

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111022\
 Data File : BM037446.D
 Acq On : 10 Nov 2022 11:43
 Operator : CG/JU
 Sample : PB148920BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148920BL

Quant Time: Nov 10 15:55:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 09 02:08:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	308186	20.000	ng	-0.01
21) Naphthalene-d8	10.610	136	1278117	20.000	ng	-0.02
39) Acenaphthene-d10	14.451	164	887715	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1922821	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1647535	20.000	ng	0.00
86) Perylene-d12	23.697	264	1442248	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2371764	132.957	ng	0.00
7) Phenol-d6	6.998	99	3120688	128.897	ng	0.00
23) Nitrobenzene-d5	8.981	82	1861585	73.485	ng	-0.02
42) 2,4,6-Tribromophenol	15.945	330	1742852	166.598	ng	-0.01
45) 2-Fluorobiphenyl	13.075	172	5069762	75.882	ng	-0.02
79) Terphenyl-d14	19.815	244	8699692	94.692	ng	-0.01

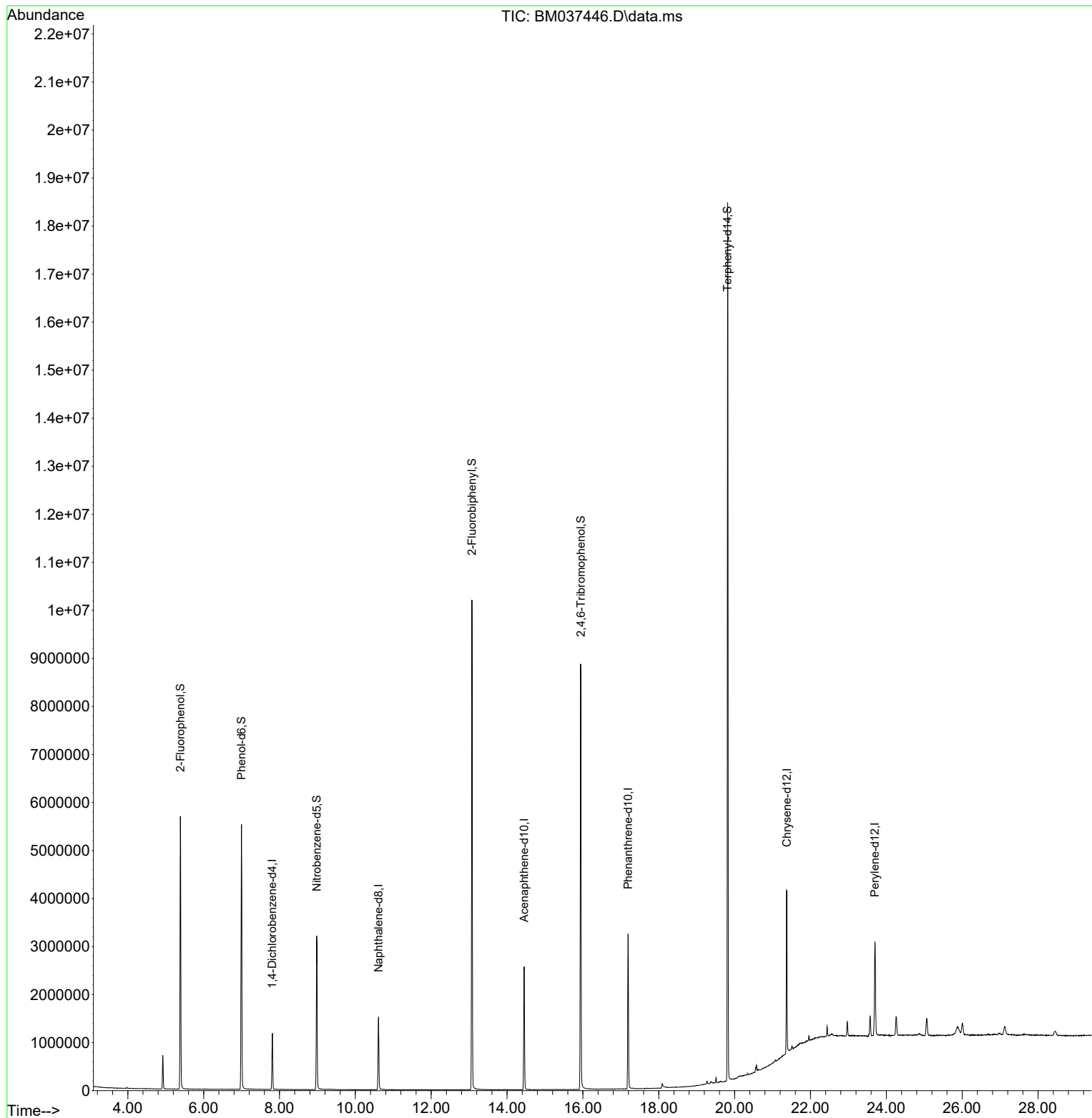
Target Compounds	Qvalue

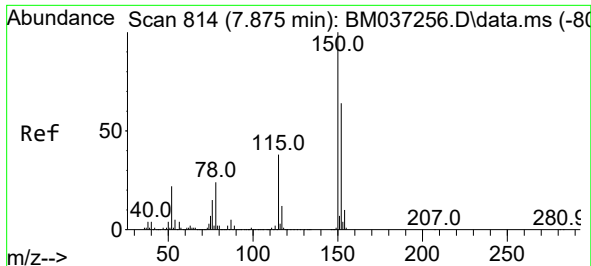
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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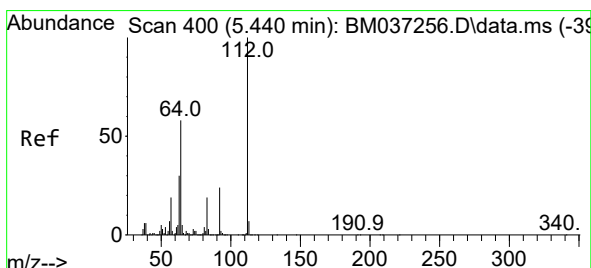
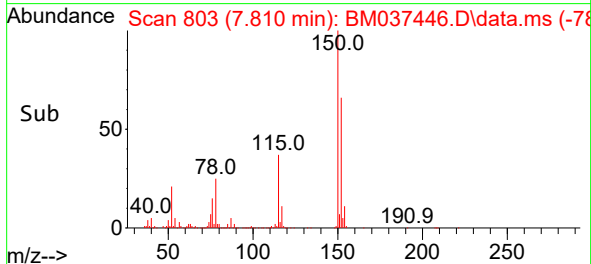
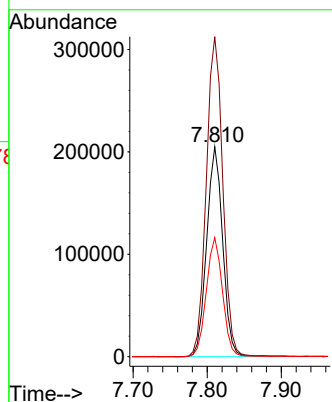
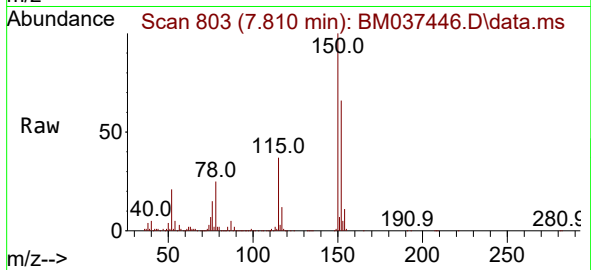




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM037446.D
Acq: 10 Nov 2022 11:43

