

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
 Data File : BM041433.D
 Acq On : 17 Aug 2023 12:20
 Operator : MA/JU
 Sample : PB154612BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154612BL

Quant Time: Aug 17 13:04:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:13:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	127860	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	496517	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	320658	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	742867	20.000	ng	0.00
76) Chrysene-d12	21.392	240	746146	20.000	ng	0.00
86) Perylene-d12	23.750	264	871327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	870939	113.317	ng	0.00
7) Phenol-d6	6.946	99	1088540	104.301	ng	0.00
23) Nitrobenzene-d5	8.940	82	688799	66.222	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	482625	94.843	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	1598090	66.784	ng	0.00
79) Terphenyl-d14	19.821	244	2898596	67.601	ng	0.00

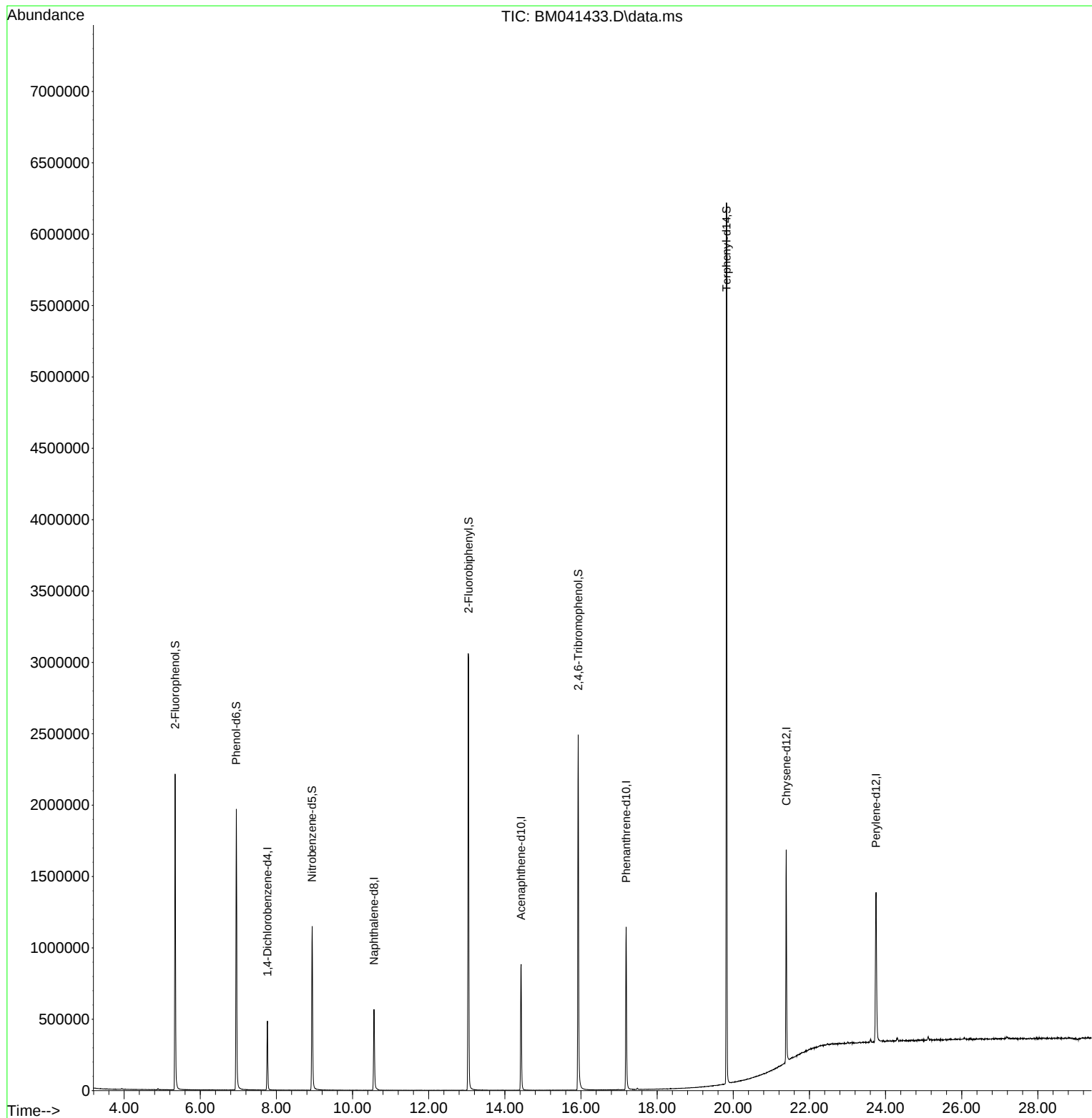
Target Compounds	Qvalue

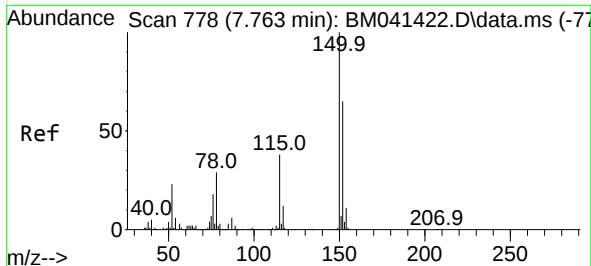
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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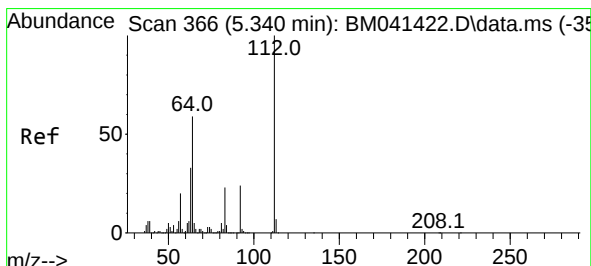
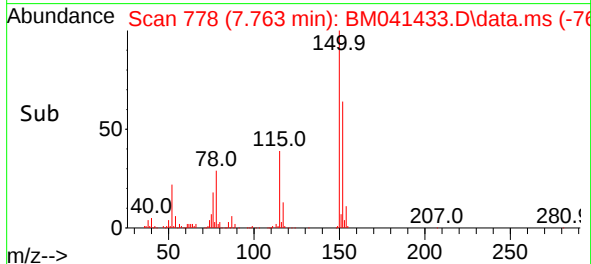
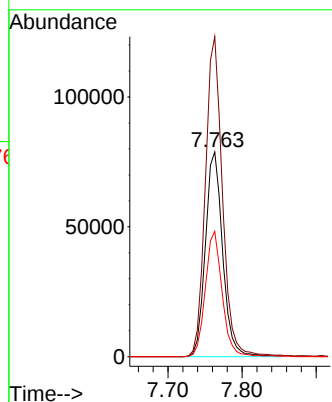
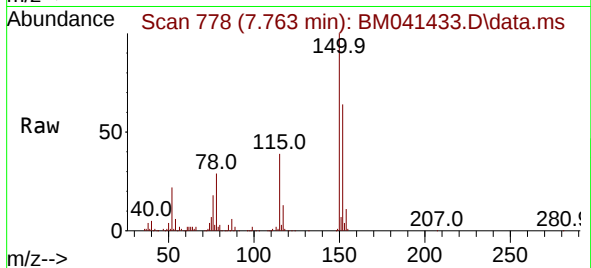




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 778
 Delta R.T. 0.000 min
 Lab File: BM041433.D
 Acq: 17 Aug 2023 12:20

