

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080923\
 Data File : BM041346.D
 Acq On : 09 Aug 2023 19:09
 Operator : MA/JU
 Sample : 03919-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-38

Quant Time: Aug 10 03:27:06 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 09 12:20:12 2023
 Response via : Initial Calibration

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

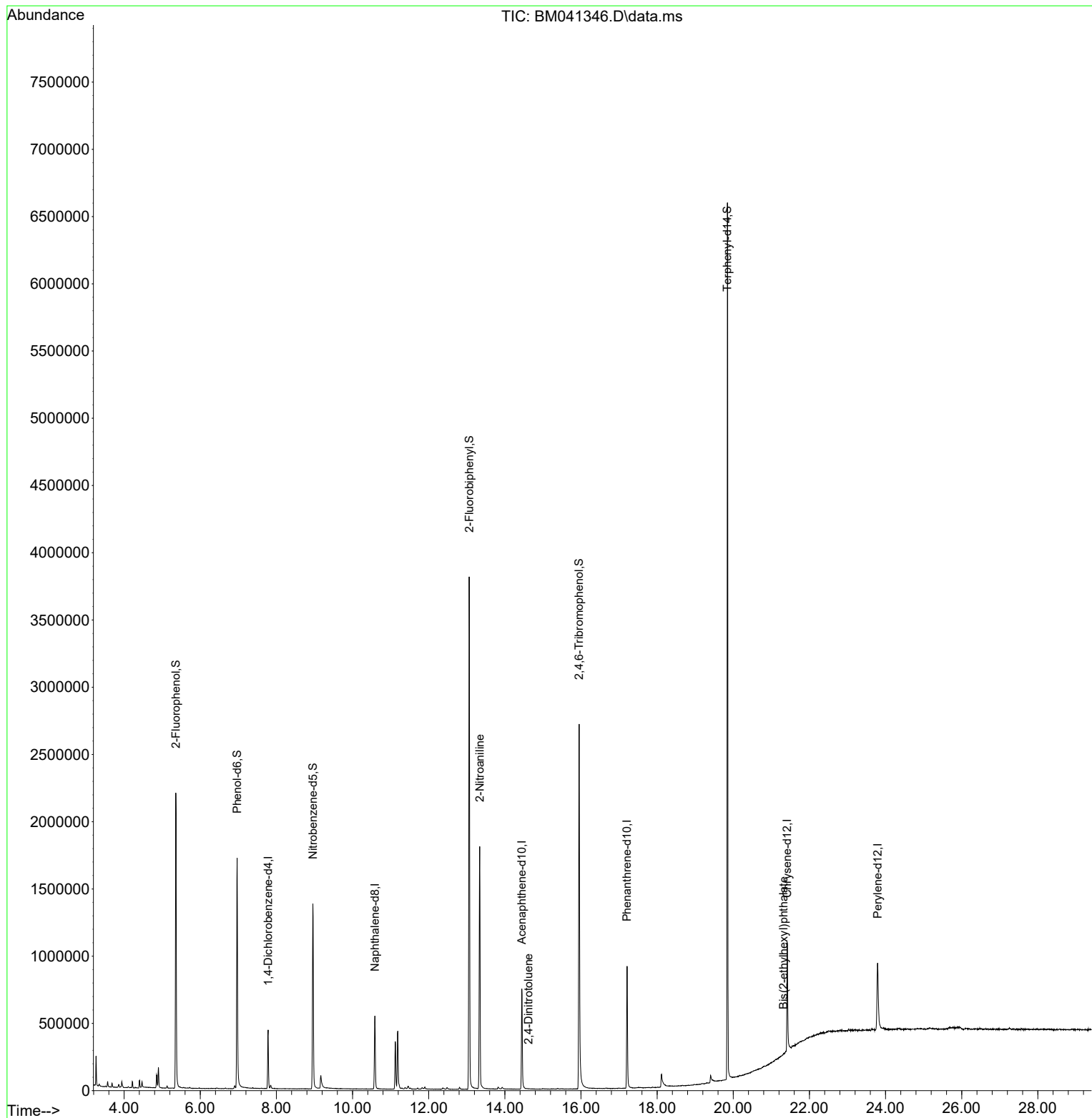
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	112049	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	438268	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	271716	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	585671	20.000	ng	0.00
76) Chrysene-d12	21.415	240	461318	20.000	ng	0.00
86) Perylene-d12	23.791	264	499418	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	910201	121.409	ng	0.00
7) Phenol-d6	6.969	99	992650	102.147	ng	0.00
23) Nitrobenzene-d5	8.957	82	812377	86.201	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	563999	146.749	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1887425	87.749	ng	0.00
79) Terphenyl-d14	19.845	244	2979934	116.793	ng	0.00
Target Compounds						
48) 2-Nitroaniline	13.339	65	36768	7.003	ng	# 15
57) 2,4-Dinitrotoluene	14.621	165	53	2.679	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.321	149	2352	2.658	ng	# 91

