

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
 Data File : BM038744.D
 Acq On : 15 Feb 2023 12:10
 Operator : CG/JU
 Sample : PB150830BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150790BL

Quant Time: Feb 15 12:51:17 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)

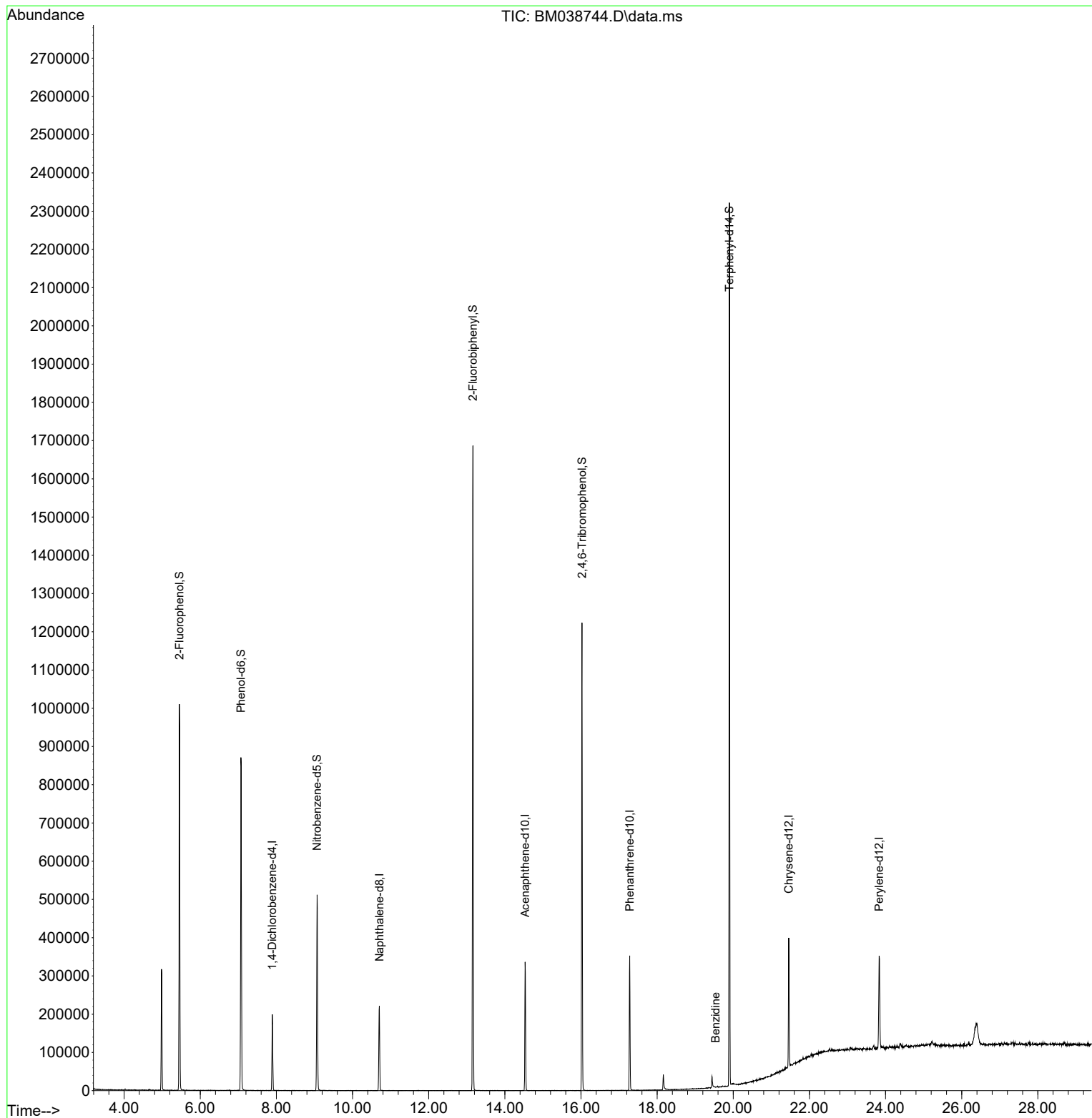
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	55480	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	183895	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	112687	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	202036	20.000	ng	0.00
76) Chrysene-d12	21.456	240	140528	20.000	ng	0.00
86) Perylene-d12	23.833	264	178121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	439893	155.319	ng	0.00
7) Phenol-d6	7.069	99	490950	151.988	ng	-0.01
23) Nitrobenzene-d5	9.069	82	277675	85.767	ng	-0.01
42) 2,4,6-Tribromophenol	16.027	330	195716	127.780	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	803766	90.807	ng	0.00
79) Terphenyl-d14	19.898	244	894987	112.387	ng	0.00
Target Compounds						
77) Benzdine	19.533	184	87	3.133	ng	Qvalue # 68

