

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
 Data File : BM038746.D
 Acq On : 15 Feb 2023 13:49
 Operator : CG/JU
 Sample : 01539-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-7

Quant Time: Feb 16 02:53:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 02:07:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	55455	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	200720	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	140145	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	304446	20.000	ng	0.00
76) Chrysene-d12	21.456	240	309583	20.000	ng	0.00
86) Perylene-d12	23.839	264	389900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	322502	113.922	ng	0.00
7) Phenol-d6	7.069	99	385856	119.507	ng	-0.01
23) Nitrobenzene-d5	9.069	82	222138	62.861	ng	-0.01
42) 2,4,6-Tribromophenol	16.027	330	224042	117.615	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	656862	59.670	ng	0.00
79) Terphenyl-d14	19.898	244	1183381	67.455	ng	0.00

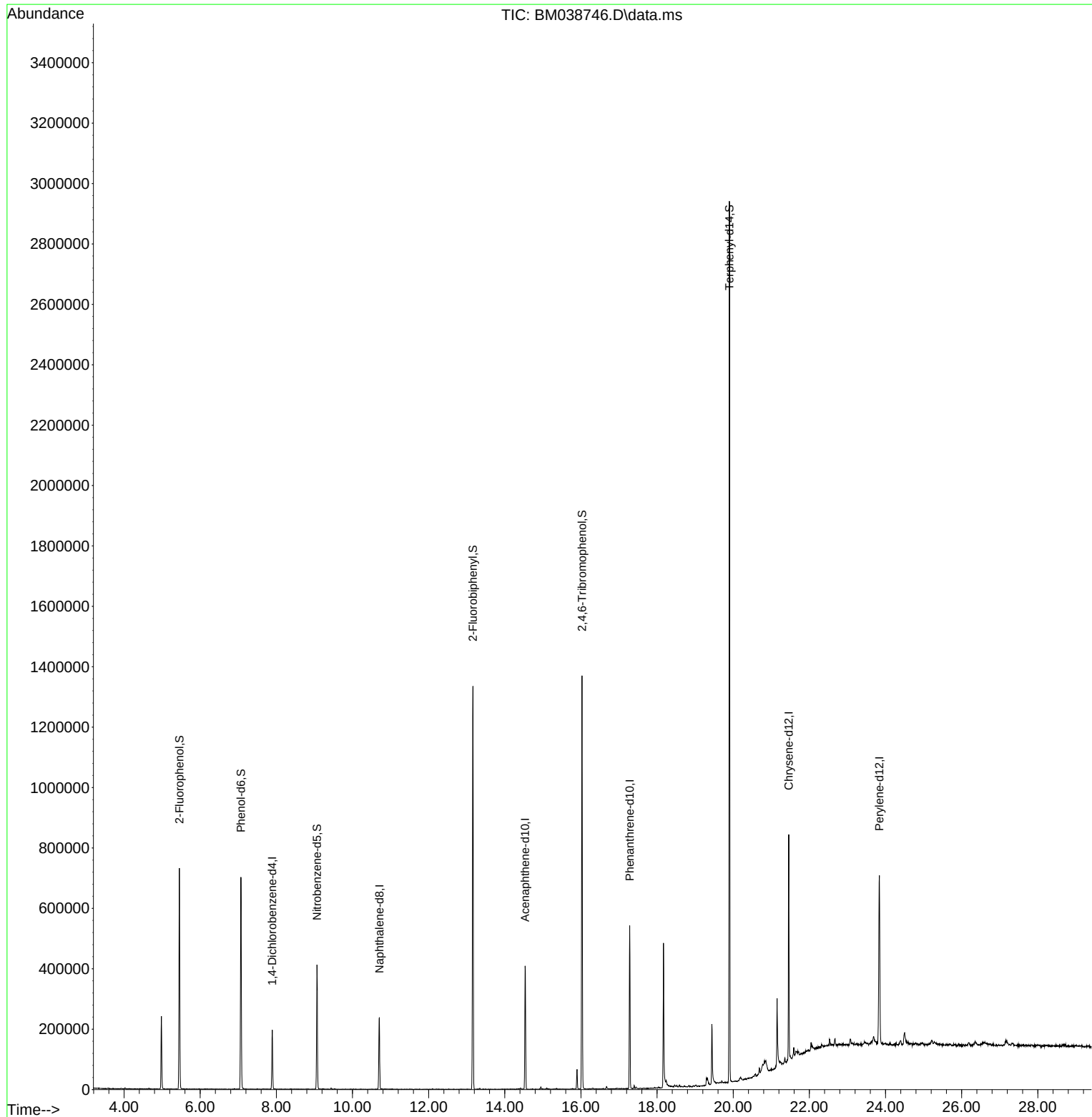
Target Compounds	Qvalue

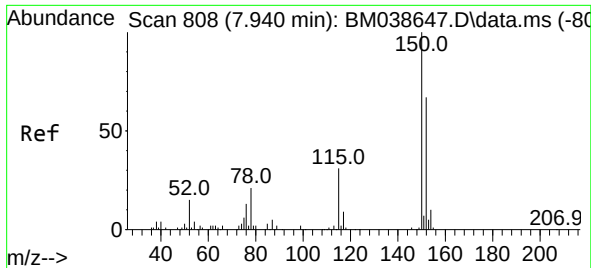
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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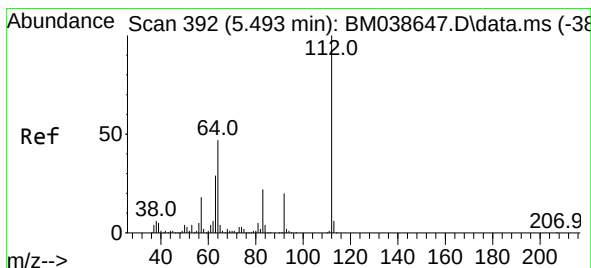
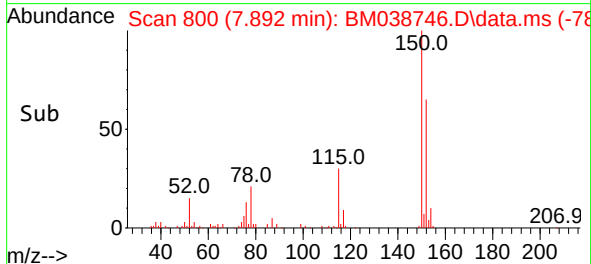
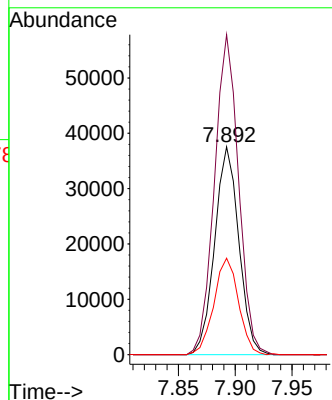
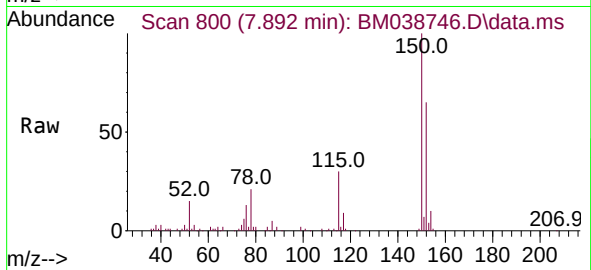




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.892 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038746.D
Acq: 15 Feb 2023 13:49

