

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040323\
 Data File : BM039286.D
 Acq On : 03 Apr 2023 19:27
 Operator : CG/JU
 Sample : 02140-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 04 02:29:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

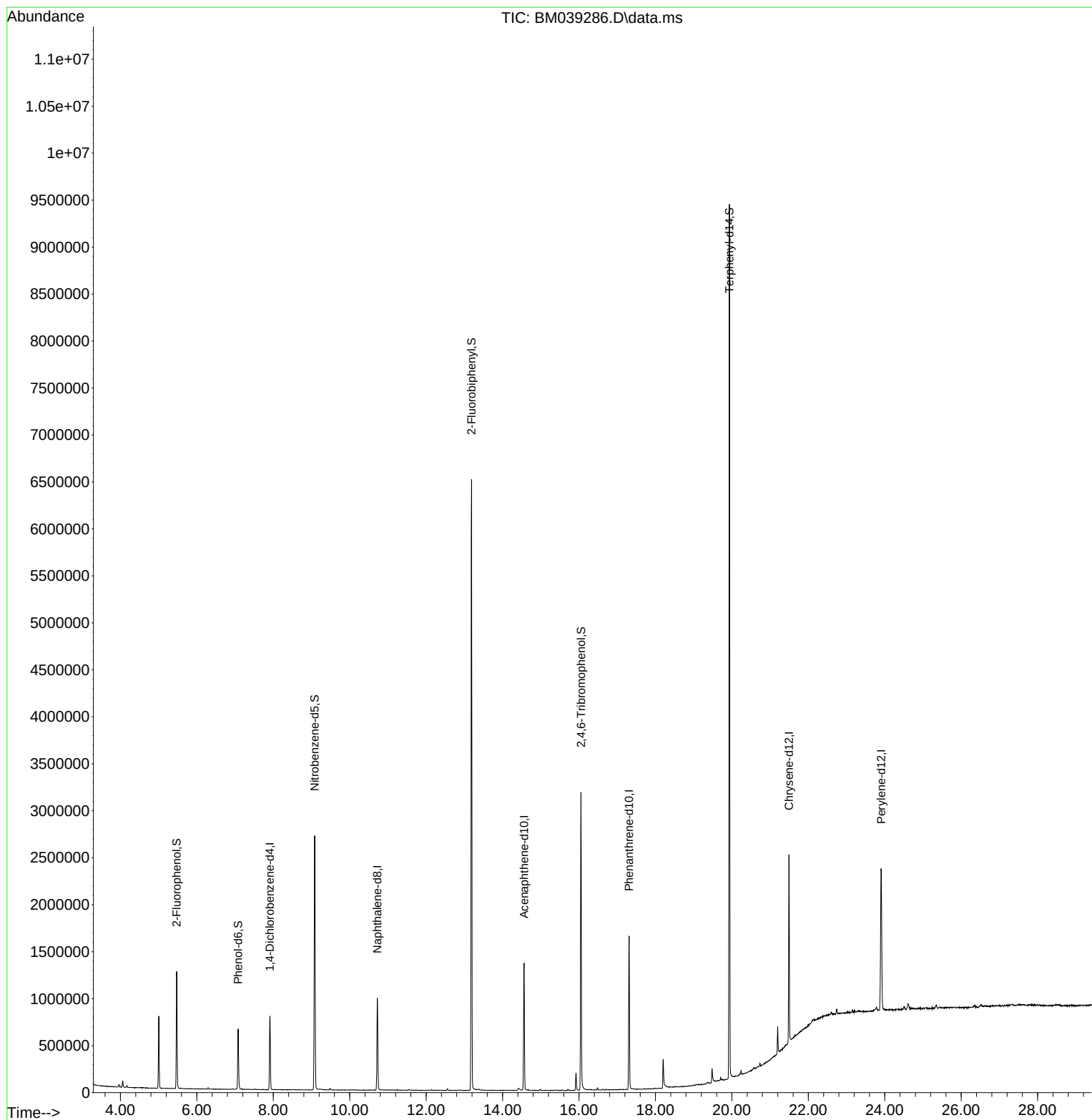
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	207534	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	795463	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	455861	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	958402	20.000	ng	0.00
76) Chrysene-d12	21.492	240	920498	20.000	ng	0.00
86) Perylene-d12	23.903	264	1133160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	541073	39.279	ng	0.00
7) Phenol-d6	7.081	99	382152	21.449	ng	0.00
23) Nitrobenzene-d5	9.081	82	1593572	97.366	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	553991	95.735	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	3257580	96.822	ng	0.00
79) Terphenyl-d14	19.933	244	4216917	84.639	ng	0.00

