

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037280.D
 Acq On : 29 Oct 2022 20:35
 Operator : CG/JU
 Sample : N5234-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSP-SS-04-15-3

Quant Time: Oct 31 02:09:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 31 01:34:15 2022
 Response via : Initial Calibration

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

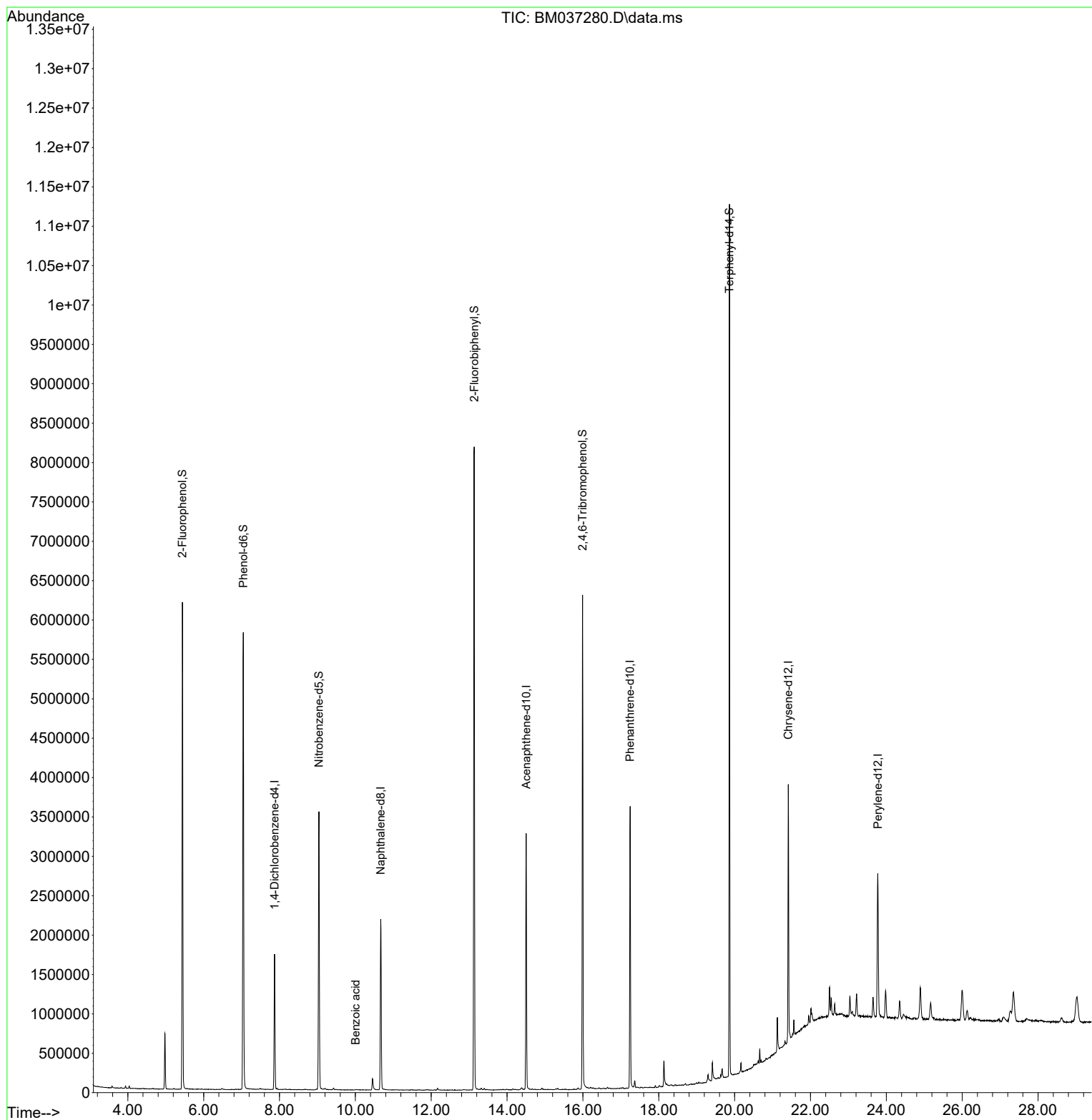
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	441256	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1786321	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1052178	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	2023850	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1451859	20.000	ng	0.00
86) Perylene-d12	23.774	264	1281653	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2505446	98.095	ng	0.00
7) Phenol-d6	7.046	99	3294493	95.039	ng	0.00
23) Nitrobenzene-d5	9.040	82	1957569	55.289	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1149493	92.704	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	4174059	52.710	ng	0.00
79) Terphenyl-d14	19.862	244	4822551	59.566	ng	0.00
Target Compounds						
32) Benzoic acid	10.010	122	433	6.995	ng	Qvalue # 31