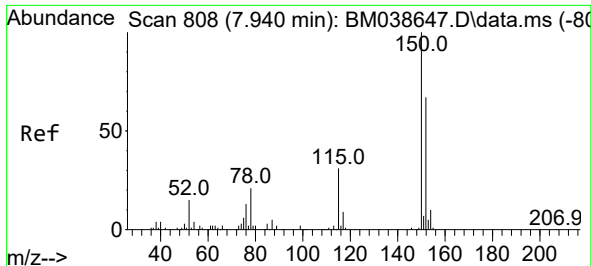
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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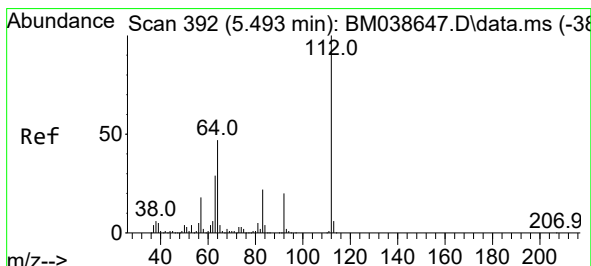
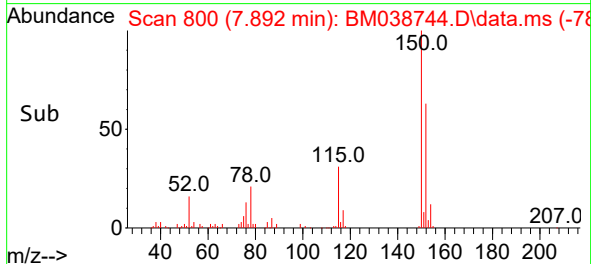
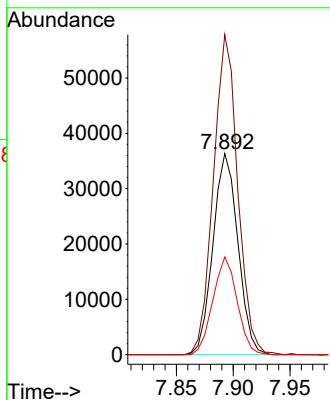
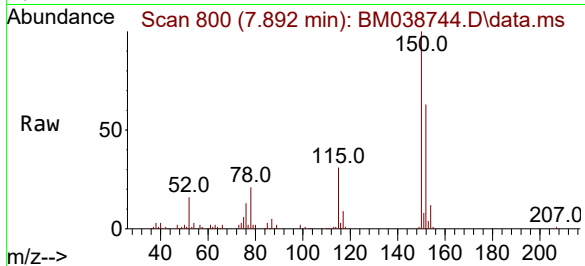




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.892 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038744.D
Acq: 15 Feb 2023 12:10

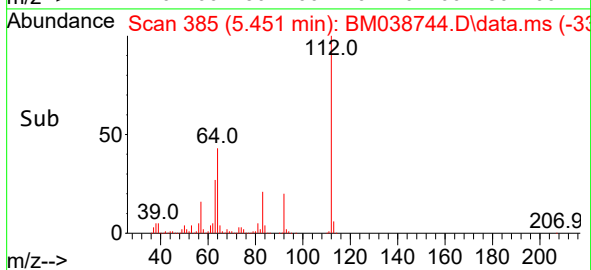
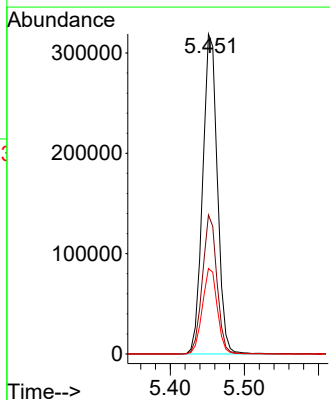
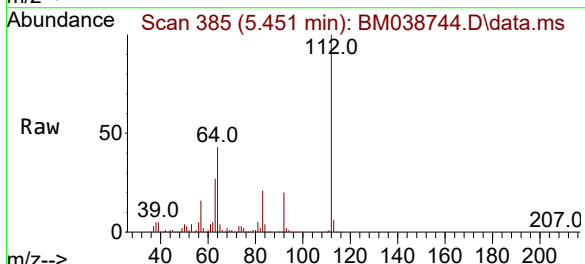
Instrument :
BNA_M
ClientSampleId :
PB150790BL