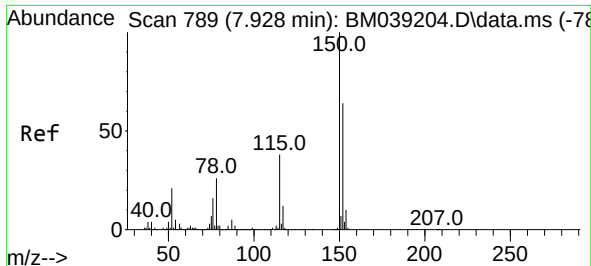
Target Compounds	Qvalue

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

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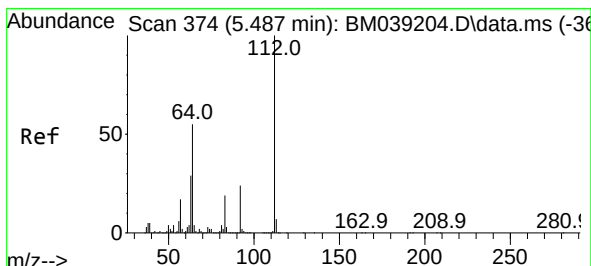
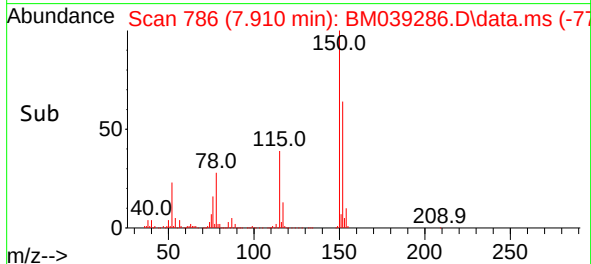
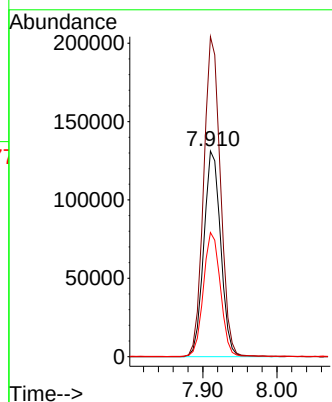
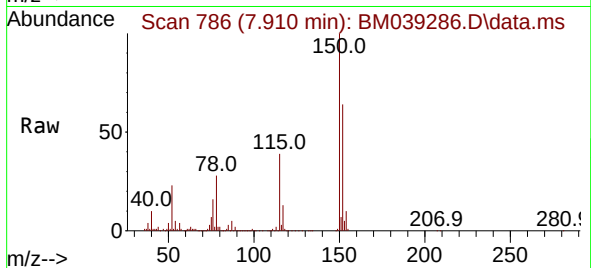
Quant Time: Apr 04 02:29:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
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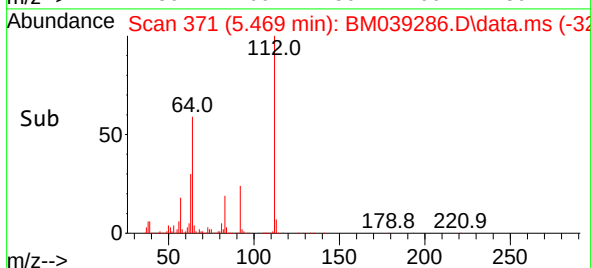
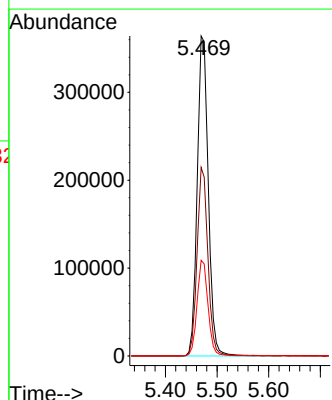
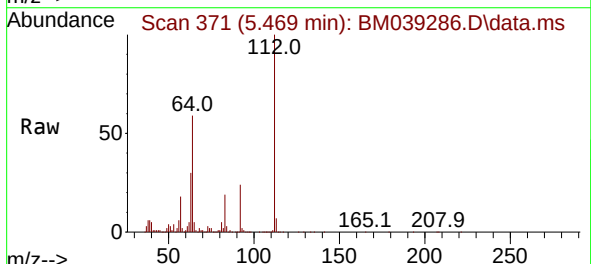
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 786
Delta R.T. -0.006 min
Lab File: BM039286.D
Acq: 03 Apr 2023 19:27

