

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041255.D
 Acq On : 03 Aug 2023 10:11
 Operator : MA/JU
 Sample : PB154308BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154308BL

Quant Time: Aug 04 01:15:02 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)

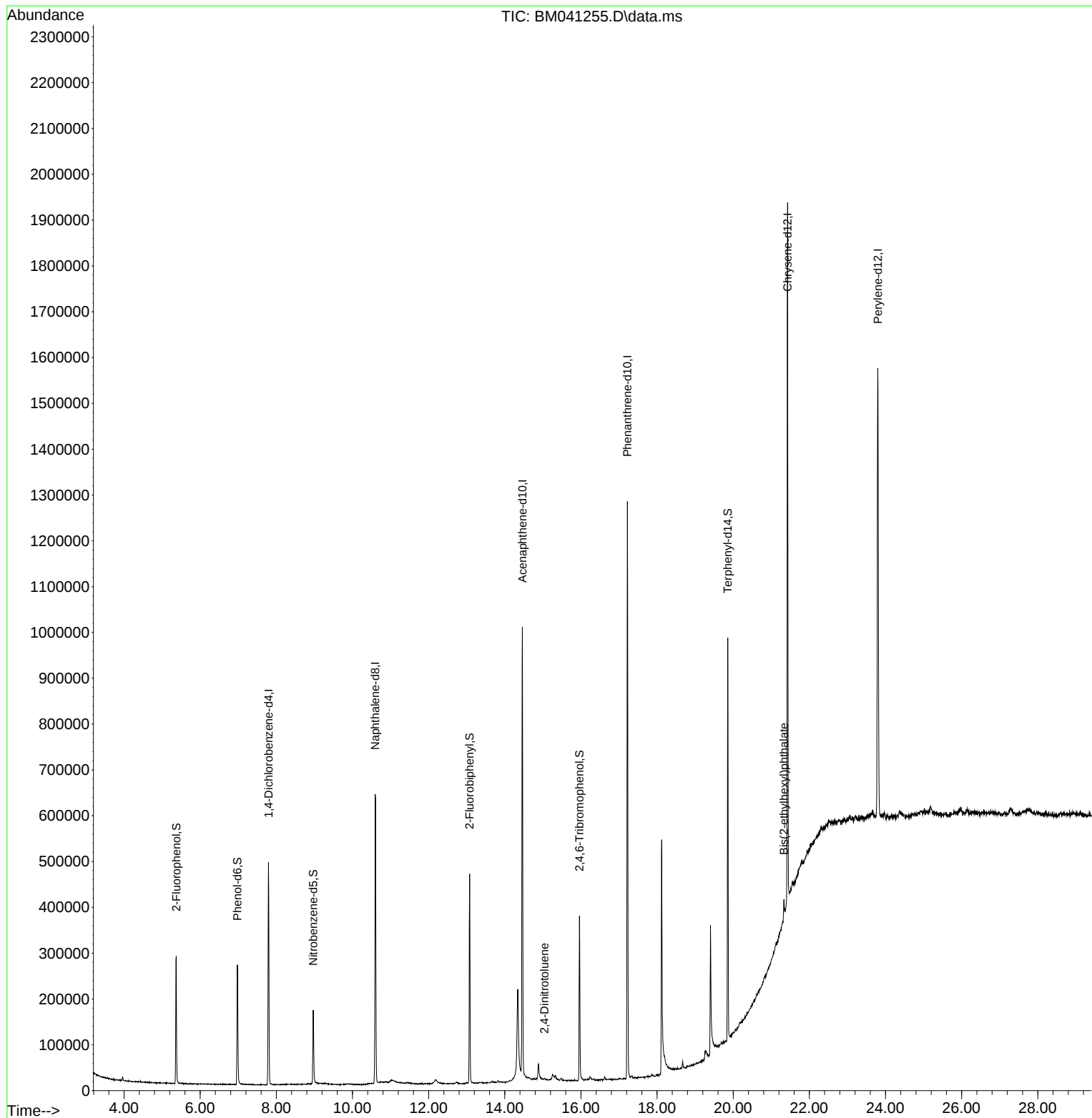
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	124407	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	504328	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	322161	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	728824	20.000	ng	0.00
76) Chrysene-d12	21.427	240	687464	20.000	ng	0.00
86) Perylene-d12	23.797	264	748953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	119490	14.355	ng	0.00
7) Phenol-d6	6.975	99	149805	13.884	ng	0.00
23) Nitrobenzene-d5	8.969	82	96724	8.919	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	67335	14.777	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	230173	9.025	ng	0.00
79) Terphenyl-d14	19.856	244	403142	10.603	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	15.039	165	289	2.709	ng	Qvalue # 10
84) Bis(2-ethylhexyl)phtha...	21.333	149	15732	3.074	ng	# 93

