

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
 Data File : BM038729.D
 Acq On : 14 Feb 2023 14:26
 Operator : CG/JU
 Sample : 01328-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3-BORING-1-14-23

Quant Time: Feb 14 16:07:20 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	7.898	152	48617	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	161165	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	101015	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	205849	20.000	ng	0.00
76) Chrysene-d12	21.462	240	198831	20.000	ng	0.00
86) Perylene-d12	23.844	264	269626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	289878	116.800	ng	0.00
7) Phenol-d6	7.075	99	331482	117.106	ng	0.00
23) Nitrobenzene-d5	9.075	82	191117	67.357	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	142711	103.940	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	483870	60.982	ng	0.00
79) Terphenyl-d14	19.903	244	637956	56.620	ng	0.00

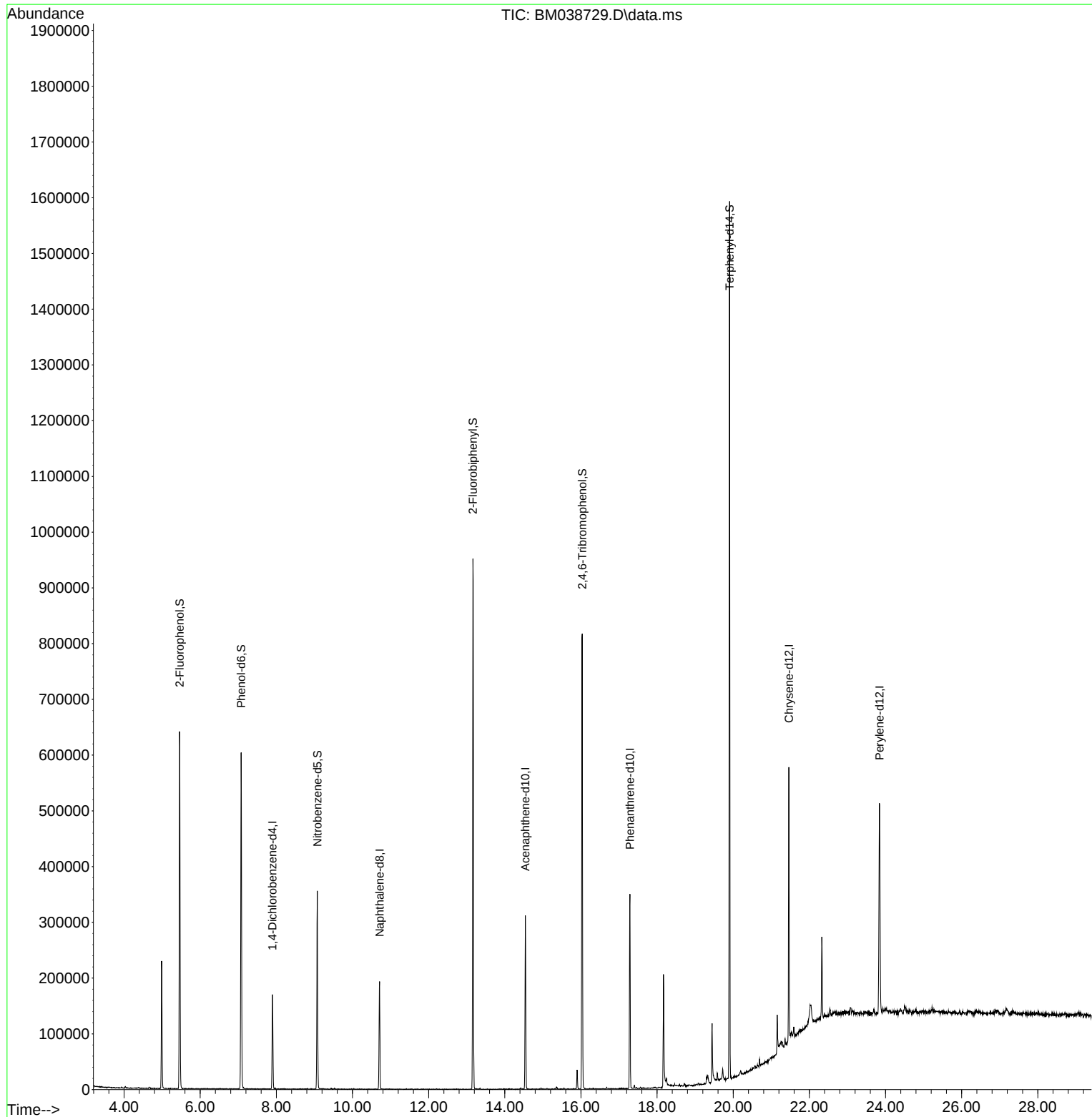
Target Compounds	Qvalue

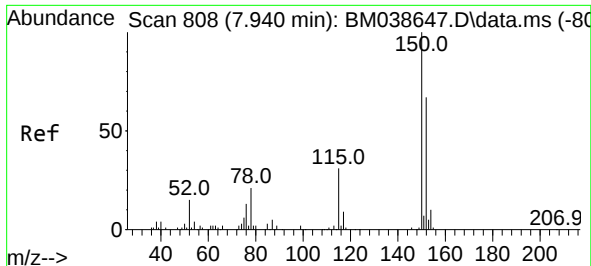
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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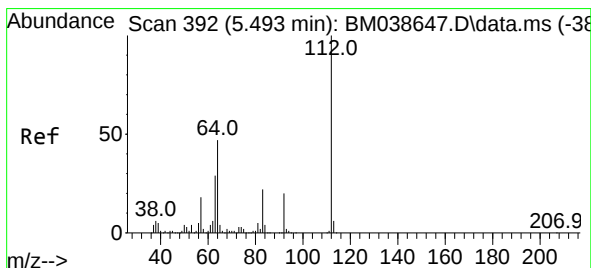
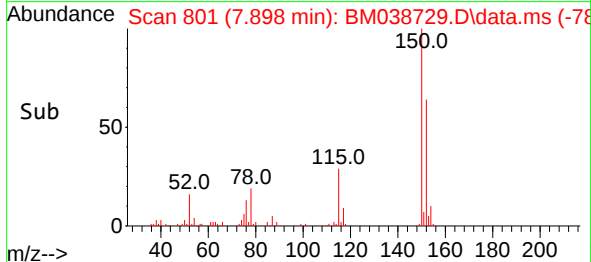
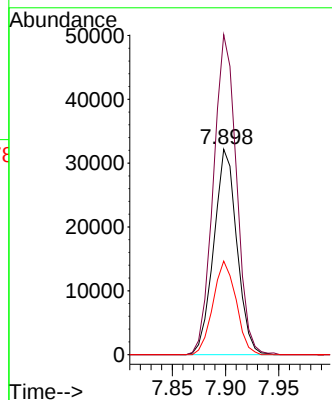
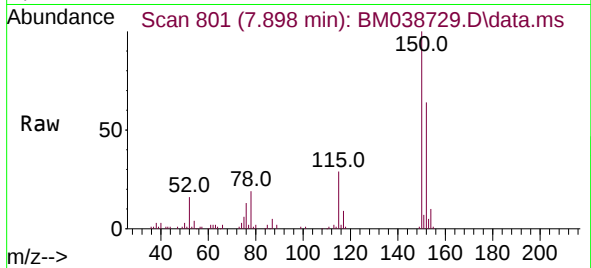




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM038729.D
Acq: 14 Feb 2023 14:26

