

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039147.D
 Acq On : 24 Mar 2023 18:29
 Operator : CG/JU
 Sample : 02045-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC1-20230322

Quant Time: Mar 25 01:07:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

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

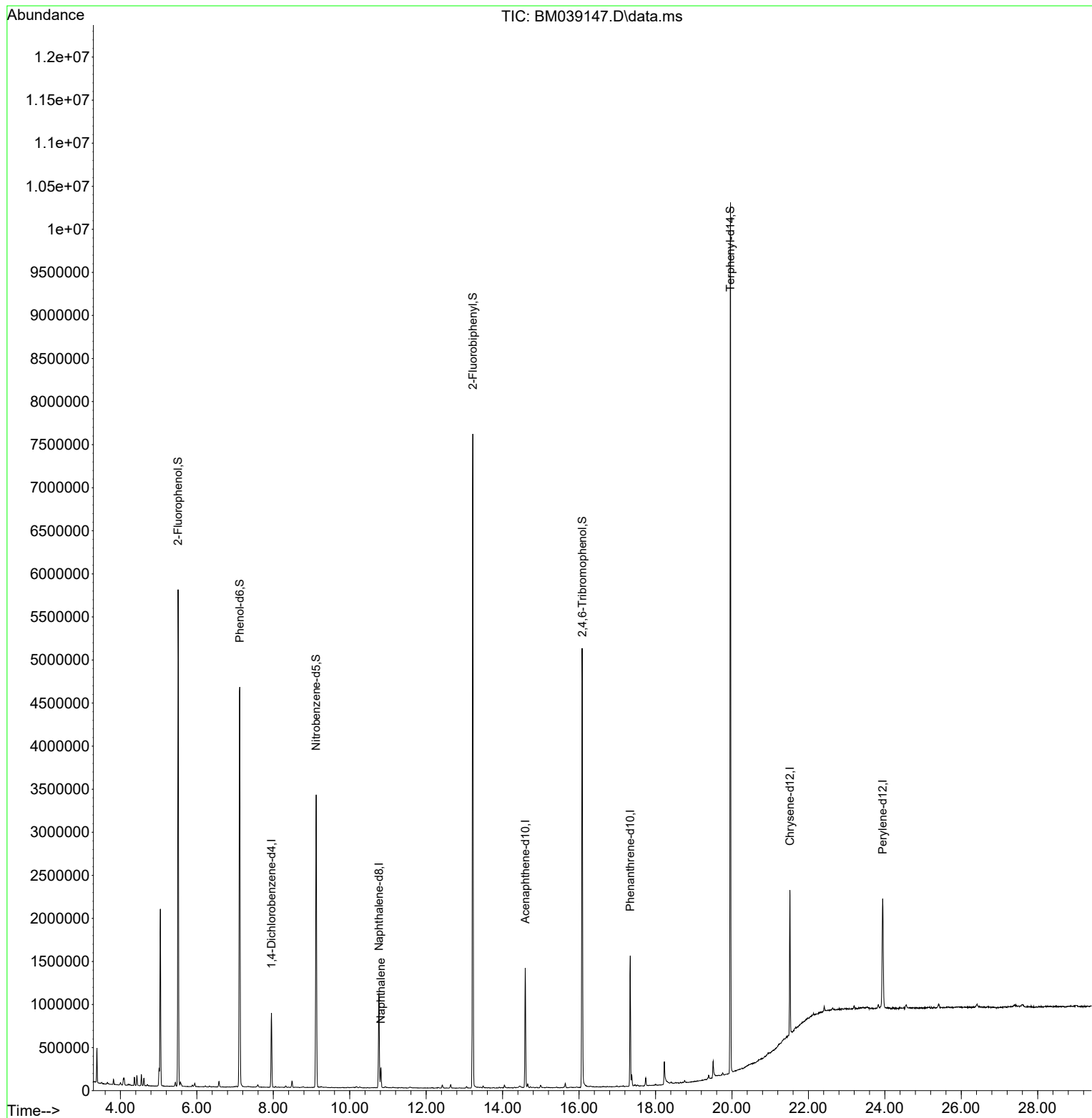
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	224417	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	853781	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	455366	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	858919	20.000	ng	0.00
76) Chrysene-d12	21.515	240	766111	20.000	ng	-0.01
86) Perylene-d12	23.944	264	948593	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	2431879	164.637	ng	0.00
7) Phenol-d6	7.122	99	2835645	147.795	ng	0.00
23) Nitrobenzene-d5	9.122	82	1924497	110.723	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	930837	176.701	ng	0.00
45) 2-Fluorobiphenyl	13.221	172	3738525	106.877	ng	0.00
79) Terphenyl-d14	19.962	244	4830243	115.274	ng	0.00
Target Compounds						
31) Naphthalene	10.816	128	188453	3.871	ng	Qvalue 99

