

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041423\
 Data File : BM039435.D
 Acq On : 14 Apr 2023 15:56
 Operator : CG/JU
 Sample : 02347-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20230331-COMP-9

Quant Time: Apr 14 16:27:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 14:49:28 2023
 Response via : Initial Calibration

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

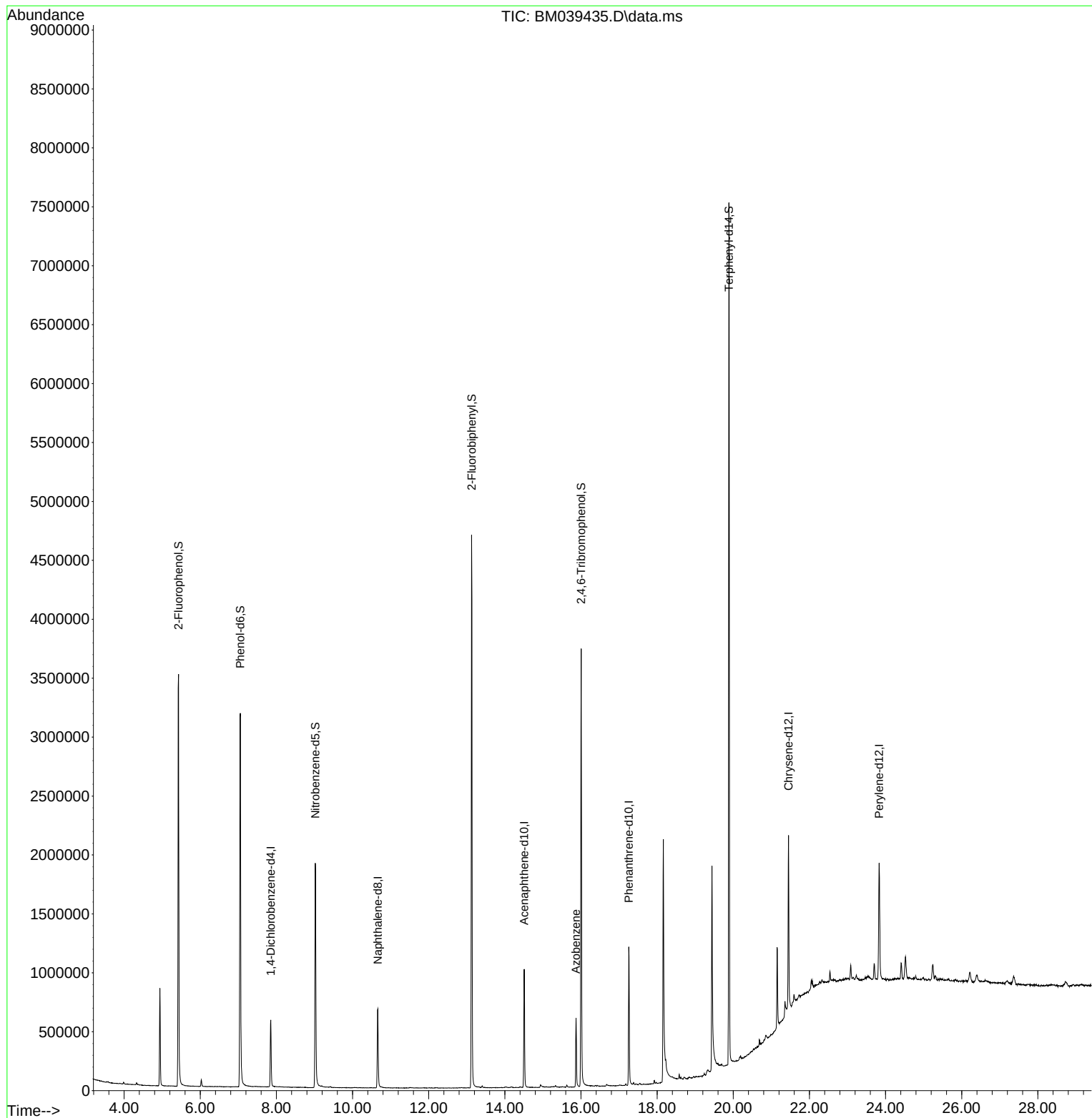
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	159798	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	613860	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	353468	20.000	ng	0.00
64) Phenanthrene-d10	17.256	188	736171	20.000	ng	0.00
76) Chrysene-d12	21.450	240	701590	20.000	ng	0.00
86) Perylene-d12	23.833	264	771839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1589003	149.814	ng	0.00
7) Phenol-d6	7.051	99	2016318	146.976	ng	0.00
23) Nitrobenzene-d5	9.022	82	1217545	96.399	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	665840	148.395	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	2447095	93.802	ng	0.00
79) Terphenyl-d14	19.886	244	3657408	96.314	ng	0.00
Target Compounds						
63) Azobenzene	15.868	77	176178	6.413	ng	Qvalue # 1

