

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051424\
 Data File : BM045736.D
 Acq On : 14 May 2024 18:06
 Operator : MA/JU
 Sample : PB160855BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB160855BL

Quant Time: May 15 02:05:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 01:43:14 2024
 Response via : Initial Calibration

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

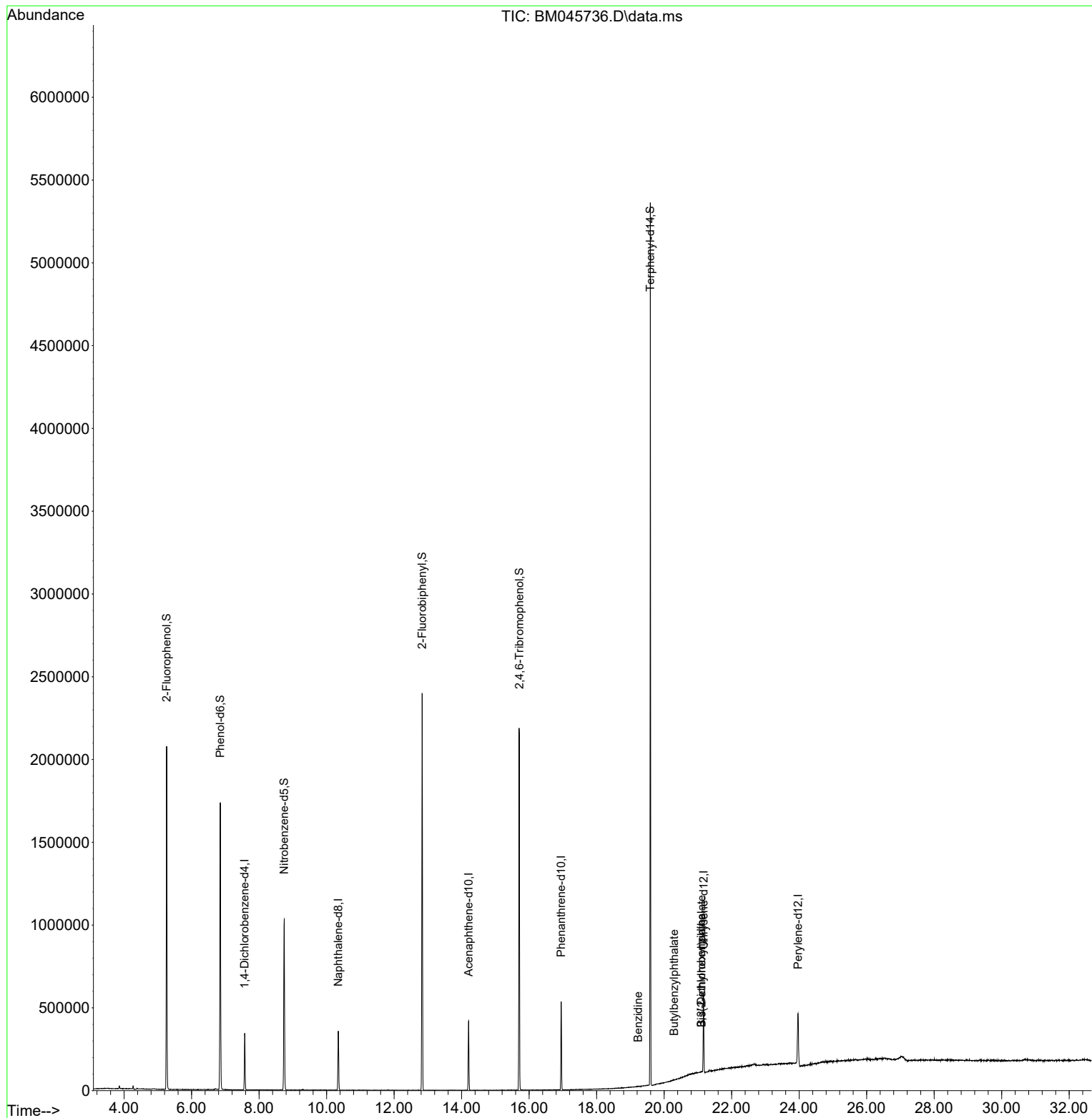
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	71850	20.000	ng	0.00
21) Naphthalene-d8	10.345	136	248491	20.000	ng	0.00
39) Acenaphthene-d10	14.210	164	127000	20.000	ng	0.00
64) Phenanthrene-d10	16.951	188	255826	20.000	ng	# 0.00
76) Chrysene-d12	21.168	240	200542	20.000	ng	# 0.00
86) Perylene-d12	23.968	264	256262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	690552	154.723	ng	0.00
7) Phenol-d6	6.851	99	764860	142.959	ng	0.00
23) Nitrobenzene-d5	8.745	82	570614	97.434	ng	0.00
42) 2,4,6-Tribromophenol	15.710	330	269687	144.897	ng	0.00
45) 2-Fluorobiphenyl	12.833	172	948031	101.300	ng	0.00
79) Terphenyl-d14	19.592	244	1680885	85.224	ng	0.00
Target Compounds						
						Qvalue
77) Benzidine	19.227	184	2658	2.469	ng	# 81
80) Butylbenzylphthalate	20.298	149	260	2.236	ng	# 18
82) 3,3'-Dichlorobenzidine	21.098	252	516	2.940	ng	# 71
84) Bis(2-ethylhexyl)phtha...	21.109	149	387	3.454	ng	# 88

