

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
 Data File : BM038725.D
 Acq On : 14 Feb 2023 11:37
 Operator : CG/JU
 Sample : PB150810BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150810BL

Quant Time: Feb 14 15:51:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 15:49:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	45596	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	148185	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	85475	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	148129	20.000	ng	0.00
76) Chrysene-d12	21.463	240	104754	20.000	ng	0.00
86) Perylene-d12	23.839	264	139876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	359411	154.411	ng	0.00
7) Phenol-d6	7.075	99	398892	150.258	ng	0.00
23) Nitrobenzene-d5	9.075	82	224188	85.933	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	132824	114.327	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	599129	89.237	ng	0.00
79) Terphenyl-d14	19.904	244	590293	99.440	ng	0.00

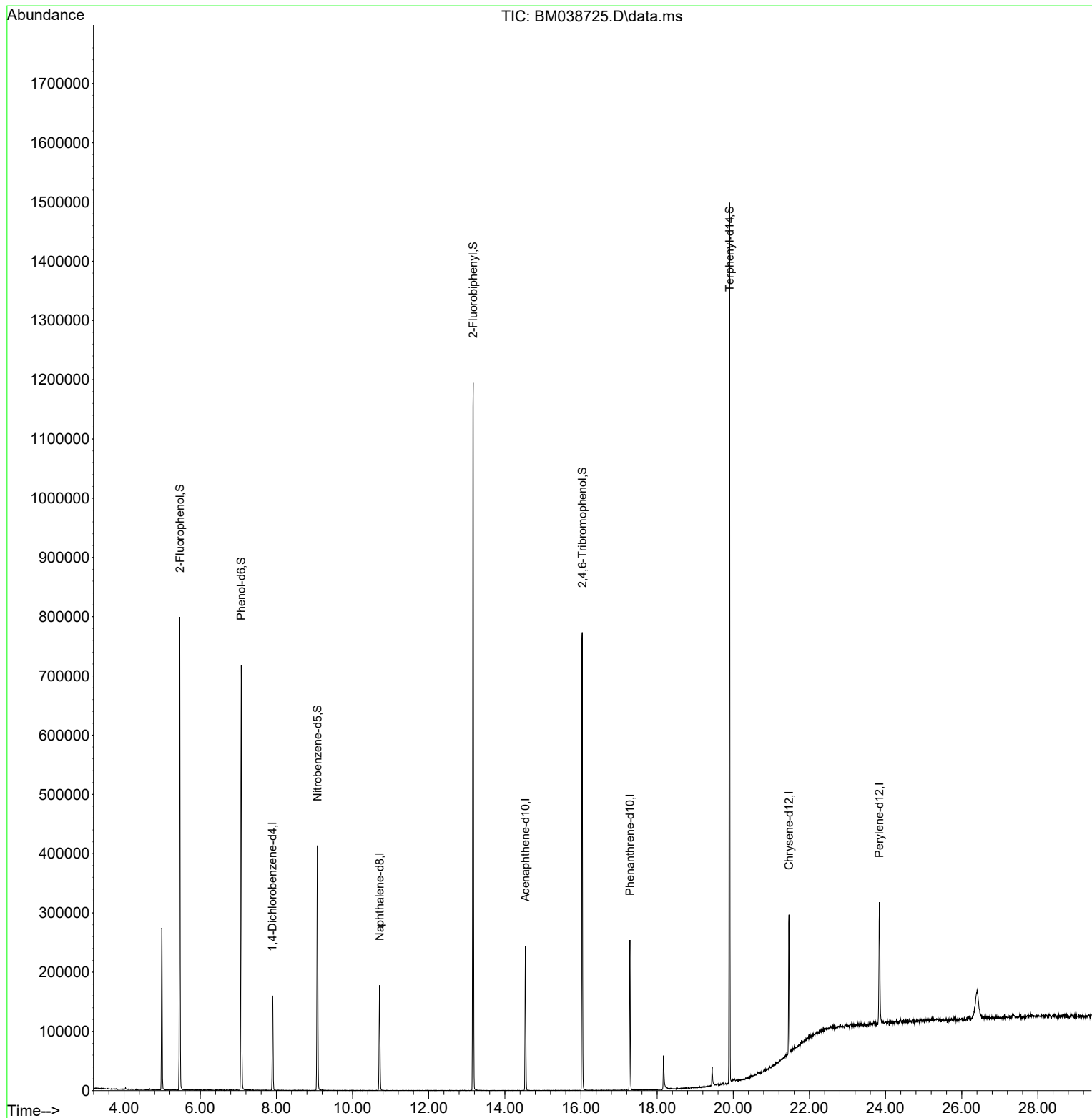
Target Compounds	Qvalue

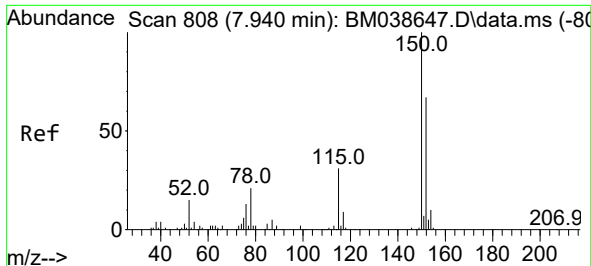
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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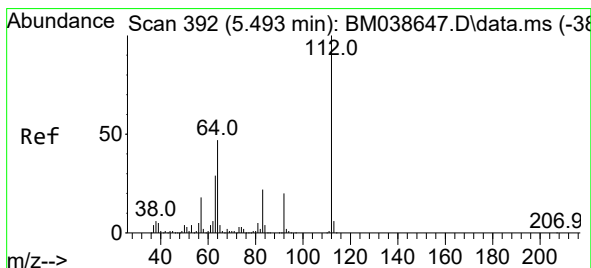
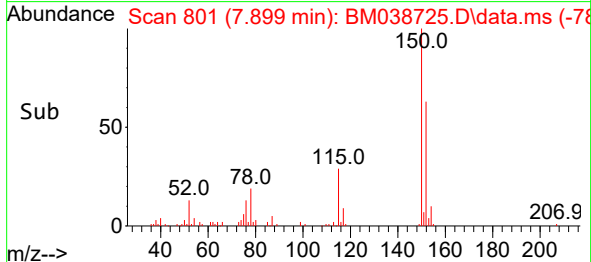
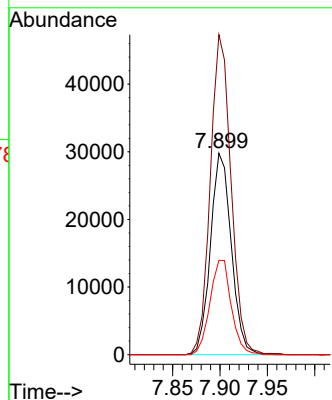
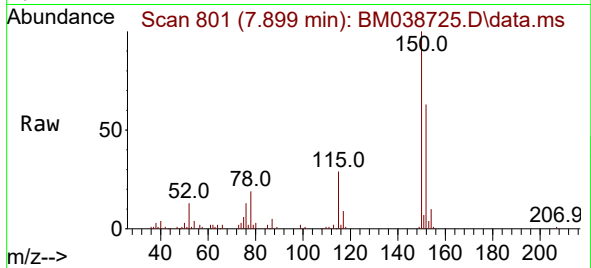




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 80
Delta R.T. 0.001 min
Lab File: BM038725.D
Acq: 14 Feb 2023 11:37