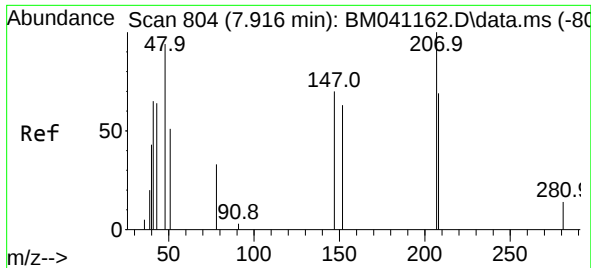
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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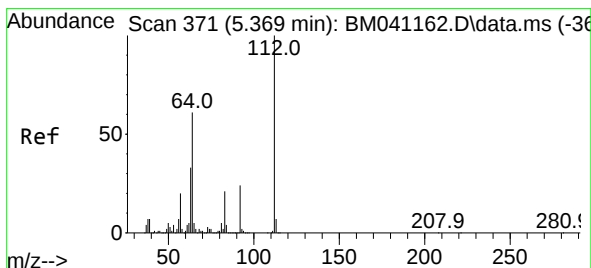
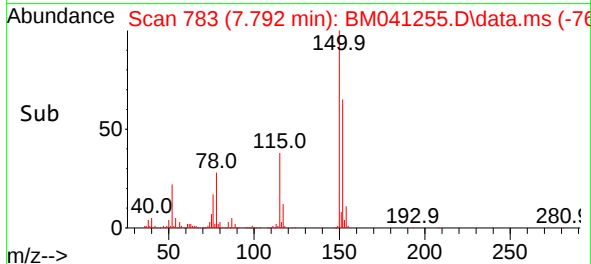
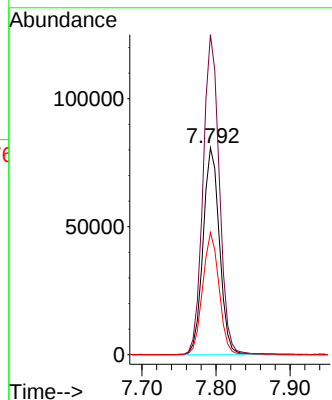
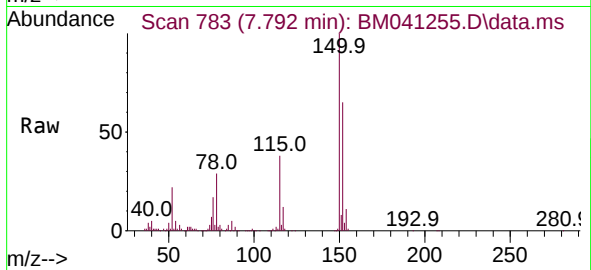




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 783
Delta R.T. -0.001 min
Lab File: BM041255.D
Acq: 03 Aug 2023 10:11

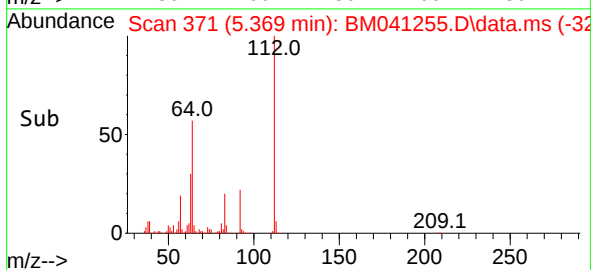
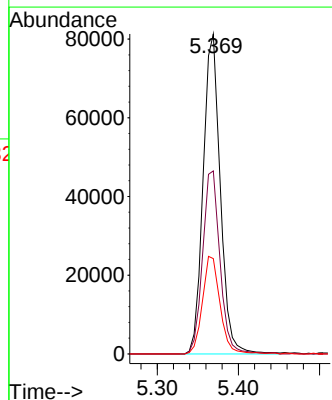
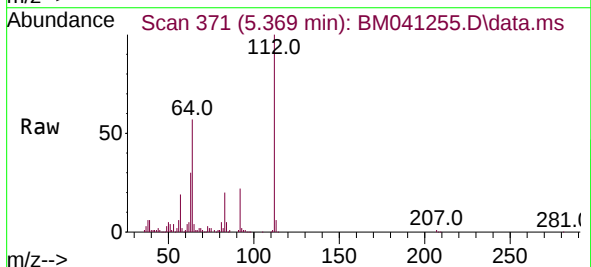
Instrument :
BNA_M
ClientSampleId :
PB154308BL

