

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038764.D
 Acq On : 16 Feb 2023 19:25
 Operator : CG/JU
 Sample : 01556-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OH-CON-0214

Quant Time: Feb 17 06:11:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 06:10:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	31876	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	115217	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	85990	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	200884	20.000	ng	0.00
76) Chrysene-d12	21.480	240	225641	20.000	ng	0.00
86) Perylene-d12	23.862	264	310316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	178301	109.573	ng	0.00
7) Phenol-d6	7.087	99	242630	130.734	ng	0.00
23) Nitrobenzene-d5	9.087	82	137053	67.565	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	106011	90.701	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	446191	66.059	ng	0.00
79) Terphenyl-d14	19.921	244	986408	77.144	ng	0.00

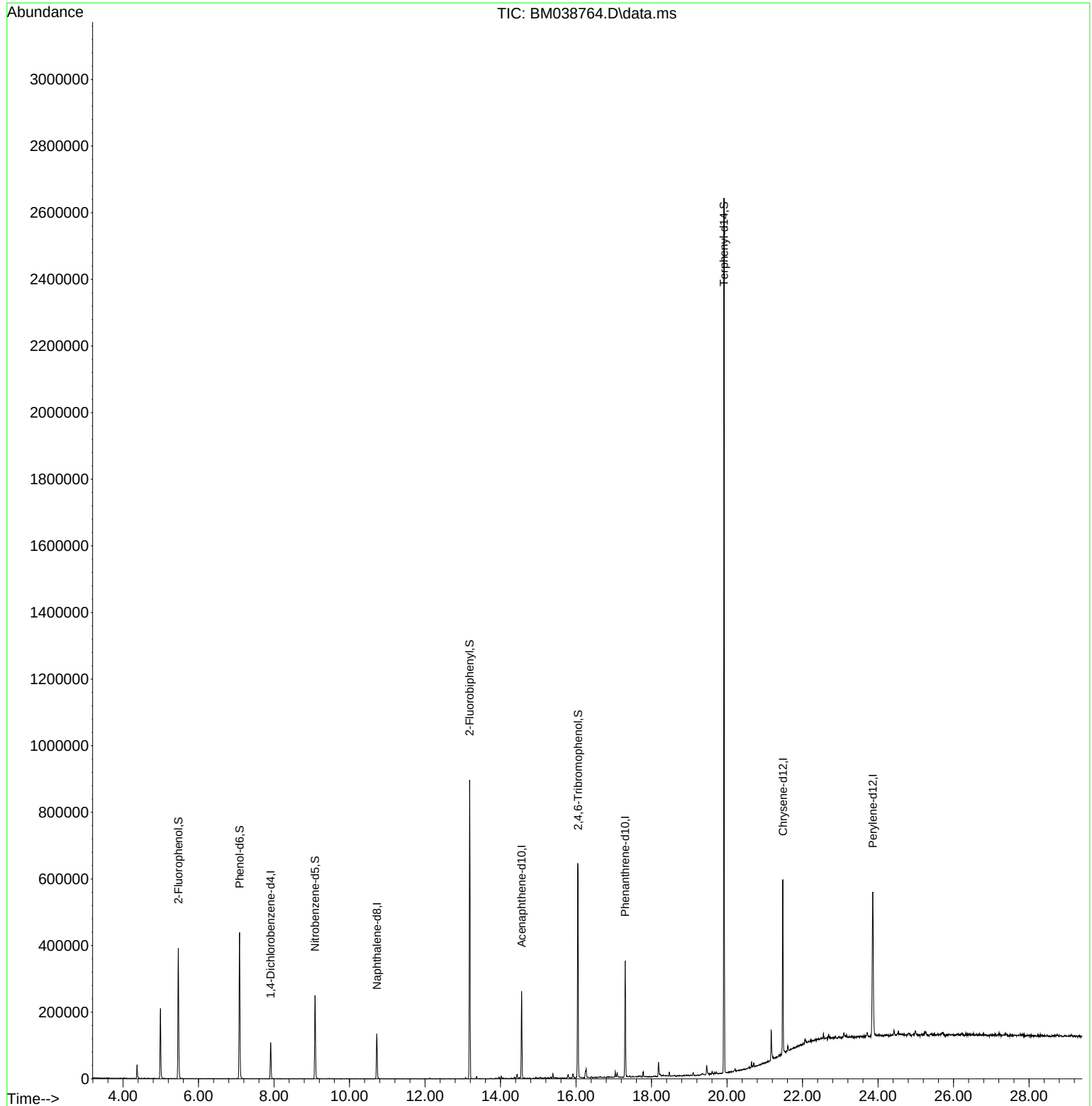
Target Compounds	Qvalue

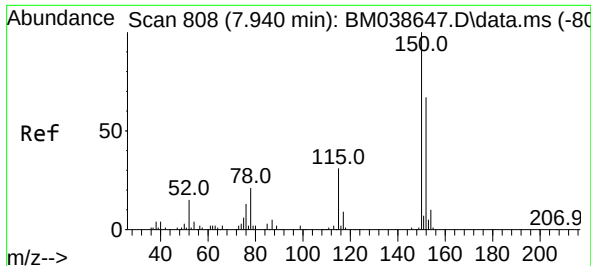
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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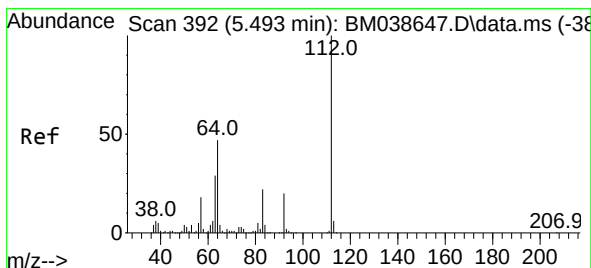
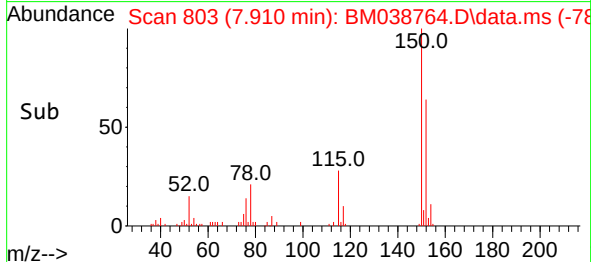
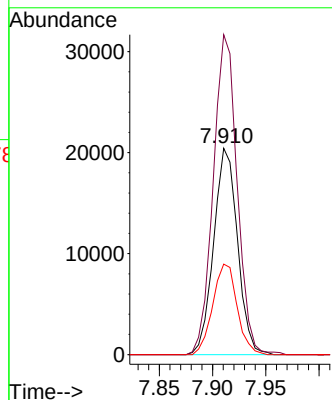
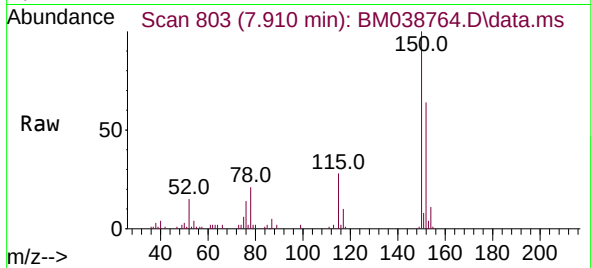




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038764.D
Acq: 16 Feb 2023 19:25