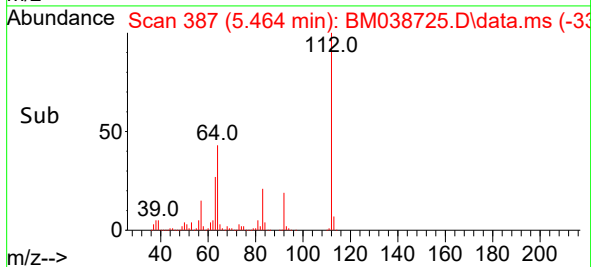
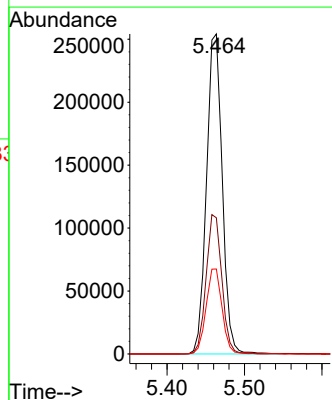
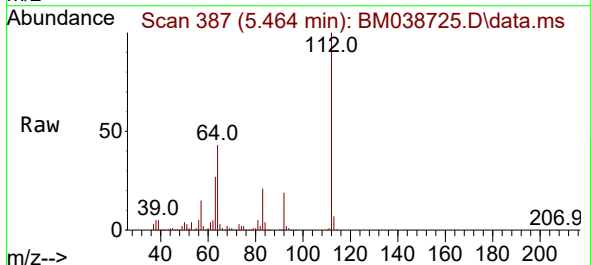
Instrument :
BNA_M
ClientSampleId :
PB150810BL

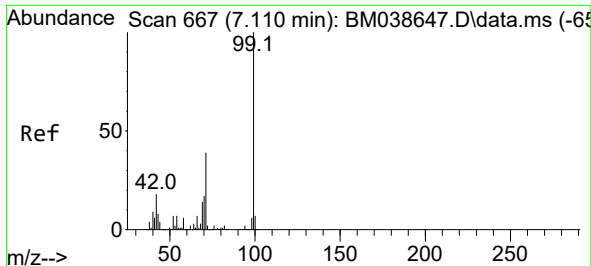
Tgt Ion:152 Resp: 45596
Ion Ratio Lower Upper
152 100
150 158.8 119.5 179.3
115 46.8 37.6 56.4



#5
2-Fluorophenol
Concen: 154.411 ng
RT: 5.464 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM038725.D
Acq: 14 Feb 2023 11:37

Tgt Ion:112 Resp: 359411
Ion Ratio Lower Upper
112 100
64 42.6 37.9 56.9
63 26.6 23.3 34.9

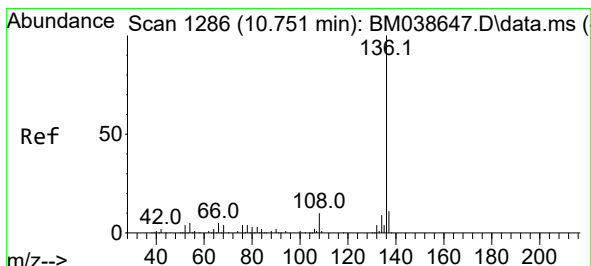
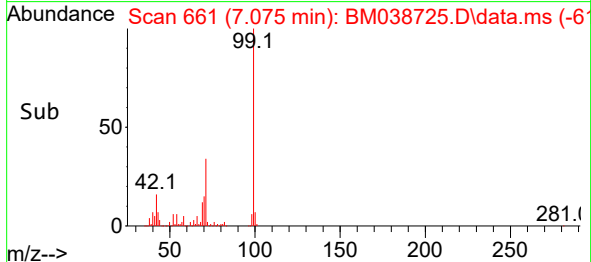
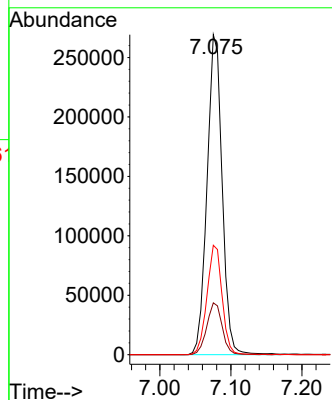
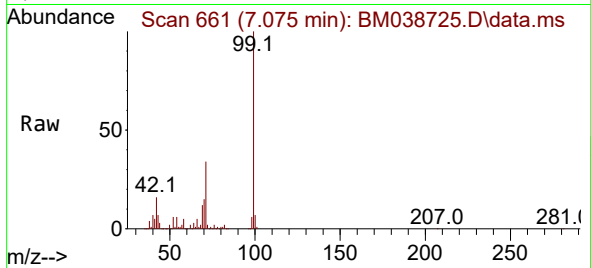