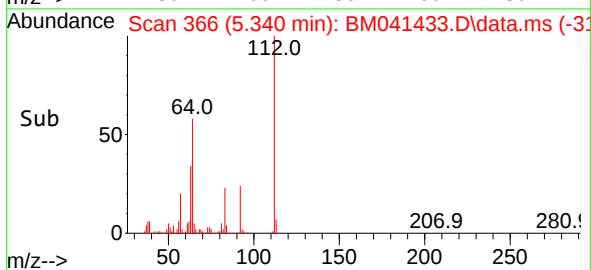
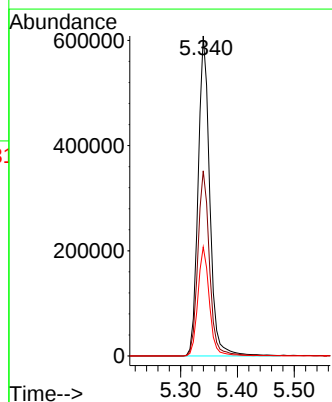
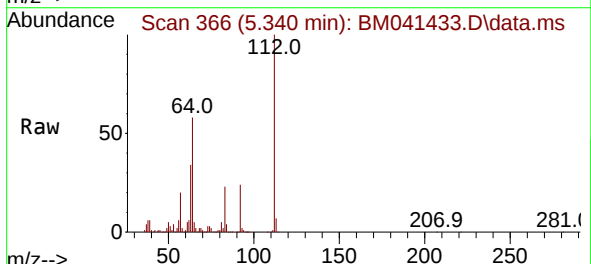
Instrument :
 BNA_M
 ClientSampleId :
 PB154612BL

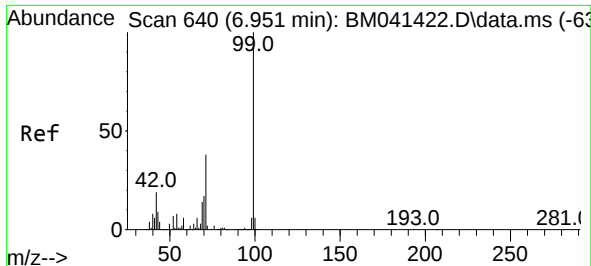
Tgt Ion:152 Resp: 127860
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.8 185.6
 115 61.2 46.6 70.0



#5
 2-Fluorophenol
 Concen: 113.317 ng
 RT: 5.340 min Scan# 366
 Delta R.T. 0.000 min
 Lab File: BM041433.D
 Acq: 17 Aug 2023 12:20

Tgt Ion:112 Resp: 870939
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.3 70.9
 63 34.0 26.5 39.7

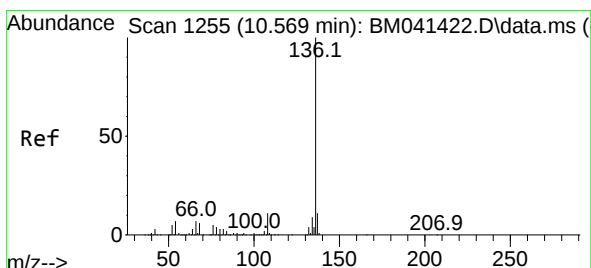
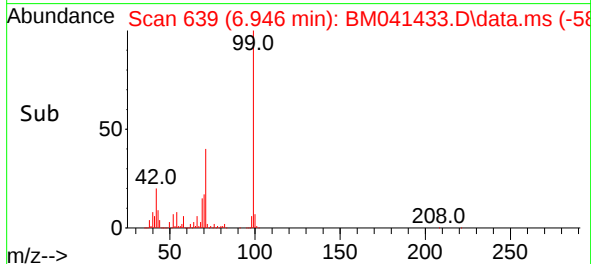
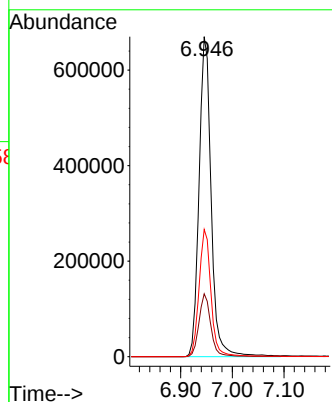
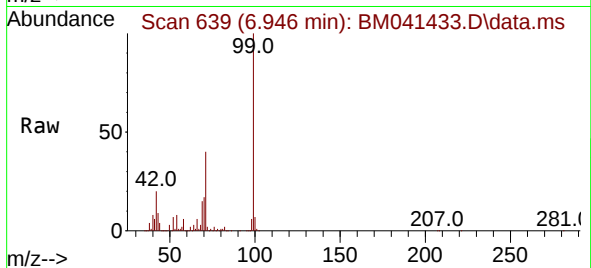