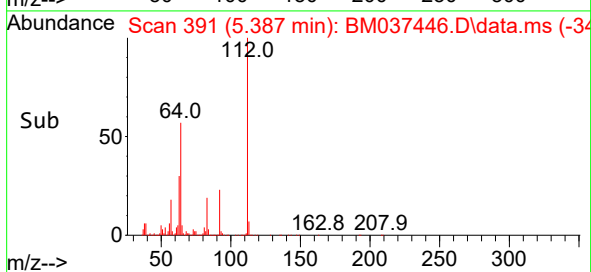
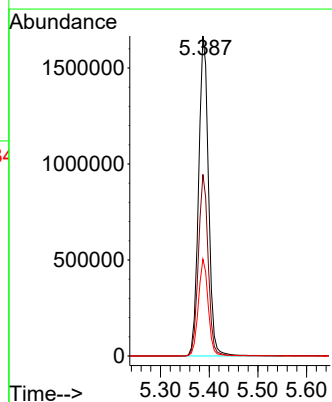
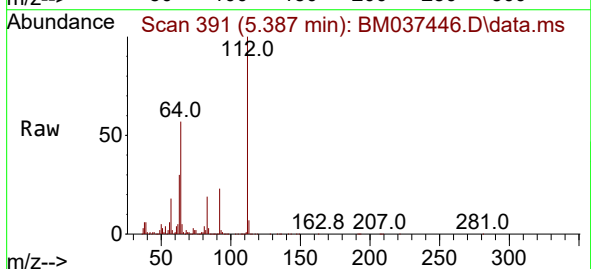
Instrument :
BNA_M
ClientSampleId :
PB148920BL

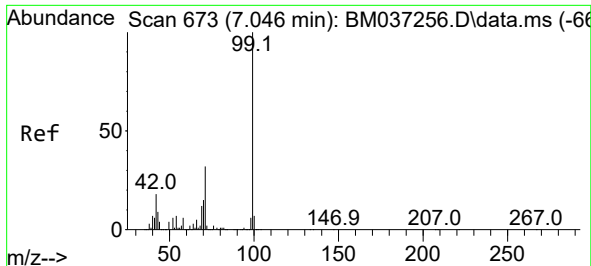
Tgt Ion:152 Resp: 308186
Ion Ratio Lower Upper
152 100
150 152.5 124.8 187.2
115 56.7 47.0 70.4



#5
2-Fluorophenol
Concen: 132.957 ng
RT: 5.387 min Scan# 391
Delta R.T. -0.006 min
Lab File: BM037446.D
Acq: 10 Nov 2022 11:43

Tgt Ion:112 Resp: 2371764
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 30.2 24.4 36.6

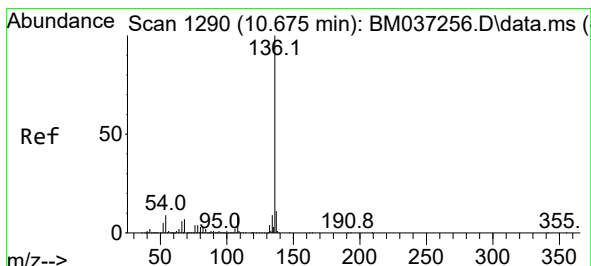
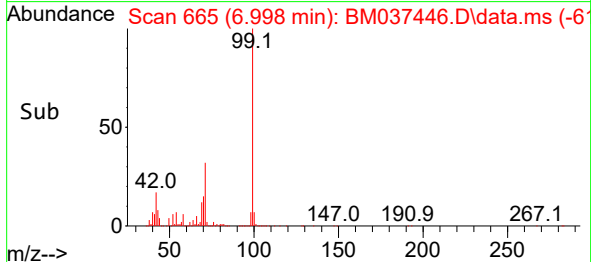
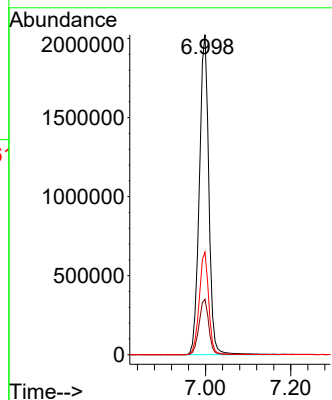
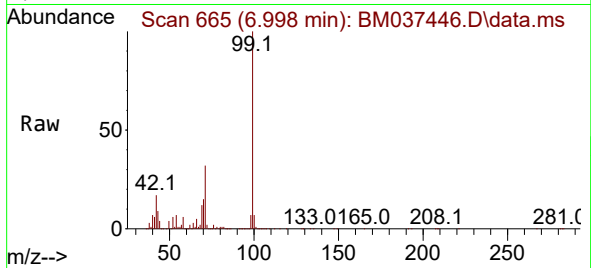