#7
Phenol-d6
Concen: 150.258 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM038725.D
Acq: 14 Feb 2023 11:37

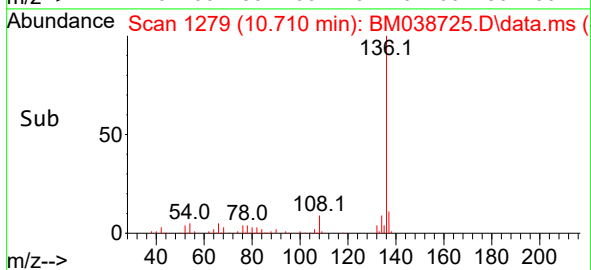
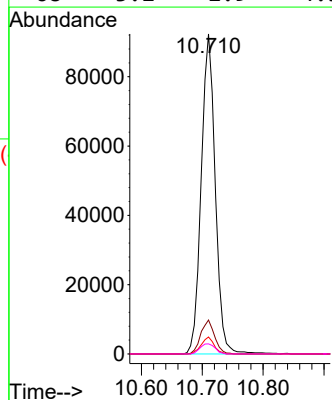
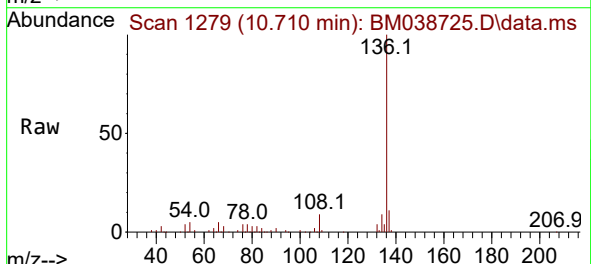
Instrument :
BNA_M
ClientSampleId :
PB150810BL

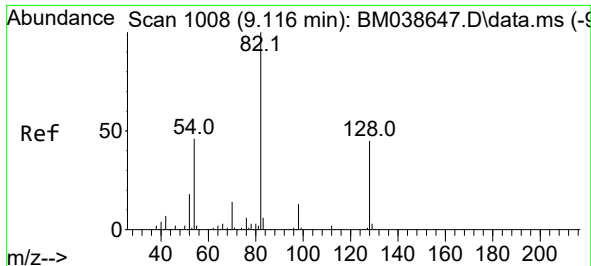
Tgt Ion: 99 Resp: 398892
Ion Ratio Lower Upper
99 100
42 16.2 14.6 22.0
71 34.2 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BM038725.D
Acq: 14 Feb 2023 11:37

Tgt Ion: 136 Resp: 148185
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 5.3 4.2 6.4
68 3.2 2.9 4.3

