

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041443.D
 Acq On : 21 Aug 2023 11:58
 Operator : MA/JU
 Sample : PB154930TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154930TB

Quant Time: Aug 22 03:35:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 03:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	127566	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	510459	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	347727	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	816278	20.000	ng	0.00
76) Chrysene-d12	21.386	240	845624	20.000	ng	0.00
86) Perylene-d12	23.727	264	1022856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1043541	136.087	ng	0.00
7) Phenol-d6	6.957	99	1318931	126.668	ng	0.00
23) Nitrobenzene-d5	8.934	82	823638	77.023	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	666299	120.745	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	2028225	78.161	ng	0.00
79) Terphenyl-d14	19.821	244	3890455	80.060	ng	0.00

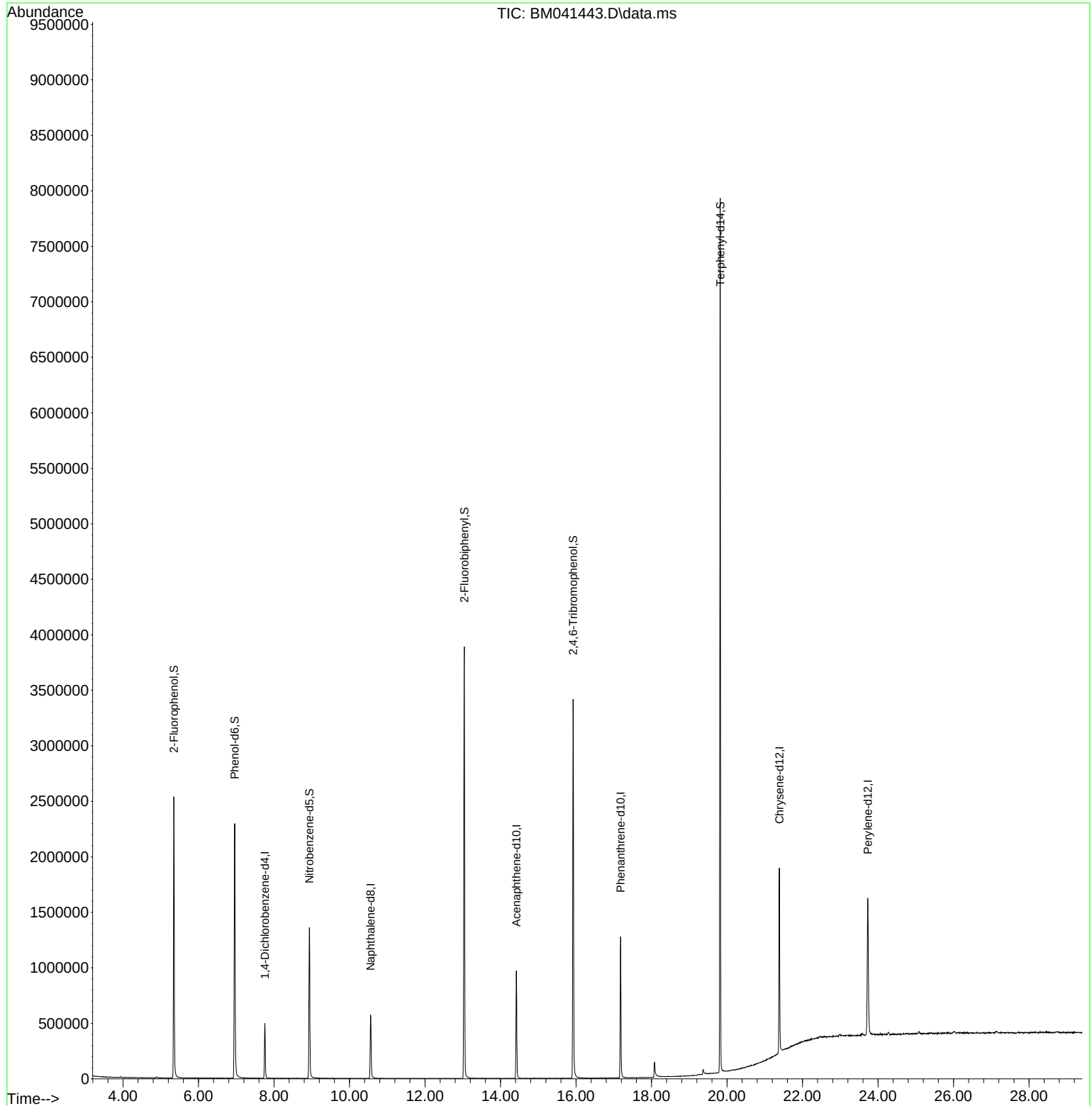
Target Compounds	Qvalue

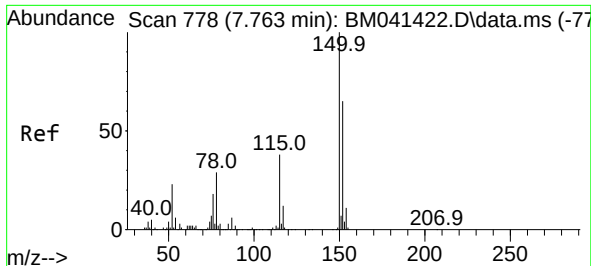
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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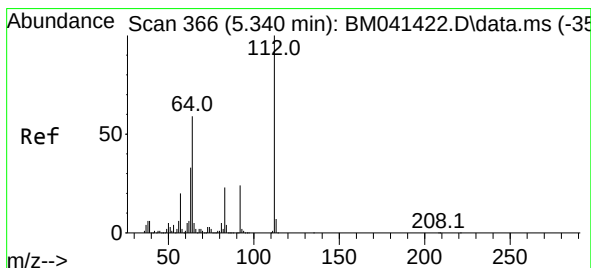
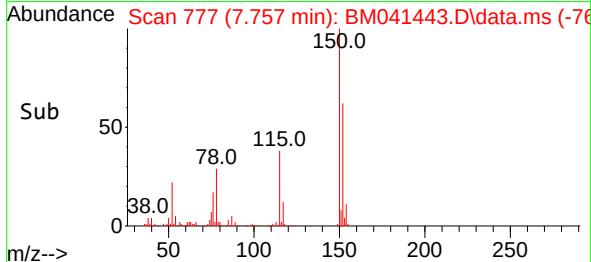
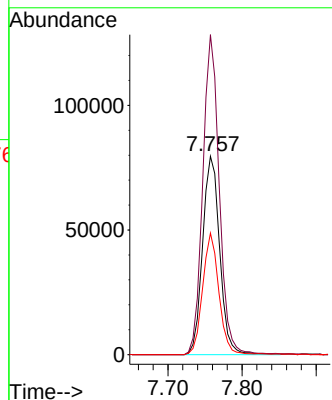
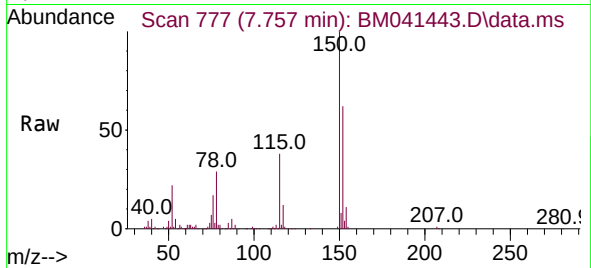




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.757 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM041443.D
 Acq: 21 Aug 2023 11:58