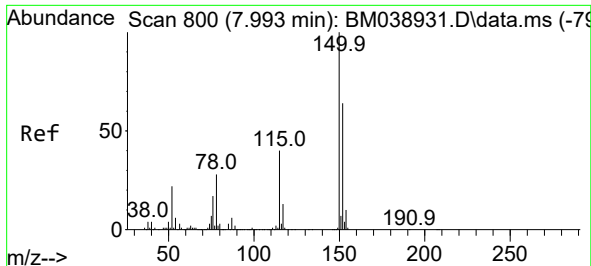
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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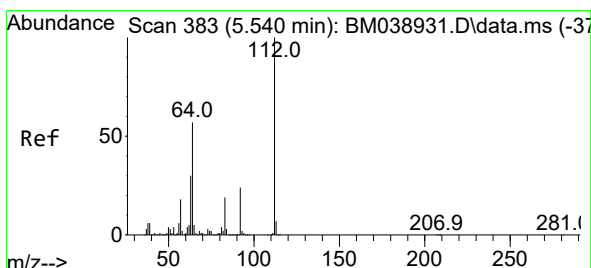
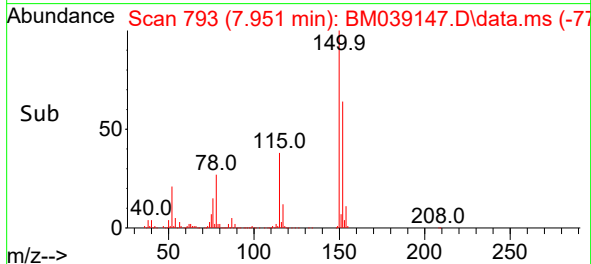
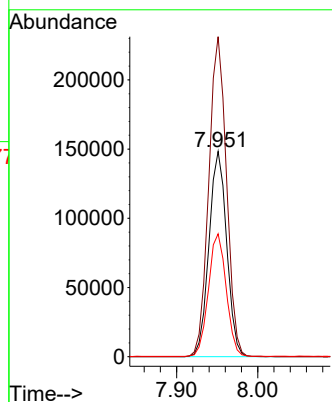
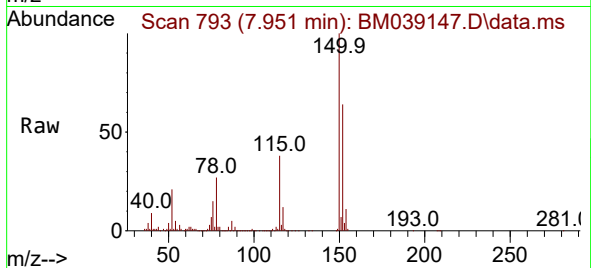




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

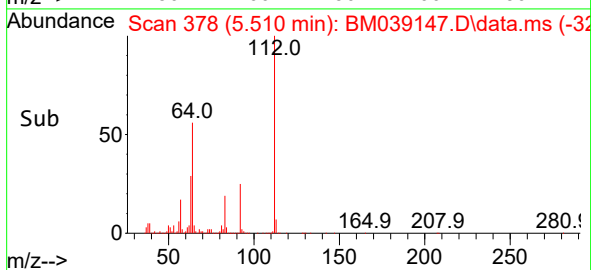
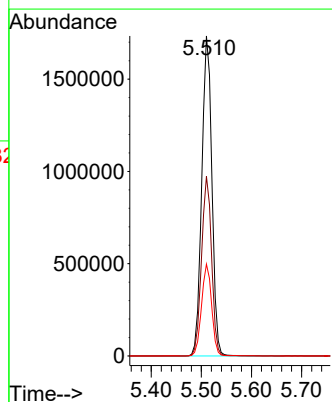
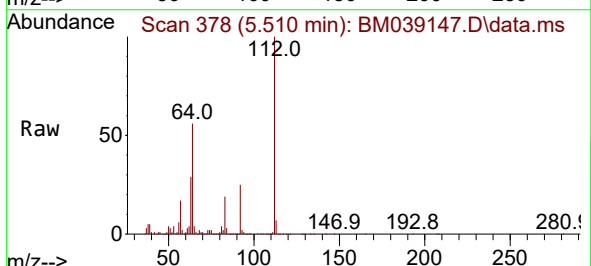
Instrument :
BNA_M
ClientSampleId :
WC1-20230322

