

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
 Data File : BM038733.D
 Acq On : 14 Feb 2023 16:55
 Operator : CG/JU
 Sample : 01329-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-8-BORING-2-21-28

Quant Time: Feb 15 02:09:09 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	7.898	152	50547	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	161672	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	98302	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	188605	20.000	ng	0.00
76) Chrysene-d12	21.462	240	179058	20.000	ng	0.00
86) Perylene-d12	23.844	264	265407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	270674	104.898	ng	0.00
7) Phenol-d6	7.075	99	309660	105.220	ng	0.00
23) Nitrobenzene-d5	9.075	82	177088	62.217	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	123504	92.433	ng	0.00
45) 2-Fluorobiphenyl	13.168	172	455497	58.991	ng	0.00
79) Terphenyl-d14	19.903	244	554847	54.682	ng	0.00

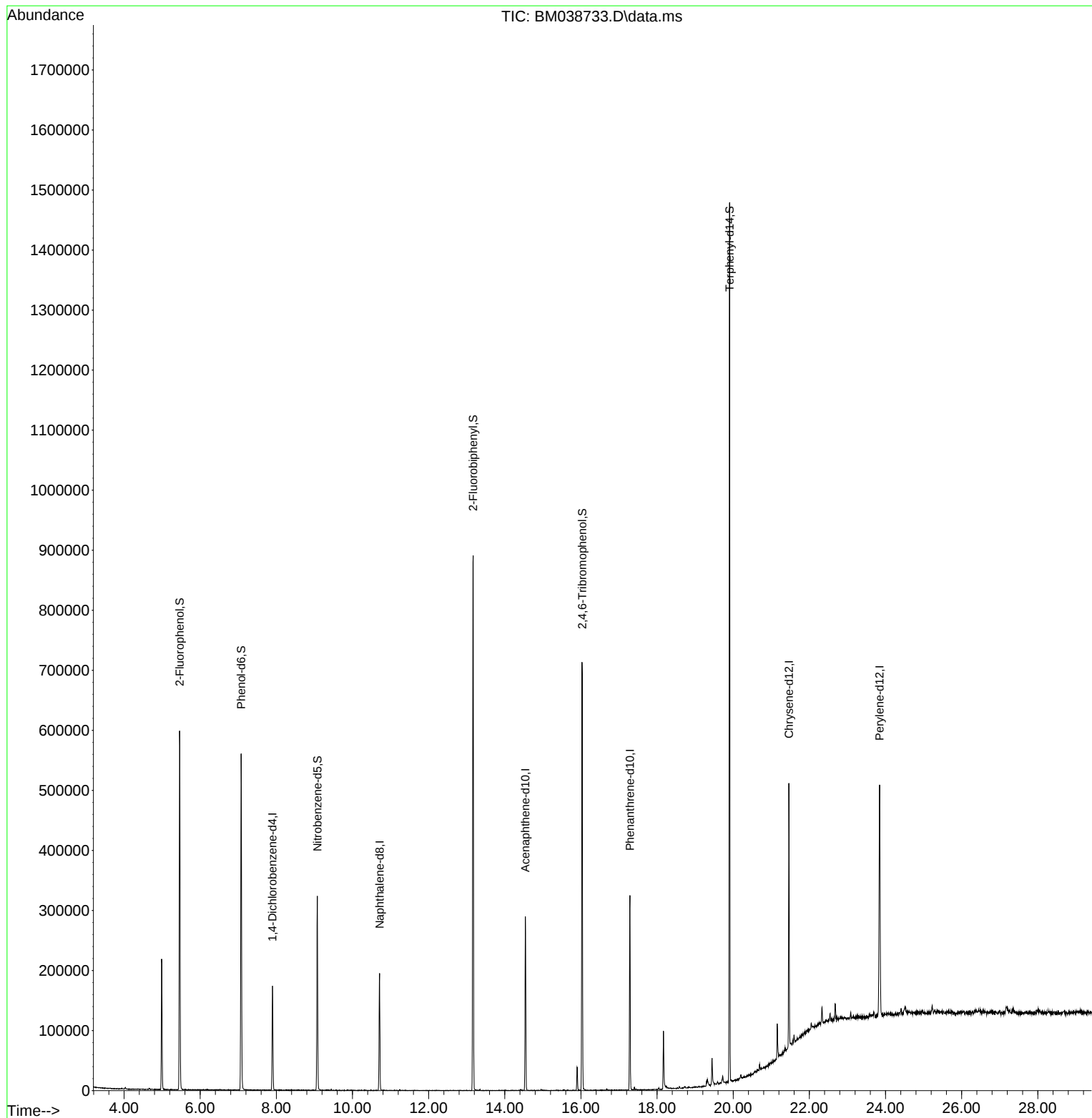
Target Compounds Qvalue

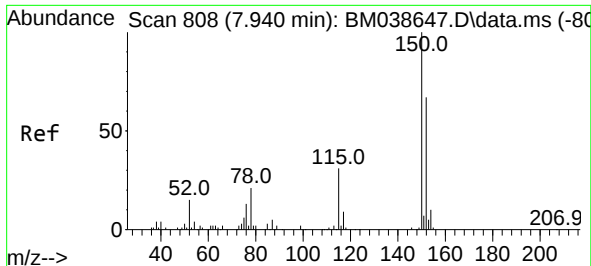
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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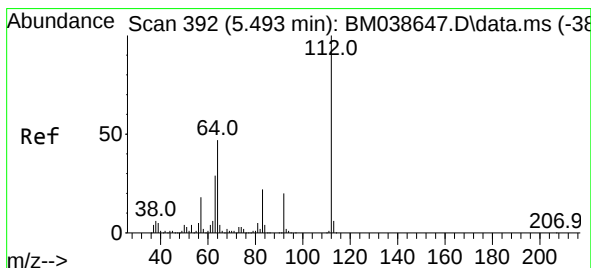
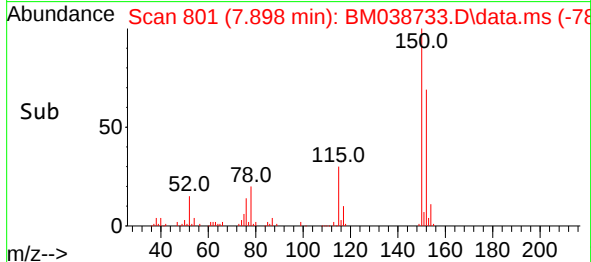
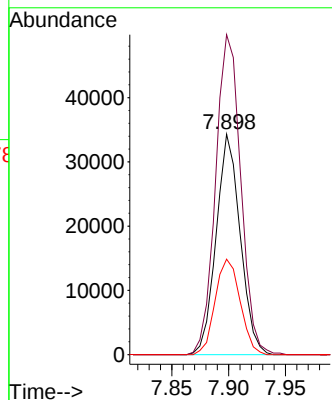
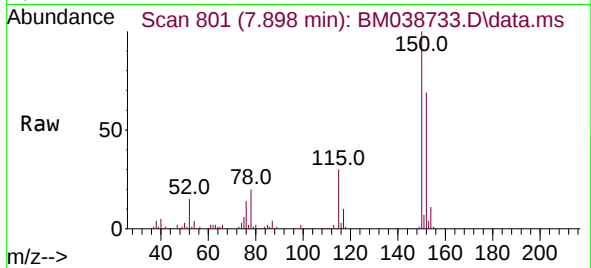




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM038733.D
Acq: 14 Feb 2023 16:55