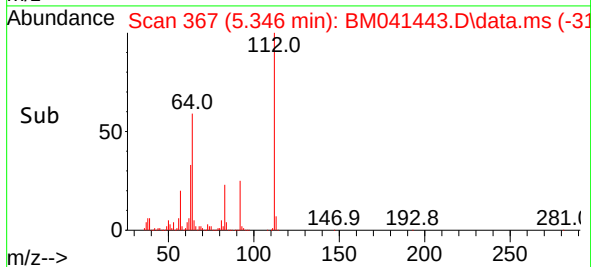
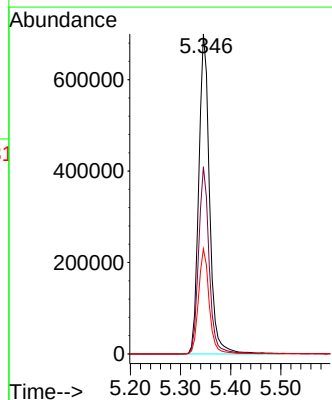
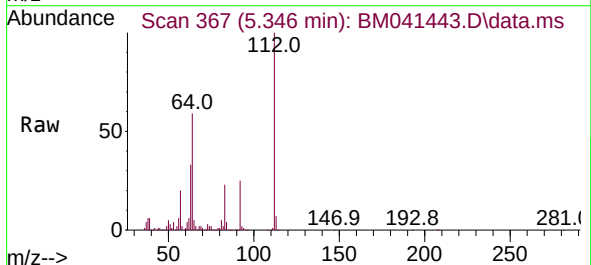
Instrument :
 BNA_M
 ClientSampleId :
 PB154930TB

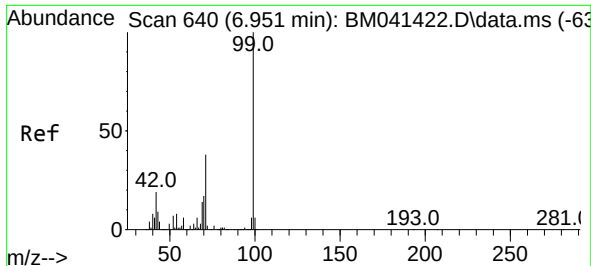
Tgt Ion:152 Resp: 127566
 Ion Ratio Lower Upper
 152 100
 150 161.4 123.8 185.6
 115 61.3 46.6 70.0



#5
 2-Fluorophenol
 Concen: 136.087 ng
 RT: 5.346 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: BM041443.D
 Acq: 21 Aug 2023 11:58

Tgt Ion:112 Resp: 1043541
 Ion Ratio Lower Upper
 112 100
 64 58.5 47.3 70.9
 63 32.9 26.5 39.7

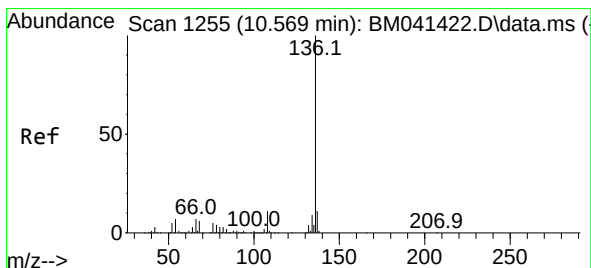
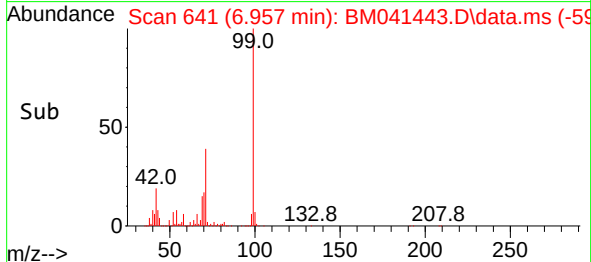
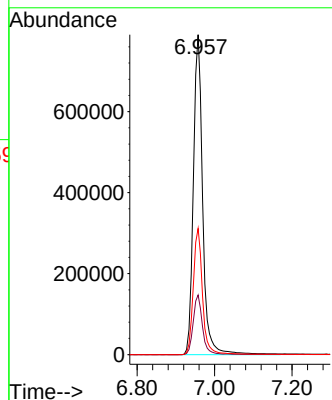
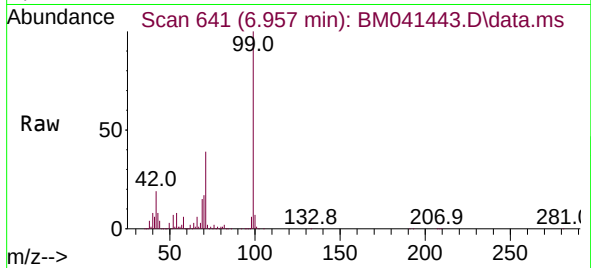