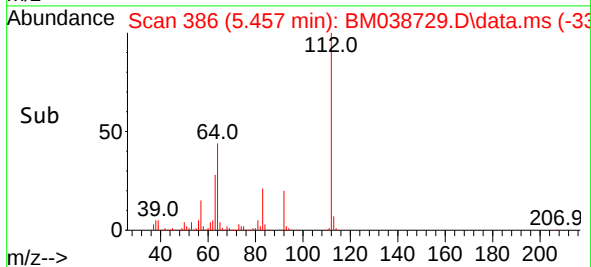
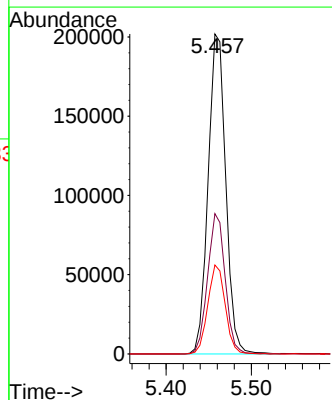
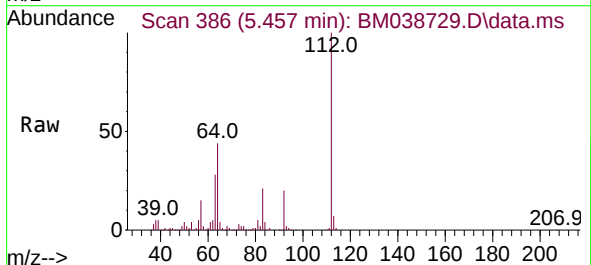
Instrument :
BNA_M
ClientSampleId :
COMP-3-BORING-1-14-23

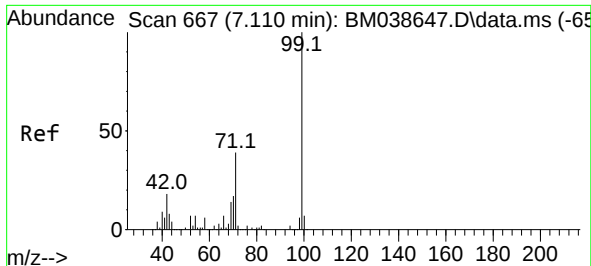
Tgt Ion:152 Resp: 48617
Ion Ratio Lower Upper
152 100
150 155.9 119.5 179.3
115 45.5 37.6 56.4



#5
2-Fluorophenol
Concen: 116.800 ng
RT: 5.457 min Scan# 386
Delta R.T. 0.000 min
Lab File: BM038729.D
Acq: 14 Feb 2023 14:26

Tgt Ion:112 Resp: 289878
Ion Ratio Lower Upper
112 100
64 43.8 37.9 56.9
63 27.8 23.3 34.9

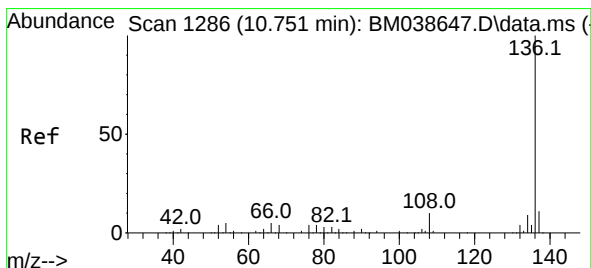
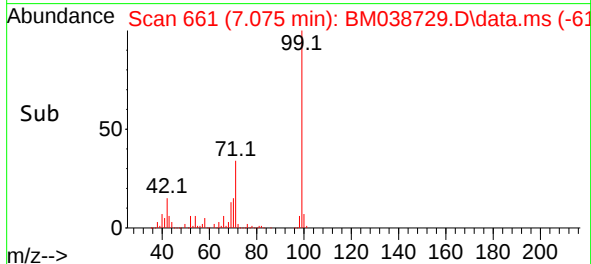
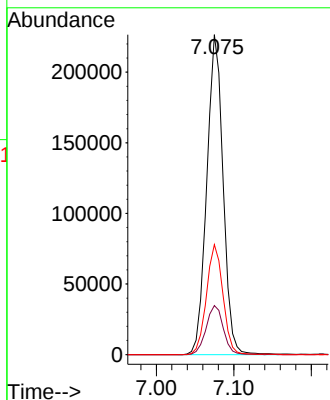
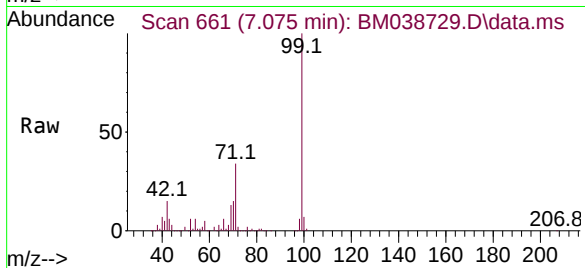