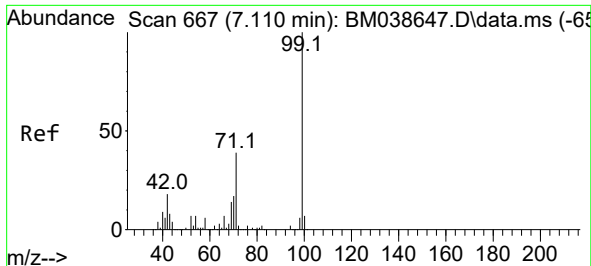
Tgt Ion:152 Resp: 55480
Ion Ratio Lower Upper
152 100
150 159.1 119.5 179.3
115 48.6 37.6 56.4



#5
2-Fluorophenol
Concen: 155.319 ng
RT: 5.451 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM038744.D
Acq: 15 Feb 2023 12:10

Tgt Ion:112 Resp: 439893
Ion Ratio Lower Upper
112 100
64 43.4 37.9 56.9
63 26.7 23.3 34.9

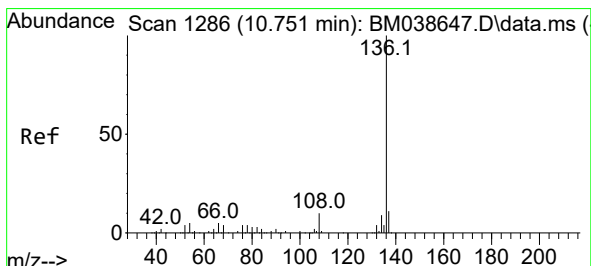
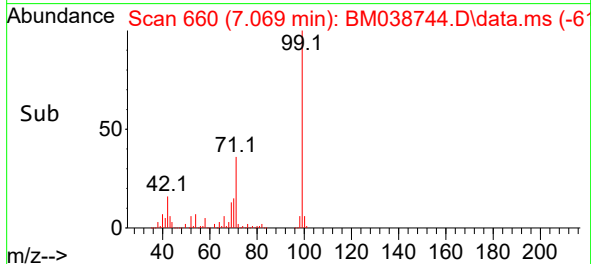
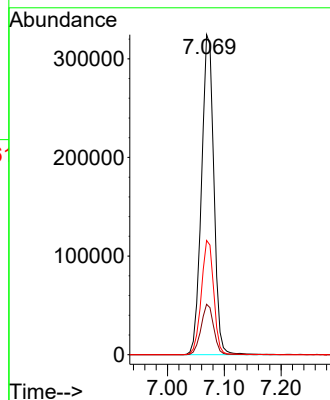
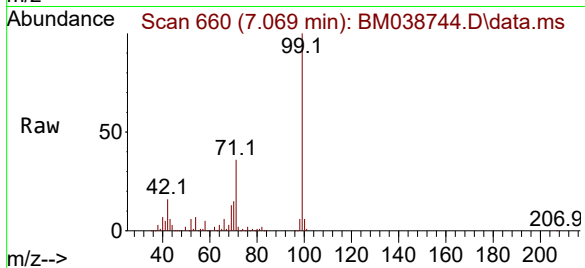




#7
Phenol-d6
Concen: 151.988 ng
RT: 7.069 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM038744.D
Acq: 15 Feb 2023 12:10