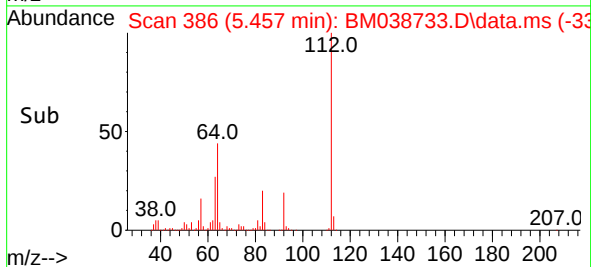
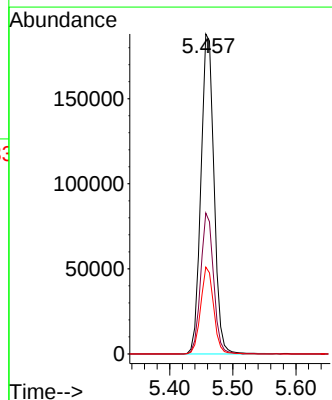
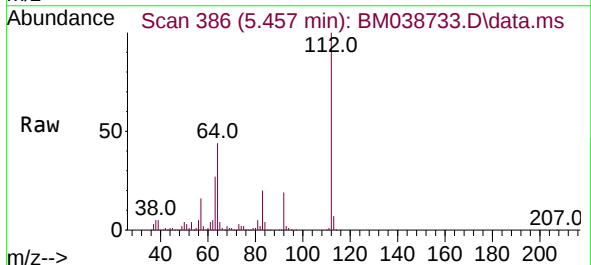
Instrument :
BNA_M
ClientSampleId :
COMP-8-BORING-2-21-28

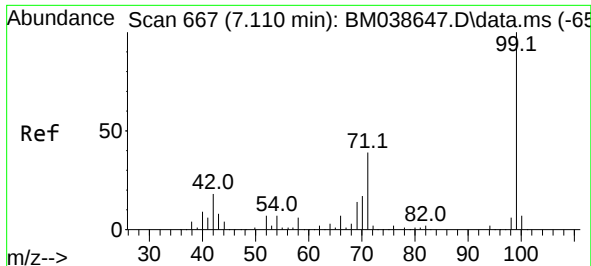
Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.2	119.5	179.3
115	43.3	37.6	56.4



#5
2-Fluorophenol
Concen: 104.898 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.000 min
Lab File: BM038733.D
Acq: 14 Feb 2023 16:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.0	37.9	56.9
63	27.1	23.3	34.9

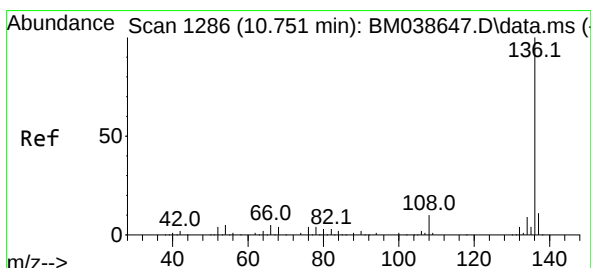
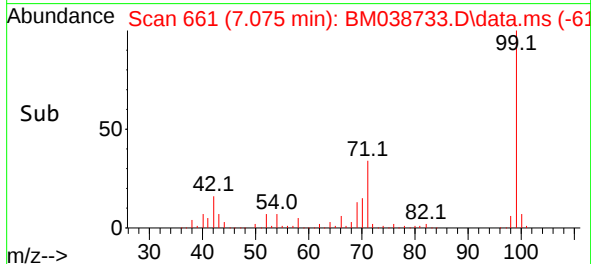
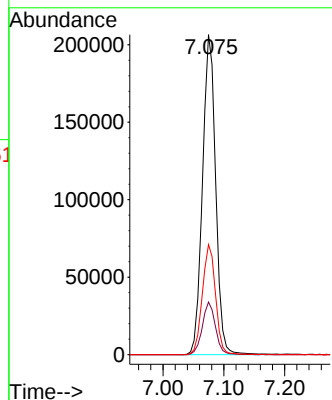
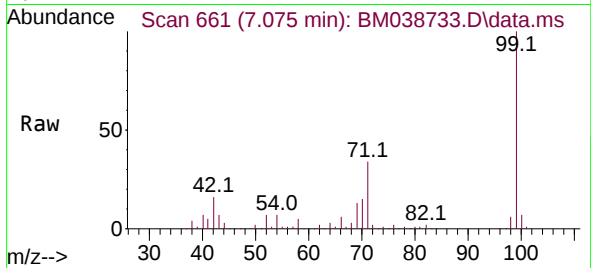