#7
Phenol-d6
Concen: 117.106 ng
RT: 7.075 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM038729.D
Acq: 14 Feb 2023 14:26

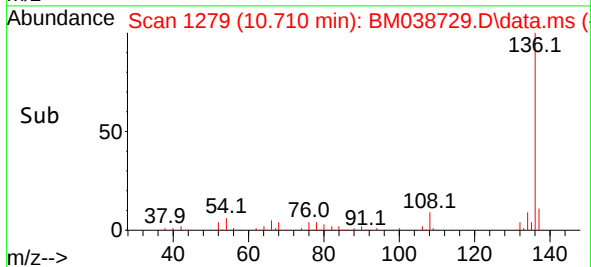
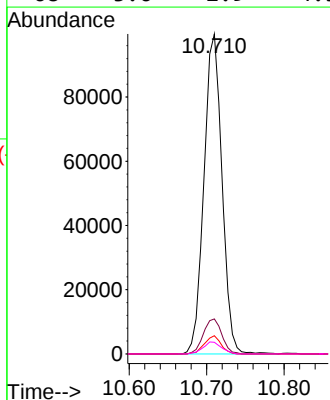
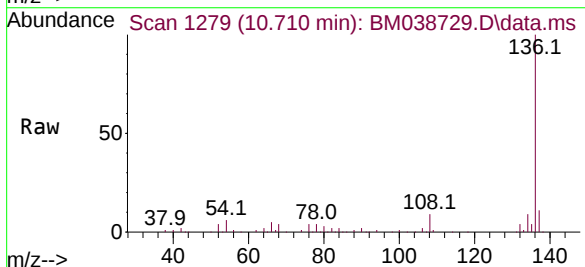
Instrument :
BNA_M
ClientSampleId :
COMP-3-BORING-1-14-23

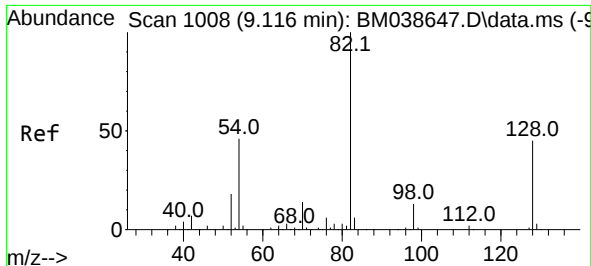
Tgt Ion: 99 Resp: 331482
Ion Ratio Lower Upper
99 100
42 15.3 14.6 22.0
71 34.4 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BM038729.D
Acq: 14 Feb 2023 14:26

Tgt Ion: 136 Resp: 161165
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.7 4.2 6.4
68 3.6 2.9 4.3

