

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039247.D
 Acq On : 31 Mar 2023 11:08
 Operator : CG/JU
 Sample : PB151761BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151761BL

Quant Time: Mar 31 17:10:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	210481	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	830020	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	465042	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	941757	20.000	ng	0.00
76) Chrysene-d12	21.492	240	755088	20.000	ng	0.00
86) Perylene-d12	23.903	264	819722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1973998	141.297	ng	0.00
7) Phenol-d6	7.087	99	2466888	136.520	ng	0.00
23) Nitrobenzene-d5	9.087	82	1490413	87.272	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	736853	124.821	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	3028147	88.226	ng	0.00
79) Terphenyl-d14	19.933	244	4086164	99.981	ng	0.00

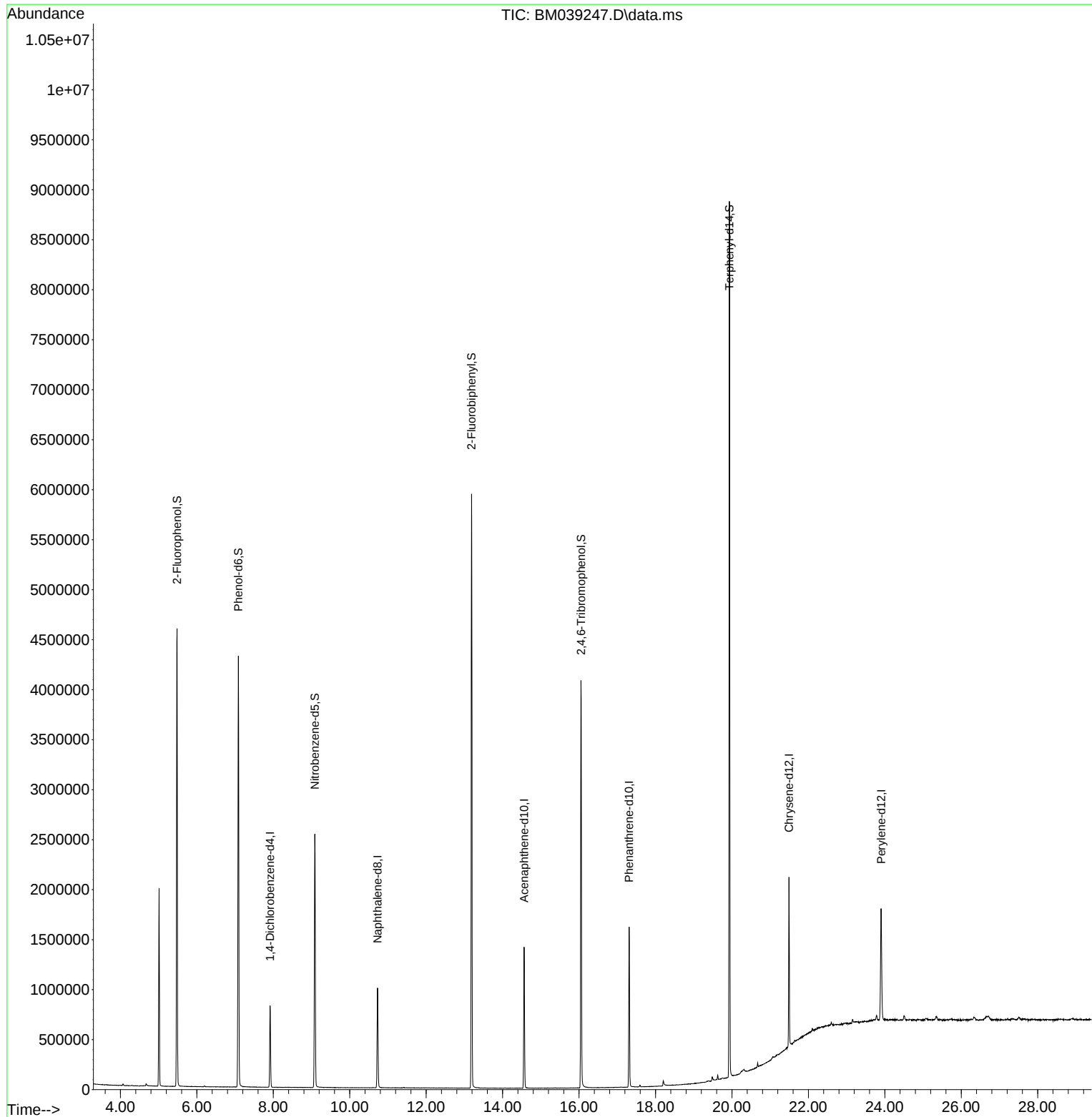
Target Compounds	Qvalue

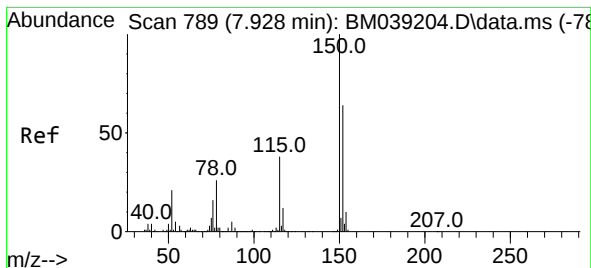
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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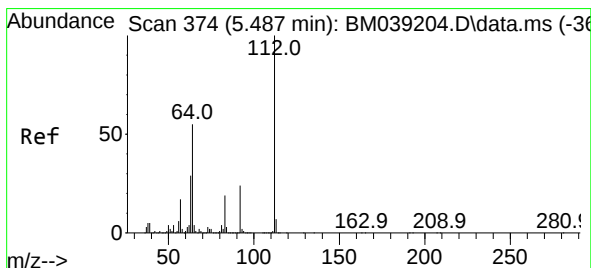
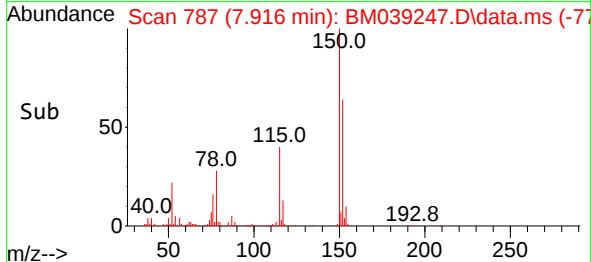
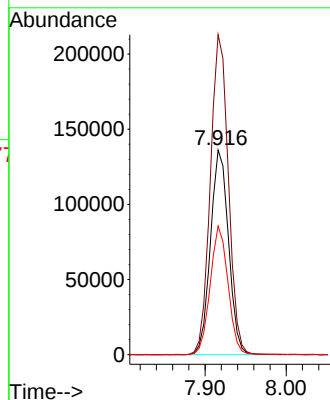
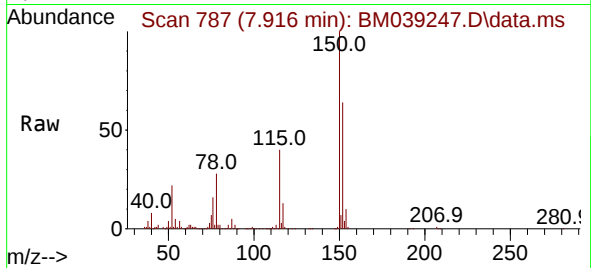




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM039247.D
Acq: 31 Mar 2023 11:08

