

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041423\
 Data File : BM039437.D
 Acq On : 14 Apr 2023 17:51
 Operator : CG/JU
 Sample : 02347-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20230333-COMP-11

Quant Time: Apr 17 02:02:20 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 17:54:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	164463	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	638154	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	365922	20.000	ng	0.00
64) Phenanthrene-d10	17.256	188	745005	20.000	ng	0.00
76) Chrysene-d12	21.444	240	708612	20.000	ng	0.00
86) Perylene-d12	23.827	264	803733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1644209	150.622	ng	0.00
7) Phenol-d6	7.045	99	2085356	147.697	ng	0.00
23) Nitrobenzene-d5	9.022	82	1246463	94.932	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	667403	143.681	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	2390093	88.499	ng	0.00
79) Terphenyl-d14	19.886	244	3317335	86.492	ng	0.00

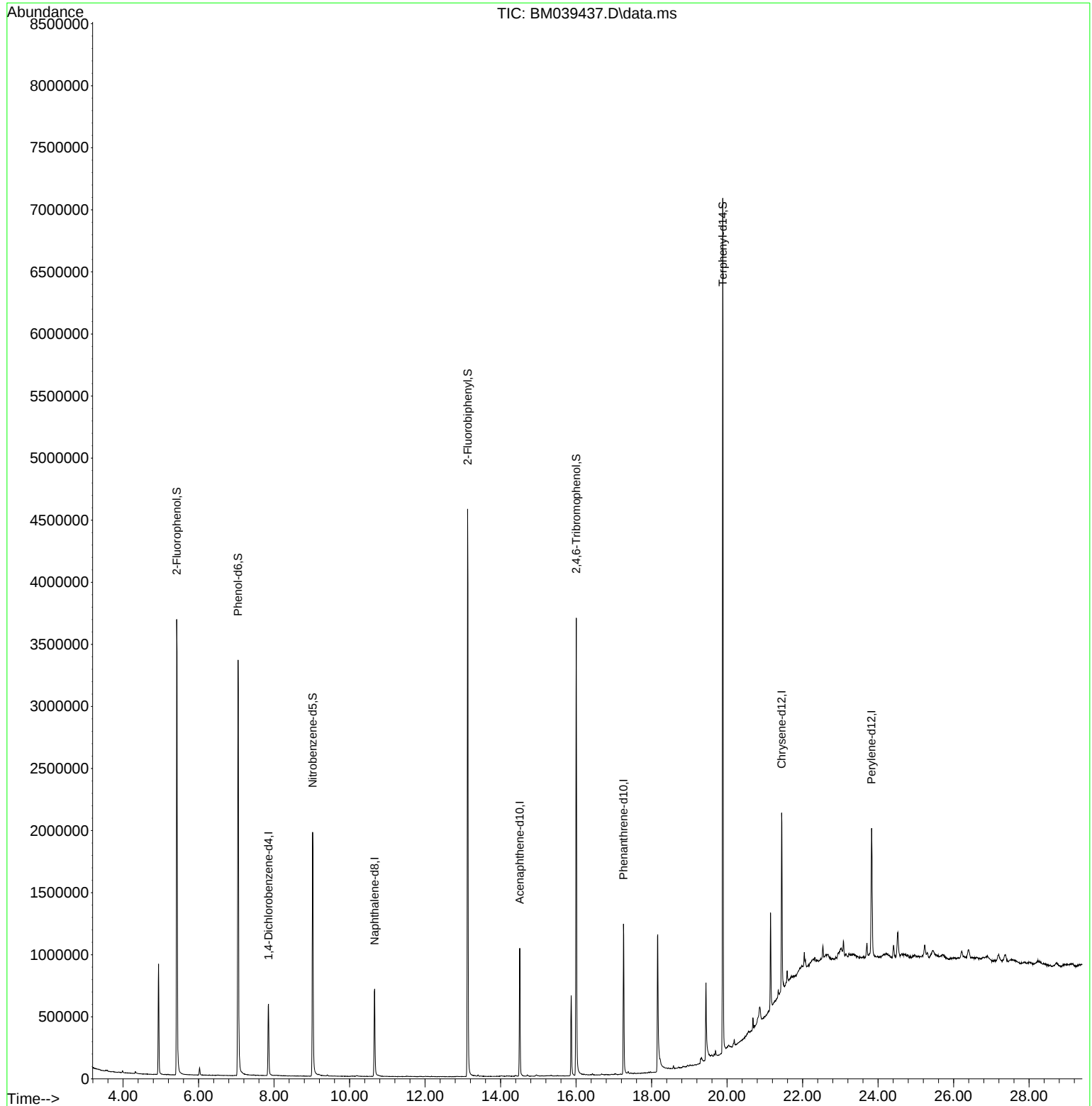
Target Compounds	Qvalue

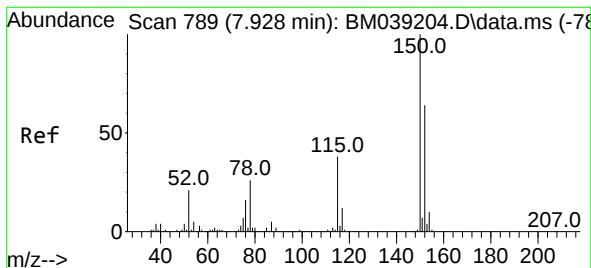
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.851 min Scan# 79

Delta R.T. 0.000 min

Lab File: BM039437.D

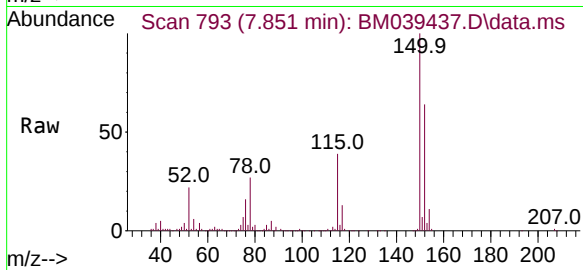
Acq: 14 Apr 2023 17:51

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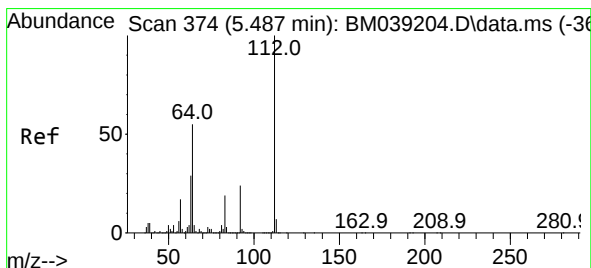
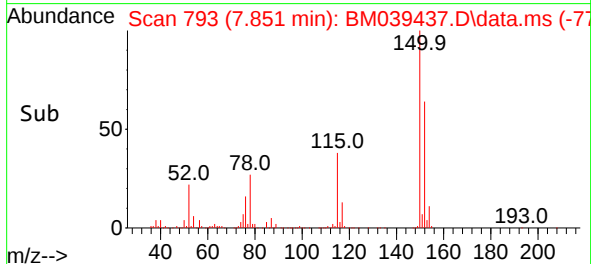
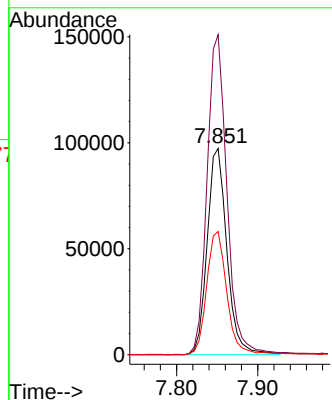
Tgt Ion:152 Resp: 164463