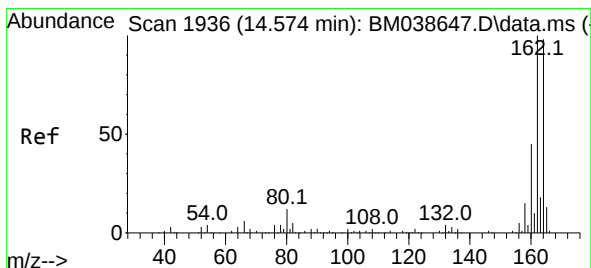
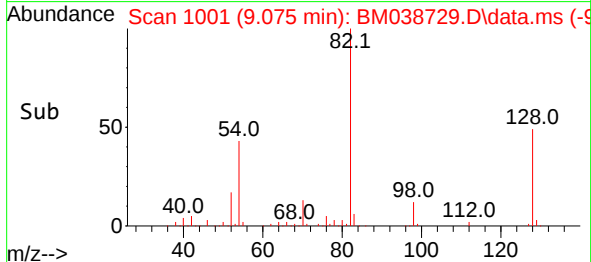
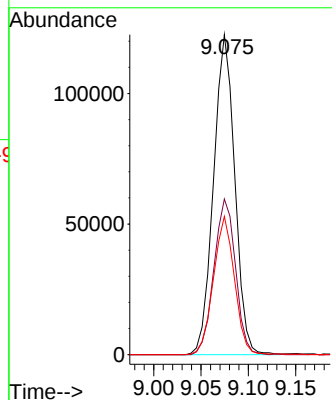
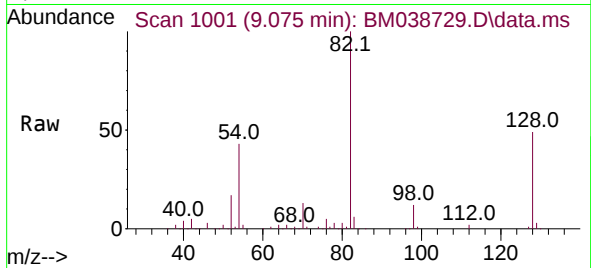




#23
Nitrobenzene-d5
Concen: 67.357 ng
RT: 9.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM038729.D
Acq: 14 Feb 2023 14:26

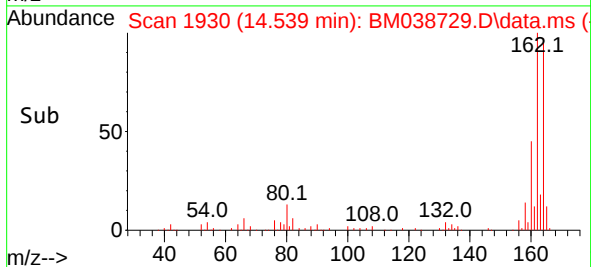
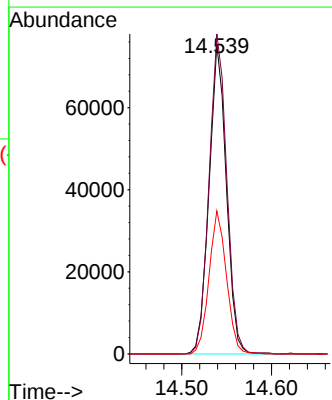
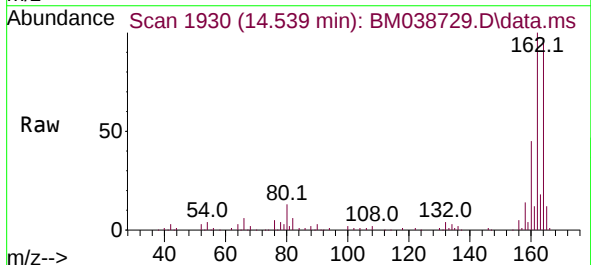
Instrument :
BNA_M
ClientSampleId :
COMP-3-BORING-1-14-23

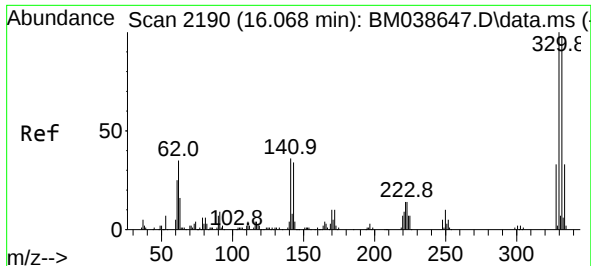
Tgt Ion: 82 Resp: 191117
Ion Ratio Lower Upper
82 100
128 48.6 36.0 54.0
54 43.2 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM038729.D
Acq: 14 Feb 2023 14:26

Tgt Ion: 164 Resp: 101015
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.0
160 46.2 36.5 54.7