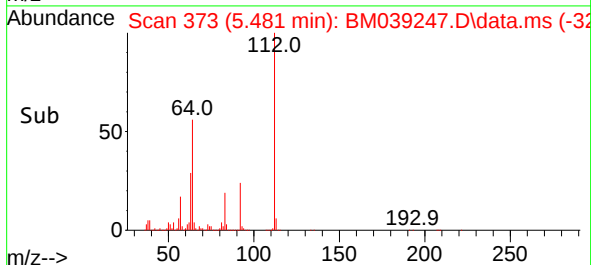
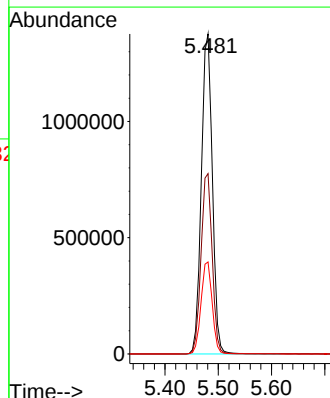
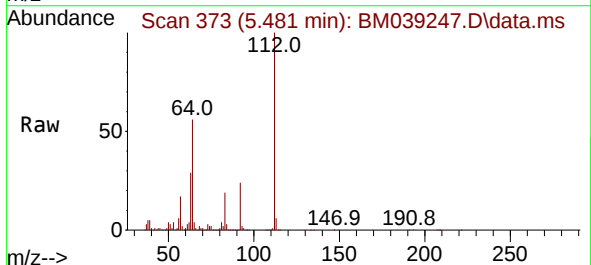
Instrument :
BNA_M
ClientSampleId :
PB151761BL

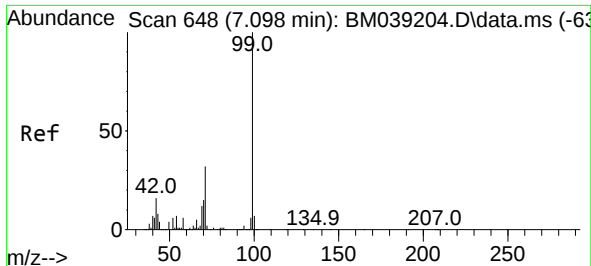
Tgt Ion:152 Resp: 210481
Ion Ratio Lower Upper
152 100
150 156.4 125.5 188.3
115 62.9 48.1 72.1



#5
2-Fluorophenol
Concen: 141.297 ng
RT: 5.481 min Scan# 373
Delta R.T. 0.006 min
Lab File: BM039247.D
Acq: 31 Mar 2023 11:08

Tgt Ion:112 Resp: 1973998
Ion Ratio Lower Upper
112 100
64 56.4 44.3 66.5
63 28.8 23.0 34.6

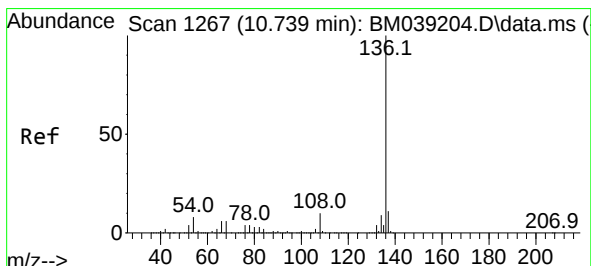
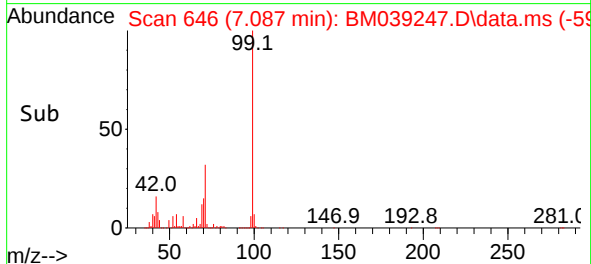
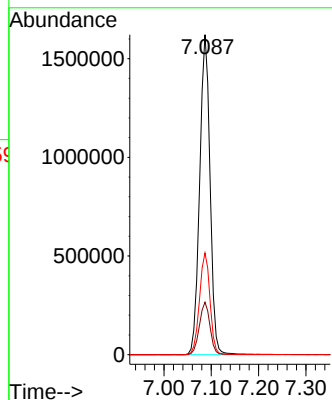
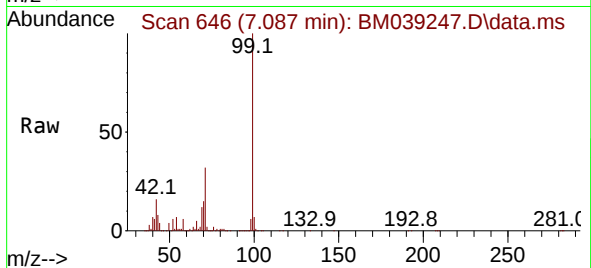