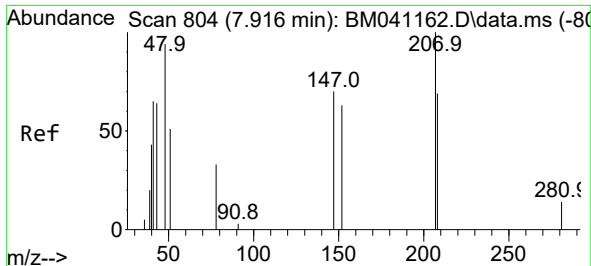
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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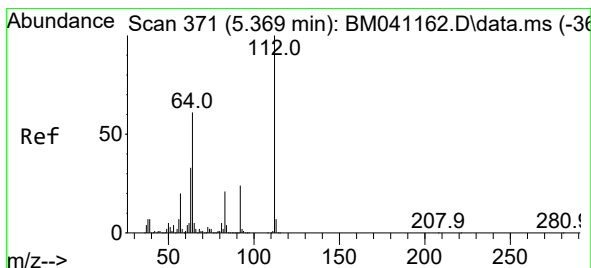
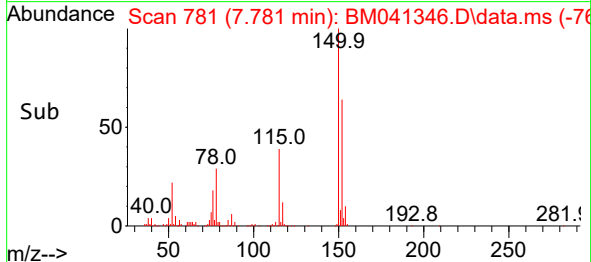
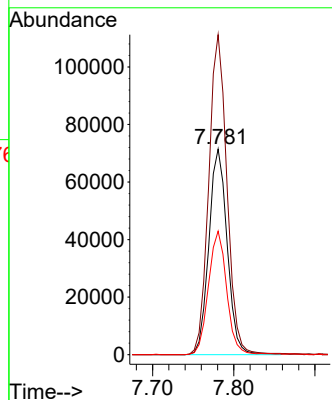
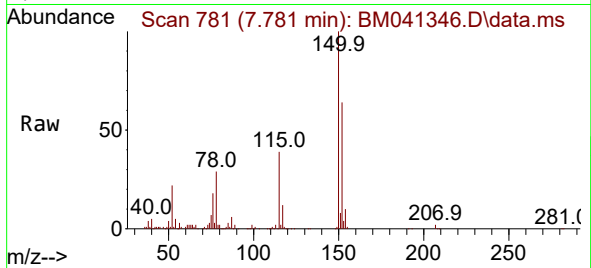




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM041346.D
Acq: 09 Aug 2023 19:09

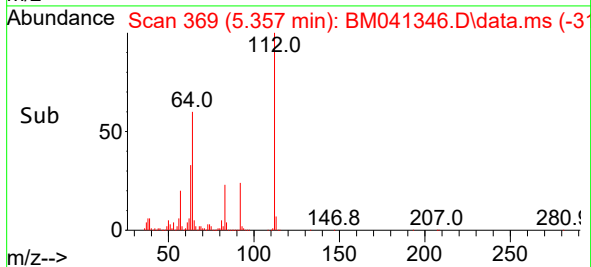
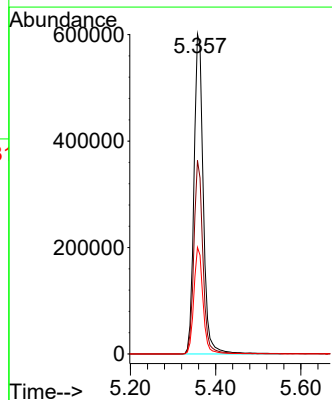
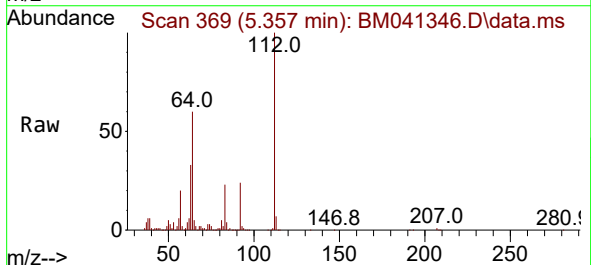
Instrument :
BNA_M
ClientSampleId :
TP-38

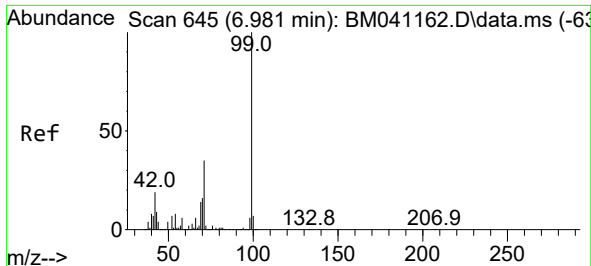
Tgt Ion:152 Resp: 112049
Ion Ratio Lower Upper
152 100
150 155.7 125.5 188.3
115 60.1 48.0 72.0