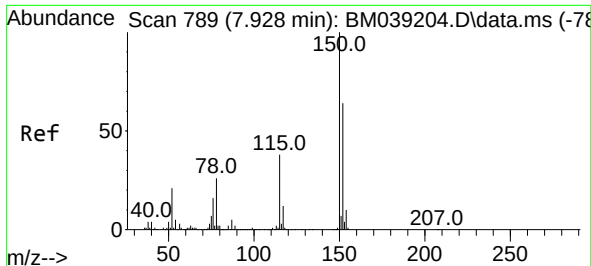
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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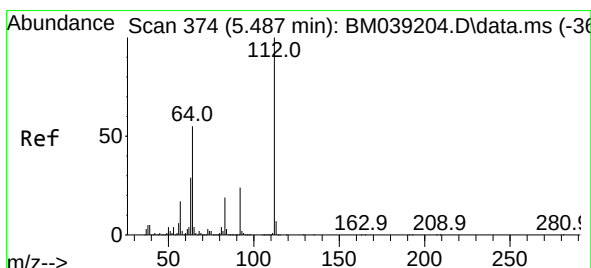
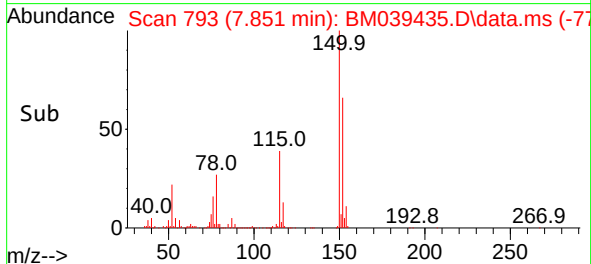
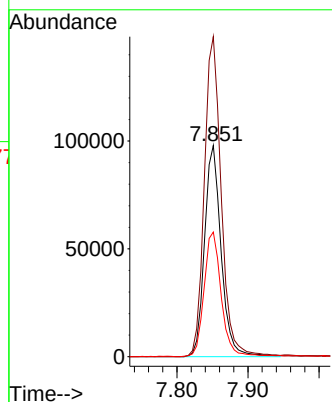
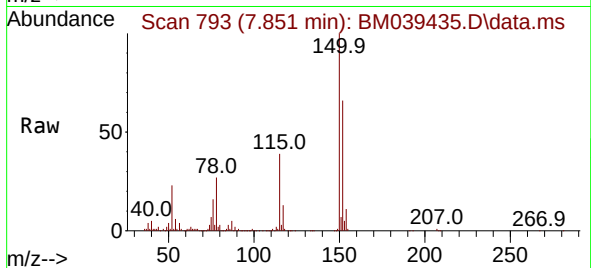




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM039435.D
Acq: 14 Apr 2023 15:56

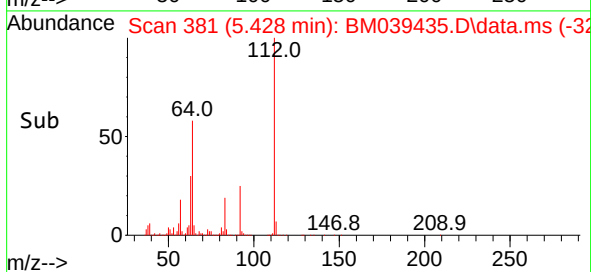
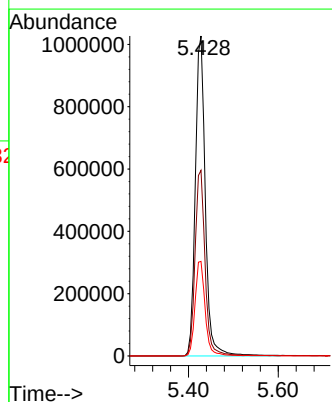
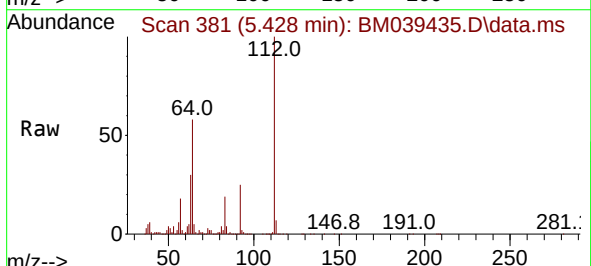
Instrument :
BNA_M
ClientSampleId :
20230331-COMP-9