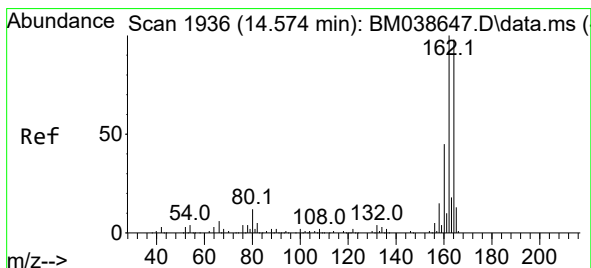
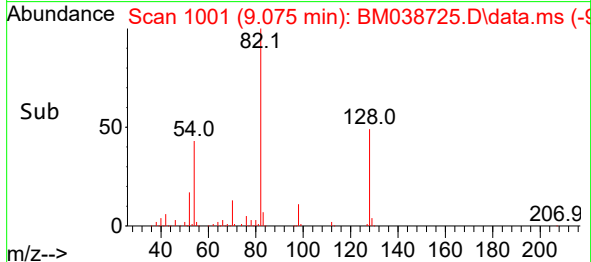
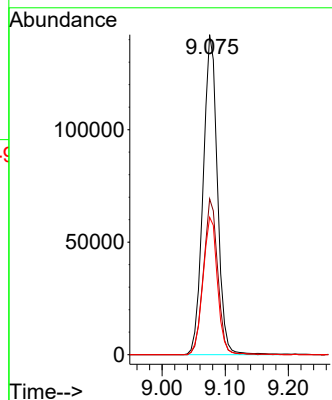
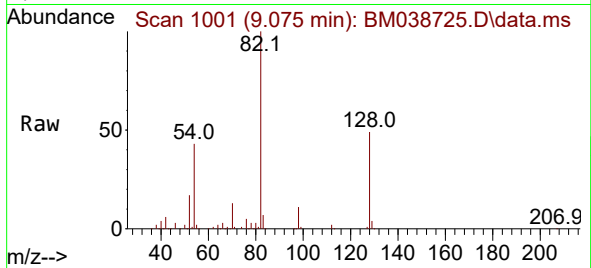




#23
Nitrobenzene-d5
Concen: 85.933 ng
RT: 9.075 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BM038725.D
Acq: 14 Feb 2023 11:37

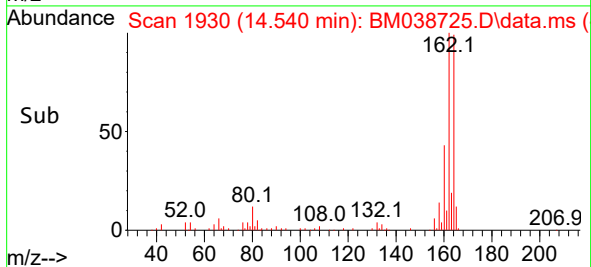
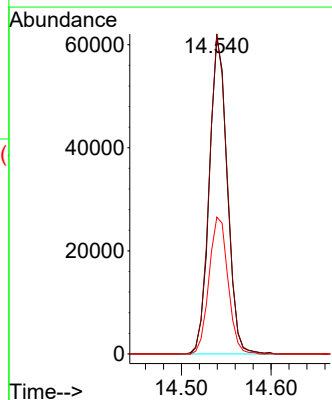
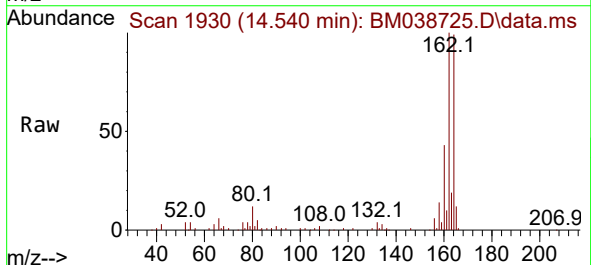
Instrument :
BNA_M
ClientSampleId :
PB150810BL

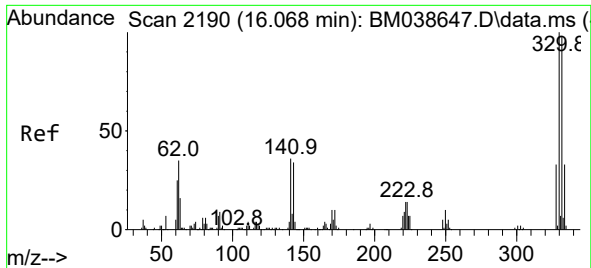
Tgt Ion: 82 Resp: 224188
Ion Ratio Lower Upper
82 100
128 48.7 36.0 54.0
54 43.0 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BM038725.D
Acq: 14 Feb 2023 11:37

Tgt Ion: 164 Resp: 85475
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 43.2 36.5 54.7

