

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011723\
 Data File : BM038463.D
 Acq On : 17 Jan 2023 12:57
 Operator : CG/JU
 Sample : PB150197BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150197BL

Quant Time: Jan 18 03:50:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 03:06:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	56744	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	189120	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	107140	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	227886	20.000	ng	0.00
76) Chrysene-d12	21.527	240	216729	20.000	ng	0.00
86) Perylene-d12	23.950	264	244707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	565365	151.982	ng	0.00
7) Phenol-d6	7.139	99	664027	139.349	ng	0.00
23) Nitrobenzene-d5	9.145	82	435262	93.775	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	239391	132.173	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	805154	93.720	ng	-0.01
79) Terphenyl-d14	19.968	244	1359152	117.399	ng	0.00

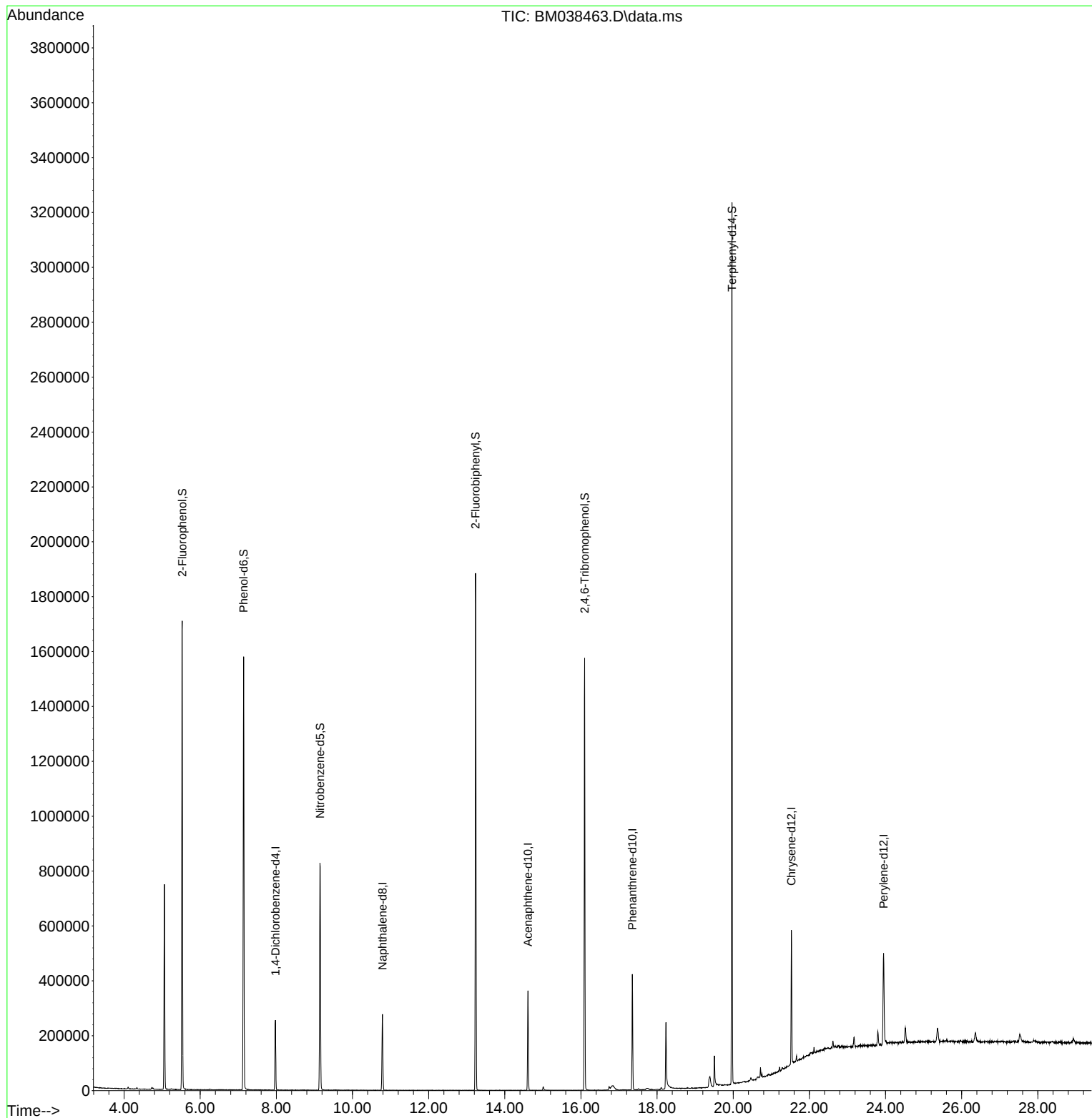
Target Compounds	Qvalue

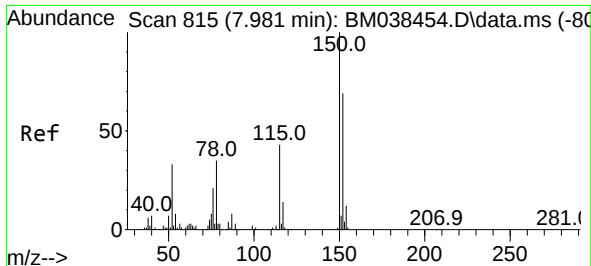
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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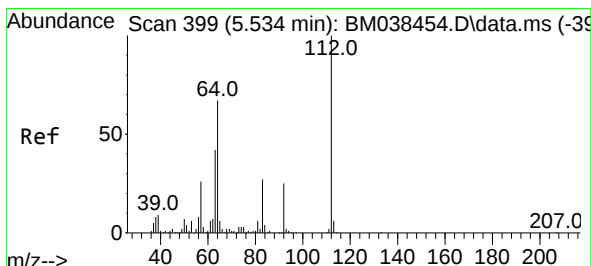
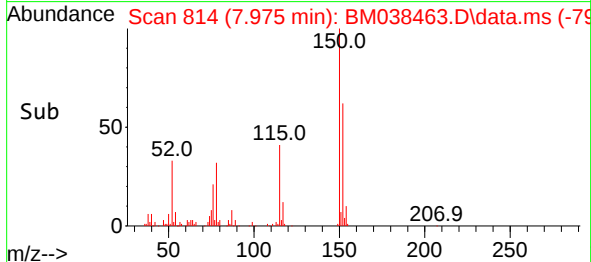
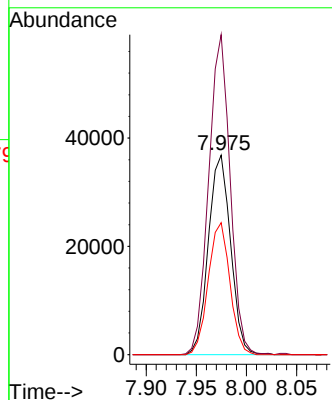
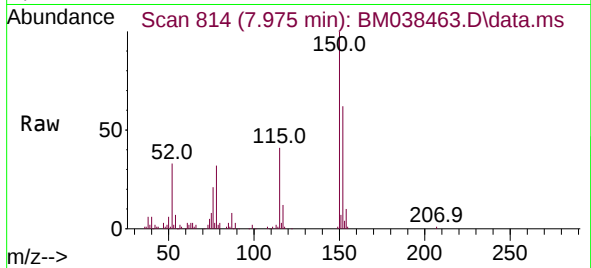




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM038463.D
Acq: 17 Jan 2023 12:57

