

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041236.D
 Acq On : 02 Aug 2023 09:38
 Operator : MA/JU
 Sample : PB154407BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154407BL

Quant Time: Aug 03 03:05:06 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 02 19:20:51 2023
 Response via : Initial Calibration

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

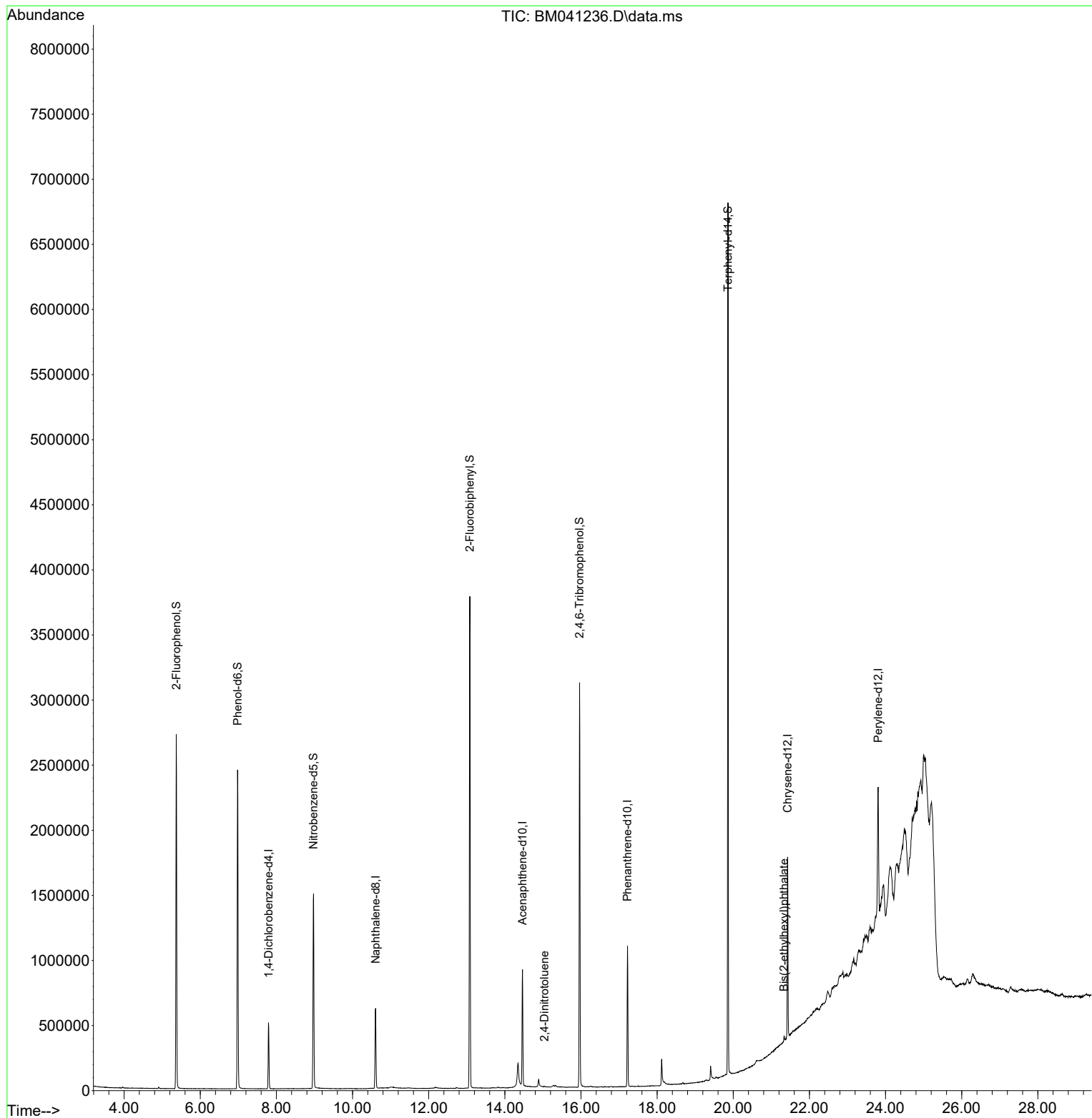
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	128024	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	494841	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	292370	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	625890	20.000	ng	0.00
76) Chrysene-d12	21.427	240	616856	20.000	ng	0.00
86) Perylene-d12	23.803	264	737085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1083925	126.540	ng	0.00
7) Phenol-d6	6.981	99	1337228	120.434	ng	0.00
23) Nitrobenzene-d5	8.975	82	849623	79.847	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	571475	138.190	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1858486	80.300	ng	0.00
79) Terphenyl-d14	19.862	244	3135904	91.916	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	15.039	165	1080	2.827	ng	# 33
84) Bis(2-ethylhexyl)phtha...	21.333	149	15916	3.142	ng	# 94