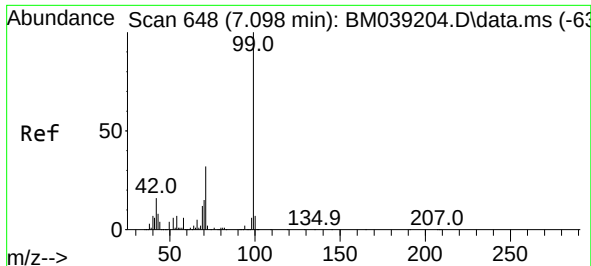
Tgt Ion:152 Resp: 207534
Ion Ratio Lower Upper
152 100
150 155.7 125.5 188.3
115 60.4 48.1 72.1



#5
2-Fluorophenol
Concen: 39.279 ng
RT: 5.469 min Scan# 371
Delta R.T. -0.006 min
Lab File: BM039286.D
Acq: 03 Apr 2023 19:27

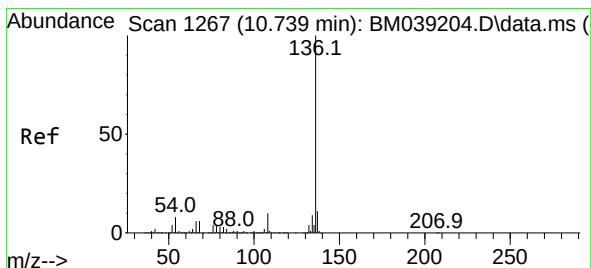
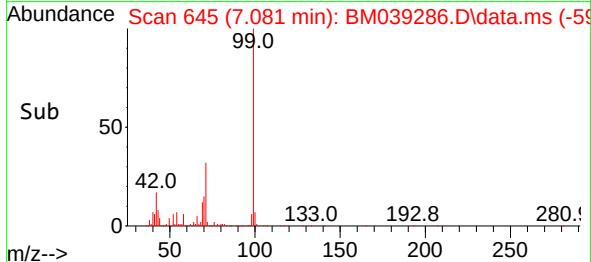
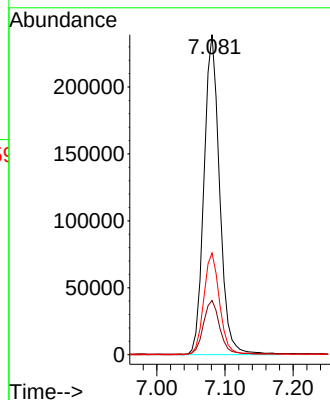
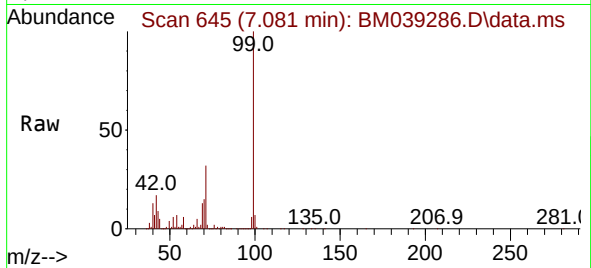
Tgt Ion:112 Resp: 541073
Ion Ratio Lower Upper
112 100
64 58.9 44.3 66.5
63 29.9 23.0 34.6