#5
2-Fluorophenol
Concen: 121.409 ng
RT: 5.357 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM041346.D
Acq: 09 Aug 2023 19:09

Tgt Ion:112 Resp: 910201
Ion Ratio Lower Upper
112 100
64 60.5 48.5 72.7
63 33.3 26.5 39.7

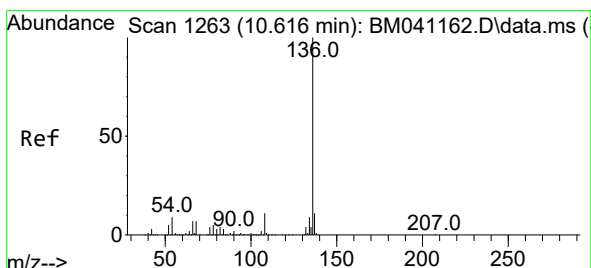
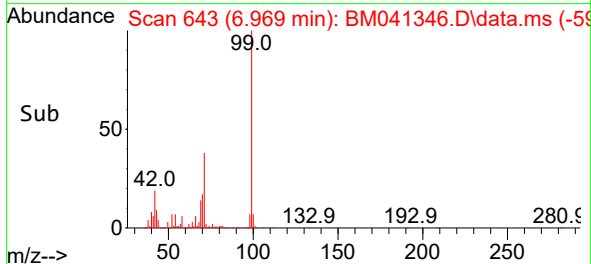
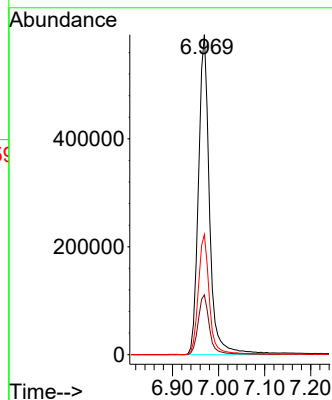
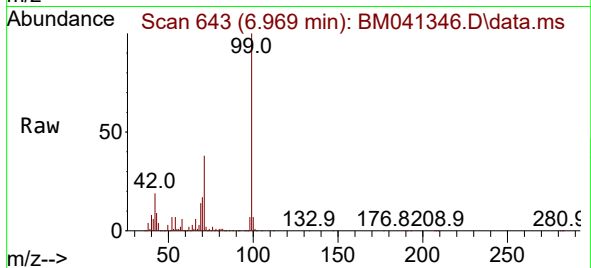




#7
Phenol-d6
Concen: 102.147 ng
RT: 6.969 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041346.D
Acq: 09 Aug 2023 19:09

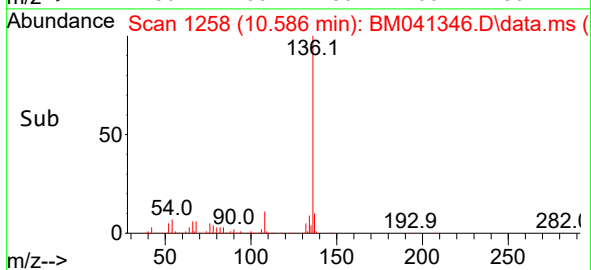
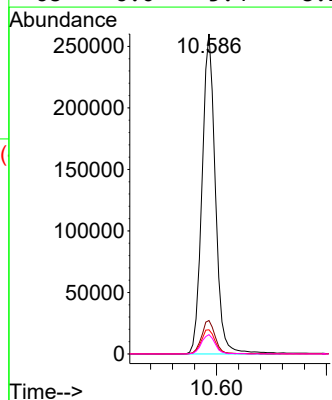
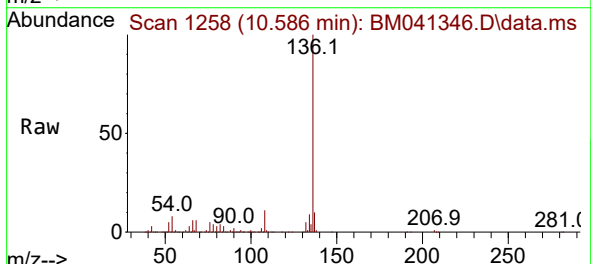
Instrument :
BNA_M
ClientSampleId :
TP-38

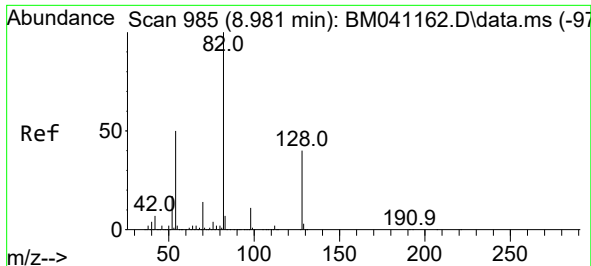
Tgt Ion: 99 Resp: 992650
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 37.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BM041346.D
Acq: 09 Aug 2023 19:09