#7
Phenol-d6
Concen: 128.897 ng
RT: 6.998 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037446.D
Acq: 10 Nov 2022 11:43

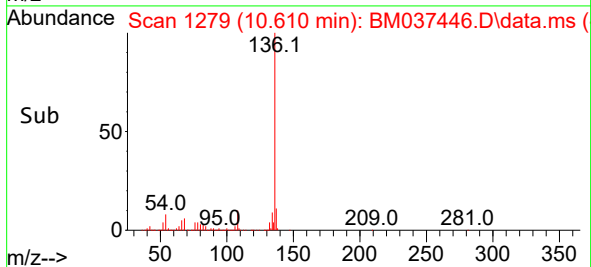
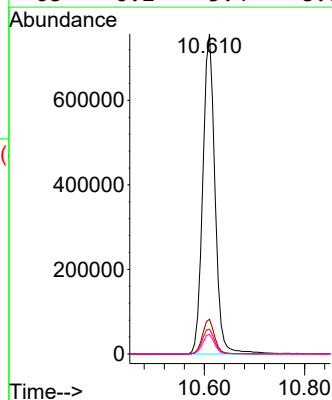
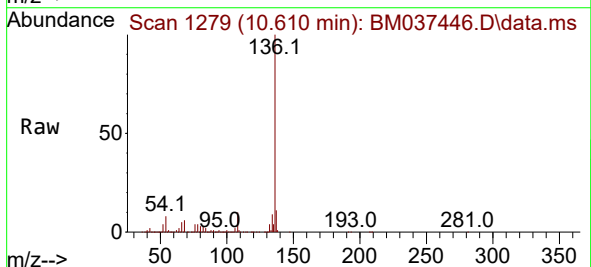
Instrument :
BNA_M
ClientSampleId :
PB148920BL

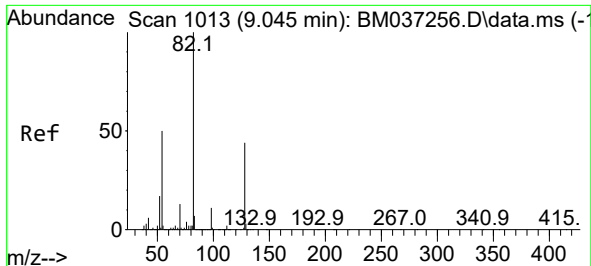
Tgt Ion: 99 Resp: 3120688
Ion Ratio Lower Upper
99 100
42 17.3 14.8 22.2
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BM037446.D
Acq: 10 Nov 2022 11:43

Tgt Ion: 136 Resp: 1278117
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.8 7.0 10.4
68 6.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 73.485 ng