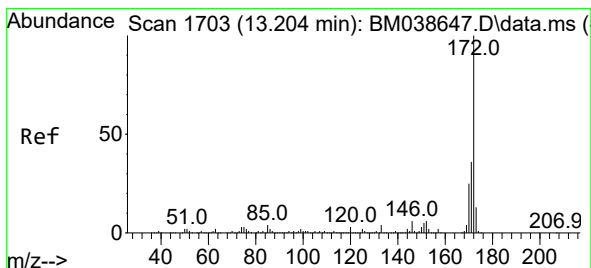
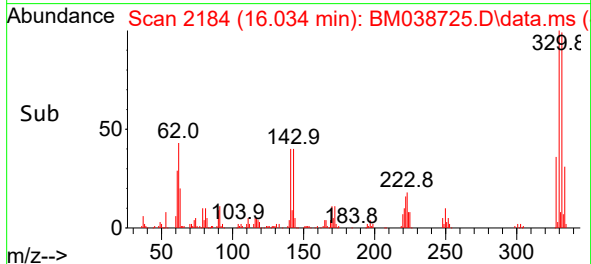
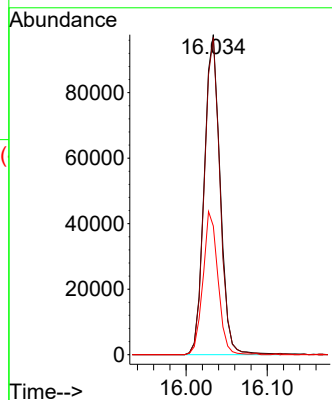
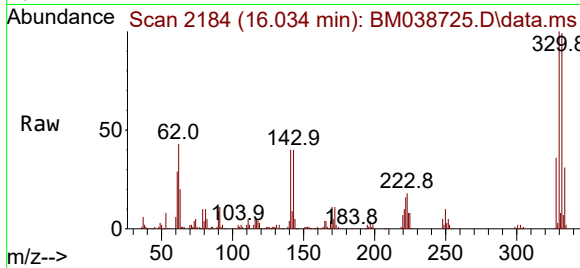




#42
2,4,6-Tribromophenol
Concen: 114.327 ng
RT: 16.034 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM038725.D
Acq: 14 Feb 2023 11:37

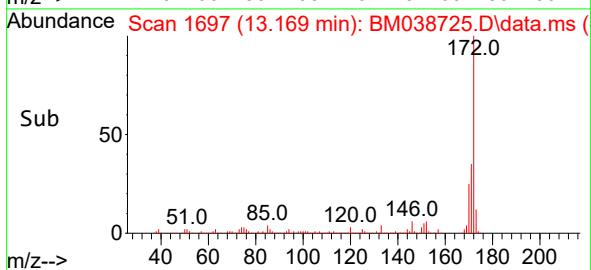
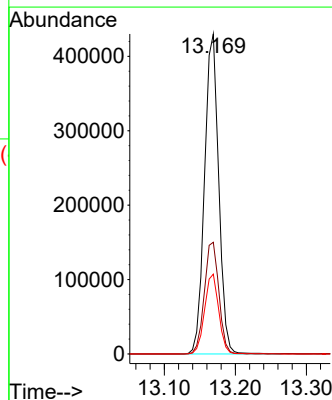
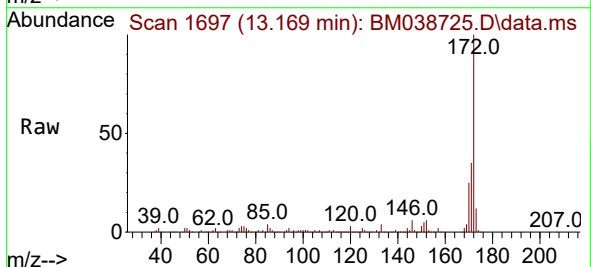
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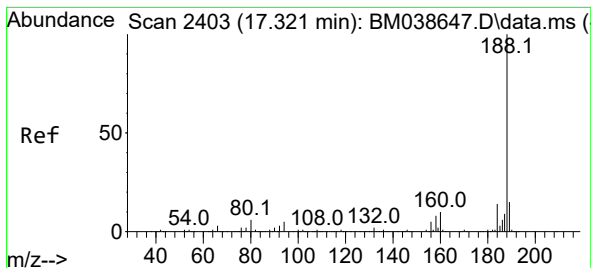
Tgt Ion:330 Resp: 132824
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.6
141 42.1 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 89.237 ng
RT: 13.169 min Scan# 1697
Delta R.T. 0.001 min
Lab File: BM038725.D
Acq: 14 Feb 2023 11:37