Tgt Ion:136 Resp: 438268
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.5 6.9 10.3
68 6.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 86.201 ng

RT: 8.957 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041346.D

Acq: 09 Aug 2023 19:09

Instrument :

BNA_M

ClientSampleId :

TP-38

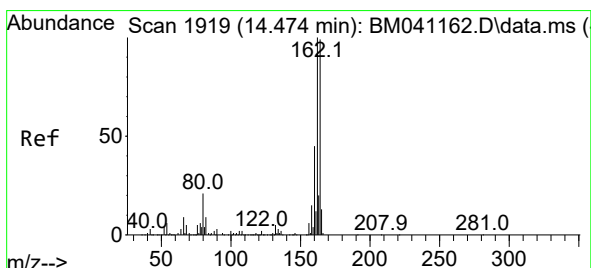
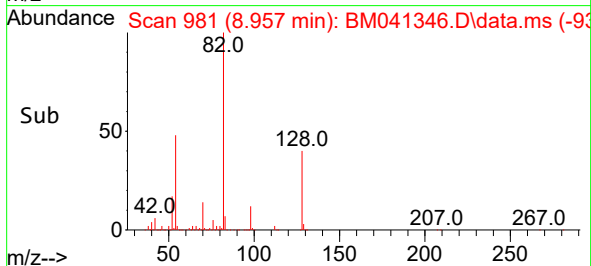
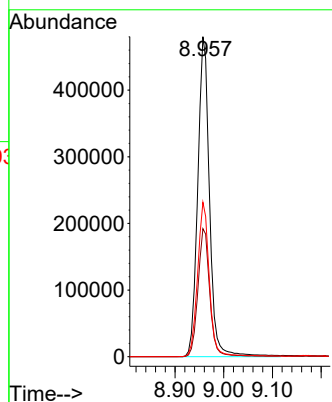
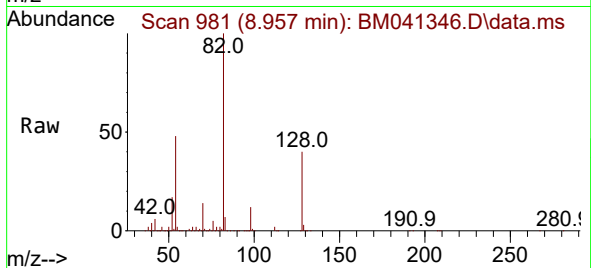
Tgt Ion: 82 Resp: 812377

Ion Ratio Lower Upper

82 100

128 40.0 31.8 47.6

54 48.3 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BM041346.D

Acq: 09 Aug 2023 19:09

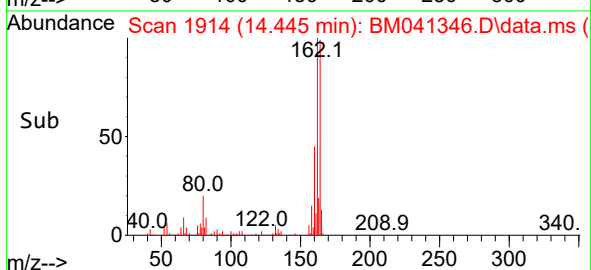
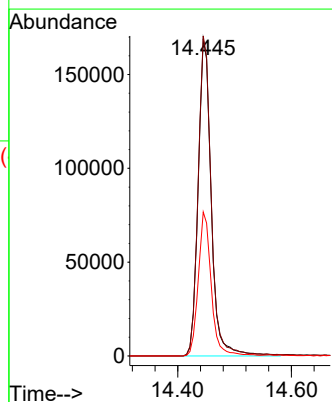
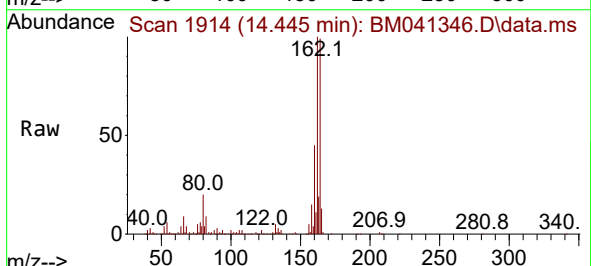
Tgt Ion: 164 Resp: 271716