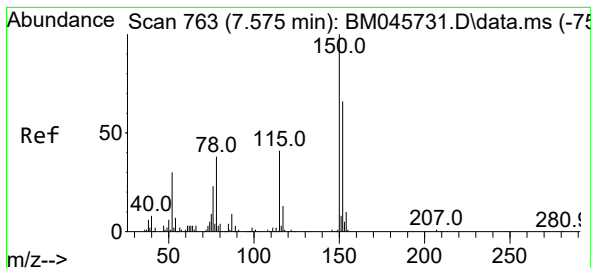
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 15 01:43:14 2024
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.575 min Scan# 7

Delta R.T. -0.000 min

Lab File: BM045736.D

Acq: 14 May 2024 18:06

Instrument :

BNA_M

ClientSampleId :

PB160855BL

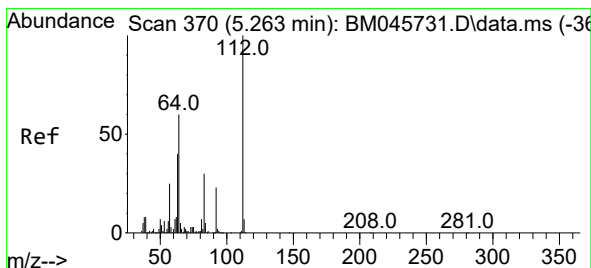
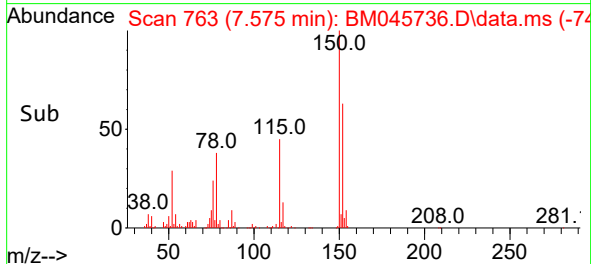
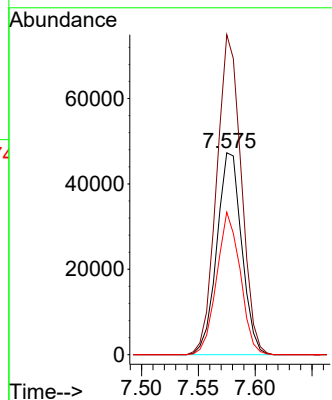
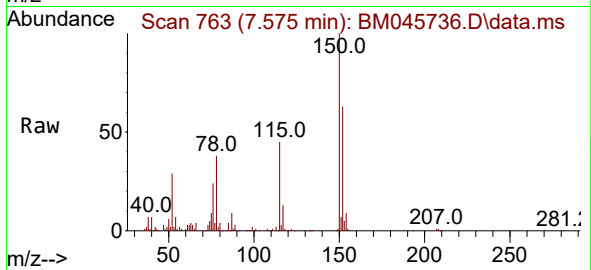
Tgt Ion:152 Resp: 71850

Ion Ratio Lower Upper

152 100

150 158.5 121.7 182.5

115 70.6 50.5 75.7



#5

2-Fluorophenol

Concen: 154.723 ng

RT: 5.263 min Scan# 370

Delta R.T. 0.000 min

Lab File: BM045736.D

Acq: 14 May 2024 18:06

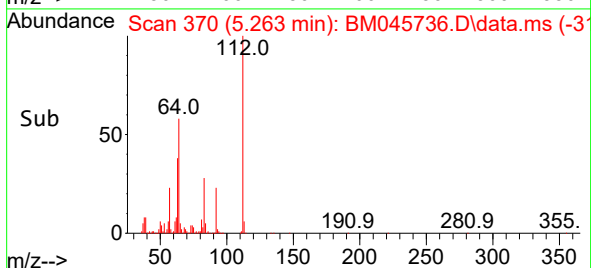
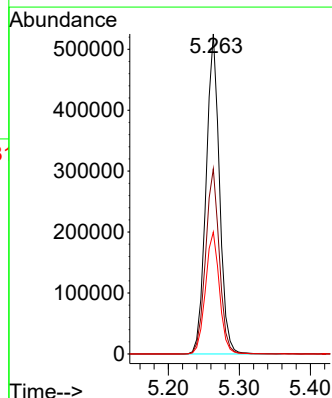
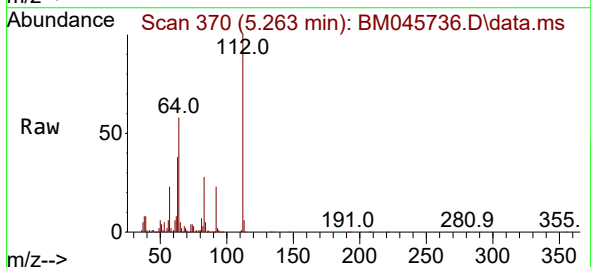
Tgt Ion:112 Resp: 690552

