

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041265.D
 Acq On : 03 Aug 2023 17:09
 Operator : MA/JU
 Sample : 03686-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 2

Instrument :
 BNA_M
 ClientSampleId :
 SB-28-0-2-20230721

Quant Time: Aug 04 01:20:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

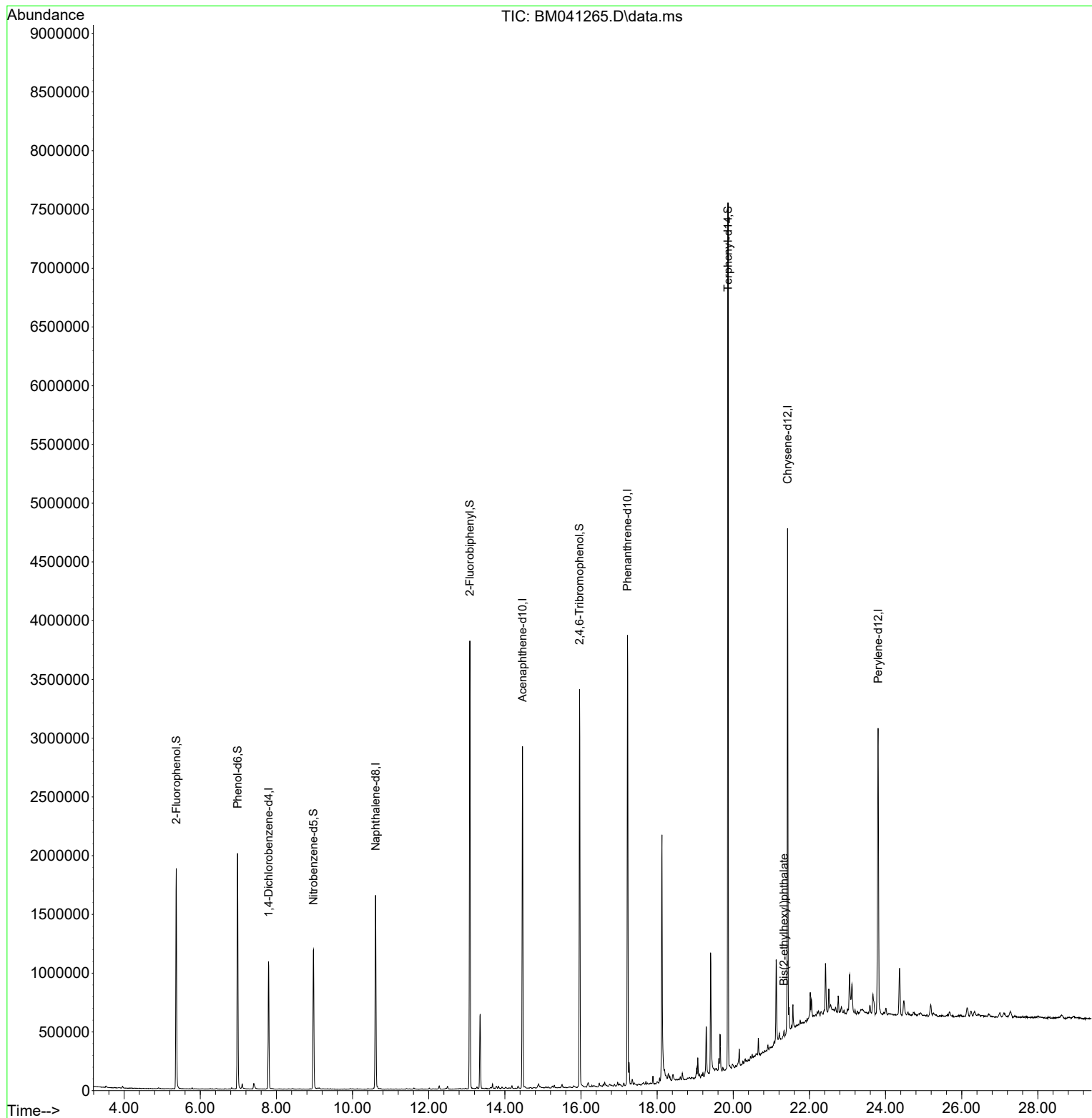
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	282598	40.000	ng	0.00
21) Naphthalene-d8	10.604	136	1286227	40.000	ng	0.00
39) Acenaphthene-d10	14.463	164	933748	40.000	ng	0.00
64) Phenanthrene-d10	17.221	188	2202944	40.000	ng	0.00
76) Chrysene-d12	21.427	240	1865709	40.000	ng	0.00
86) Perylene-d12	23.803	264	1809480	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	777226	82.211	ng	0.00
7) Phenol-d6	6.981	99	1097755	89.578	ng	0.00
23) Nitrobenzene-d5	8.975	82	698901	50.539	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	620115	93.904	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1836664	49.696	ng	0.00
79) Terphenyl-d14	19.862	244	3460172	67.065	ng	0.00
Target Compounds						
75) Fluoranthene	19.292	202	208613	3.034	ng	99
78) Pyrene	19.651	202	186081	2.852	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	17794	5.524	ng	# 95
88) Benzo(b)fluoranthene	23.080	252	118351	2.202	ng	# 94