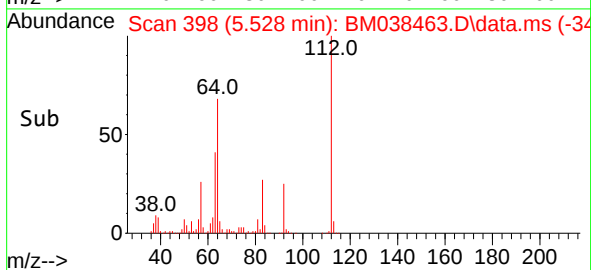
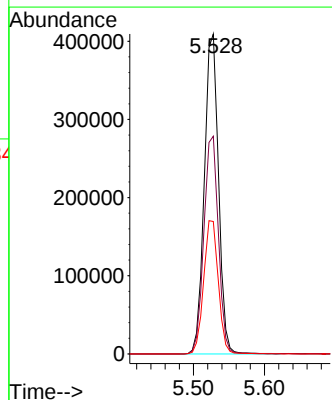
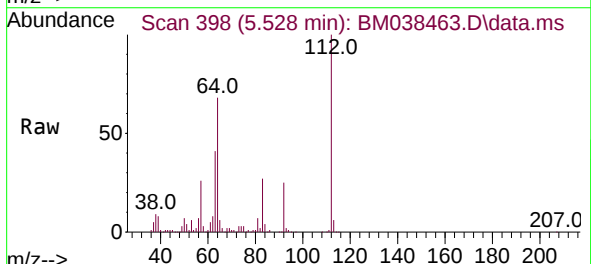
Instrument :
BNA_M
ClientSampleId :
PB150197BL

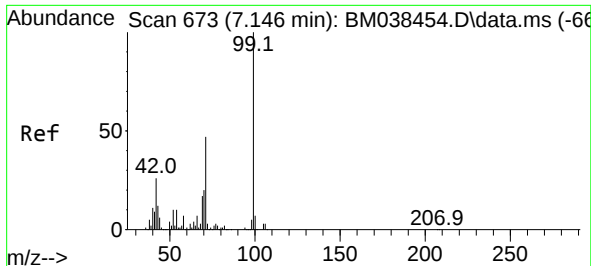
Tgt Ion:152 Resp: 56744
Ion Ratio Lower Upper
152 100
150 160.5 116.0 174.0
115 66.2 49.4 74.2



#5
2-Fluorophenol
Concen: 151.982 ng
RT: 5.528 min Scan# 398
Delta R.T. -0.006 min
Lab File: BM038463.D
Acq: 17 Jan 2023 12:57

Tgt Ion:112 Resp: 565365
Ion Ratio Lower Upper
112 100
64 68.0 53.7 80.5
63 41.4 33.7 50.5

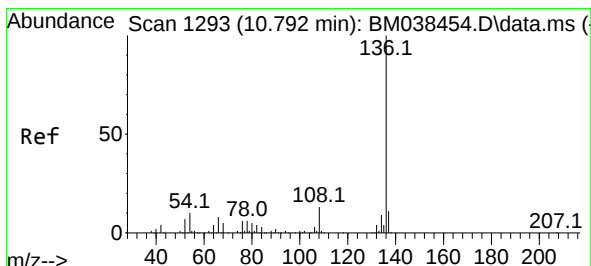
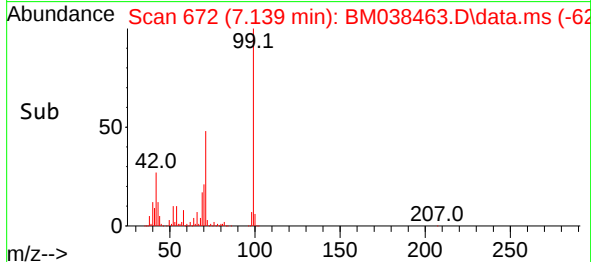
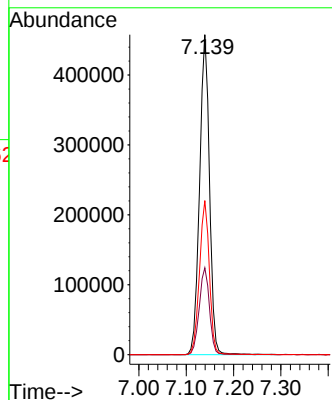
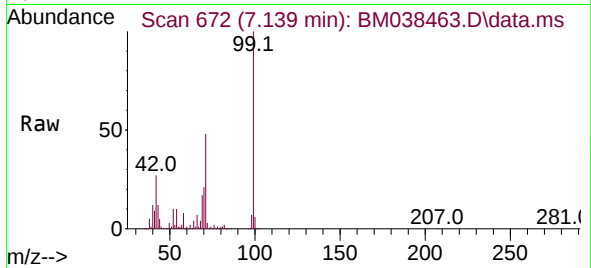




