

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
 Data File : BM040226.D
 Acq On : 13 Jun 2023 15:40
 Operator : MA/JU
 Sample : PB153230BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153230BL

Quant Time: Jun 13 22:54:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 22:36:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	439111	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1802038	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	1086713	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2362109	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1779302	20.000	ng	0.00
86) Perylene-d12	23.974	264	1737565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	4042188	142.726	ng	0.00
7) Phenol-d6	7.140	99	5106879	132.260	ng	0.00
23) Nitrobenzene-d5	9.145	82	2898363	84.220	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1944225	128.249	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	6689853	84.499	ng	0.00
79) Terphenyl-d14	19.980	244	10504293	114.712	ng	0.00

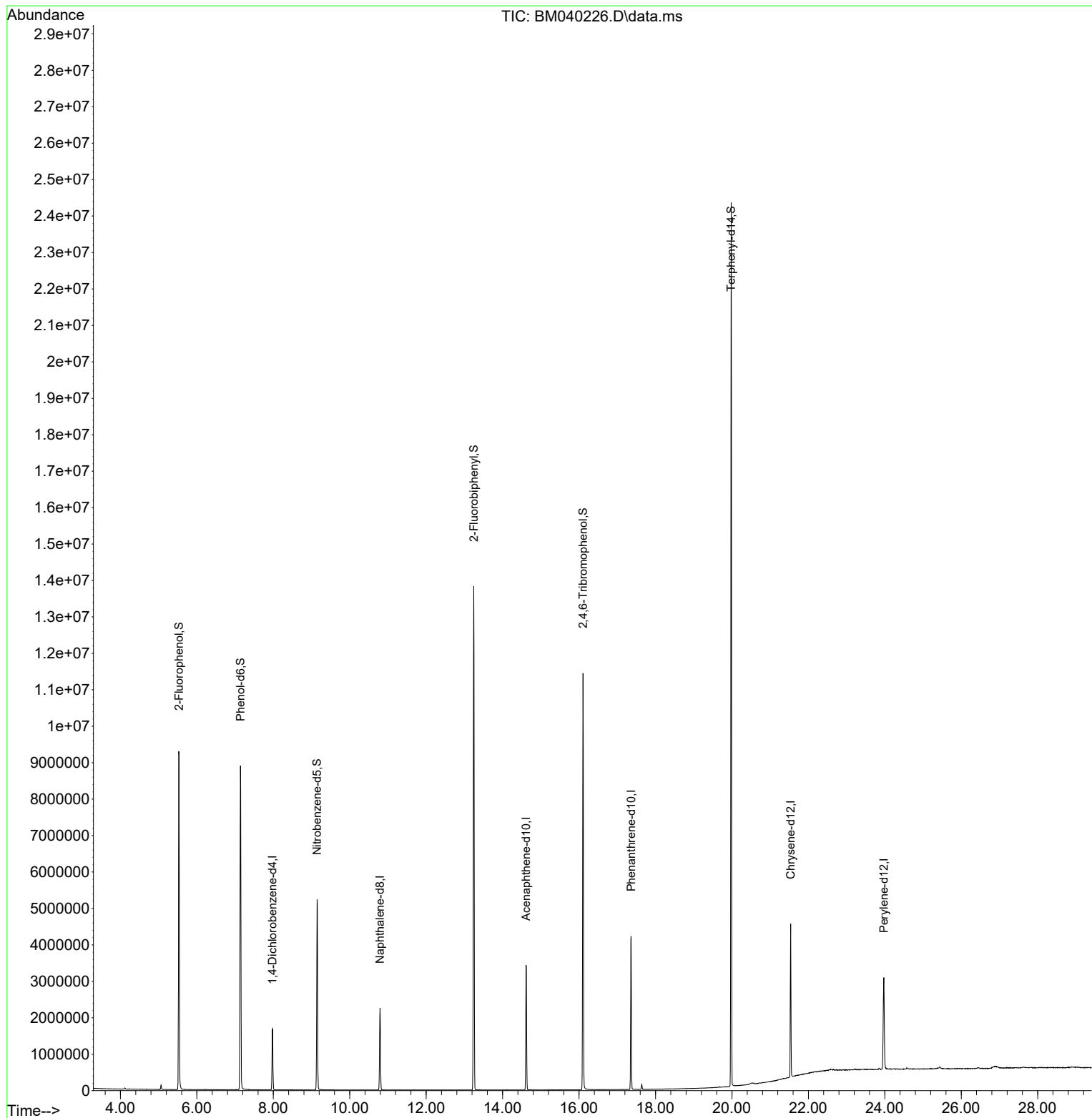
Target Compounds	Qvalue

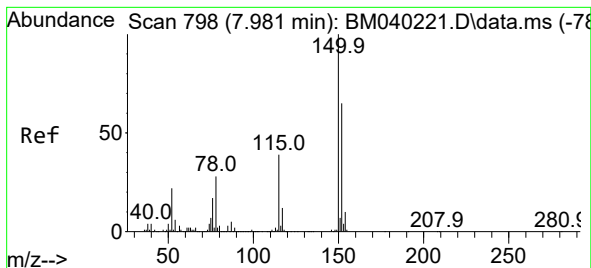
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.981 min Scan# 798

Delta R.T. -0.000 min

Lab File: BM040226.D

Acq: 13 Jun 2023 15:40

Instrument :

BNA_M

ClientSampleId :

PB153230BL

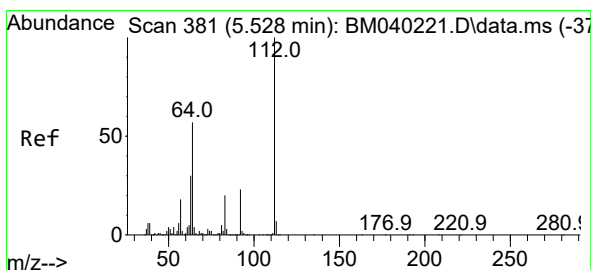
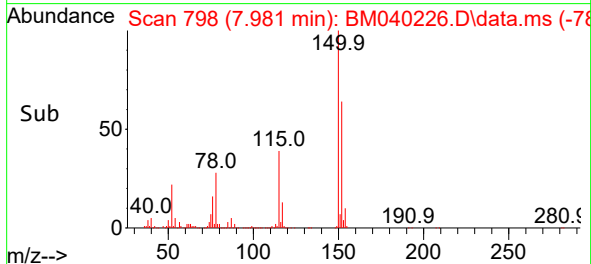
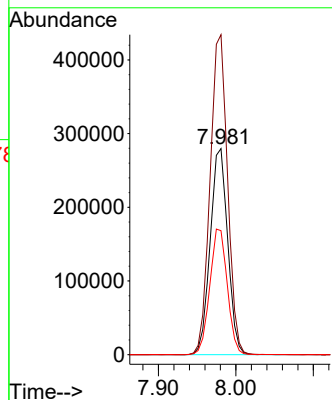
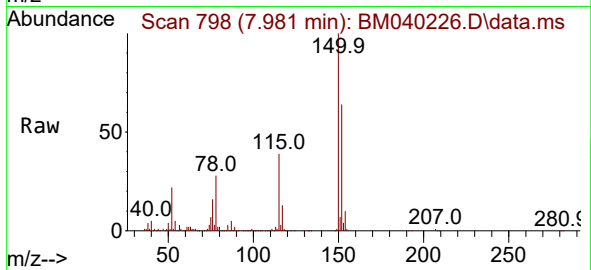
Tgt Ion:152 Resp: 439111