#7
Phenol-d6
Concen: 136.520 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM039247.D
Acq: 31 Mar 2023 11:08

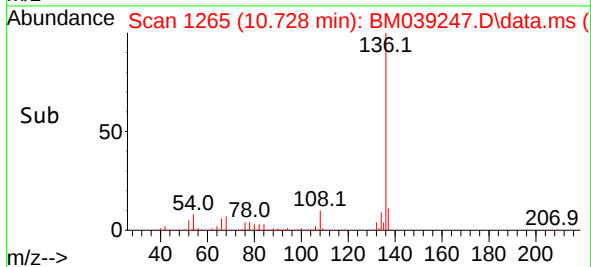
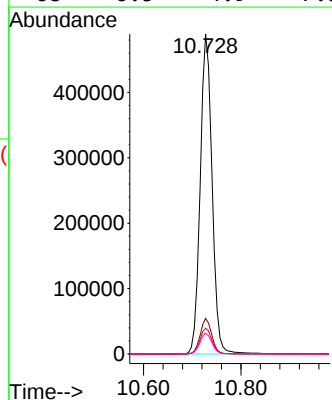
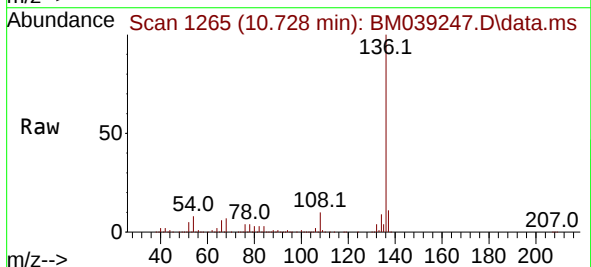
Instrument :
BNA_M
ClientSampleId :
PB151761BL

Tgt Ion: 99 Resp: 2466888
Ion Ratio Lower Upper
99 100
42 16.4 13.0 19.6
71 31.8 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM039247.D
Acq: 31 Mar 2023 11:08

Tgt Ion: 136 Resp: 830020
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.0 6.2 9.4
68 6.5 4.9 7.3

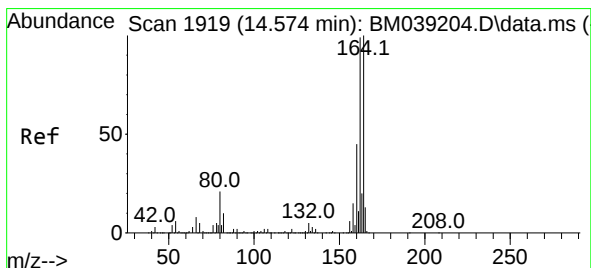
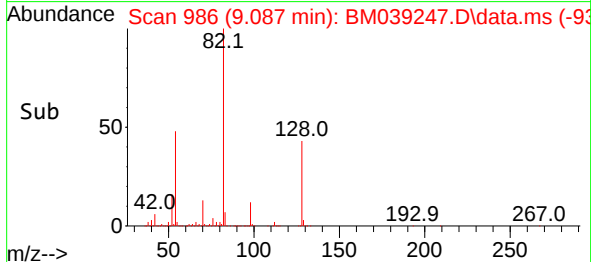
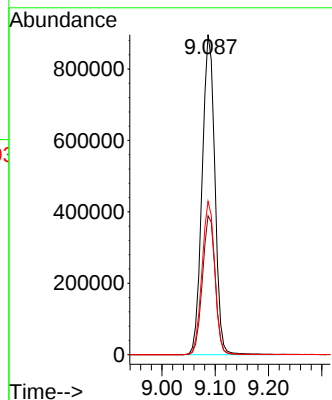
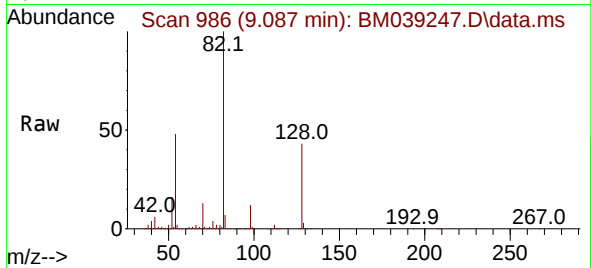