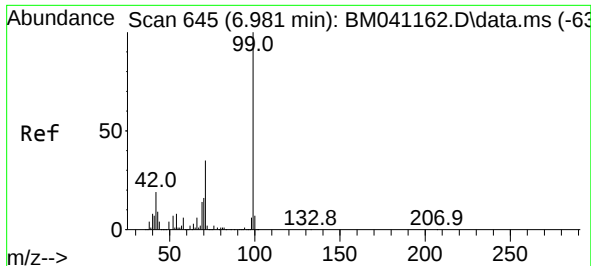
Tgt Ion:152 Resp: 124407
Ion Ratio Lower Upper
152 100
150 154.8 125.5 188.3
115 59.1 48.0 72.0



#5
2-Fluorophenol
Concen: 14.355 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041255.D
Acq: 03 Aug 2023 10:11

Tgt Ion:112 Resp: 119490
Ion Ratio Lower Upper
112 100
64 57.2 48.5 72.7
63 29.8 26.5 39.7

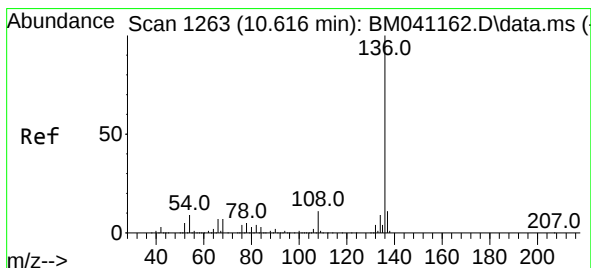
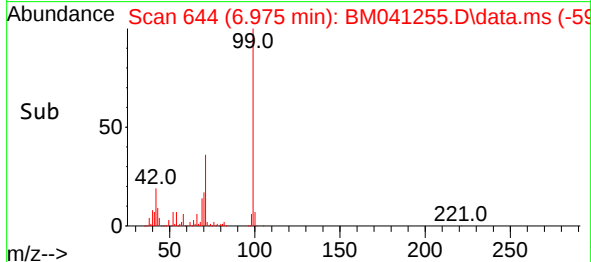
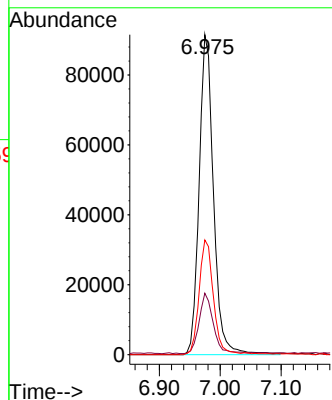
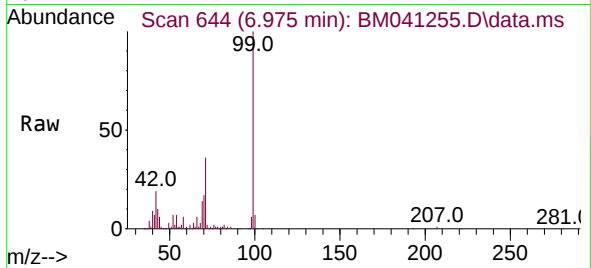




#7
Phenol-d6
Concen: 13.884 ng
RT: 6.975 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041255.D
Acq: 03 Aug 2023 10:11

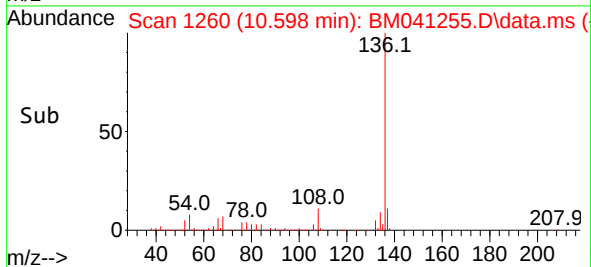
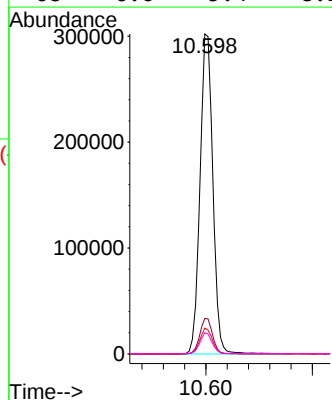
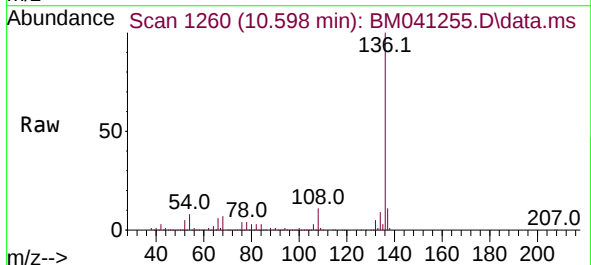
Instrument :
BNA_M
ClientSampleId :
PB154308BL