Ion Ratio Lower Upper

152 100

150 155.3 122.5 183.7

115 60.2 47.9 71.9



#5

2-Fluorophenol

Concen: 142.726 ng

RT: 5.534 min Scan# 382

Delta R.T. 0.006 min

Lab File: BM040226.D

Acq: 13 Jun 2023 15:40

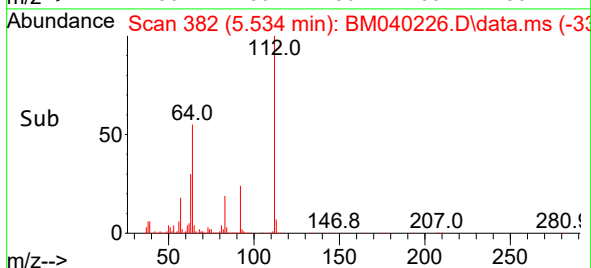
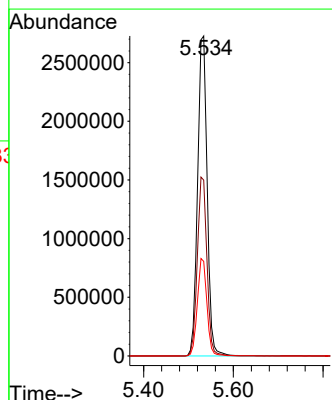
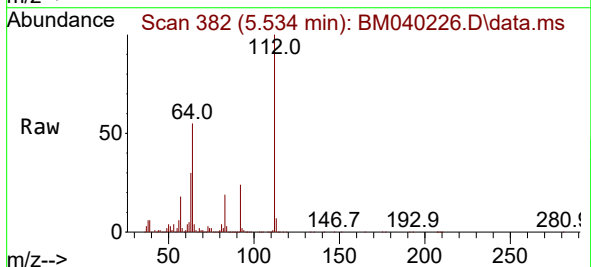
Tgt Ion:112 Resp: 4042188

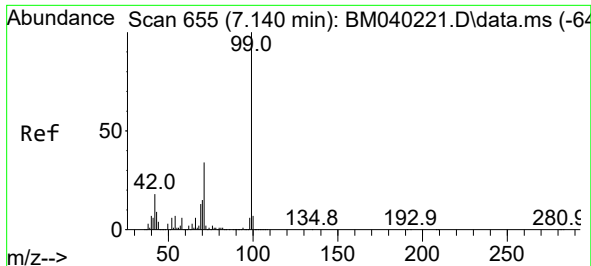
Ion Ratio Lower Upper

112 100

64 54.9 45.2 67.8

63 29.6 24.2 36.4

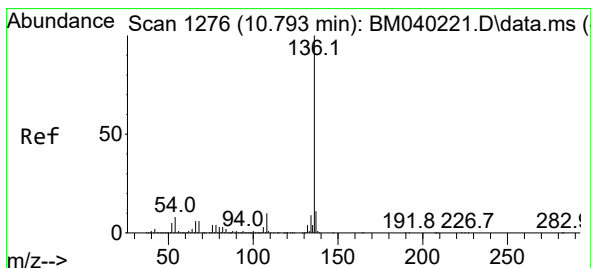
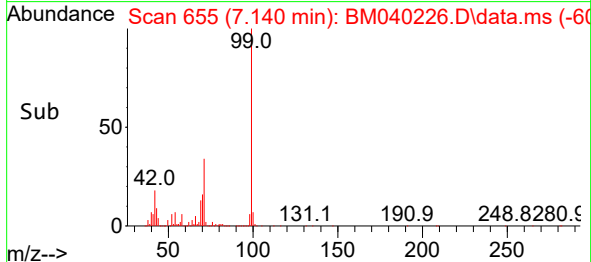
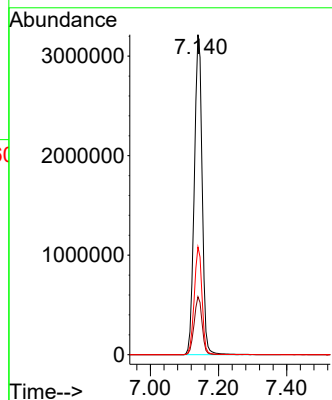
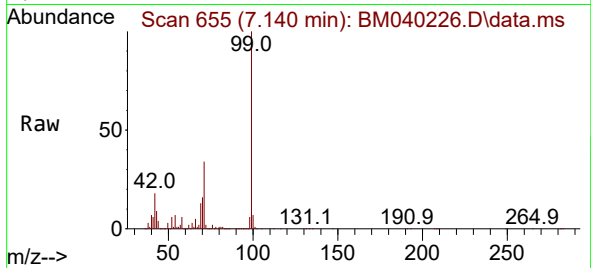