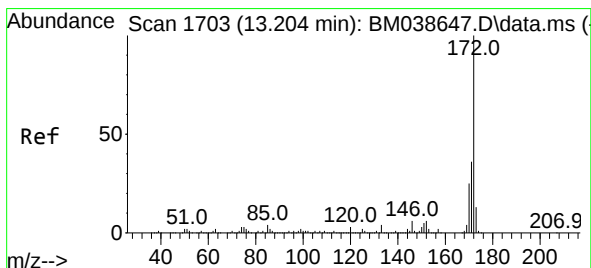
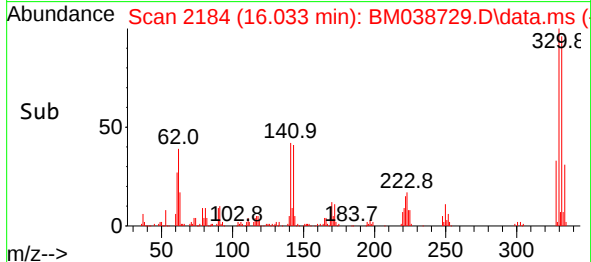
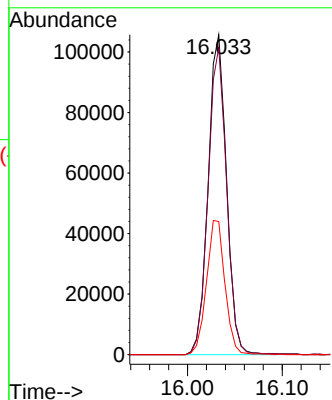
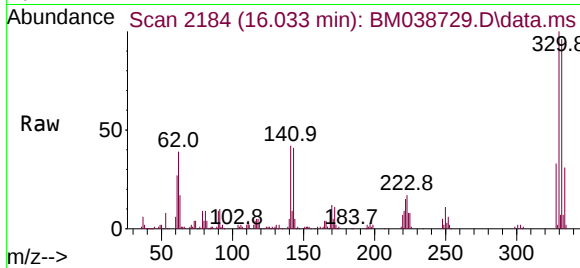




#42
2,4,6-Tribromophenol
Concen: 103.940 ng
RT: 16.033 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BM038729.D
Acq: 14 Feb 2023 14:26

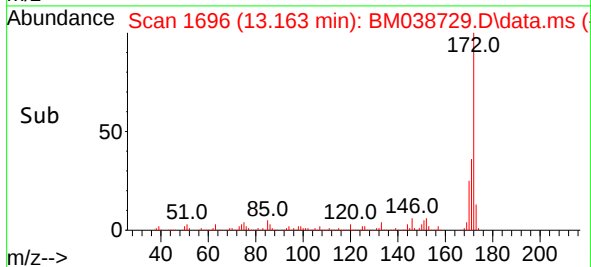
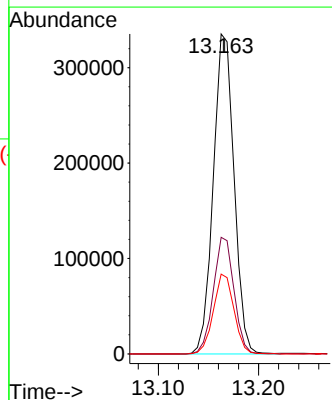
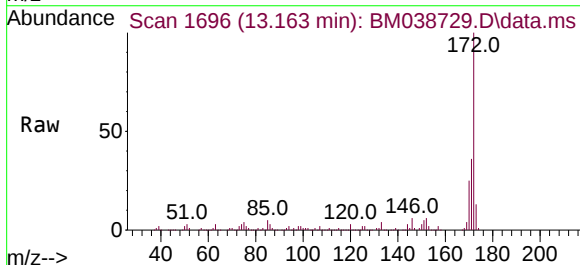
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COMP-3-BORING-1-14-23

