

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
 Data File : BM038730.D
 Acq On : 14 Feb 2023 15:03
 Operator : CG/JU
 Sample : 01328-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-4-BORING-1-23-25

Quant Time: Feb 14 16:07:33 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	39129	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	129120	20.000	ng	# 0.00
39) Acenaphthene-d10	14.539	164	74639	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	143997	20.000	ng	# 0.00
76) Chrysene-d12	21.462	240	139621	20.000	ng	0.00
86) Perylene-d12	23.844	264	209171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	239951	120.126	ng	0.00
7) Phenol-d6	7.075	99	269781	118.419	ng	0.00
23) Nitrobenzene-d5	9.075	82	153195	67.391	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	102673	101.205	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	390018	66.524	ng	0.00
79) Terphenyl-d14	19.903	244	447202	56.522	ng	0.00

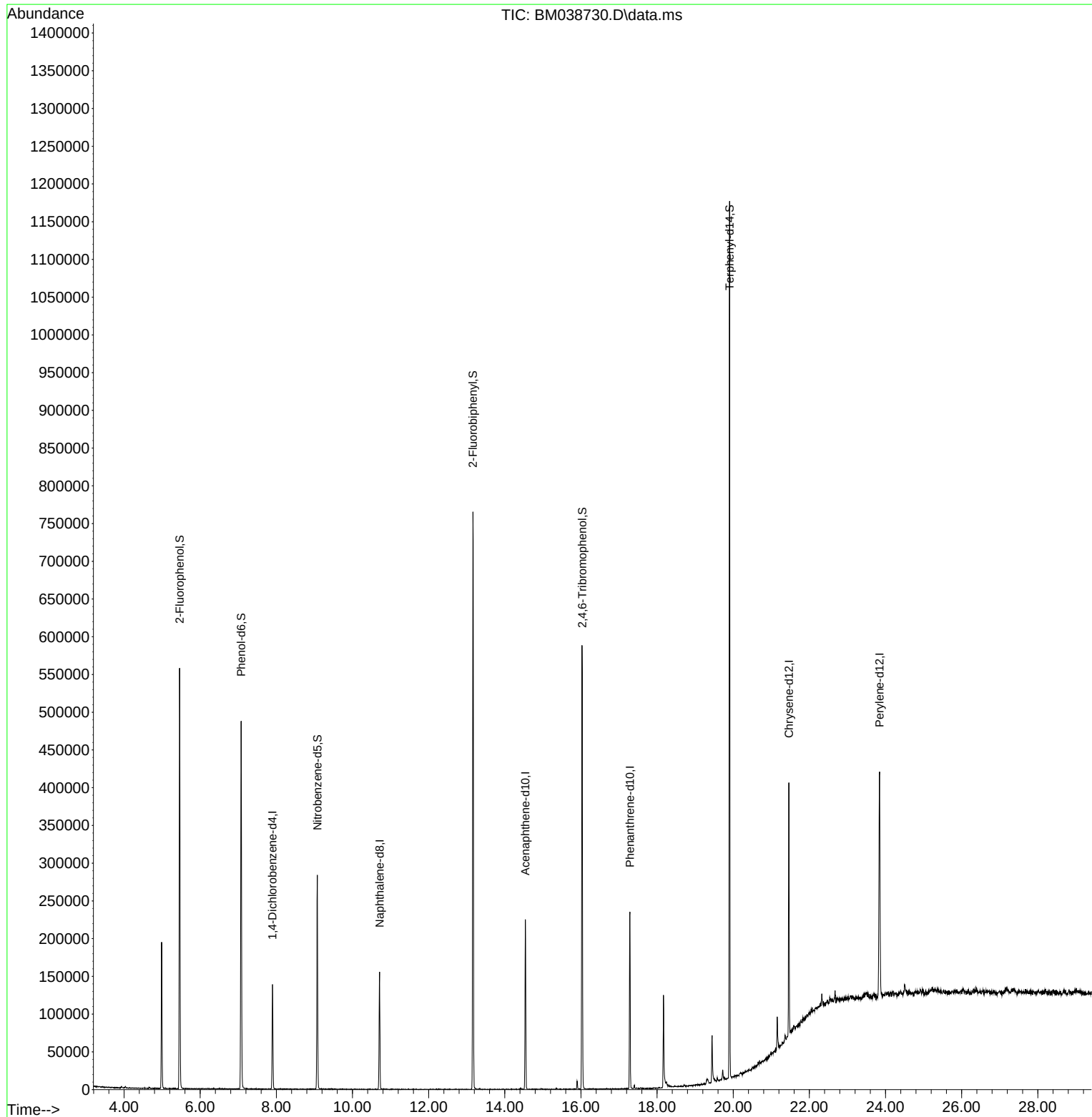
Target Compounds Qvalue

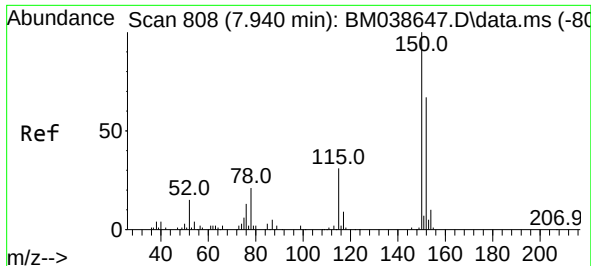
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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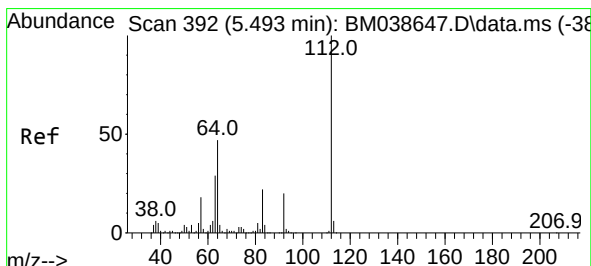
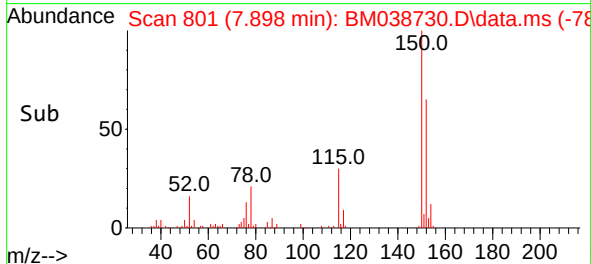
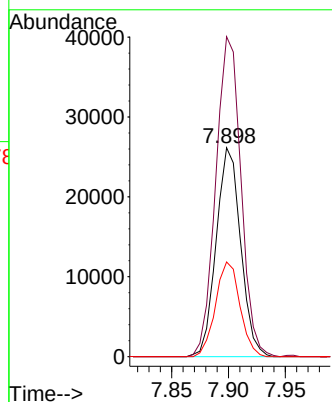
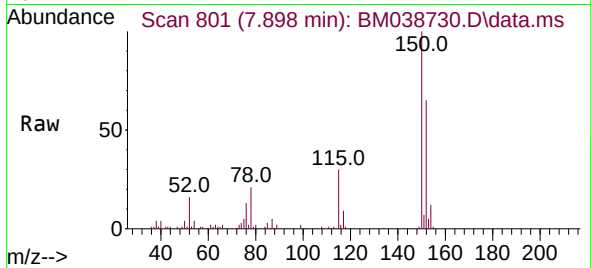




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM038730.D
Acq: 14 Feb 2023 15:03