RT: 8.981 min Scan# 1002

Delta R.T. -0.018 min

Lab File: BM037446.D

Acq: 10 Nov 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB148920BL

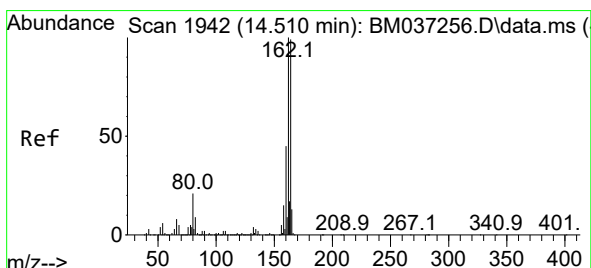
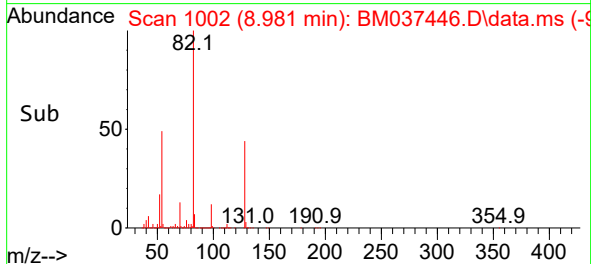
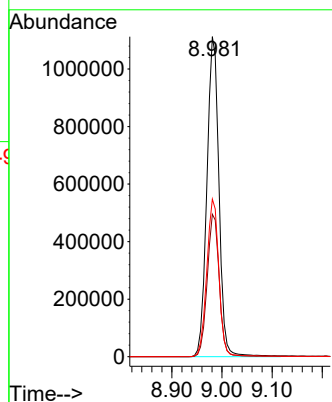
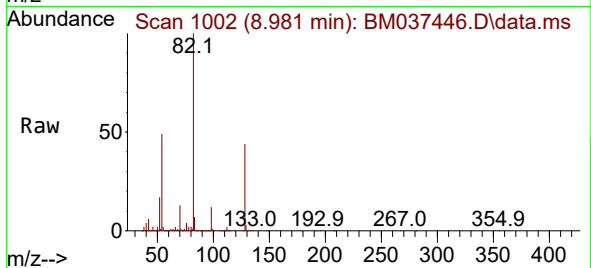
Tgt Ion: 82 Resp: 1861585

Ion Ratio Lower Upper

82 100

128 44.5 35.2 52.8

54 49.2 40.4 60.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1932

Delta R.T. -0.012 min

Lab File: BM037446.D

Acq: 10 Nov 2022 11:43

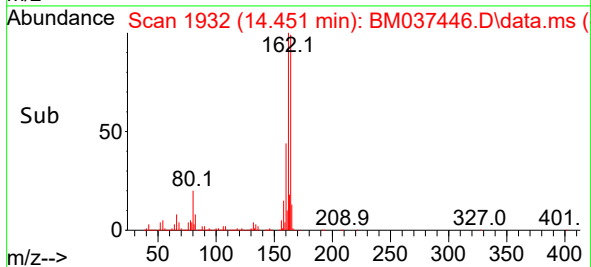
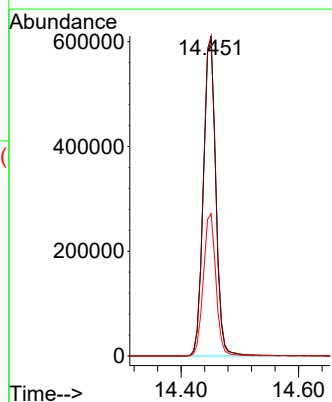
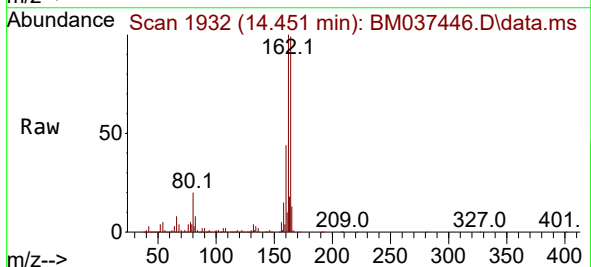
Tgt Ion: 164 Resp: 887715

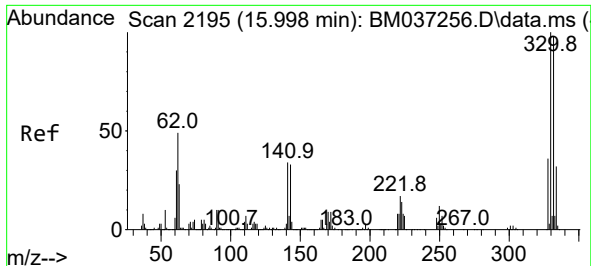
Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