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

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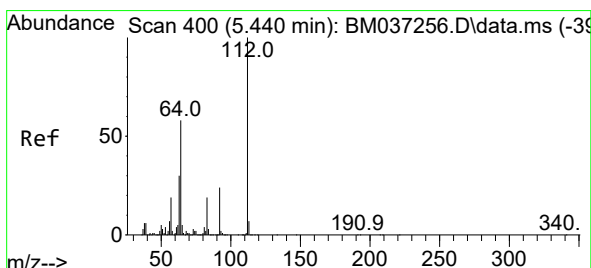
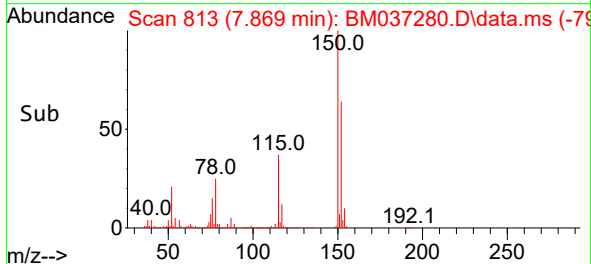
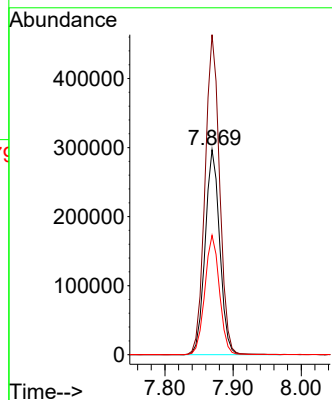
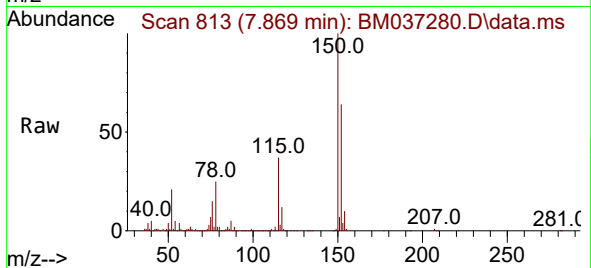




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM037280.D
Acq: 29 Oct 2022 20:35

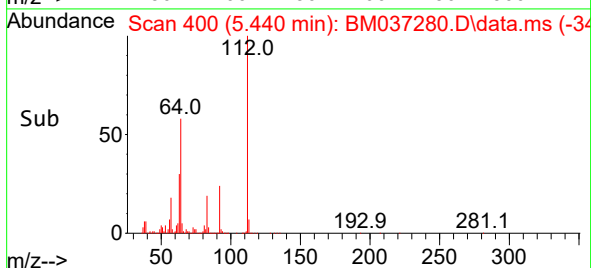
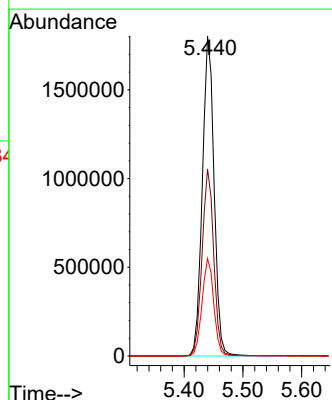
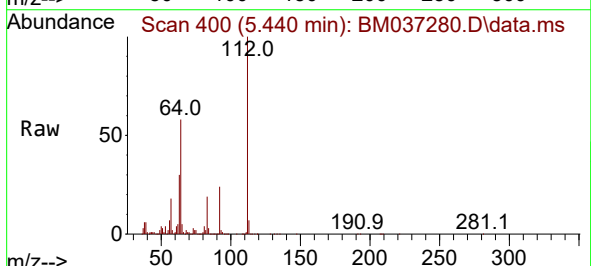
Instrument :
BNA_M
ClientSampleId :
LSP-SS-04-15-3

