

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039094.D
 Acq On : 22 Mar 2023 16:11
 Operator : CG/JU
 Sample : PB151465TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151465TB

Quant Time: Mar 23 04:23:30 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	363946	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1423477	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	825545	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1573269	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1114271	20.000	ng	0.00
86) Perylene-d12	23.962	264	1157328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	3438109	143.524	ng	0.00
7) Phenol-d6	7.134	99	4321264	138.880	ng	0.00
23) Nitrobenzene-d5	9.134	82	2532676	87.397	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1242844	130.137	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	5312126	83.767	ng	0.00
79) Terphenyl-d14	19.974	244	5962910	97.841	ng	0.00

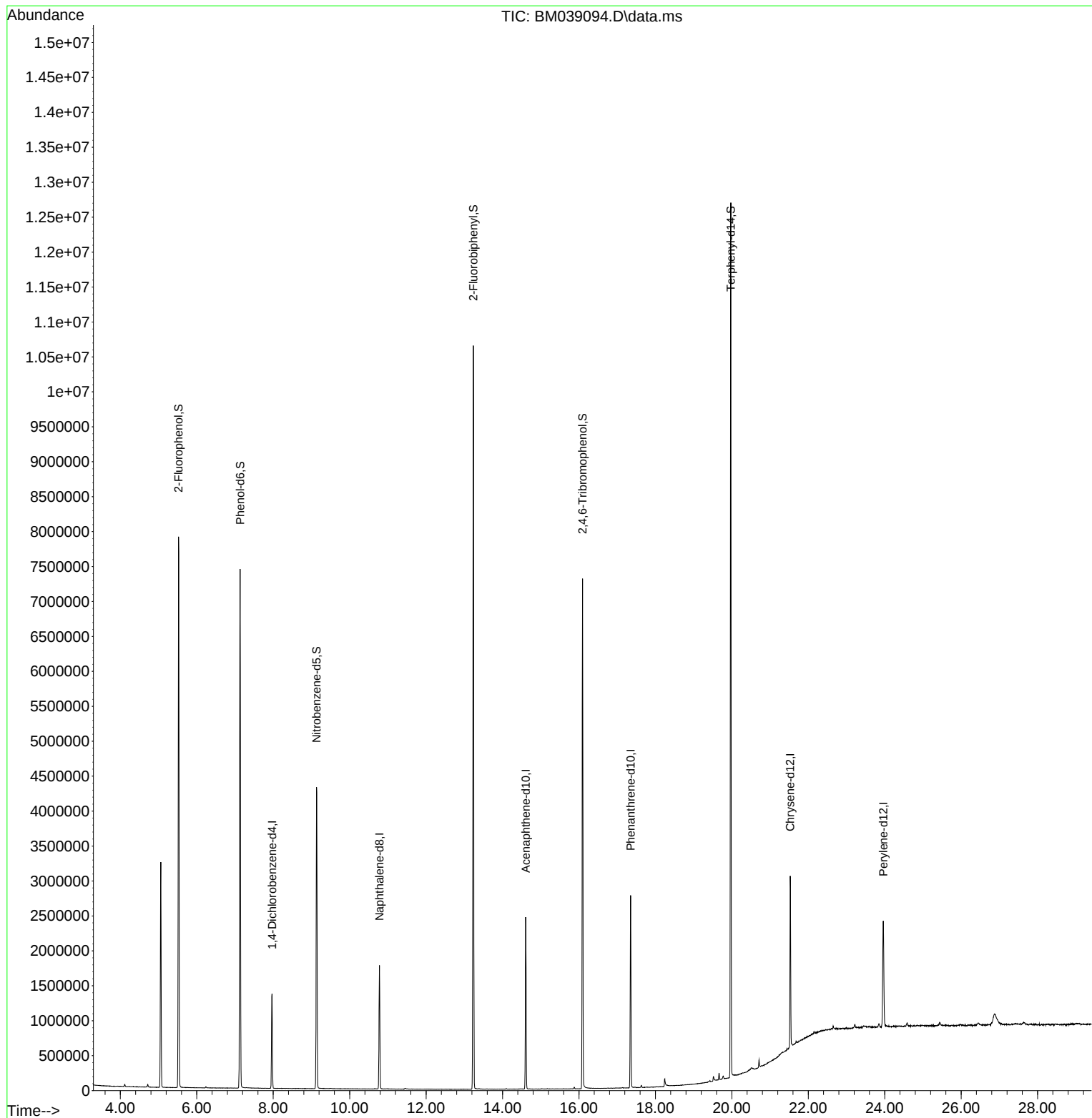
Target Compounds	Qvalue

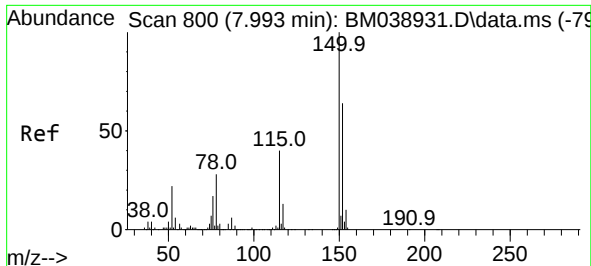
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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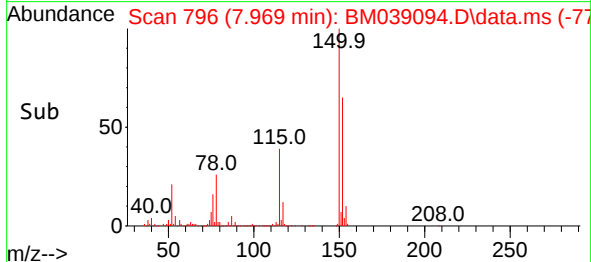
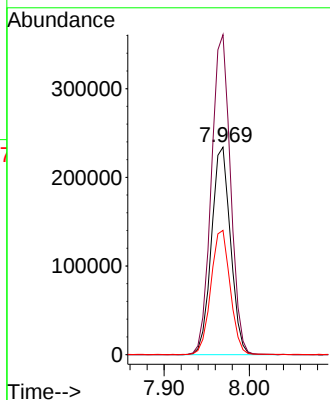
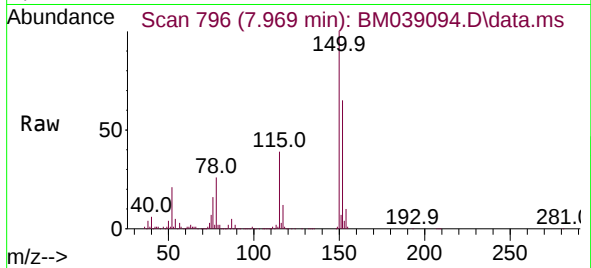




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BM039094.D
 Acq: 22 Mar 2023 16:11

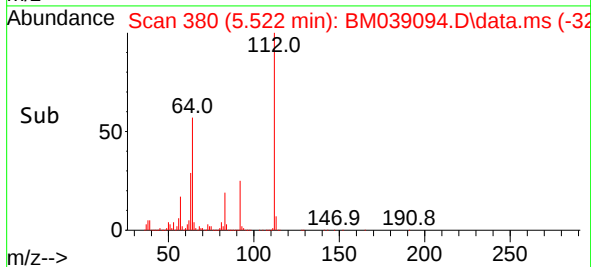
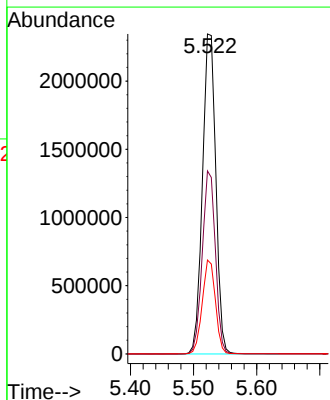
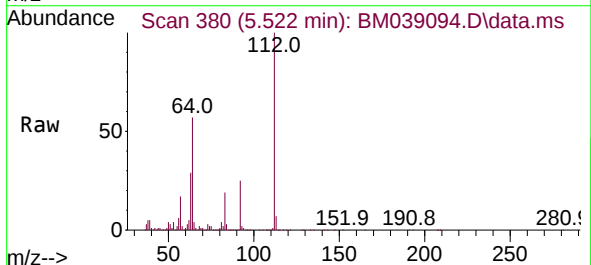
Instrument :
 BNA_M
 ClientSampleId :
 PB151465TB