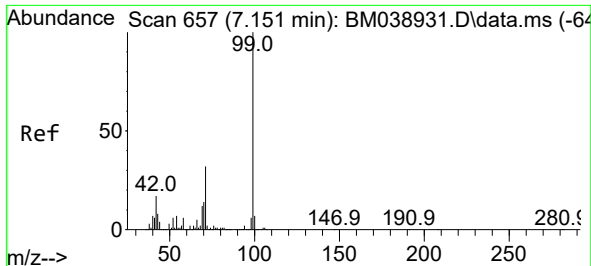
Tgt Ion:152 Resp: 224417
Ion Ratio Lower Upper
152 100
150 155.9 125.1 187.7
115 59.9 49.6 74.4



#5
2-Fluorophenol
Concen: 164.637 ng
RT: 5.510 min Scan# 378
Delta R.T. 0.006 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

Tgt Ion:112 Resp: 2431879
Ion Ratio Lower Upper
112 100
64 56.1 45.9 68.9
63 28.7 23.8 35.8

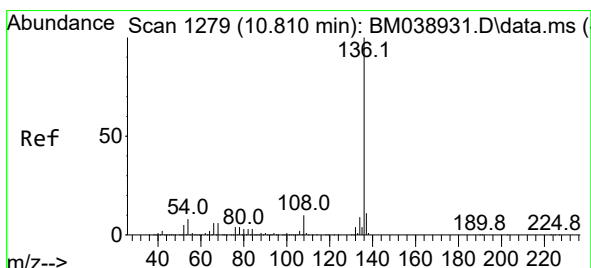
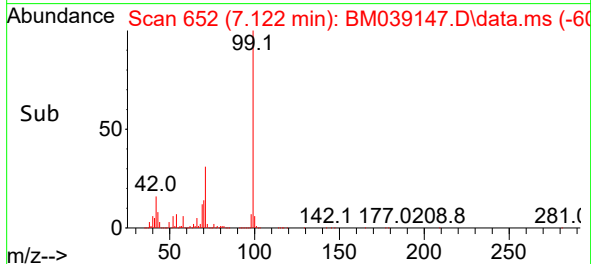
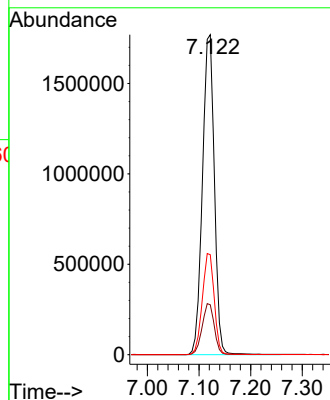
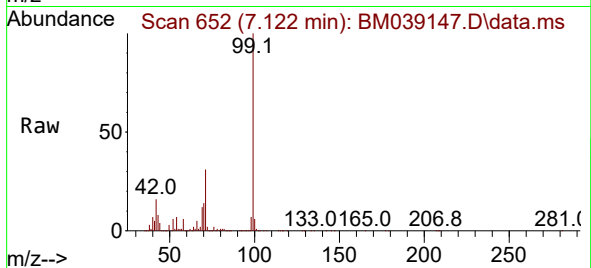




#7
Phenol-d6
Concen: 147.795 ng
RT: 7.122 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