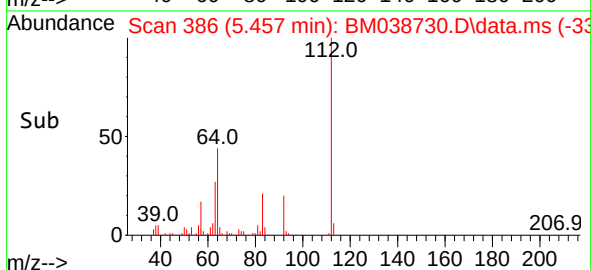
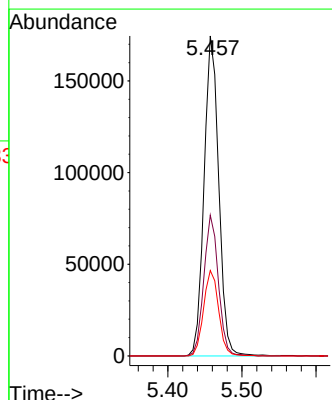
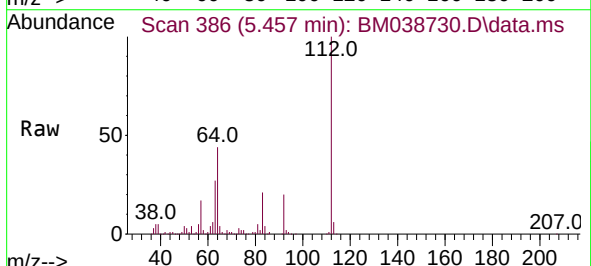
Instrument :
BNA_M
ClientSampleId :
COMP-4-BORING-1-23-25

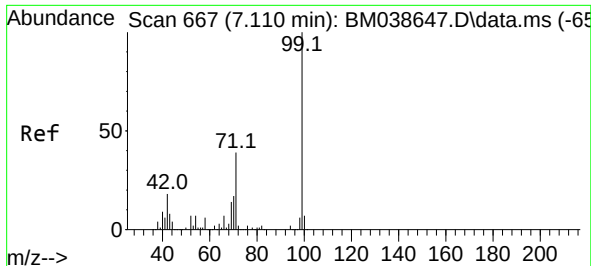
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.1	119.5	179.3
115	45.3	37.6	56.4



#5
2-Fluorophenol
Concen: 120.126 ng
RT: 5.457 min Scan# 386
Delta R.T. 0.000 min
Lab File: BM038730.D
Acq: 14 Feb 2023 15:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.0	37.9	56.9
63	26.7	23.3	34.9

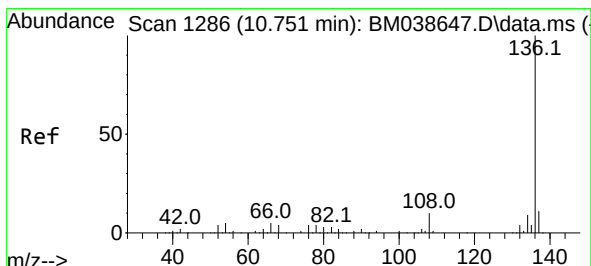
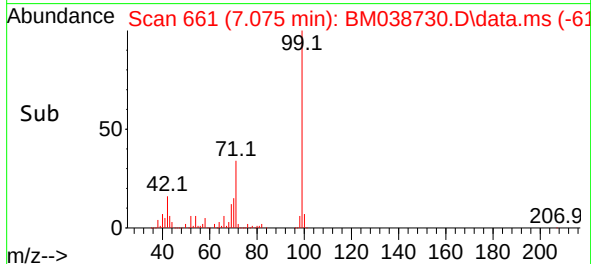
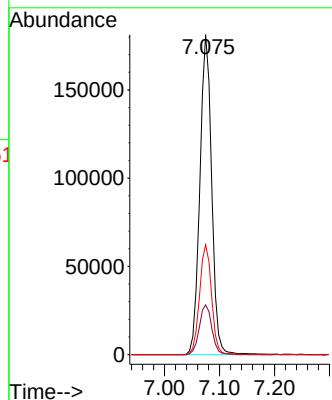
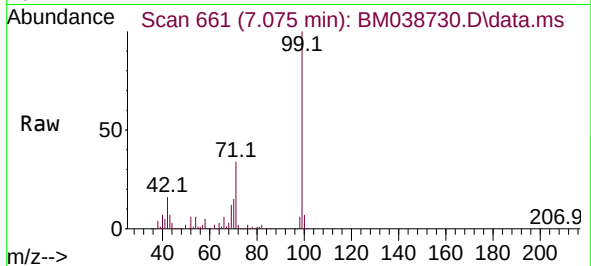