#7
Phenol-d6
Concen: 126.668 ng
RT: 6.957 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM041443.D
Acq: 21 Aug 2023 11:58

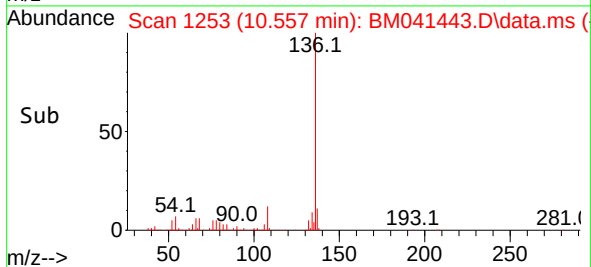
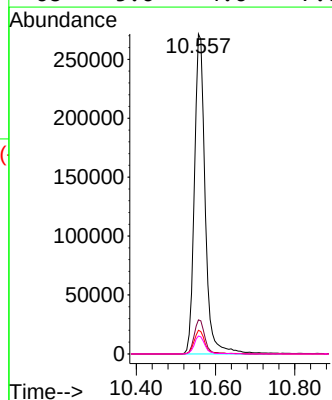
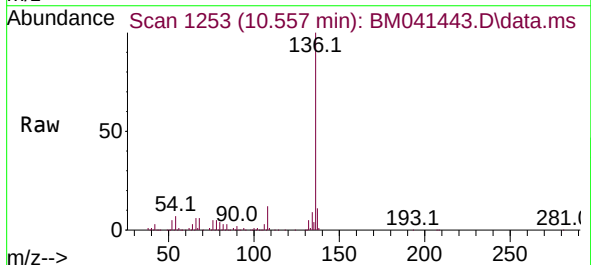
Instrument :
BNA_M
ClientSampleId :
PB154930TB

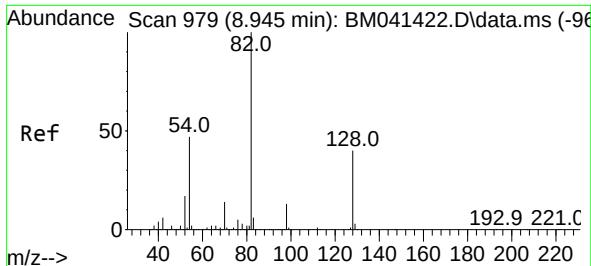
Tgt Ion: 99 Resp: 1318931
Ion Ratio Lower Upper
99 100
42 18.6 15.2 22.8
71 39.4 30.7 46.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM041443.D
Acq: 21 Aug 2023 11:58

Tgt Ion: 136 Resp: 510459
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.4 5.7 8.5
68 5.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 77.023 ng

RT: 8.934 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM041443.D

Acq: 21 Aug 2023 11:58

Instrument :

BNA_M

ClientSampleId :