#7
Phenol-d6
Concen: 132.260 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040226.D
Acq: 13 Jun 2023 15:40

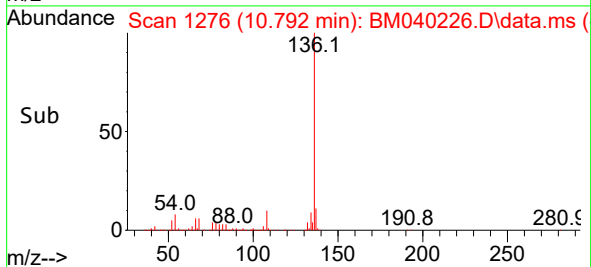
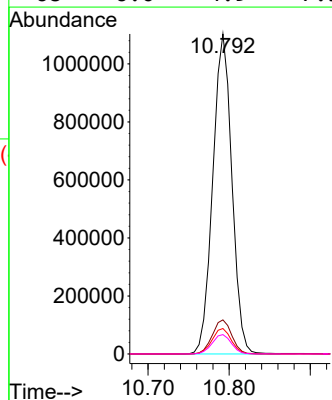
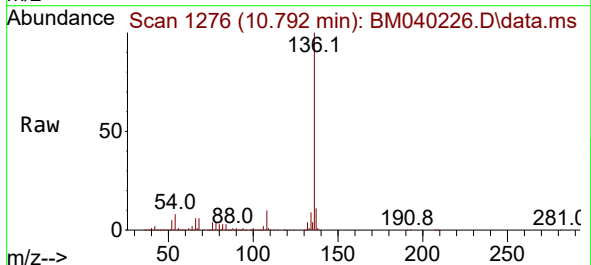
Instrument :
BNA_M
ClientSampleId :
PB153230BL

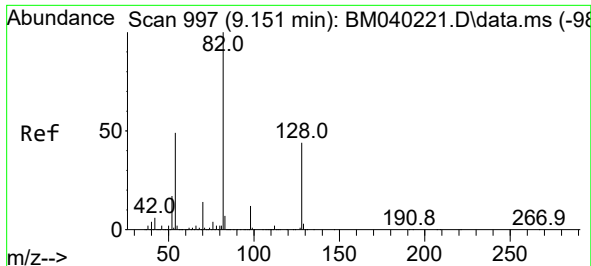
Tgt Ion: 99 Resp: 5106879
Ion Ratio Lower Upper
99 100
42 18.1 14.5 21.7
71 33.7 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BM040226.D
Acq: 13 Jun 2023 15:40

Tgt Ion: 136 Resp: 1802038
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 7.9 6.2 9.4
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 84.220 ng

RT: 9.145 min Scan# 996

Delta R.T. -0.006 min

Lab File: BM040226.D

Acq: 13 Jun 2023 15:40

Instrument :