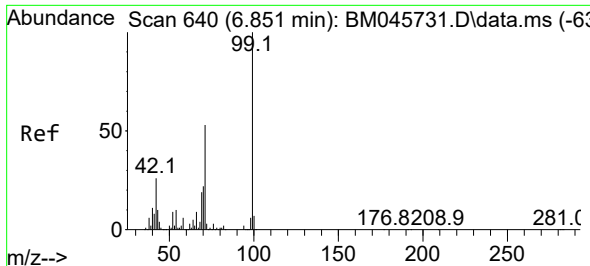
Ion Ratio Lower Upper

112 100

64 57.9 47.8 71.8

63 38.1 32.1 48.1

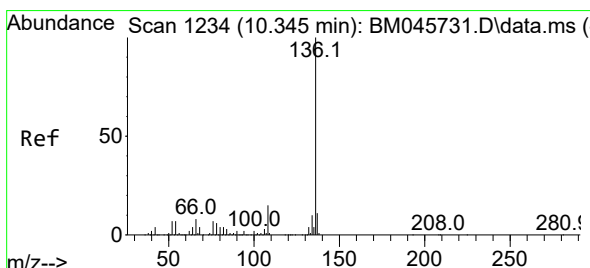
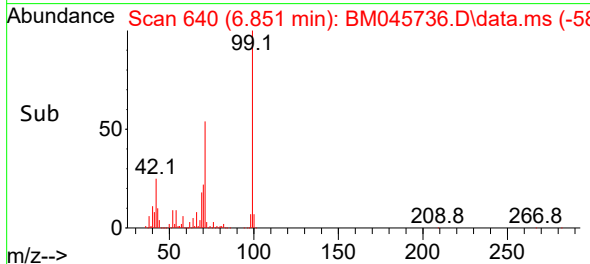
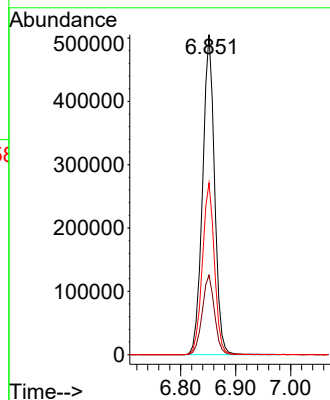
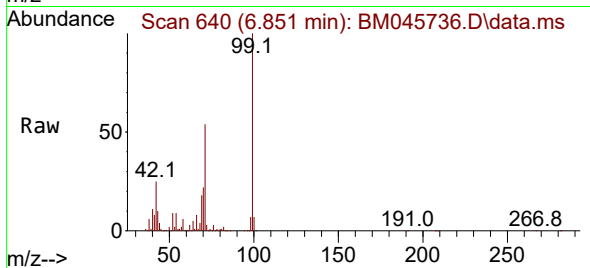




#7
Phenol-d6
Concen: 142.959 ng
RT: 6.851 min Scan# 640
Delta R.T. 0.000 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

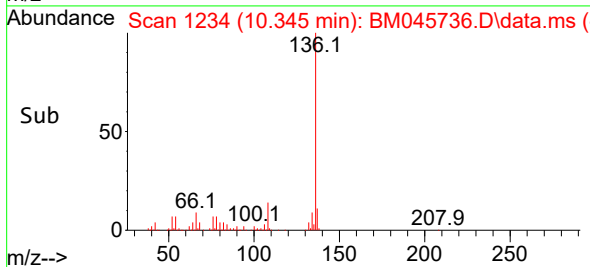
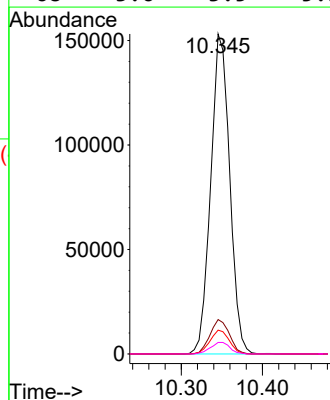
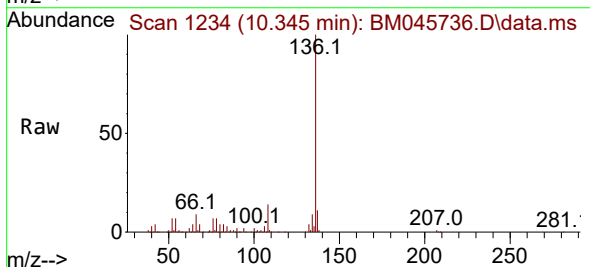
Instrument :
BNA_M
ClientSampleId :
PB160855BL

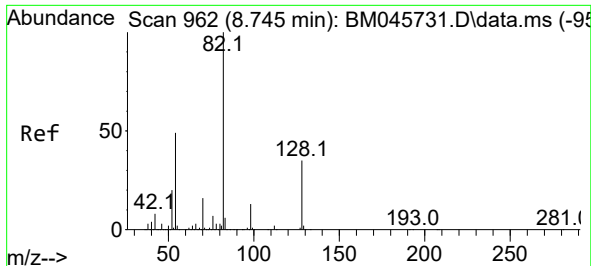
Tgt Ion: 99 Resp: 764860
Ion Ratio Lower Upper
99 100
42 24.8 20.8 31.2
71 53.6 42.2 63.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.345 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

Tgt Ion: 136 Resp: 248491
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.5 5.8 8.8
68 3.6 3.5 5.3





#23

Nitrobenzene-d5

Concen: 97.434 ng

RT: 8.745 min Scan# 962

Delta R.T. 0.000 min

Lab File: BM045736.D

Acq: 14 May 2024 18:06

Instrument :

