

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
 Data File : BM039374.D
 Acq On : 10 Apr 2023 12:46
 Operator : CG/JU
 Sample : 02140-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-02RE

Quant Time: Apr 11 02:08:54 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 02:05:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	172653	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	676950	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	377732	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	750454	20.000	ng	0.00
76) Chrysene-d12	21.456	240	716690	20.000	ng	0.00
86) Perylene-d12	23.844	264	800964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	449051	39.185	ng	0.00
7) Phenol-d6	7.040	99	310206	20.928	ng	0.00
23) Nitrobenzene-d5	9.040	82	1347775	96.765	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	417092	86.986	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	2805392	100.628	ng	0.00
79) Terphenyl-d14	19.898	244	3471099	89.481	ng	0.00

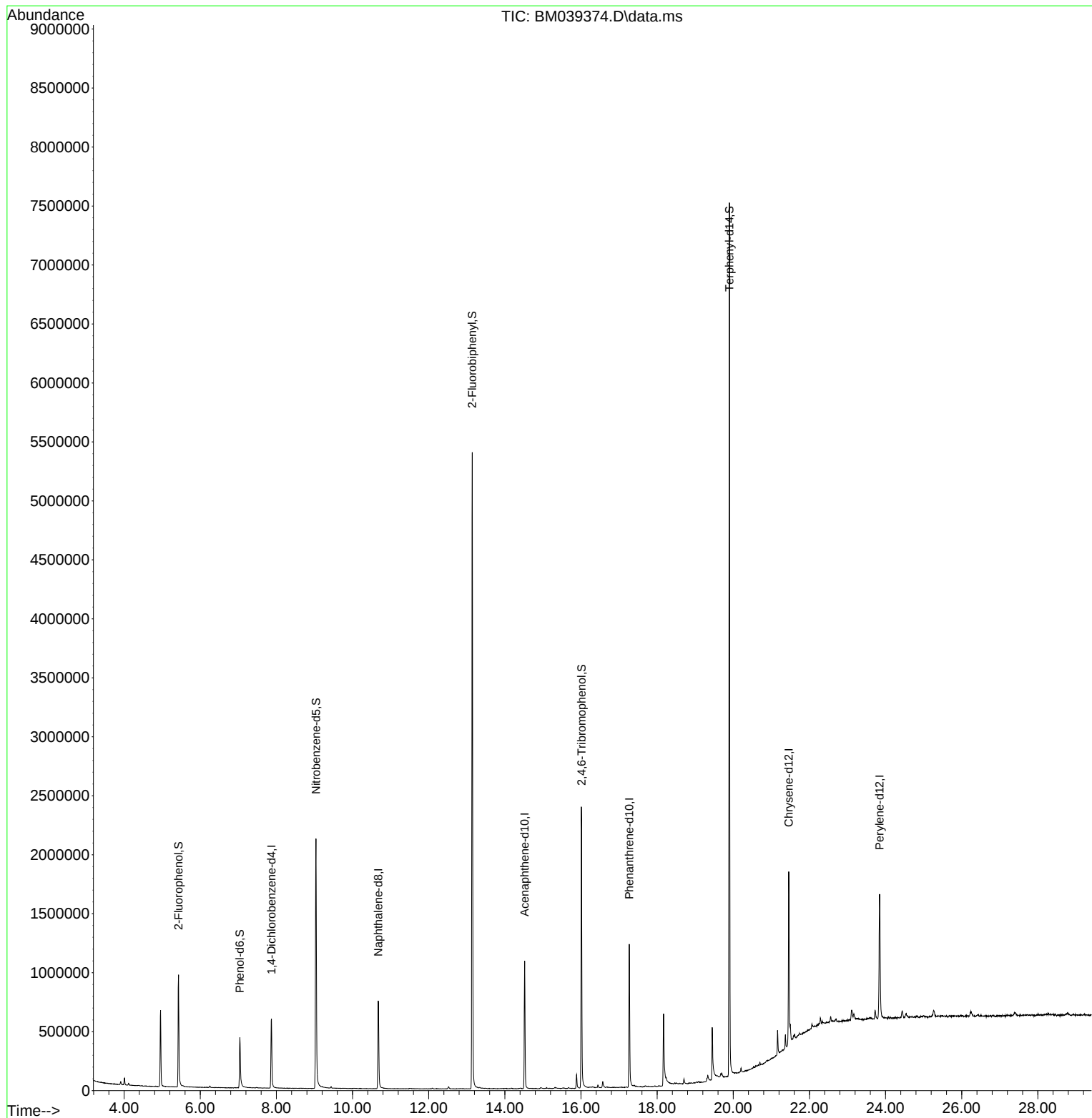
Target Compounds	Qvalue

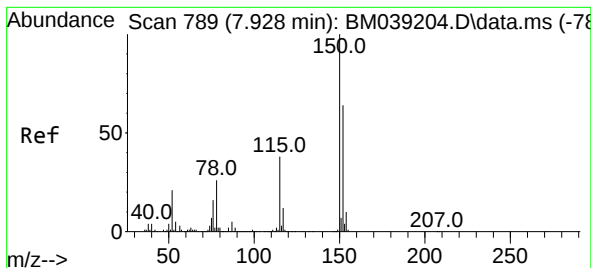
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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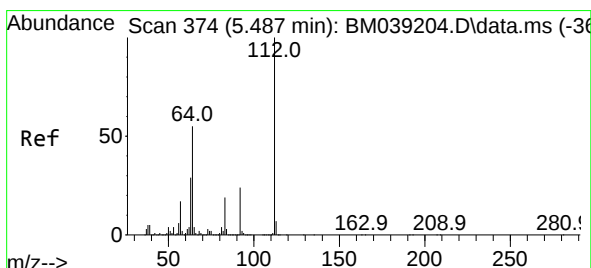
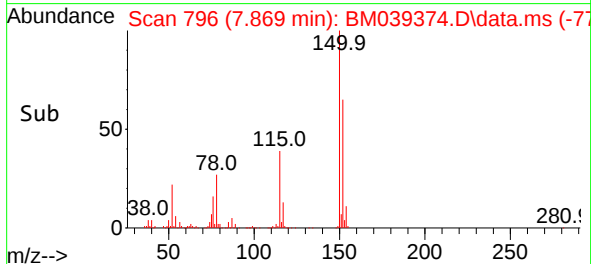
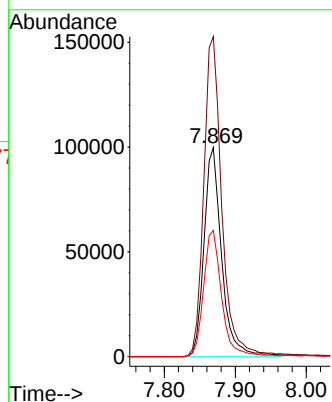
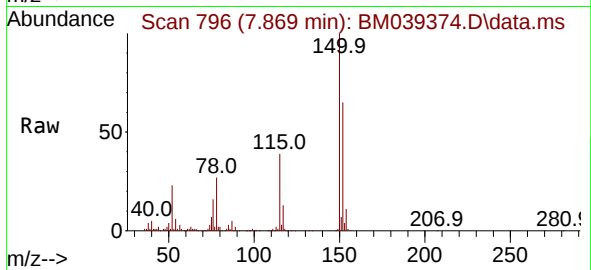




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.869 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: BM039374.D
 Acq: 10 Apr 2023 12:46