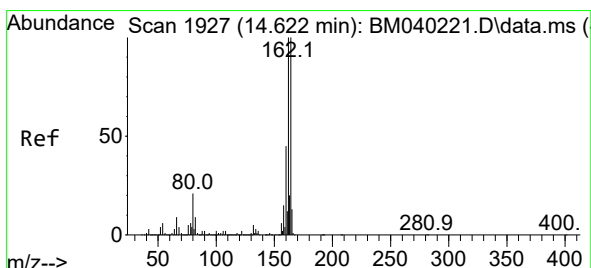
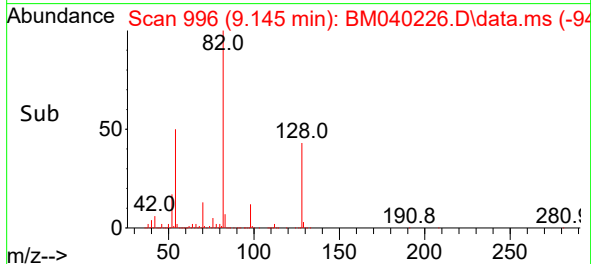
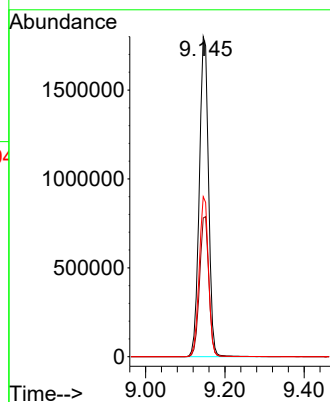
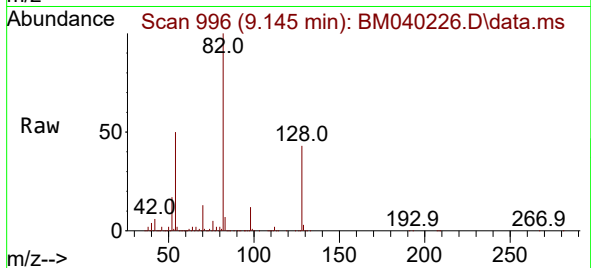
BNA_M

ClientSampleId :

PB153230BL

Tgt Ion: 82 Resp: 2898363

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.3	52.9
54	50.0	39.5	59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1926

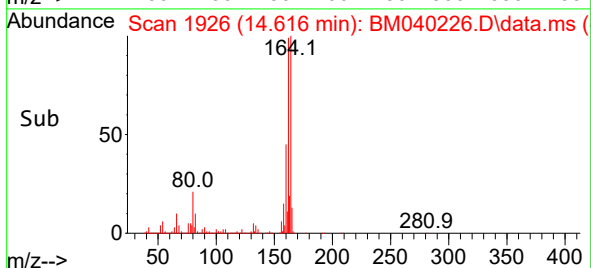
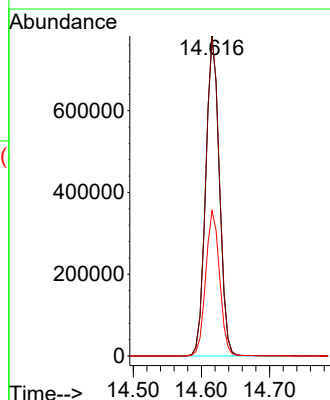
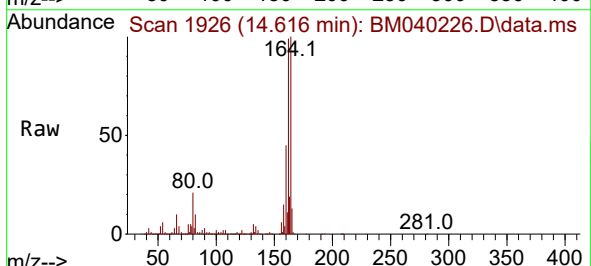
Delta R.T. -0.006 min