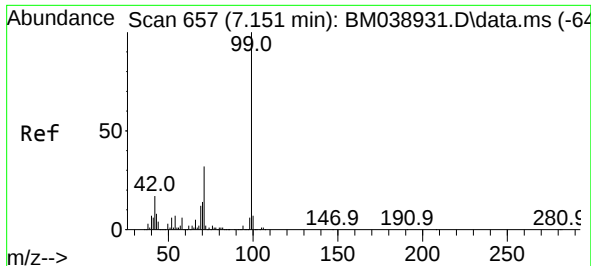
Tgt Ion:152 Resp: 363946
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.1 187.7
 115 59.9 49.6 74.4



#5
 2-Fluorophenol
 Concen: 143.524 ng
 RT: 5.522 min Scan# 380
 Delta R.T. 0.000 min
 Lab File: BM039094.D
 Acq: 22 Mar 2023 16:11

Tgt Ion:112 Resp: 3438109
 Ion Ratio Lower Upper
 112 100
 64 57.2 45.9 68.9
 63 29.4 23.8 35.8



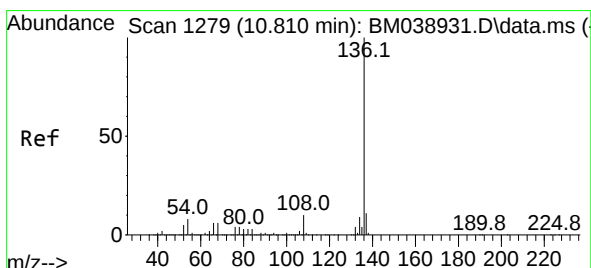
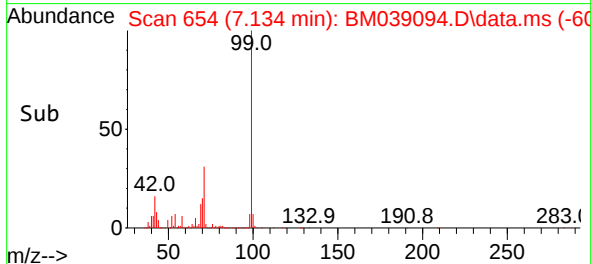
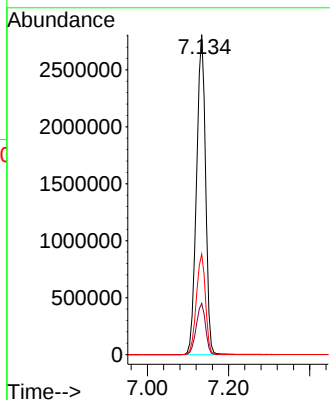
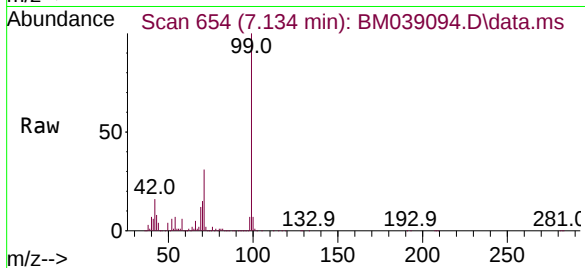