#7
Phenol-d6
Concen: 105.220 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038733.D
Acq: 14 Feb 2023 16:55

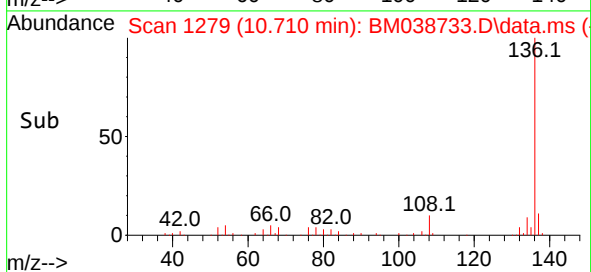
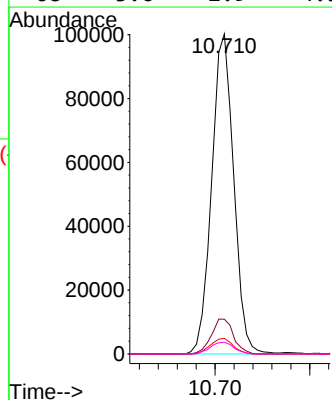
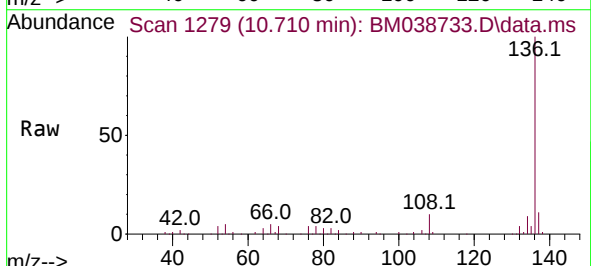
Instrument :
BNA_M
ClientSampleId :
COMP-8-BORING-2-21-28

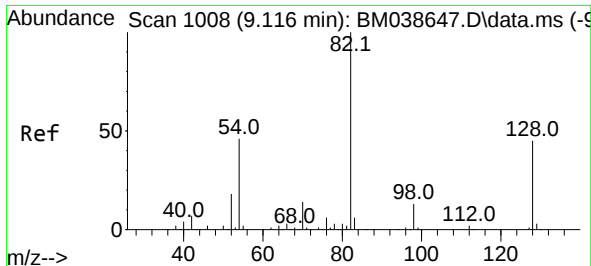
Tgt Ion: 99 Resp: 309660
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 34.4 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BM038733.D
Acq: 14 Feb 2023 16:55

Tgt Ion: 136 Resp: 161672
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 4.9 4.2 6.4
68 3.6 2.9 4.3

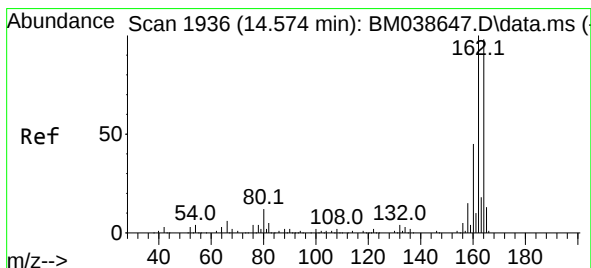
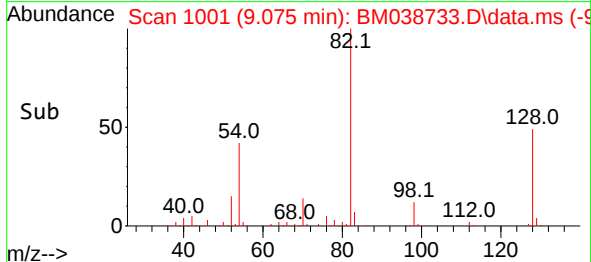
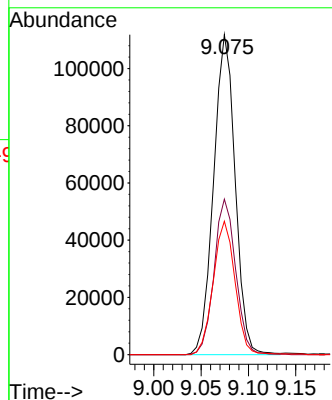
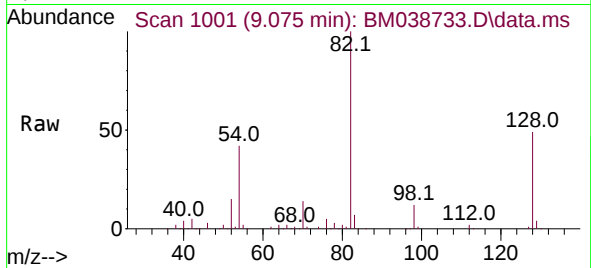




