylene-d12	23.962	264	1106304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1654216	92.981	ng	0.00
7) Phenol-d6	7.128	99	2049644	88.696	ng	0.00
23) Nitrobenzene-d5	9.134	82	1170651	56.917	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	487300	80.512	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	2090250	52.009	ng	0.00
79) Terphenyl-d14	19.968	244	2775795	52.459	ng	0.00

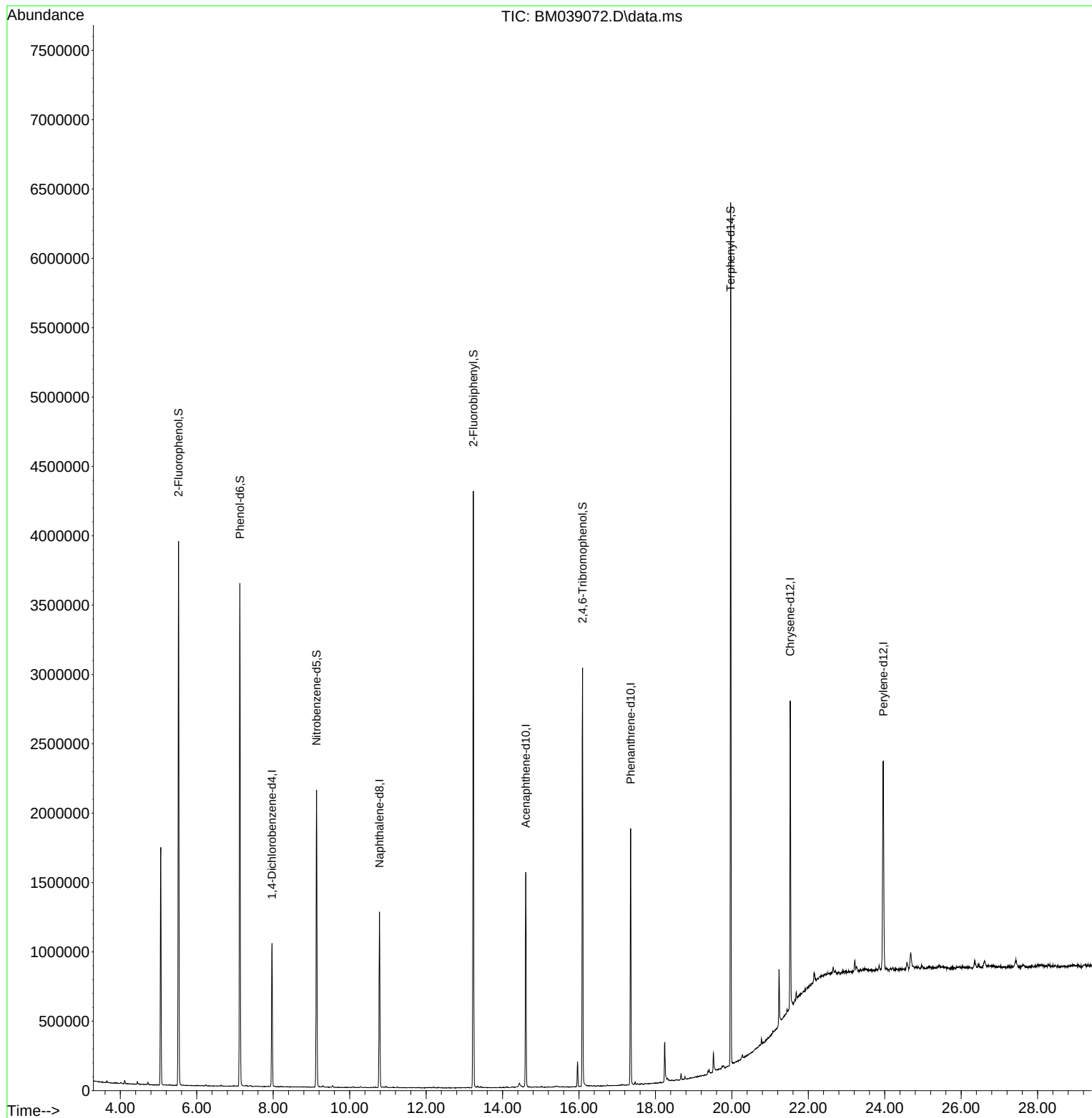
Target Compounds	Qvalue

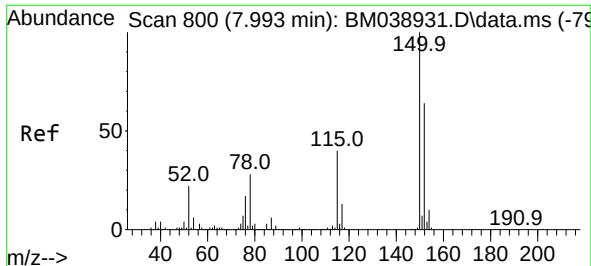