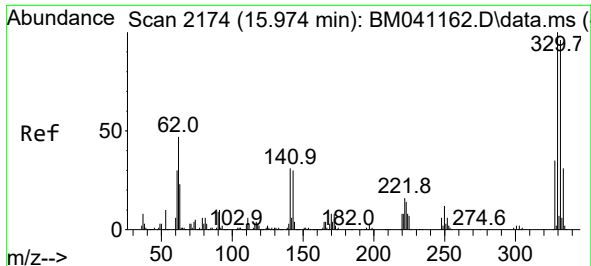
Ion Ratio Lower Upper

164 100

162 100.9 80.4 120.6

160 45.4 36.2 54.2

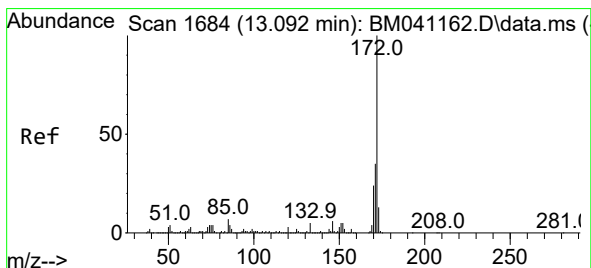
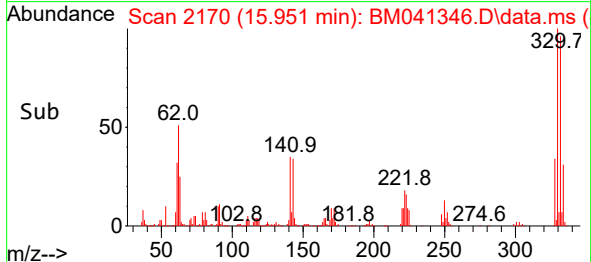
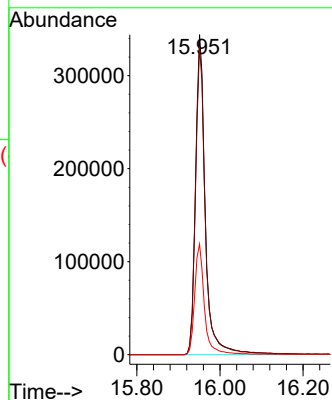
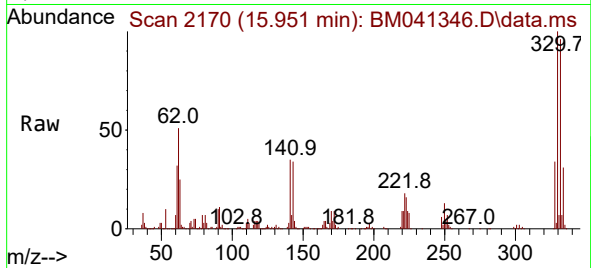




#42
2,4,6-Tribromophenol
Concen: 146.749 ng
RT: 15.951 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM041346.D
Acq: 09 Aug 2023 19:09

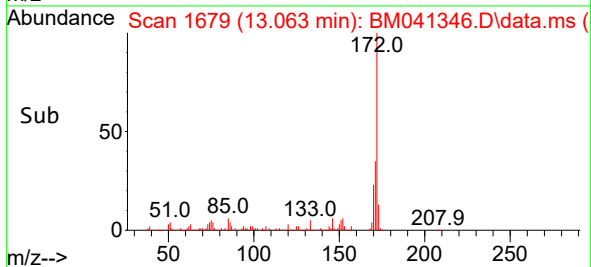
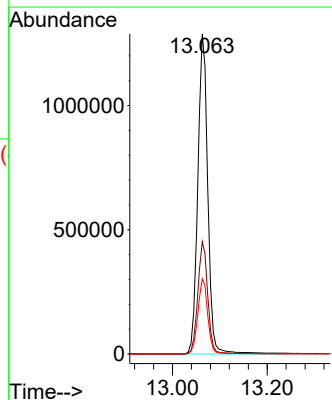
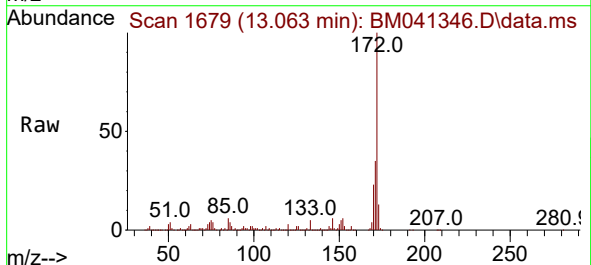
Instrument :
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ClientSampleId :
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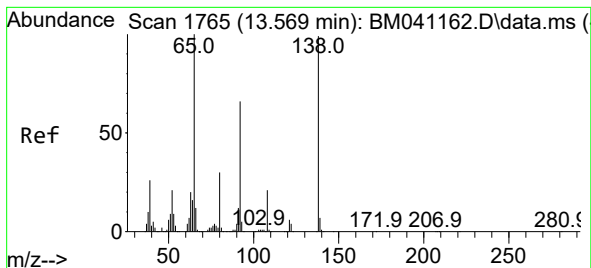
Tgt Ion:330 Resp: 563999
Ion Ratio Lower Upper
330 100
332 97.4 77.7 116.5
141 34.7 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 87.749 ng
RT: 13.063 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BM041346.D
Acq: 09 Aug 2023 19:09