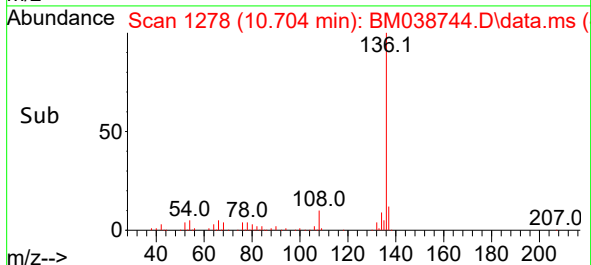
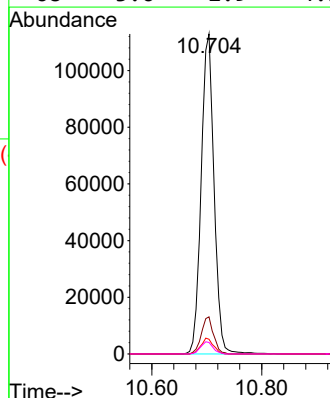
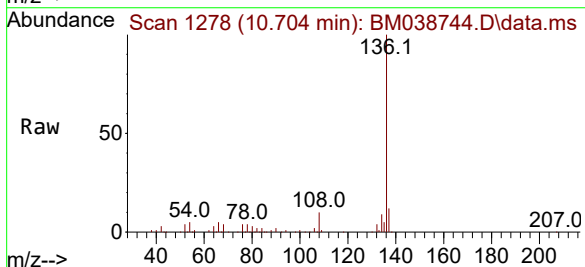
Instrument :
BNA_M
ClientSampleId :
PB150790BL

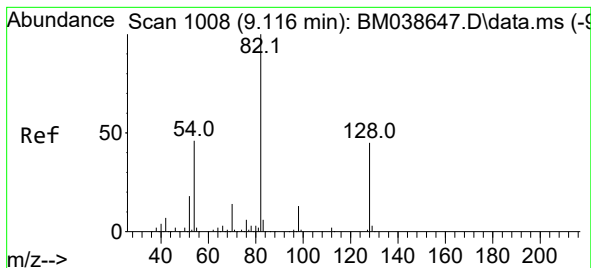
Tgt Ion: 99 Resp: 490950
Ion Ratio Lower Upper
99 100
42 15.8 14.6 22.0
71 35.7 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM038744.D
Acq: 15 Feb 2023 12:10

Tgt Ion: 136 Resp: 183895
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 4.6 4.2 6.4
68 3.6 2.9 4.3

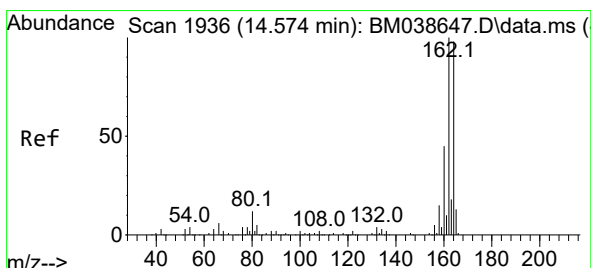
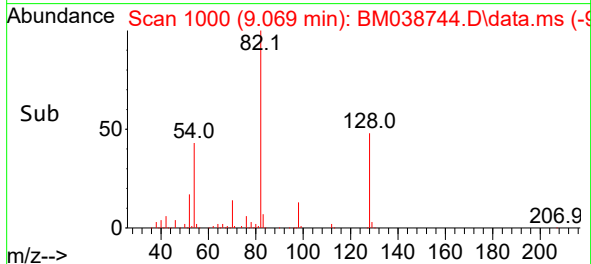
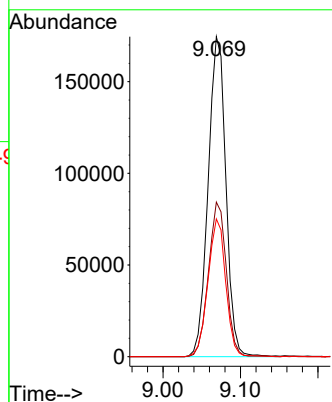
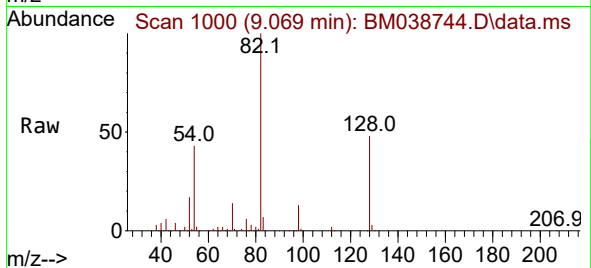




#23
Nitrobenzene-d5
Concen: 85.767 ng
RT: 9.069 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM038744.D
Acq: 15 Feb 2023 12:10

