

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
 Data File : BM039025.D
 Acq On : 16 Mar 2023 20:45
 Operator : CG/JU
 Sample : PB151470BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 05:56:33 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 17 05:25:34 2023
 Response via : Initial Calibration

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

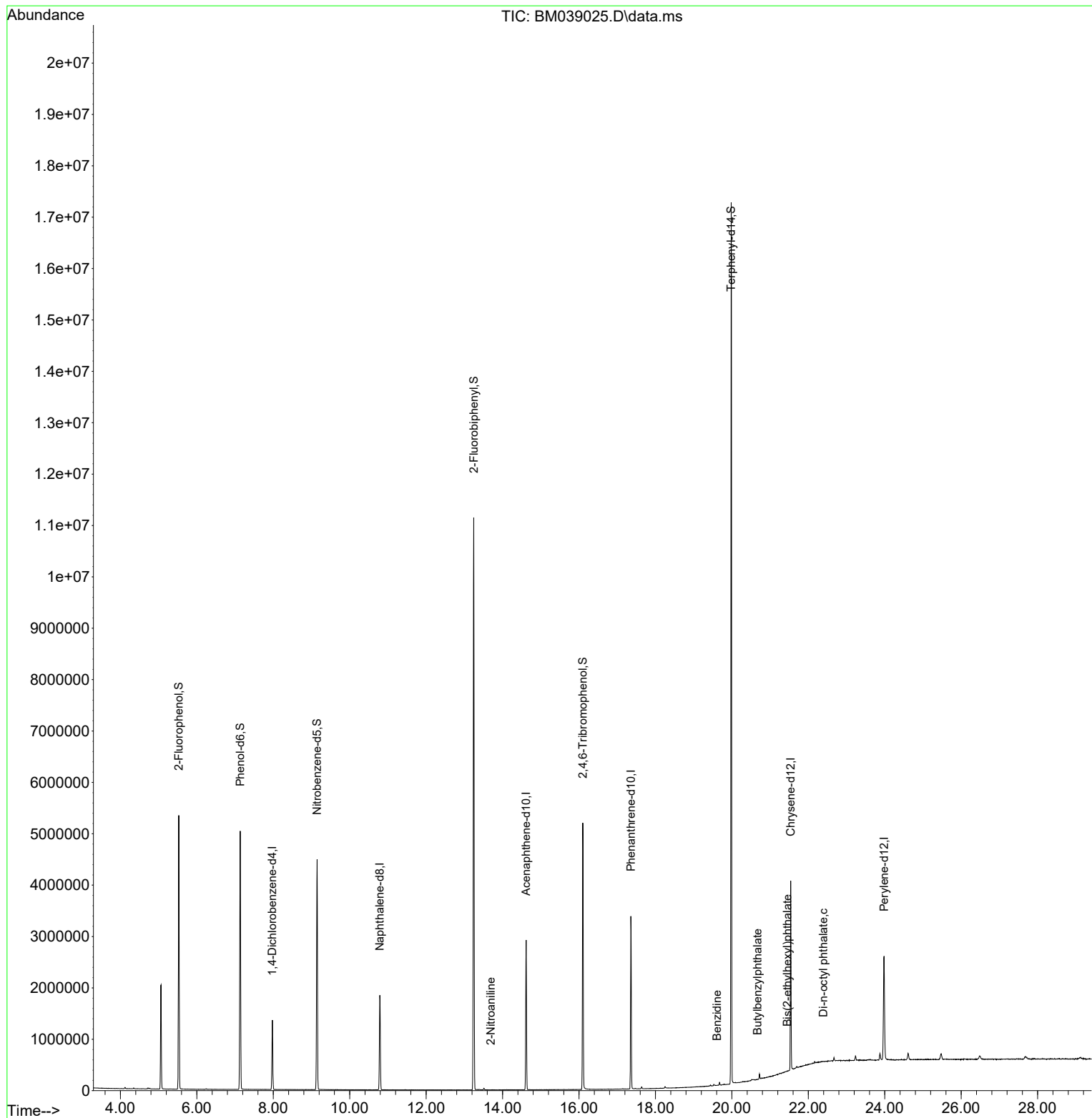
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	337029	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	1461927	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	921773	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1889803	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1577994	20.000	ng	0.00
86) Perylene-d12	23.980	264	1424450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2136641	96.317	ng	0.00
7) Phenol-d6	7.134	99	2755849	95.643	ng	0.00
23) Nitrobenzene-d5	9.145	82	2485944	83.528	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	781642	73.301	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	5307658	74.959	ng	0.00
79) Terphenyl-d14	19.980	244	7728685	89.548	ng	0.00
Target Compounds						
					Qvalue	
48) 2-Nitroaniline	13.692	65	57	2.218	ng #	6
77) Benzidine	19.609	184	911	4.899	ng #	67
80) Butylbenzylphthalate	20.668	149	488	3.325	ng #	74
84) Bis(2-ethylhexyl)phtha...	21.451	149	679	2.494	ng #	96
85) Di-n-octyl phthalate	22.392	149	771	3.802	ng #	1

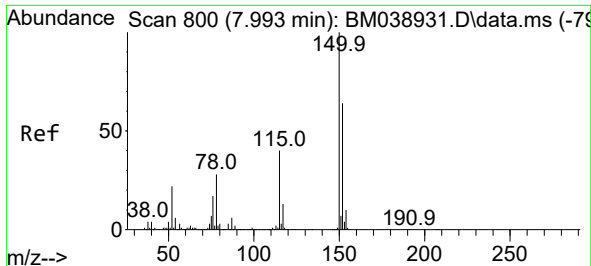
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