#7
Phenol-d6
Concen: 104.301 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041433.D
Acq: 17 Aug 2023 12:20

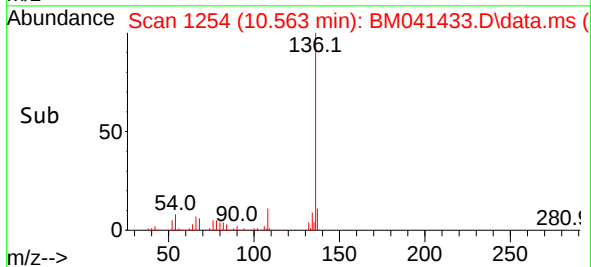
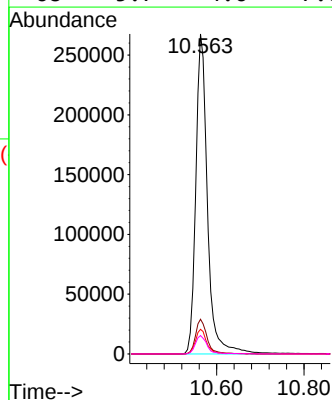
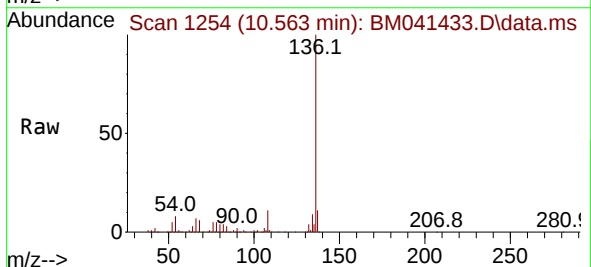
Instrument :
BNA_M
ClientSampleId :
PB154612BL

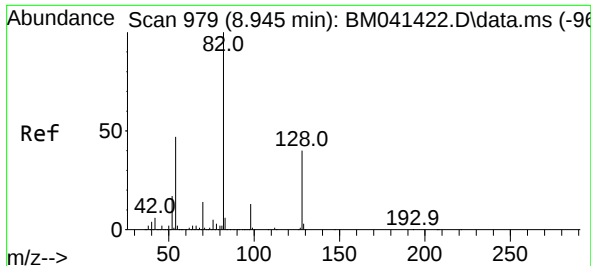
Tgt Ion: 99 Resp: 1088540
Ion Ratio Lower Upper
99 100
42 19.6 15.2 22.8
71 39.8 30.7 46.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BM041433.D
Acq: 17 Aug 2023 12:20

Tgt Ion: 136 Resp: 496517
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.7 5.7 8.5
68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 66.222 ng