#23
Nitrobenzene-d5
Concen: 62.217 ng
RT: 9.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM038733.D
Acq: 14 Feb 2023 16:55

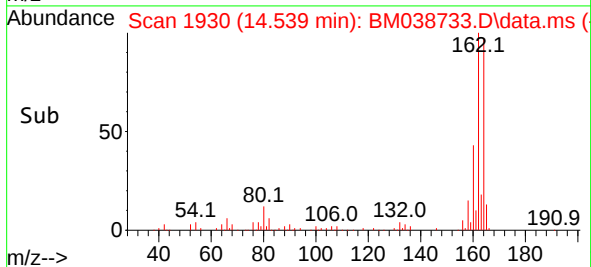
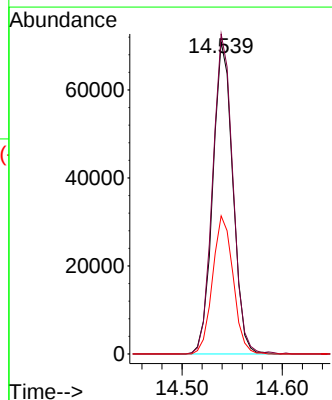
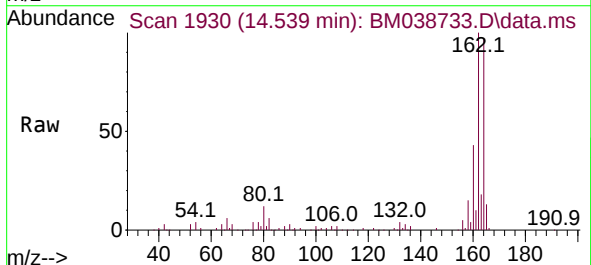
Instrument :
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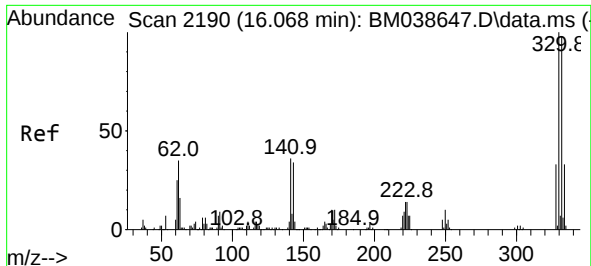
Tgt Ion: 82 Resp: 177088
Ion Ratio Lower Upper
82 100
128 48.6 36.0 54.0
54 41.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM038733.D
Acq: 14 Feb 2023 16:55

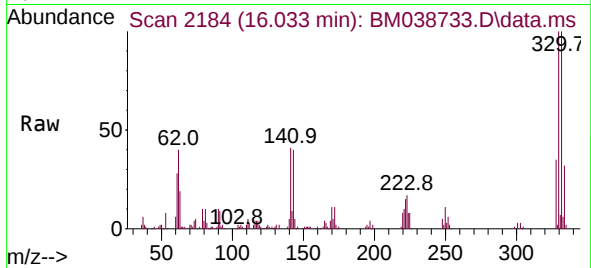
Tgt Ion: 164 Resp: 98302
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 44.3 36.5 54.7