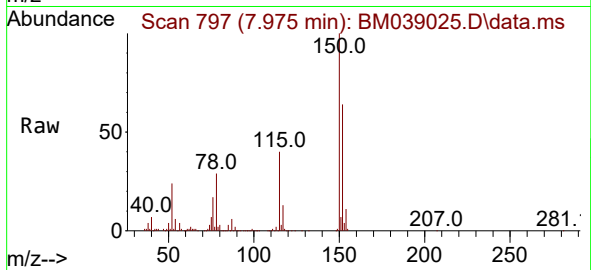
Quant Time: Mar 17 05:56:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 05:25:34 2023
Response via : Initial Calibration



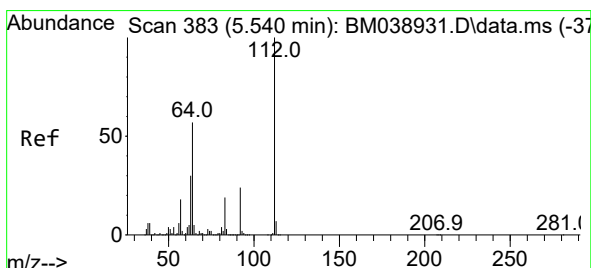
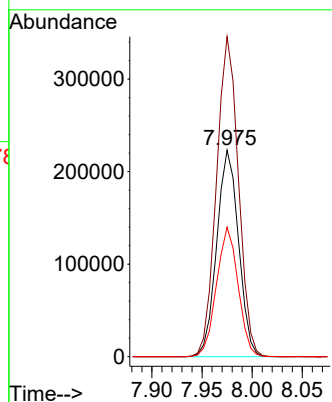
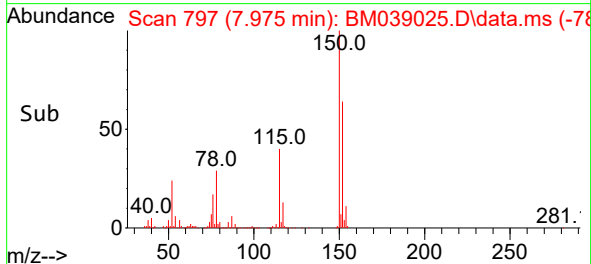


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039025.D
Acq: 16 Mar 2023 20:45

Instrument :
BNA_M
ClientSampleId :

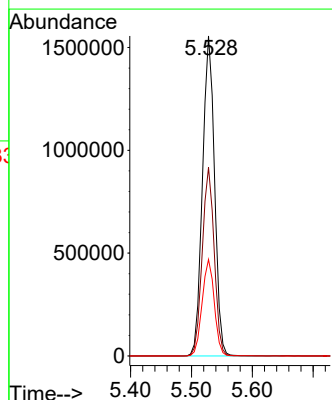
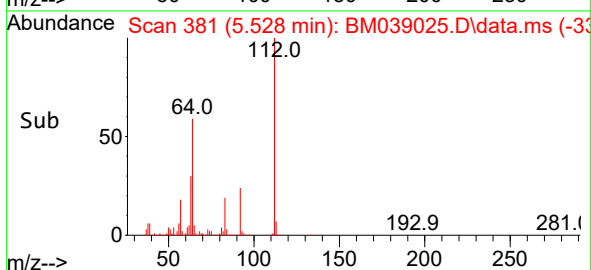
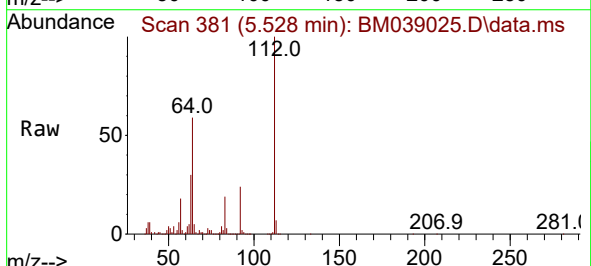


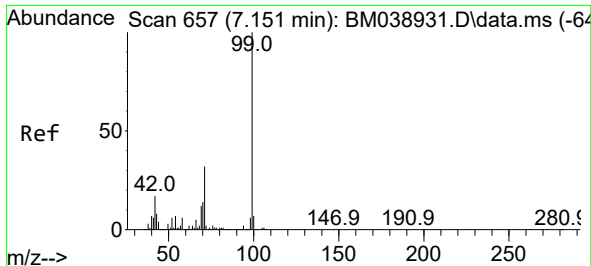
Tgt Ion:152 Resp: 337029
Ion Ratio Lower Upper
152 100
150 155.1 125.1 187.7
115 62.8 49.6 74.4



#5
2-Fluorophenol
Concen: 96.317 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039025.D
Acq: 16 Mar 2023 20:45

Tgt Ion:112 Resp: 2136641
Ion Ratio Lower Upper
112 100
64 58.9 45.9 68.9
63 30.2 23.8 35.8