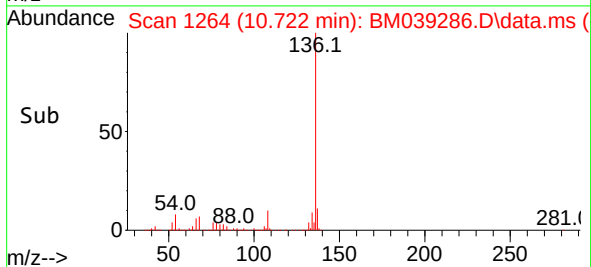
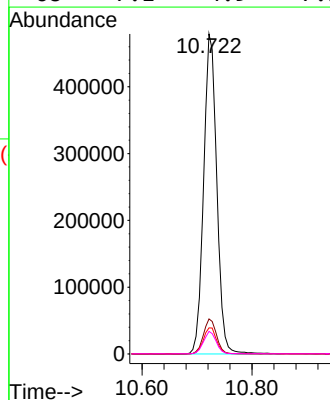
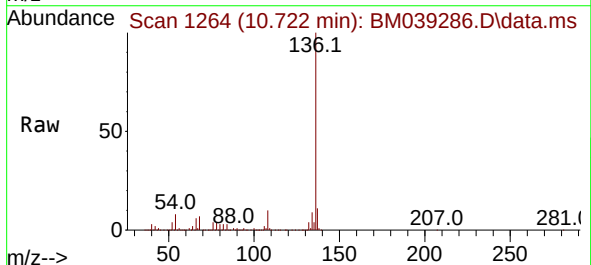
#7
Phenol-d6
Concen: 21.449 ng
RT: 7.081 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM039286.D
Acq: 03 Apr 2023 19:27

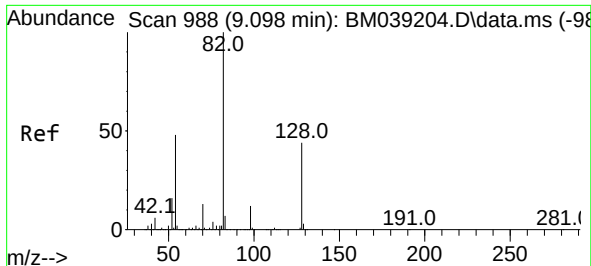
Tgt Ion: 99 Resp: 382152
Ion Ratio Lower Upper
99 100
42 17.0 13.0 19.6
71 31.8 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BM039286.D
Acq: 03 Apr 2023 19:27

Tgt Ion: 136 Resp: 795463
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.2 6.2 9.4
68 7.1 4.9 7.3