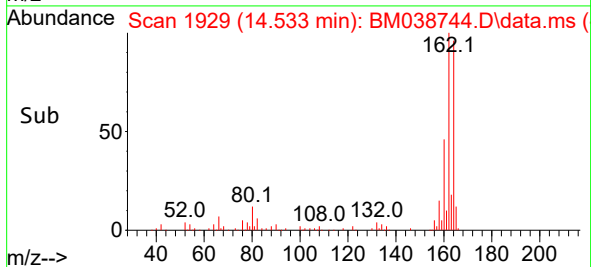
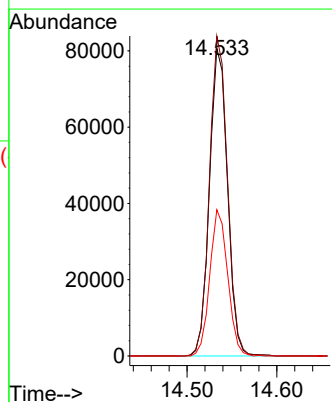
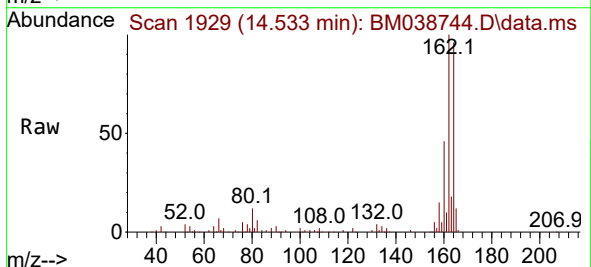
Instrument :
BNA_M
ClientSampleId :
PB150790BL

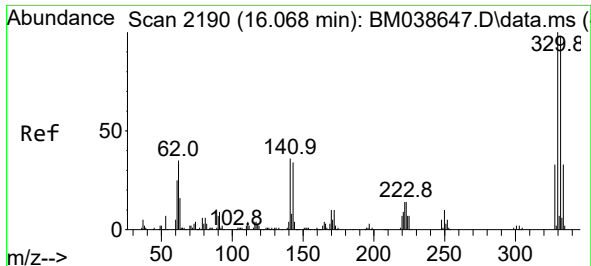
Tgt Ion: 82 Resp: 277675
Ion Ratio Lower Upper
82 100
128 48.3 36.0 54.0
54 43.0 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BM038744.D
Acq: 15 Feb 2023 12:10

Tgt Ion: 164 Resp: 112687
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 47.6 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 127.780 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038744.D

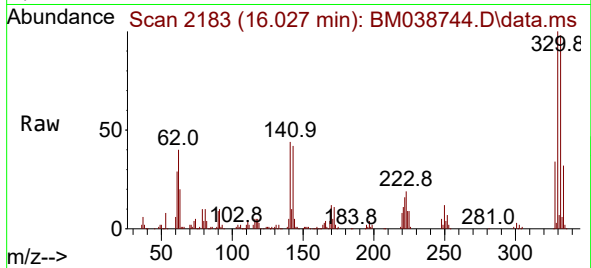
Acq: 15 Feb 2023 12:10

Instrument :

BNA_M

ClientSampleId :

PB150790BL



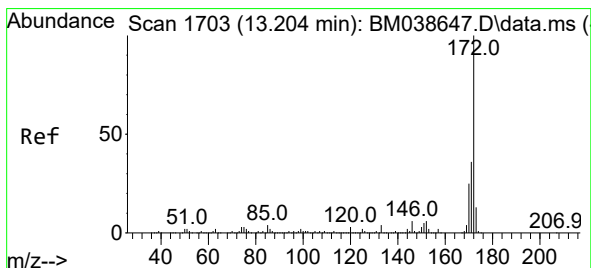
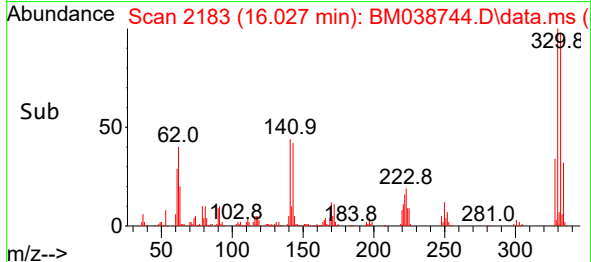
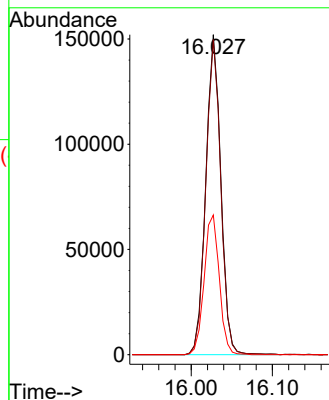
Tgt Ion:330 Resp: 195716