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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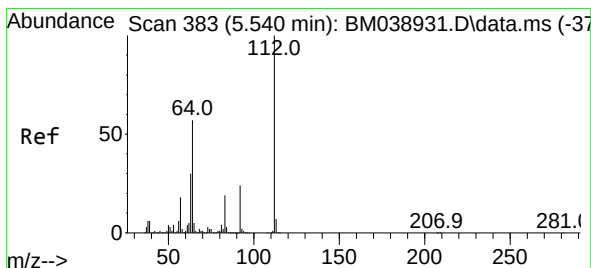
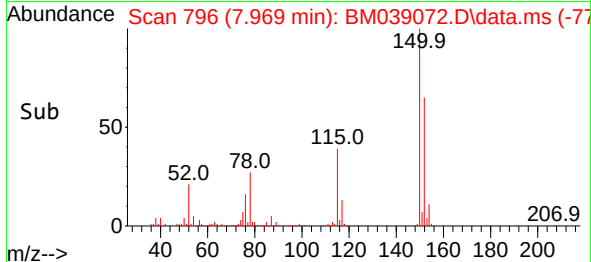
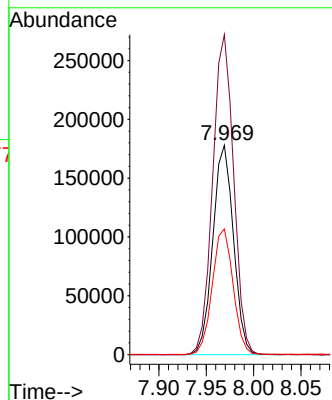
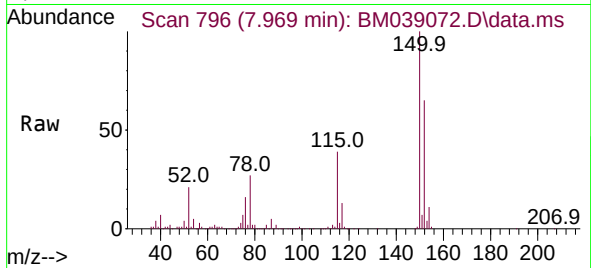




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

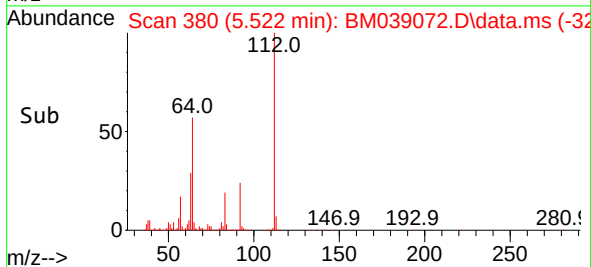
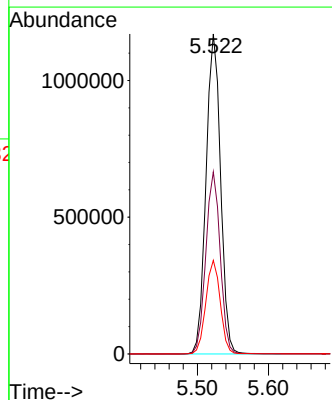
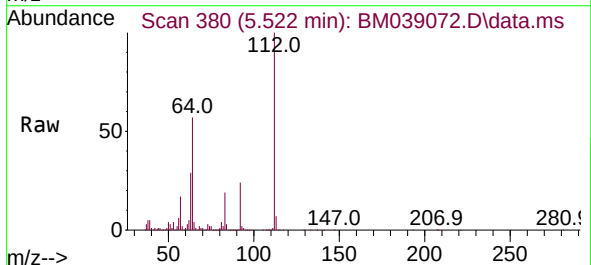
Instrument :
BNA_M
ClientSampleId :
SP-4