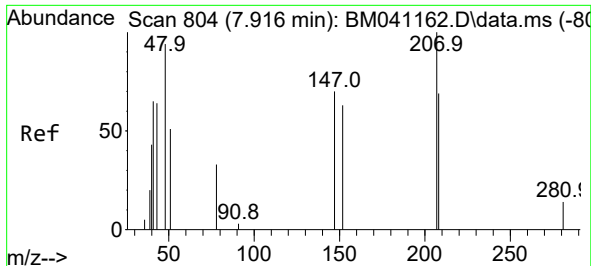
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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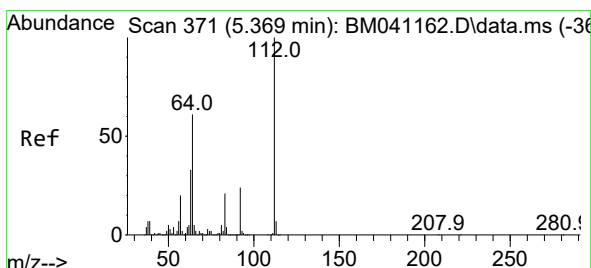
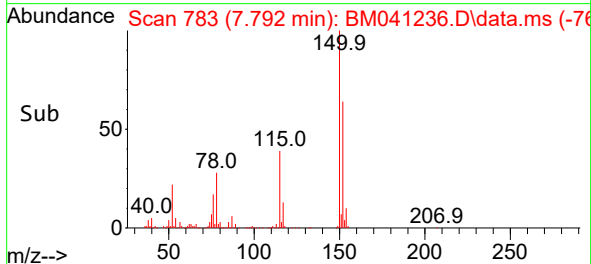
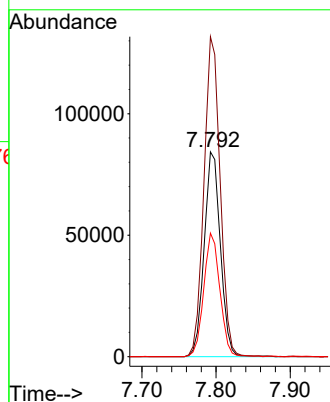
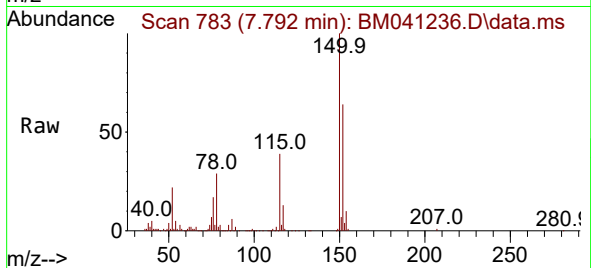




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 71
Delta R.T. -0.001 min
Lab File: BM041236.D
Acq: 02 Aug 2023 09:38

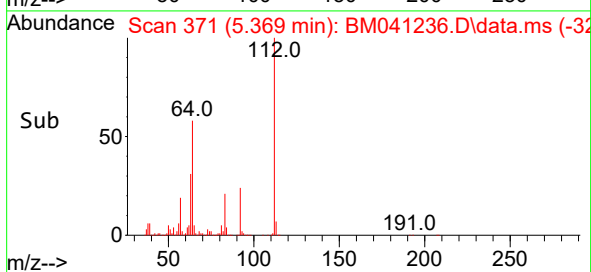
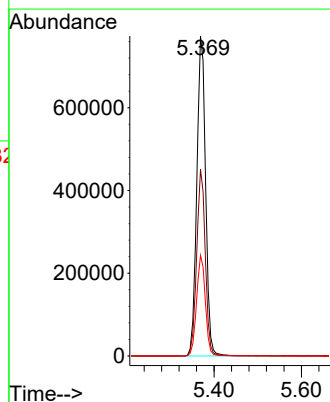
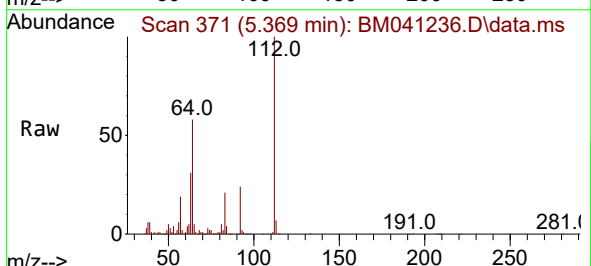
Instrument :
BNA_M
ClientSampleId :
PB154407BL