Ion Ratio Lower Upper

152 100

150 155.1 125.5 188.3

115 59.7 48.1 72.1



#5

2-Fluorophenol

Concen: 150.622 ng

RT: 5.422 min Scan# 380

Delta R.T. -0.000 min

Lab File: BM039437.D

Acq: 14 Apr 2023 17:51

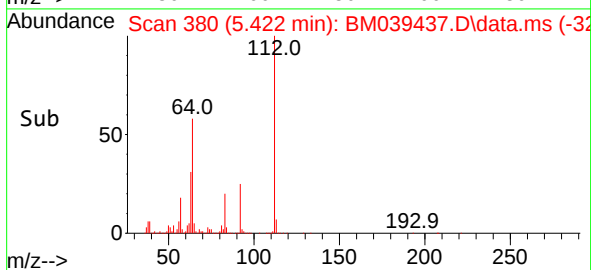
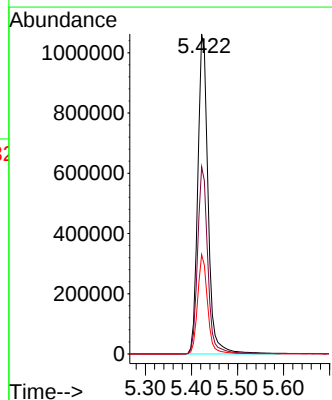
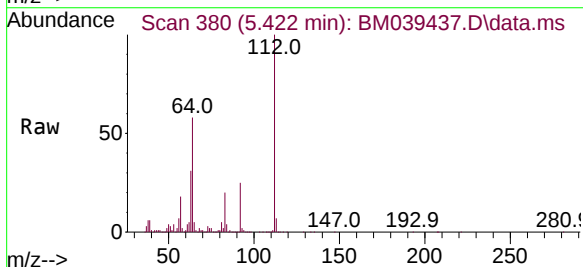
Tgt Ion:112 Resp: 1644209

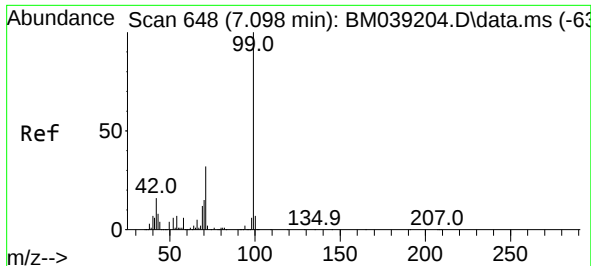
Ion Ratio Lower Upper

112 100

64 58.5 44.3 66.5

63 31.0 23.0 34.6

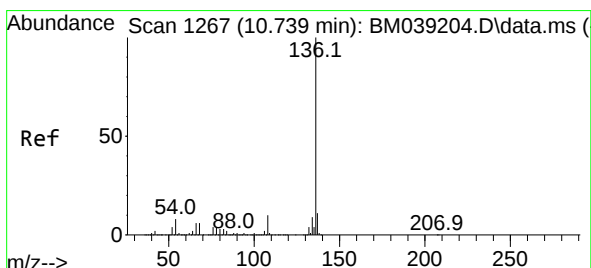
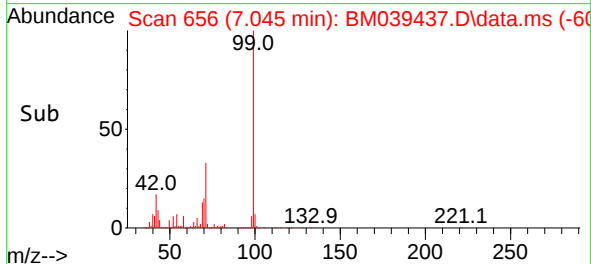
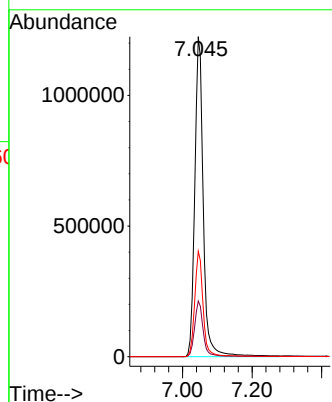
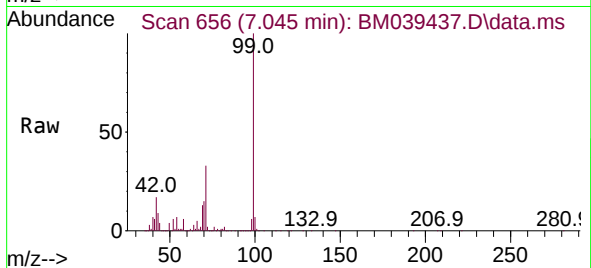