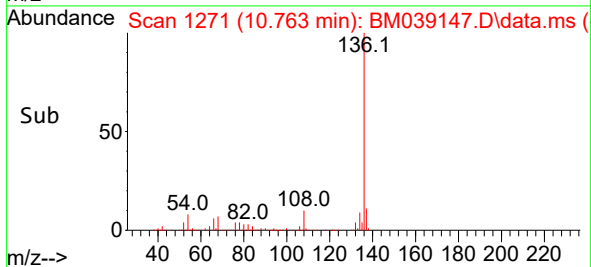
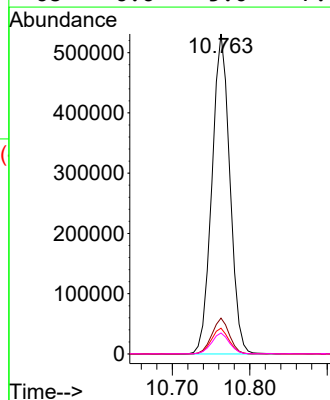
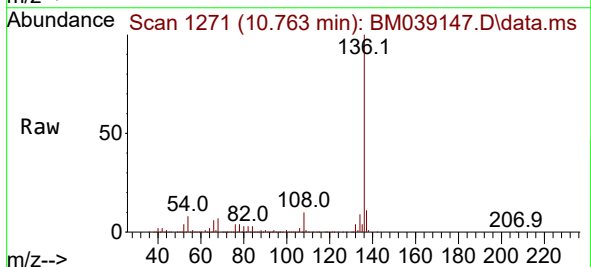
Instrument :
BNA_M
ClientSampleId :
WC1-20230322

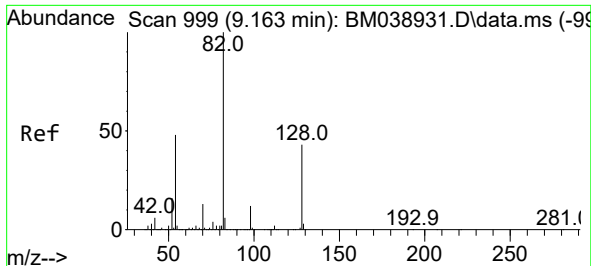
Tgt Ion: 99 Resp: 2835645
Ion Ratio Lower Upper
99 100
42 15.6 13.5 20.3
71 31.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

Tgt Ion: 136 Resp: 853781
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.1 6.3 9.5
68 6.6 5.0 7.6

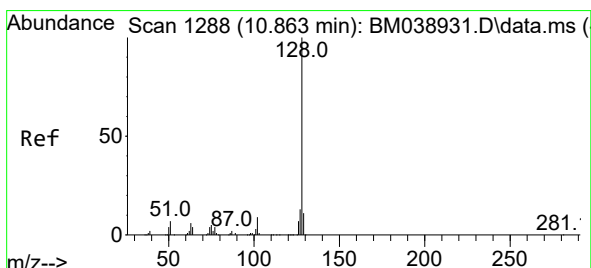
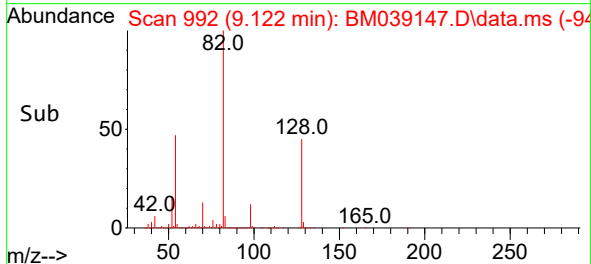
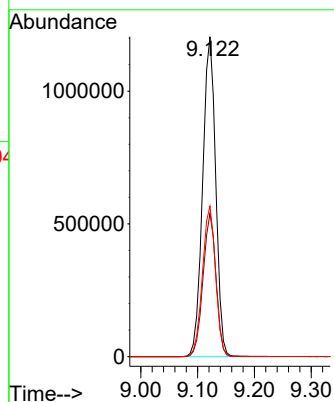
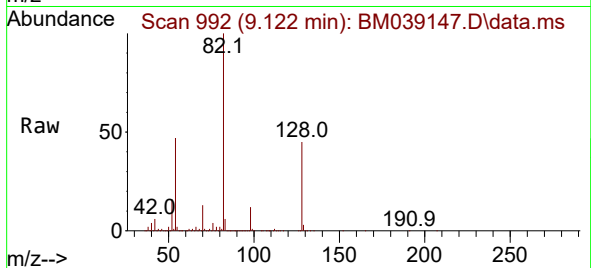