Ion Ratio Lower Upper

330 100

332 97.6 77.8 116.6

141 43.9 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 90.807 ng

RT: 13.163 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BM038744.D

Acq: 15 Feb 2023 12:10

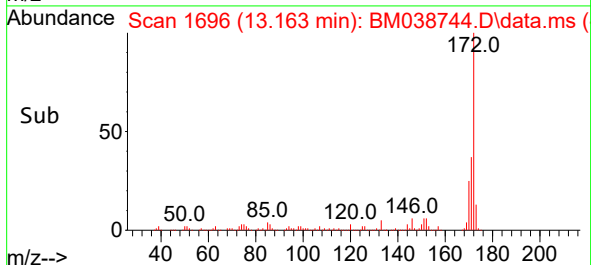
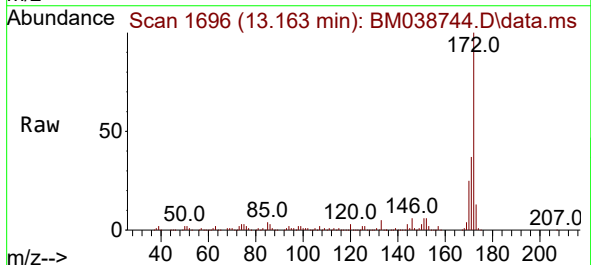
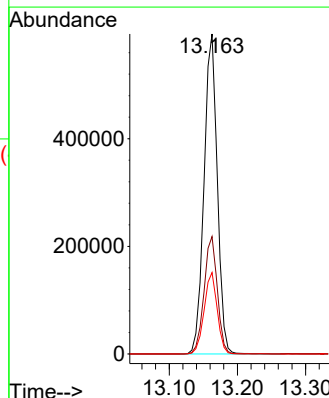
Tgt Ion:172 Resp: 803766

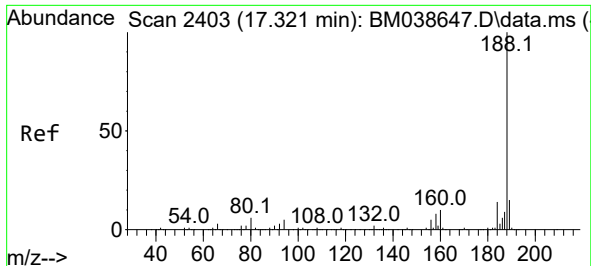
Ion Ratio Lower Upper

172 100

171 36.7 28.7 43.1

170 25.5 20.0 30.0

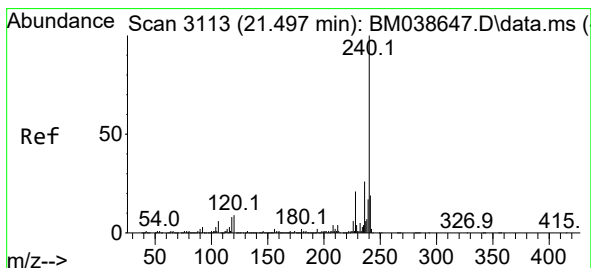
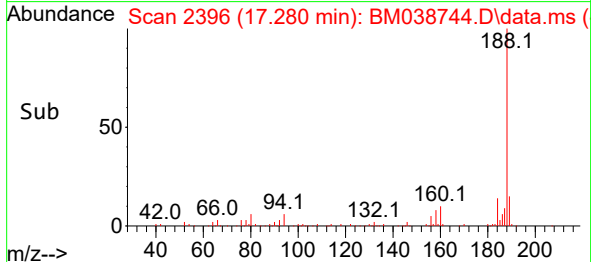
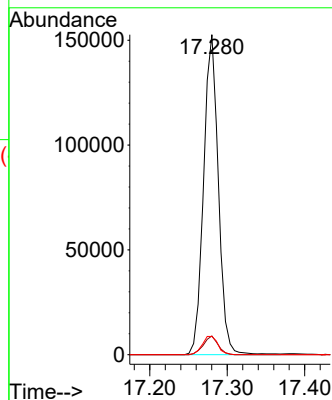
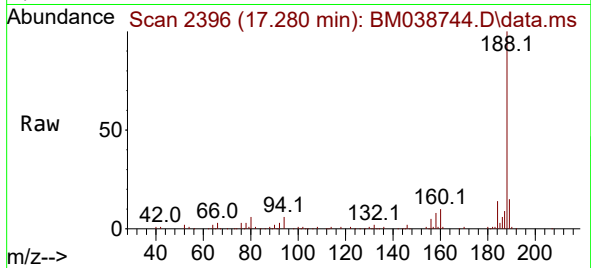