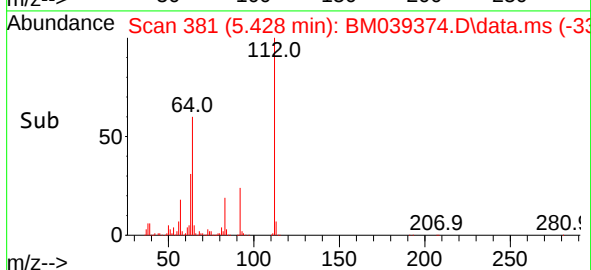
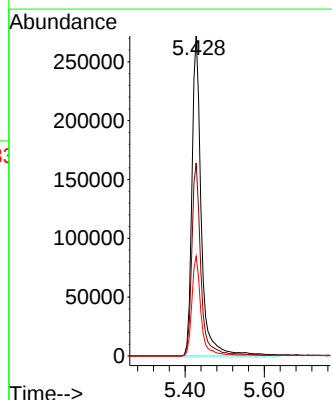
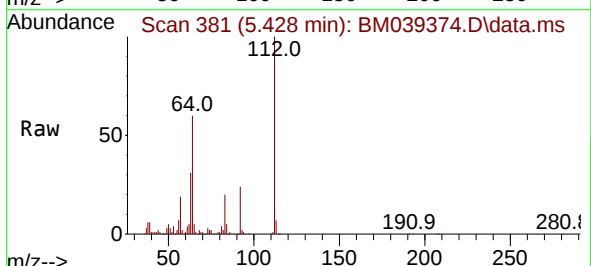
Instrument :
 BNA_M
 ClientSampleId :
 MW-02RE

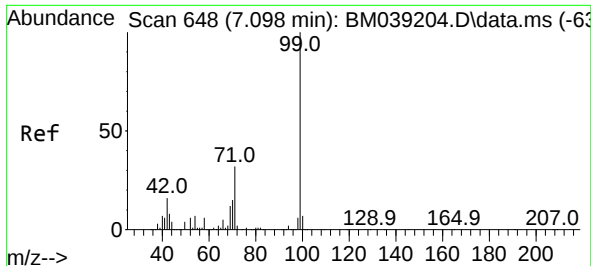
Tgt Ion:152 Resp: 172653
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.5 188.3
 115 60.3 48.1 72.1



#5
 2-Fluorophenol
 Concen: 39.185 ng
 RT: 5.428 min Scan# 381
 Delta R.T. 0.000 min
 Lab File: BM039374.D
 Acq: 10 Apr 2023 12:46

Tgt Ion:112 Resp: 449051
 Ion Ratio Lower Upper
 112 100
 64 60.3 44.3 66.5
 63 31.1 23.0 34.6

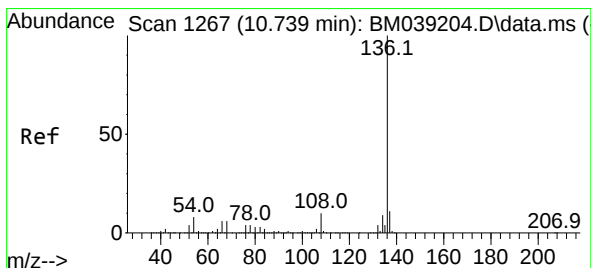
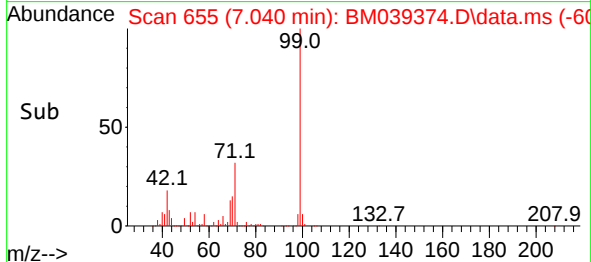
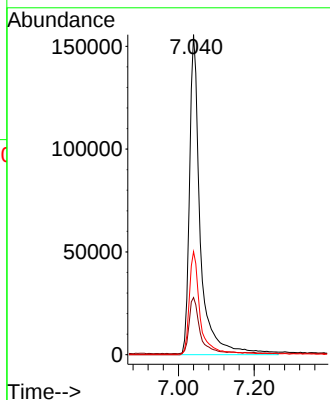
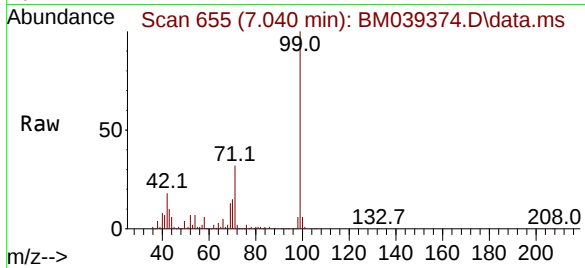