160 45.0 36.2 54.4

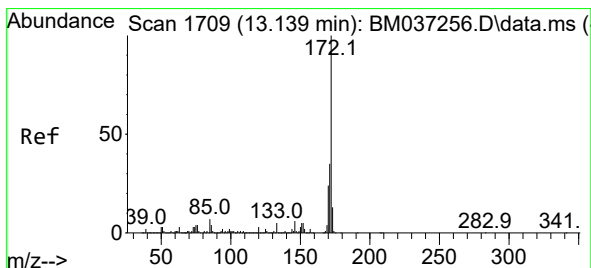
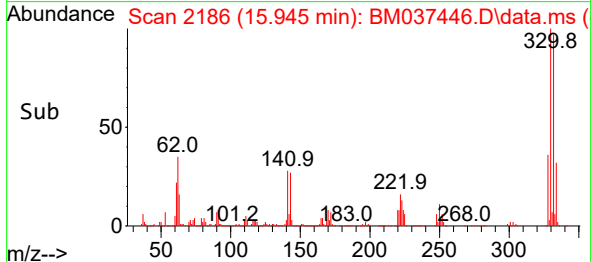
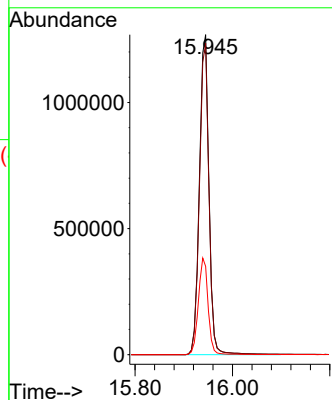
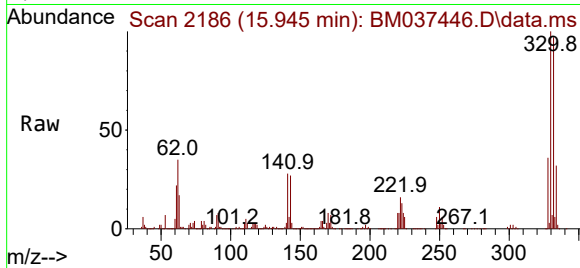




#42
 2,4,6-Tribromophenol
 Concen: 166.598 ng
 RT: 15.945 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM037446.D
 Acq: 10 Nov 2022 11:43

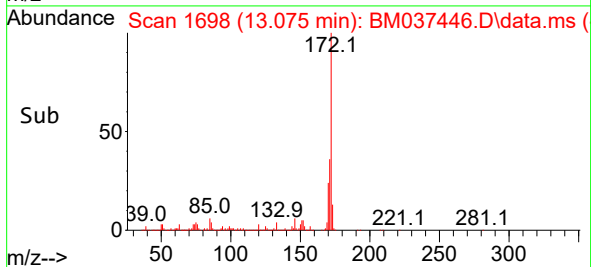
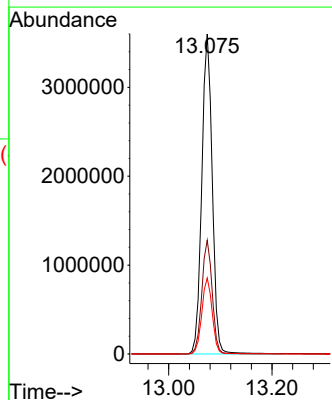
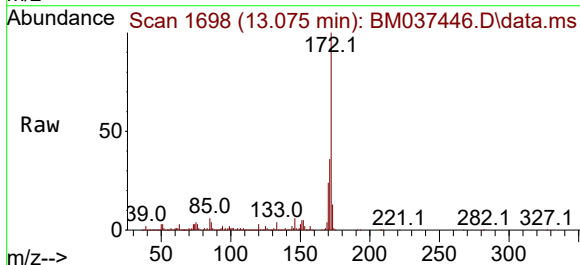
Instrument :
 BNA_M
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 PB148920BL