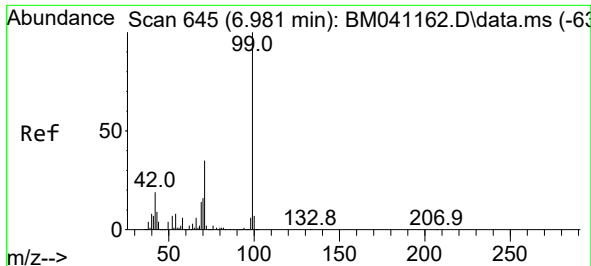
Tgt Ion:152 Resp: 128024
Ion Ratio Lower Upper
152 100
150 156.3 125.5 188.3
115 60.4 48.0 72.0



#5
2-Fluorophenol
Concen: 126.540 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041236.D
Acq: 02 Aug 2023 09:38

Tgt Ion:112 Resp: 1083925
Ion Ratio Lower Upper
112 100
64 58.3 48.5 72.7
63 31.5 26.5 39.7

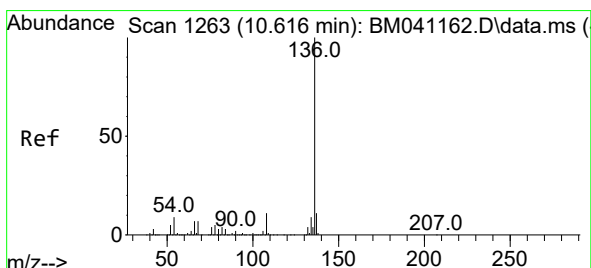
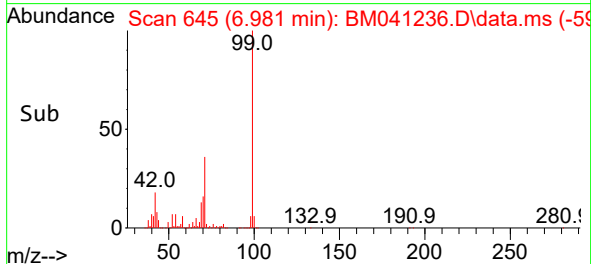
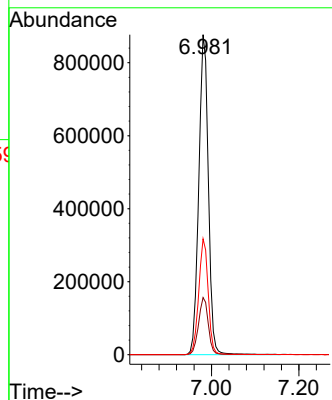
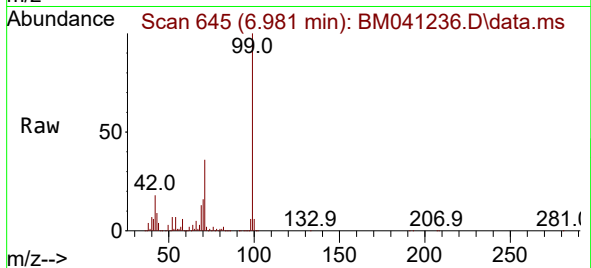




#7
Phenol-d6
Concen: 120.434 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041236.D
Acq: 02 Aug 2023 09:38

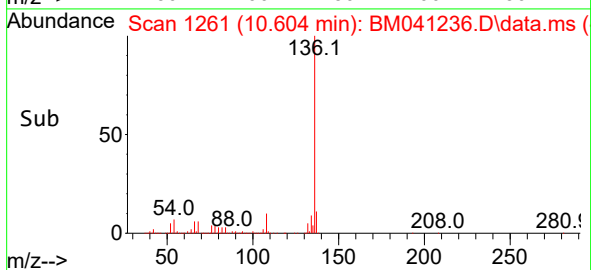
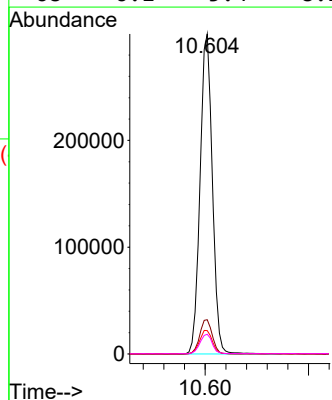
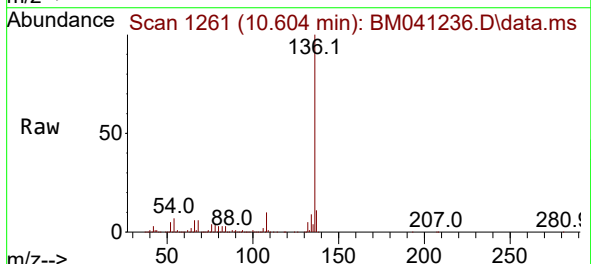
Instrument :
BNA_M
ClientSampleId :
PB154407BL