#7
Phenol-d6
Concen: 118.419 ng
RT: 7.075 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM038730.D
Acq: 14 Feb 2023 15:03

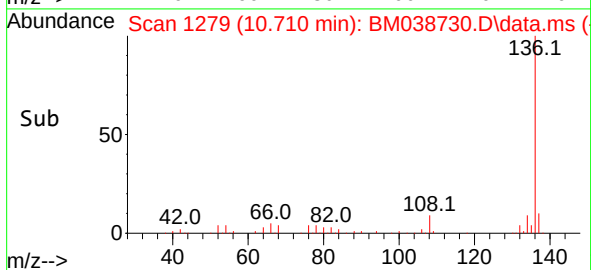
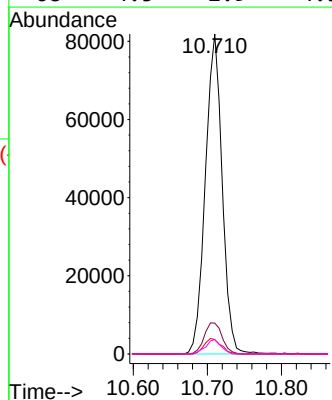
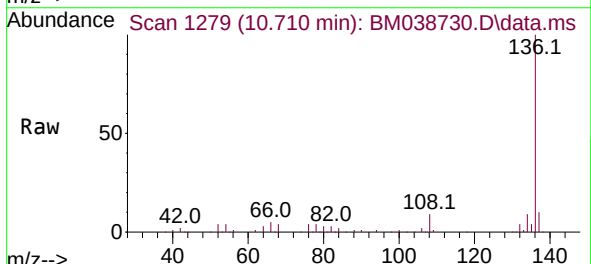
Instrument :
BNA_M
ClientSampleId :
COMP-4-BORING-1-23-25

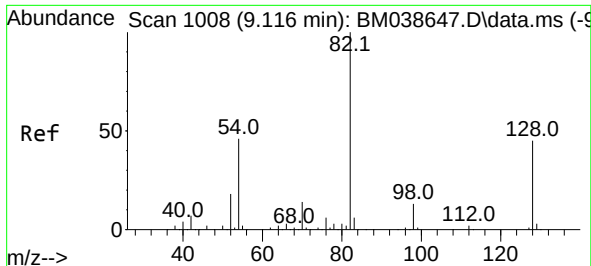
Tgt Ion: 99 Resp: 269781
Ion Ratio Lower Upper
99 100
42 15.5 14.6 22.0
71 34.3 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BM038730.D
Acq: 14 Feb 2023 15:03

Tgt Ion:136 Resp: 129120
Ion Ratio Lower Upper
136 100
137 9.6 8.8 13.2
54 4.5 4.2 6.4
68 4.5 2.9 4.3#