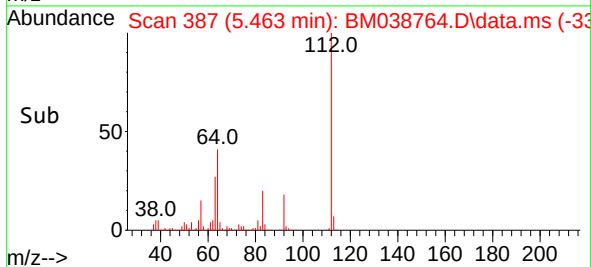
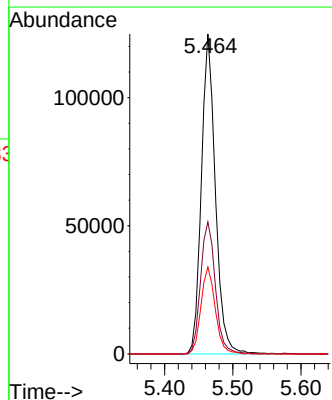
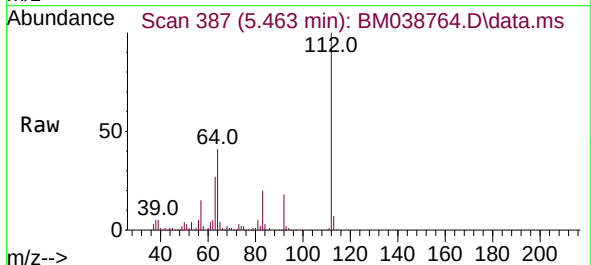
Instrument :
BNA_M
ClientSampleId :
OH-CON-0214

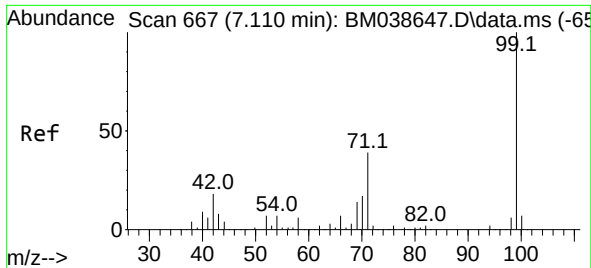
Tgt Ion:152 Resp: 31876
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 43.8 37.6 56.4



#5
2-Fluorophenol
Concen: 109.573 ng
RT: 5.463 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM038764.D
Acq: 16 Feb 2023 19:25

Tgt Ion:112 Resp: 178301
Ion Ratio Lower Upper
112 100
64 41.2 37.9 56.9
63 27.1 23.3 34.9

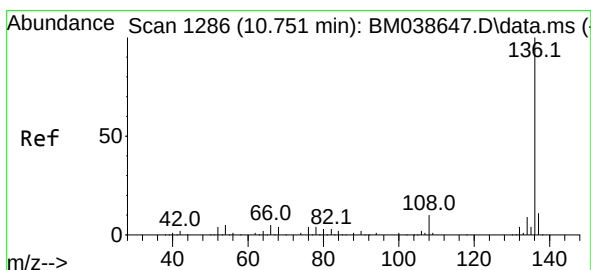
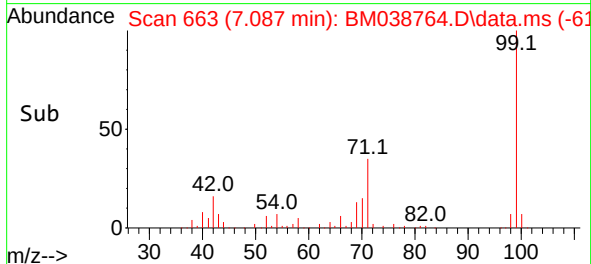
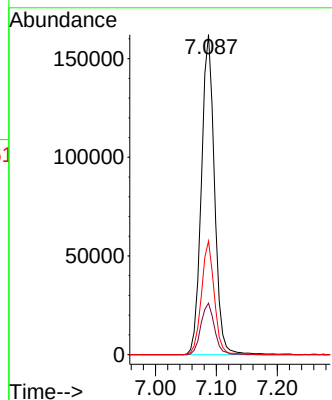
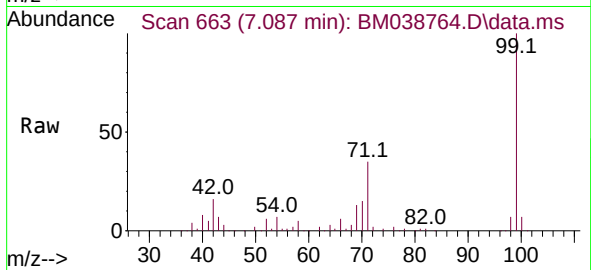