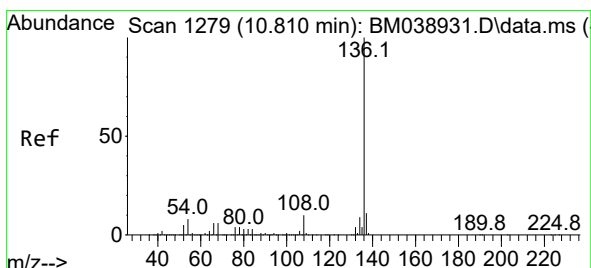
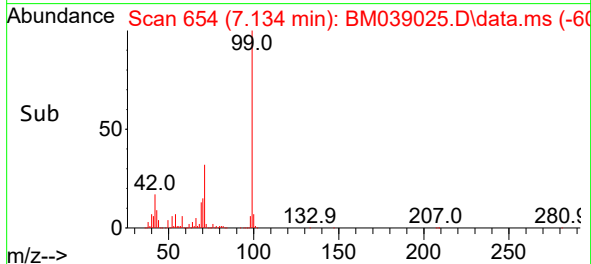
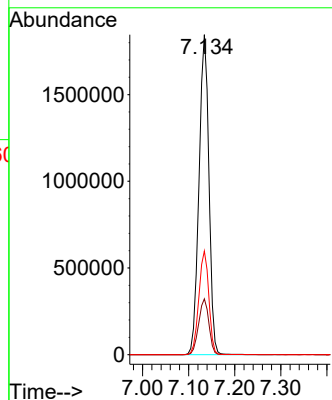
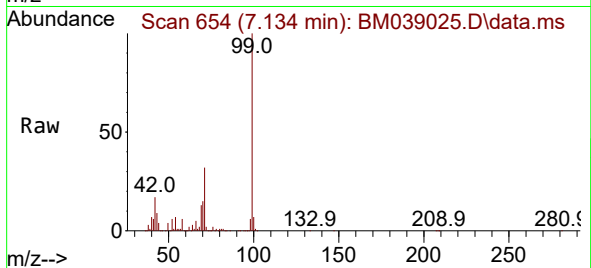




#7
Phenol-d6
Concen: 95.643 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039025.D
Acq: 16 Mar 2023 20:45

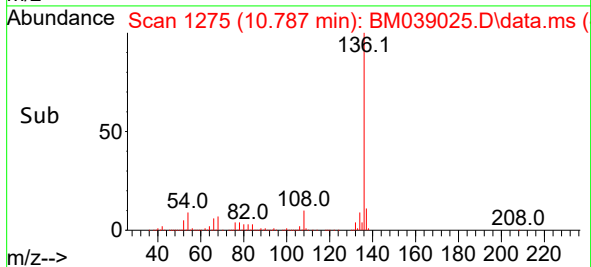
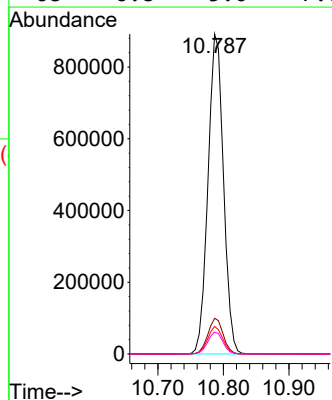
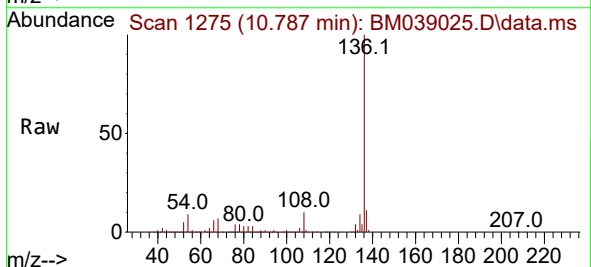
Instrument :
BNA_M
ClientSampleId :

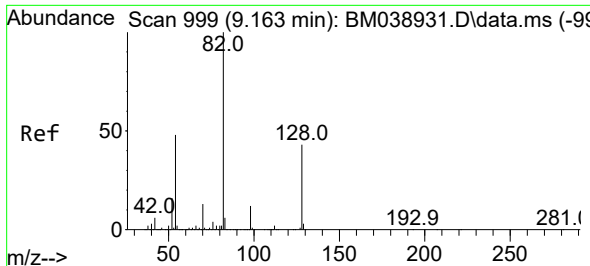
Tgt Ion: 99 Resp: 2755849
Ion Ratio Lower Upper
99 100
42 17.5 13.5 20.3
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039025.D
Acq: 16 Mar 2023 20:45

Tgt Ion: 136 Resp: 1461927
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.6 6.3 9.5
68 6.8 5.0 7.6



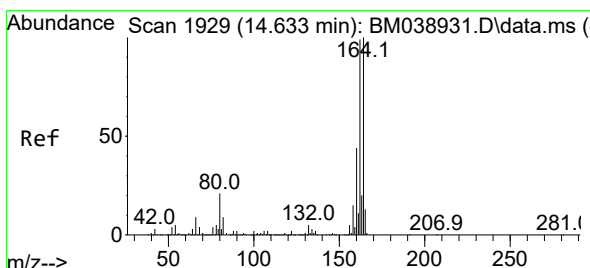
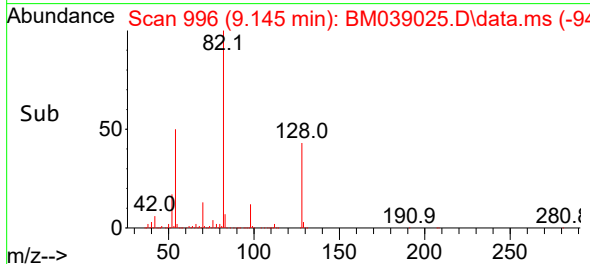
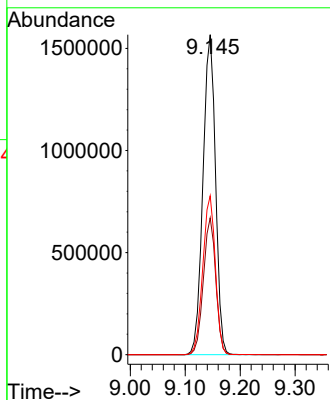
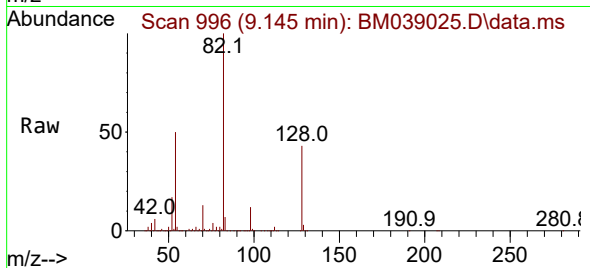