#7
Phenol-d6
Concen: 147.697 ng
RT: 7.045 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039437.D
Acq: 14 Apr 2023 17:51

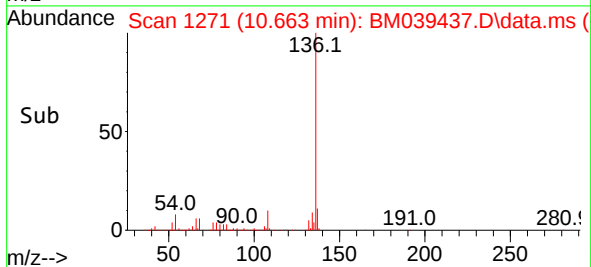
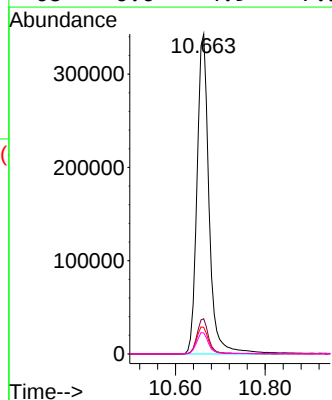
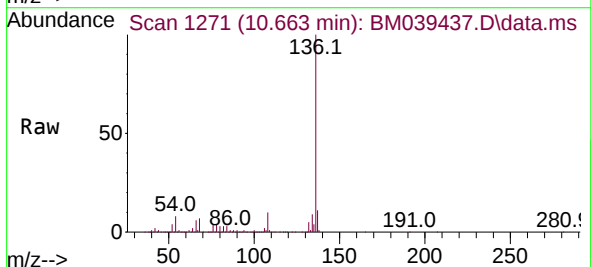
Instrument :
BNA_M
ClientSampleId :
20230333-COMP-11

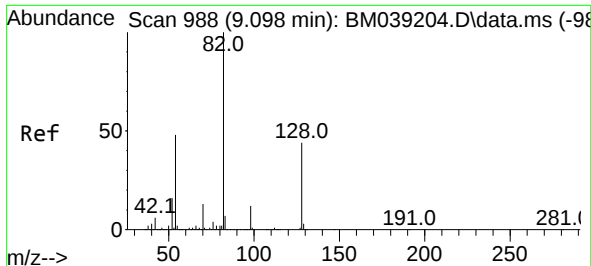
Tgt Ion: 99 Resp: 2085356
Ion Ratio Lower Upper
99 100
42 17.4 13.0 19.6
71 33.0 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BM039437.D
Acq: 14 Apr 2023 17:51

Tgt Ion: 136 Resp: 638154
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.3 6.2 9.4
68 6.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 94.932 ng

RT: 9.022 min Scan# 992

Delta R.T. -0.006 min

Lab File: BM039437.D

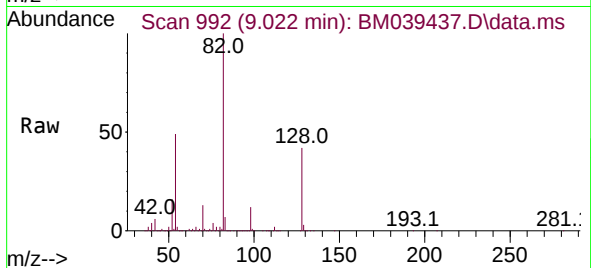
Acq: 14 Apr 2023 17:51

Instrument :

BNA_M

ClientSampleId :