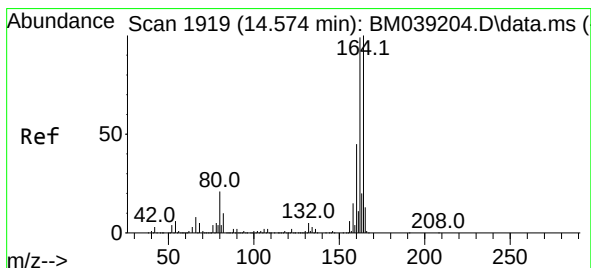
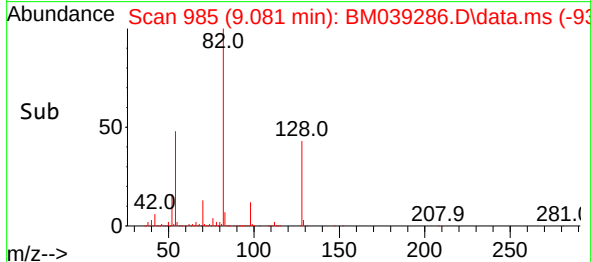
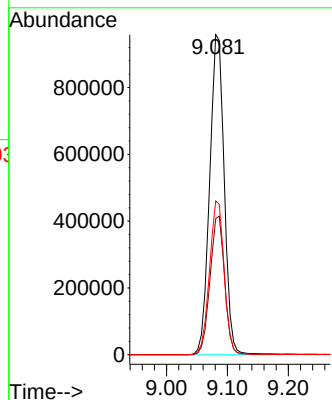
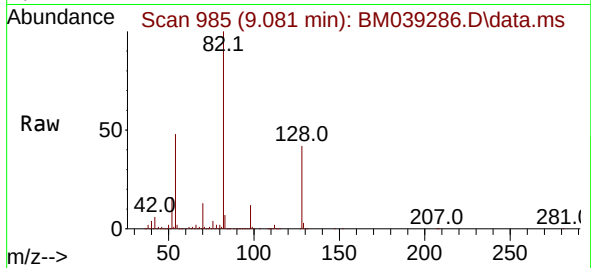




#23
Nitrobenzene-d5
Concen: 97.366 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM039286.D
Acq: 03 Apr 2023 19:27

Tgt Ion: 82 Resp: 1593572

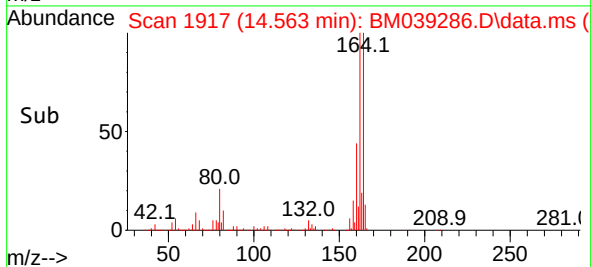
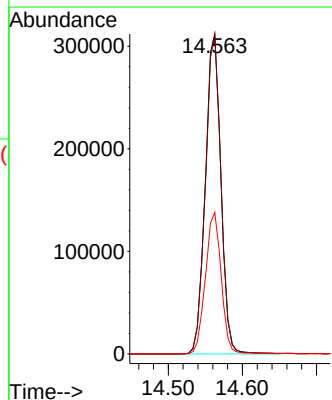
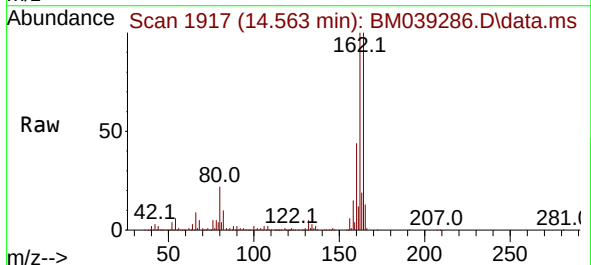
Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.1	52.7
54	48.1	38.5	57.7

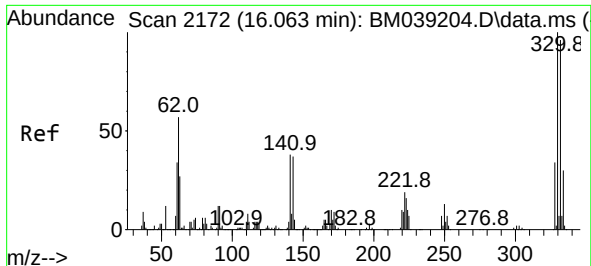


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM039286.D
Acq: 03 Apr 2023 19:27