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038744.D
Acq: 15 Feb 2023 12:10

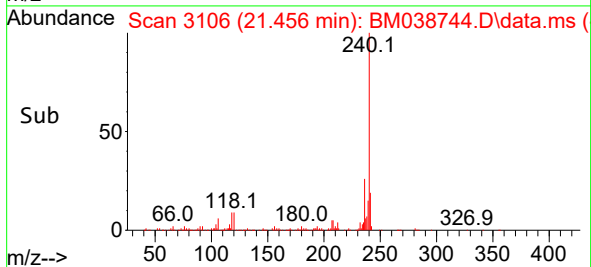
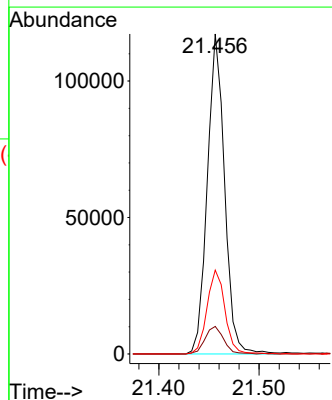
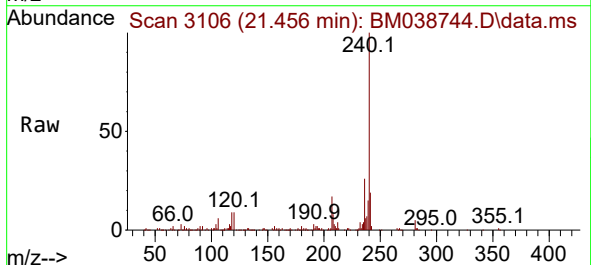
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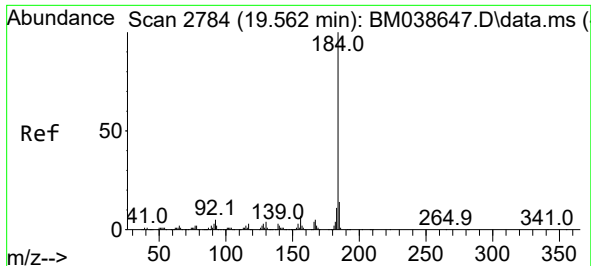
Tgt Ion:188 Resp: 202036
Ion Ratio Lower Upper
188 100
94 5.8 4.2 6.4
80 5.7 4.6 7.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM038744.D
Acq: 15 Feb 2023 12:10

Tgt Ion:240 Resp: 140528
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.4
236 26.2 20.9 31.3

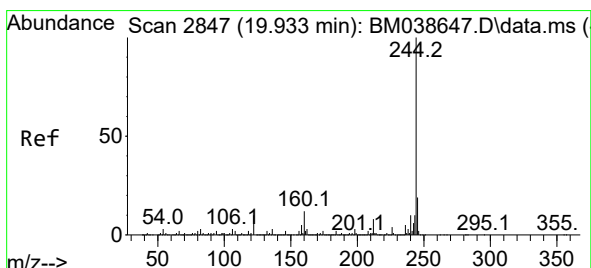
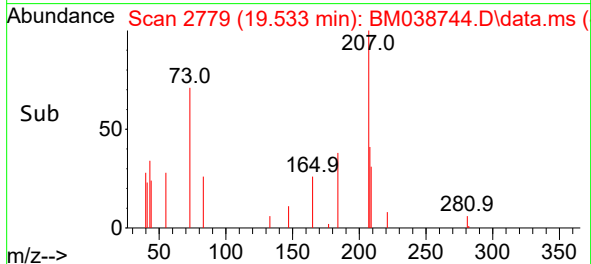
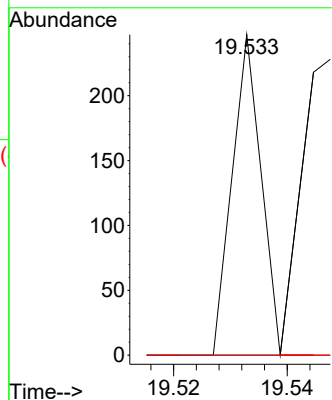
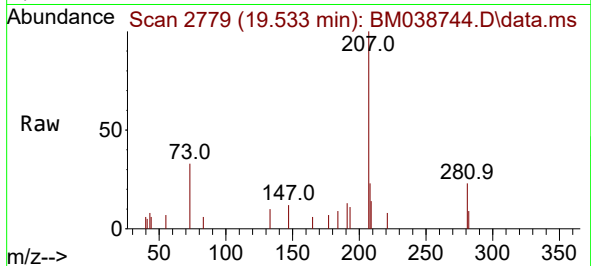