#7
Phenol-d6
Concen: 130.734 ng
RT: 7.087 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038764.D
Acq: 16 Feb 2023 19:25

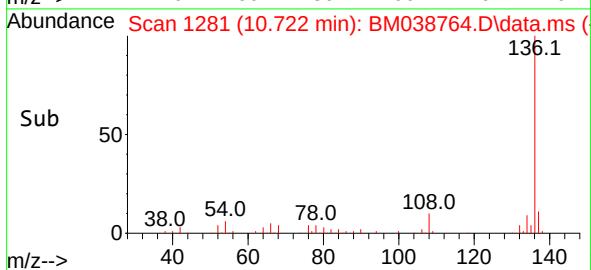
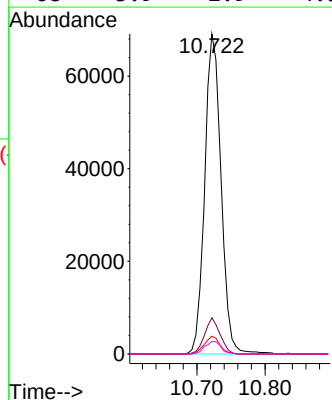
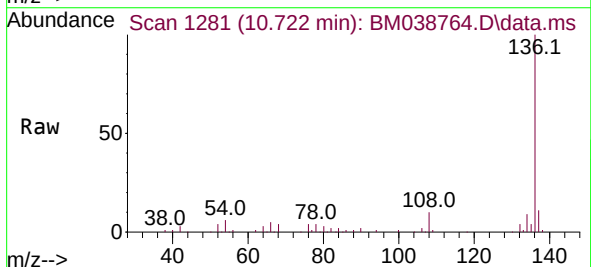
Instrument :
BNA_M
ClientSampleId :
OH-CON-0214

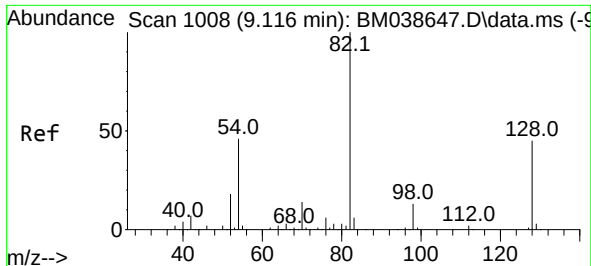
Tgt Ion: 99 Resp: 242630
Ion Ratio Lower Upper
99 100
42 16.1 14.6 22.0
71 35.5 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM038764.D
Acq: 16 Feb 2023 19:25

Tgt Ion: 136 Resp: 115217
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 5.5 4.2 6.4
68 3.9 2.9 4.3





#23

Nitrobenzene-d5

Concen: 67.565 ng

RT: 9.087 min Scan# 10

Delta R.T. -0.006 min

Lab File: BM038764.D

Acq: 16 Feb 2023 19:25

Instrument :

BNA_M

ClientSampleId :