BNA_M

ClientSampleId :

PB160855BL

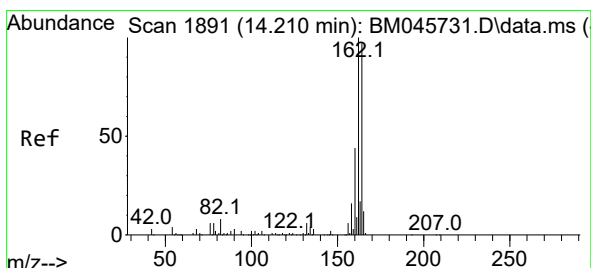
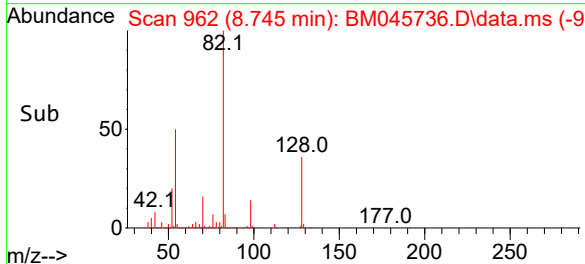
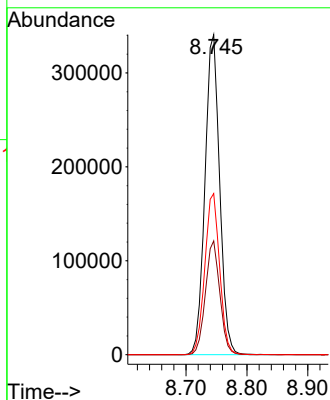
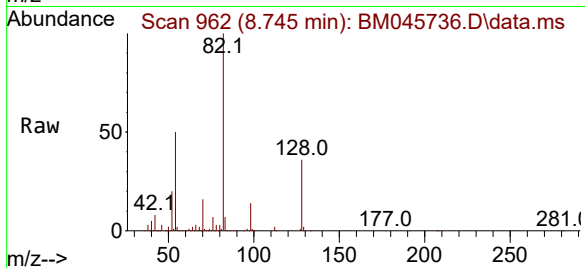
Tgt Ion: 82 Resp: 570614

Ion Ratio Lower Upper

82 100

128 35.5 28.4 42.6

54 50.4 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.210 min Scan# 1891

Delta R.T. -0.000 min

Lab File: BM045736.D

Acq: 14 May 2024 18:06

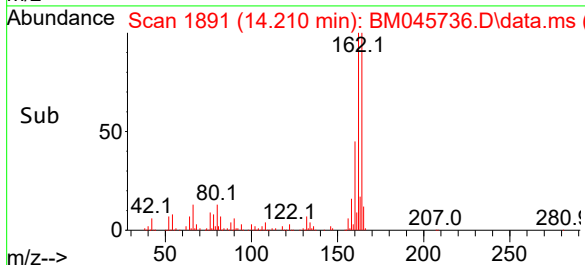
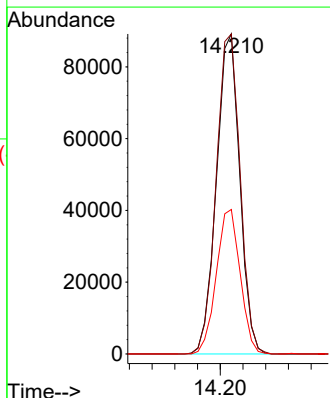
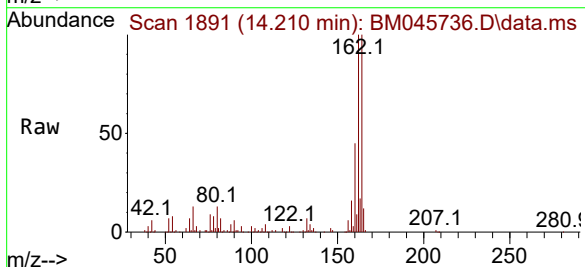
Tgt Ion:164 Resp: 127000