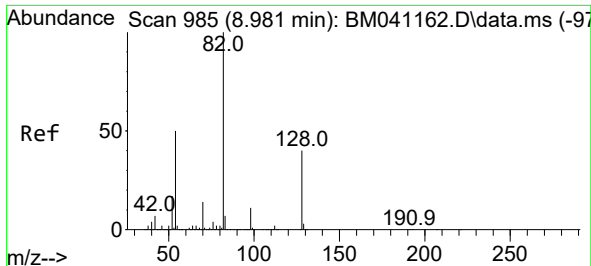
Tgt Ion: 99 Resp: 1337228
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.2 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041236.D
Acq: 02 Aug 2023 09:38

Tgt Ion: 136 Resp: 494841
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.3 6.9 10.3
68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.847 ng

RT: 8.975 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041236.D

Acq: 02 Aug 2023 09:38

Instrument :

BNA_M

ClientSampleId :

PB154407BL

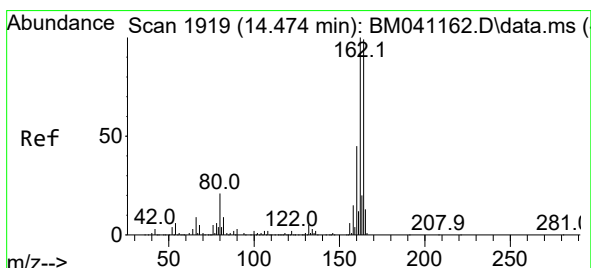
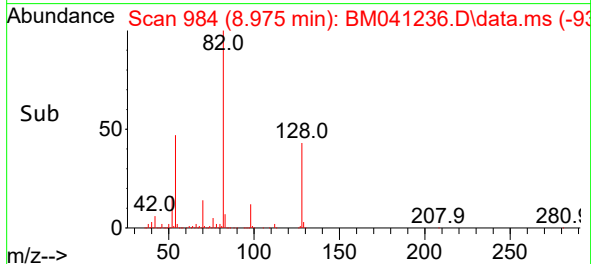
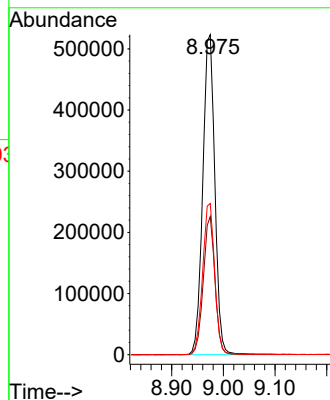
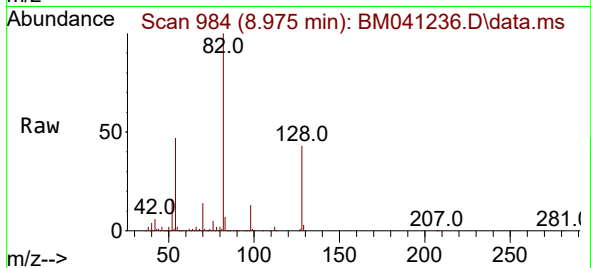
Tgt Ion: 82 Resp: 849623

Ion Ratio Lower Upper

82 100

128 43.1 31.8 47.6

54 47.3 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.462 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BM041236.D