OH-CON-0214

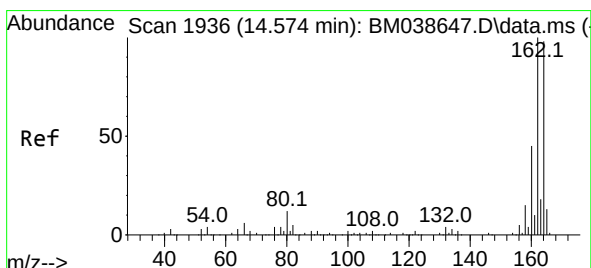
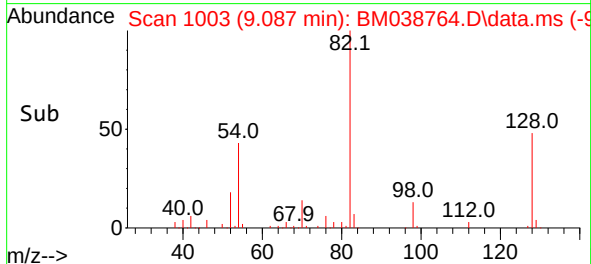
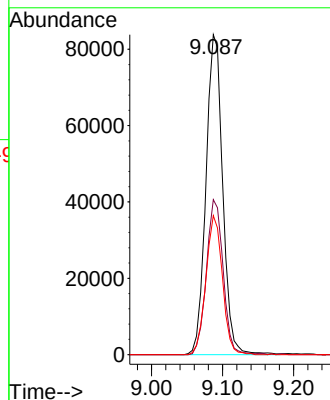
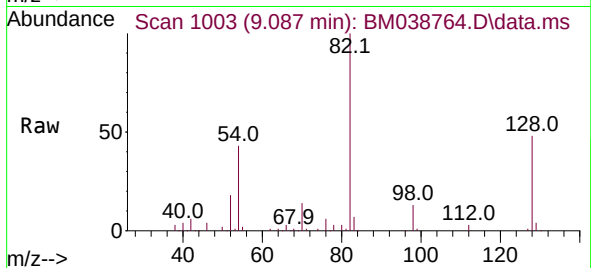
Tgt Ion: 82 Resp: 137053

Ion Ratio Lower Upper

82 100

128 48.4 36.0 54.0

54 43.5 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BM038764.D

Acq: 16 Feb 2023 19:25

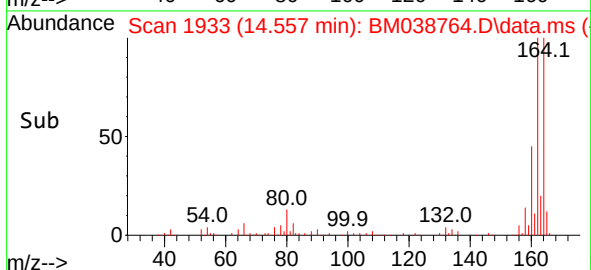
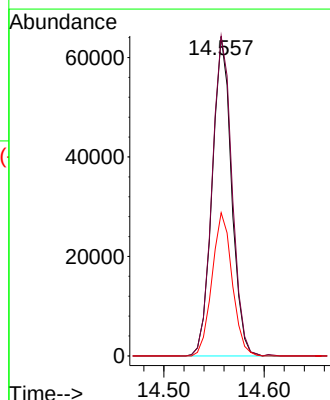
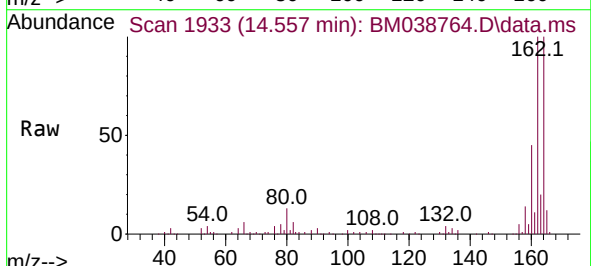
Tgt Ion:164 Resp: 85990

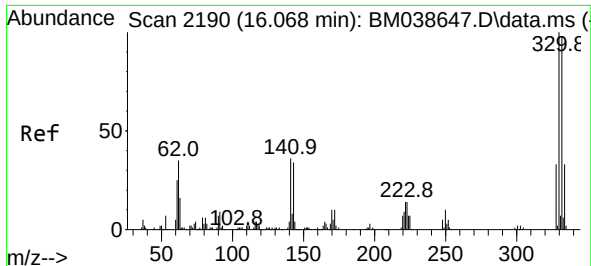
Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