Tgt Ion:172 Resp: 599129
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 24.9 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038725.D

Acq: 14 Feb 2023 11:37

Instrument :

BNA_M

ClientSampleId :

PB150810BL

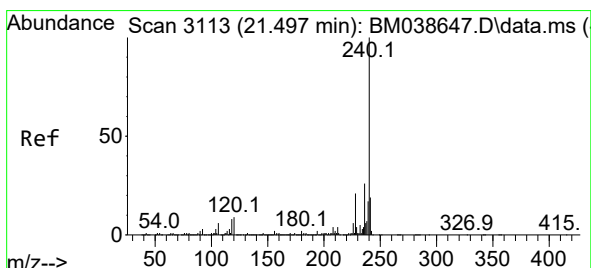
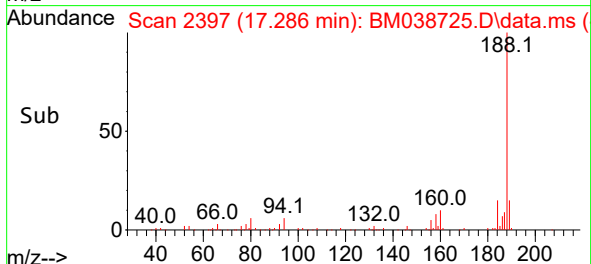
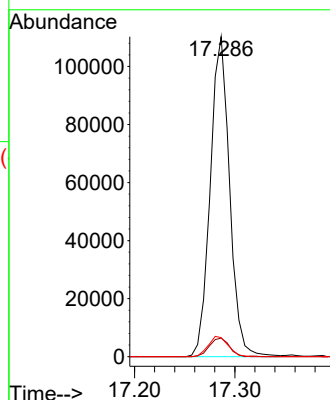
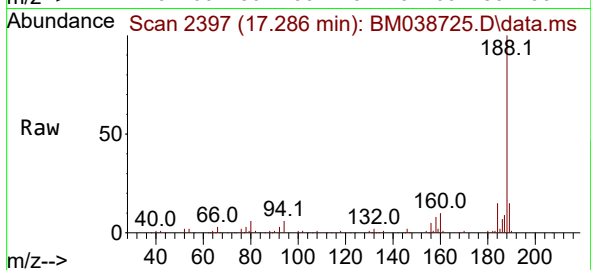
Tgt Ion:188 Resp: 148129

Ion Ratio Lower Upper

188 100

94 5.8 4.2 6.4

80 5.9 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.463 min Scan# 3107

Delta R.T. 0.001 min

Lab File: BM038725.D

Acq: 14 Feb 2023 11:37

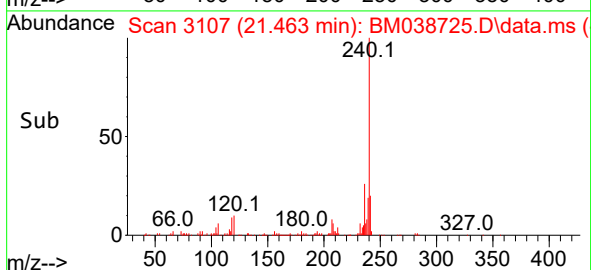
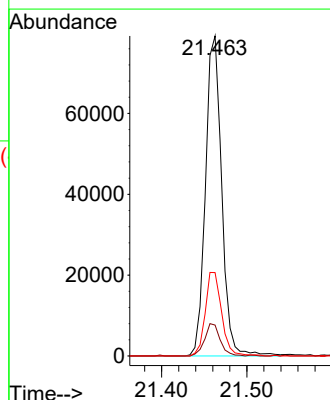
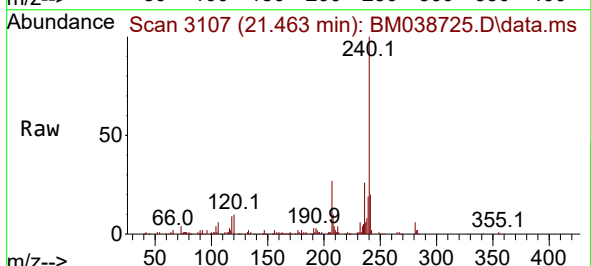
Tgt Ion:240 Resp: 104754