#77
Benzidine
Concen: 3.133 ng
RT: 19.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038744.D
Acq: 15 Feb 2023 12:10

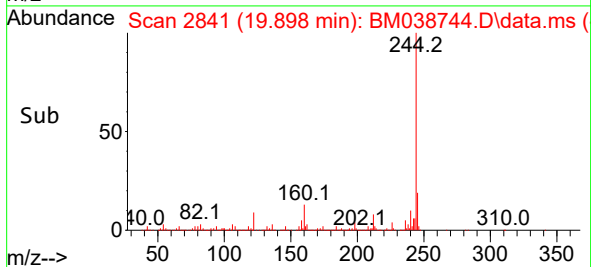
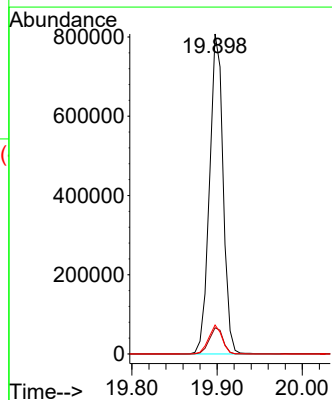
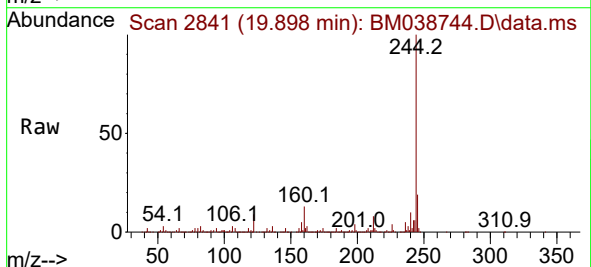
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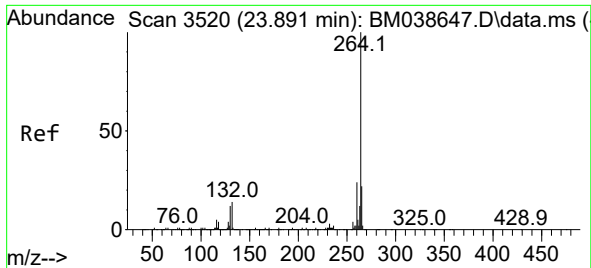
Tgt Ion:184 Resp: 87
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 112.387 ng
RT: 19.898 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BM038744.D
Acq: 15 Feb 2023 12:10

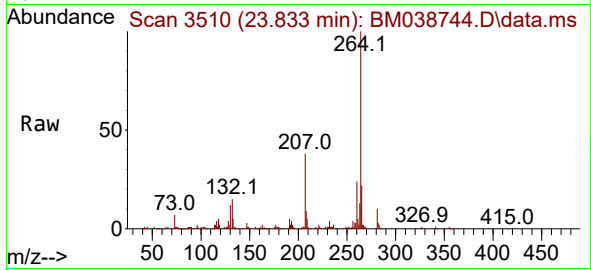
Tgt Ion:244 Resp: 894987
Ion Ratio Lower Upper
244 100
212 8.2 6.6 9.8
122 9.1 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.833 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM038744.D
 Acq: 15 Feb 2023 12:10

Instrument :
 BNA_M
 ClientSampleId :
 PB150790BL



Tgt Ion:264 Resp: 178121
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.6 17.9 26.9