RT: 8.940 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM041433.D

Acq: 17 Aug 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB154612BL

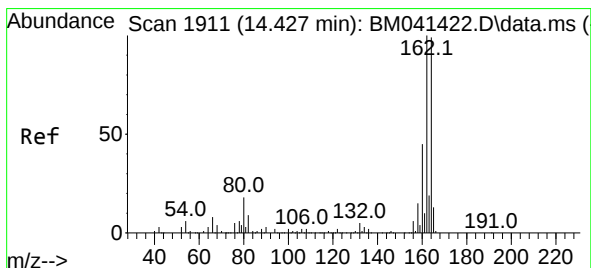
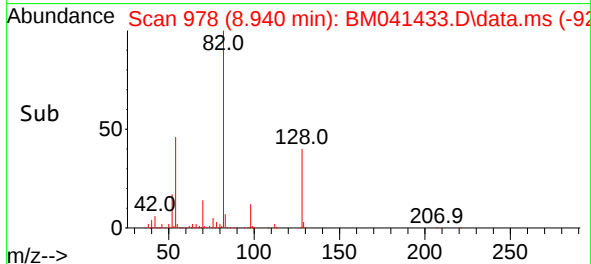
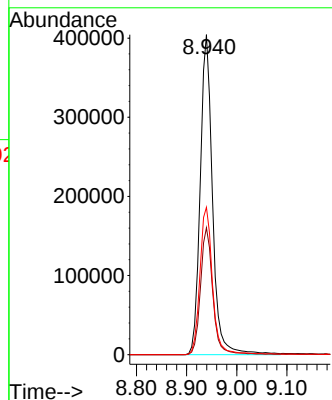
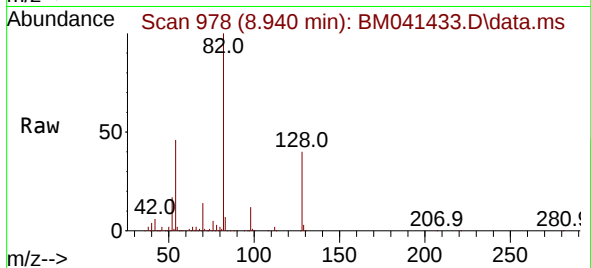
Tgt Ion: 82 Resp: 688799

Ion Ratio Lower Upper

82 100

128 39.6 32.2 48.4

54 46.0 37.5 56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1911

Delta R.T. 0.000 min

Lab File: BM041433.D

Acq: 17 Aug 2023 12:20

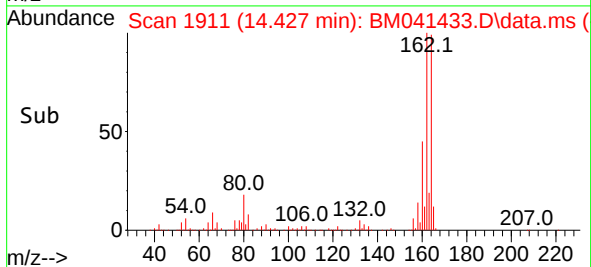
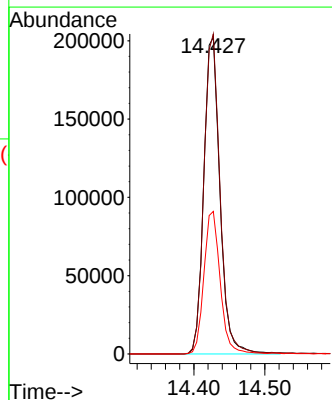
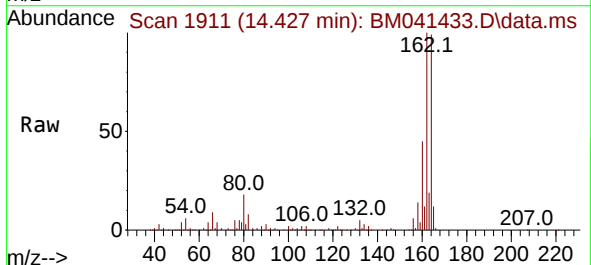
Tgt Ion: 164 Resp: 320658