#23
Nitrobenzene-d5
Concen: 110.723 ng
RT: 9.122 min Scan# 992
Delta R.T. -0.000 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

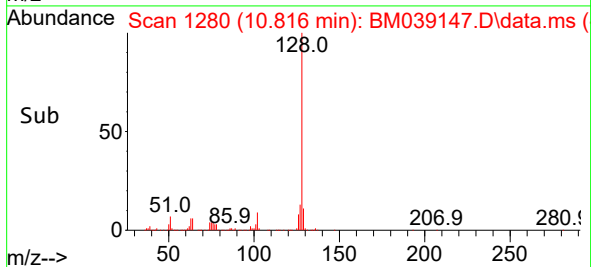
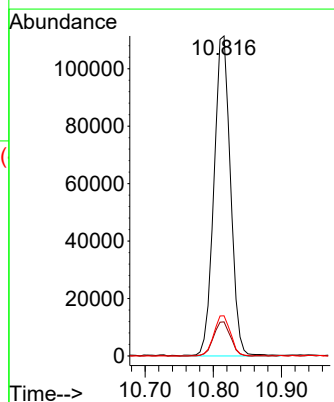
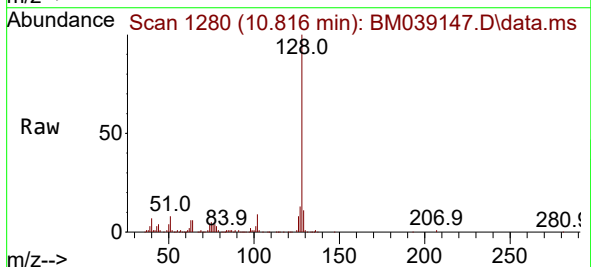
Instrument :
BNA_M
ClientSampleId :
WC1-20230322

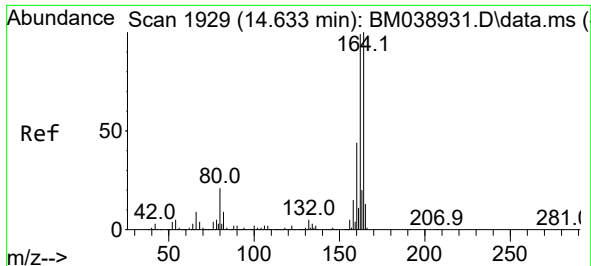
Tgt Ion: 82 Resp: 1924497
Ion Ratio Lower Upper
82 100
128 44.7 34.4 51.6
54 47.1 38.8 58.2



#31
Naphthalene
Concen: 3.871 ng
RT: 10.816 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

Tgt Ion: 128 Resp: 188453
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.5 10.2 15.4

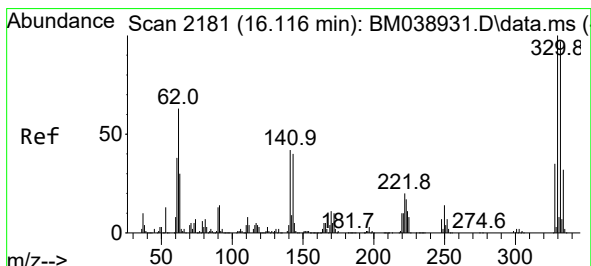
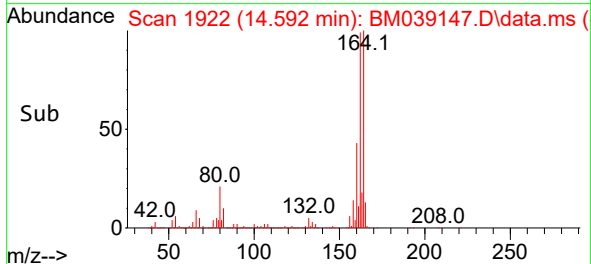
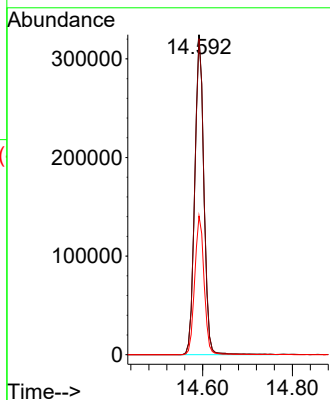
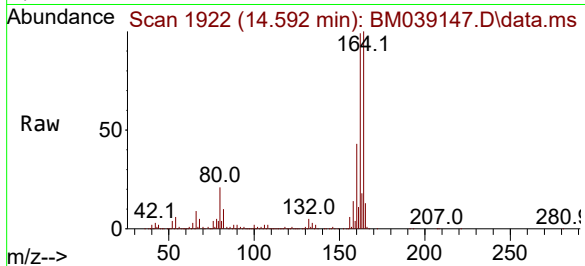