Acq: 02 Aug 2023 09:38

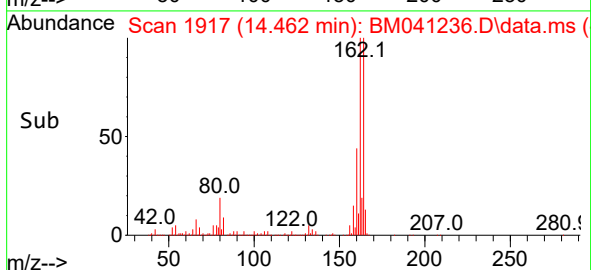
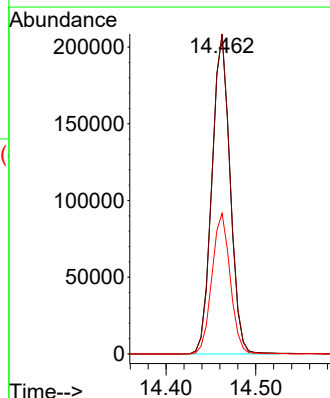
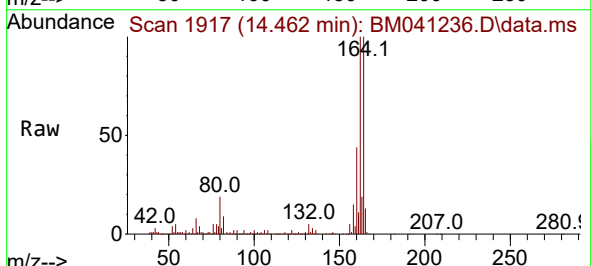
Tgt Ion: 164 Resp: 292370

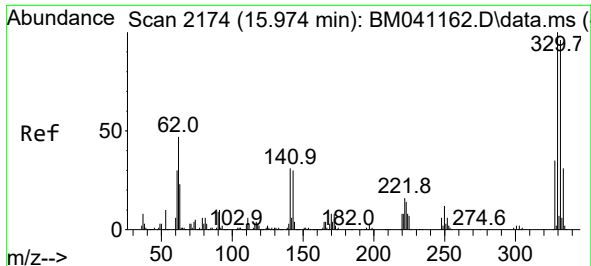
Ion Ratio Lower Upper

164 100

162 100.2 80.4 120.6

160 44.1 36.2 54.2

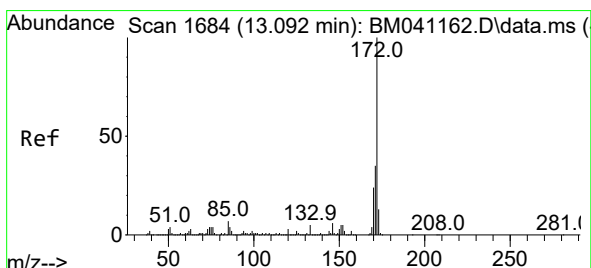
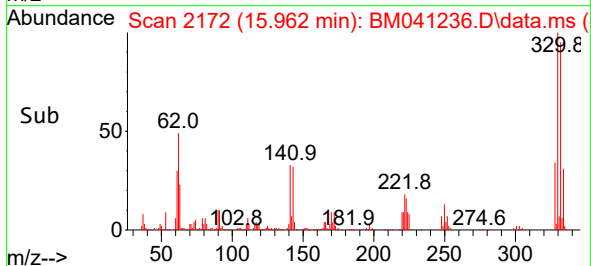
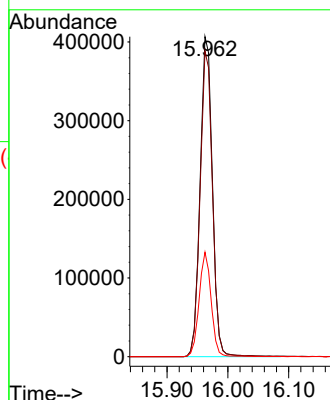
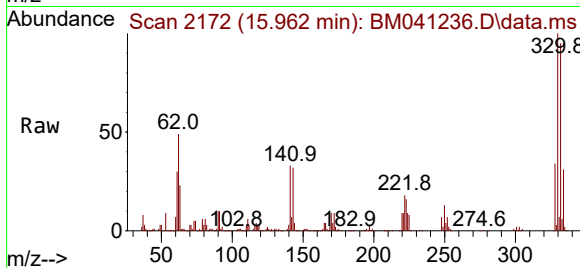




#42
2,4,6-Tribromophenol
Concen: 138.190 ng
RT: 15.962 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041236.D
Acq: 02 Aug 2023 09:38