#7
Phenol-d6
Concen: 138.880 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039094.D
Acq: 22 Mar 2023 16:11

Instrument :
BNA_M
ClientSampleId :
PB151465TB

Tgt Ion: 99 Resp: 4321264

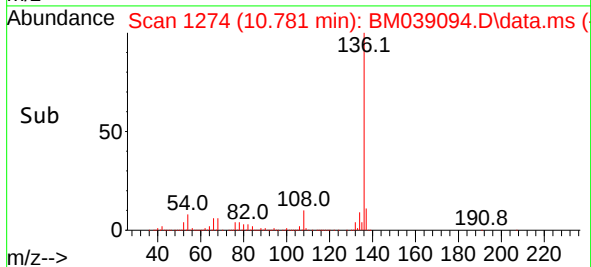
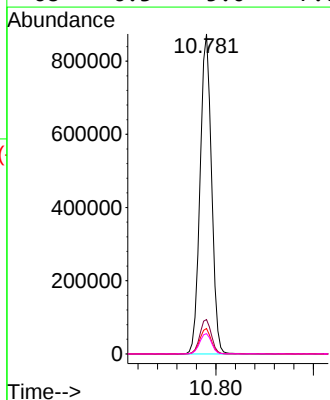
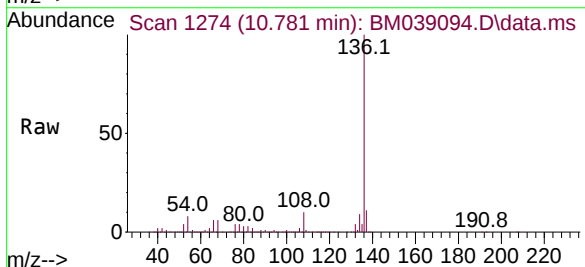
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	31.4	25.6	38.4

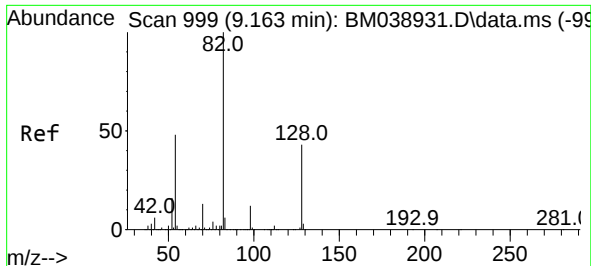


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039094.D
Acq: 22 Mar 2023 16:11

Tgt Ion: 136 Resp: 1423477

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.9	6.3	9.5
68	6.3	5.0	7.6

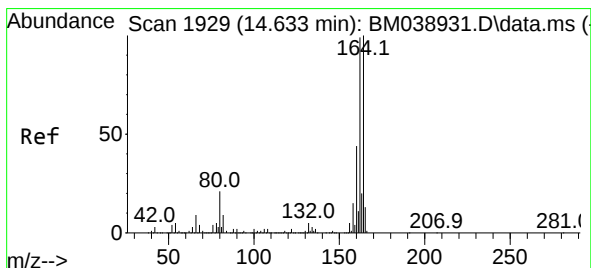
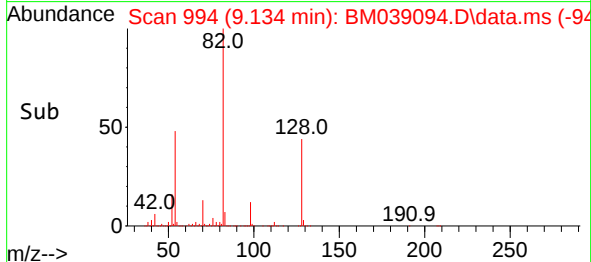
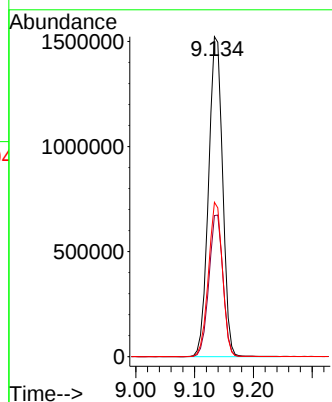
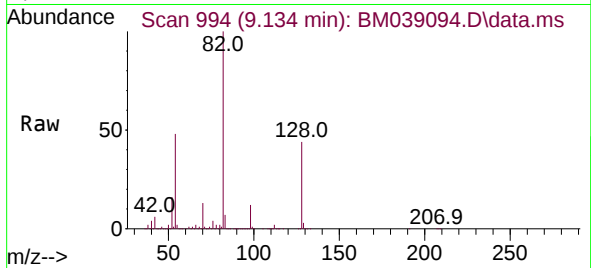