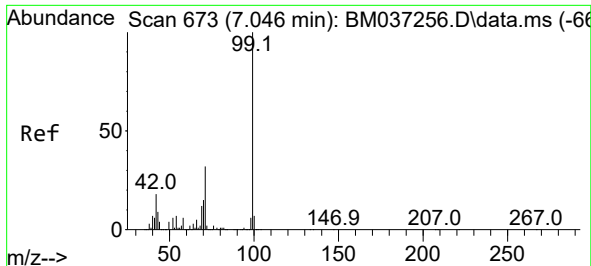
Tgt Ion:152 Resp: 441256
Ion Ratio Lower Upper
152 100
150 156.1 124.8 187.2
115 58.3 47.0 70.4



#5
2-Fluorophenol
Concen: 98.095 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM037280.D
Acq: 29 Oct 2022 20:35

Tgt Ion:112 Resp: 2505446
Ion Ratio Lower Upper
112 100
64 58.4 46.8 70.2
63 30.5 24.4 36.6

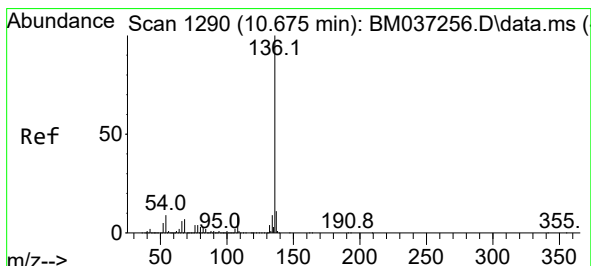
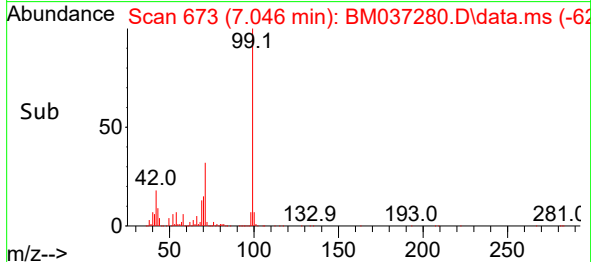
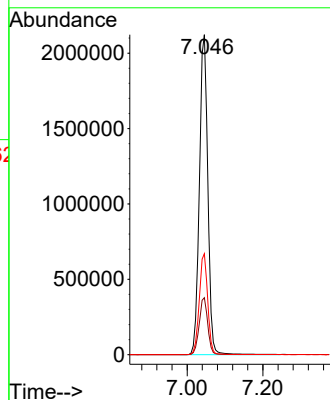
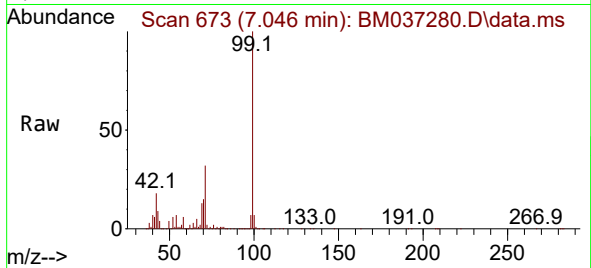




#7
Phenol-d6
Concen: 95.039 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM037280.D
Acq: 29 Oct 2022 20:35