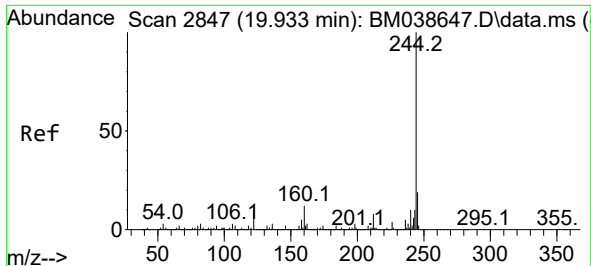
Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.4

236 26.1 20.9 31.3

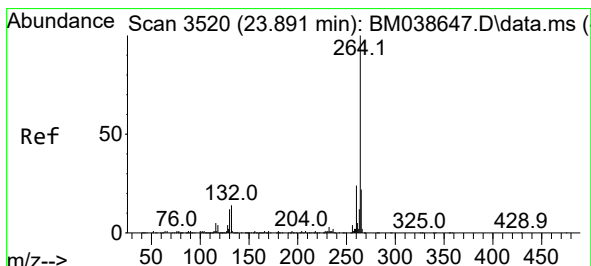
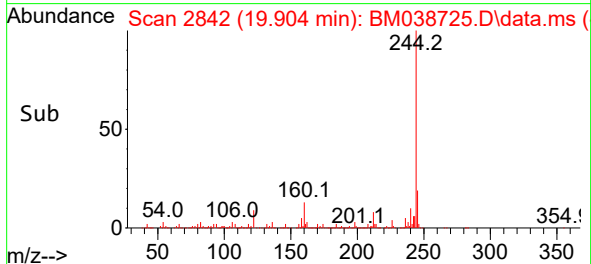
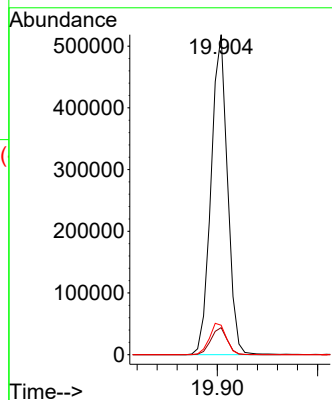
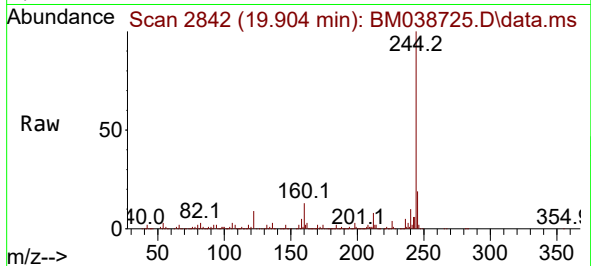




#79
 Terphenyl-d14
 Concen: 99.440 ng
 RT: 19.904 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038725.D
 Acq: 14 Feb 2023 11:37

Instrument :
 BNA_M
 ClientSampleId :
 PB150810BL

Tgt Ion:244 Resp: 590293
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 9.8
 122 9.2 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: BM038725.D
 Acq: 14 Feb 2023 11:37

Tgt Ion:264 Resp: 139876
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.8 17.9 26.9