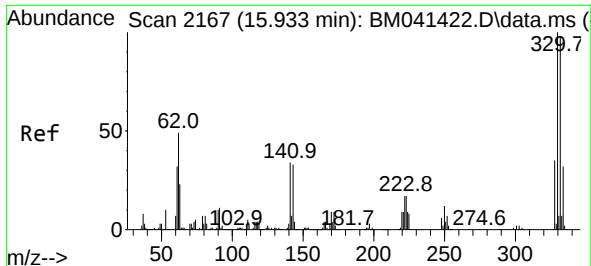
Ion Ratio Lower Upper

164 100

162 101.1 80.4 120.6

160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 94.843 ng

RT: 15.927 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041433.D

Acq: 17 Aug 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB154612BL

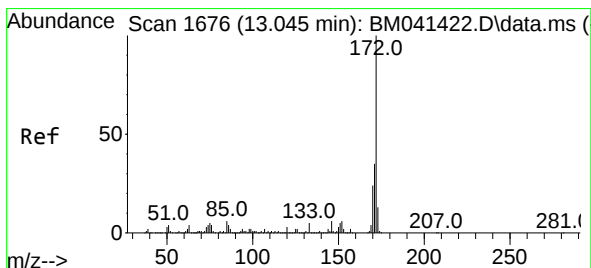
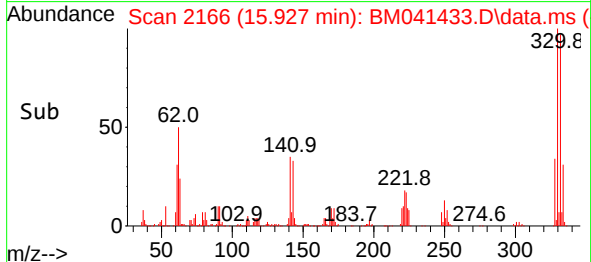
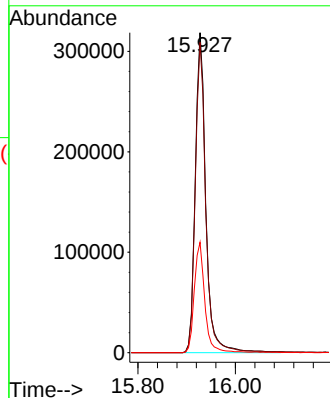
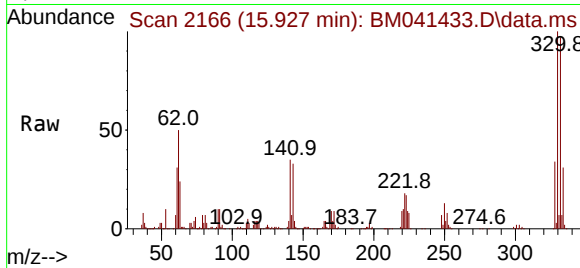
Tgt Ion:330 Resp: 482625

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 34.2 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 66.784 ng

RT: 13.045 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BM041433.D

Acq: 17 Aug 2023 12:20

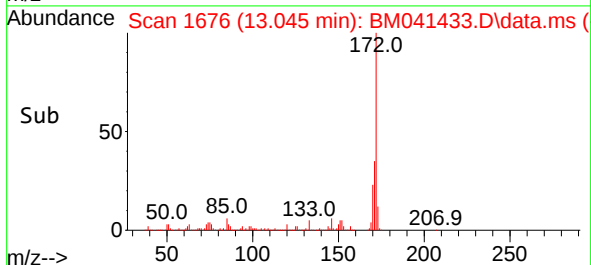
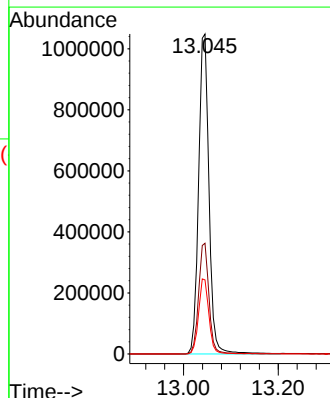
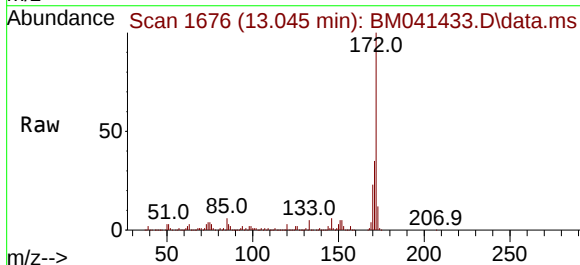
Tgt Ion:172 Resp: 1598090