PB154930TB

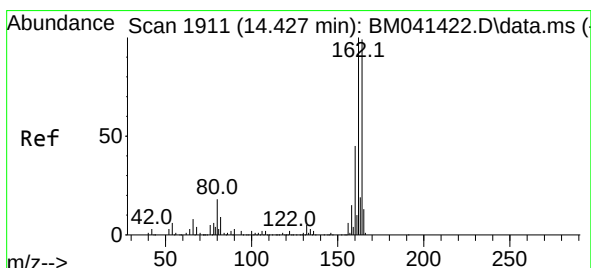
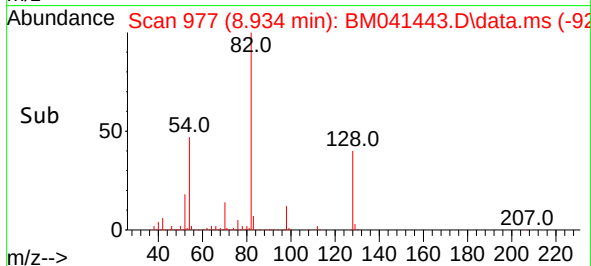
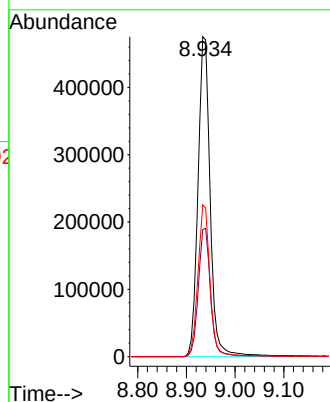
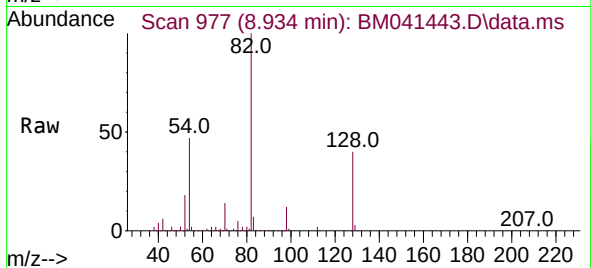
Tgt Ion: 82 Resp: 823638

Ion Ratio Lower Upper

82 100

128 39.7 32.2 48.4

54 47.4 37.5 56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.421 min Scan# 1910

Delta R.T. 0.006 min

Lab File: BM041443.D

Acq: 21 Aug 2023 11:58

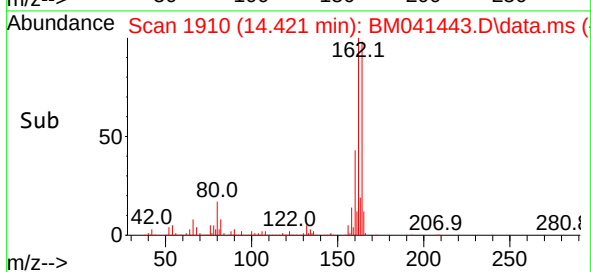
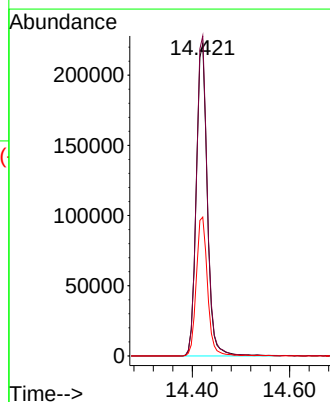
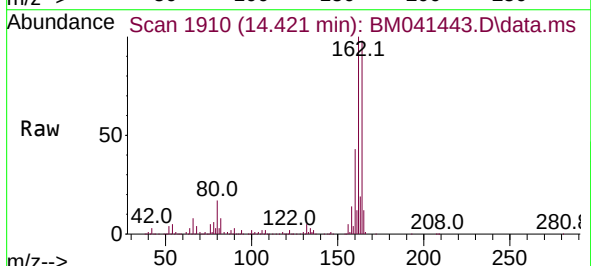
Tgt Ion:164 Resp: 347727