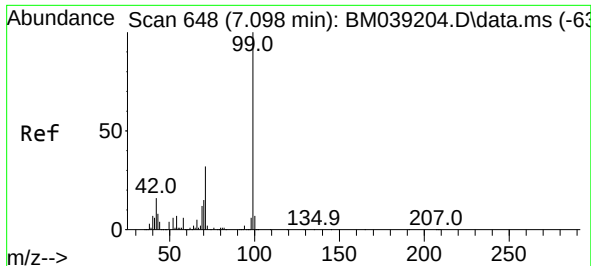
Tgt Ion:152 Resp: 159798
Ion Ratio Lower Upper
152 100
150 151.6 125.5 188.3
115 59.1 48.1 72.1



#5
2-Fluorophenol
Concen: 149.814 ng
RT: 5.428 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM039435.D
Acq: 14 Apr 2023 15:56

Tgt Ion:112 Resp: 1589003
Ion Ratio Lower Upper
112 100
64 58.0 44.3 66.5
63 29.5 23.0 34.6

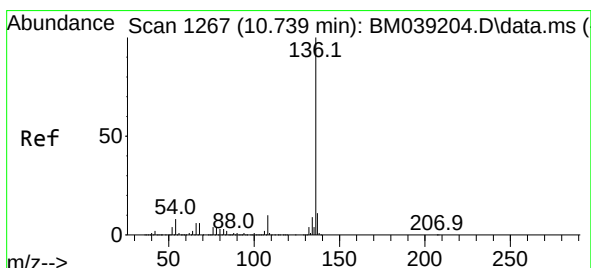
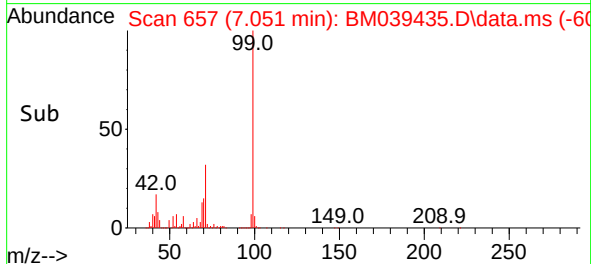
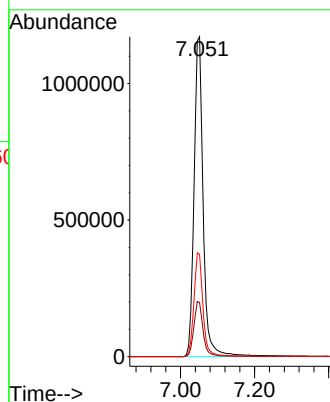
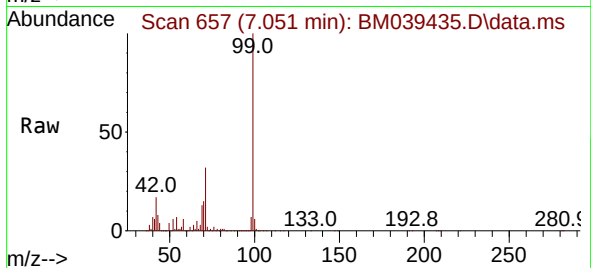




#7
Phenol-d6
Concen: 146.976 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039435.D
Acq: 14 Apr 2023 15:56