#7
Phenol-d6
Concen: 20.928 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039374.D
Acq: 10 Apr 2023 12:46

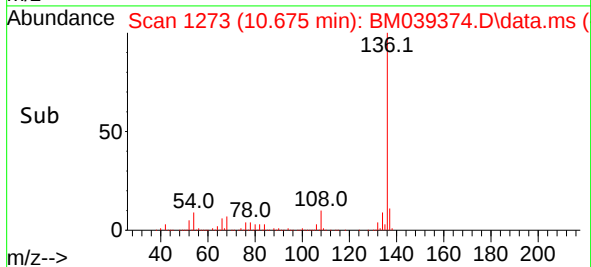
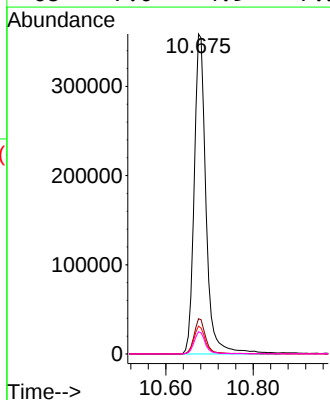
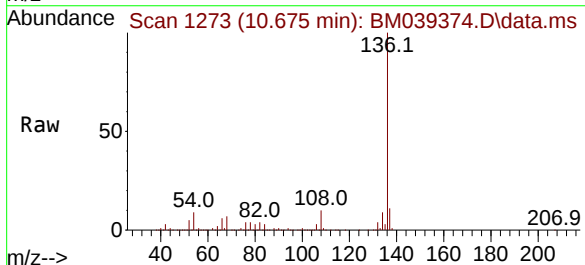
Instrument :
BNA_M
ClientSampleId :
MW-02RE

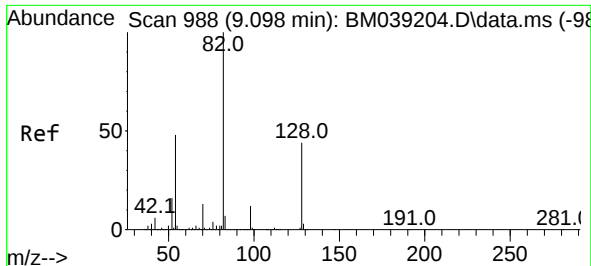
Tgt Ion: 99 Resp: 310206
Ion Ratio Lower Upper
99 100
42 17.9 13.0 19.6
71 32.2 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039374.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 136 Resp: 676950
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.7 6.2 9.4
68 7.0 4.9 7.3