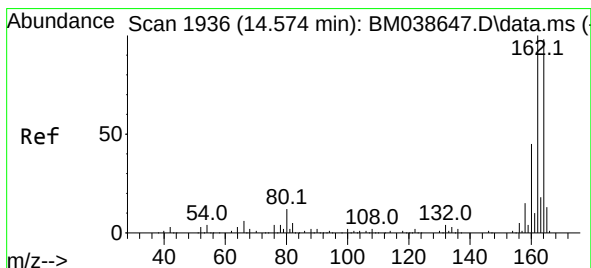
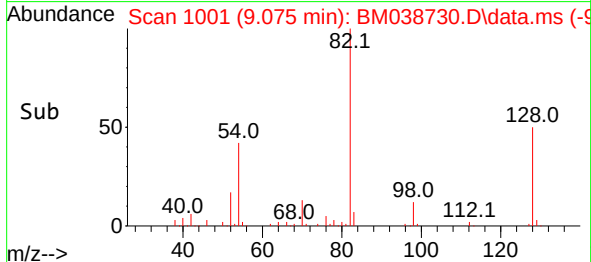
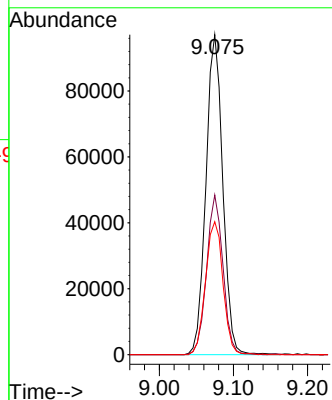
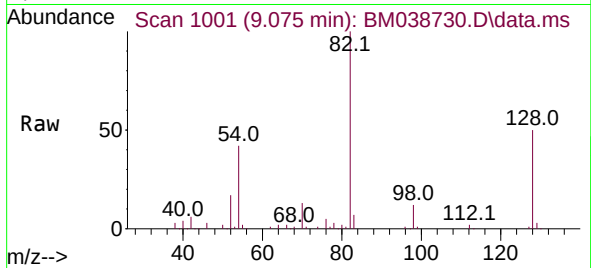




#23
Nitrobenzene-d5
Concen: 67.391 ng
RT: 9.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM038730.D
Acq: 14 Feb 2023 15:03

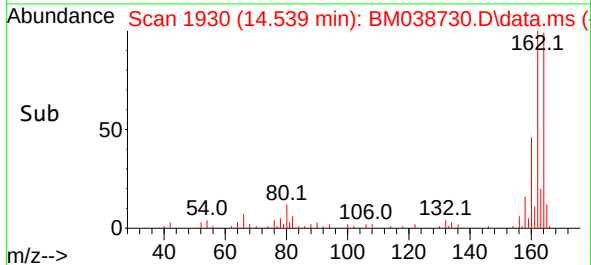
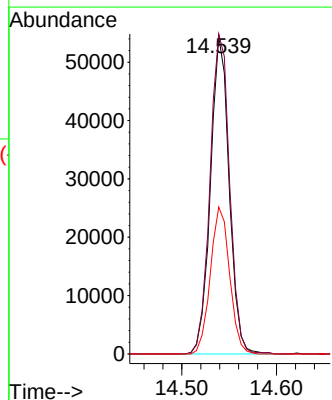
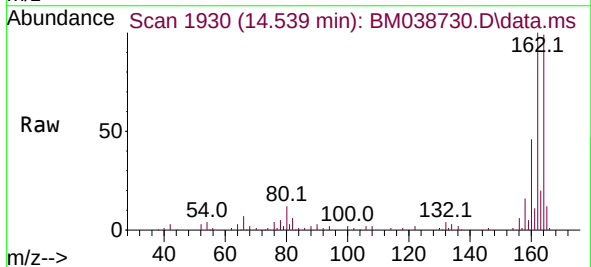
Instrument :
BNA_M
ClientSampleId :
COMP-4-BORING-1-23-25

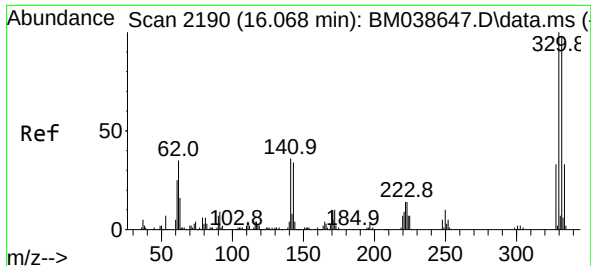
Tgt Ion: 82 Resp: 153195
Ion Ratio Lower Upper
82 100
128 49.9 36.0 54.0
54 41.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM038730.D
Acq: 14 Feb 2023 15:03

Tgt Ion: 164 Resp: 74639
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 46.3 36.5 54.7