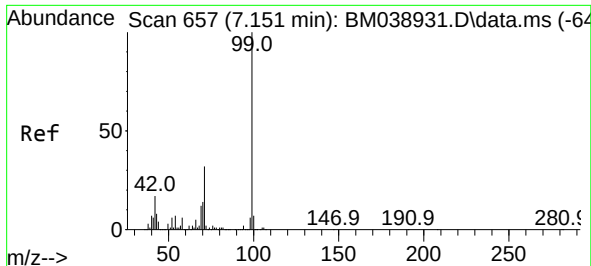
Tgt Ion:152 Resp: 270295
Ion Ratio Lower Upper
152 100
150 152.8 125.1 187.7
115 60.0 49.6 74.4



#5
2-Fluorophenol
Concen: 92.981 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Tgt Ion:112 Resp: 1654216
Ion Ratio Lower Upper
112 100
64 56.9 45.9 68.9
63 29.2 23.8 35.8



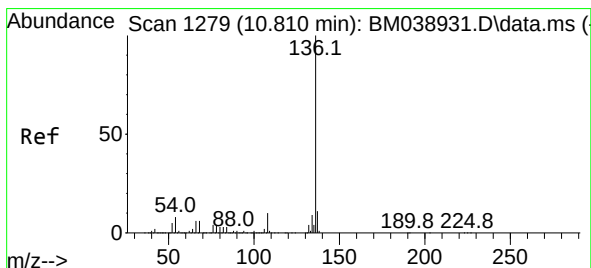
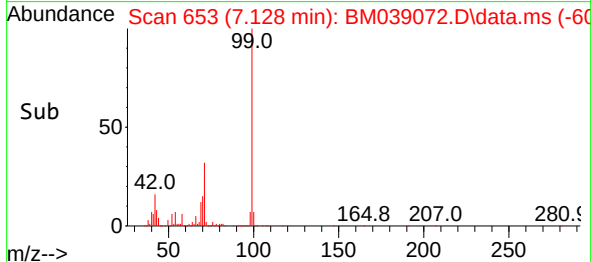
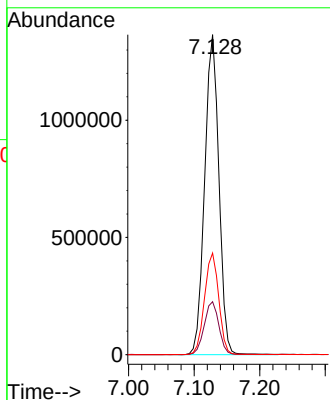
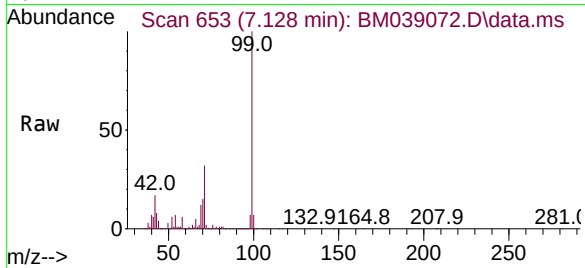


#7
Phenol-d6
Concen: 88.696 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Instrument :
BNA_M
ClientSampleId :
SP-4

Tgt Ion: 99 Resp: 2049644

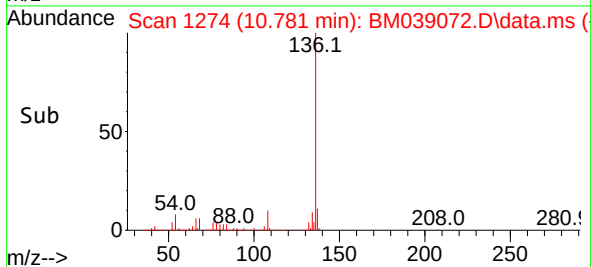
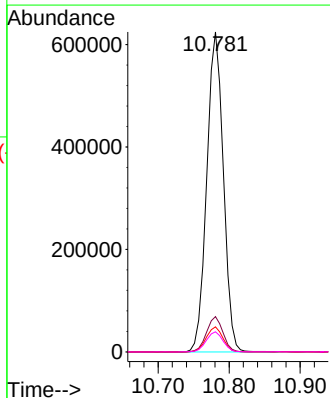
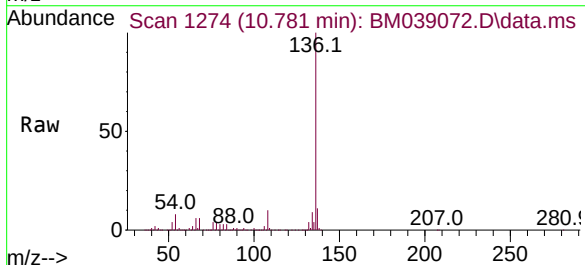
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	31.7	25.6	38.4