Tgt Ion:172 Resp: 1887425
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.5 18.9 28.3





#48

2-Nitroaniline

Concen: 7.003 ng

RT: 13.339 min Scan# 1

Delta R.T. -0.206 min

Lab File: BM041346.D

Acq: 09 Aug 2023 19:09

Instrument :

BNA_M

ClientSampleId :

TP-38

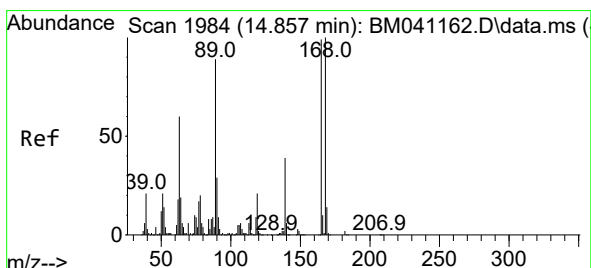
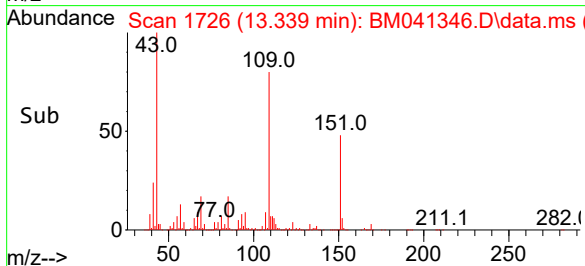
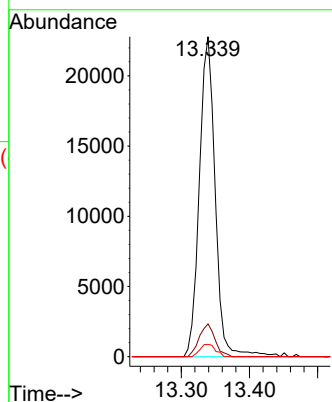
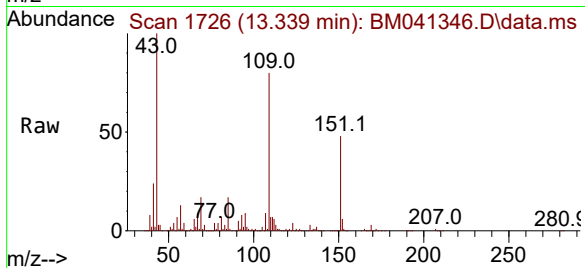
Tgt Ion: 65 Resp: 36768

Ion Ratio Lower Upper

65 100

92 10.3 53.0 79.4#

138 3.8 79.1 118.7#



#57

2,4-Dinitrotoluene

Concen: 2.679 ng

RT: 14.621 min Scan# 1944

Delta R.T. -0.224 min

Lab File: BM041346.D

Acq: 09 Aug 2023 19:09

Tgt Ion:165 Resp: 53

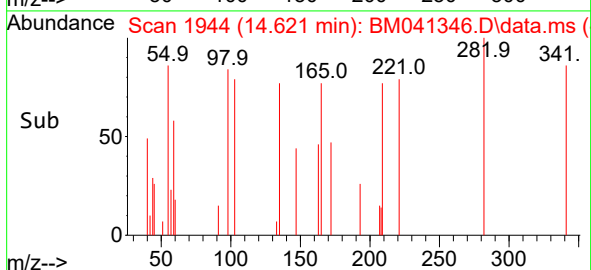
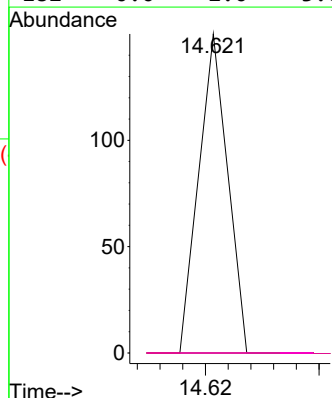
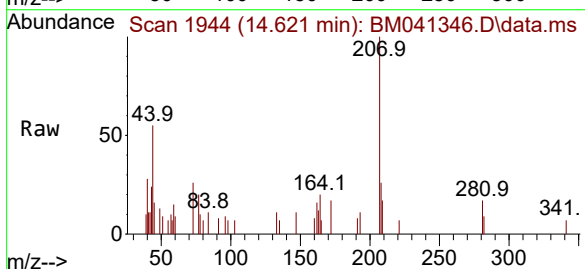
Ion Ratio Lower Upper

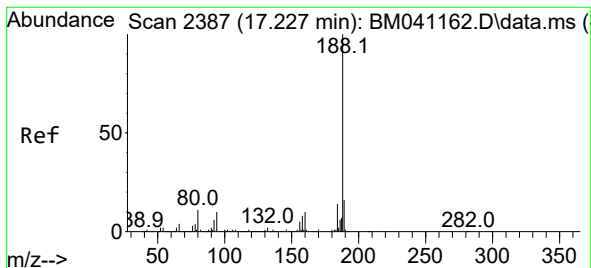
165 100

63 0.0 48.3 72.5#

89 0.0 71.8 107.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041346.D

Acq: 09 Aug 2023 19:09

Instrument :