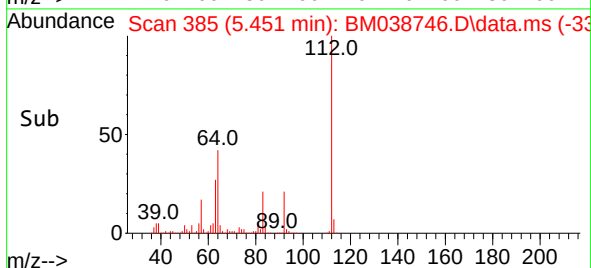
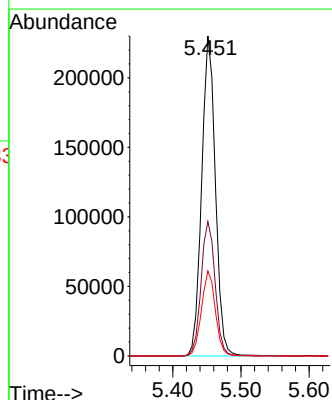
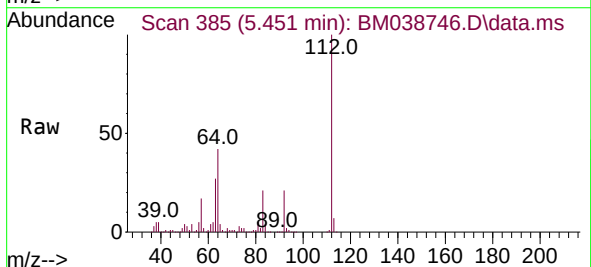
Instrument :
BNA_M
ClientSampleId :
COMP-7

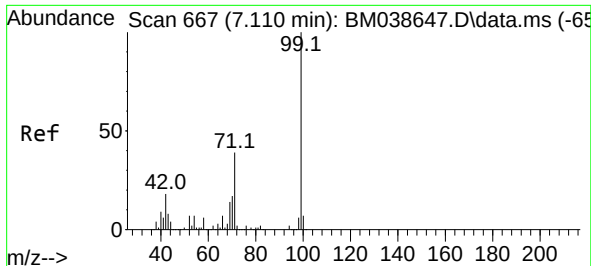
Tgt Ion:152 Resp: 55455
Ion Ratio Lower Upper
152 100
150 154.0 119.5 179.3
115 46.4 37.6 56.4



#5
2-Fluorophenol
Concen: 113.922 ng
RT: 5.451 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM038746.D
Acq: 15 Feb 2023 13:49

Tgt Ion:112 Resp: 322502
Ion Ratio Lower Upper
112 100
64 42.0 37.9 56.9
63 26.5 23.3 34.9

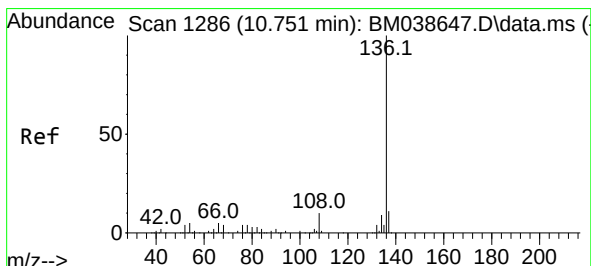
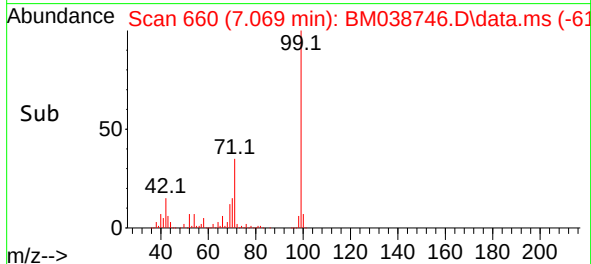
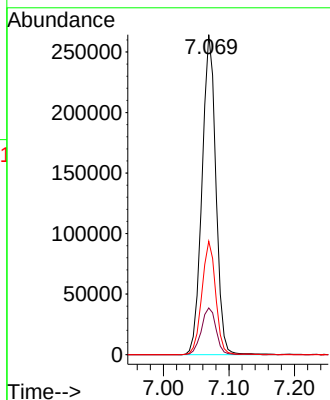
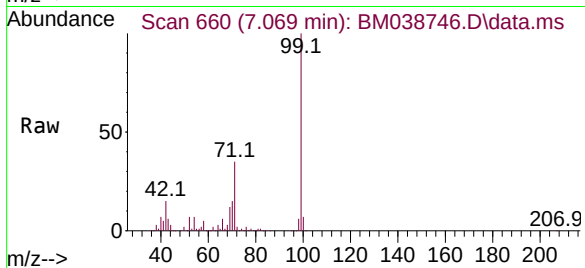