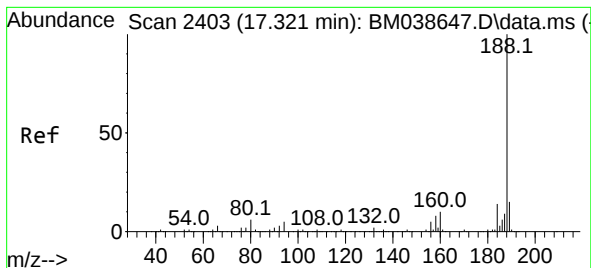
Tgt Ion:330 Resp: 142711
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 42.3 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 60.982 ng
RT: 13.163 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM038729.D
Acq: 14 Feb 2023 14:26

Tgt Ion:172 Resp: 483870
Ion Ratio Lower Upper
172 100
171 36.5 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: BM038729.D

Acq: 14 Feb 2023 14:26

Instrument :

BNA_M

ClientSampleId :

COMP-3-BORING-1-14-23

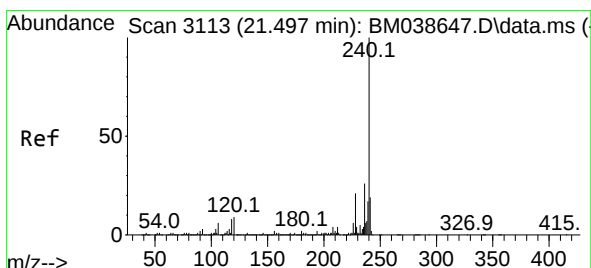
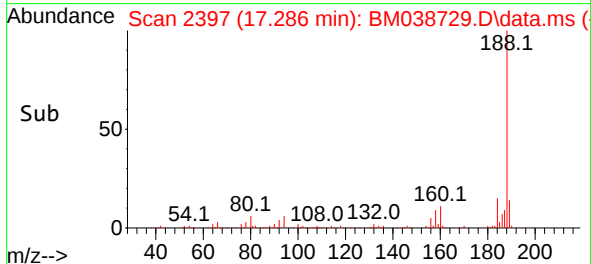
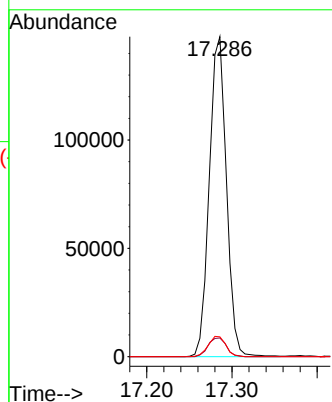
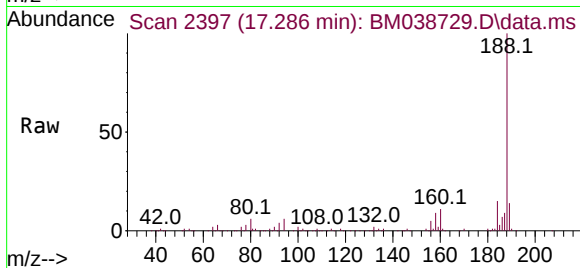
Tgt Ion:188 Resp: 205849

Ion Ratio Lower Upper

188 100

94 5.8 4.2 6.4

80 6.2 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BM038729.D

Acq: 14 Feb 2023 14:26

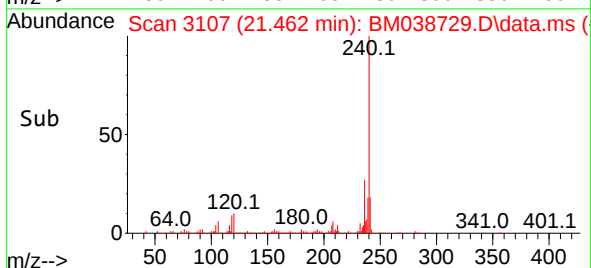
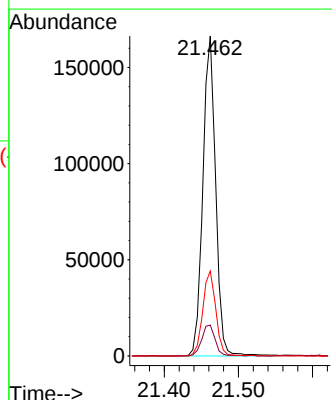
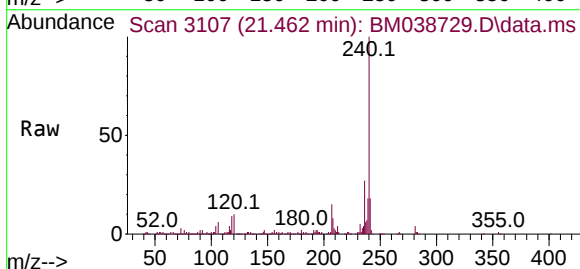
Tgt Ion:240 Resp: 198831