#7
Phenol-d6
Concen: 139.349 ng
RT: 7.139 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038463.D
Acq: 17 Jan 2023 12:57

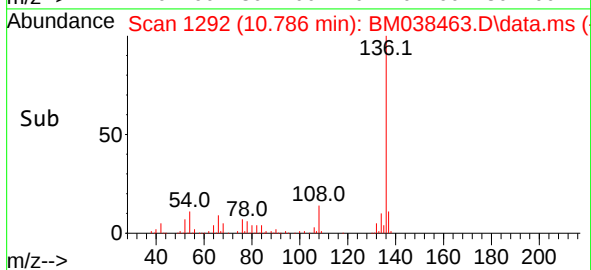
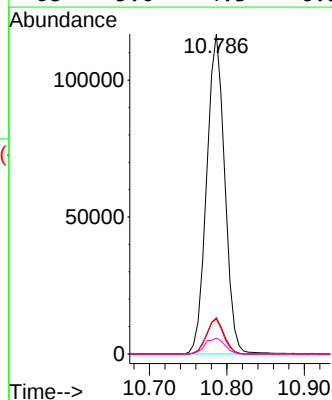
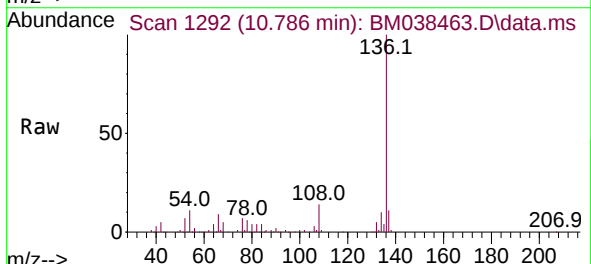
Instrument :
BNA_M
ClientSampleId :
PB150197BL

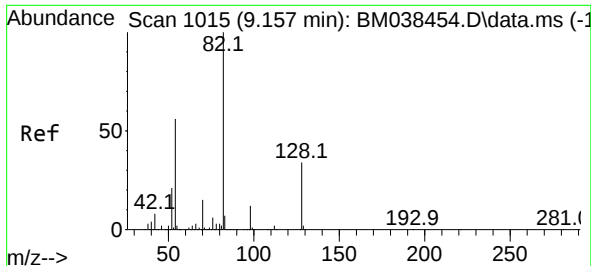
Tgt Ion: 99 Resp: 664027
Ion Ratio Lower Upper
99 100
42 27.1 20.8 31.2
71 48.1 37.8 56.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BM038463.D
Acq: 17 Jan 2023 12:57

Tgt Ion: 136 Resp: 189120
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 10.9 7.6 11.4
68 5.0 4.3 6.5