20230333-COMP-11



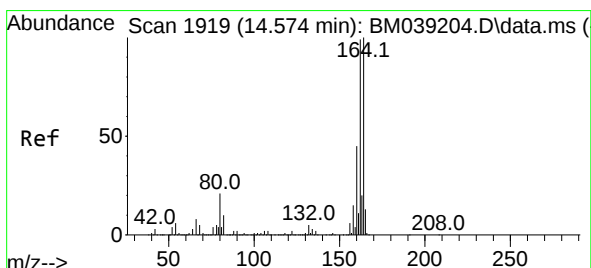
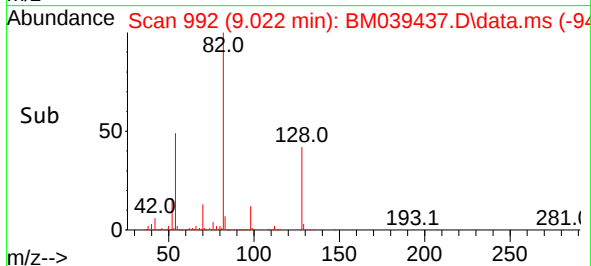
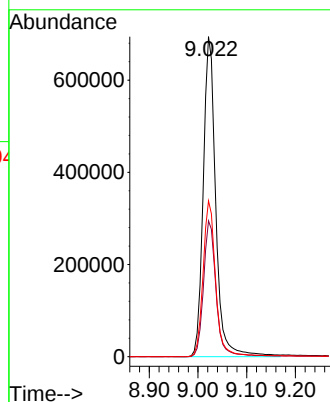
Tgt Ion: 82 Resp: 1246463

Ion Ratio Lower Upper

82 100

128 42.5 35.1 52.7

54 48.7 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: BM039437.D

Acq: 14 Apr 2023 17:51

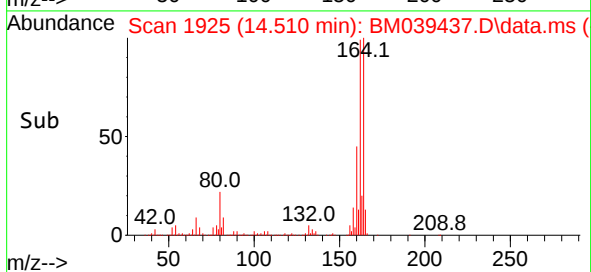
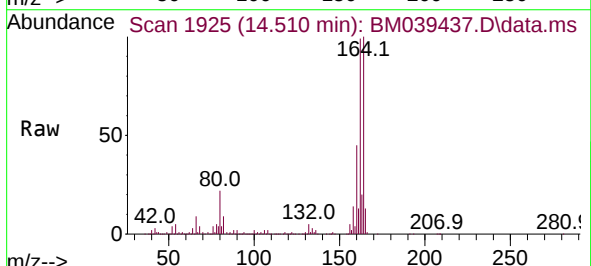
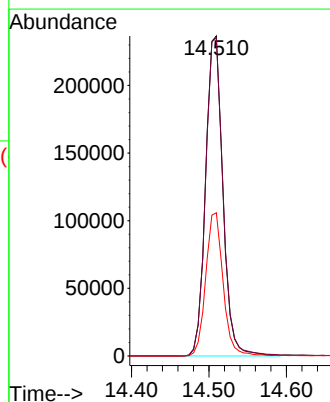
Tgt Ion: 164 Resp: 365922

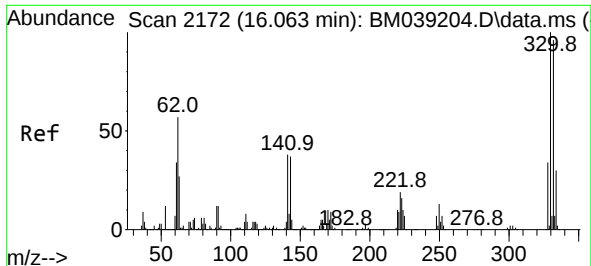
Ion Ratio Lower Upper

164 100

162 99.4 79.1 118.7

160 44.8 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 143.681 ng

RT: 16.004 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039437.D

Acq: 14 Apr 2023 17:51

Instrument :