#7
Phenol-d6
Concen: 119.507 ng
RT: 7.069 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM038746.D
Acq: 15 Feb 2023 13:49

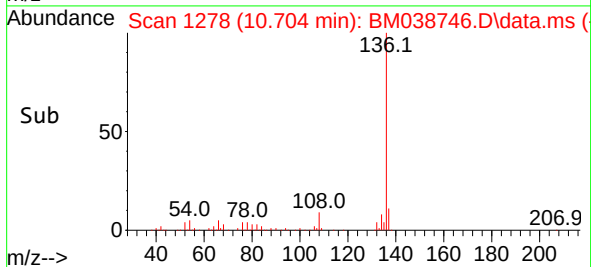
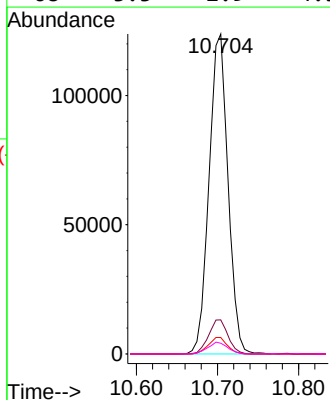
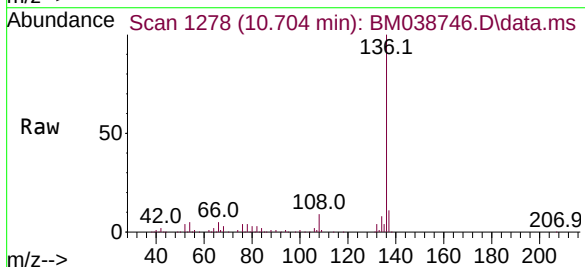
Instrument :
BNA_M
ClientSampleId :
COMP-7

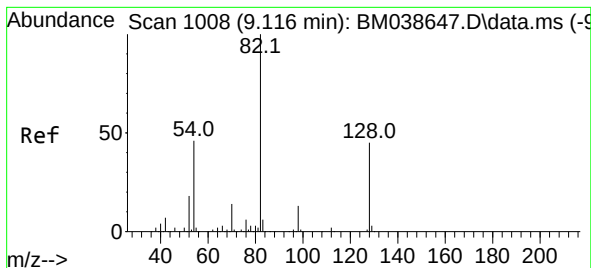
Tgt Ion: 99 Resp: 385856
Ion Ratio Lower Upper
99 100
42 14.6 14.6 22.0#
71 35.4 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM038746.D
Acq: 15 Feb 2023 13:49

Tgt Ion: 136 Resp: 200720
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 5.1 4.2 6.4
68 3.3 2.9 4.3





#23

Nitrobenzene-d5

Concen: 62.861 ng

RT: 9.069 min Scan# 10

Delta R.T. -0.012 min

Lab File: BM038746.D

Acq: 15 Feb 2023 13:49

Instrument :

BNA_M

ClientSampleId :