160 44.9 36.5 54.7

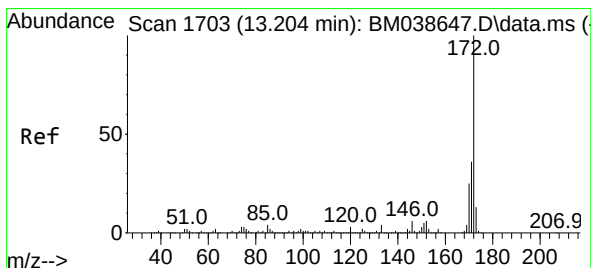
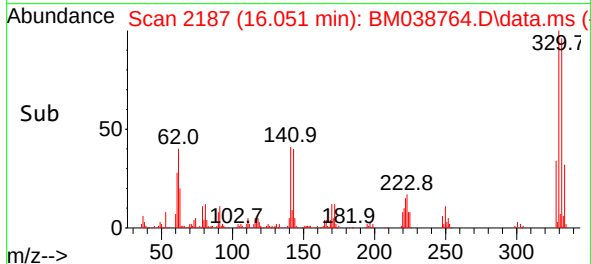
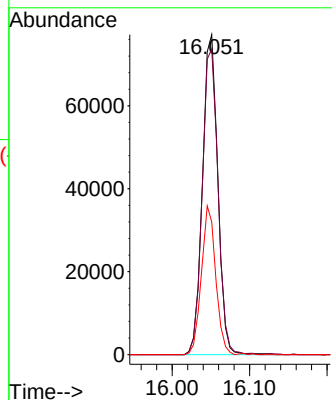
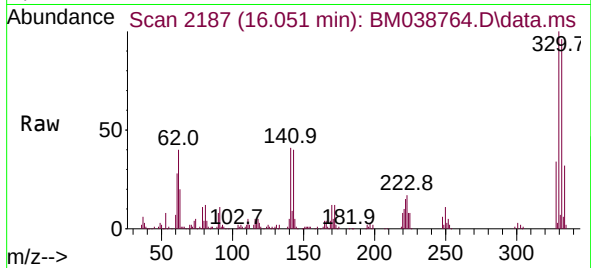




#42
2,4,6-Tribromophenol
Concen: 90.701 ng
RT: 16.051 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038764.D
Acq: 16 Feb 2023 19:25

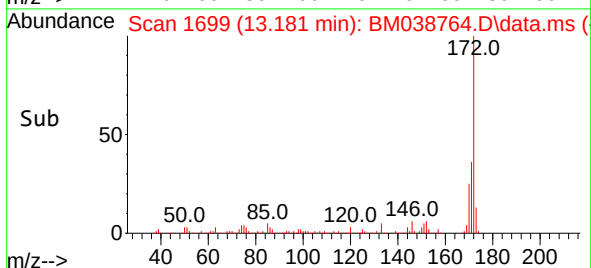
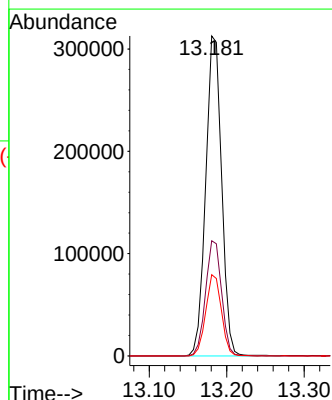
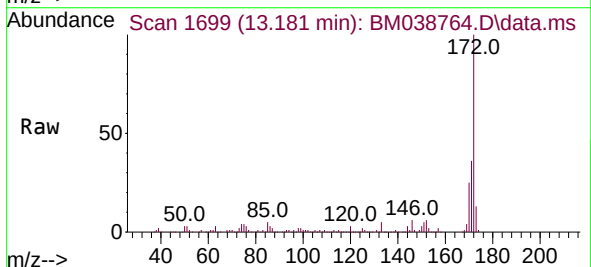
Instrument :
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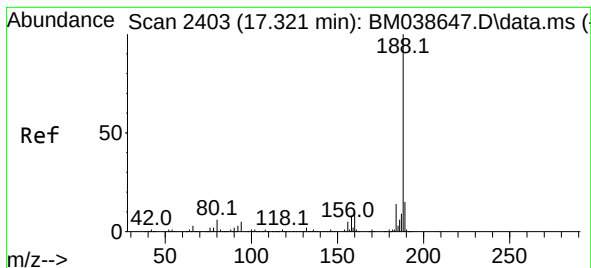
Tgt Ion:330 Resp: 106011
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.6
141 43.3 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 66.059 ng
RT: 13.181 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM038764.D
Acq: 16 Feb 2023 19:25