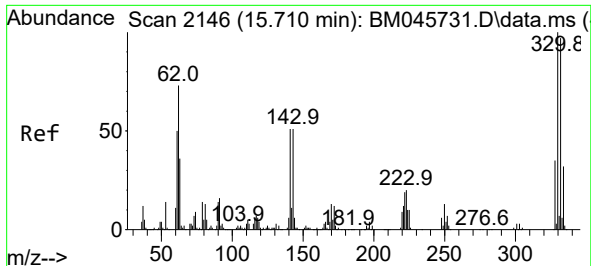
Ion Ratio Lower Upper

164 100

162 100.0 82.6 124.0

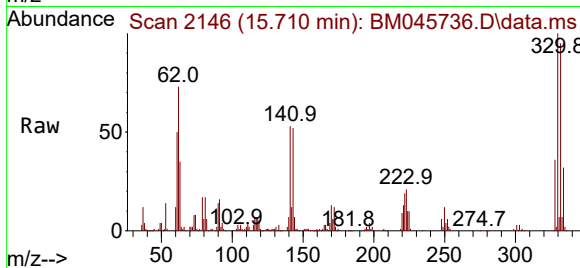
160 45.2 36.6 54.8



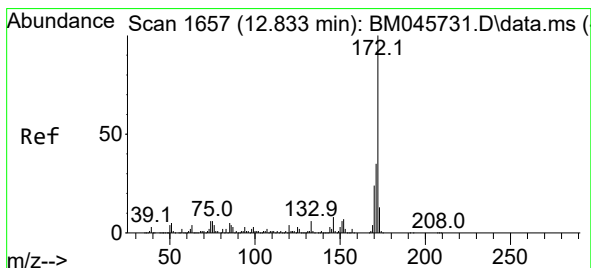
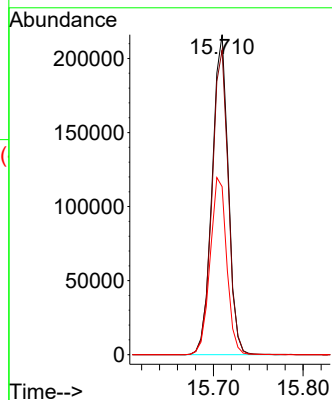
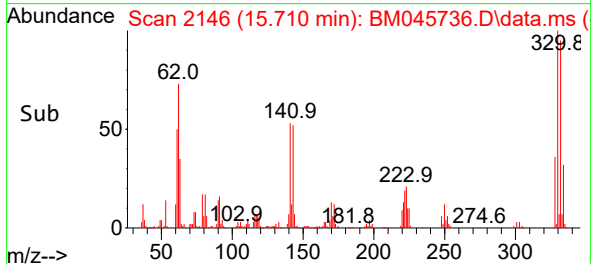


#42
2,4,6-Tribromophenol
Concen: 144.897 ng
RT: 15.710 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

Instrument :
BNA_M
ClientSampleId :
PB160855BL

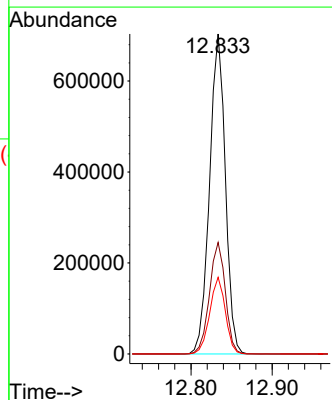
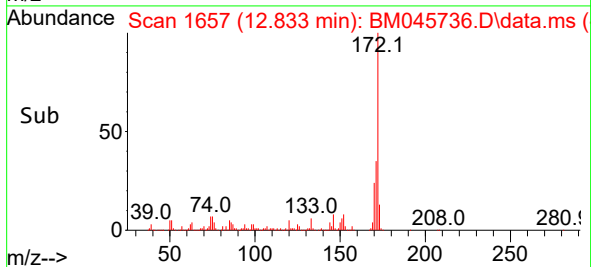
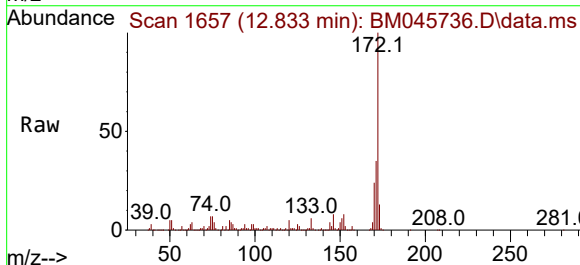


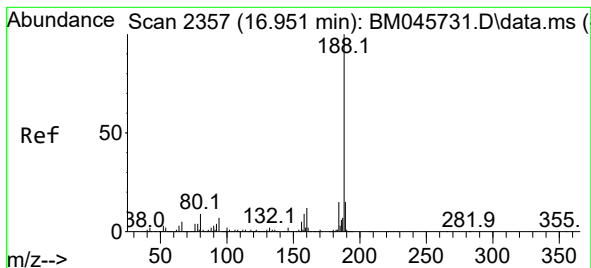
Tgt Ion:330 Resp: 269687
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 57.0 40.1 60.1



#45
2-Fluorobiphenyl
Concen: 101.300 ng
RT: 12.833 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

Tgt Ion:172 Resp: 948031
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 24.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM045736.D

Acq: 14 May 2024 18:06

Instrument :

BNA_M

ClientSampleId :

PB160855BL

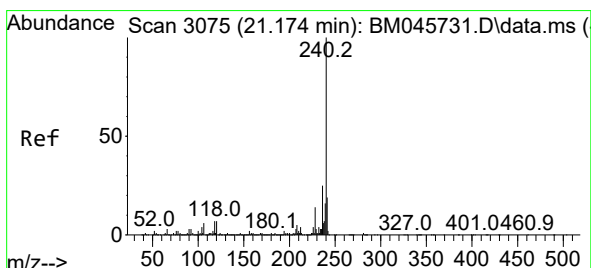
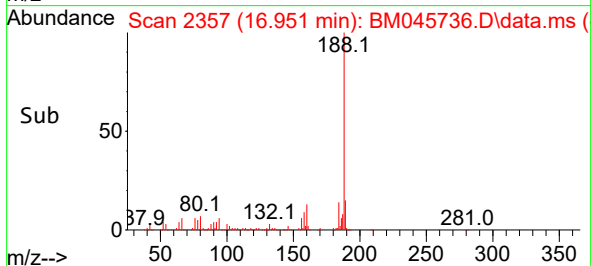
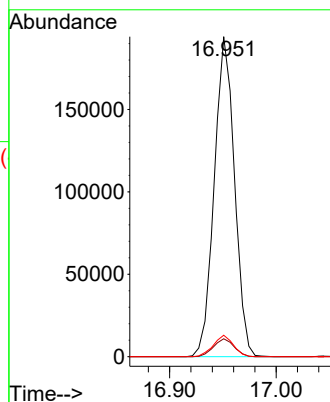
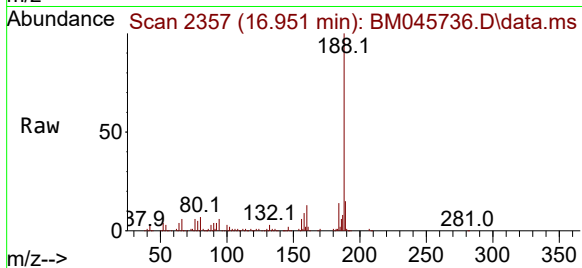
Tgt Ion:188 Resp: 255826