BNA_M

ClientSampleId :

20230333-COMP-11

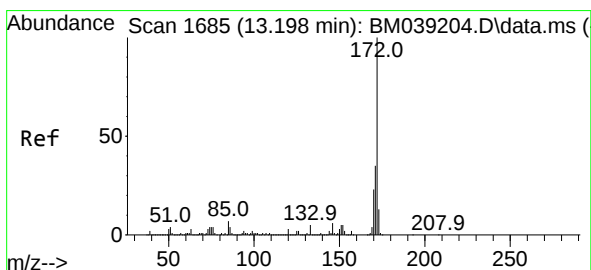
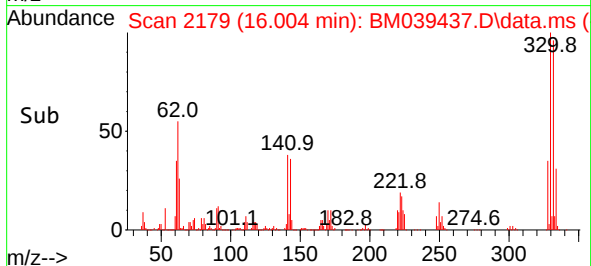
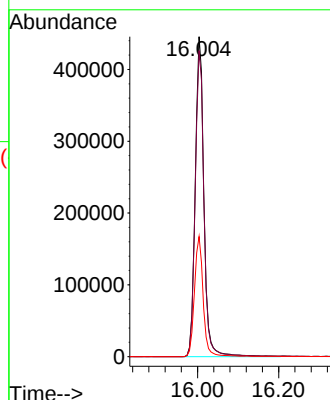
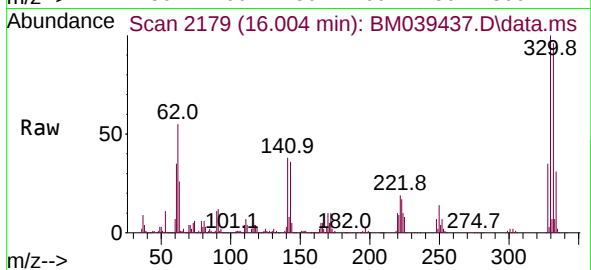
Tgt Ion:330 Resp: 667403

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 37.5 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 88.499 ng

RT: 13.127 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BM039437.D

Acq: 14 Apr 2023 17:51

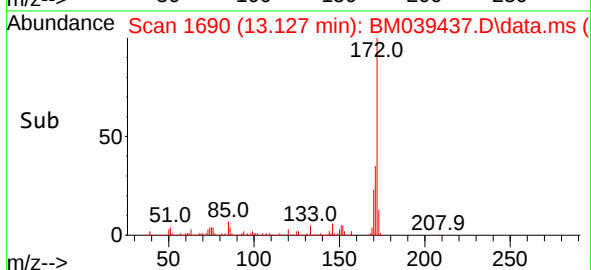
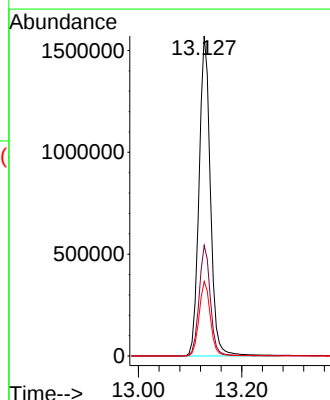
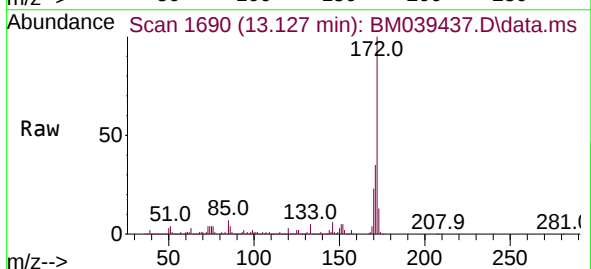
Tgt Ion:172 Resp: 2390093