#23
Nitrobenzene-d5
Concen: 87.397 ng
RT: 9.134 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039094.D
Acq: 22 Mar 2023 16:11

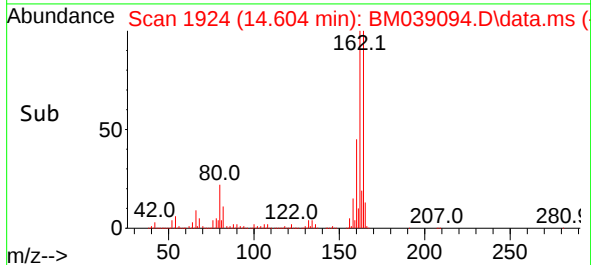
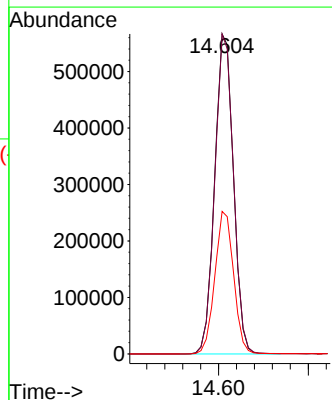
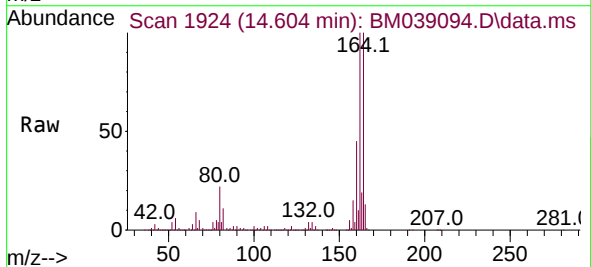
Instrument :
BNA_M
ClientSampleId :
PB151465TB

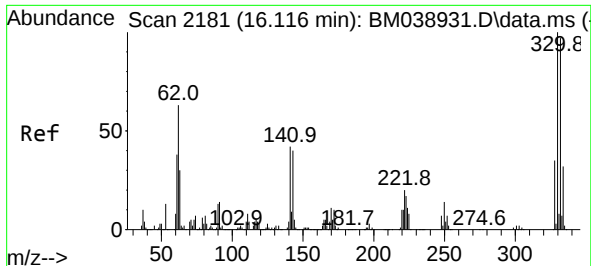
Tgt Ion: 82 Resp: 2532676
Ion Ratio Lower Upper
82 100
128 44.1 34.4 51.6
54 48.2 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039094.D
Acq: 22 Mar 2023 16:11

Tgt Ion: 164 Resp: 825545
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 44.5 35.5 53.3