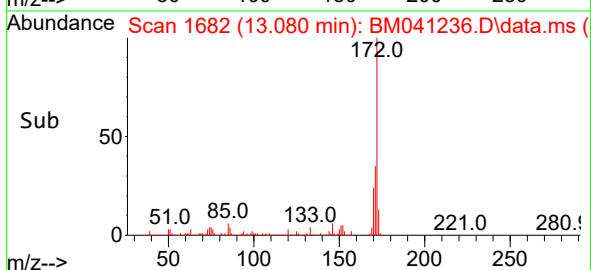
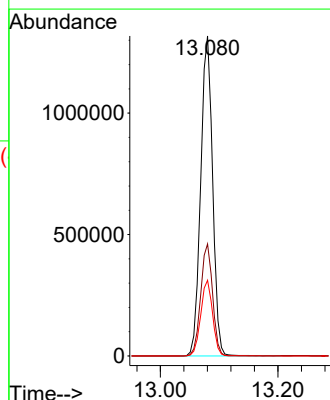
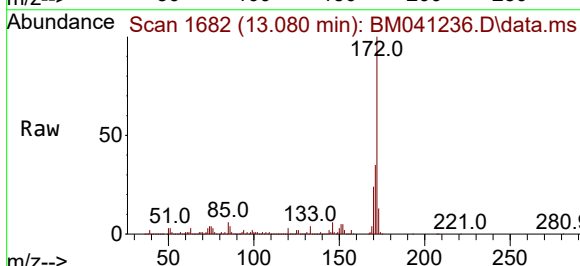
Instrument :
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ClientSampleId :
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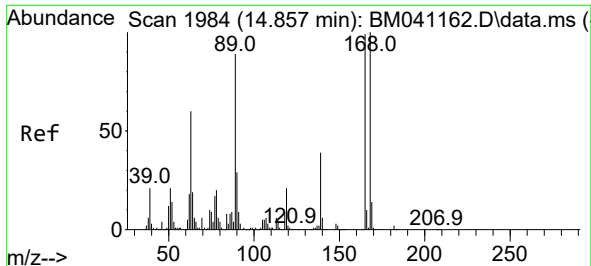
Tgt Ion:330 Resp: 571475
Ion Ratio Lower Upper
330 100
332 95.6 77.7 116.5
141 32.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 80.300 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM041236.D
Acq: 02 Aug 2023 09:38

Tgt Ion:172 Resp: 1858486
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 2.827 ng

RT: 15.039 min Scan# 20

Delta R.T. 0.182 min

Lab File: BM041236.D

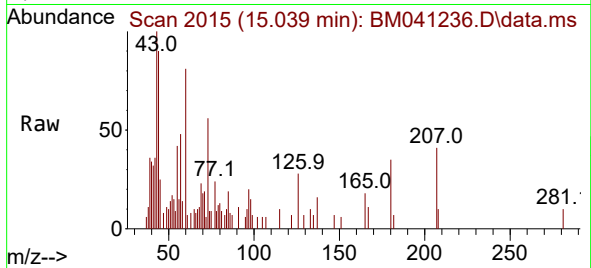
Acq: 02 Aug 2023 09:38

Instrument :

BNA_M

ClientSampleId :

PB154407BL



Tgt Ion:165 Resp: 1080

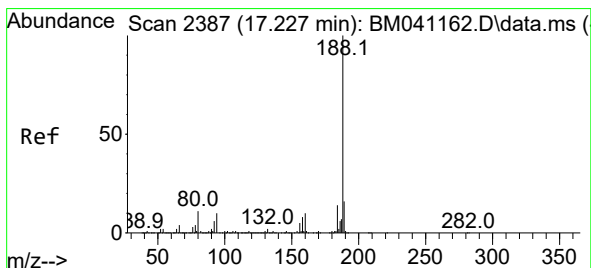
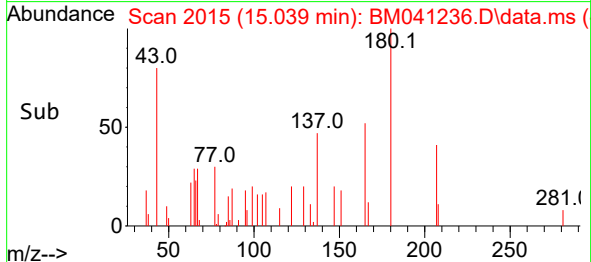
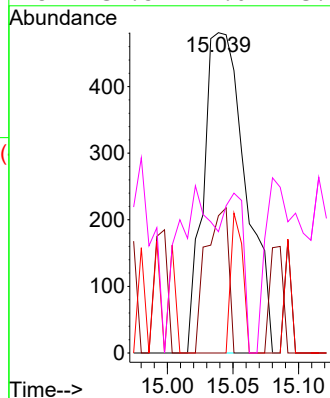
Ion Ratio Lower Upper