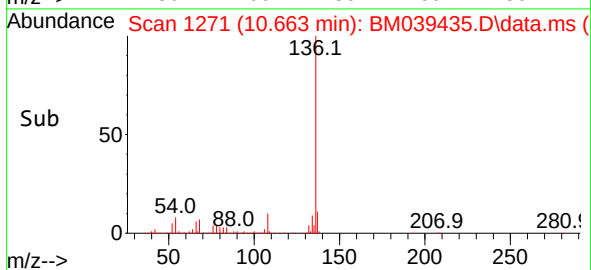
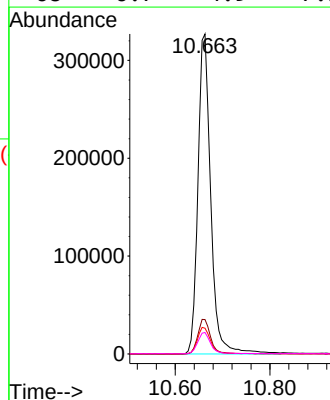
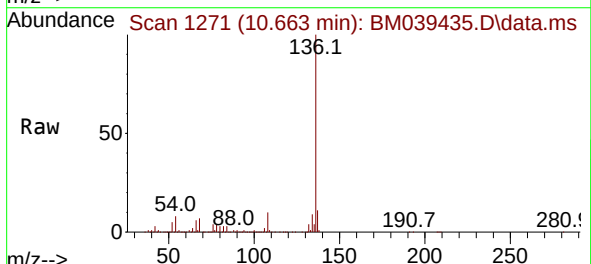
Instrument :
BNA_M
ClientSampleId :
20230331-COMP-9

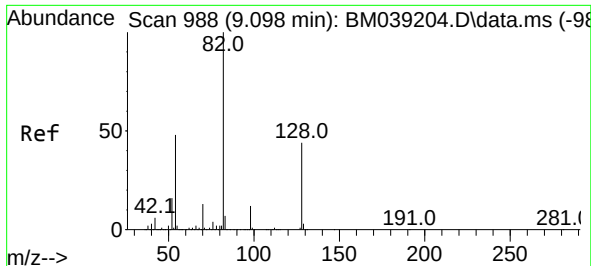
Tgt Ion: 99 Resp: 2016318
Ion Ratio Lower Upper
99 100
42 17.0 13.0 19.6
71 32.0 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BM039435.D
Acq: 14 Apr 2023 15:56

Tgt Ion:136 Resp: 613860
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.0 6.2 9.4
68 6.7 4.9 7.3

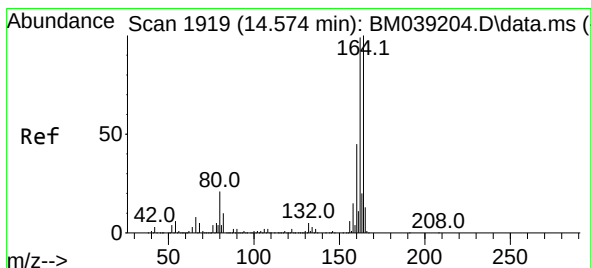
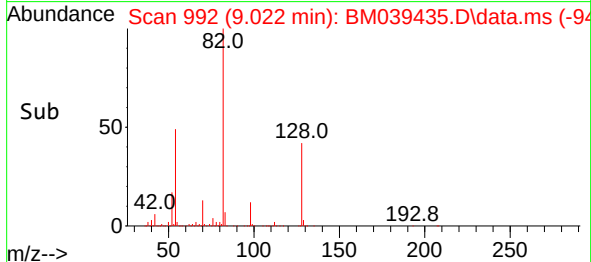
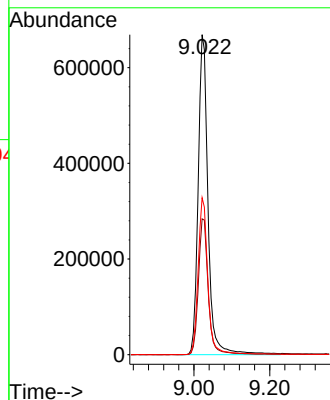
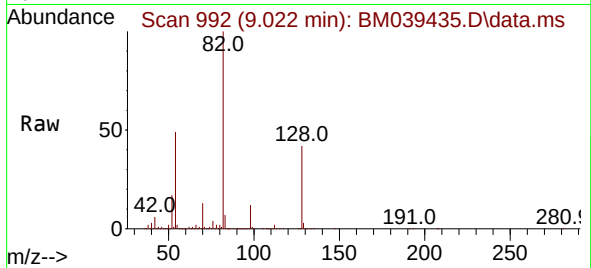




#23
Nitrobenzene-d5
Concen: 96.399 ng
RT: 9.022 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039435.D
Acq: 14 Apr 2023 15:56