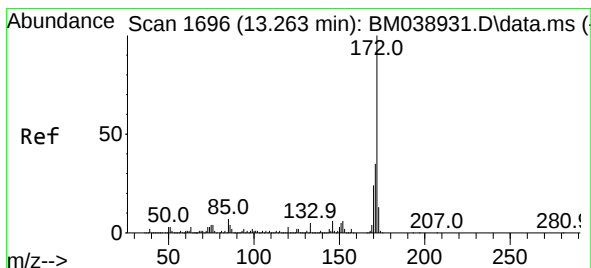
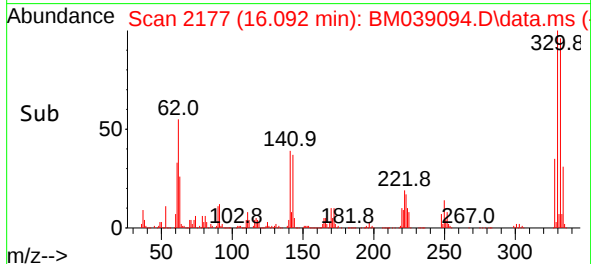
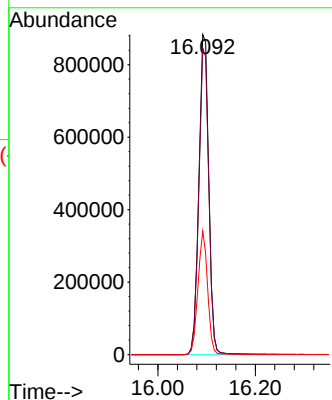
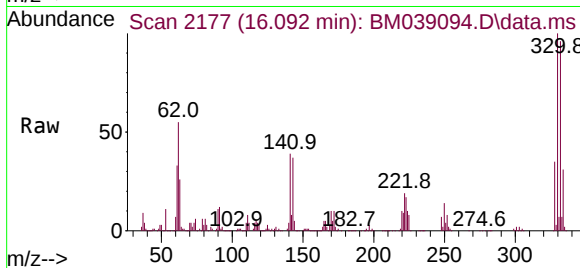




#42
2,4,6-Tribromophenol
Concen: 130.137 ng
RT: 16.092 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039094.D
Acq: 22 Mar 2023 16:11

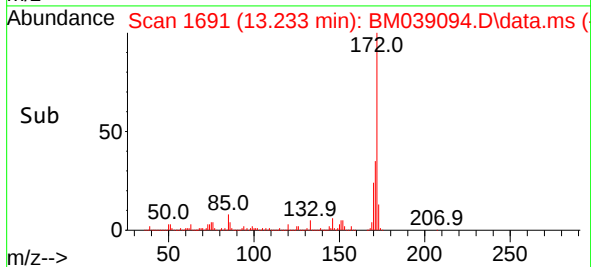
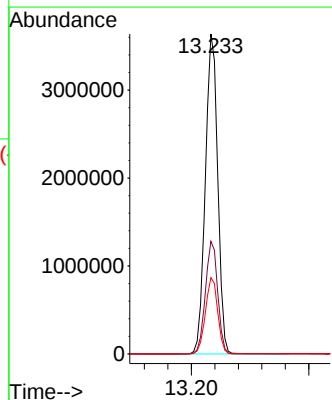
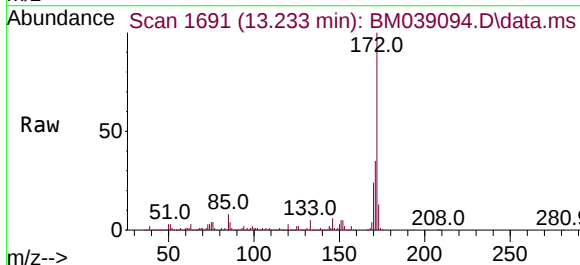
Instrument :
BNA_M
ClientSampleId :
PB151465TB

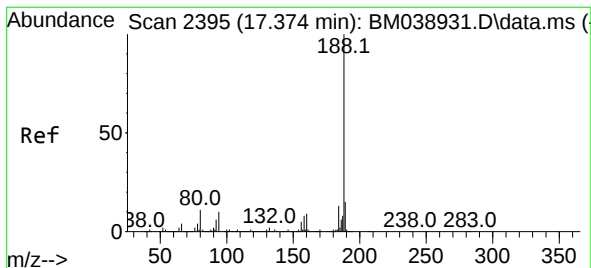
Tgt Ion:330 Resp: 1242844
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 37.6 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 83.767 ng
RT: 13.233 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM039094.D
Acq: 22 Mar 2023 16:11