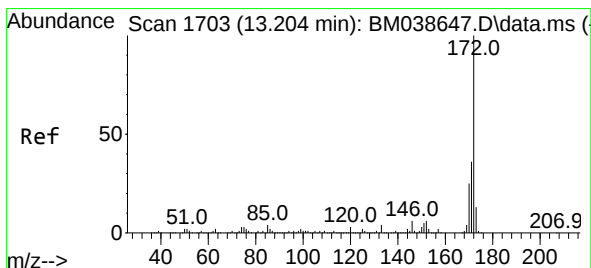
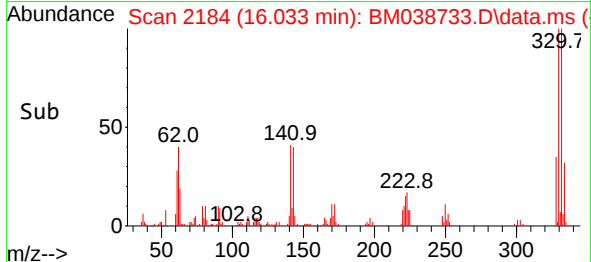
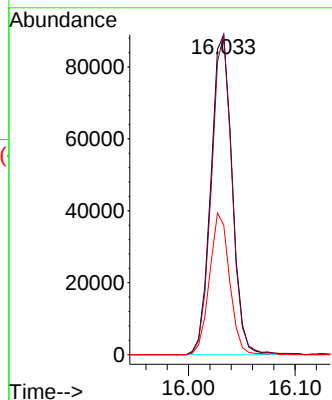


#42
 2,4,6-Tribromophenol
 Concen: 92.433 ng
 RT: 16.033 min Scan# 2190
 Delta R.T. -0.000 min
 Lab File: BM038733.D
 Acq: 14 Feb 2023 16:55

Instrument :
 BNA_M
 ClientSampleId :
 COMP-8-BORING-2-21-28

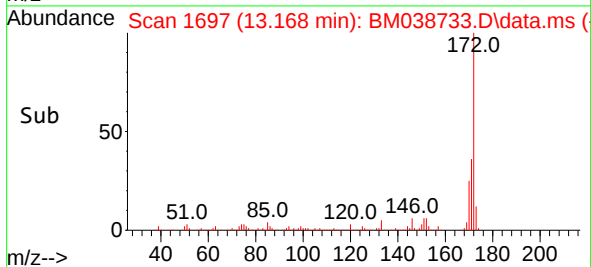
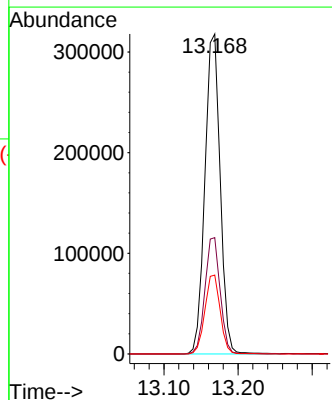
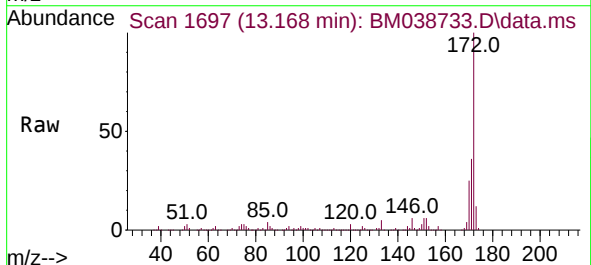


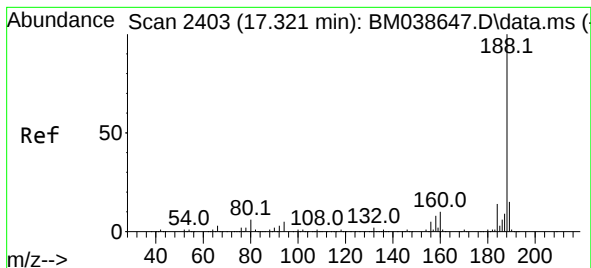
Tgt Ion:330 Resp: 123504
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.8 116.6
 141 41.7 31.0 46.6