Tgt Ion:172 Resp: 446191
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 25.4 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM038764.D

Acq: 16 Feb 2023 19:25

Instrument :

BNA_M

ClientSampleId :

OH-CON-0214

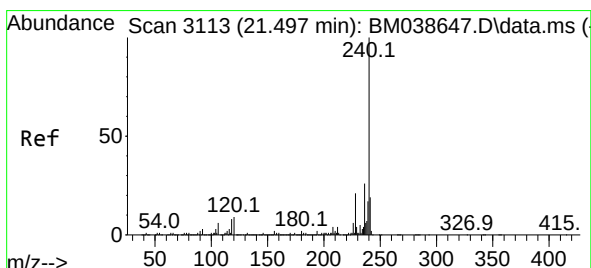
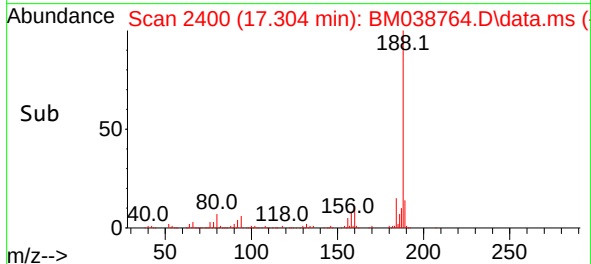
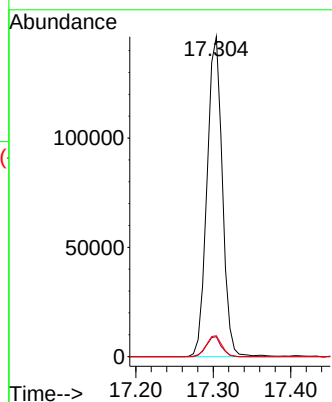
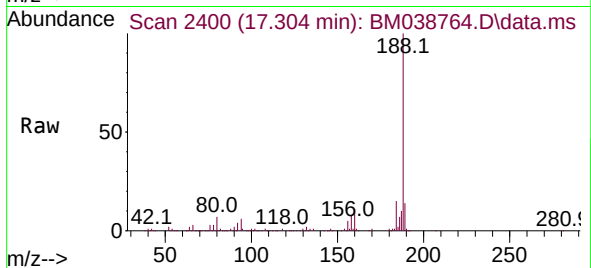
Tgt Ion:188 Resp: 200884

Ion Ratio Lower Upper

188 100

94 6.3 4.2 6.4

80 6.5 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.480 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM038764.D

Acq: 16 Feb 2023 19:25

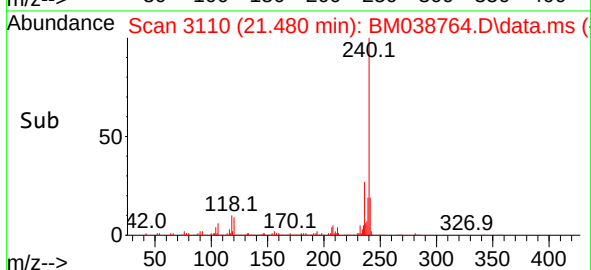
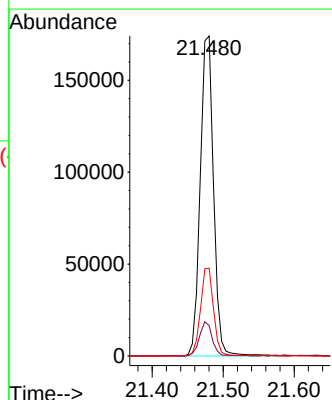
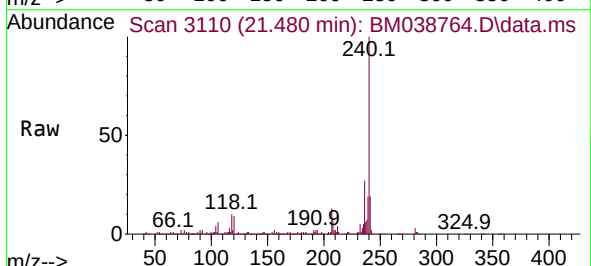
Tgt Ion:240 Resp: 225641