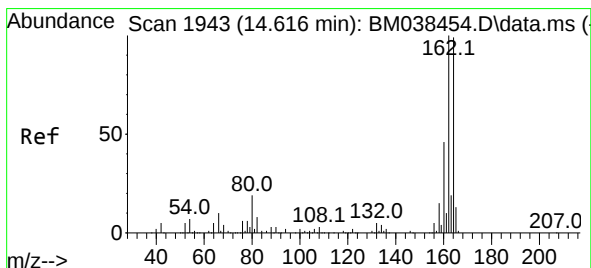
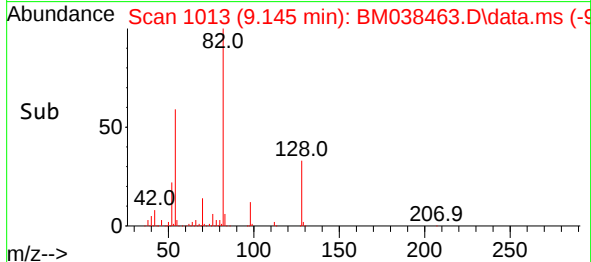
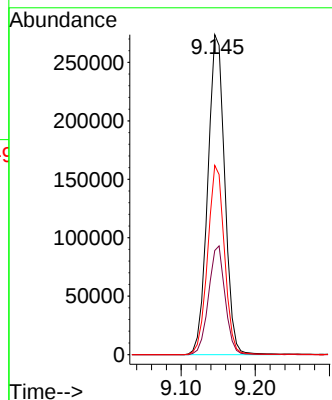
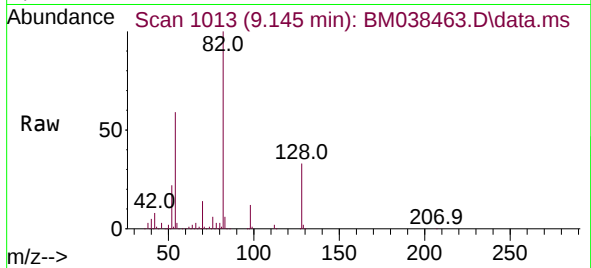




#23
Nitrobenzene-d5
Concen: 93.775 ng
RT: 9.145 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BM038463.D
Acq: 17 Jan 2023 12:57

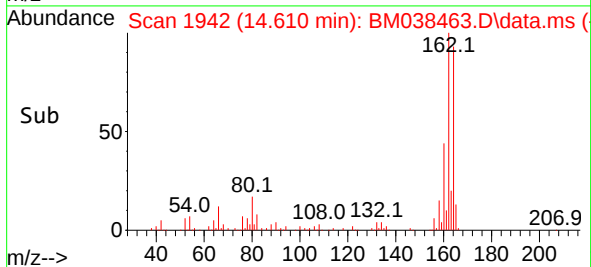
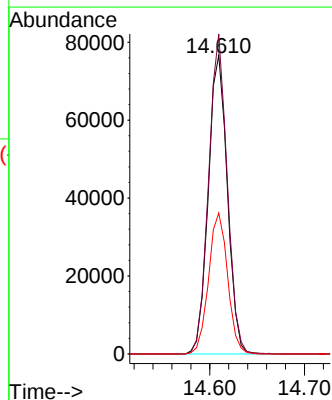
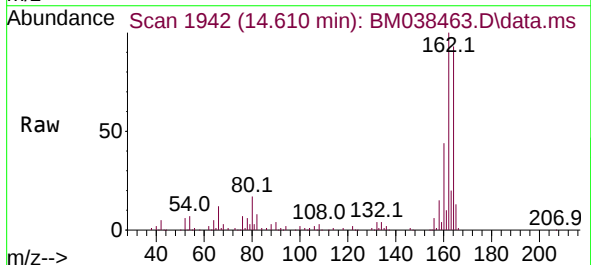
Instrument :
BNA_M
ClientSampleId :
PB150197BL

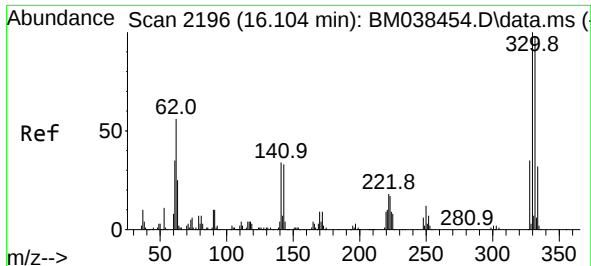
Tgt Ion: 82 Resp: 435262
Ion Ratio Lower Upper
82 100
128 32.5 27.0 40.6
54 59.1 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM038463.D
Acq: 17 Jan 2023 12:57

Tgt Ion:164 Resp: 107140
Ion Ratio Lower Upper
164 100
162 107.1 80.9 121.3
160 47.1 37.4 56.0