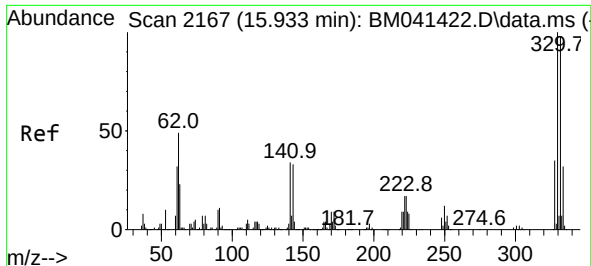
Ion Ratio Lower Upper

164 100

162 102.5 80.4 120.6

160 44.4 35.9 53.9

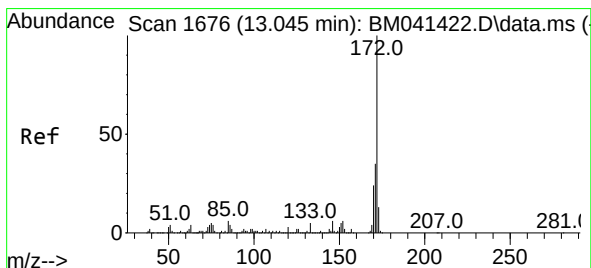
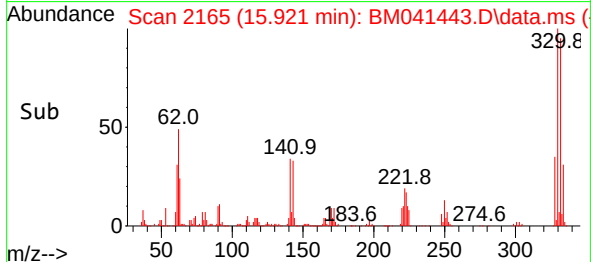
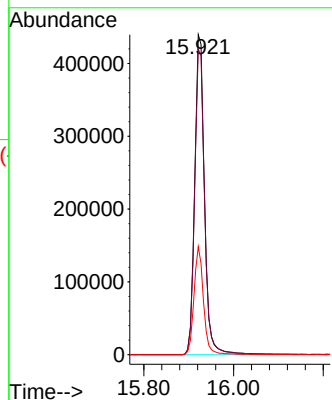
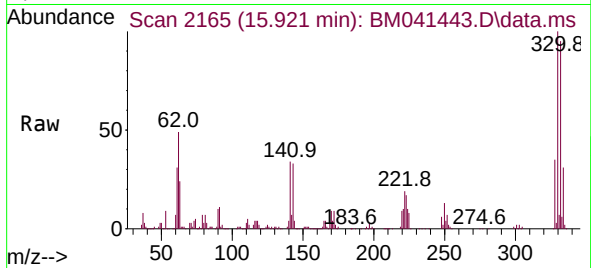




#42
2,4,6-Tribromophenol
Concen: 120.745 ng
RT: 15.921 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BM041443.D
Acq: 21 Aug 2023 11:58

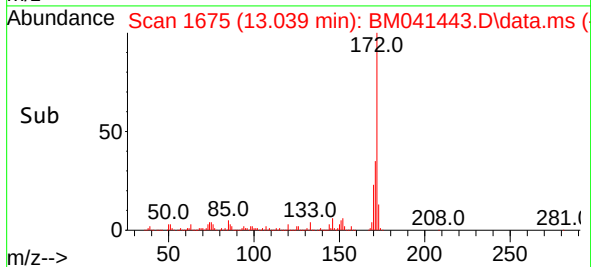
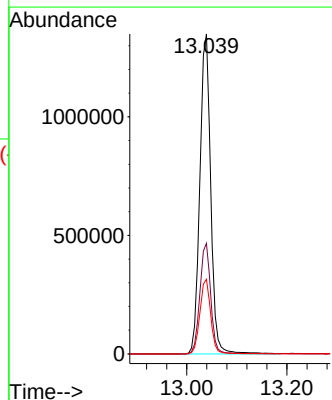
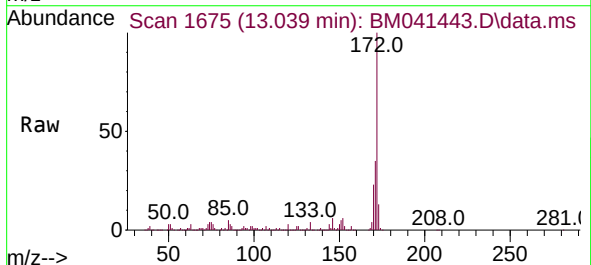
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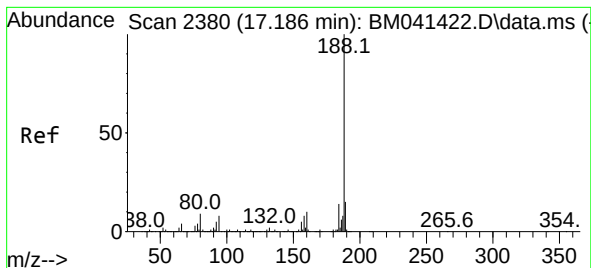
Tgt Ion:330 Resp: 666299
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 32.8 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 78.161 ng
RT: 13.039 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BM041443.D
Acq: 21 Aug 2023 11:58