COMP-7

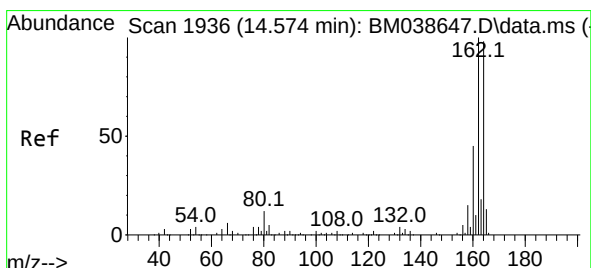
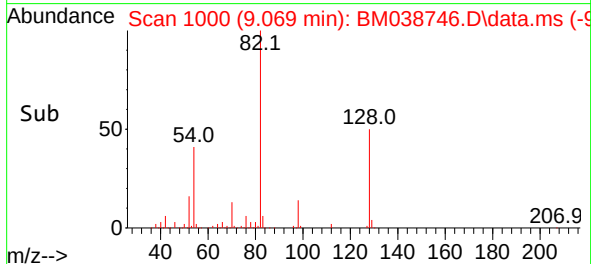
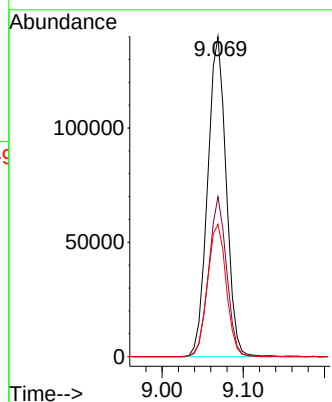
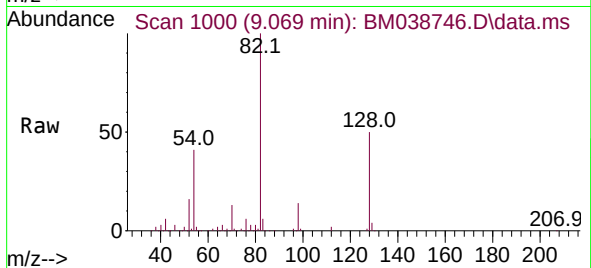
Tgt Ion: 82 Resp: 222138

Ion Ratio Lower Upper

82 100

128 49.9 36.0 54.0

54 41.4 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1929

Delta R.T. -0.012 min

Lab File: BM038746.D

Acq: 15 Feb 2023 13:49

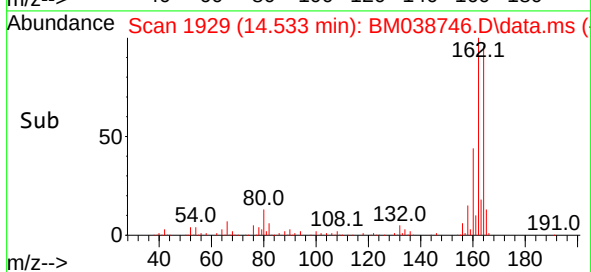
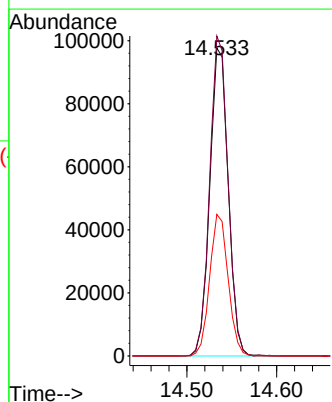
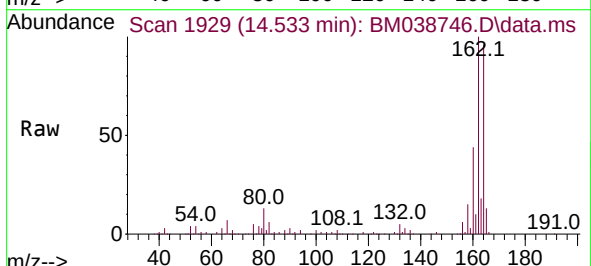
Tgt Ion:164 Resp: 140145