#45
 2-Fluorobiphenyl
 Concen: 58.991 ng
 RT: 13.168 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: BM038733.D
 Acq: 14 Feb 2023 16:55

Tgt Ion:172 Resp: 455497
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.7 43.1
 170 24.6 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: BM038733.D

Acq: 14 Feb 2023 16:55

Instrument :

BNA_M

ClientSampleId :

COMP-8-BORING-2-21-28

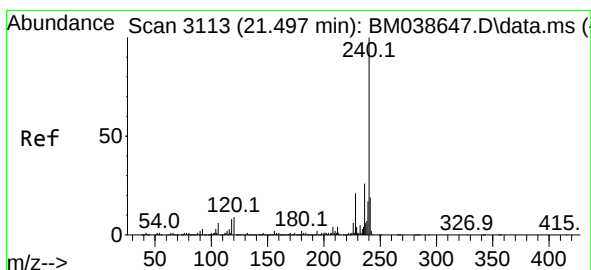
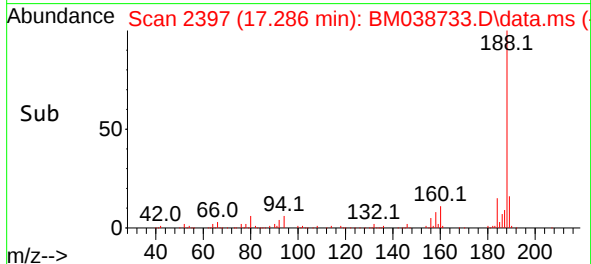
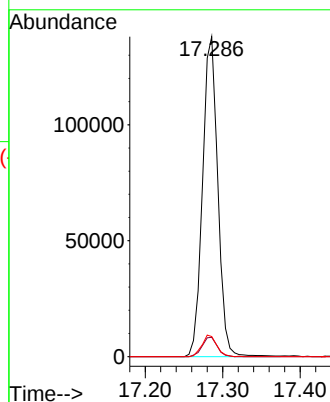
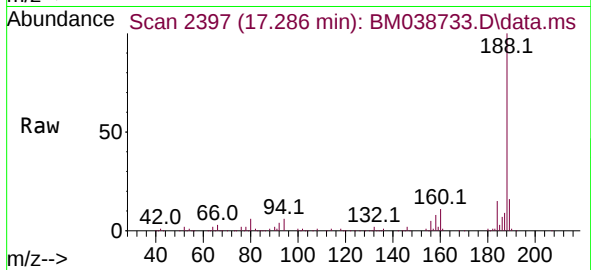
Tgt Ion:188 Resp: 188605

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.4

80 6.3 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: BM038733.D

Acq: 14 Feb 2023 16:55

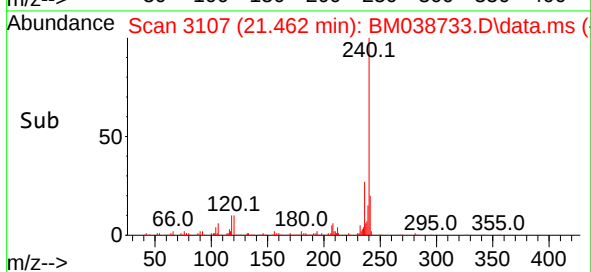
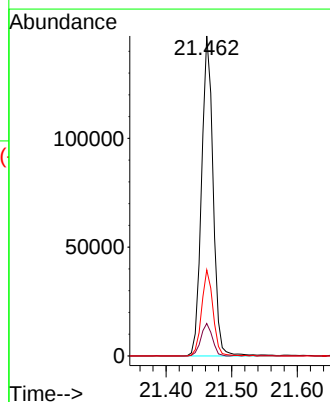
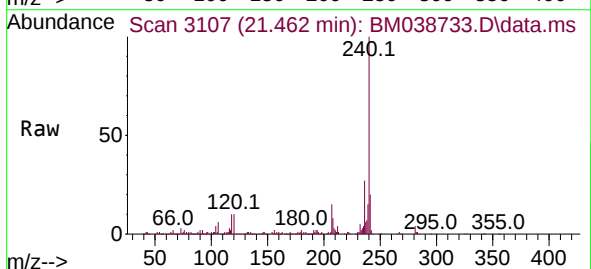
Tgt Ion:240 Resp: 179058