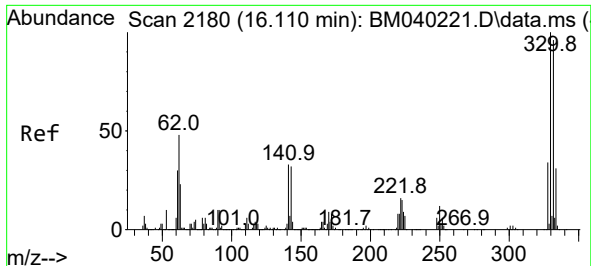
Lab File: BM040226.D

Acq: 13 Jun 2023 15:40

Tgt Ion: 164 Resp: 1086713

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.9	119.9
160	45.4	36.2	54.2

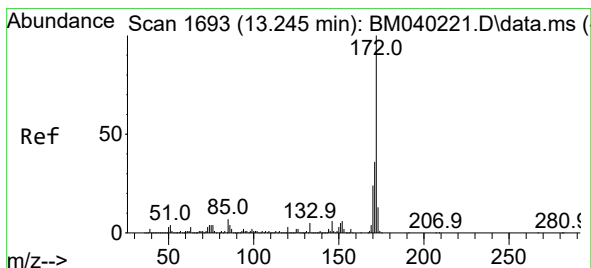
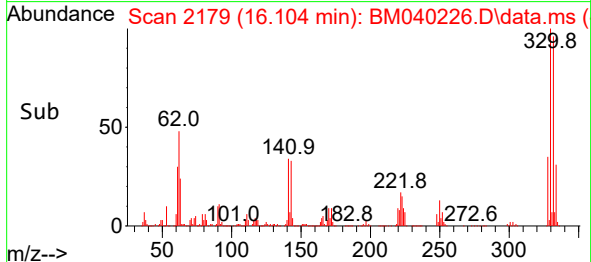
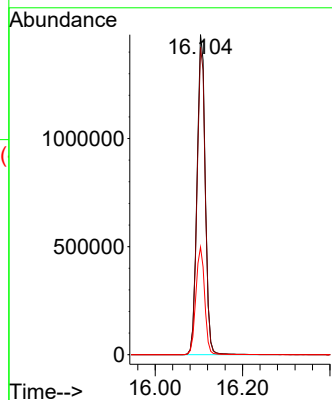
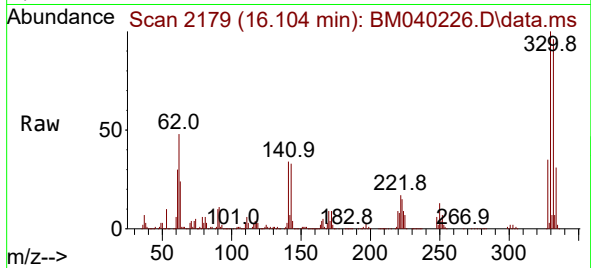




#42
2,4,6-Tribromophenol
Concen: 128.249 ng
RT: 16.104 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM040226.D
Acq: 13 Jun 2023 15:40

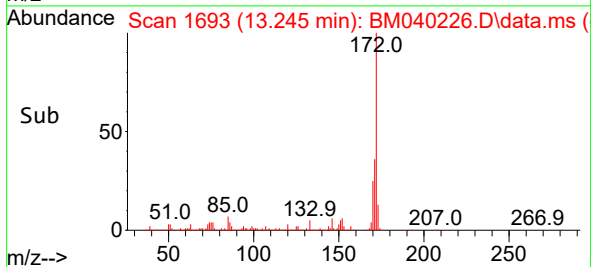
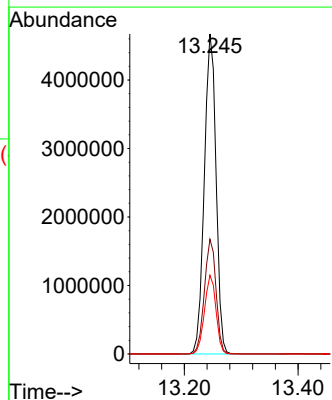
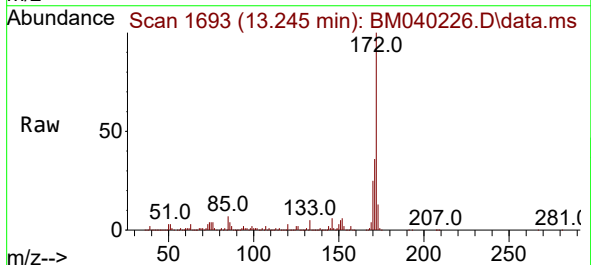
Instrument :
BNA_M
ClientSampleId :
PB153230BL