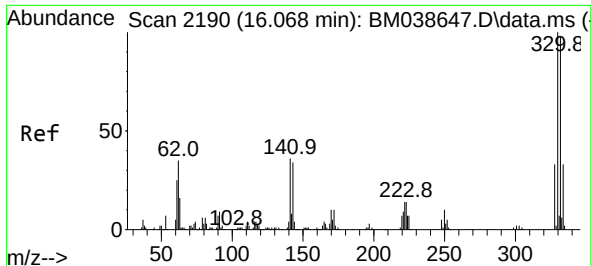
Ion Ratio Lower Upper

164 100

162 103.9 81.4 122.0

160 46.0 36.5 54.7

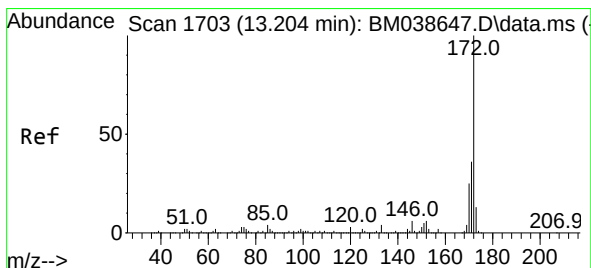
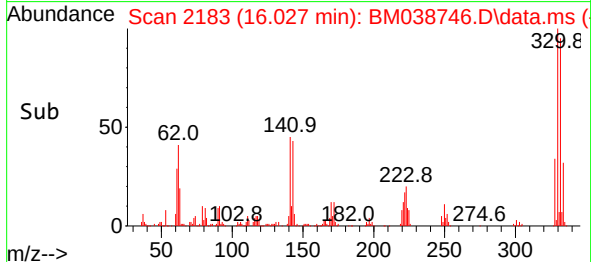
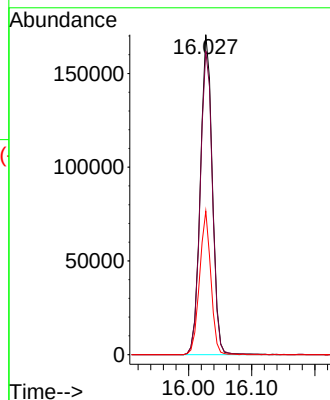
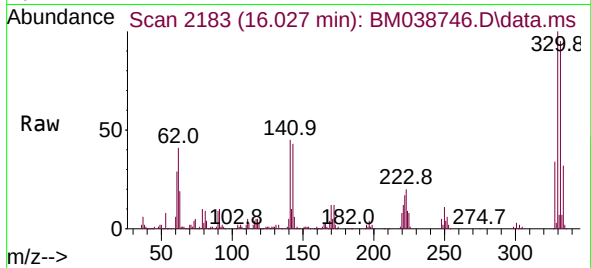




#42
2,4,6-Tribromophenol
Concen: 117.615 ng
RT: 16.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038746.D
Acq: 15 Feb 2023 13:49

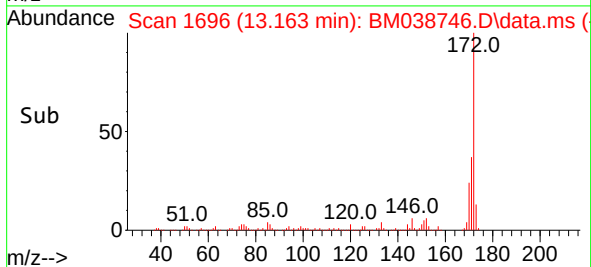
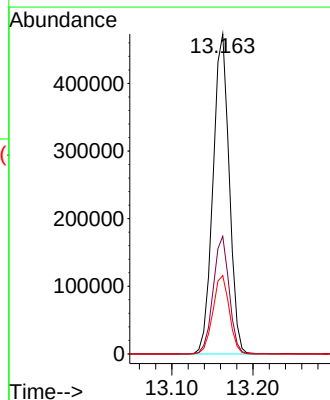
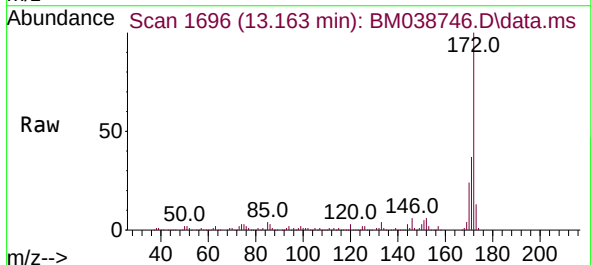
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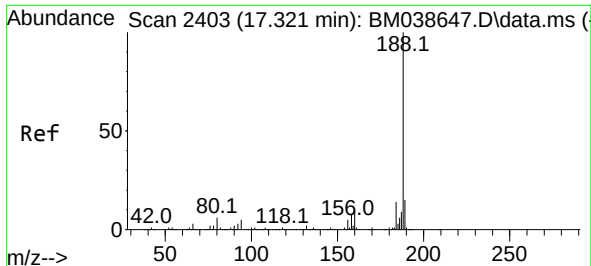
Tgt Ion:330 Resp: 224042
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 42.2 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 59.670 ng
RT: 13.163 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM038746.D
Acq: 15 Feb 2023 13:49