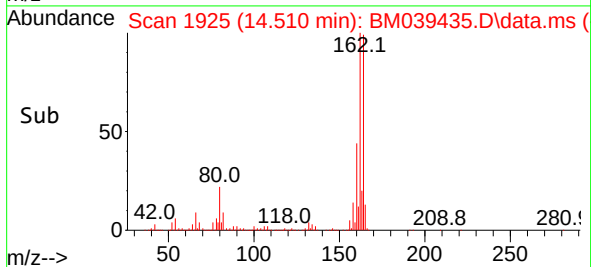
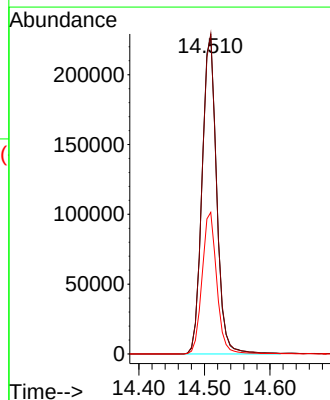
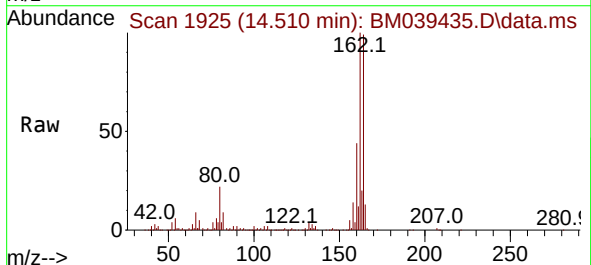
Instrument :
BNA_M
ClientSampleId :
20230331-COMP-9

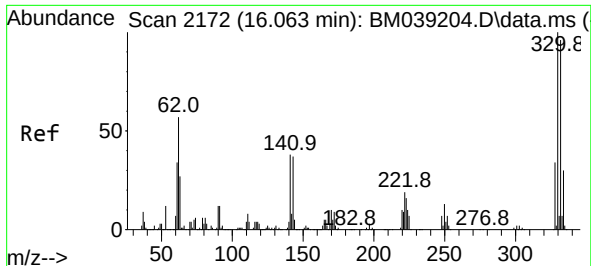
Tgt Ion: 82 Resp: 1217545
Ion Ratio Lower Upper
82 100
128 42.5 35.1 52.7
54 49.0 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM039435.D
Acq: 14 Apr 2023 15:56

Tgt Ion:164 Resp: 353468
Ion Ratio Lower Upper
164 100
162 100.6 79.1 118.7
160 44.5 35.8 53.8

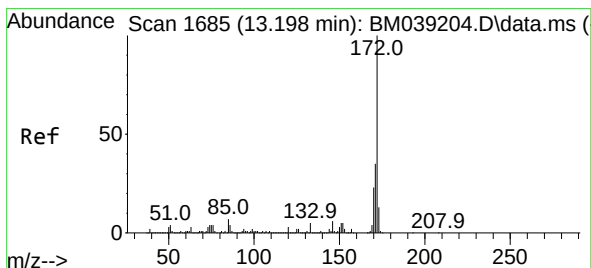
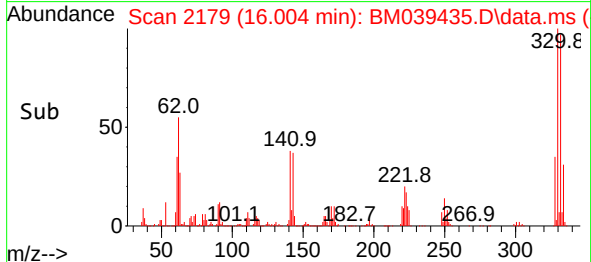
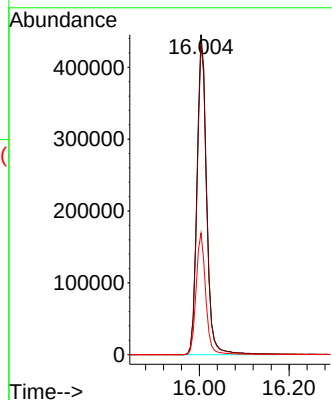
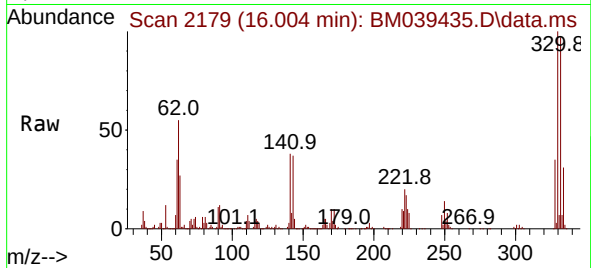