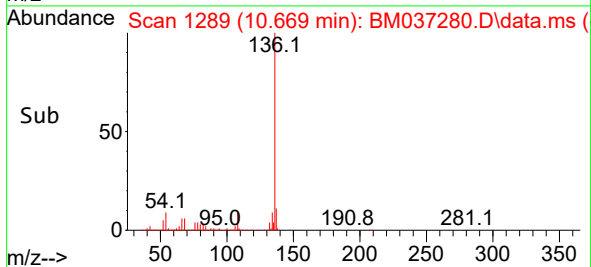
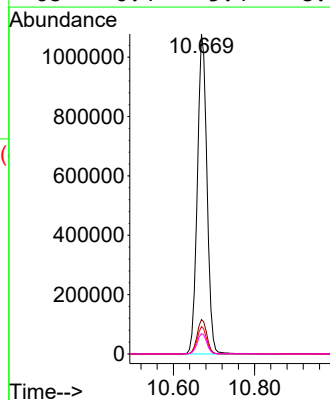
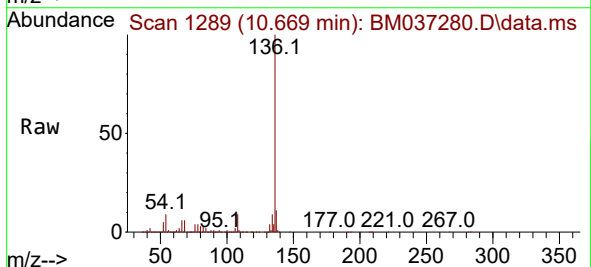
Instrument :
BNA_M
ClientSampleId :
LSP-SS-04-15-3

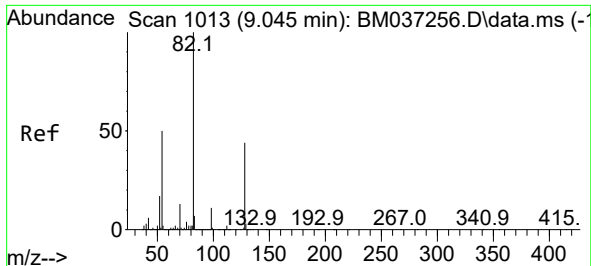
Tgt Ion: 99 Resp: 3294493
Ion Ratio Lower Upper
99 100
42 17.8 14.8 22.2
71 31.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM037280.D
Acq: 29 Oct 2022 20:35

Tgt Ion:136 Resp: 1786321
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.6 7.0 10.4
68 6.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 55.289 ng

RT: 9.040 min Scan# 1013

Delta R.T. -0.005 min

Lab File: BM037280.D

Acq: 29 Oct 2022 20:35

Instrument :

BNA_M

ClientSampleId :

LSP-SS-04-15-3

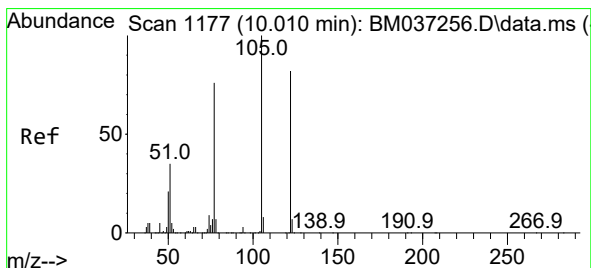
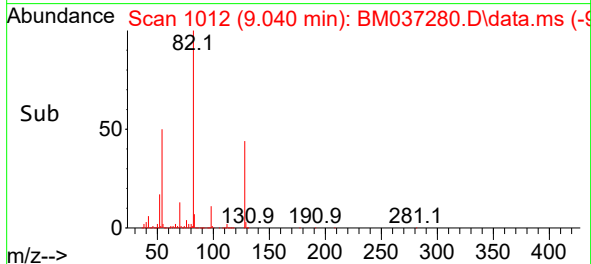
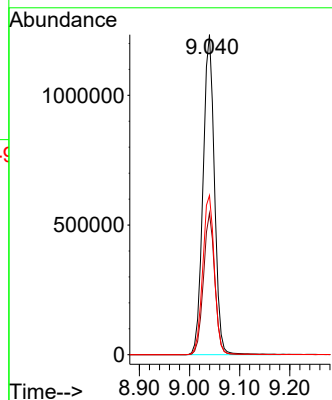
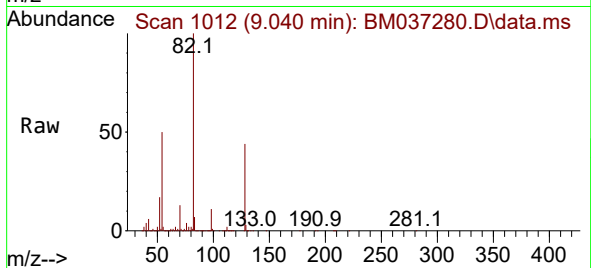
Tgt Ion: 82 Resp: 1957569