Tgt Ion:172 Resp: 656862
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.5 20.0 30.0

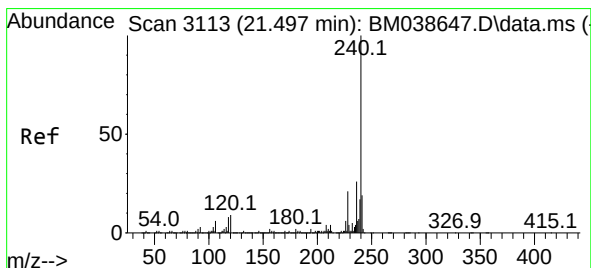
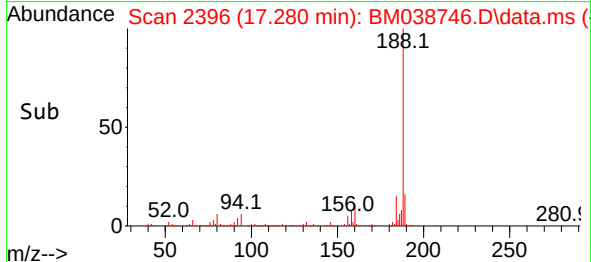
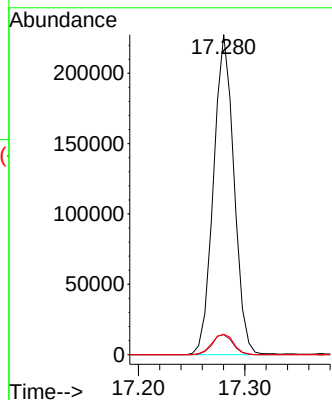
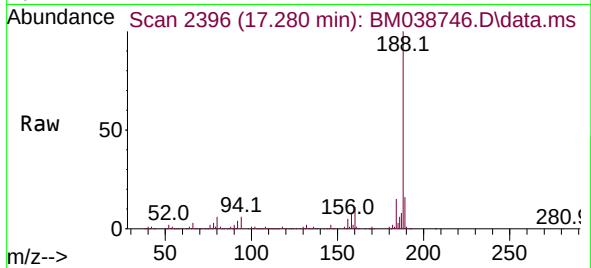




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 231
Delta R.T. -0.006 min
Lab File: BM038746.D
Acq: 15 Feb 2023 13:49