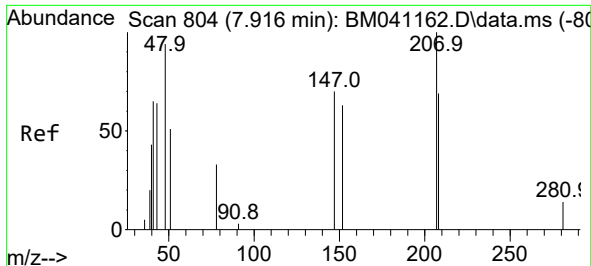
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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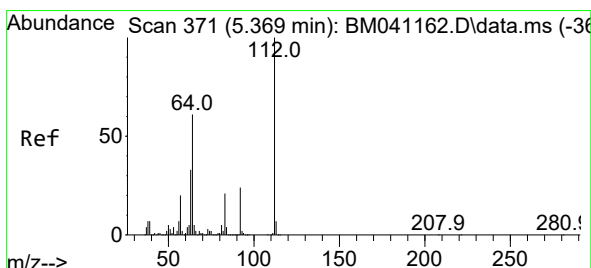
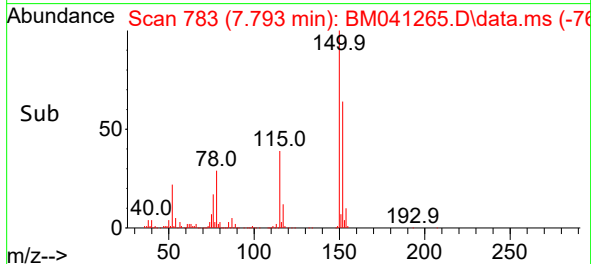
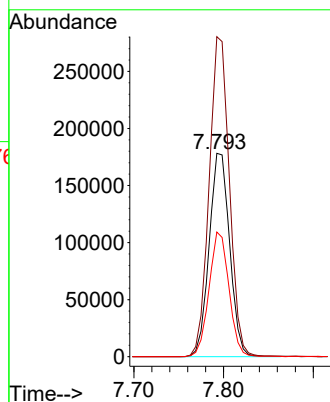
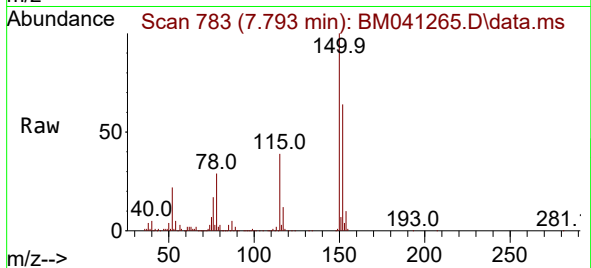




#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 7.793 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041265.D
Acq: 03 Aug 2023 17:09

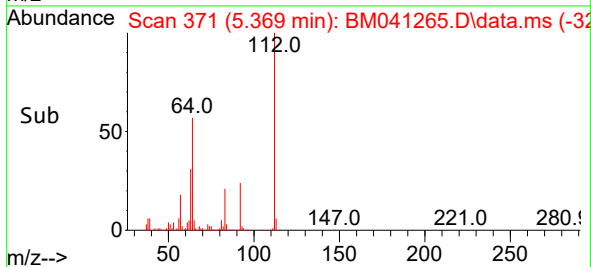
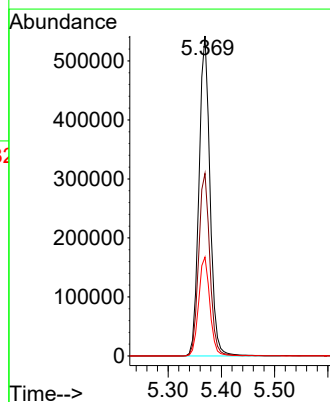
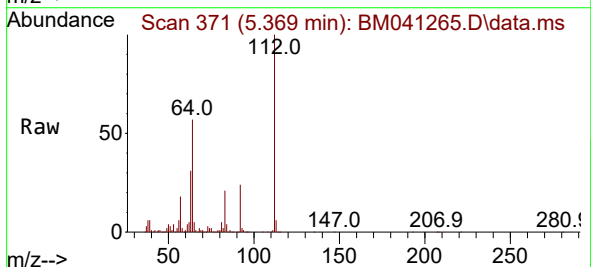
Instrument :
BNA_M
ClientSampleId :
SB-28-0-2-20230721

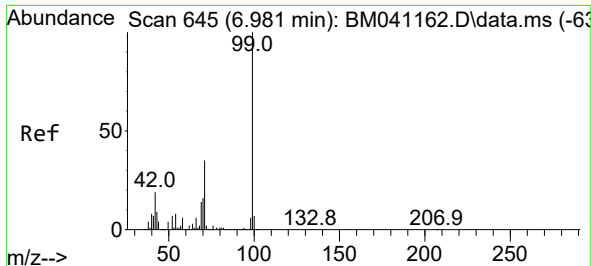
Tgt Ion:152 Resp: 282598
Ion Ratio Lower Upper
152 100
150 157.4 125.5 188.3
115 61.3 48.0 72.0