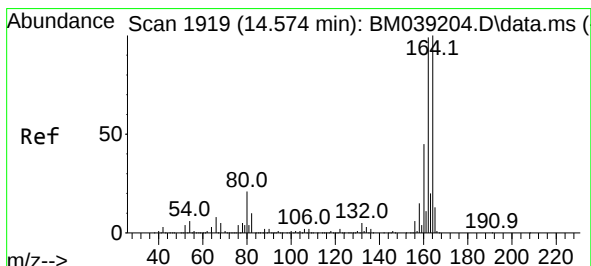
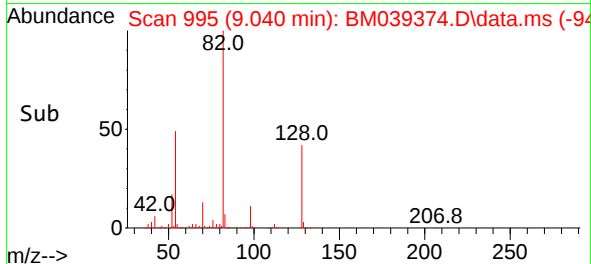
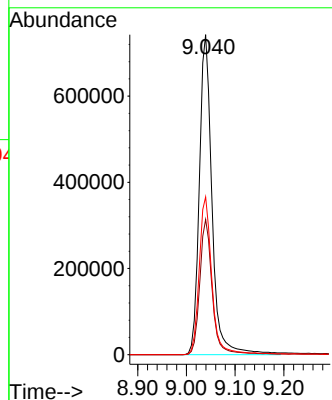
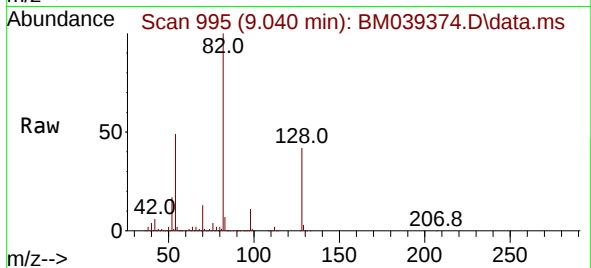




#23
Nitrobenzene-d5
Concen: 96.765 ng
RT: 9.040 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039374.D
Acq: 10 Apr 2023 12:46

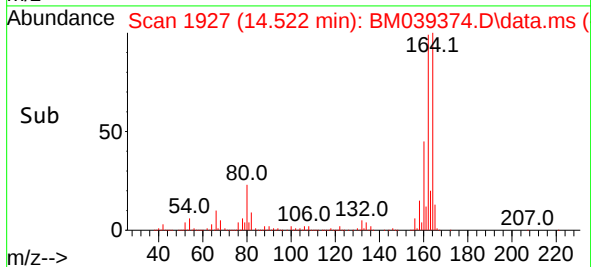
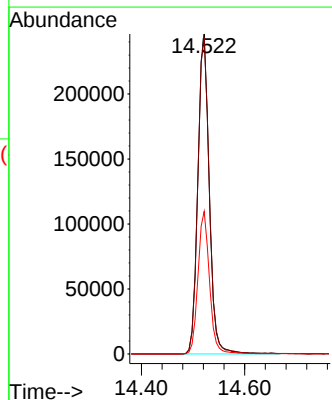
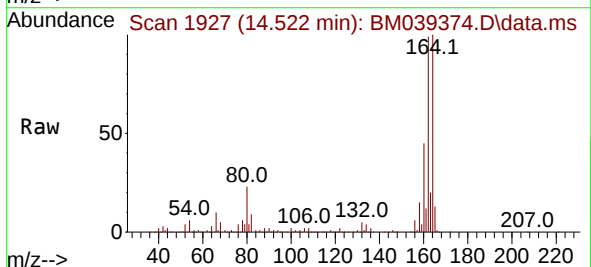
Instrument :
BNA_M
ClientSampleId :
MW-02RE

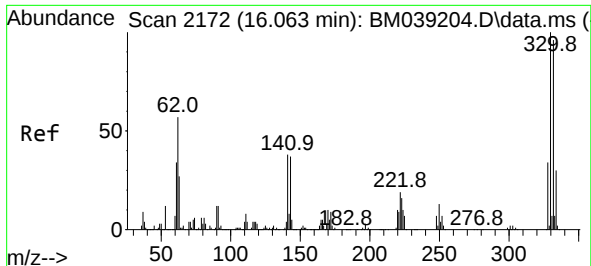
Tgt Ion: 82 Resp: 1347775
Ion Ratio Lower Upper
82 100
128 42.3 35.1 52.7
54 49.3 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM039374.D
Acq: 10 Apr 2023 12:46

Tgt Ion: 164 Resp: 377732
Ion Ratio Lower Upper
164 100
162 99.0 79.1 118.7
160 44.5 35.8 53.8