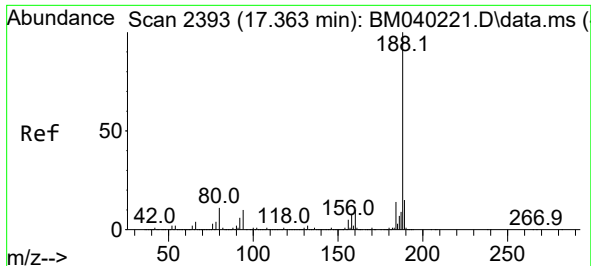
Tgt Ion:330 Resp: 1944225
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 35.7 30.0 45.0



#45
2-Fluorobiphenyl
Concen: 84.499 ng
RT: 13.245 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM040226.D
Acq: 13 Jun 2023 15:40

Tgt Ion:172 Resp: 6689853
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.6 19.5 29.3

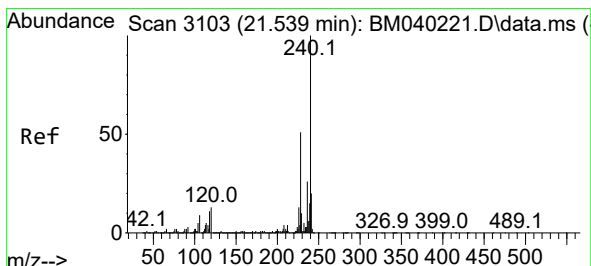
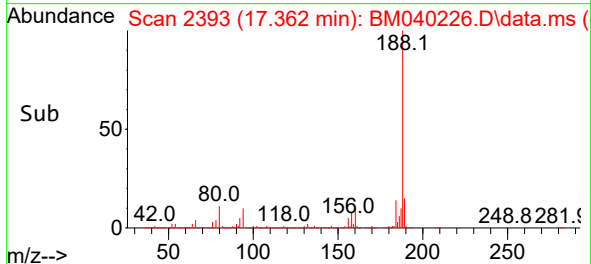
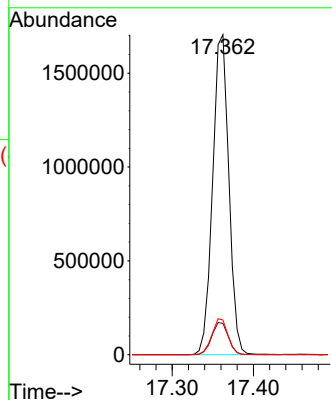
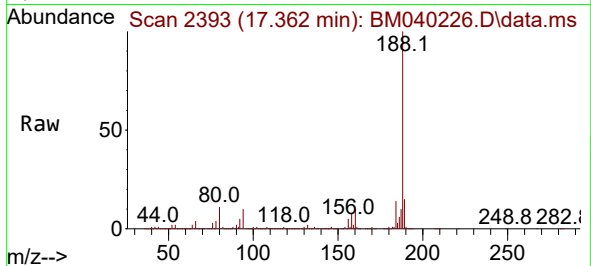




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040226.D
Acq: 13 Jun 2023 15:40

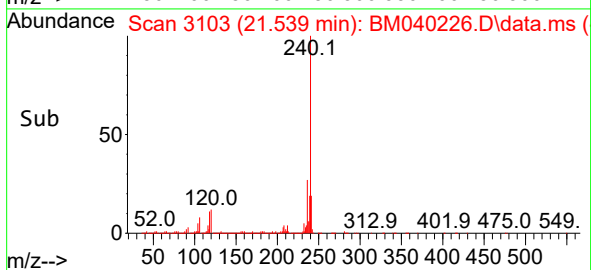
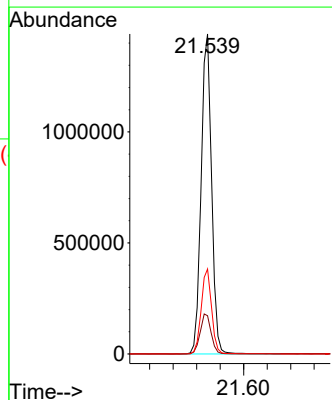
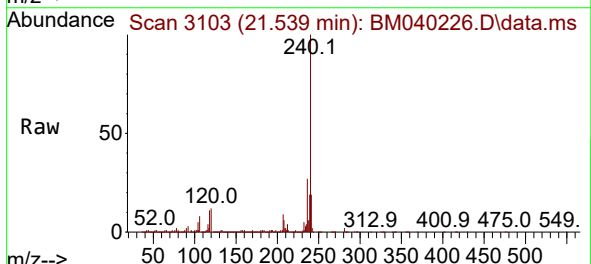
Instrument :
BNA_M
ClientSampleId :
PB153230BL