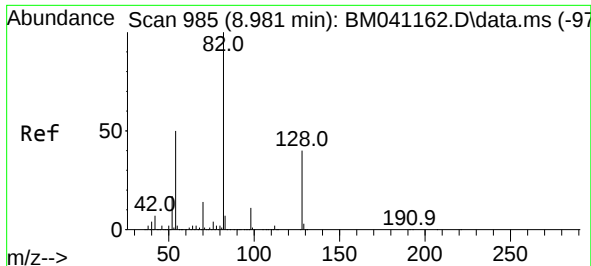
Tgt Ion: 99 Resp: 149805
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.0
71 35.8 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BM041255.D
Acq: 03 Aug 2023 10:11

Tgt Ion: 136 Resp: 504328
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.1 6.9 10.3
68 6.6 5.4 8.2

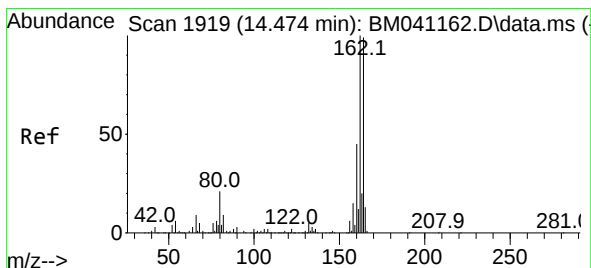
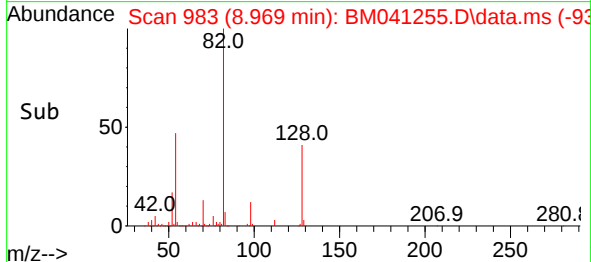
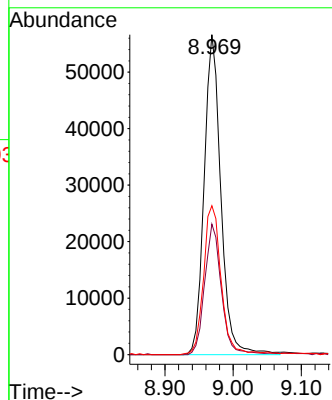
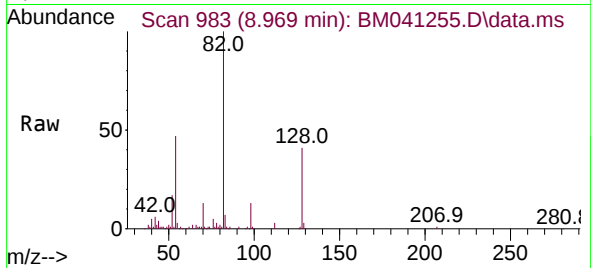




#23
Nitrobenzene-d5
Concen: 8.919 ng
RT: 8.969 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM041255.D
Acq: 03 Aug 2023 10:11