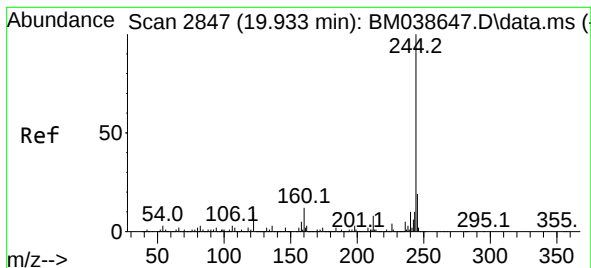
Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.4

236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 56.620 ng

RT: 19.903 min Scan# 2842

Delta R.T. 0.000 min

Lab File: BM038729.D

Acq: 14 Feb 2023 14:26

Instrument :

BNA_M

ClientSampleId :

COMP-3-BORING-1-14-23

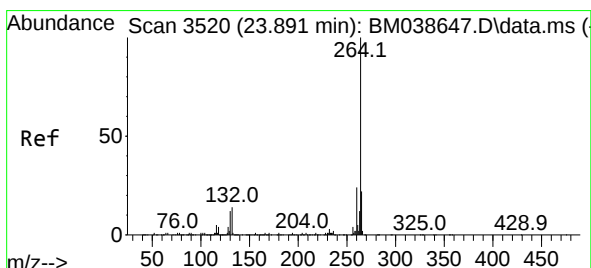
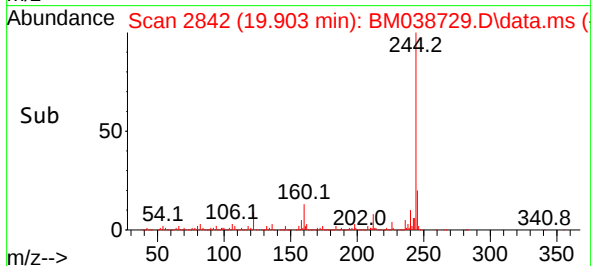
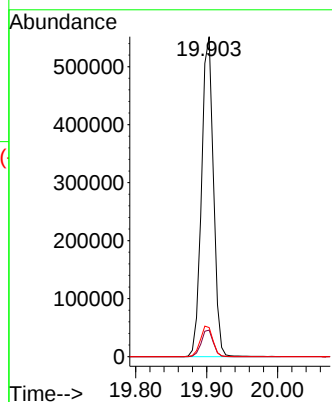
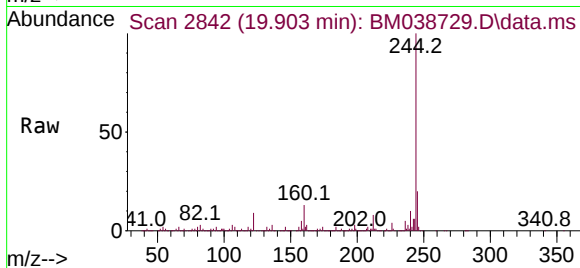
Tgt Ion:244 Resp: 637956

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

122 9.1 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.844 min Scan# 3512

Delta R.T. 0.006 min

Lab File: BM038729.D

Acq: 14 Feb 2023 14:26

Tgt Ion:264 Resp: 269626

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 22.4 17.9 26.9