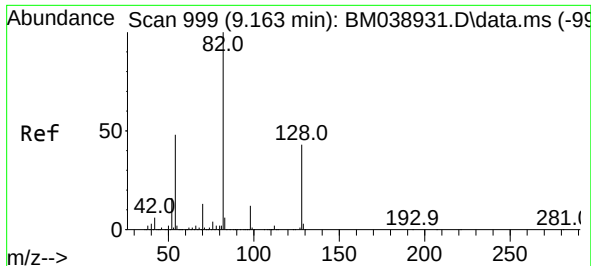


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Tgt Ion: 136 Resp: 1010313

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	6.3	9.5
68	6.3	5.0	7.6

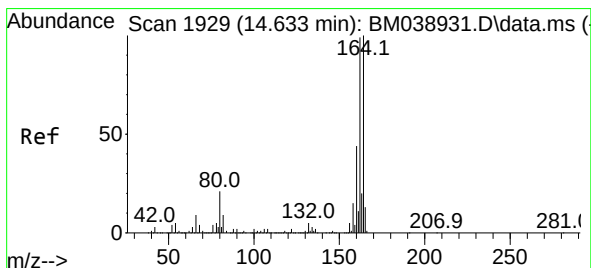
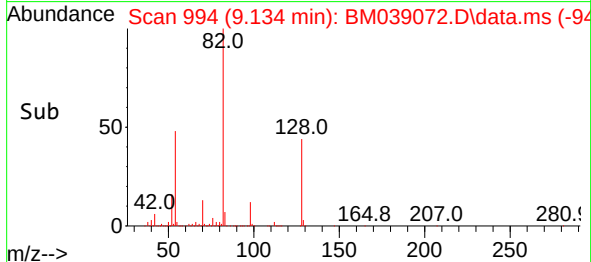
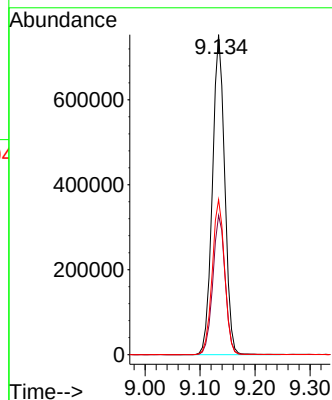
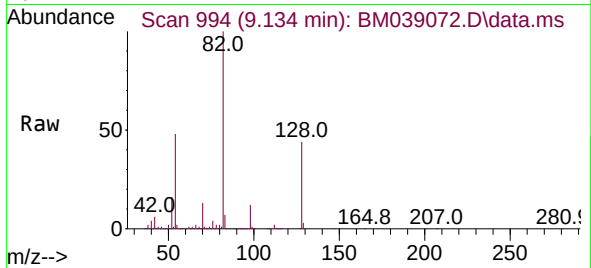




#23
Nitrobenzene-d5
Concen: 56.917 ng
RT: 9.134 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

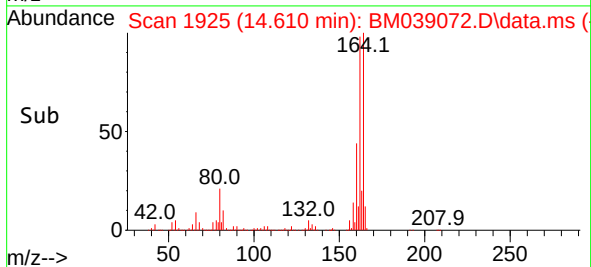
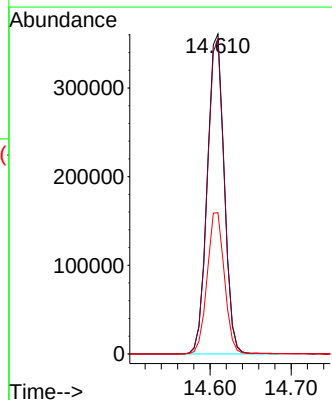
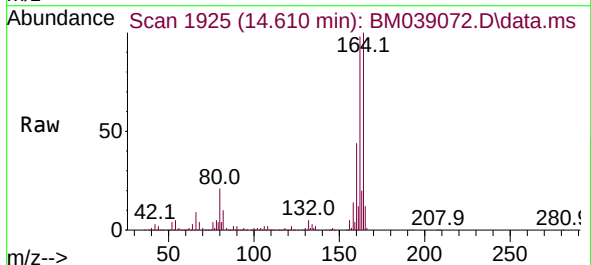
Instrument :
BNA_M
ClientSampleId :
SP-4