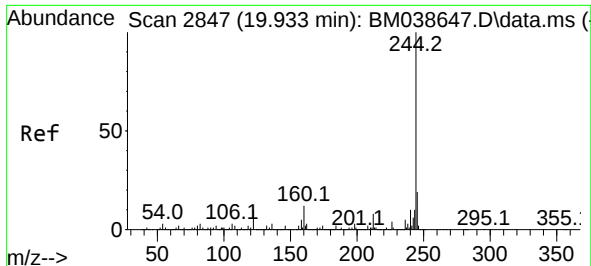
Ion Ratio Lower Upper

240 100

120 10.1 7.0 10.4

236 26.9 20.9 31.3

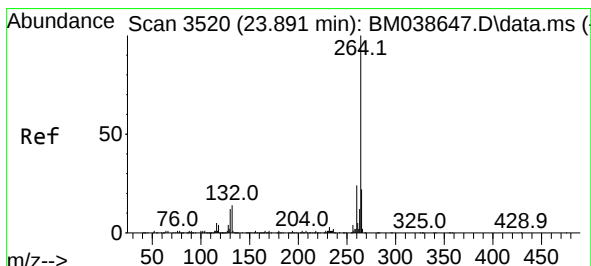
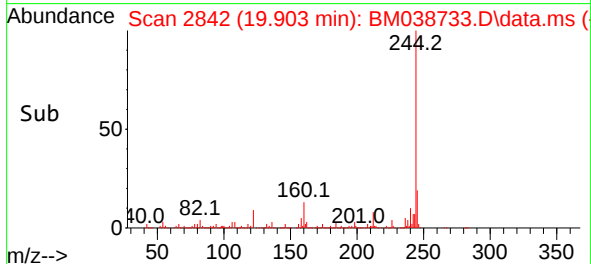
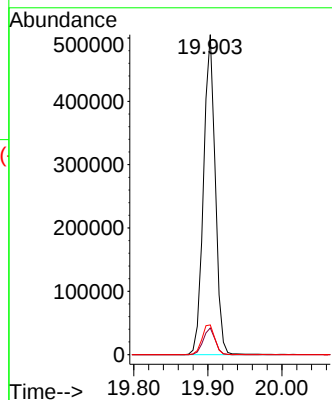
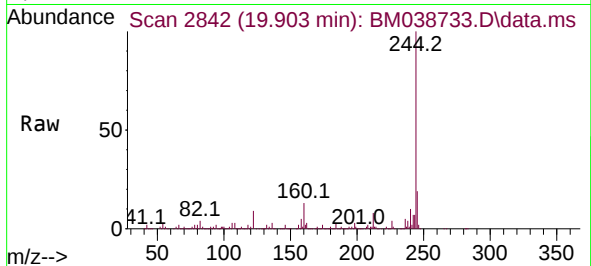




#79
 Terphenyl-d14
 Concen: 54.682 ng
 RT: 19.903 min Scan# 2847
 Delta R.T. -0.000 min
 Lab File: BM038733.D
 Acq: 14 Feb 2023 16:55

Instrument :
 BNA_M
 ClientSampleId :
 COMP-8-BORING-2-21-28

Tgt Ion:244 Resp: 554847
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 9.3 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: BM038733.D
 Acq: 14 Feb 2023 16:55

Tgt Ion:264 Resp: 265407
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.7 17.9 26.9