165 100

63 42.8 48.3 72.5#

89 0.0 71.8 107.8#

182 37.8 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2386

Delta R.T. -0.000 min

Lab File: BM041236.D

Acq: 02 Aug 2023 09:38

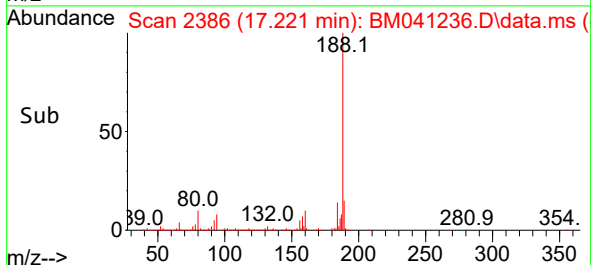
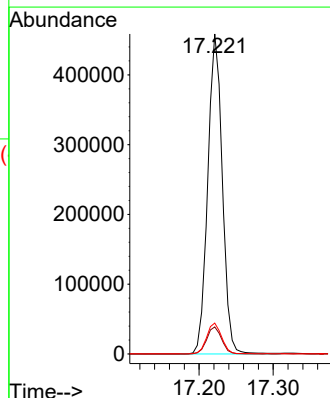
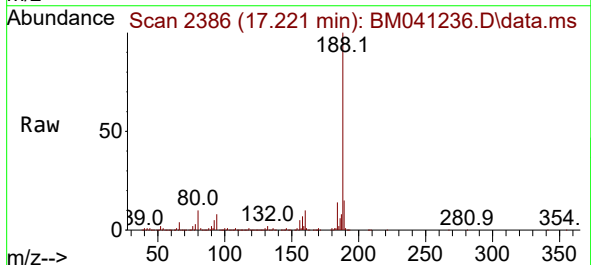
Tgt Ion:188 Resp: 625890

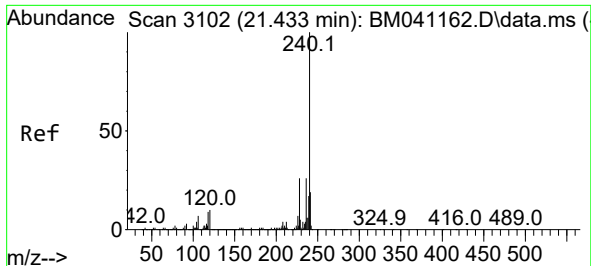
Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

80 9.7 8.6 13.0

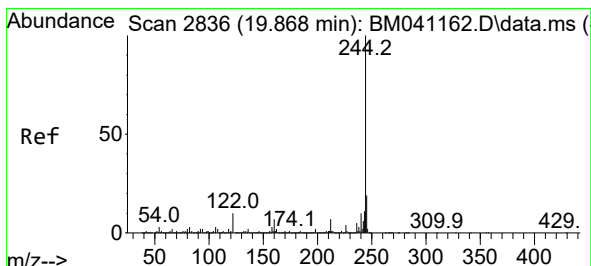
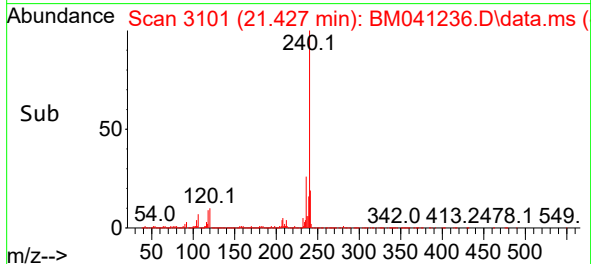
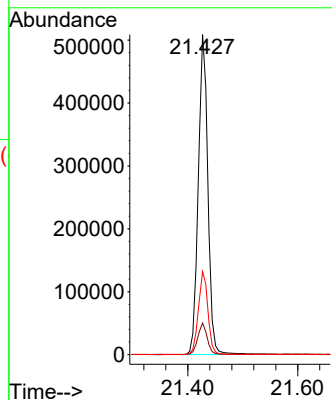
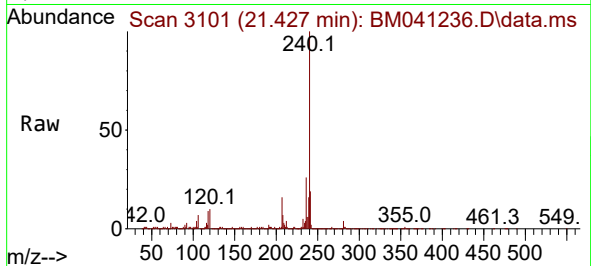




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041236.D
Acq: 02 Aug 2023 09:38