#5
2-Fluorophenol
Concen: 82.211 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041265.D
Acq: 03 Aug 2023 17:09

Tgt Ion:112 Resp: 777226
Ion Ratio Lower Upper
112 100
64 57.0 48.5 72.7
63 30.9 26.5 39.7

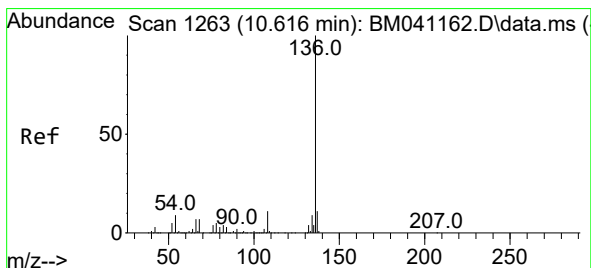
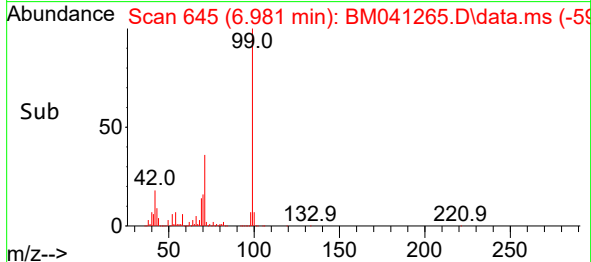
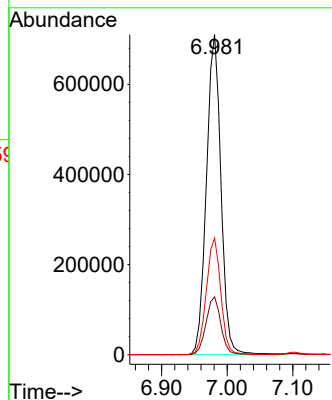
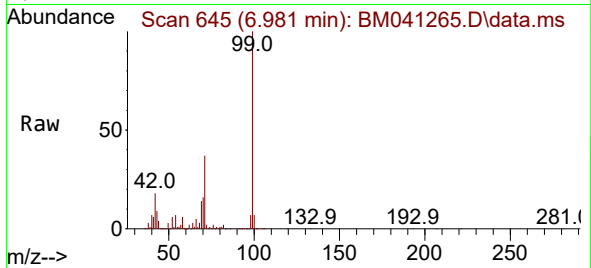




#7
Phenol-d6
Concen: 89.578 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041265.D
Acq: 03 Aug 2023 17:09

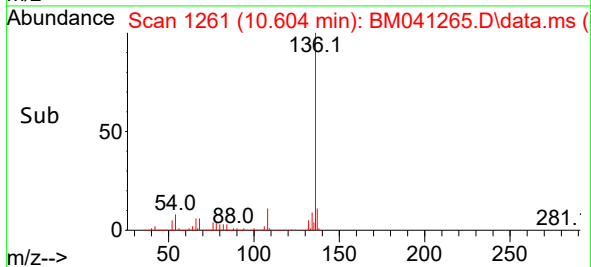
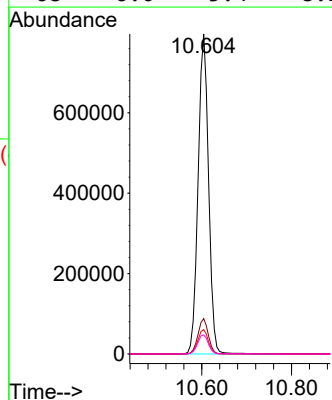
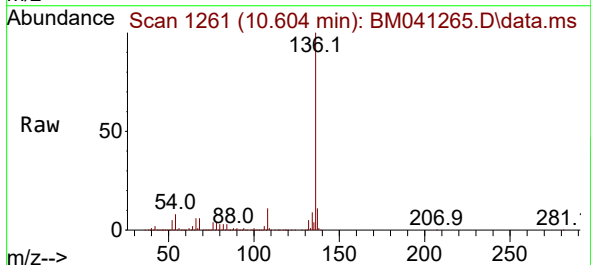
Instrument :
BNA_M
ClientSampleId :
SB-28-0-2-20230721

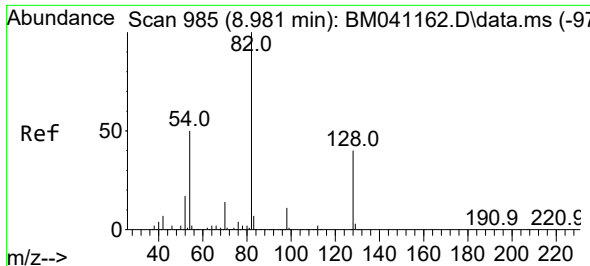
Tgt Ion: 99 Resp: 1097755
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.5 28.2 42.4



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041265.D
Acq: 03 Aug 2023 17:09

Tgt Ion: 136 Resp: 1286227
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.6 6.9 10.3
68 6.0 5.4 8.2