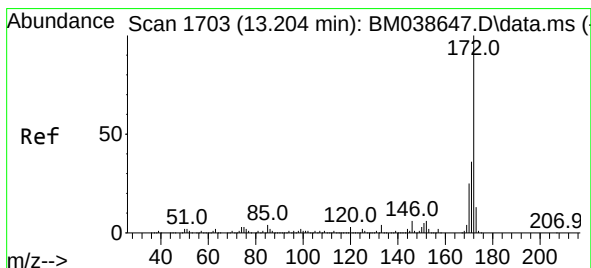
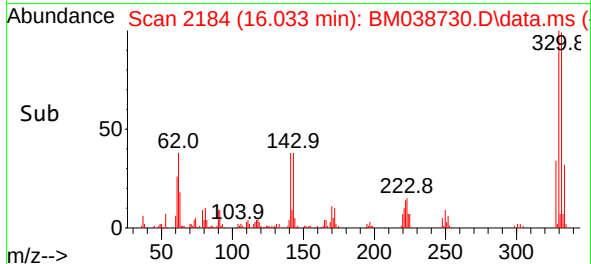
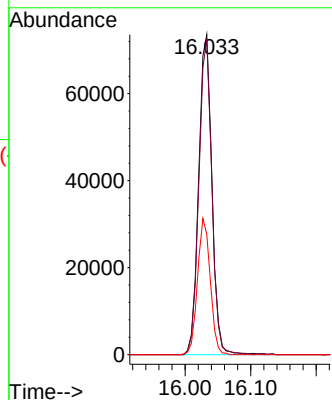
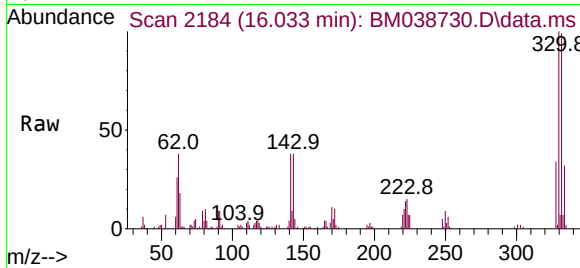




#42
2,4,6-Tribromophenol
Concen: 101.205 ng
RT: 16.033 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BM038730.D
Acq: 14 Feb 2023 15:03

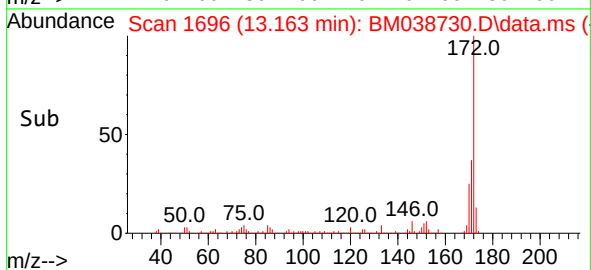
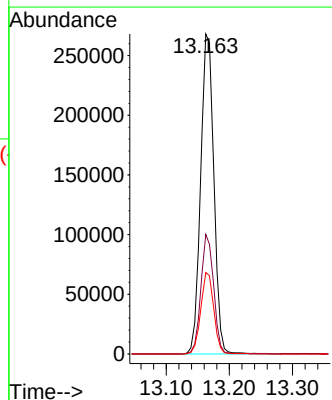
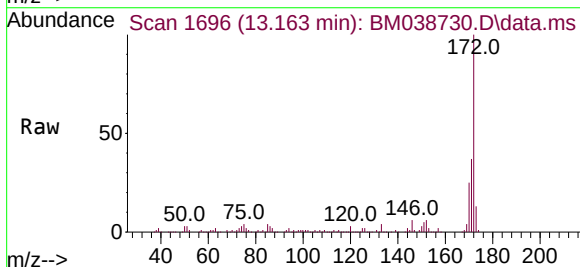
Instrument :
BNA_M
ClientSampleId :
COMP-4-BORING-1-23-25