#42
2,4,6-Tribromophenol
Concen: 148.395 ng
RT: 16.004 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM039435.D
Acq: 14 Apr 2023 15:56

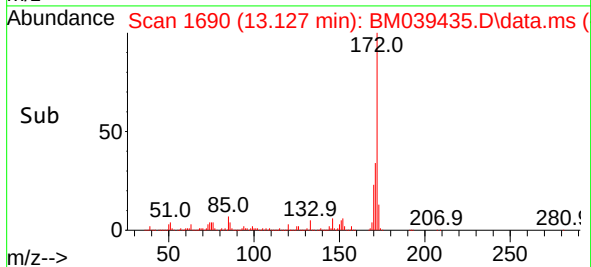
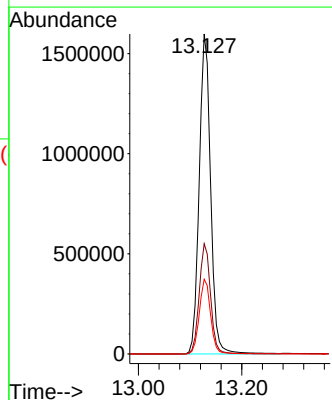
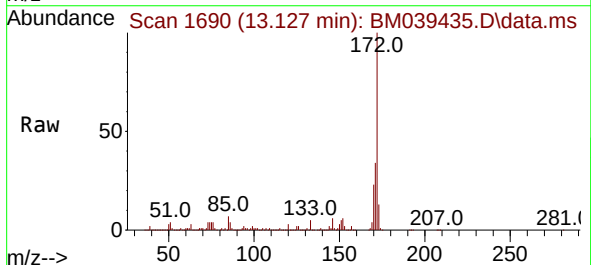
Instrument :
BNA_M
ClientSampleId :
20230331-COMP-9

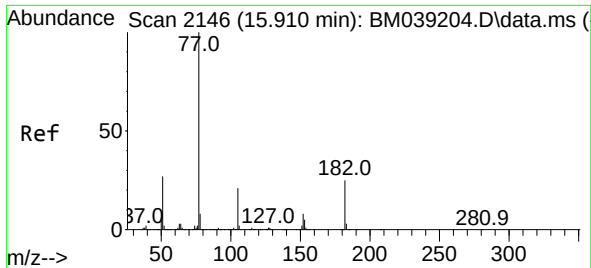
Tgt Ion:330 Resp: 665840
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 37.7 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 93.802 ng
RT: 13.127 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM039435.D
Acq: 14 Apr 2023 15:56

Tgt Ion:172 Resp: 2447095
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.3 18.7 28.1

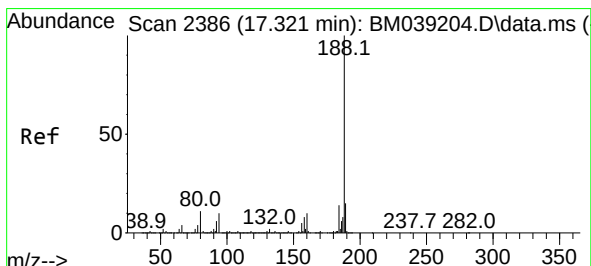
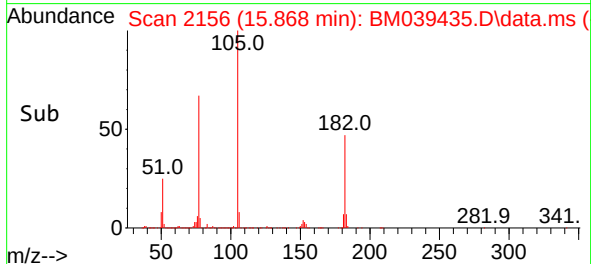
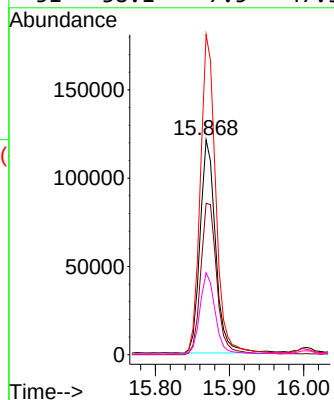
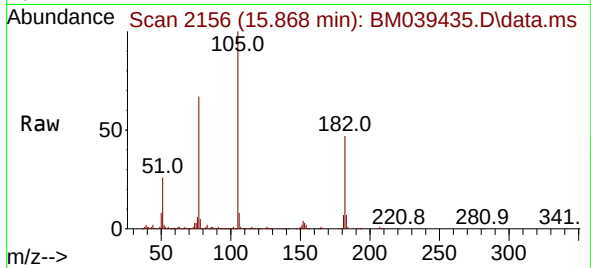