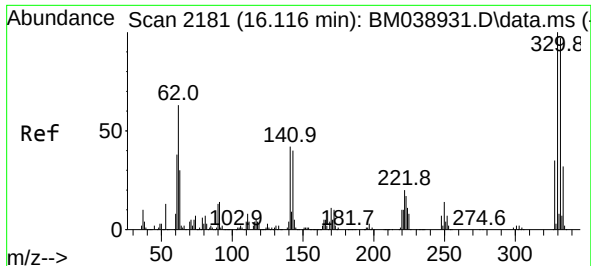
Tgt Ion: 82 Resp: 1170651
Ion Ratio Lower Upper
82 100
128 43.5 34.4 51.6
54 48.5 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Tgt Ion: 164 Resp: 523195
Ion Ratio Lower Upper
164 100
162 98.4 79.2 118.8
160 44.1 35.5 53.3

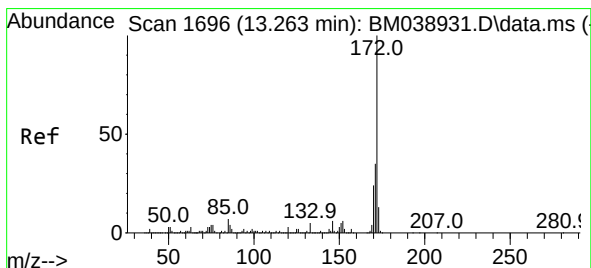
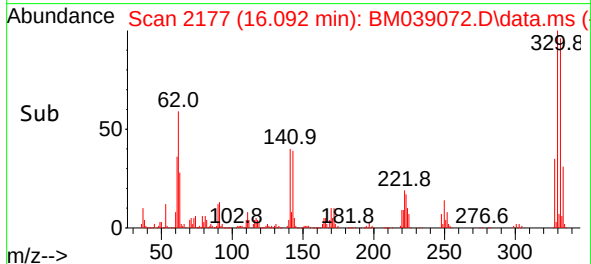
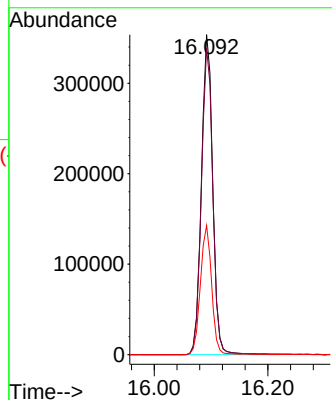
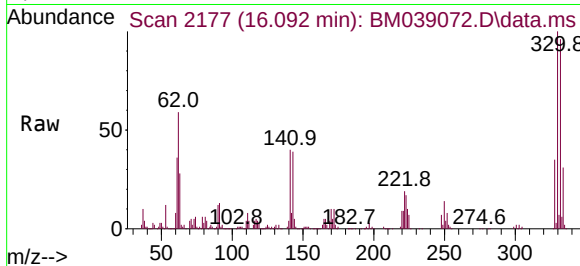




#42
2,4,6-Tribromophenol
Concen: 80.512 ng
RT: 16.092 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