#23
Nitrobenzene-d5
Concen: 87.272 ng
RT: 9.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039247.D
Acq: 31 Mar 2023 11:08

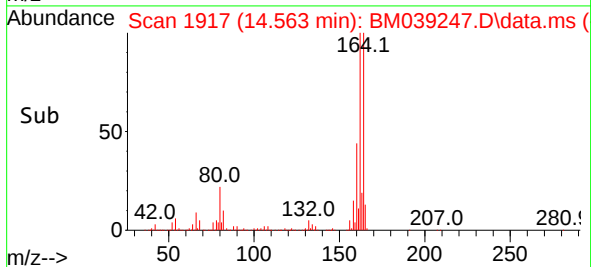
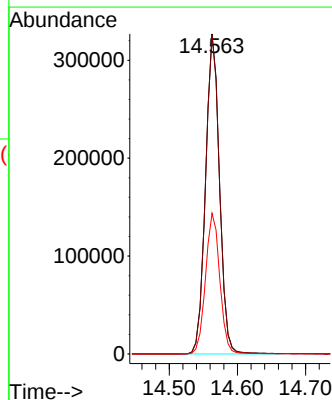
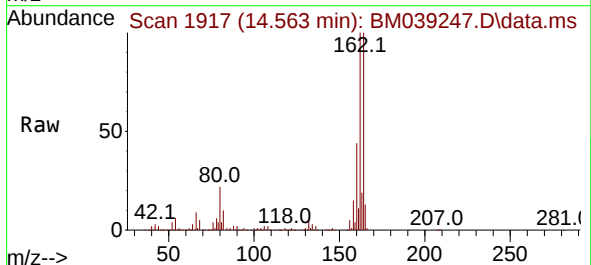
Instrument :
BNA_M
ClientSampleId :
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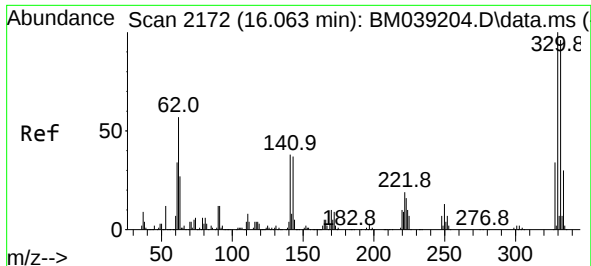
Tgt Ion: 82 Resp: 1490413
Ion Ratio Lower Upper
82 100
128 43.4 35.1 52.7
54 47.9 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM039247.D
Acq: 31 Mar 2023 11:08

Tgt Ion: 164 Resp: 465042
Ion Ratio Lower Upper
164 100
162 99.7 79.1 118.7
160 44.0 35.8 53.8