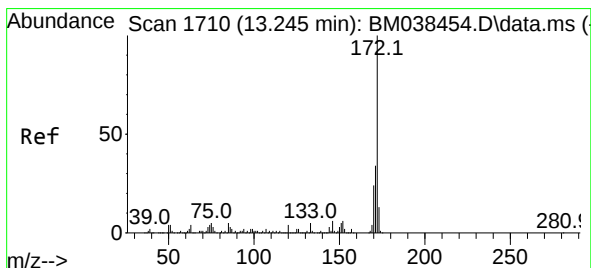
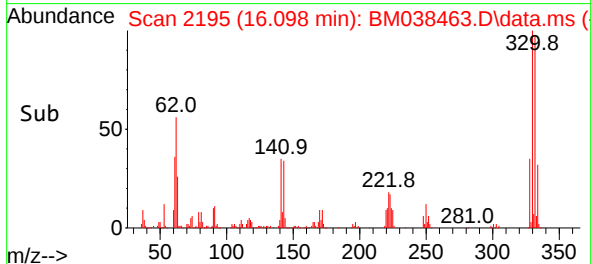
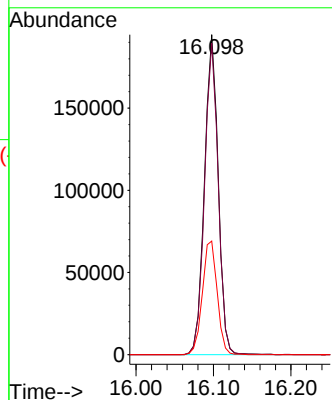
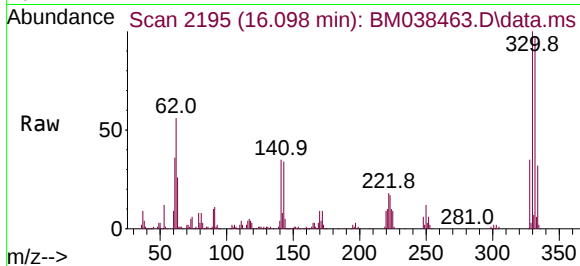




#42
2,4,6-Tribromophenol
Concen: 132.173 ng
RT: 16.098 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM038463.D
Acq: 17 Jan 2023 12:57

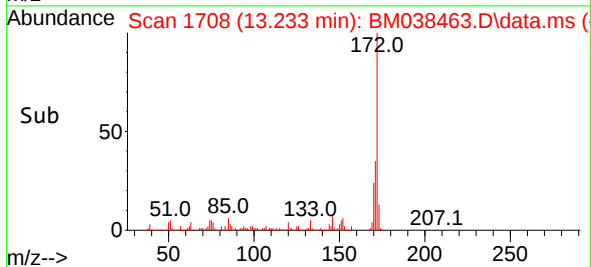
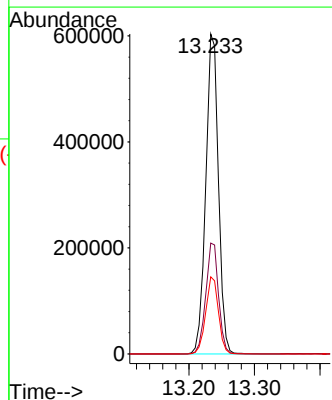
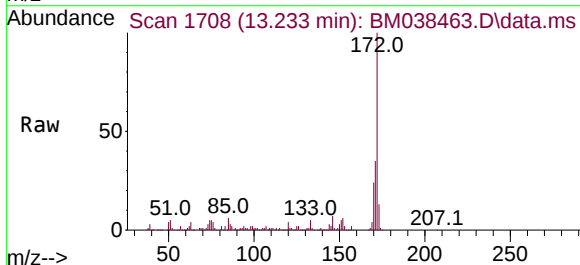
Instrument :
BNA_M
ClientSampleId :
PB150197BL