Tgt Ion:172 Resp: 2028225
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 2380

Delta R.T. 0.006 min

Lab File: BM041443.D

Acq: 21 Aug 2023 11:58

Instrument :

BNA_M

ClientSampleId :

PB154930TB

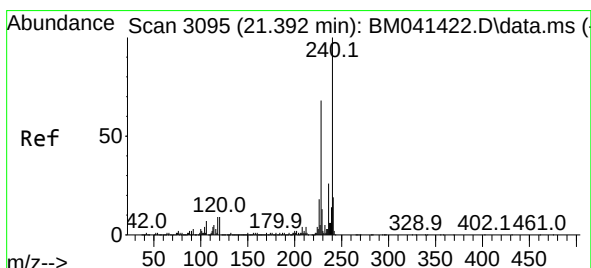
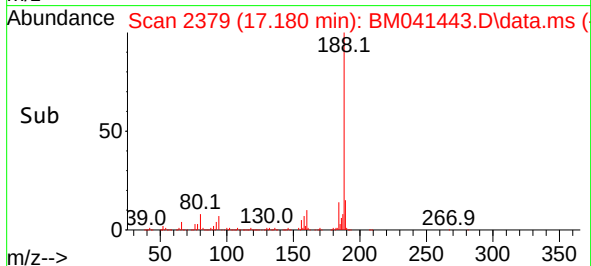
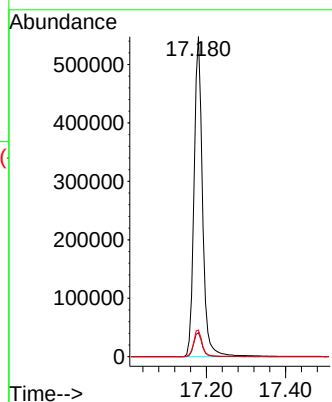
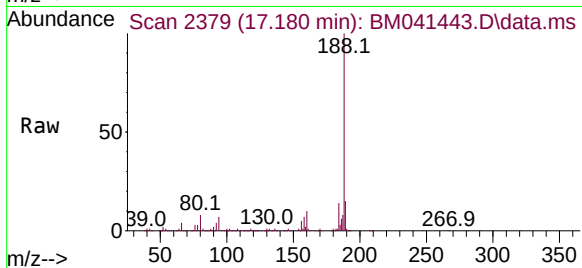
Tgt Ion:188 Resp: 816278

Ion Ratio Lower Upper

188 100

94 7.5 6.6 9.8

80 8.3 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM041443.D

Acq: 21 Aug 2023 11:58

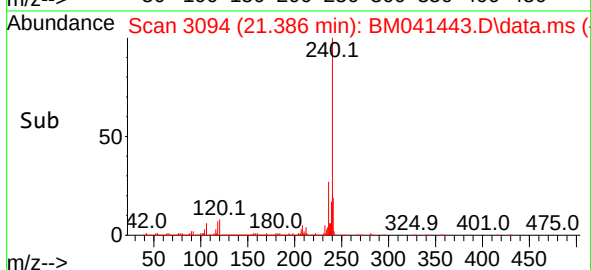
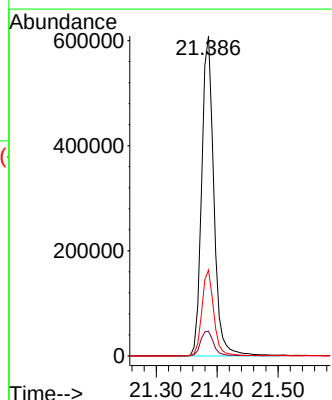
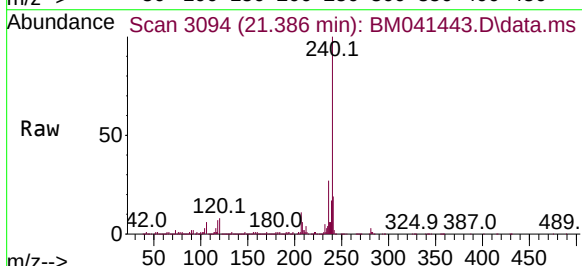
Tgt Ion:240 Resp: 845624