#23
 Nitrobenzene-d5
 Concen: 83.528 ng
 RT: 9.145 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: BM039025.D
 Acq: 16 Mar 2023 20:45

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 82 Resp: 2485944

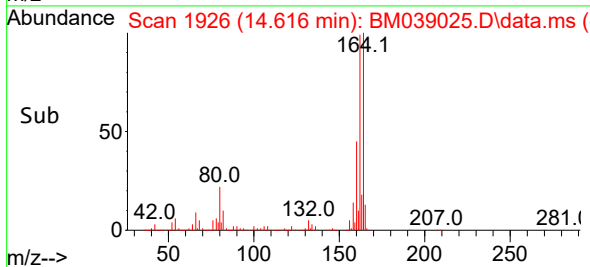
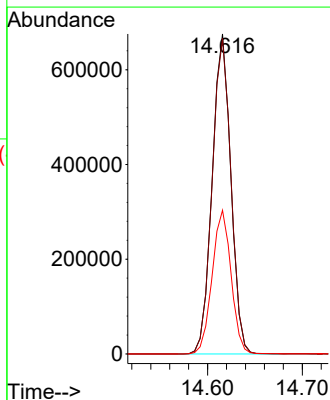
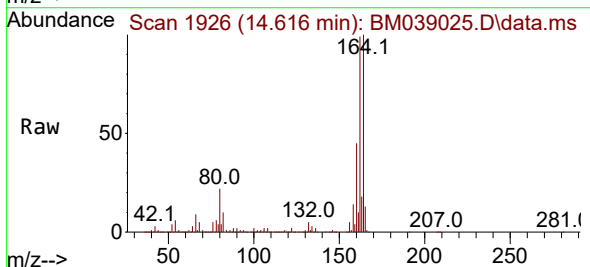
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.4	51.6
54	49.7	38.8	58.2

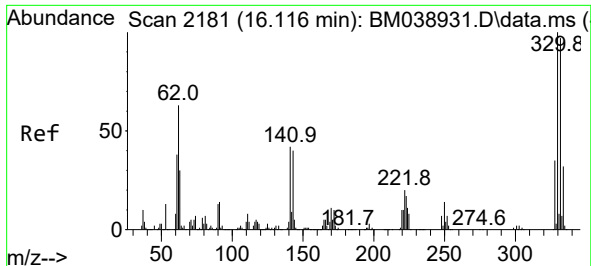


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.616 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: BM039025.D
 Acq: 16 Mar 2023 20:45

Tgt Ion:164 Resp: 921773

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.2	118.8
160	44.9	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 73.301 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.006 min

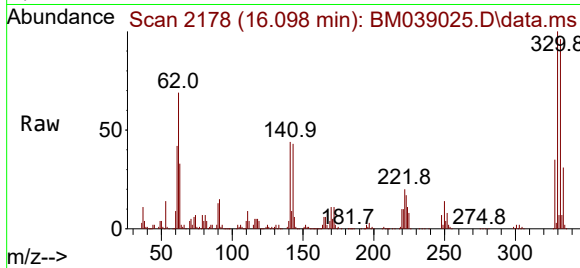
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Acq: 16 Mar 2023 20:45

Instrument :

BNA_M

ClientSampleId :



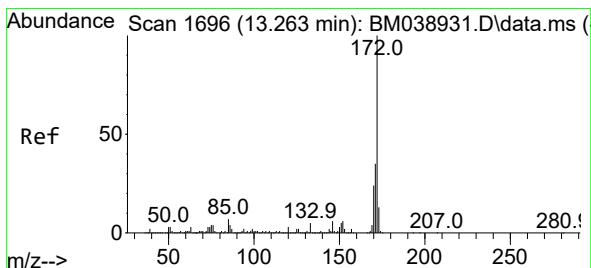
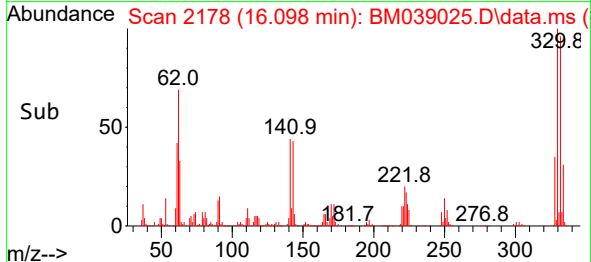
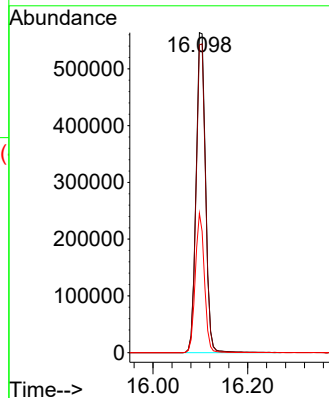
Tgt Ion:330 Resp: 781642