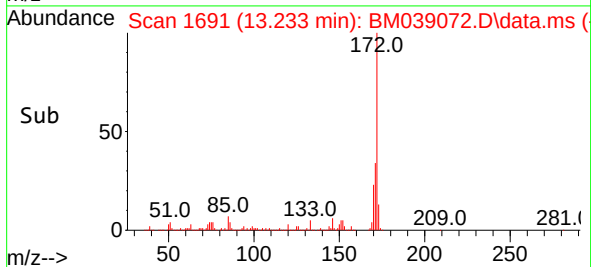
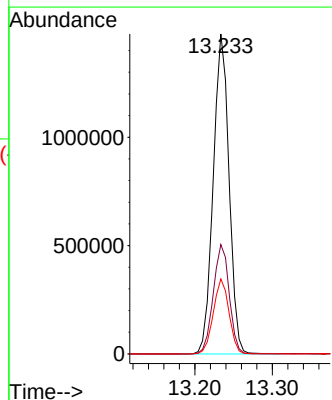
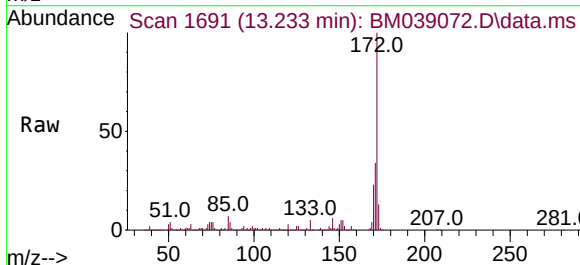
Instrument :
BNA_M
ClientSampleId :
SP-4

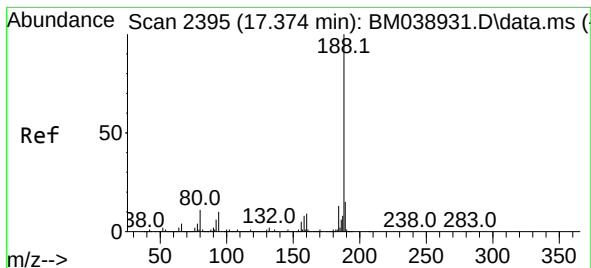
Tgt Ion:330 Resp: 487300
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 40.4 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 52.009 ng
RT: 13.233 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Tgt Ion:172 Resp: 2090250
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2391

Delta R.T. 0.000 min

Lab File: BM039072.D

Acq: 21 Mar 2023 17:02

Instrument :

BNA_M

ClientSampleId :

SP-4

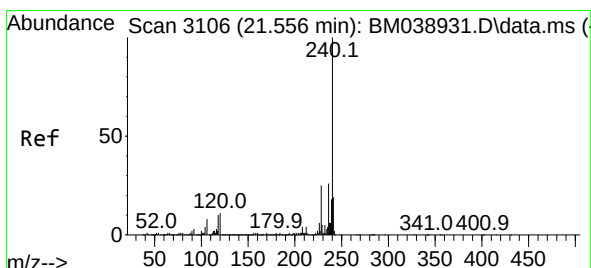
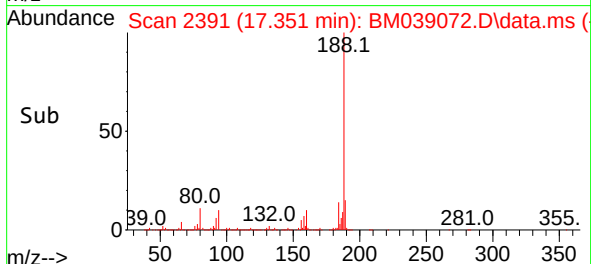
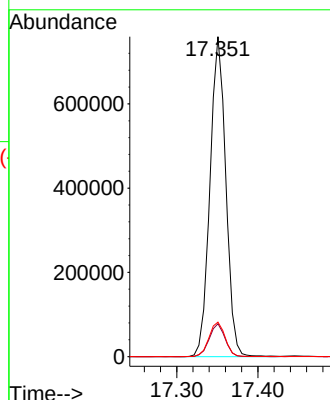
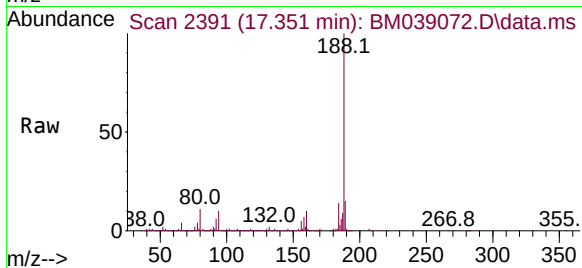
Tgt Ion:188 Resp: 1032183

Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 10.8 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM039072.D