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

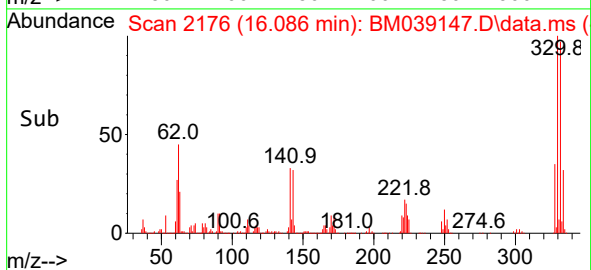
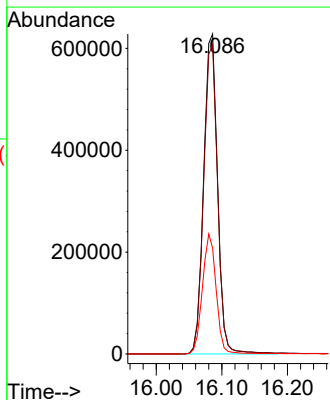
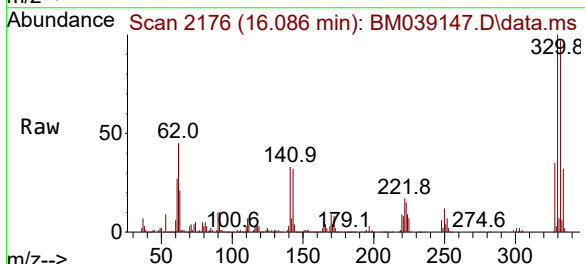
Instrument :
BNA_M
ClientSampleId :
WC1-20230322

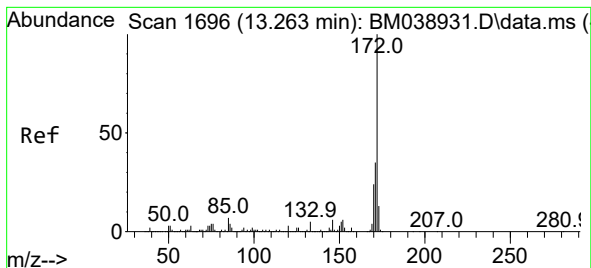
Tgt Ion:164 Resp: 455366
Ion Ratio Lower Upper
164 100
162 98.8 79.2 118.8
160 43.3 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 176.701 ng
RT: 16.086 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BM039147.D
Acq: 24 Mar 2023 18:29

Tgt Ion:330 Resp: 930837
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 37.1 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 106.877 ng

RT: 13.221 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039147.D

Acq: 24 Mar 2023 18:29

Instrument :

BNA_M

ClientSampleId :