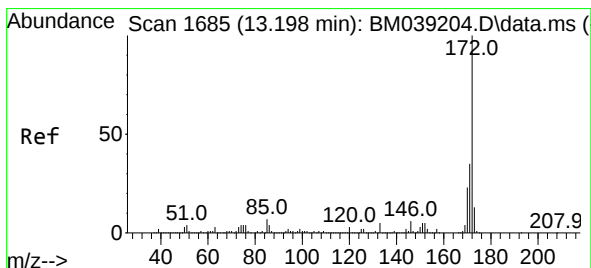
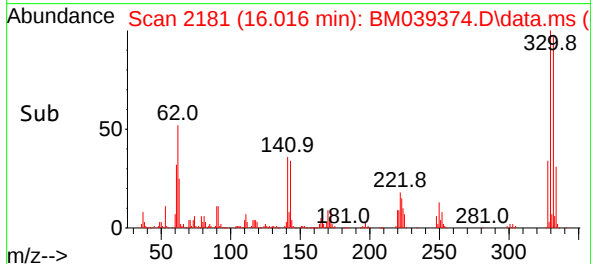
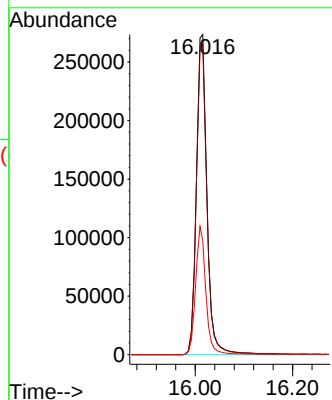
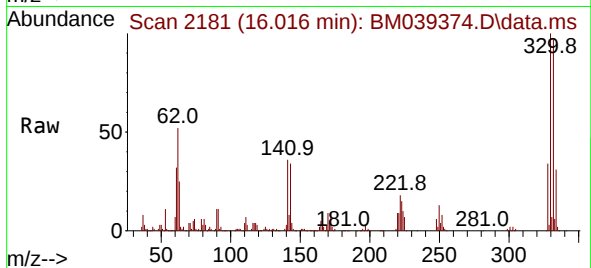




#42
2,4,6-Tribromophenol
Concen: 86.986 ng
RT: 16.016 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM039374.D
Acq: 10 Apr 2023 12:46

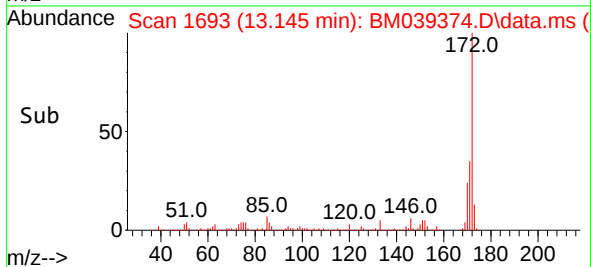
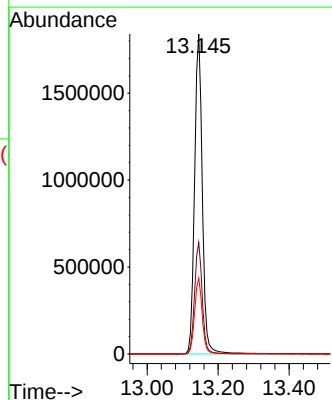
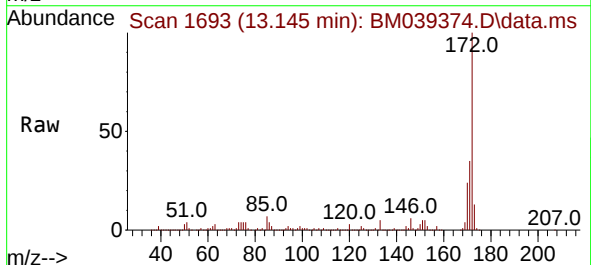
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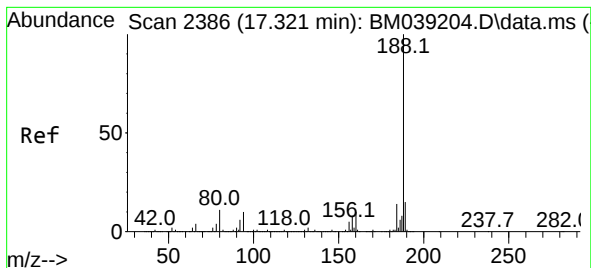
Tgt Ion:330 Resp: 417092
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 39.0 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 100.628 ng
RT: 13.145 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM039374.D
Acq: 10 Apr 2023 12:46