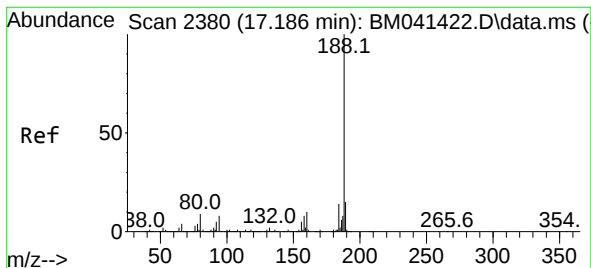
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.1 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041433.D

Acq: 17 Aug 2023 12:20

Instrument :

BNA_M

ClientSampleId :

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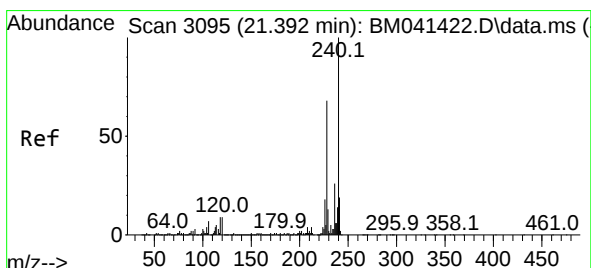
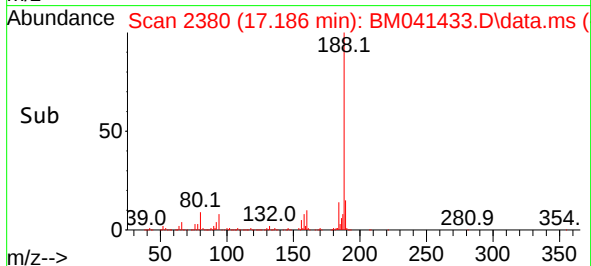
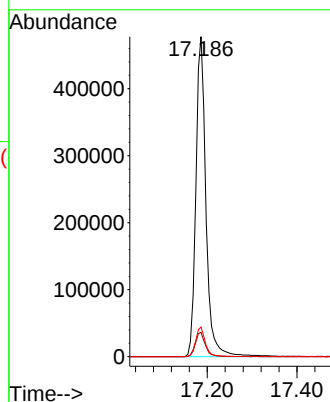
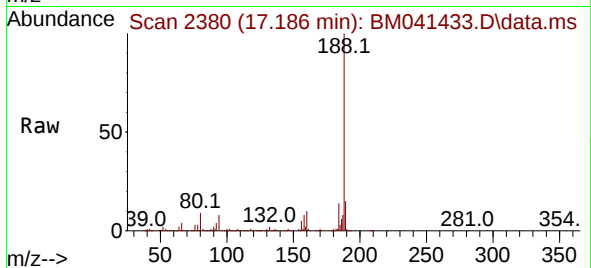
Tgt Ion:188 Resp: 742867

Ion Ratio Lower Upper

188 100

94 7.6 6.6 9.8

80 9.2 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM041433.D

Acq: 17 Aug 2023 12:20

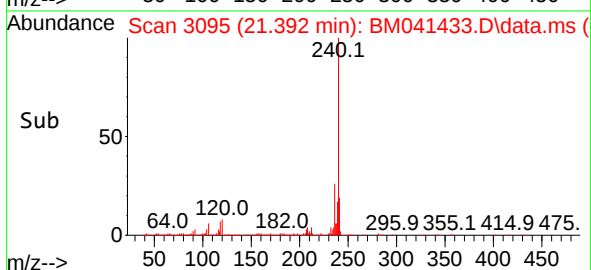
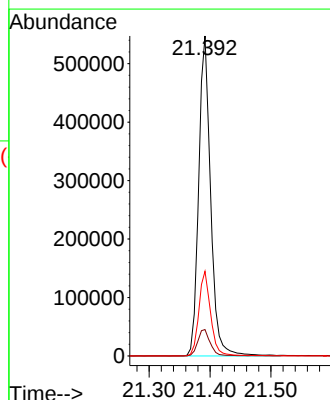
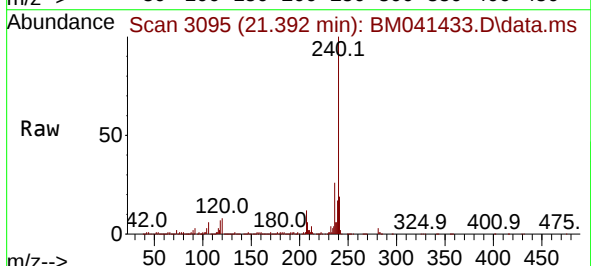
Tgt Ion:240 Resp: 746146