Ion Ratio Lower Upper

82 100

128 44.2 35.2 52.8

54 49.7 40.4 60.6



#32

Benzoic acid

Concen: 6.995 ng

RT: 10.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BM037280.D

Acq: 29 Oct 2022 20:35

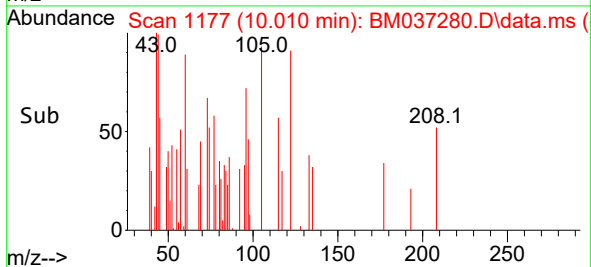
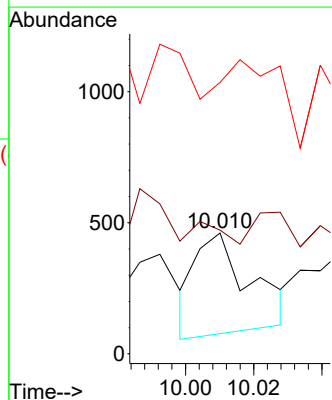
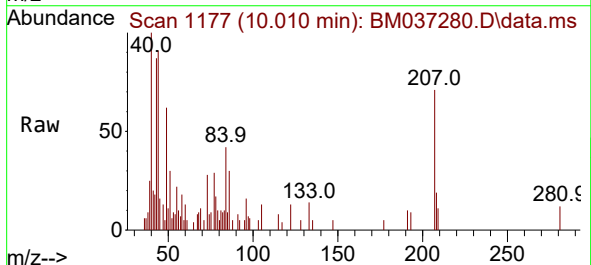
Tgt Ion:122 Resp: 433

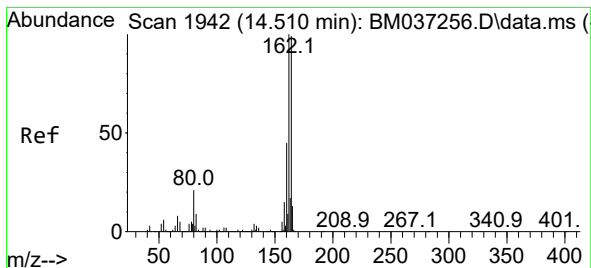
Ion Ratio Lower Upper

122 100

105 102.4 100.1 140.1

77 224.5 71.7 111.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1941

Delta R.T. -0.006 min

Lab File: BM037280.D

Acq: 29 Oct 2022 20:35

Instrument :

BNA_M

ClientSampleId :

LSP-SS-04-15-3

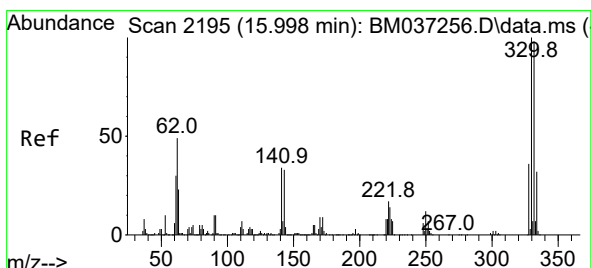
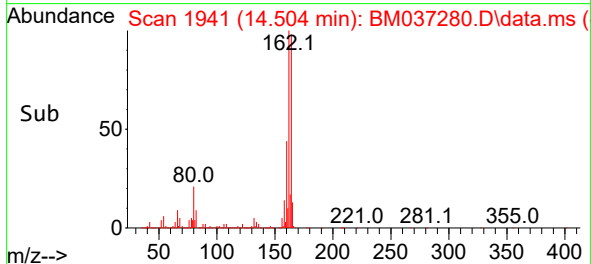
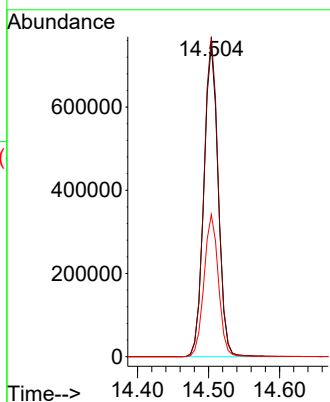
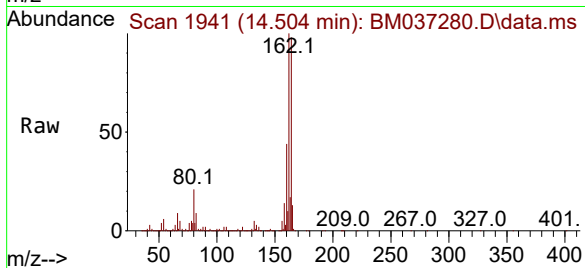
Tgt Ion:164 Resp: 1052178