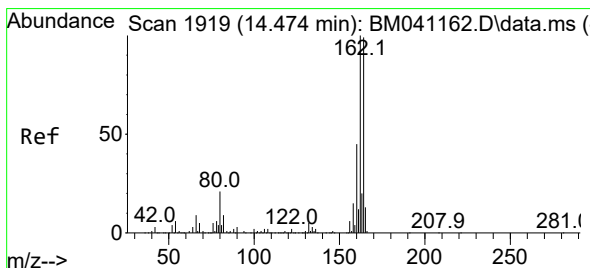
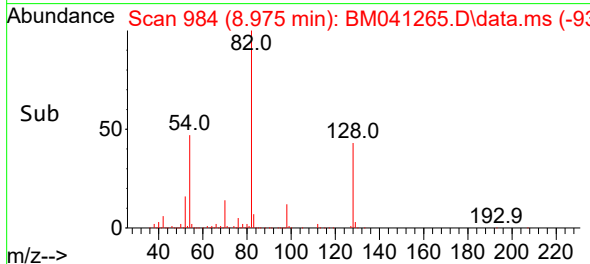
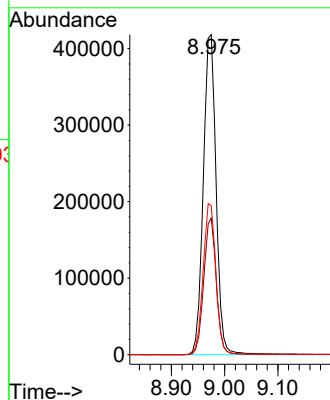
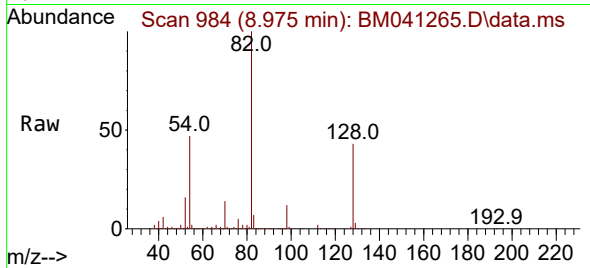




#23
Nitrobenzene-d5
Concen: 50.539 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041265.D
Acq: 03 Aug 2023 17:09

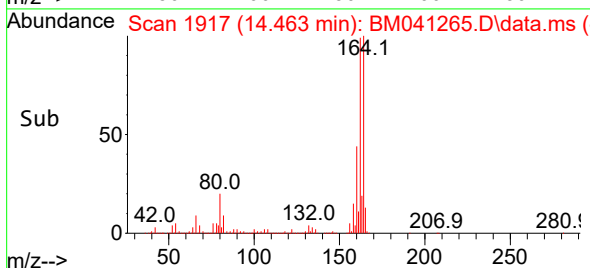
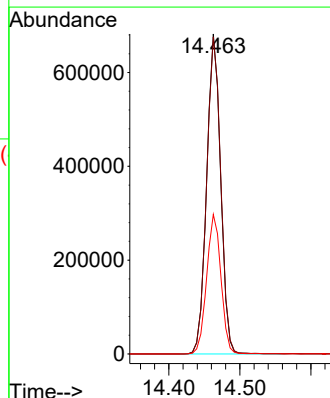
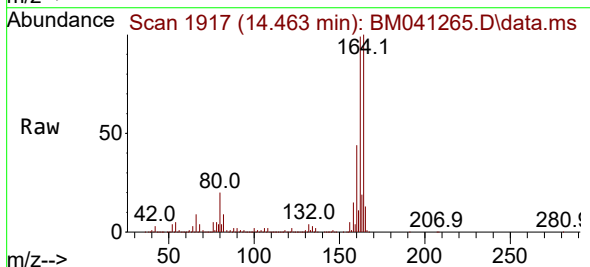
Instrument :
BNA_M
ClientSampleId :
SB-28-0-2-20230721

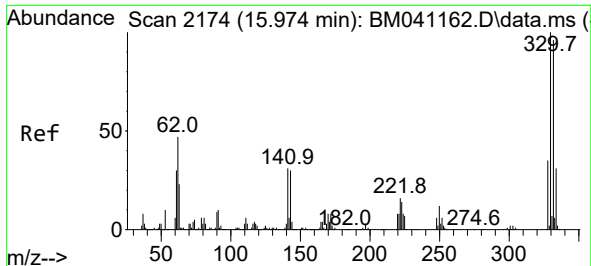
Tgt Ion: 82 Resp: 698901
Ion Ratio Lower Upper
82 100
128 42.7 31.8 47.6
54 46.5 40.1 60.1



#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041265.D
Acq: 03 Aug 2023 17:09

Tgt Ion: 164 Resp: 933748
Ion Ratio Lower Upper
164 100
162 99.1 80.4 120.6
160 43.6 36.2 54.2