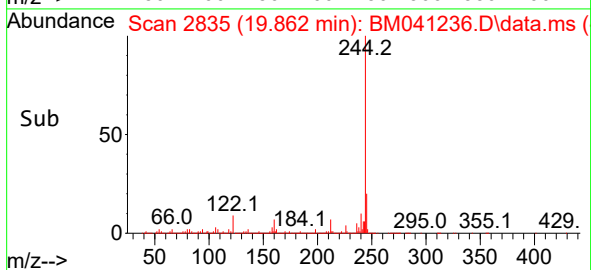
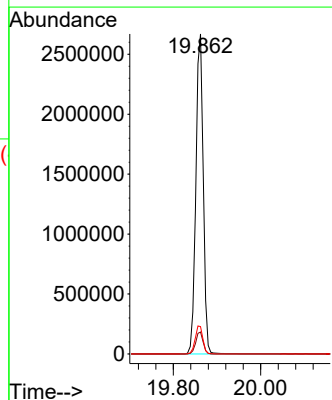
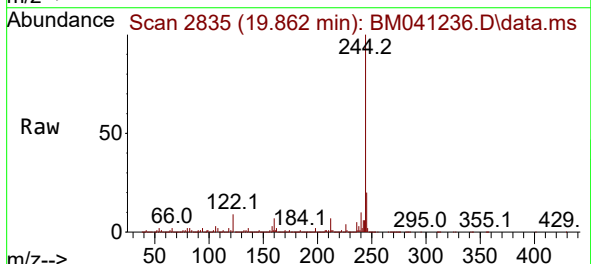
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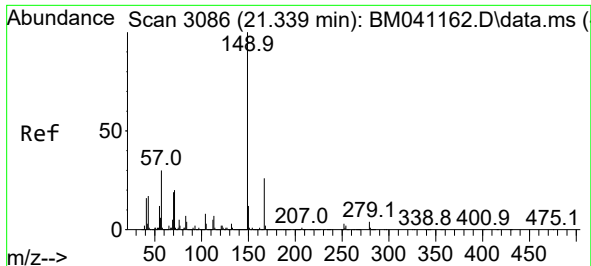
Tgt Ion:240 Resp: 616856
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 91.916 ng
RT: 19.862 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BM041236.D
Acq: 02 Aug 2023 09:38

Tgt Ion:244 Resp: 3135904
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 8.5 7.8 11.6

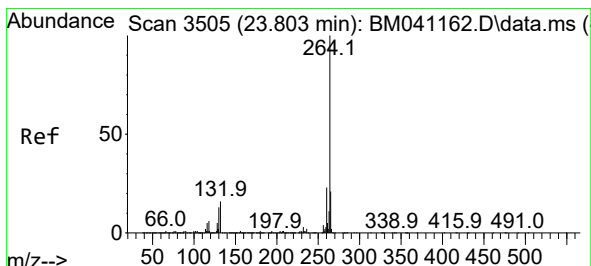
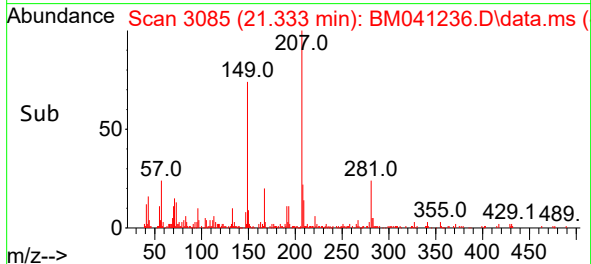
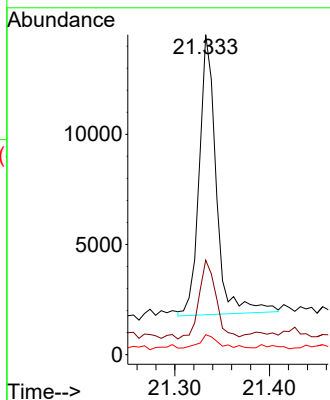
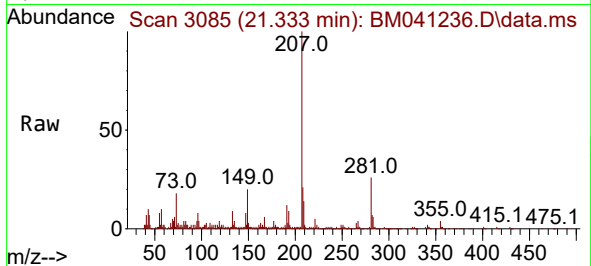




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.142 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM041236.D
Acq: 02 Aug 2023 09:38

Instrument :
BNA_M
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PB154407BL

Tgt Ion:149 Resp: 15916
Ion Ratio Lower Upper
149 100
167 29.6 21.0 31.6
279 6.3 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BM041236.D
Acq: 02 Aug 2023 09:38

Tgt Ion:264 Resp: 737085
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 22.2 17.4 26.0