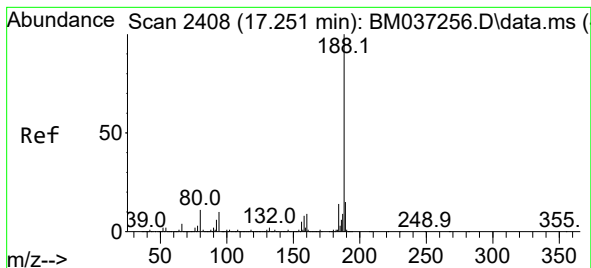
Tgt Ion:330 Resp: 1742852
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.0 117.0
 141 30.7 27.5 41.3



#45
 2-Fluorobiphenyl
 Concen: 75.882 ng
 RT: 13.075 min Scan# 1698
 Delta R.T. -0.018 min
 Lab File: BM037446.D
 Acq: 10 Nov 2022 11:43

Tgt Ion:172 Resp: 5069762
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.1 42.1
 170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM037446.D

Acq: 10 Nov 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB148920BL

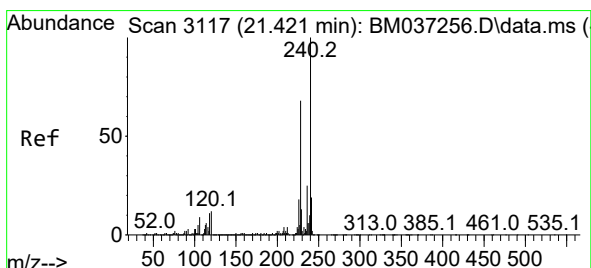
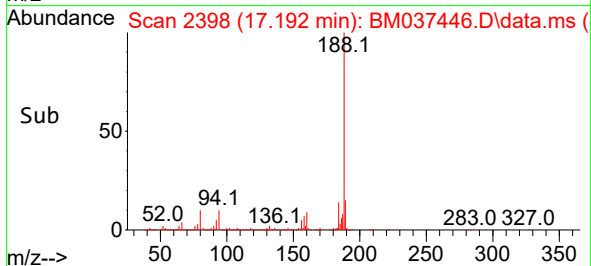
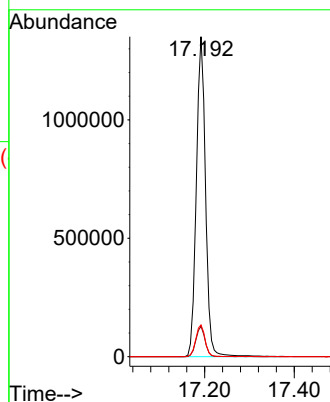
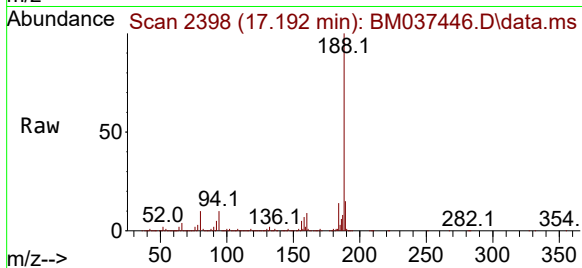
Tgt Ion:188 Resp: 1922821

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.0 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.374 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BM037446.D

Acq: 10 Nov 2022 11:43

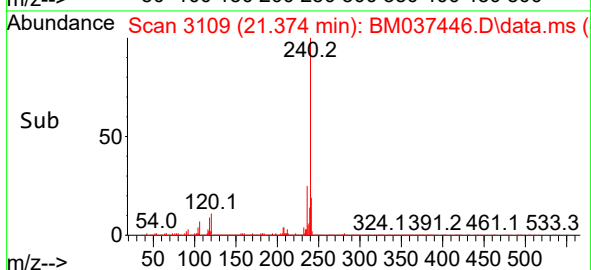
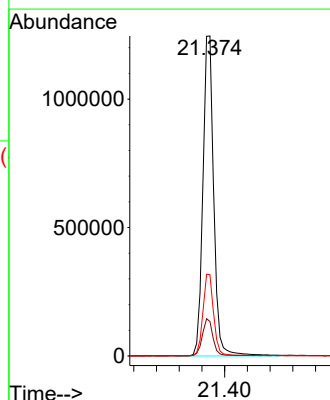
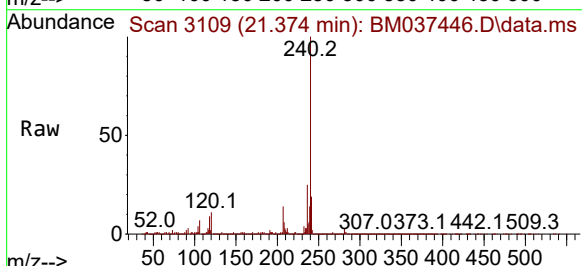
Tgt Ion:240 Resp: 1647535