Ion Ratio Lower Upper

164 100

162 102.6 80.6 120.8

160 45.5 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 92.704 ng

RT: 15.992 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BM037280.D

Acq: 29 Oct 2022 20:35

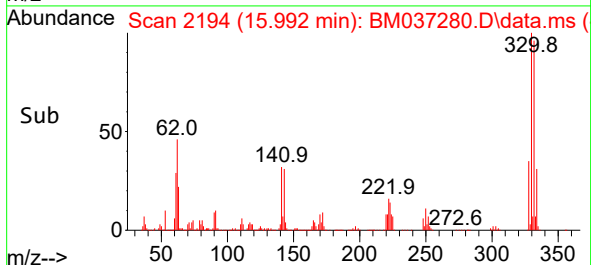
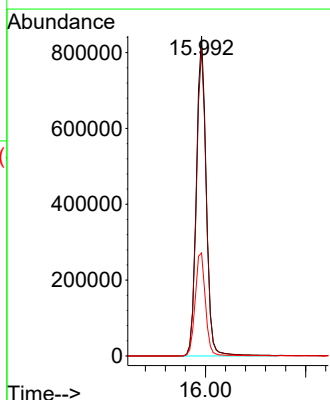
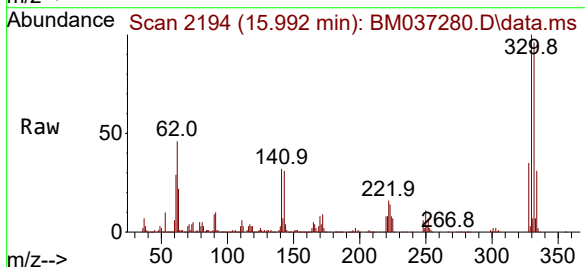
Tgt Ion:330 Resp: 1149493

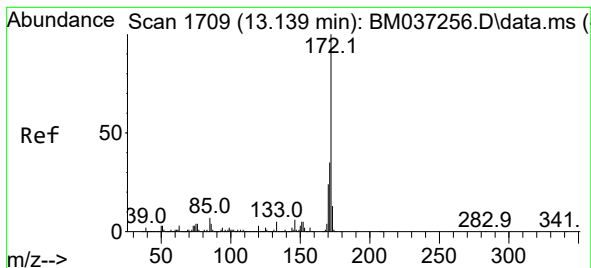
Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 33.8 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 52.710 ng

RT: 13.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037280.D

Acq: 29 Oct 2022 20:35

Instrument :