Ion Ratio Lower Upper

188 100

94 5.6 5.9 8.9#

80 6.7 7.4 11.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.168 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM045736.D

Acq: 14 May 2024 18:06

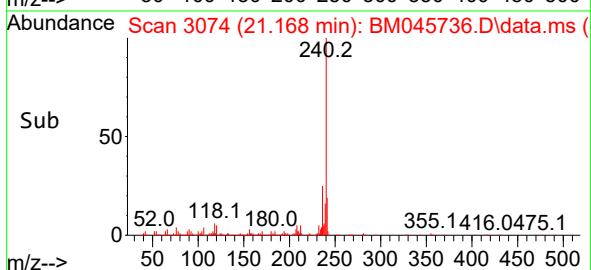
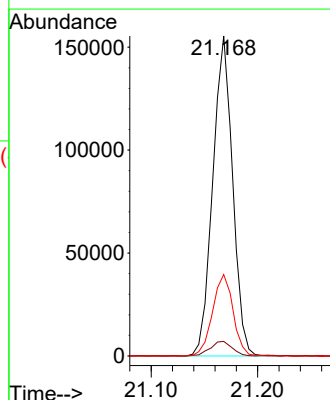
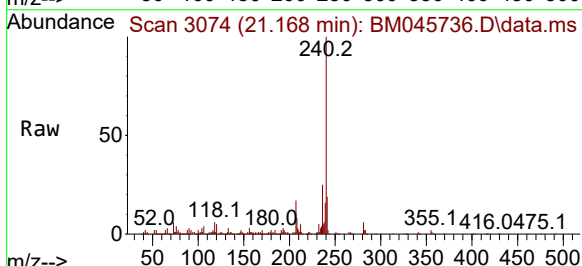
Tgt Ion:240 Resp: 200542

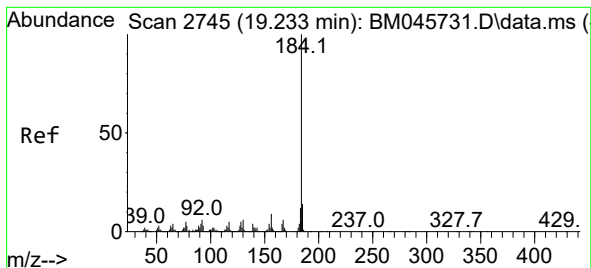
Ion Ratio Lower Upper

240 100

120 4.5 6.0 9.0#

236 25.5 19.8 29.6





#77

Benzidine

Concen: 2.469 ng

RT: 19.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045736.D

Acq: 14 May 2024 18:06

Instrument :

BNA_M

ClientSampleId :

PB160855BL

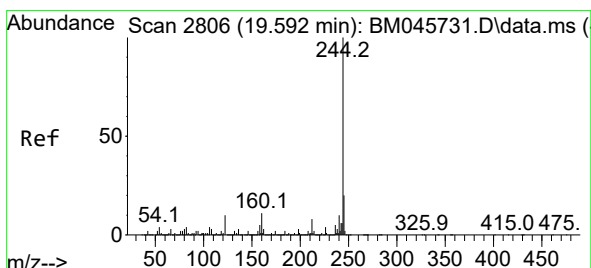
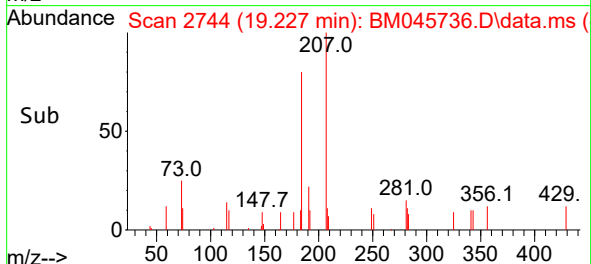
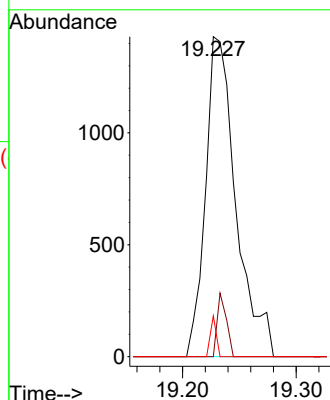
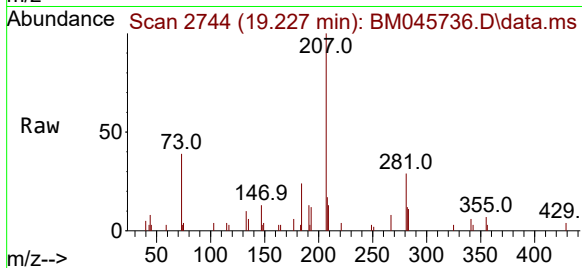
Tgt Ion:184 Resp: 2658