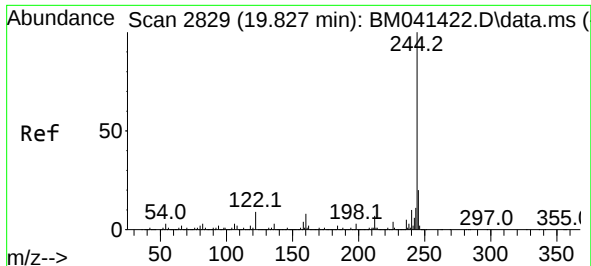
Ion Ratio Lower Upper

240 100

120 8.3 7.4 11.2

236 26.5 20.8 31.2

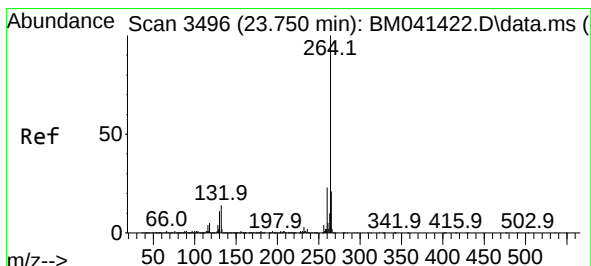
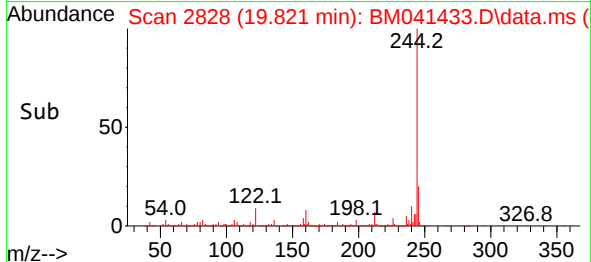
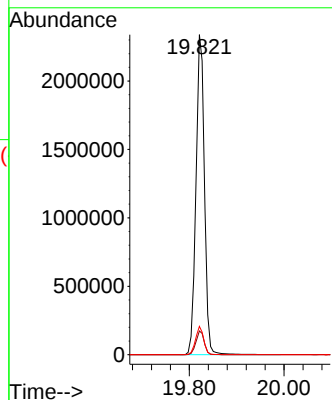
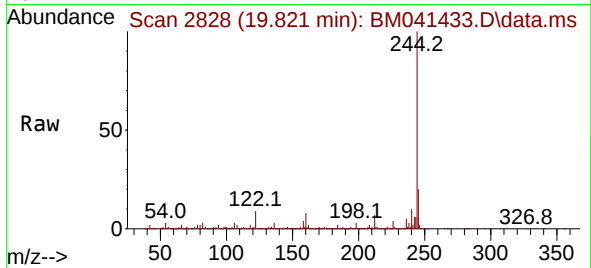




#79
 Terphenyl-d14
 Concen: 67.601 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041433.D
 Acq: 17 Aug 2023 12:20

Instrument :
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Tgt Ion:244 Resp: 2898596
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 8.8 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.750 min Scan# 3496
 Delta R.T. 0.000 min
 Lab File: BM041433.D
 Acq: 17 Aug 2023 12:20

Tgt Ion:264 Resp: 871327
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.5 17.5 26.3