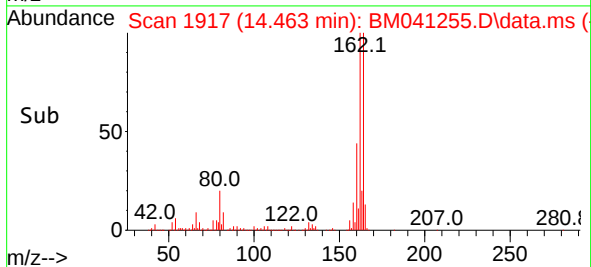
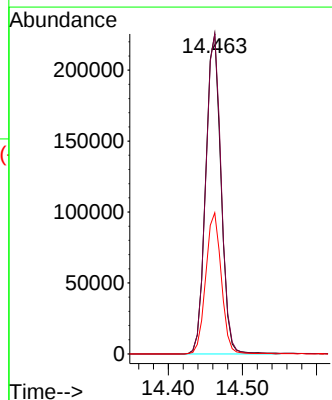
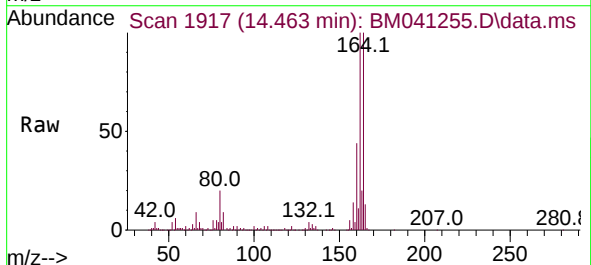
Instrument :
BNA_M
ClientSampleId :
PB154308BL

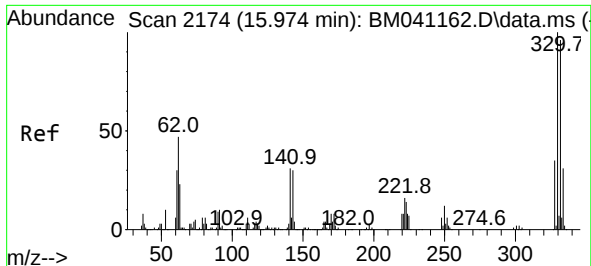
Tgt Ion: 82 Resp: 96724
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.6
54 46.5 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041255.D
Acq: 03 Aug 2023 10:11

Tgt Ion: 164 Resp: 322161
Ion Ratio Lower Upper
164 100
162 100.0 80.4 120.6
160 44.1 36.2 54.2

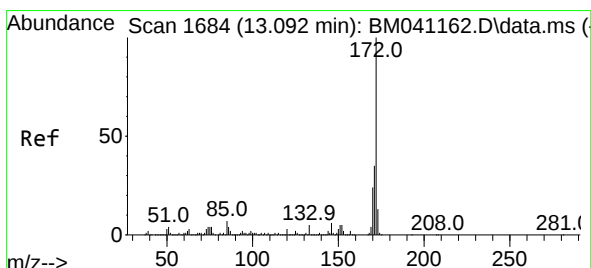
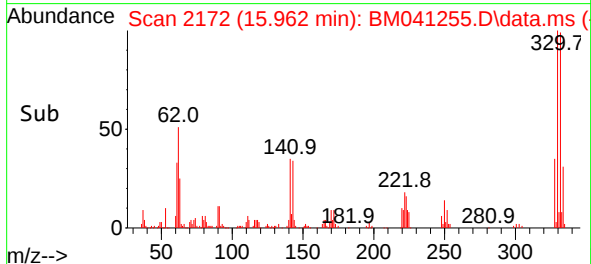
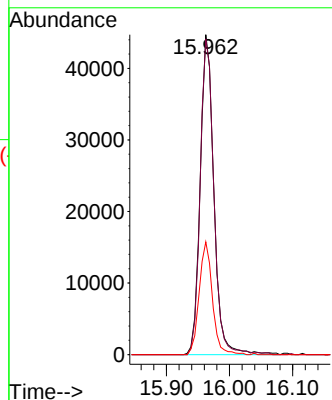
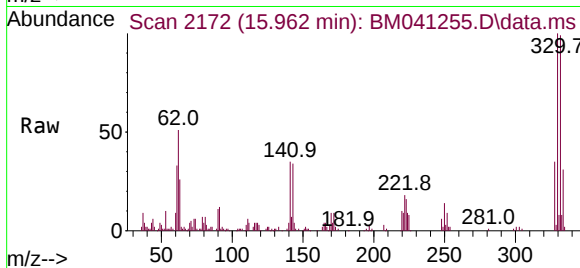




#42
2,4,6-Tribromophenol
Concen: 14.777 ng
RT: 15.962 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041255.D
Acq: 03 Aug 2023 10:11