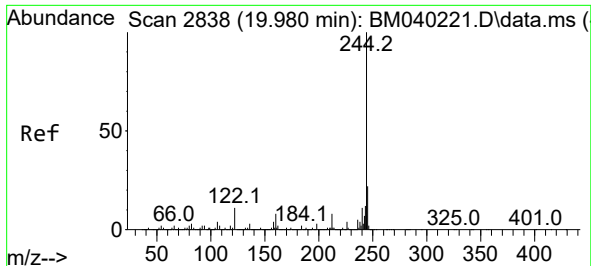
Tgt Ion:188 Resp: 2362109
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.8 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BM040226.D
Acq: 13 Jun 2023 15:40

Tgt Ion:240 Resp: 1779302
Ion Ratio Lower Upper
240 100
120 11.9 10.1 15.1
236 26.6 21.0 31.4

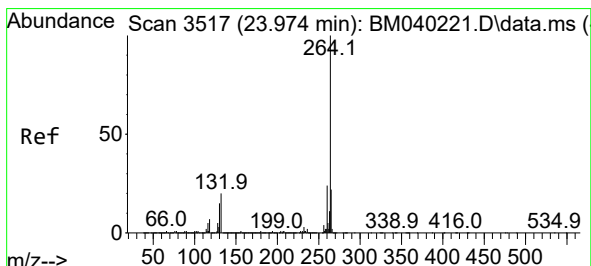
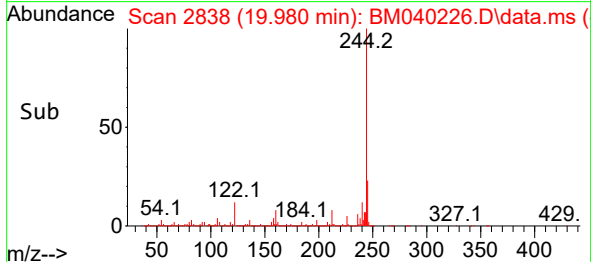
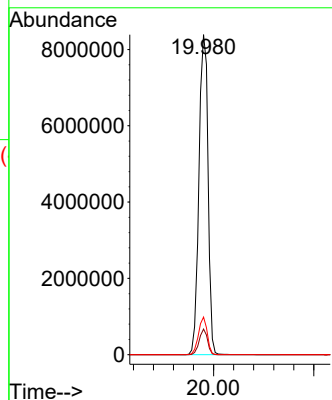
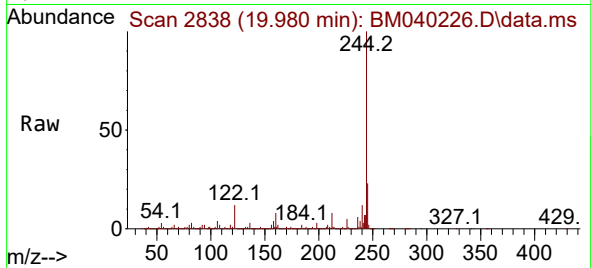




#79
 Terphenyl-d14
 Concen: 114.712 ng
 RT: 19.980 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040226.D
 Acq: 13 Jun 2023 15:40

Instrument :
 BNA_M
 ClientSampleId :
 PB153230BL

Tgt Ion:244 Resp:10504293
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 11.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.974 min Scan# 3517
 Delta R.T. -0.000 min
 Lab File: BM040226.D
 Acq: 13 Jun 2023 15:40

Tgt Ion:264 Resp: 1737565
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.4 17.5 26.3