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 42.2 32.2 48.4



#45

2-Fluorobiphenyl

Concen: 74.959 ng

RT: 13.245 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BM039025.D

Acq: 16 Mar 2023 20:45

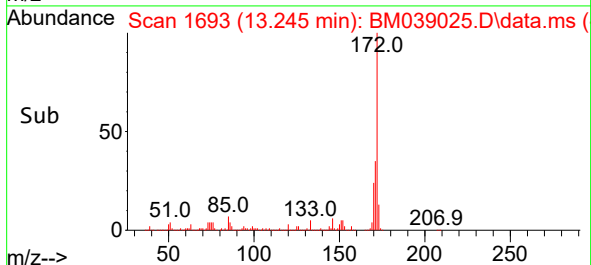
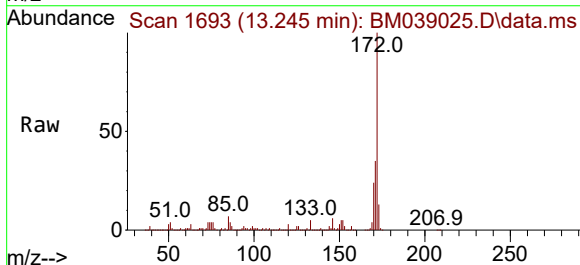
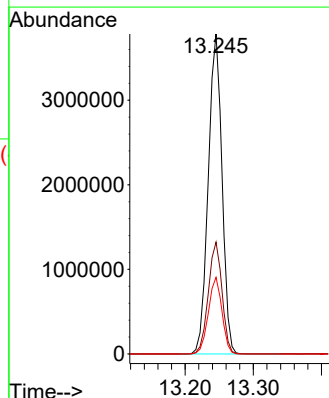
Tgt Ion:172 Resp: 5307658

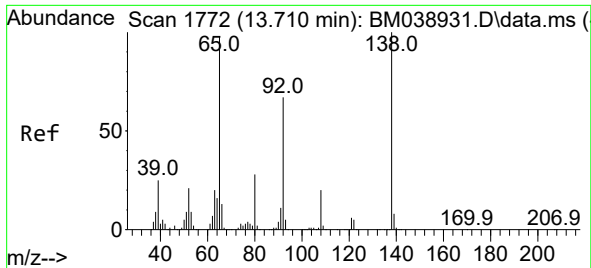
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.9 19.1 28.7

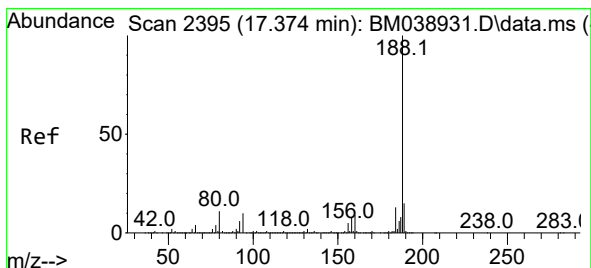
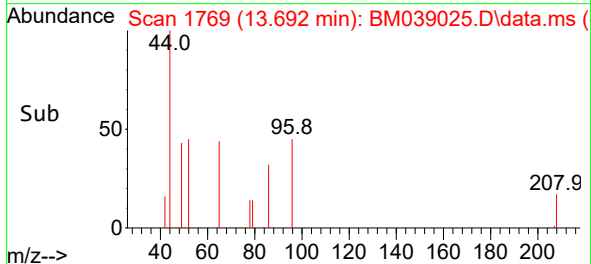
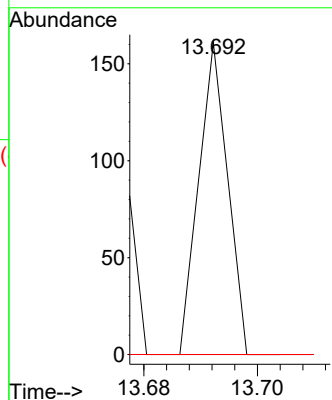
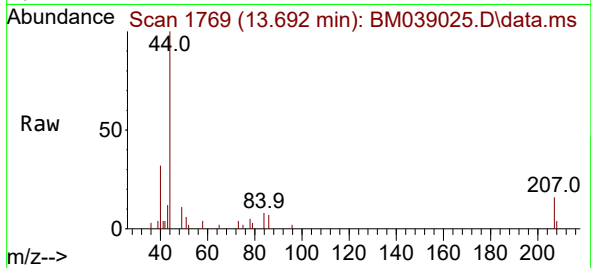




#48
2-Nitroaniline
Concen: 2.218 ng
RT: 13.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039025.D
Acq: 16 Mar 2023 20:45