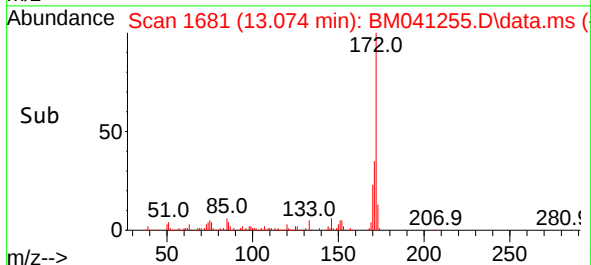
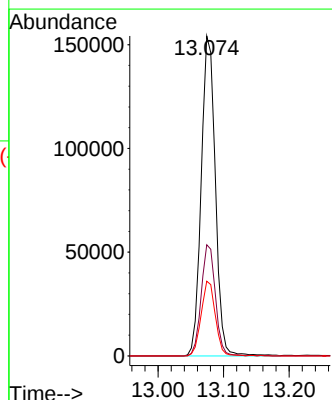
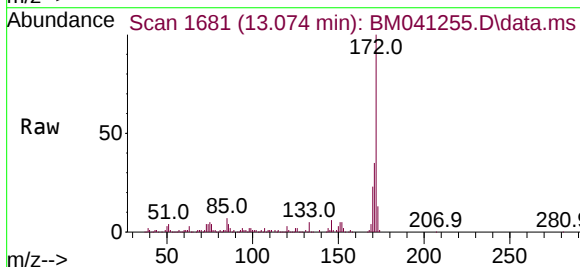
Instrument :
BNA_M
ClientSampleId :
PB154308BL

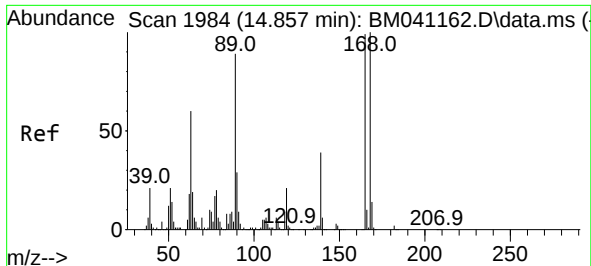
Tgt Ion:330 Resp: 67335
Ion Ratio Lower Upper
330 100
332 98.6 77.7 116.5
141 34.0 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 9.025 ng
RT: 13.074 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM041255.D
Acq: 03 Aug 2023 10:11

Tgt Ion:172 Resp: 230173
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.3 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 2.709 ng

RT: 15.039 min Scan# 20

Delta R.T. 0.182 min

Lab File: BM041255.D

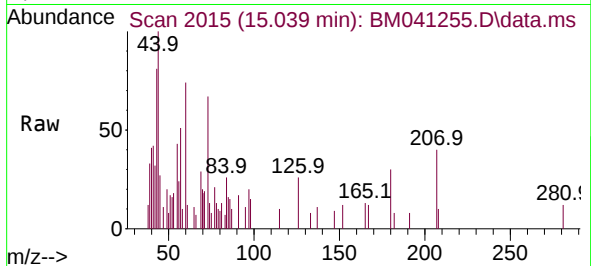
Acq: 03 Aug 2023 10:11

Instrument :

BNA_M

ClientSampleId :

PB154308BL



Tgt Ion:165 Resp: 289

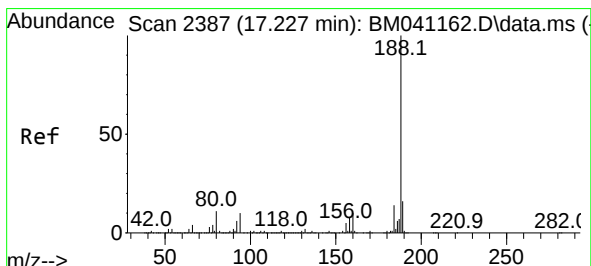
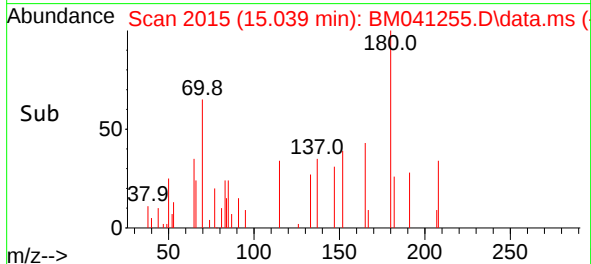
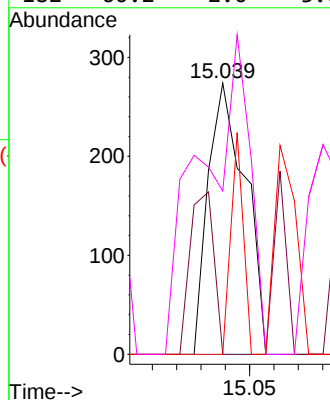
Ion Ratio Lower Upper