WC1-20230322

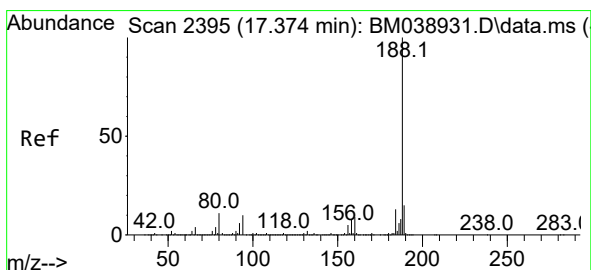
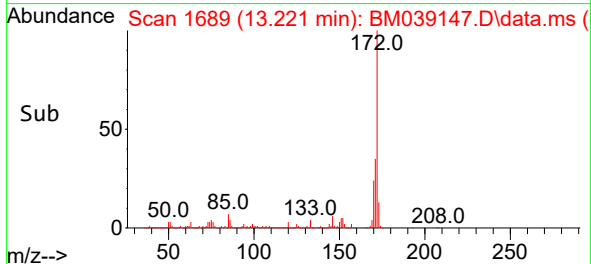
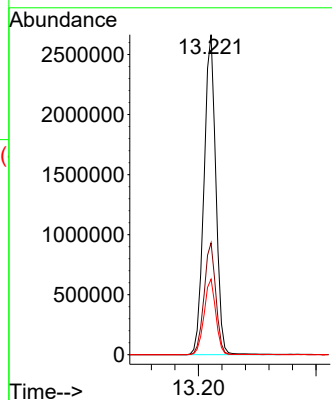
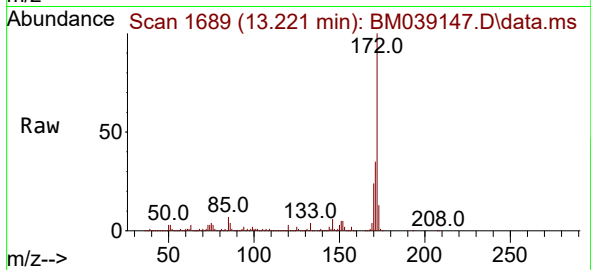
Tgt Ion:172 Resp: 3738525

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.6 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 2389

Delta R.T. -0.006 min

Lab File: BM039147.D

Acq: 24 Mar 2023 18:29

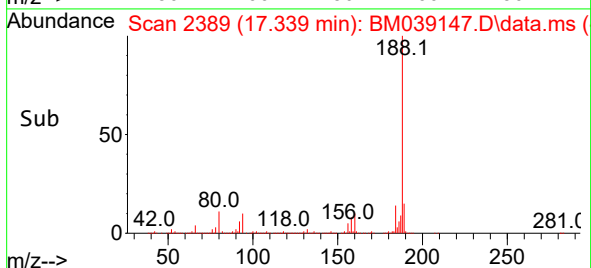
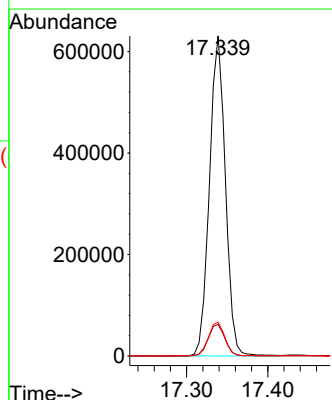
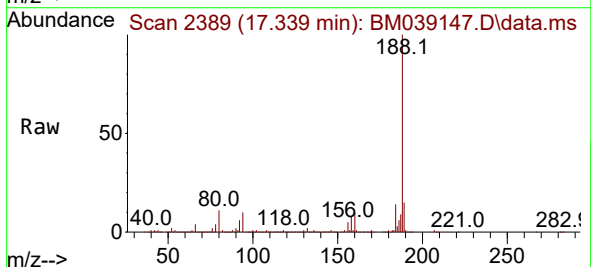
Tgt Ion:188 Resp: 858919

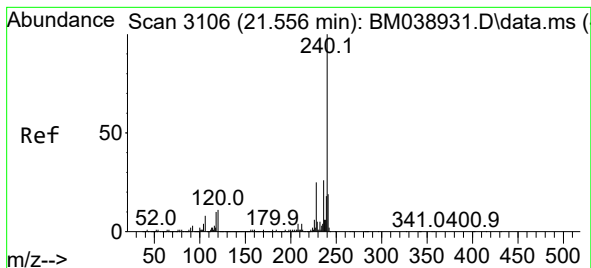
Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.6 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM039147.D

Acq: 24 Mar 2023 18:29

Instrument :

BNA_M

ClientSampleId :