Tgt Ion:172 Resp: 5312126
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.8 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: BM039094.D

Acq: 22 Mar 2023 16:11

Instrument :

BNA_M

ClientSampleId :

PB151465TB

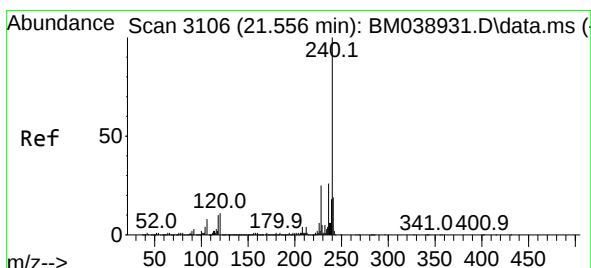
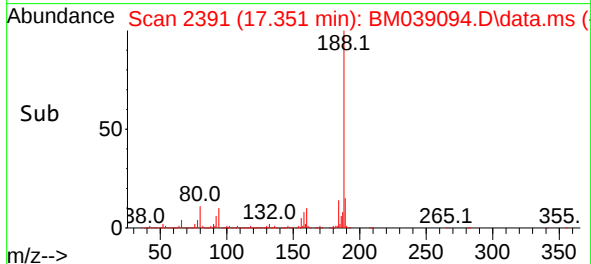
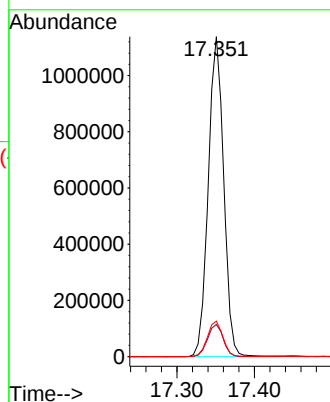
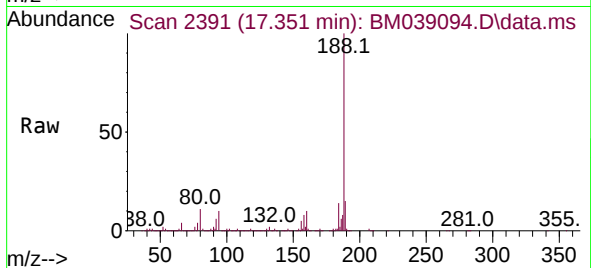
Tgt Ion:188 Resp: 1573269

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 11.1 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: BM039094.D

Acq: 22 Mar 2023 16:11

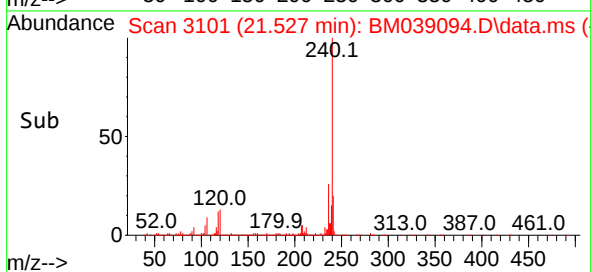
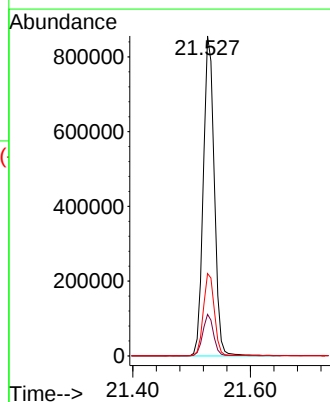
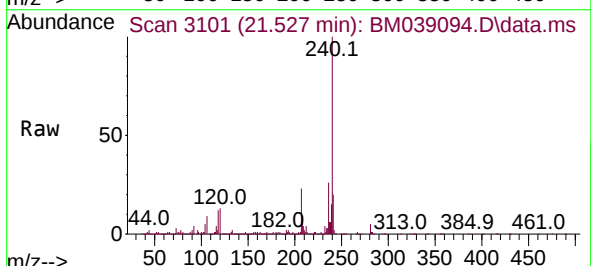
Tgt Ion:240 Resp: 1114271