Tgt Ion: 164 Resp: 455861

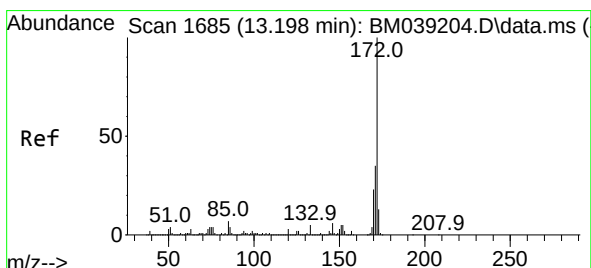
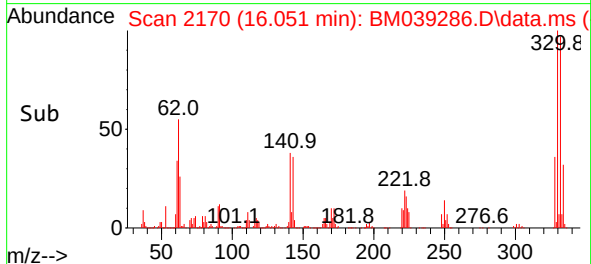
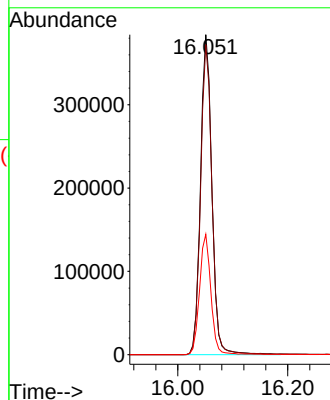
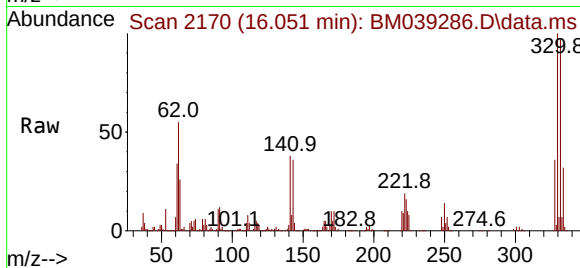
Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.1	118.7
160	44.3	35.8	53.8





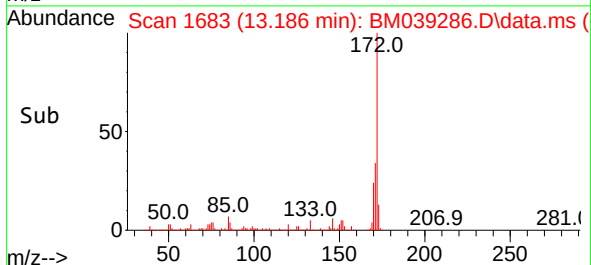
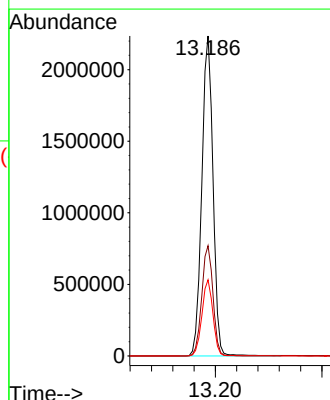
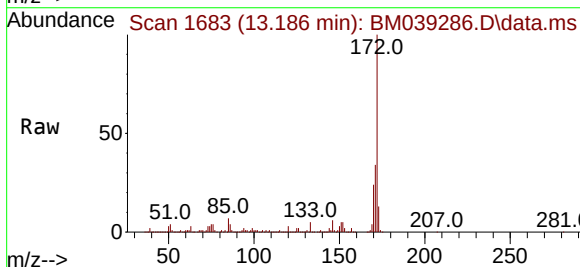
#42
2,4,6-Tribromophenol
Concen: 95.735 ng
RT: 16.051 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM039286.D
Acq: 03 Apr 2023 19:27