WC1-20230322

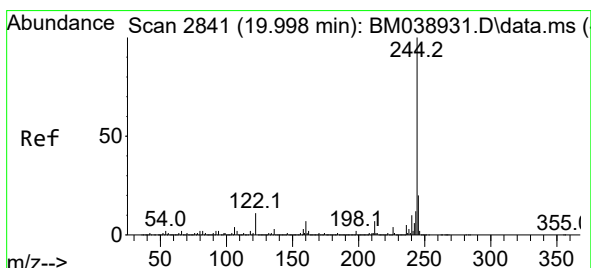
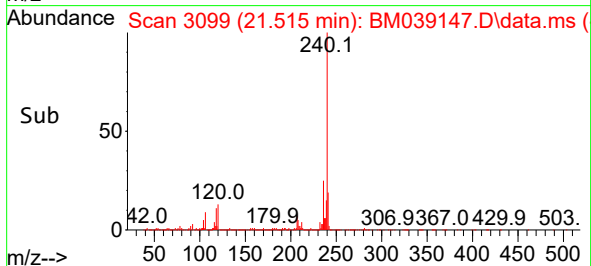
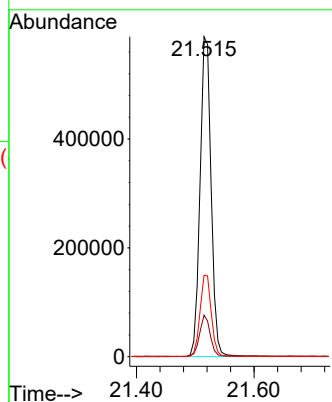
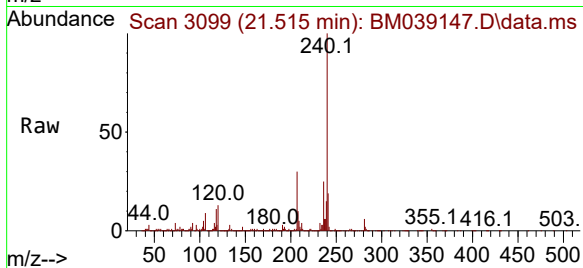
Tgt Ion:240 Resp: 766111

Ion Ratio Lower Upper

240 100

120 13.0 9.2 13.8

236 25.4 20.8 31.2



#79

Terphenyl-d14

Concen: 115.274 ng

RT: 19.962 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BM039147.D

Acq: 24 Mar 2023 18:29

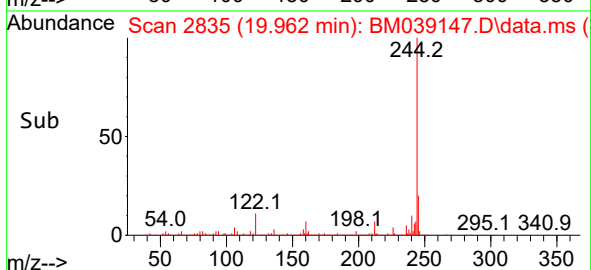
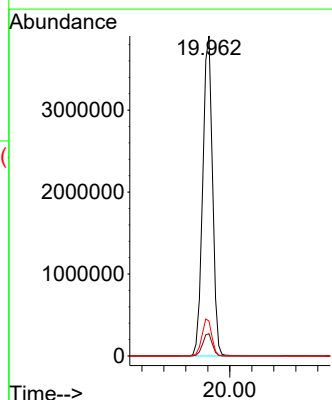
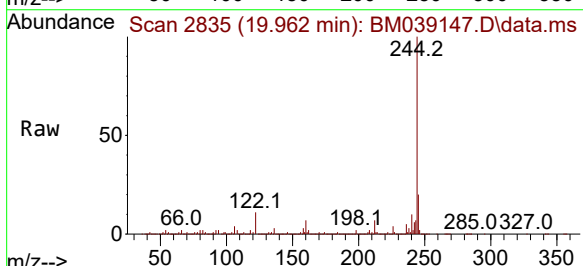
Tgt Ion:244 Resp: 4830243

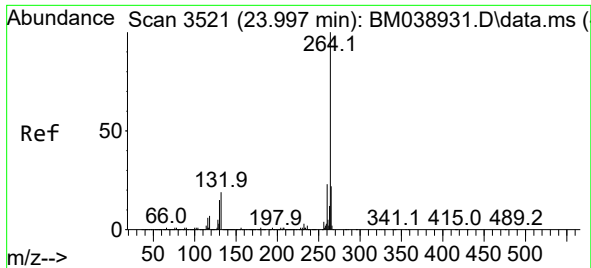
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 10.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.944 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM039147.D
 Acq: 24 Mar 2023 18:29

Instrument :
 BNA_M
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Tgt Ion:264 Resp: 948593
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 22.2 17.9 26.9