Acq: 21 Mar 2023 17:02

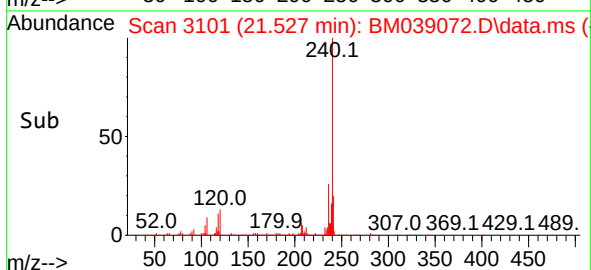
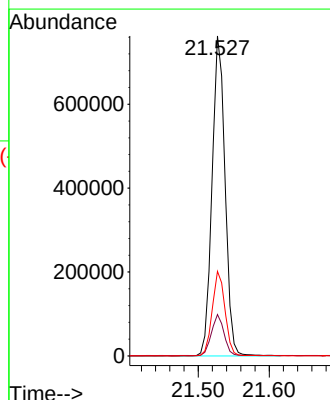
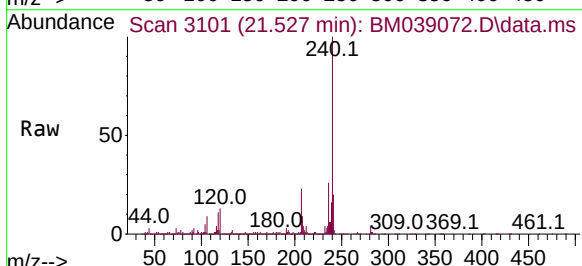
Tgt Ion:240 Resp: 967435

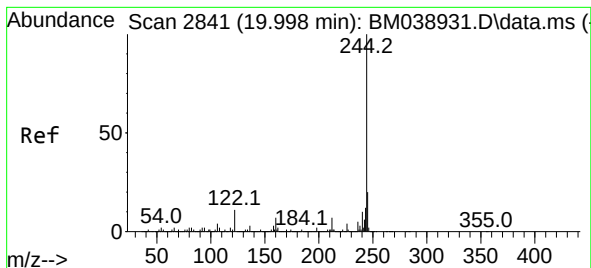
Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

236 26.4 20.8 31.2





#79

Terphenyl-d14

Concen: 52.459 ng

RT: 19.968 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039072.D

Acq: 21 Mar 2023 17:02

Instrument :

BNA_M

ClientSampleId :

SP-4

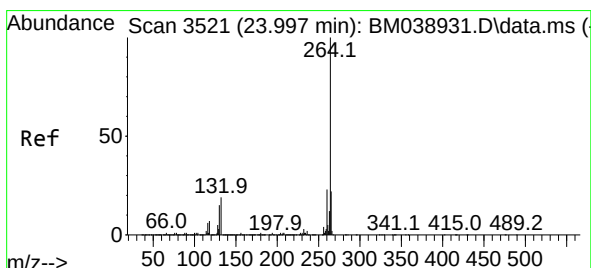
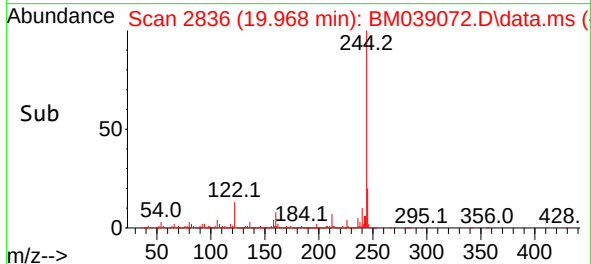
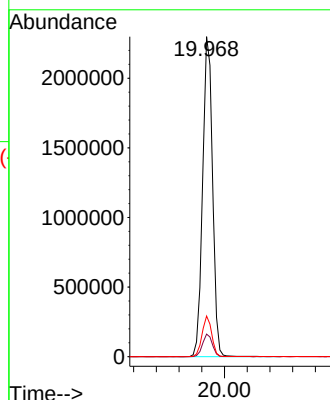
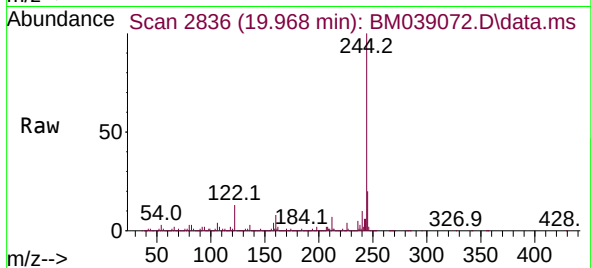
Tgt Ion:244 Resp: 2775795

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.962 min Scan# 3515

Delta R.T. 0.000 min

Lab File: BM039072.D

Acq: 21 Mar 2023 17:02

Tgt Ion:264 Resp: 1106304

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.6 17.9 26.9