BNA_M

ClientSampleId :

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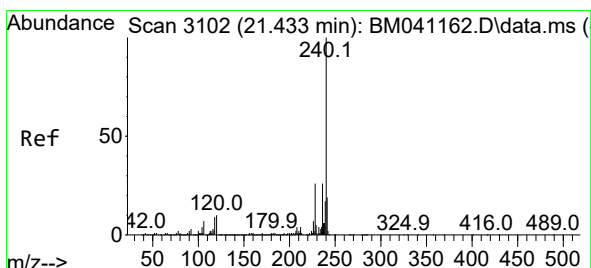
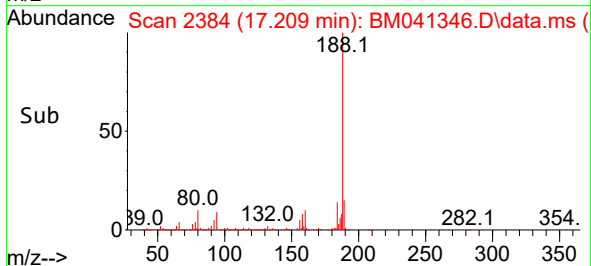
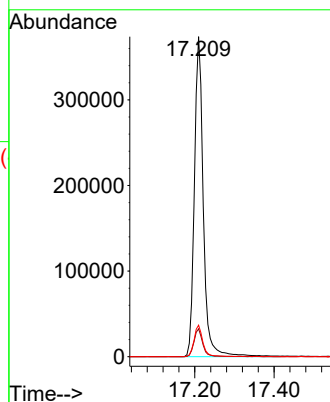
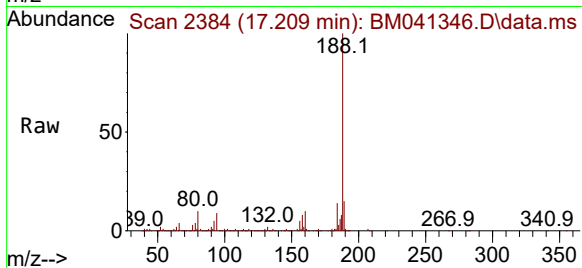
Tgt Ion:188 Resp: 585671

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

80 9.9 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041346.D

Acq: 09 Aug 2023 19:09

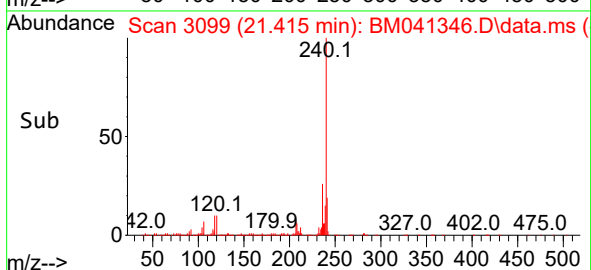
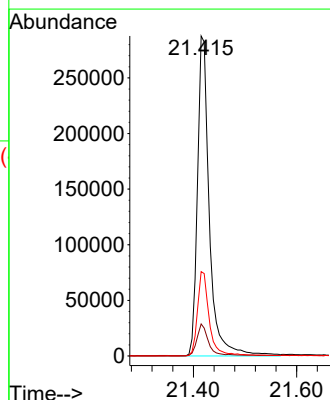
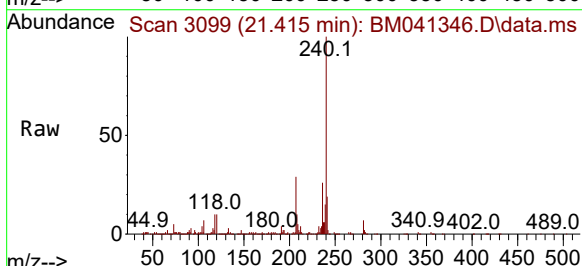
Tgt Ion:240 Resp: 461318

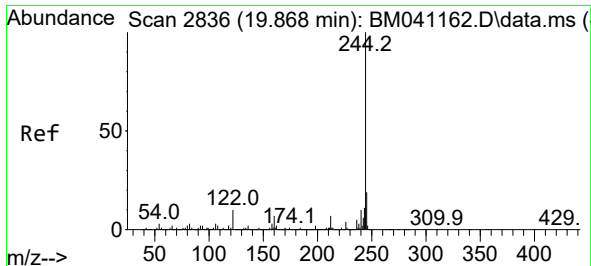
Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