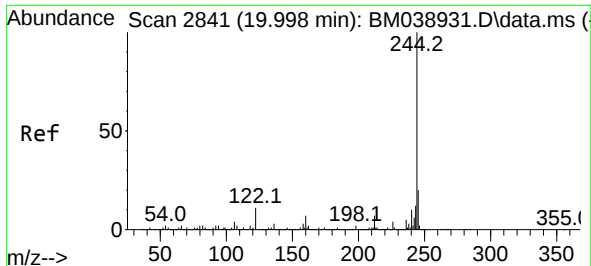
Ion Ratio Lower Upper

240 100

120 13.0 9.2 13.8

236 25.7 20.8 31.2

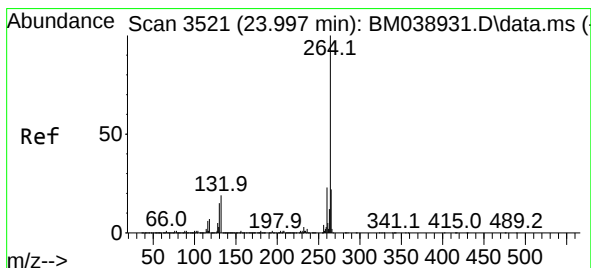
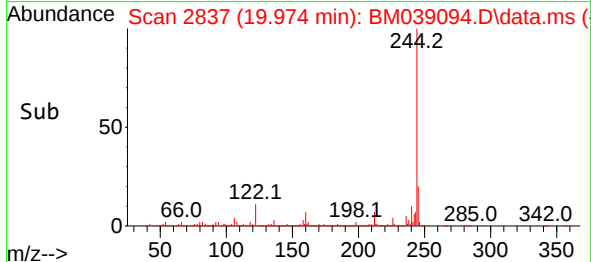
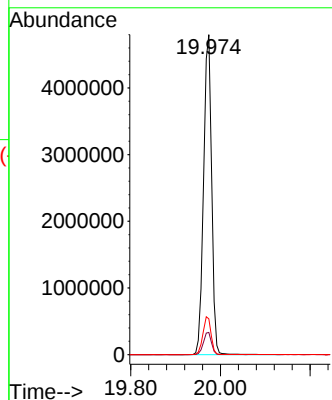
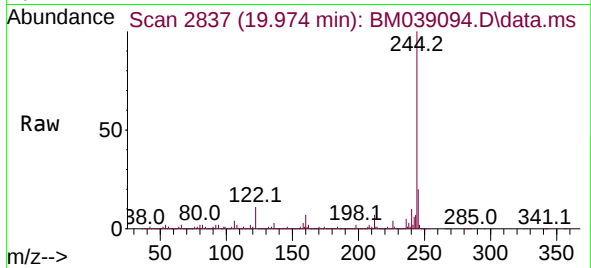




#79
 Terphenyl-d14
 Concen: 97.841 ng
 RT: 19.974 min Scan# 2841
 Delta R.T. 0.006 min
 Lab File: BM039094.D
 Acq: 22 Mar 2023 16:11

Instrument :
 BNA_M
 ClientSampleId :
 PB151465TB

Tgt Ion:244 Resp: 5962910
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.2 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: BM039094.D
 Acq: 22 Mar 2023 16:11

Tgt Ion:264 Resp: 1157328
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.4 17.9 26.9