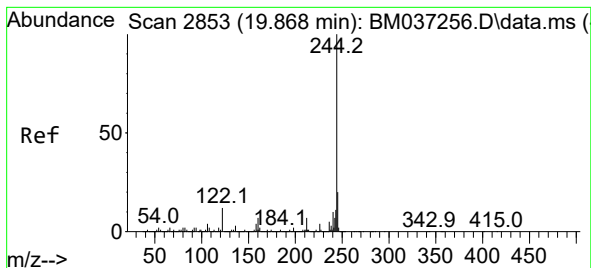
Ion Ratio Lower Upper

240 100

120 10.8 9.9 14.9

236 25.4 20.3 30.5





#79

Terphenyl-d14

Concen: 94.692 ng

RT: 19.815 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM037446.D

Acq: 10 Nov 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB148920BL

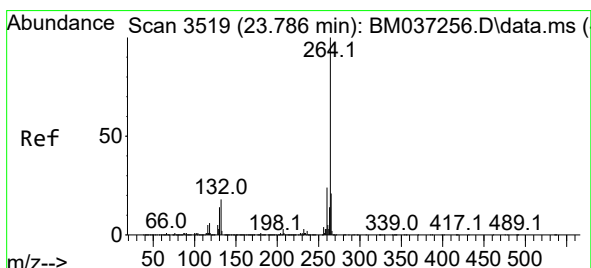
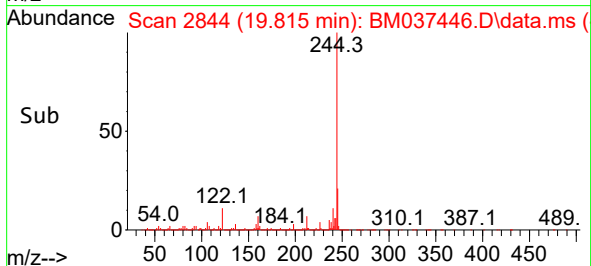
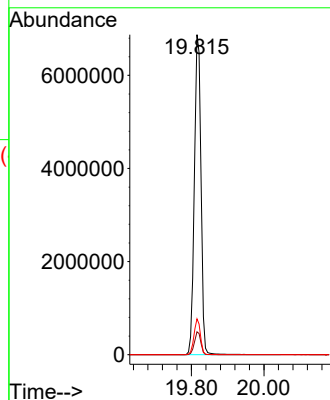
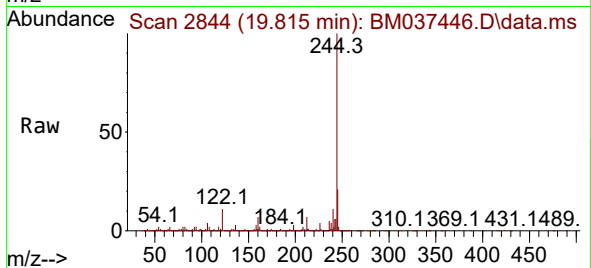
Tgt Ion:244 Resp: 8699692

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.2 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.697 min Scan# 3504

Delta R.T. -0.012 min

Lab File: BM037446.D

Acq: 10 Nov 2022 11:43

Tgt Ion:264 Resp: 1442248

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.7 17.7 26.5