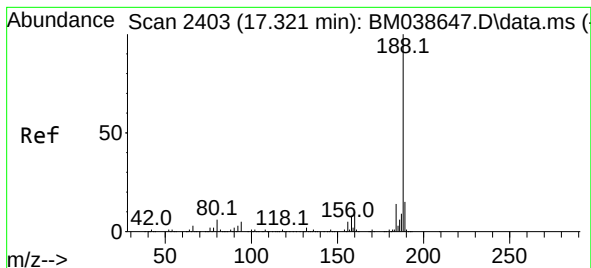
Tgt Ion:330 Resp: 102673
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.6
141 40.9 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 66.524 ng
RT: 13.163 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM038730.D
Acq: 14 Feb 2023 15:03

Tgt Ion:172 Resp: 390018
Ion Ratio Lower Upper
172 100
171 37.3 28.7 43.1
170 25.4 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: BM038730.D

Acq: 14 Feb 2023 15:03

Instrument :

BNA_M

ClientSampleId :

COMP-4-BORING-1-23-25

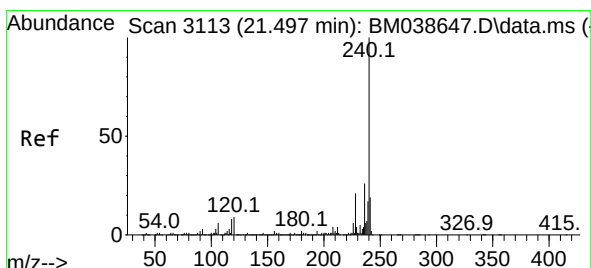
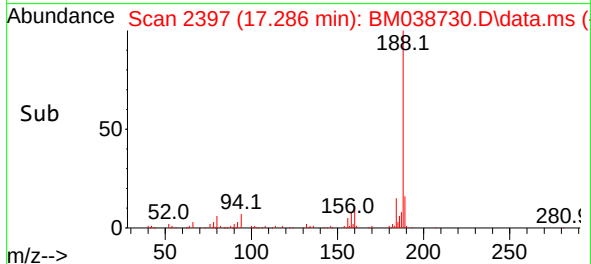
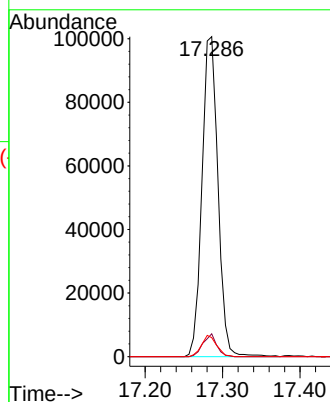
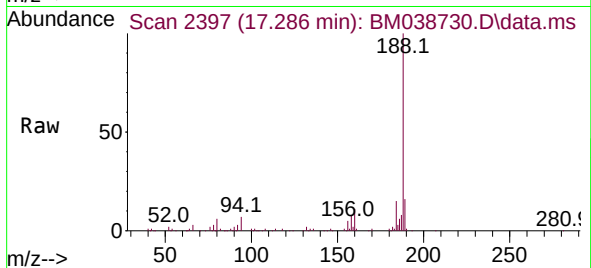
Tgt Ion:188 Resp: 143997

Ion Ratio Lower Upper

188 100

94 7.1 4.2 6.4#

80 5.9 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: BM038730.D

Acq: 14 Feb 2023 15:03

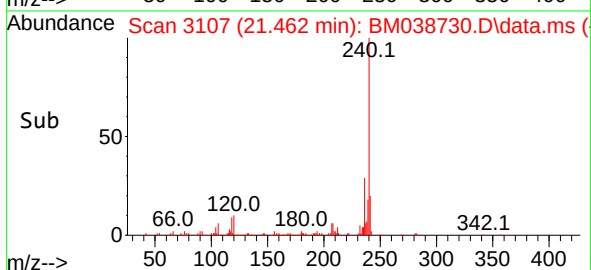
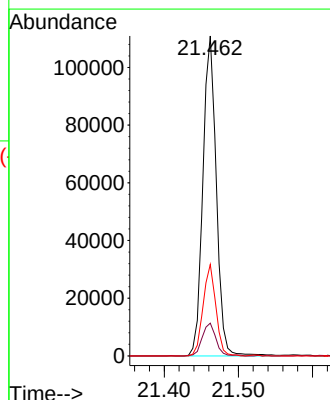
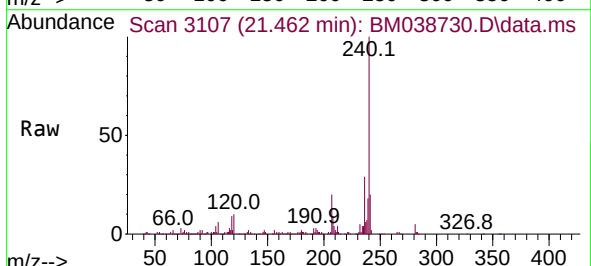
Tgt Ion:240 Resp: 139621