165 100

63 0.0 48.3 72.5#

89 0.0 71.8 107.8#

182 60.2 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: BM041255.D

Acq: 03 Aug 2023 10:11

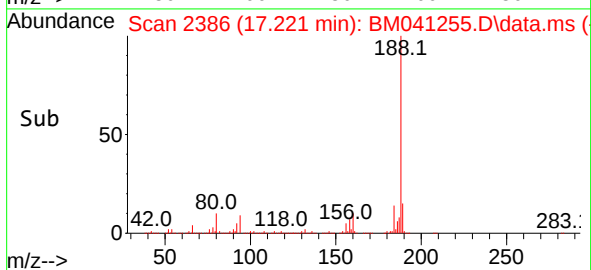
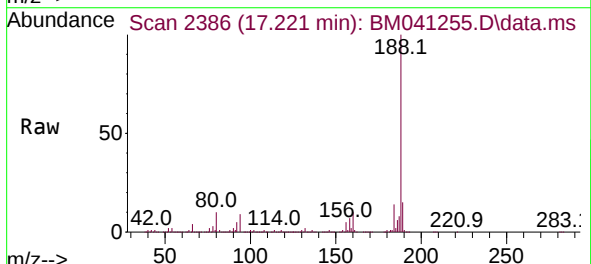
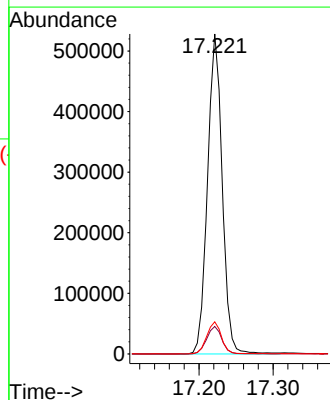
Tgt Ion:188 Resp: 728824

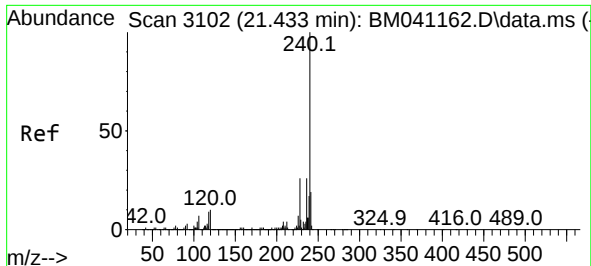
Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

80 10.0 8.6 13.0

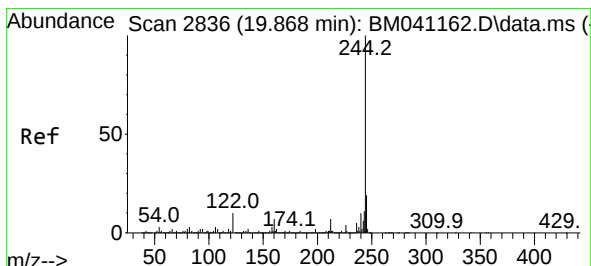
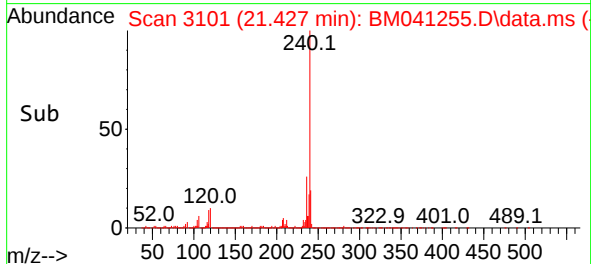
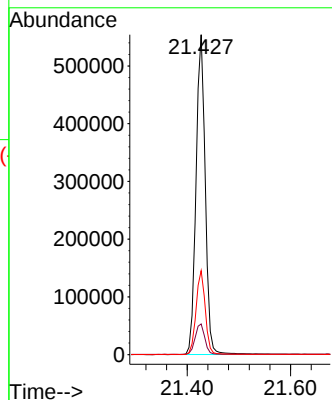
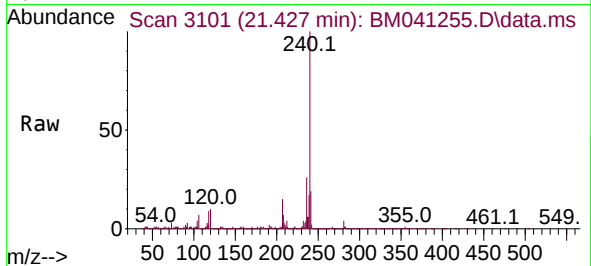