Tgt Ion:172 Resp: 2805392
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039374.D

Acq: 10 Apr 2023 12:46

Instrument :

BNA_M

ClientSampleId :

MW-02RE

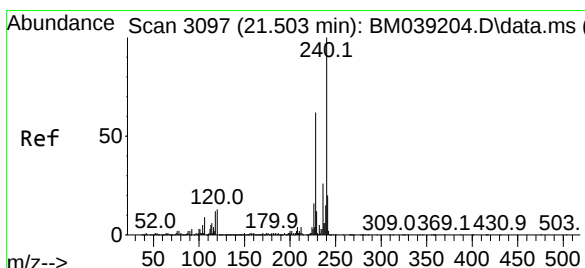
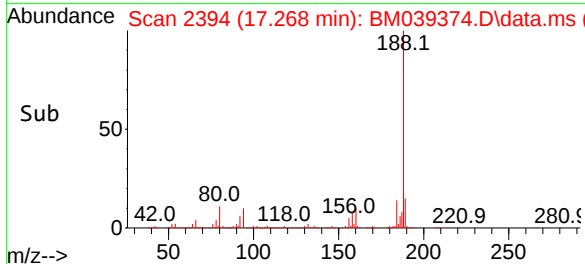
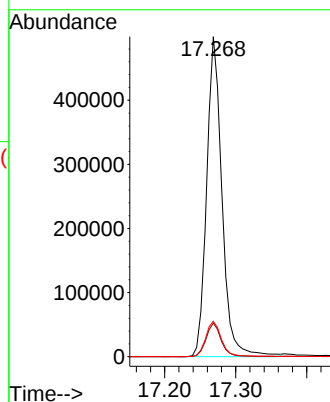
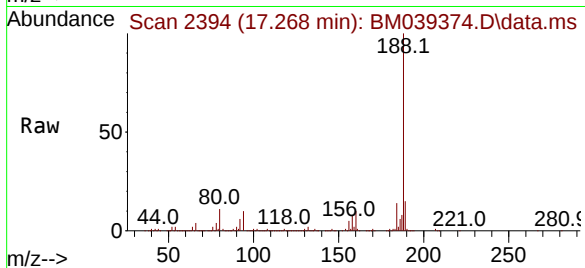
Tgt Ion:188 Resp: 750454

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.4

80 11.0 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: BM039374.D

Acq: 10 Apr 2023 12:46

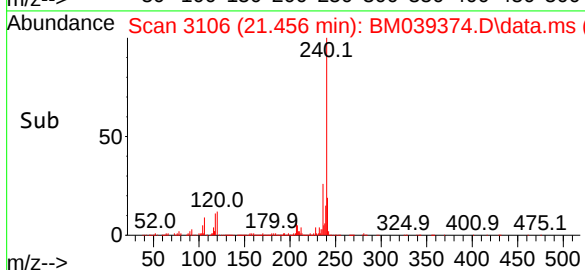
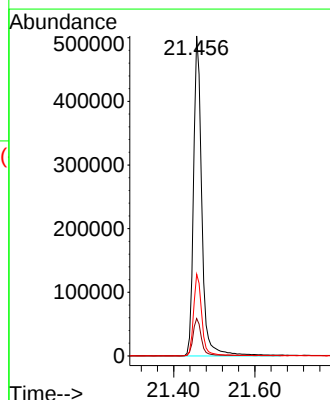
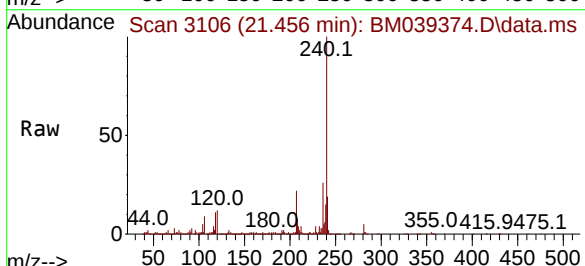
Tgt Ion:240 Resp: 716690