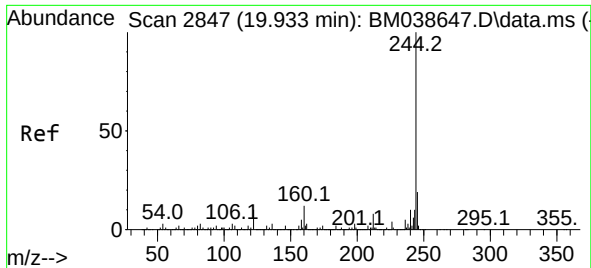
Ion Ratio Lower Upper

240 100

120 9.4 7.0 10.4

236 27.4 20.9 31.3

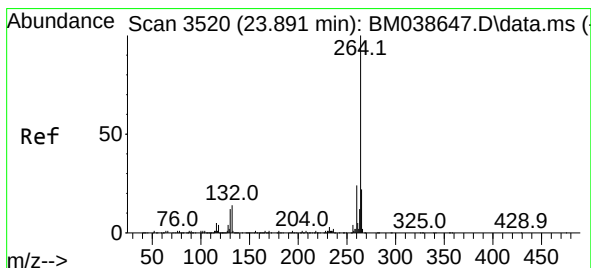
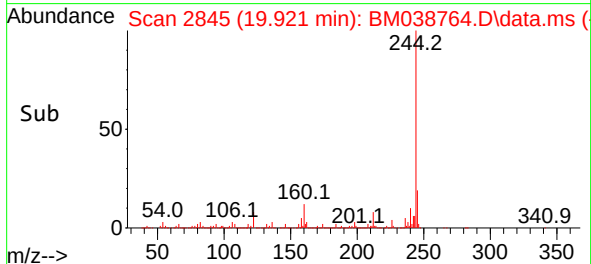
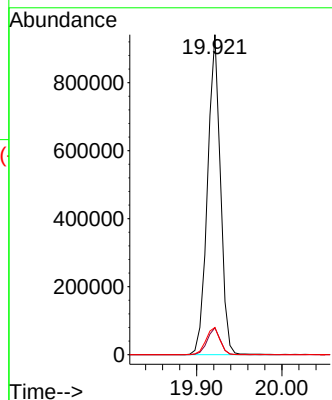
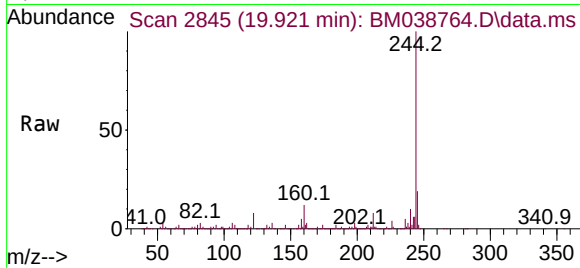




#79
 Terphenyl-d14
 Concen: 77.144 ng
 RT: 19.921 min Scan# 2845
 Delta R.T. 0.000 min
 Lab File: BM038764.D
 Acq: 16 Feb 2023 19:25

Instrument :
 BNA_M
 ClientSampleId :
 OH-CON-0214

Tgt Ion:244 Resp: 986408
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 8.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.862 min Scan# 3515
 Delta R.T. -0.006 min
 Lab File: BM038764.D
 Acq: 16 Feb 2023 19:25

Tgt Ion:264 Resp: 310316
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 22.4 17.9 26.9