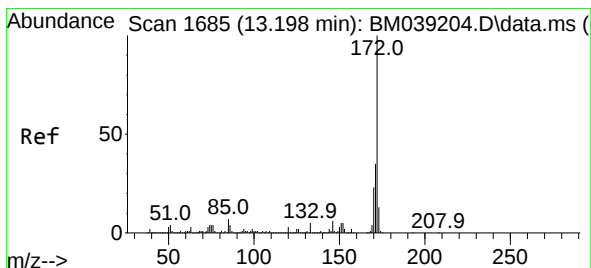
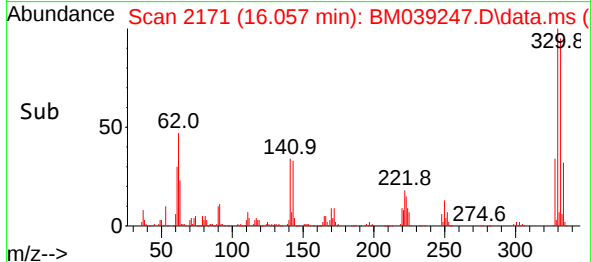
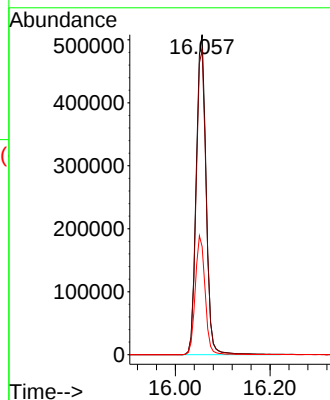
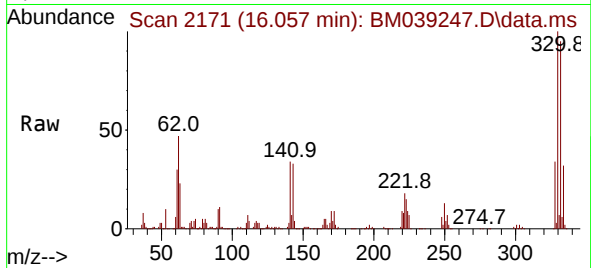




#42
2,4,6-Tribromophenol
Concen: 124.821 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM039247.D
Acq: 31 Mar 2023 11:08

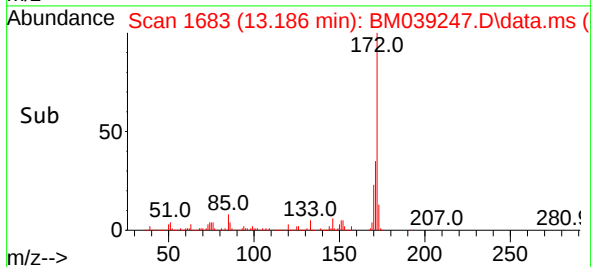
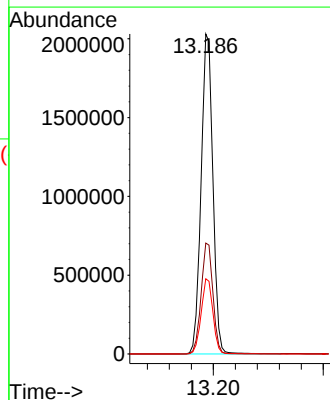
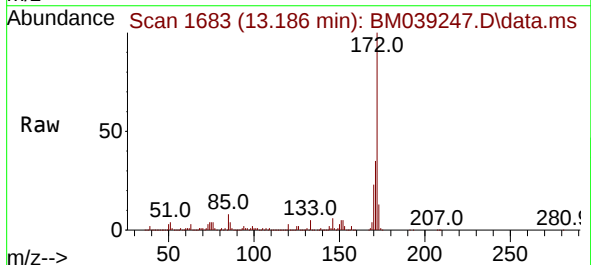
Instrument :
BNA_M
ClientSampleId :
PB151761BL