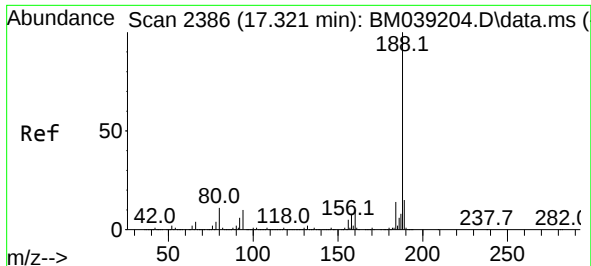
Ion Ratio Lower Upper

172 100

171 34.5 28.0 42.0

170 23.3 18.7 28.1

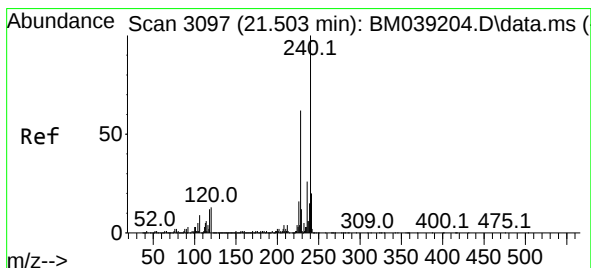
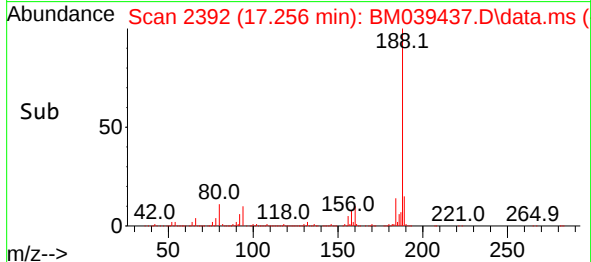
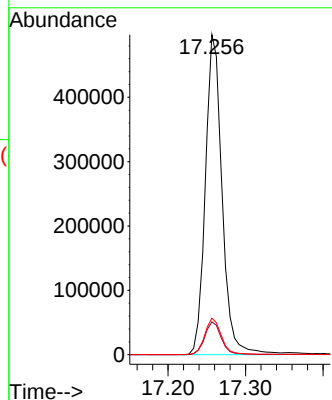
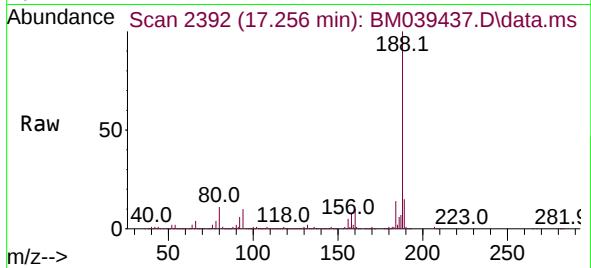




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039437.D
Acq: 14 Apr 2023 17:51