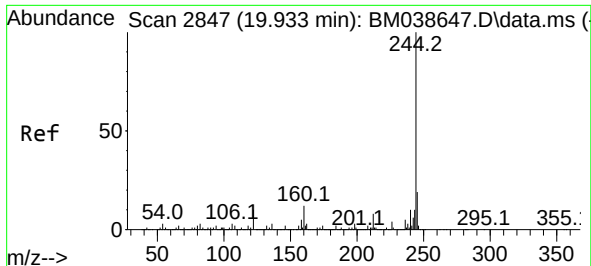
Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.4

236 28.6 20.9 31.3

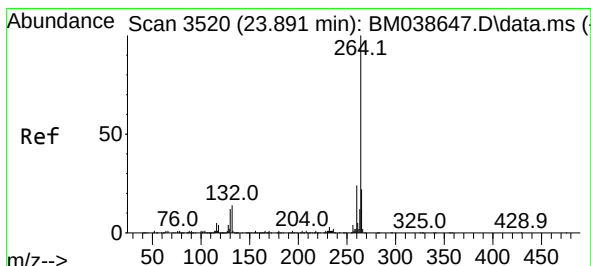
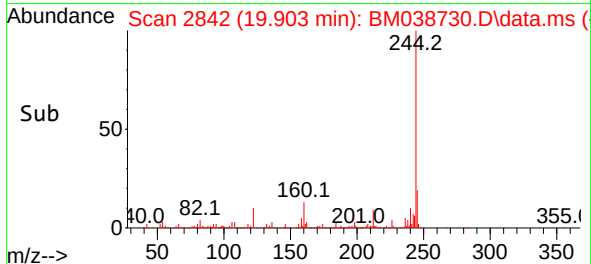
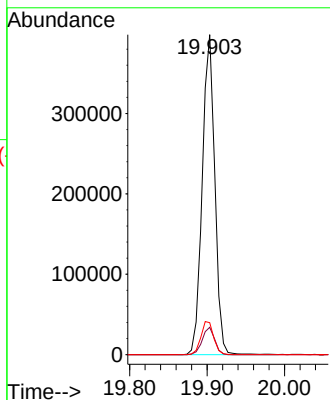
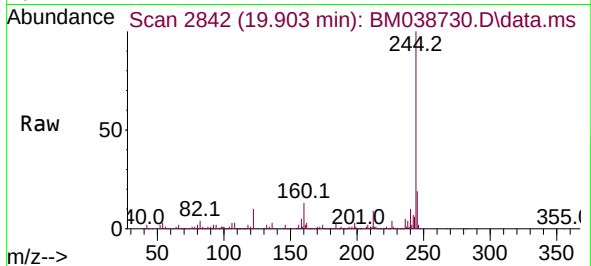




#79
 Terphenyl-d14
 Concen: 56.522 ng
 RT: 19.903 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BM038730.D
 Acq: 14 Feb 2023 15:03

Instrument :
 BNA_M
 ClientSampleId :
 COMP-4-BORING-1-23-25

Tgt Ion:244 Resp: 447202
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 9.8
 122 10.0 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: BM038730.D
 Acq: 14 Feb 2023 15:03

Tgt Ion:264 Resp: 209171
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 22.5 17.9 26.9