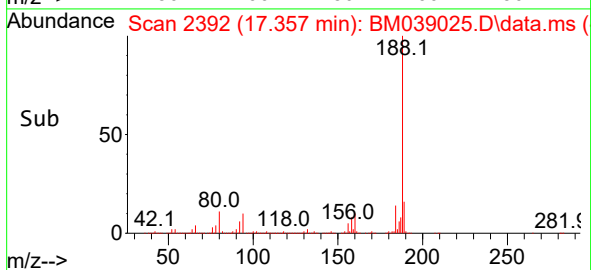
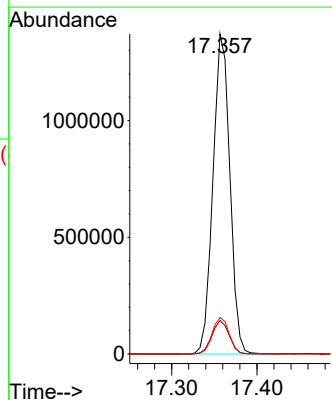
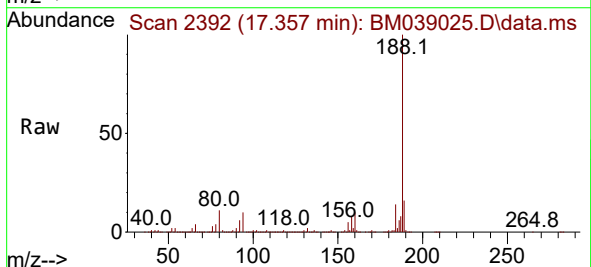
Instrument :
BNA_M
ClientSampleId :

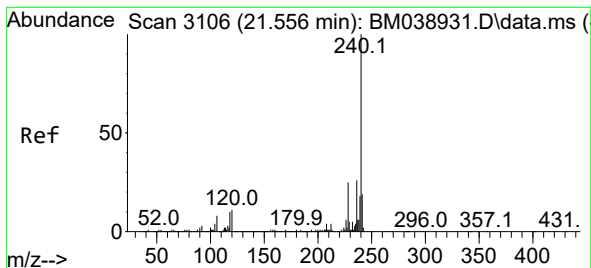
Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039025.D
Acq: 16 Mar 2023 20:45

Tgt Ion:188 Resp: 1889803
Ion Ratio Lower Upper
188 100
94 10.5 7.9 11.9
80 11.4 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.539 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BM039025.D

Acq: 16 Mar 2023 20:45

Instrument :

BNA_M

ClientSampleId :

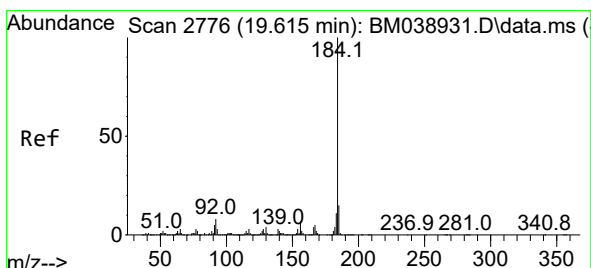
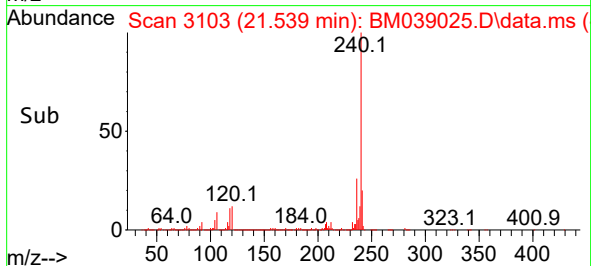
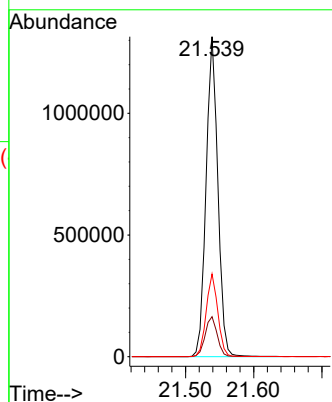
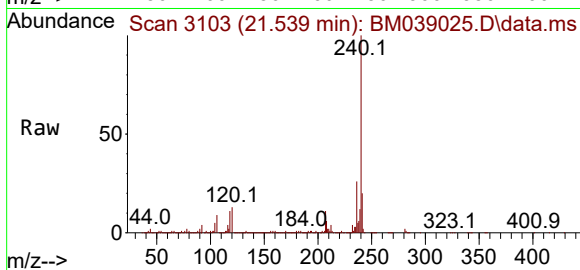
Tgt Ion:240 Resp: 1577994

Ion Ratio Lower Upper

240 100

120 12.5 9.2 13.8

236 25.9 20.8 31.2



#77

Benzidine

Concen: 4.899 ng

RT: 19.609 min Scan# 2775

Delta R.T. 0.012 min

Lab File: BM039025.D

Acq: 16 Mar 2023 20:45

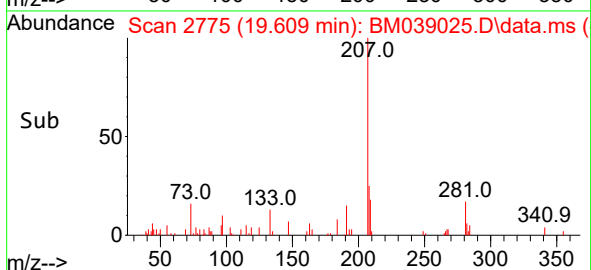
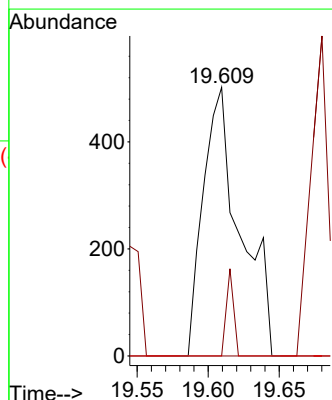
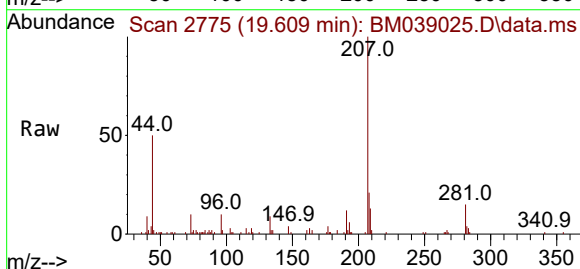
Tgt Ion:184 Resp: 911