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LSP-SS-04-15-3

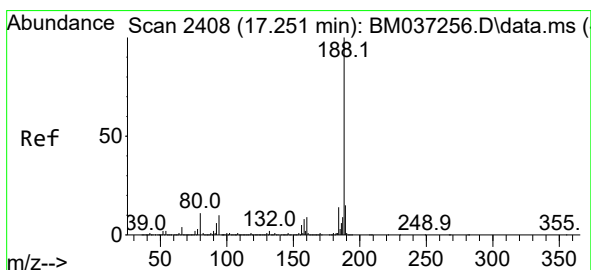
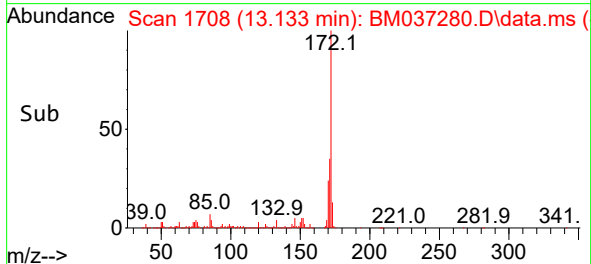
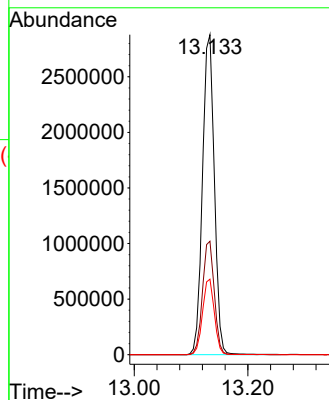
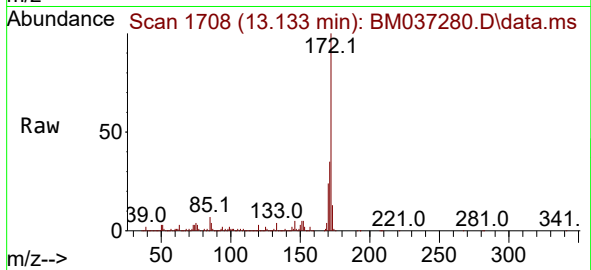
Tgt Ion:172 Resp: 4174059

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.6 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM037280.D

Acq: 29 Oct 2022 20:35

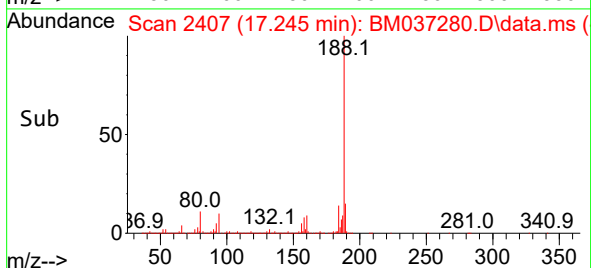
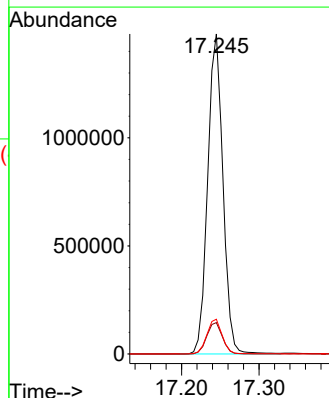
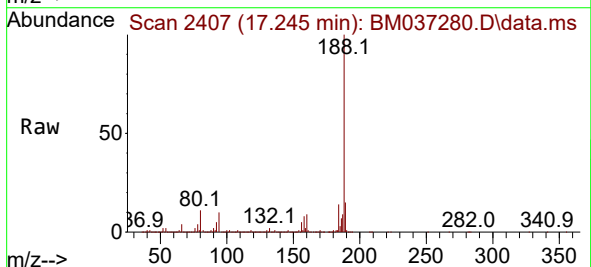
Tgt Ion:188 Resp: 2023850

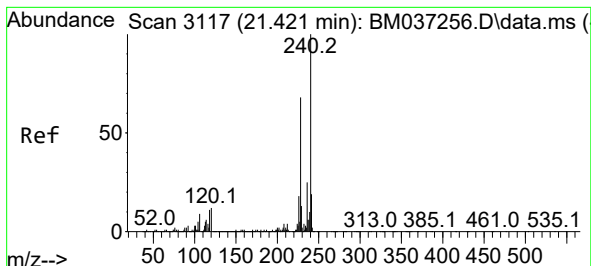
Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.9 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM037280.D

Acq: 29 Oct 2022 20:35

Instrument :

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ClientSampleId :