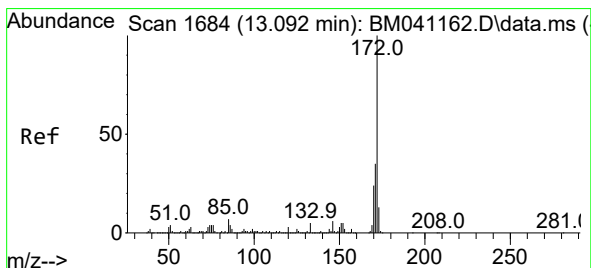
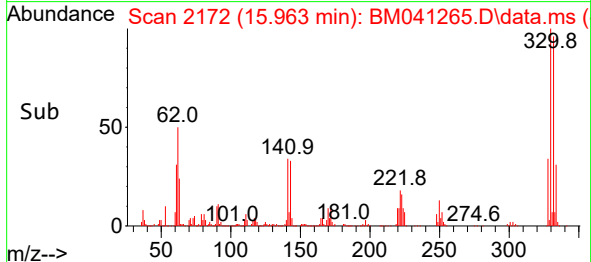
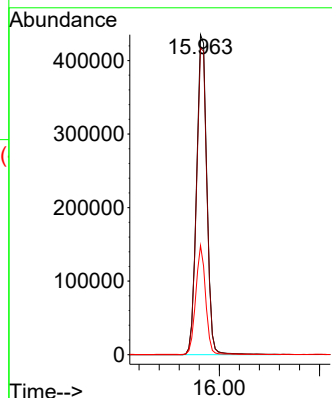
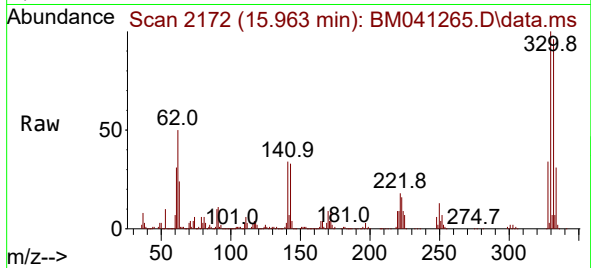




#42
2,4,6-Tribromophenol
Concen: 93.904 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM041265.D
Acq: 03 Aug 2023 17:09

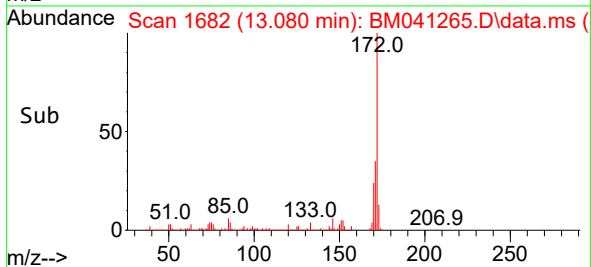
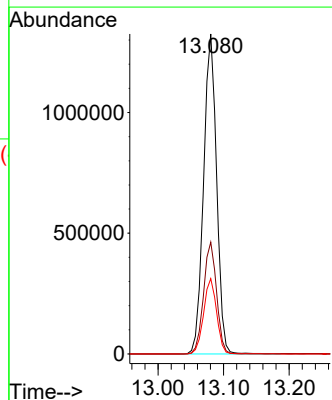
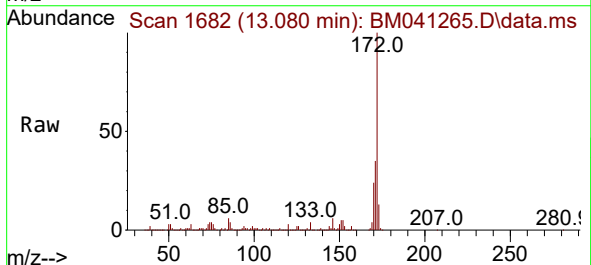
Instrument :
BNA_M
ClientSampleId :
SB-28-0-2-20230721

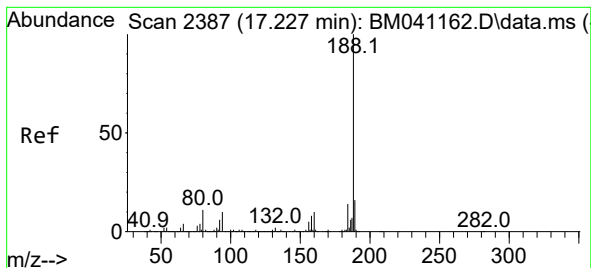
Tgt Ion:330 Resp: 620115
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 32.4 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 49.696 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM041265.D
Acq: 03 Aug 2023 17:09

Tgt Ion:172 Resp: 1836664
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 40.000 ng

RT: 17.221 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

Instrument :

BNA_M

ClientSampleId :