236 26.4 20.6 30.8

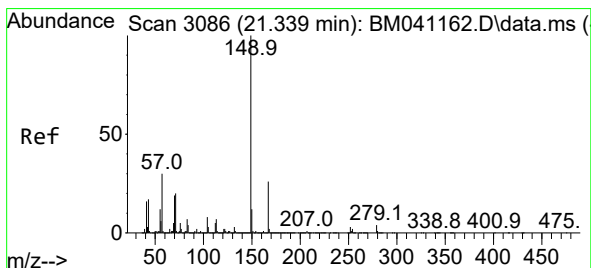
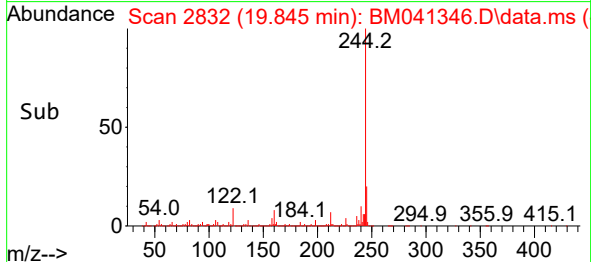
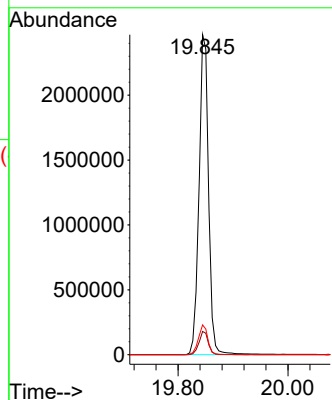
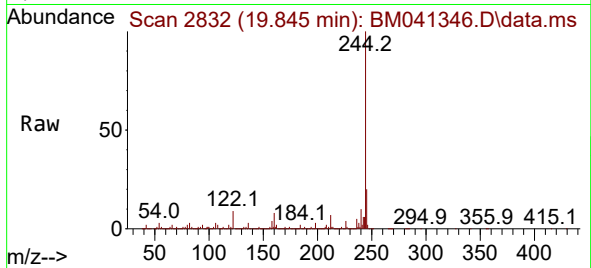




#79
 Terphenyl-d14
 Concen: 116.793 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041346.D
 Acq: 09 Aug 2023 19:09

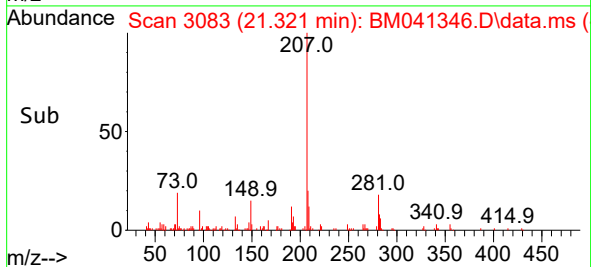
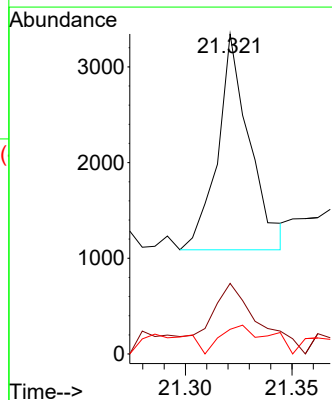
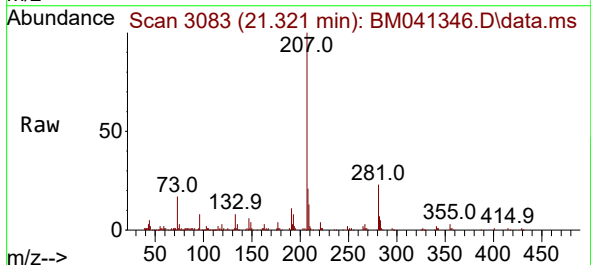
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 TP-38

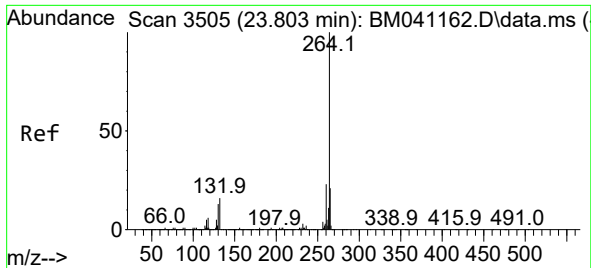
Tgt Ion:244 Resp: 2979934
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.3 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.658 ng
 RT: 21.321 min Scan# 3083
 Delta R.T. -0.000 min
 Lab File: BM041346.D
 Acq: 09 Aug 2023 19:09

Tgt Ion:149 Resp: 2352
 Ion Ratio Lower Upper
 149 100
 167 22.0 21.0 31.6
 279 7.7 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.791 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BM041346.D
 Acq: 09 Aug 2023 19:09

Instrument :
 BNA_M
 ClientSampleId :
 TP-38

Tgt Ion:264 Resp: 499418
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 22.7 17.4 26.0