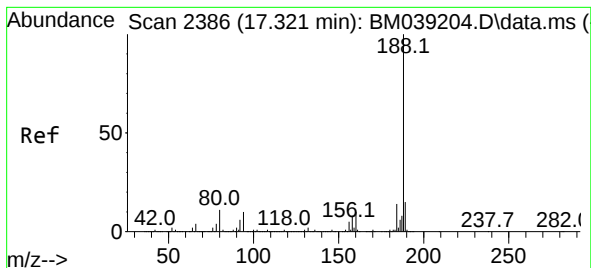
Tgt Ion:330 Resp: 736853
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 37.1 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 88.226 ng
RT: 13.186 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM039247.D
Acq: 31 Mar 2023 11:08

Tgt Ion:172 Resp: 3028147
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039247.D

Acq: 31 Mar 2023 11:08

Instrument :

BNA_M

ClientSampleId :

PB151761BL

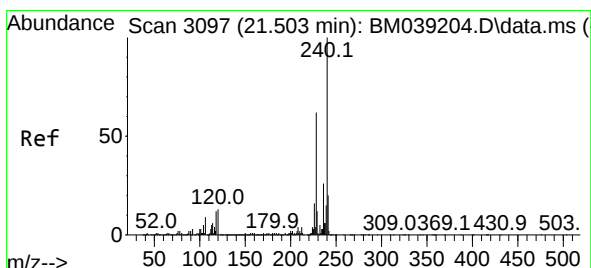
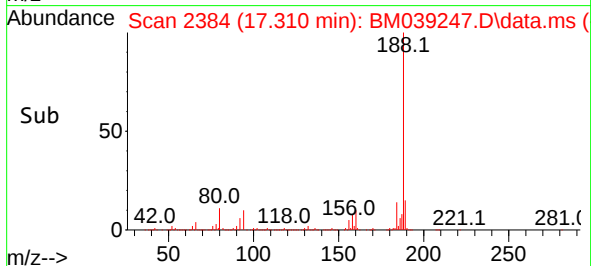
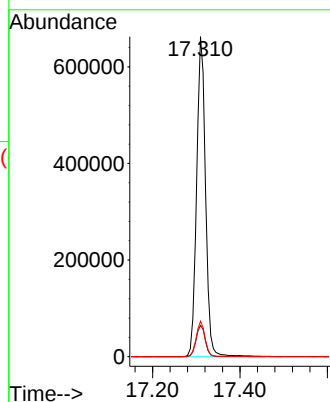
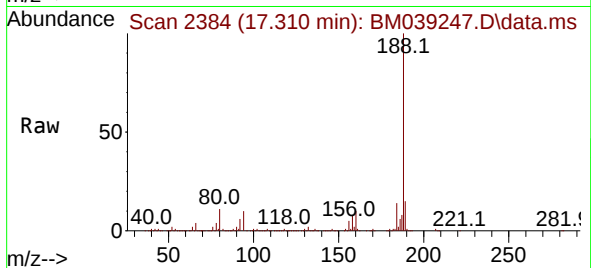
Tgt Ion:188 Resp: 941757

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

80 11.1 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM039247.D

Acq: 31 Mar 2023 11:08

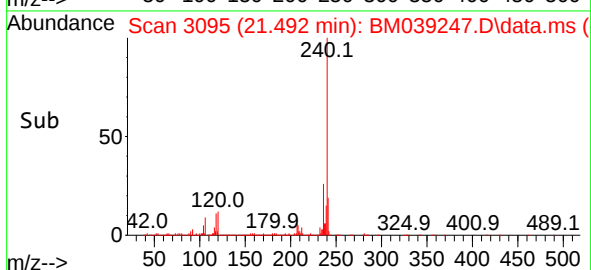
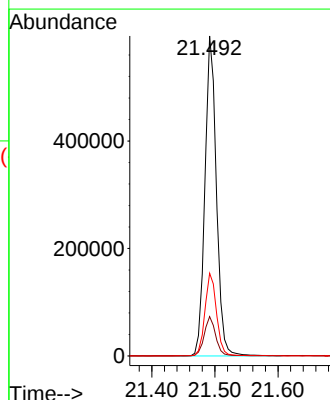
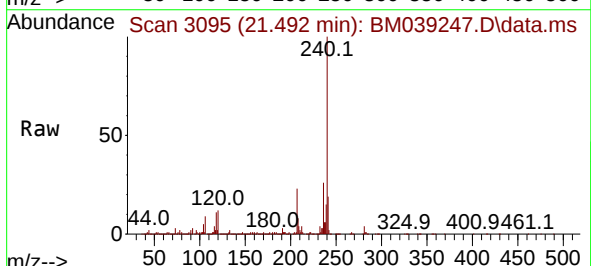
Tgt Ion:240 Resp: 755088