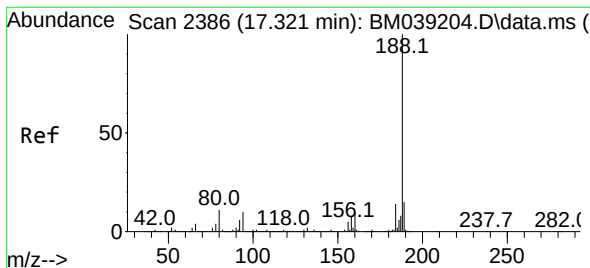
Tgt Ion:330 Resp: 553991
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 37.7 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 96.822 ng
RT: 13.186 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM039286.D
Acq: 03 Apr 2023 19:27

Tgt Ion:172 Resp: 3257580
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2384

Delta R.T. -0.000 min

Lab File: BM039286.D

Acq: 03 Apr 2023 19:27

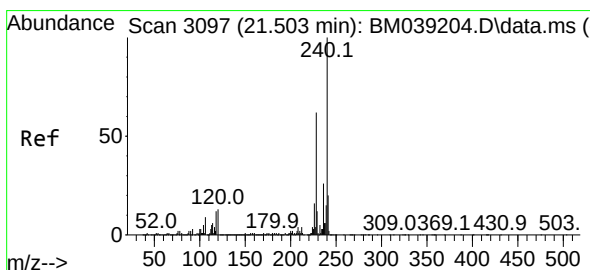
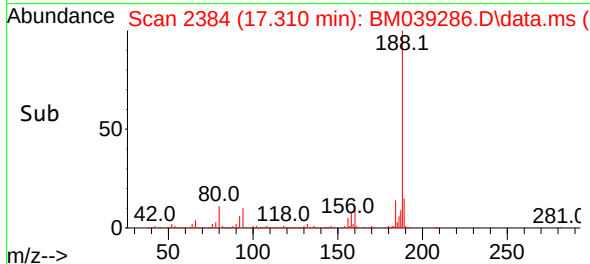
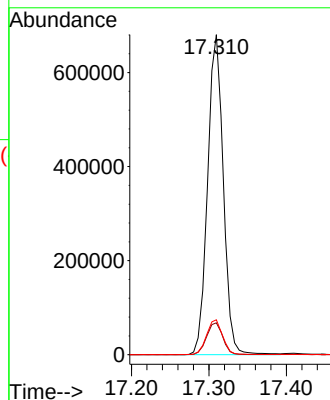
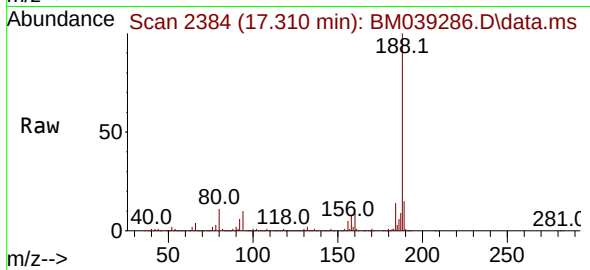
Tgt Ion:188 Resp: 958402

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

80 10.9 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM039286.D

Acq: 03 Apr 2023 19:27

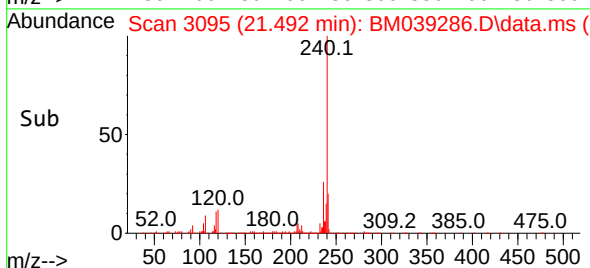
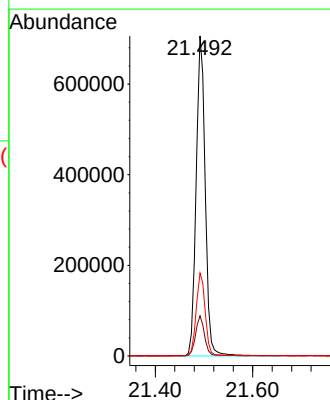
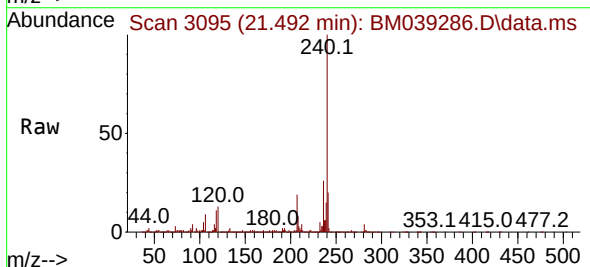
Tgt Ion:240 Resp: 920498