Ion Ratio Lower Upper

184 100

185 0.0 11.0 16.6#

183 12.7 9.7 14.5



#79

Terphenyl-d14

Concen: 85.224 ng

RT: 19.592 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BM045736.D

Acq: 14 May 2024 18:06

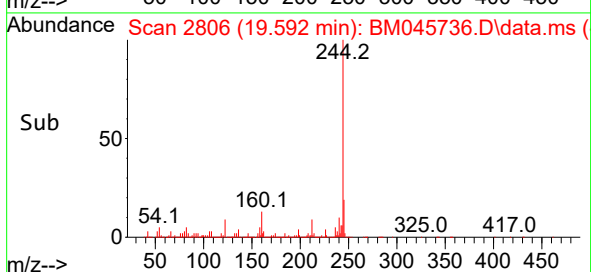
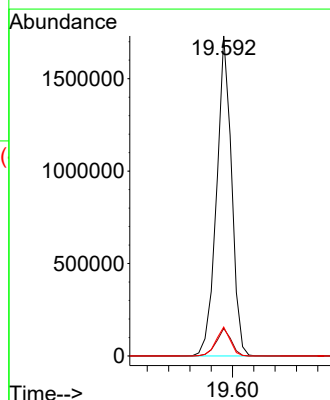
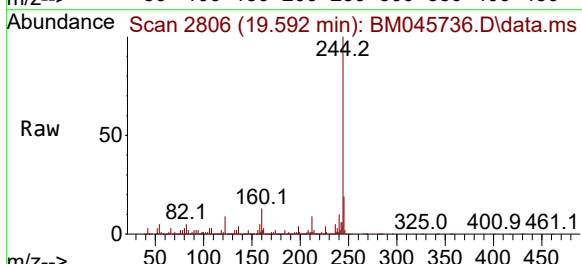
Tgt Ion:244 Resp: 1680885

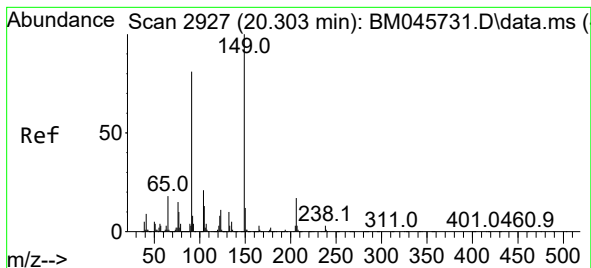
Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

122 9.0 8.3 12.5





#80

Butylbenzylphthalate

Concen: 2.236 ng

RT: 20.298 min Scan# 2927

Delta R.T. -0.005 min

Lab File: BM045736.D

Acq: 14 May 2024 18:06

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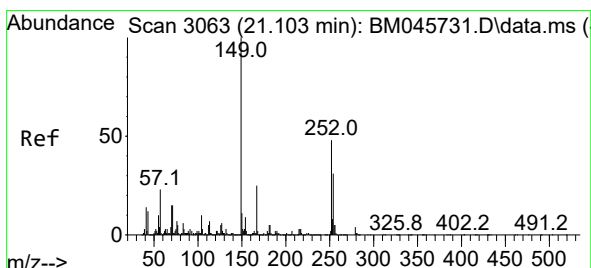
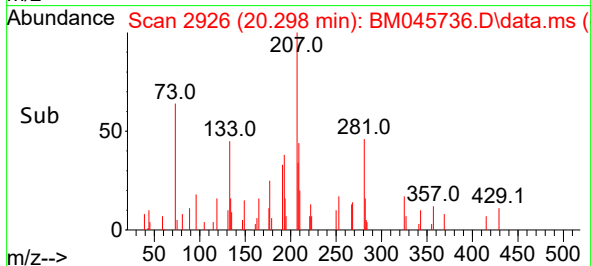
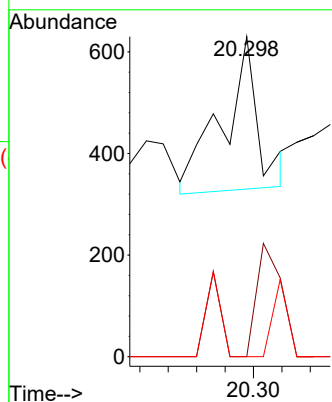
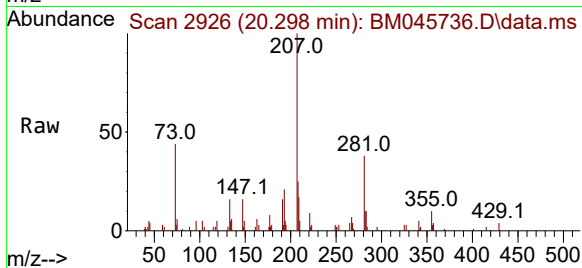
Tgt Ion:149 Resp: 260