#63
Azobenzene
Concen: 6.413 ng
RT: 15.868 min Scan# 2146
Delta R.T. 0.023 min
Lab File: BM039435.D
Acq: 14 Apr 2023 15:56

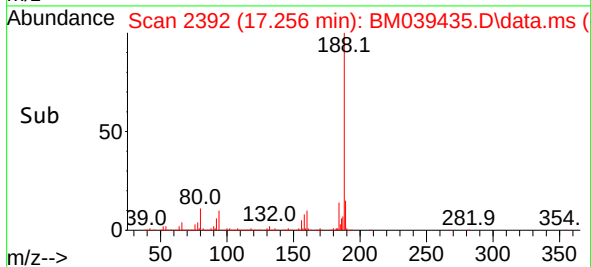
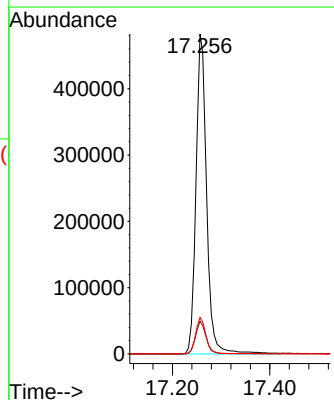
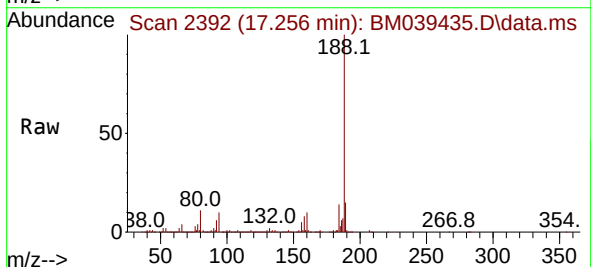
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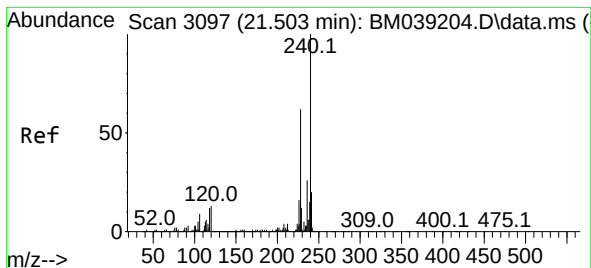
Tgt Ion: 77 Resp: 176178
Ion Ratio Lower Upper
77 100
182 70.5 4.8 44.8#
105 148.9 1.4 41.4#
51 38.1 7.5 47.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.256 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039435.D
Acq: 14 Apr 2023 15:56

Tgt Ion: 188 Resp: 736171
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.4
80 11.4 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039435.D

Acq: 14 Apr 2023 15:56

Instrument :

BNA_M

ClientSampleId :