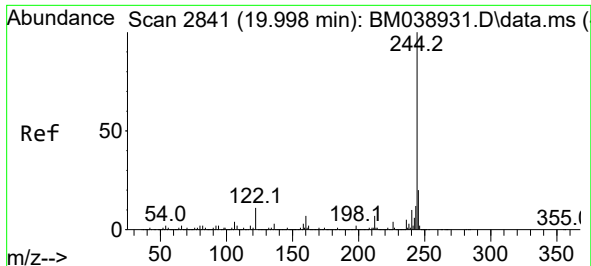
Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.4#

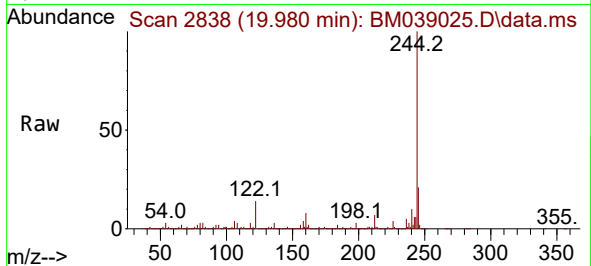
183 0.0 8.8 13.2#



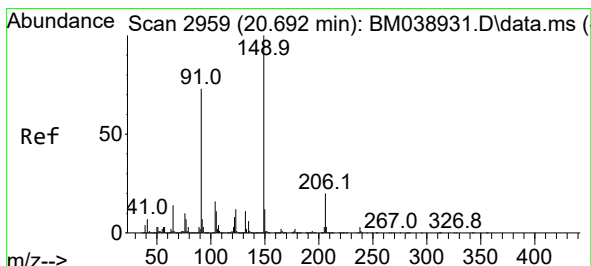
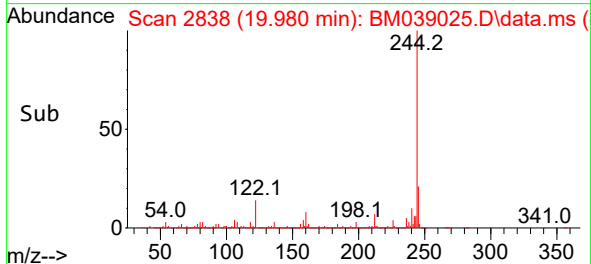
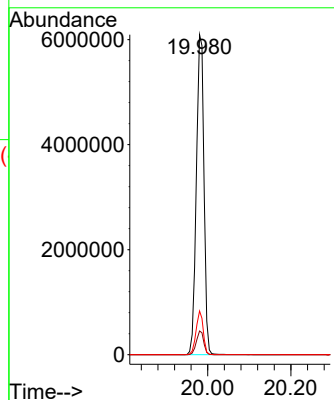


#79
 Terphenyl-d14
 Concen: 89.548 ng
 RT: 19.980 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039025.D
 Acq: 16 Mar 2023 20:45

Instrument :
 BNA_M
 ClientSampleId :

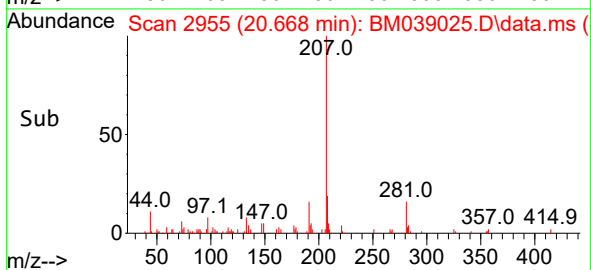
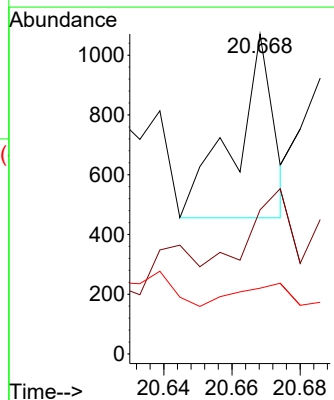
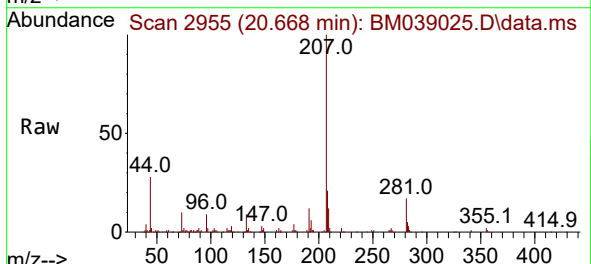


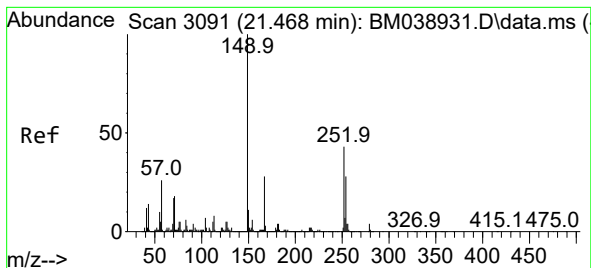
Tgt Ion:244 Resp: 7728685
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 13.6 9.0 13.4#