Ion Ratio Lower Upper

149 100

91 0.0 64.5 96.7#

206 0.0 14.0 21.0#



#82

3,3'-Dichlorobenzidine

Concen: 2.940 ng

RT: 21.098 min Scan# 3062

Delta R.T. -0.005 min

Lab File: BM045736.D

Acq: 14 May 2024 18:06

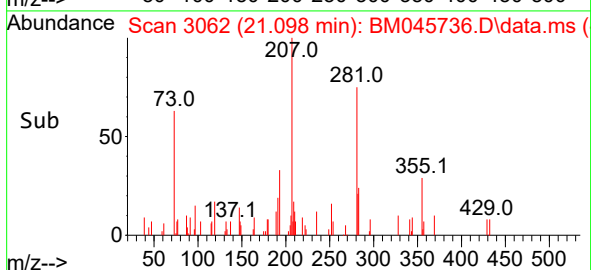
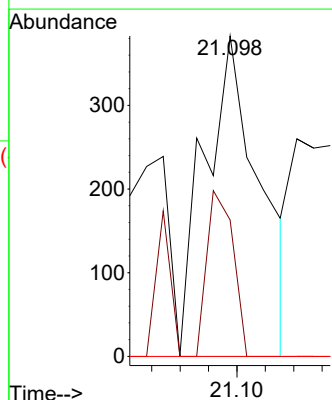
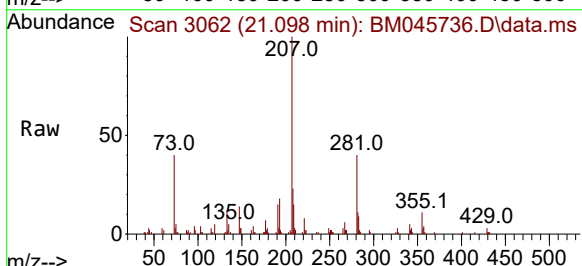
Tgt Ion:252 Resp: 516

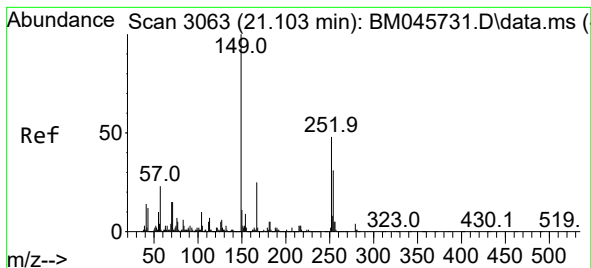
Ion Ratio Lower Upper

252 100

254 42.6 52.0 78.0#

126 0.0 9.0 13.4#

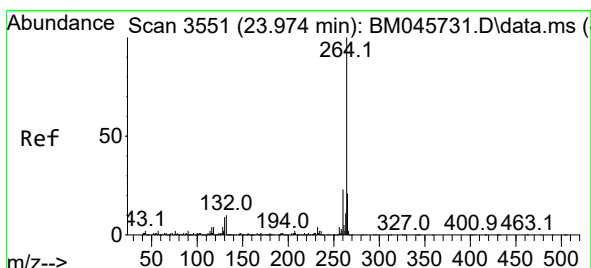
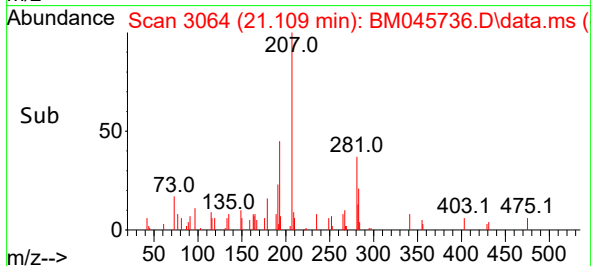
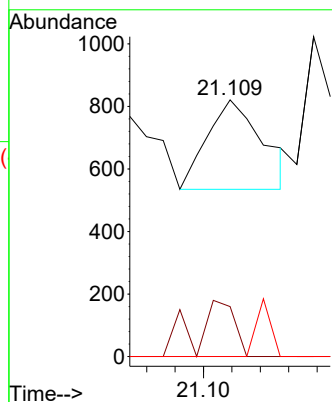
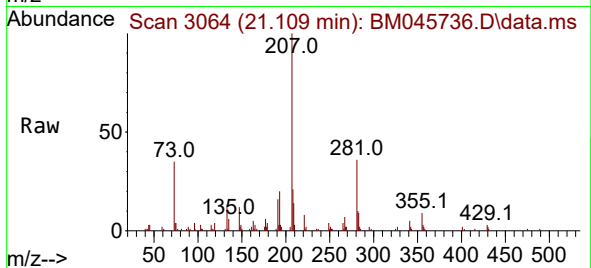




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.454 ng
RT: 21.109 min Scan# 3063
Delta R.T. 0.006 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

Instrument :
BNA_M
ClientSampleId :
PB160855BL

Tgt Ion:149 Resp: 387
Ion Ratio Lower Upper
149 100
167 19.5 20.3 30.5#
279 0.0 3.4 5.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.968 min Scan# 3550
Delta R.T. -0.006 min
Lab File: BM045736.D
Acq: 14 May 2024 18:06

Tgt Ion:264 Resp: 256262
Ion Ratio Lower Upper
264 100
260 22.7 18.3 27.5
265 21.9 17.9 26.9