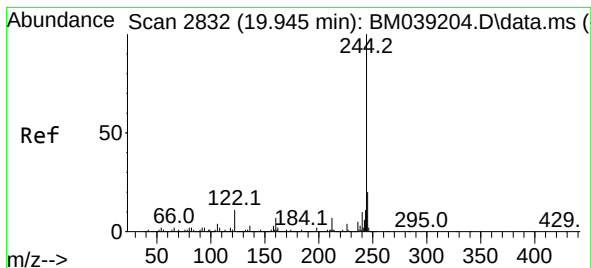
Ion Ratio Lower Upper

240 100

120 12.5 10.2 15.2

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 84.639 ng

RT: 19.933 min Scan# 2830

Delta R.T. -0.000 min

Lab File: BM039286.D

Acq: 03 Apr 2023 19:27

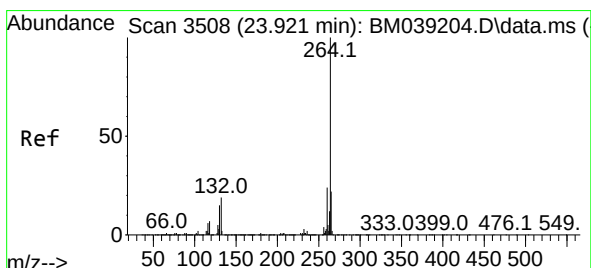
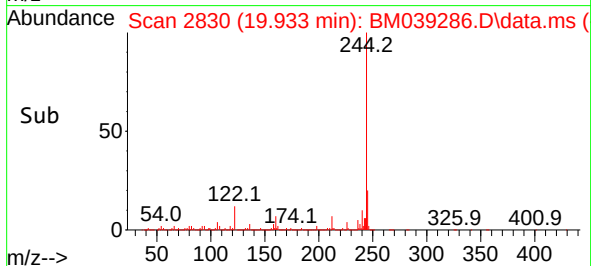
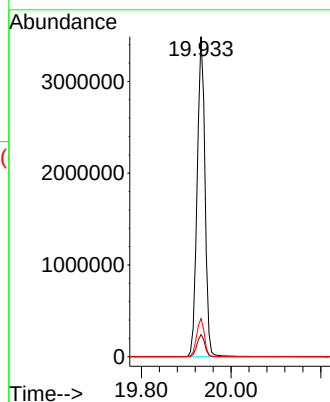
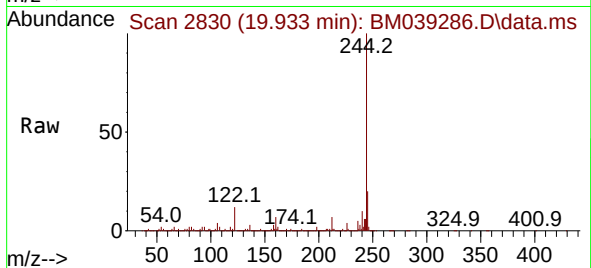
Tgt Ion:244 Resp: 4216917

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.9 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.903 min Scan# 3505

Delta R.T. -0.000 min

Lab File: BM039286.D

Acq: 03 Apr 2023 19:27

Tgt Ion:264 Resp: 1133160

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.5 18.1 27.1