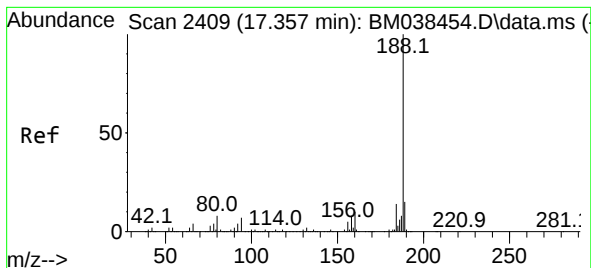
Tgt Ion:330 Resp: 239391
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 38.2 28.1 42.1



#45
2-Fluorobiphenyl
Concen: 93.720 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM038463.D
Acq: 17 Jan 2023 12:57

Tgt Ion:172 Resp: 805154
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 24.1 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM038463.D

Acq: 17 Jan 2023 12:57

Instrument :

BNA_M

ClientSampleId :

PB150197BL

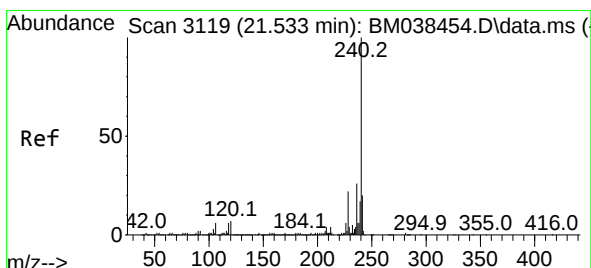
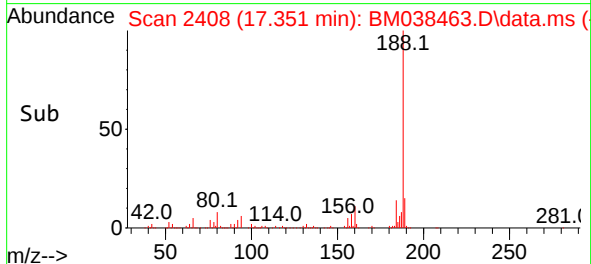
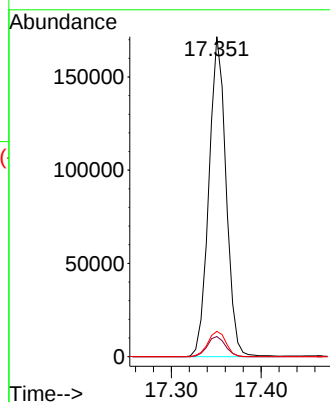
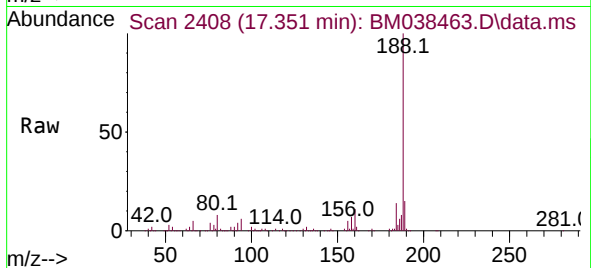
Tgt Ion:188 Resp: 227886

Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 7.9 6.5 9.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM038463.D

Acq: 17 Jan 2023 12:57

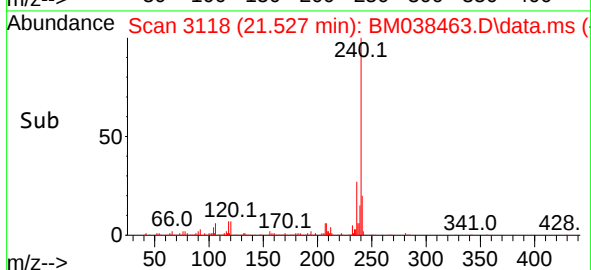
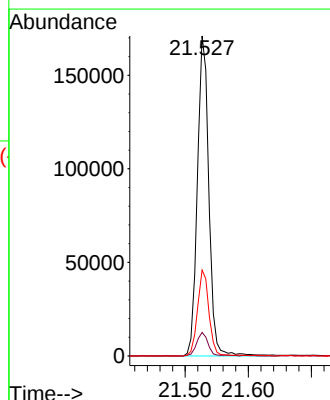
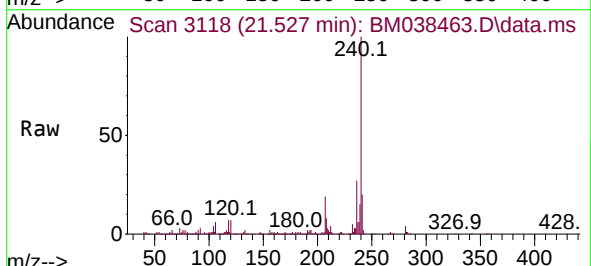
Tgt Ion:240 Resp: 216729