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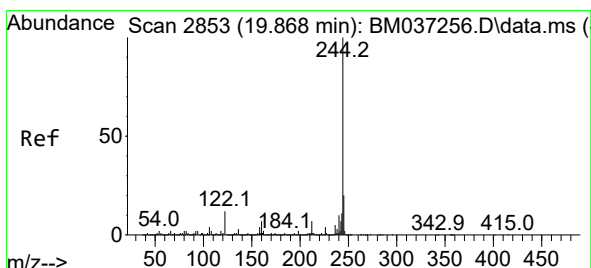
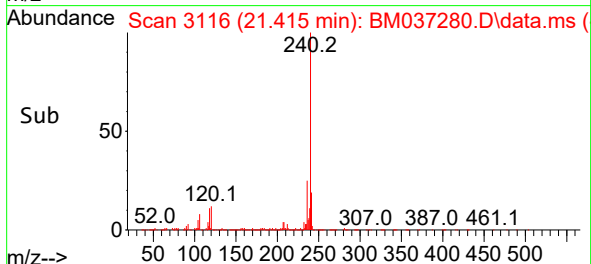
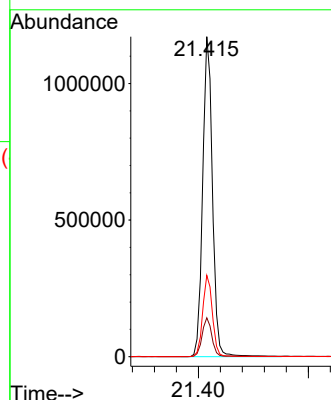
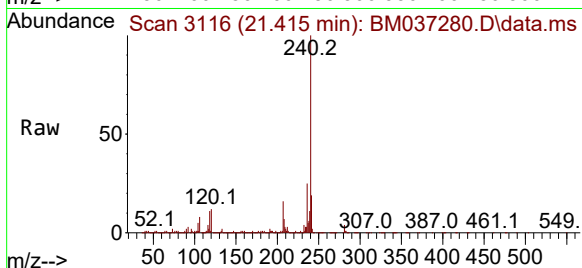
Tgt Ion:240 Resp: 1451859

Ion Ratio Lower Upper

240 100

120 12.2 9.9 14.9

236 25.4 20.3 30.5



#79

Terphenyl-d14

Concen: 59.566 ng

RT: 19.862 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BM037280.D

Acq: 29 Oct 2022 20:35

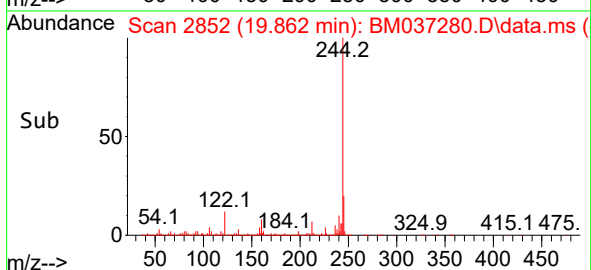
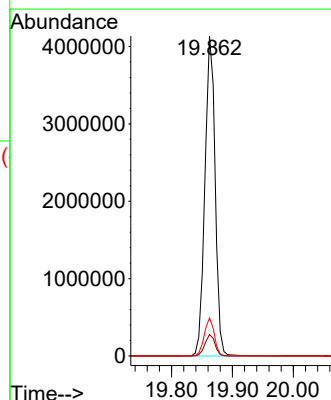
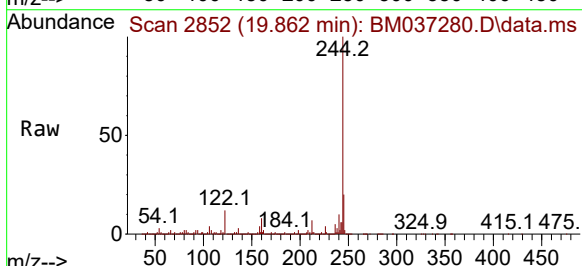
Tgt Ion:244 Resp: 4822551

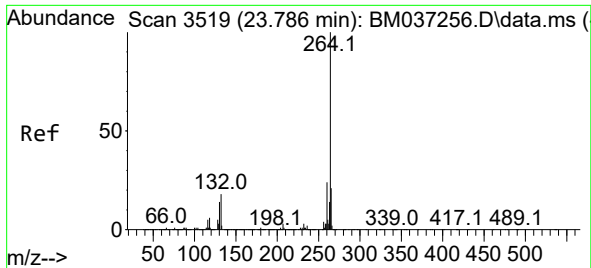
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.9 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM037280.D

Acq: 29 Oct 2022 20:35

Instrument :

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Tgt Ion:264 Resp: 1281653

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.5 17.7 26.5