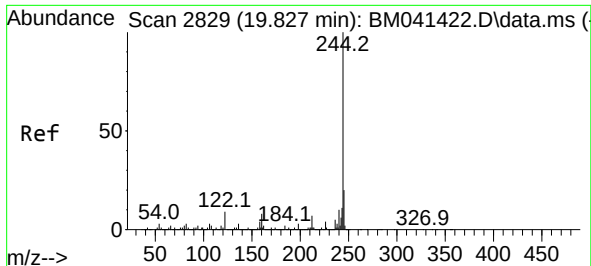
Ion Ratio Lower Upper

240 100

120 7.7 7.4 11.2

236 26.9 20.8 31.2

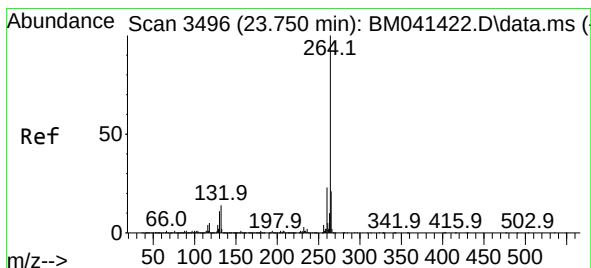
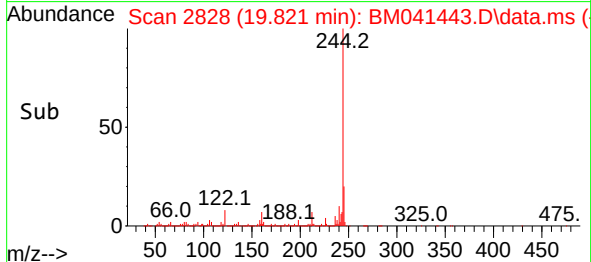
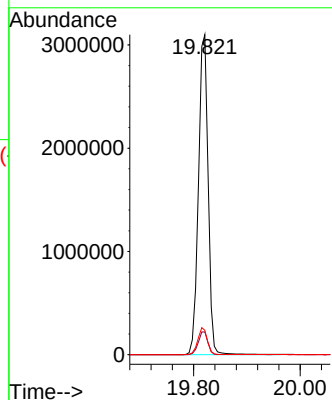
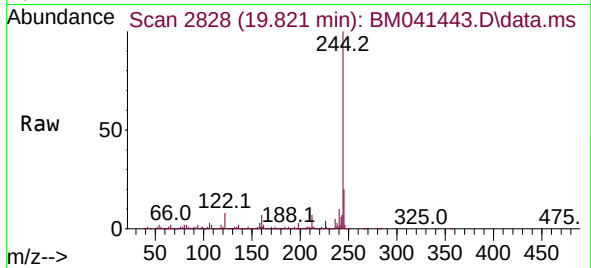




#79
 Terphenyl-d14
 Concen: 80.060 ng
 RT: 19.821 min Scan# 2829
 Delta R.T. 0.006 min
 Lab File: BM041443.D
 Acq: 21 Aug 2023 11:58

Instrument :
 BNA_M
 ClientSampleId :
 PB154930TB

Tgt Ion:244 Resp: 3890455
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 7.6 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3492
 Delta R.T. 0.000 min
 Lab File: BM041443.D
 Acq: 21 Aug 2023 11:58

Tgt Ion:264 Resp: 1022856
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 22.2 17.5 26.3