SB-28-0-2-20230721

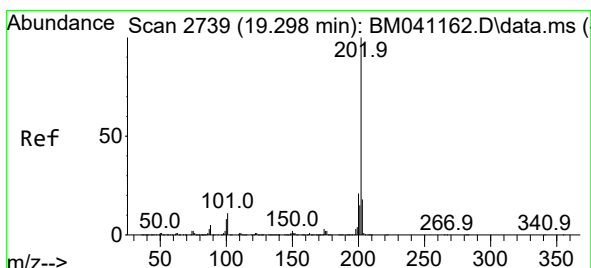
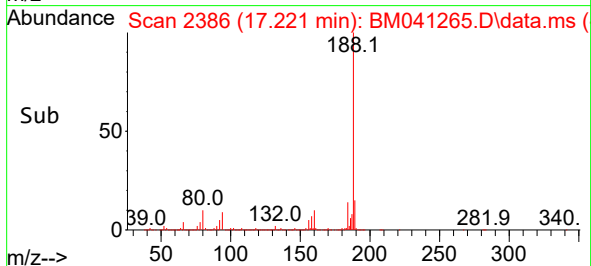
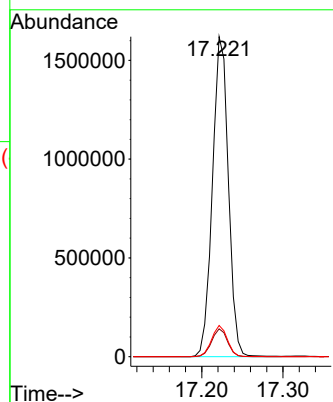
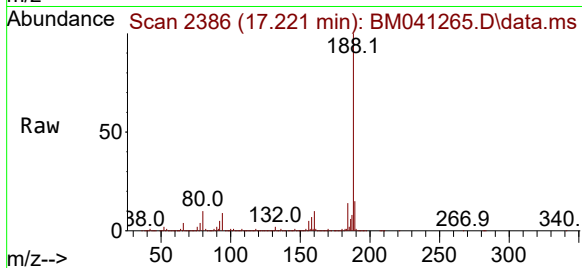
Tgt Ion:188 Resp: 2202944

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

80 9.8 8.6 13.0



#75

Fluoranthene

Concen: 3.034 ng

RT: 19.292 min Scan# 2738

Delta R.T. -0.000 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

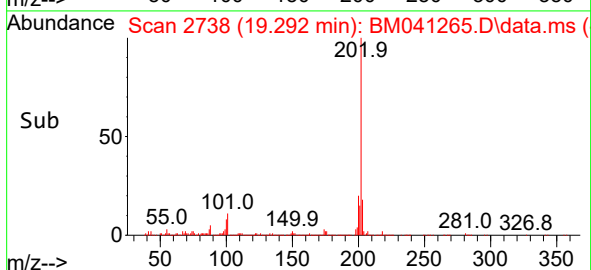
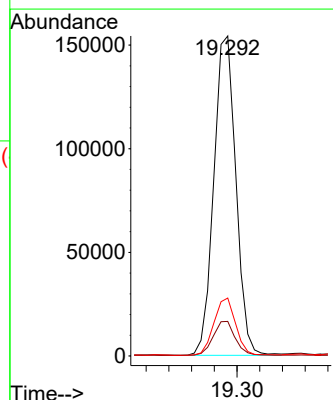
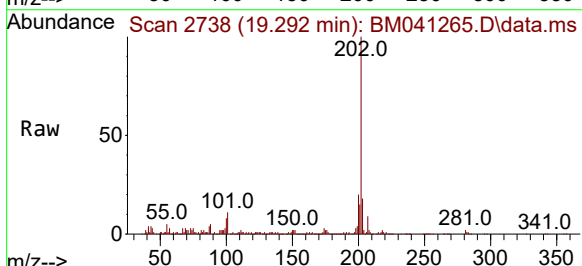
Tgt Ion:202 Resp: 208613

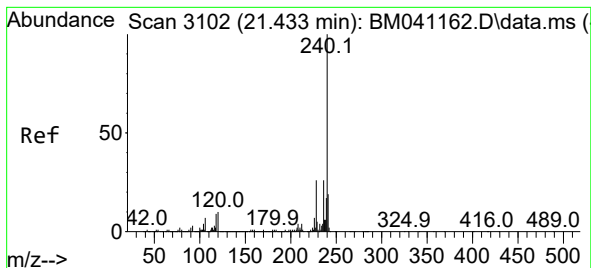
Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

203 18.1 0.0 37.6





#76

Chrysene-d12

Concen: 40.000 ng

RT: 21.427 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

Instrument :

BNA_M

ClientSampleId :

SB-28-0-2-20230721

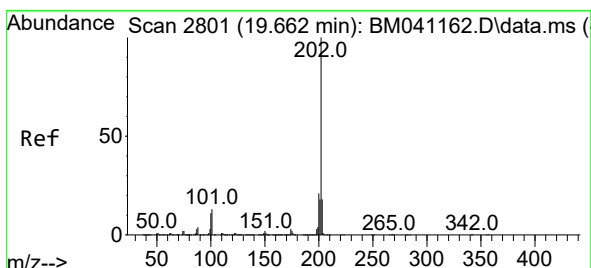
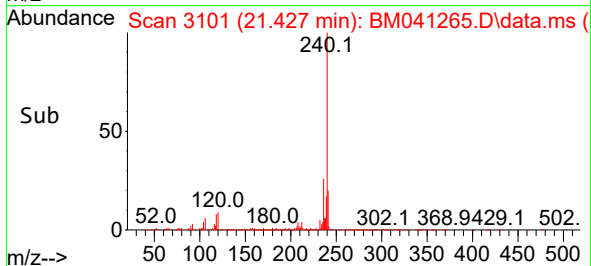
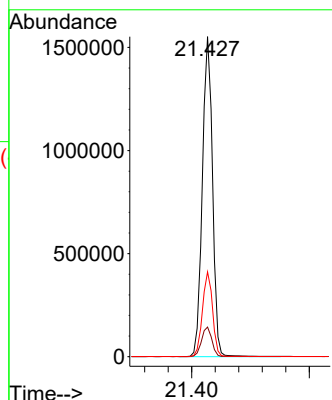
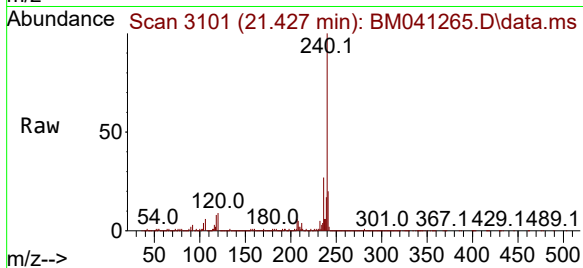
Tgt Ion:240 Resp: 1865709

Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 26.5 20.6 30.8



#78

Pyrene

Concen: 2.852 ng

RT: 19.651 min Scan# 2799

Delta R.T. -0.006 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

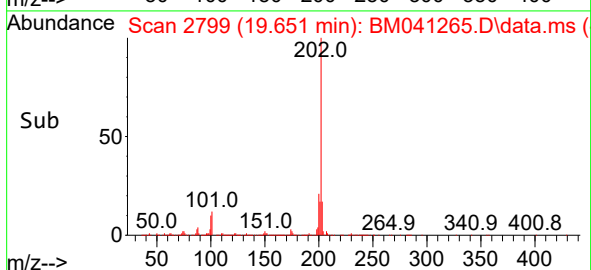
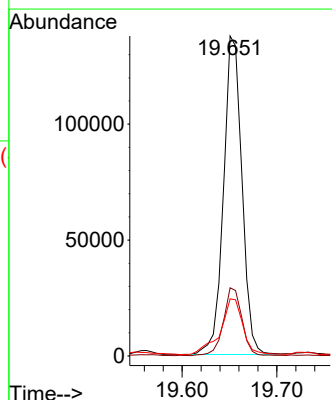
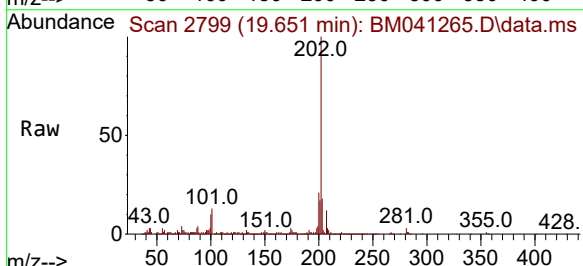
Tgt Ion:202 Resp: 186081

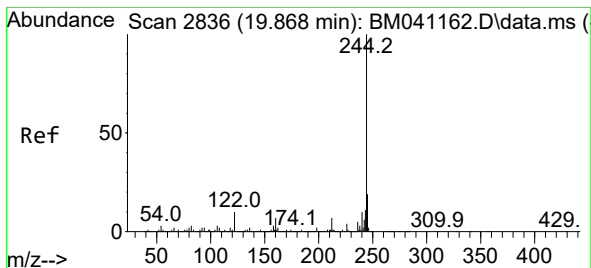
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 67.065 ng

RT: 19.862 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

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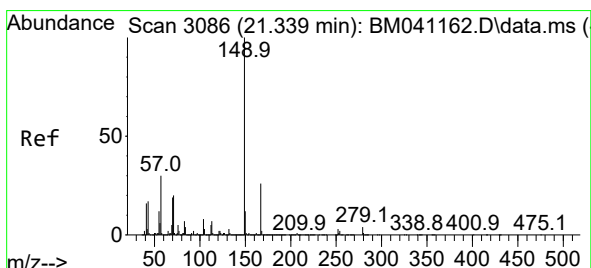
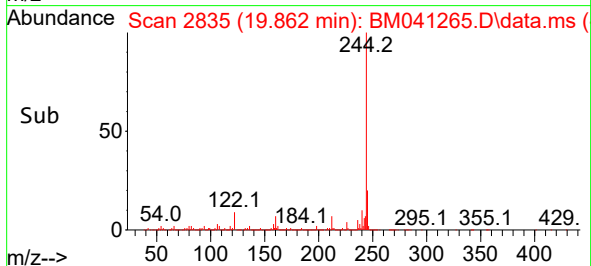
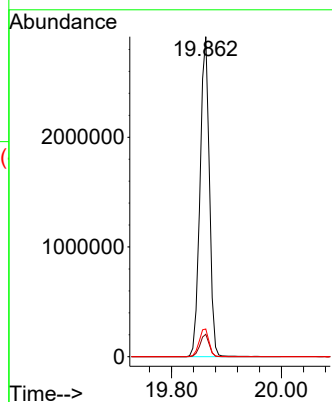
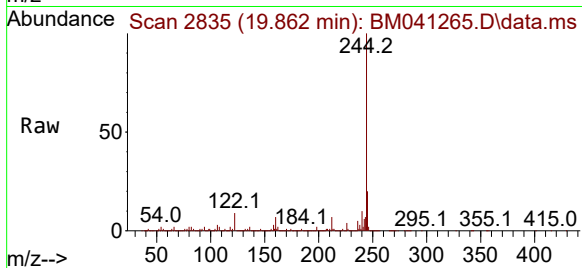
Tgt Ion:244 Resp: 3460172