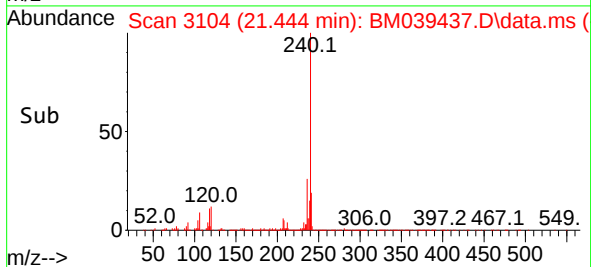
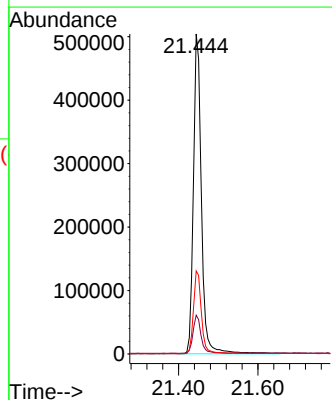
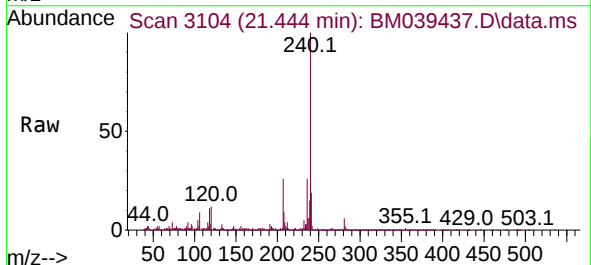
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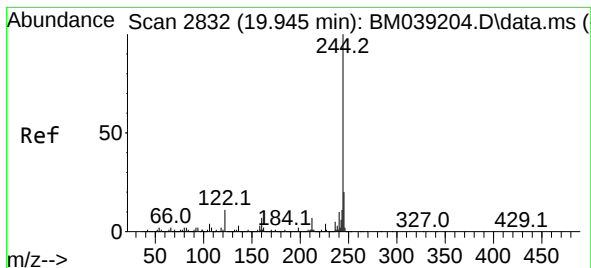
Tgt Ion:188 Resp: 745005
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.4
80 11.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM039437.D
Acq: 14 Apr 2023 17:51

Tgt Ion:240 Resp: 708612
Ion Ratio Lower Upper
240 100
120 12.1 10.2 15.2
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 86.492 ng

RT: 19.886 min Scan# 2839

Delta R.T. -0.006 min

Lab File: BM039437.D

Acq: 14 Apr 2023 17:51

Instrument :

BNA_M

ClientSampleId :

20230333-COMP-11

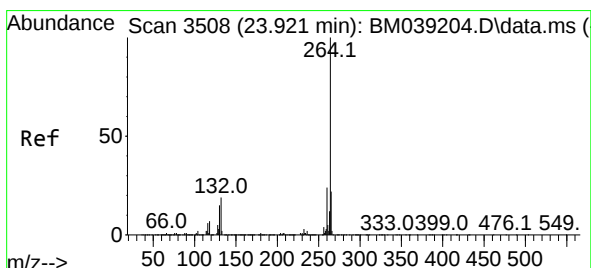
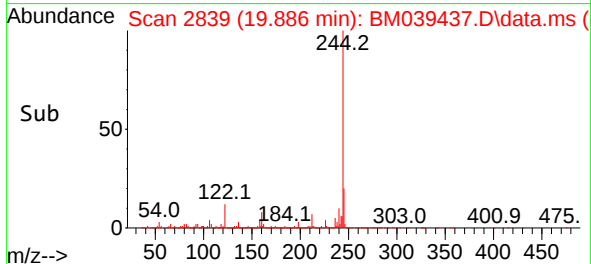
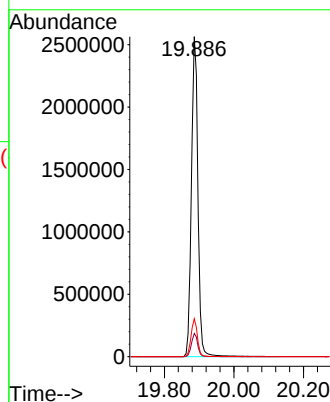
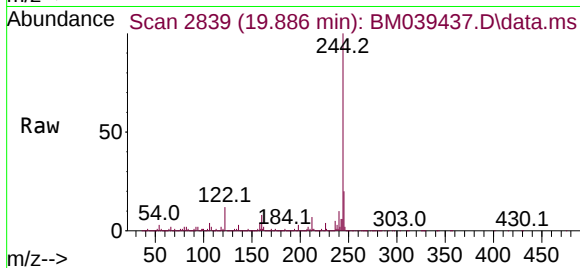
Tgt Ion:244 Resp: 3317335

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.9 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3509

Delta R.T. -0.006 min

Lab File: BM039437.D

Acq: 14 Apr 2023 17:51

Tgt Ion:264 Resp: 803733

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 22.7 18.1 27.1