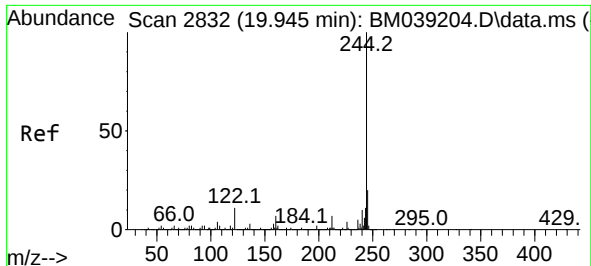
Ion Ratio Lower Upper

240 100

120 11.7 10.2 15.2

236 25.6 20.9 31.3

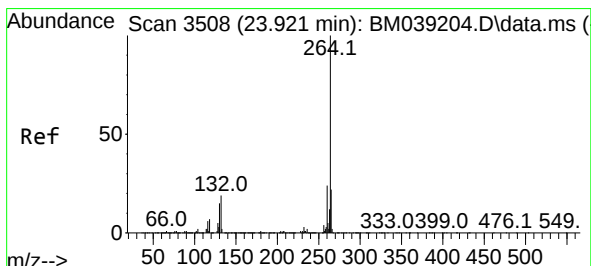
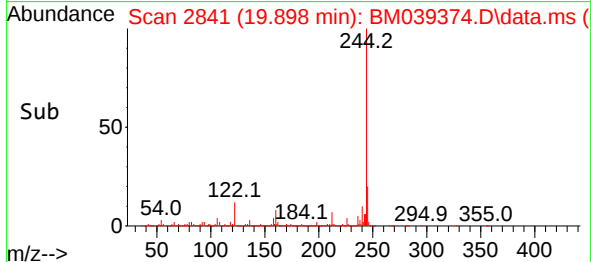
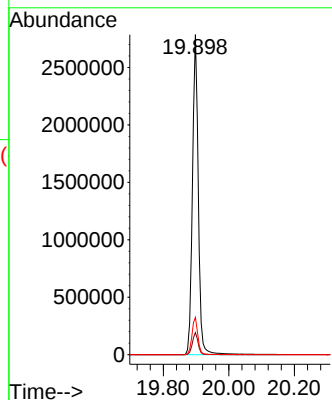
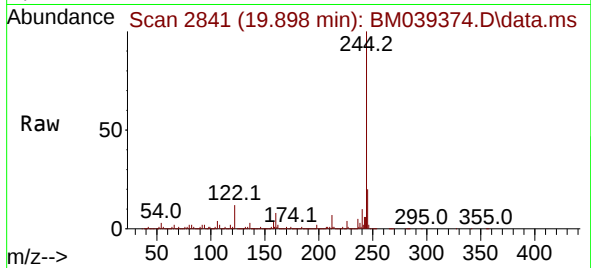




#79
 Terphenyl-d14
 Concen: 89.481 ng
 RT: 19.898 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039374.D
 Acq: 10 Apr 2023 12:46

Instrument :
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Tgt Ion:244 Resp: 3471099
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.6 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.844 min Scan# 3512
 Delta R.T. 0.000 min
 Lab File: BM039374.D
 Acq: 10 Apr 2023 12:46

Tgt Ion:264 Resp: 800964
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 22.3 18.1 27.1