20230331-COMP-9

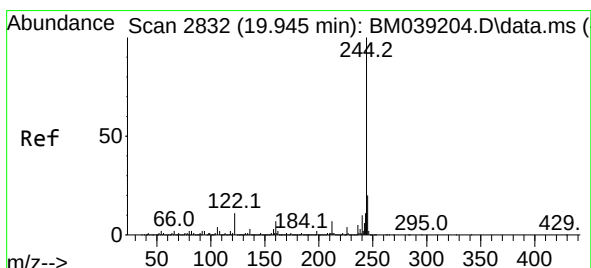
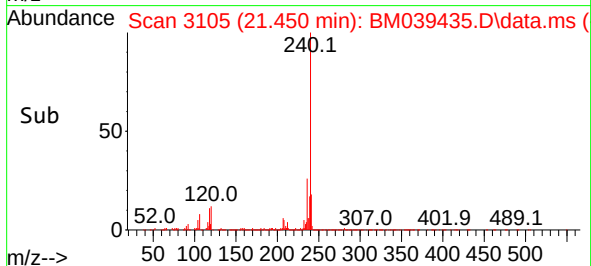
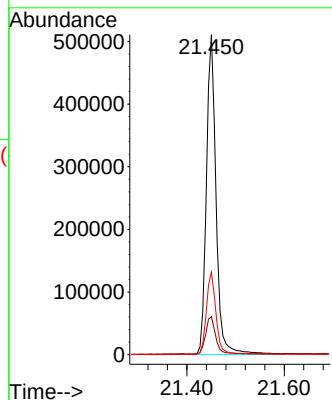
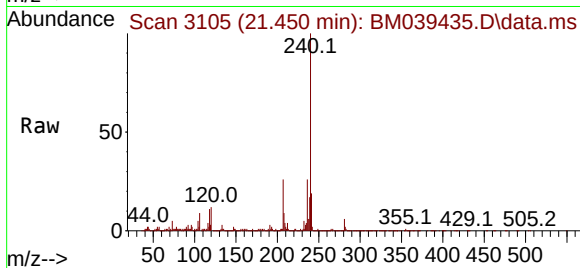
Tgt Ion:240 Resp: 701590

Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.2

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 96.314 ng

RT: 19.886 min Scan# 2839

Delta R.T. -0.006 min

Lab File: BM039435.D

Acq: 14 Apr 2023 15:56

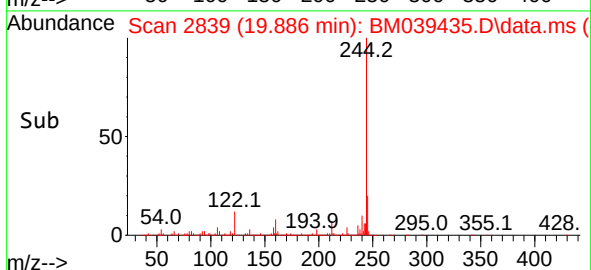
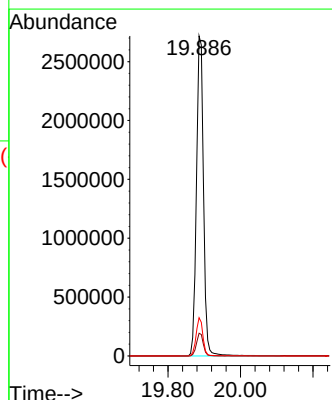
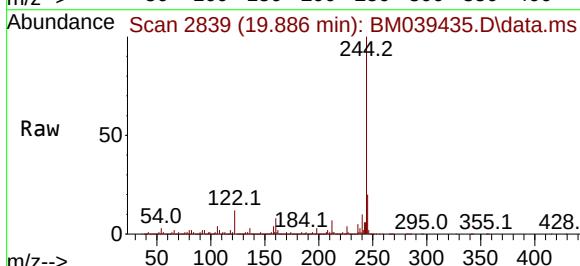
Tgt Ion:244 Resp: 3657408

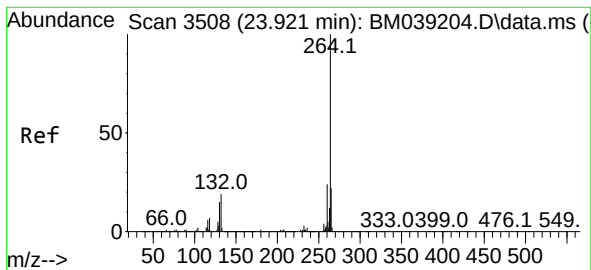
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 12.0 9.1 13.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM039435.D

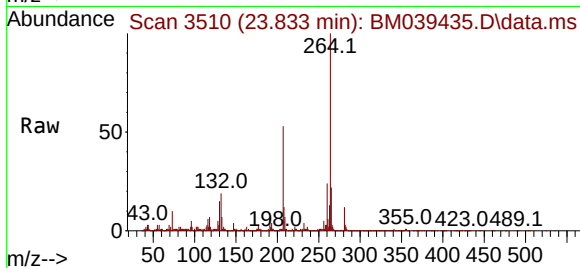
Acq: 14 Apr 2023 15:56

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Tgt Ion:264 Resp: 771839

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.4 18.1 27.1