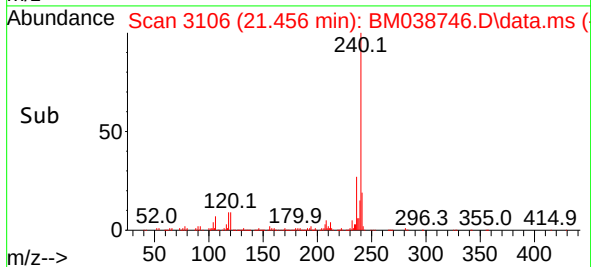
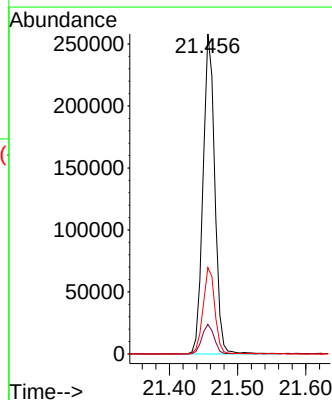
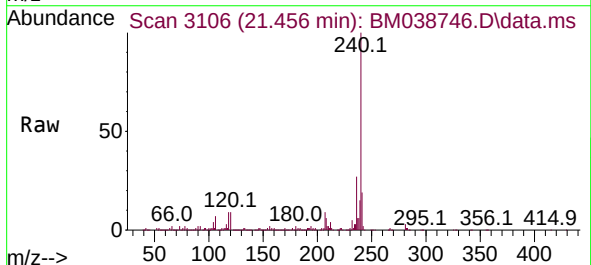
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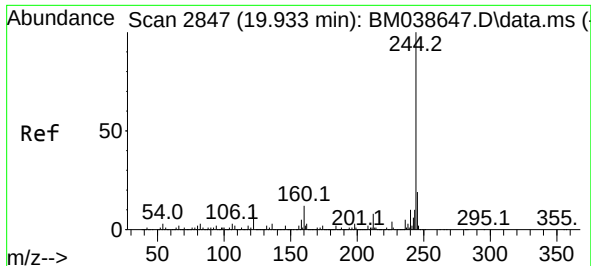
Tgt Ion:188 Resp: 304446
Ion Ratio Lower Upper
188 100
94 6.2 4.2 6.4
80 6.4 4.6 7.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM038746.D
Acq: 15 Feb 2023 13:49

Tgt Ion:240 Resp: 309583
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.4
236 27.0 20.9 31.3

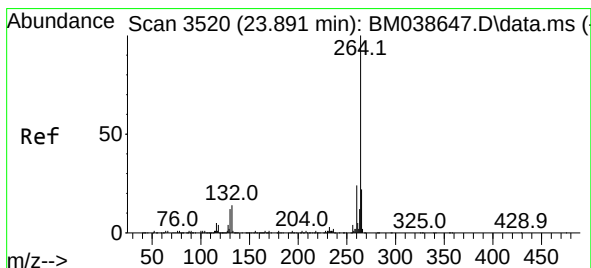
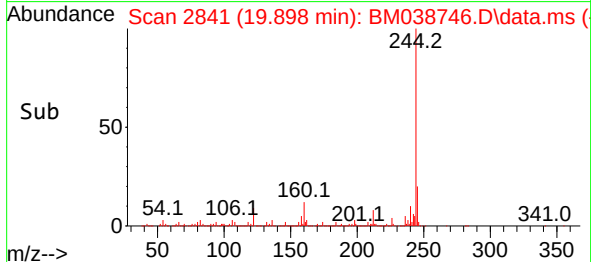
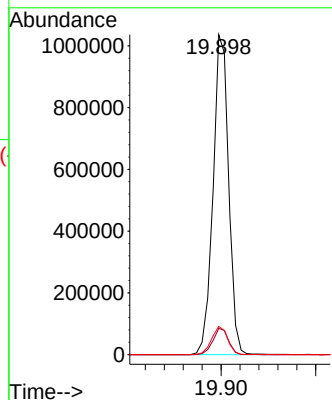
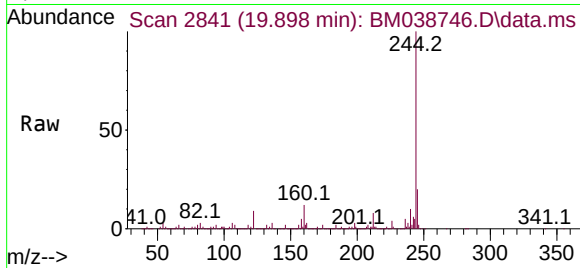




#79
 Terphenyl-d14
 Concen: 67.455 ng
 RT: 19.898 min Scan# 2841
 Delta R.T. -0.006 min
 Lab File: BM038746.D
 Acq: 15 Feb 2023 13:49

Instrument :
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Tgt Ion:244 Resp: 1183381
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 8.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.839 min Scan# 3511
 Delta R.T. 0.000 min
 Lab File: BM038746.D
 Acq: 15 Feb 2023 13:49

Tgt Ion:264 Resp: 389900
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 22.2 17.9 26.9