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 8.6 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.524 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

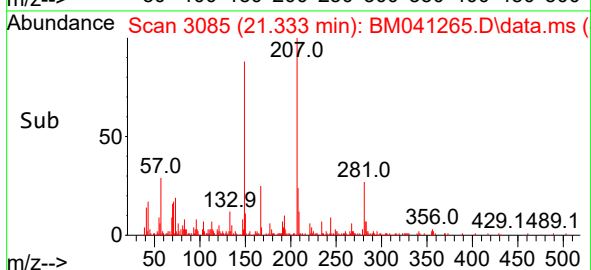
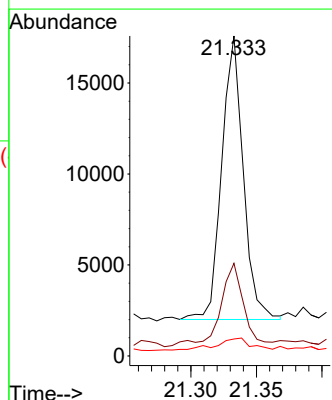
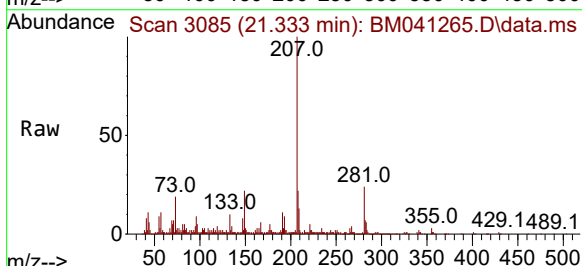
Tgt Ion:149 Resp: 17794

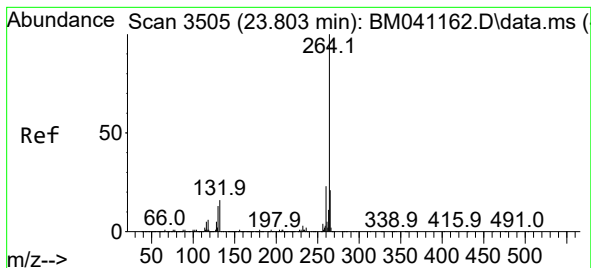
Ion Ratio Lower Upper

149 100

167 28.9 21.0 31.6

279 5.3 3.1 4.7#





#86

Perylene-d12

Concen: 40.000 ng

RT: 23.803 min Scan# 3505

Delta R.T. -0.000 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

Instrument :

BNA_M

ClientSampleId :

SB-28-0-2-20230721

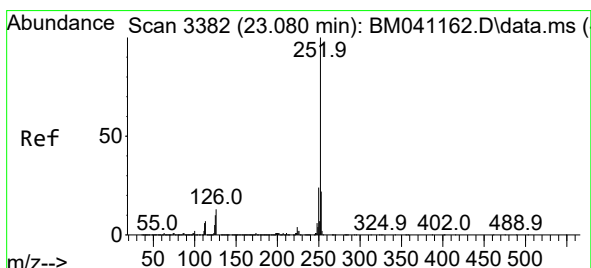
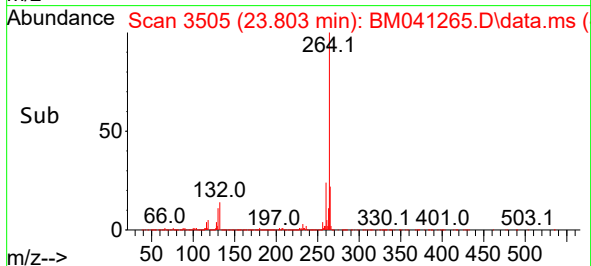
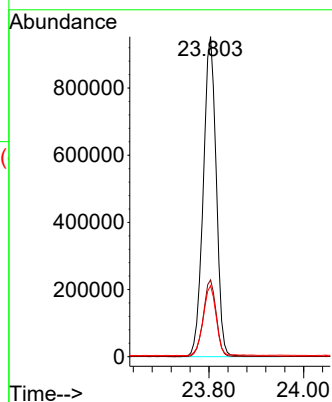
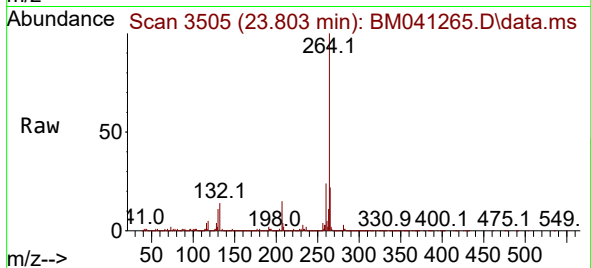
Tgt Ion:264 Resp: 1809480

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 22.2 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 2.202 ng

RT: 23.080 min Scan# 3382

Delta R.T. -0.006 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

Tgt Ion:252 Resp: 118351

Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

125 12.7 8.2 12.4#