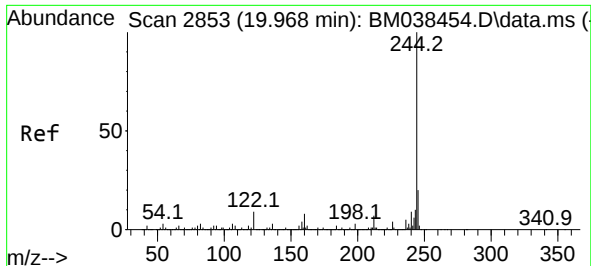
Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

236 26.8 21.0 31.4

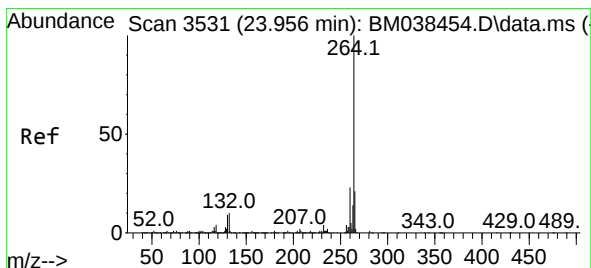
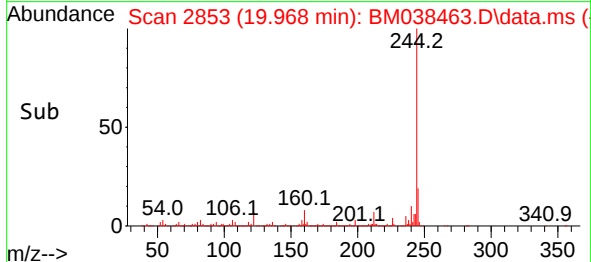
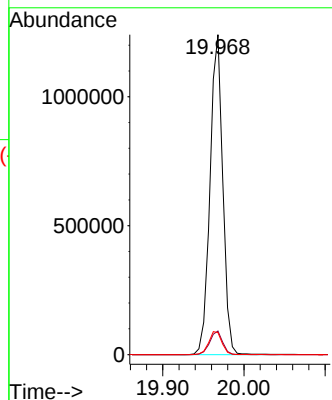
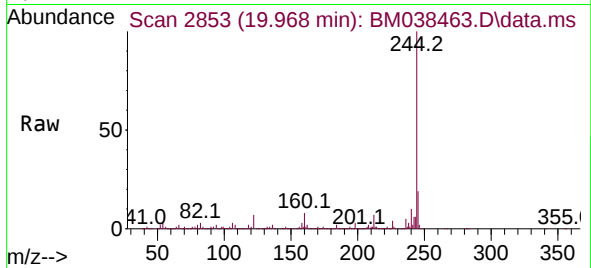




#79
 Terphenyl-d14
 Concen: 117.399 ng
 RT: 19.968 min Scan# 2853
 Delta R.T. -0.000 min
 Lab File: BM038463.D
 Acq: 17 Jan 2023 12:57

Instrument :
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 ClientSampleId :
 PB150197BL

Tgt Ion:244 Resp: 1359152
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 6.9 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.950 min Scan# 3530
 Delta R.T. -0.006 min
 Lab File: BM038463.D
 Acq: 17 Jan 2023 12:57

Tgt Ion:264 Resp: 244707
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.4
 265 21.8 17.2 25.8