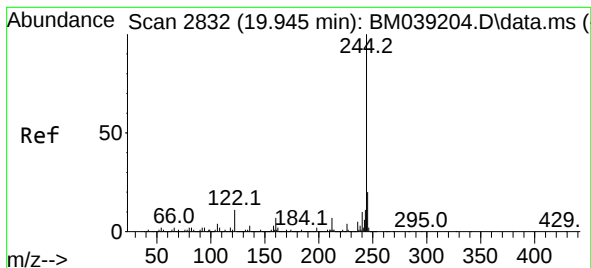
Ion Ratio Lower Upper

240 100

120 12.3 10.2 15.2

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 99.981 ng

RT: 19.933 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039247.D

Acq: 31 Mar 2023 11:08

Instrument :

BNA_M

ClientSampleId :

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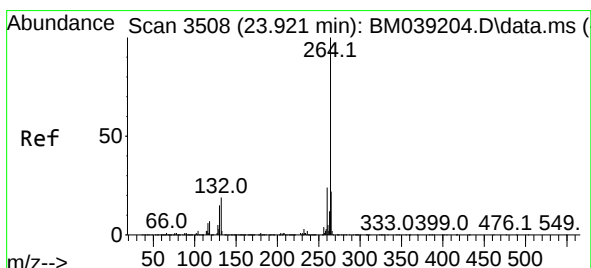
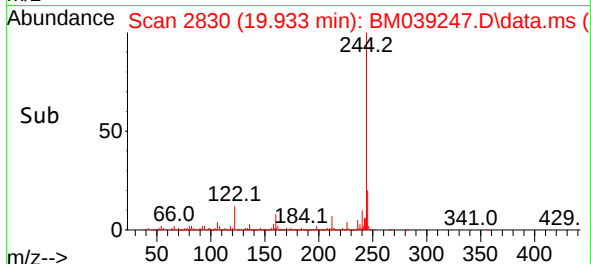
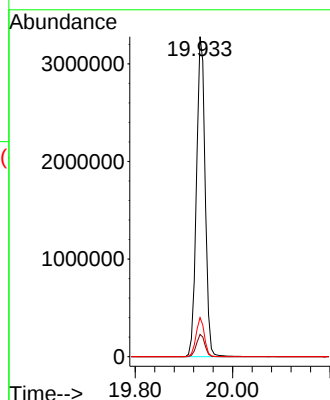
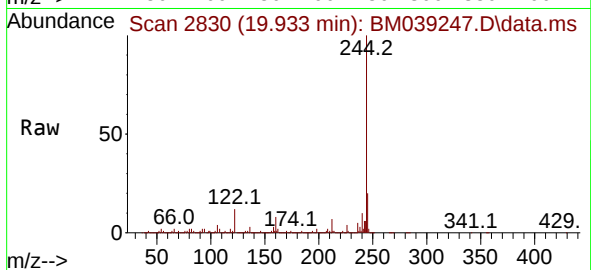
Tgt Ion:244 Resp: 4086164

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 12.2 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.903 min Scan# 3505

Delta R.T. -0.000 min

Lab File: BM039247.D

Acq: 31 Mar 2023 11:08

Tgt Ion:264 Resp: 819722

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 22.5 18.1 27.1