#80
 Butylbenzylphthalate
 Concen: 3.325 ng
 RT: 20.668 min Scan# 2955
 Delta R.T. -0.006 min
 Lab File: BM039025.D
 Acq: 16 Mar 2023 20:45

Tgt Ion:149 Resp: 488
 Ion Ratio Lower Upper
 149 100
 91 45.0 58.4 87.6#
 206 20.5 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.494 ng

RT: 21.451 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM039025.D

Acq: 16 Mar 2023 20:45

Instrument :

BNA_M

ClientSampleId :

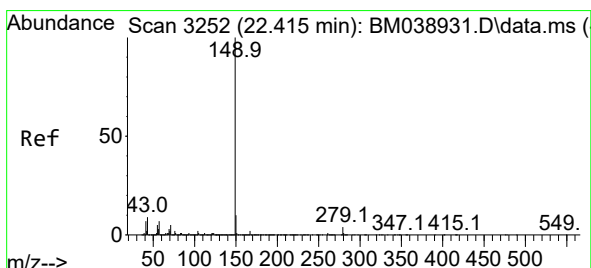
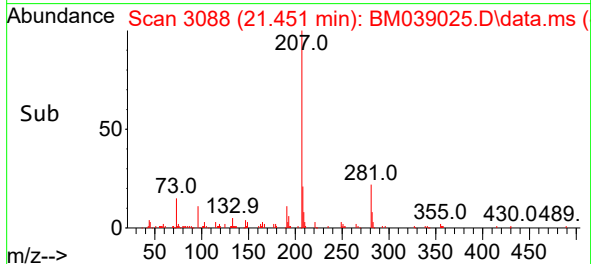
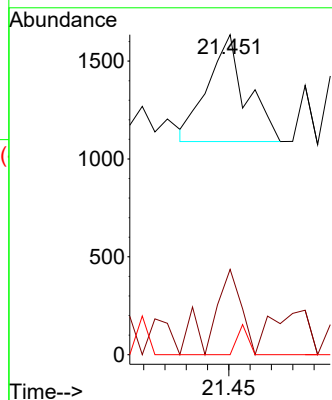
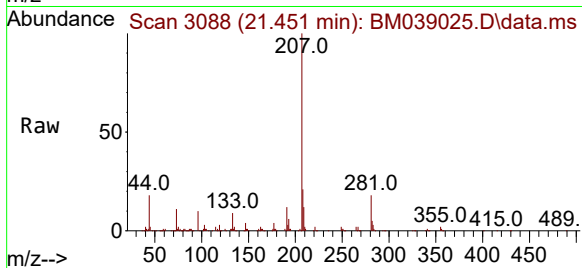
Tgt Ion:149 Resp: 679

Ion Ratio Lower Upper

149 100

167 26.7 22.3 33.5

279 0.0 3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 3.802 ng

RT: 22.392 min Scan# 3248

Delta R.T. 0.000 min

Lab File: BM039025.D

Acq: 16 Mar 2023 20:45

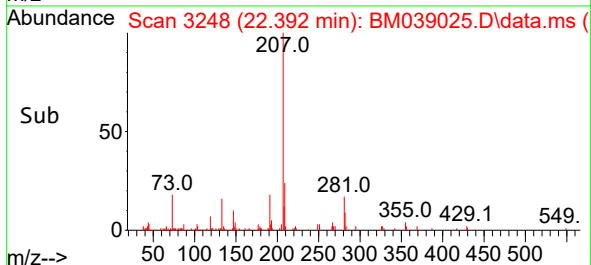
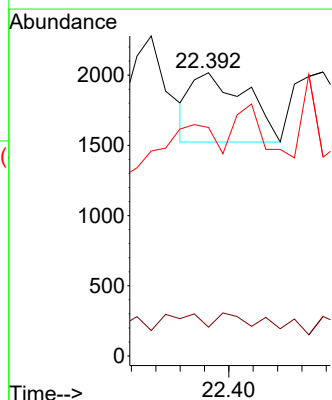
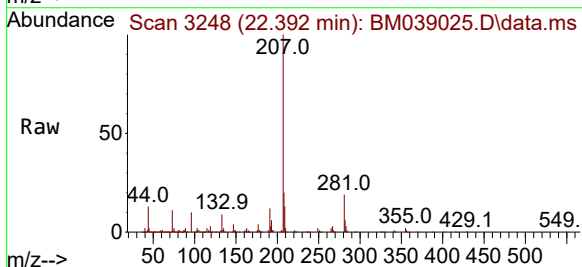
Tgt Ion:149 Resp: 771

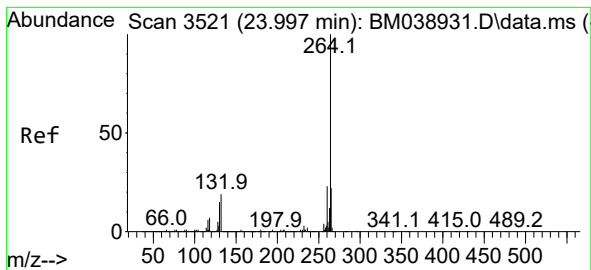
Ion Ratio Lower Upper

149 100

167 15.6 1.2 1.8#

43 58.6 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.980 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039025.D
Acq: 16 Mar 2023 20:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 1424450
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.5 17.9 26.9