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041255.D
Acq: 03 Aug 2023 10:11

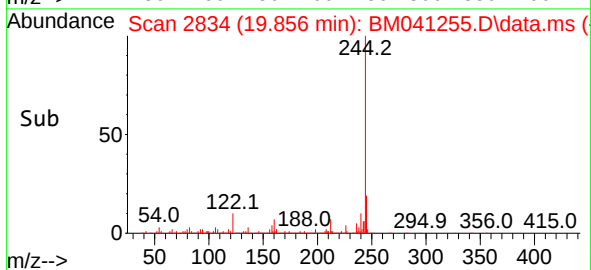
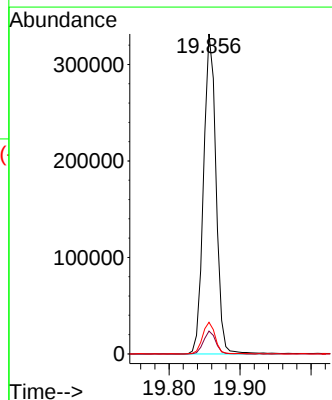
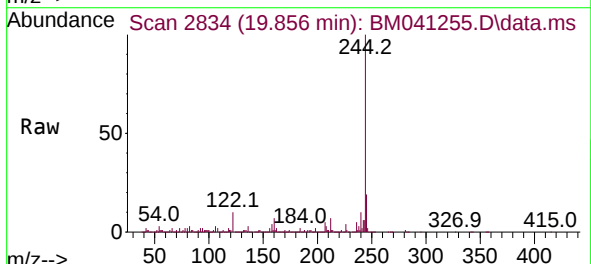
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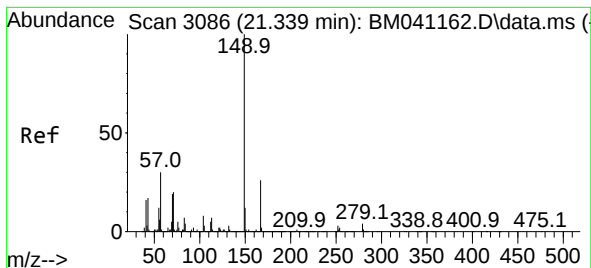
Tgt Ion:240 Resp: 687464
Ion Ratio Lower Upper
240 100
120 9.6 8.3 12.5
236 26.2 20.6 30.8



#79
Terphenyl-d14
Concen: 10.603 ng
RT: 19.856 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BM041255.D
Acq: 03 Aug 2023 10:11

Tgt Ion:244 Resp: 403142
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.9 7.8 11.6

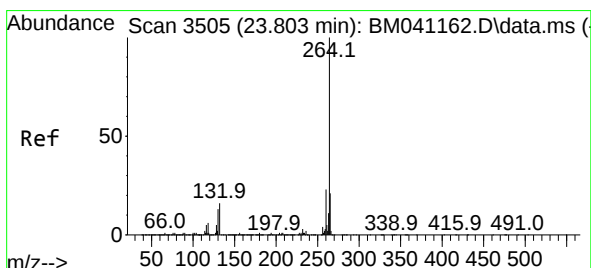
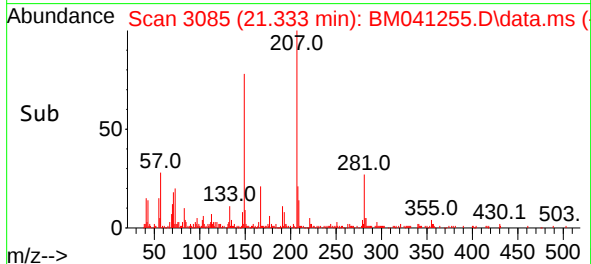
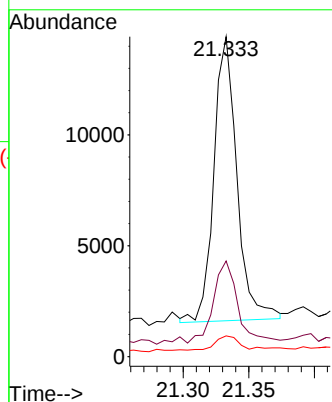
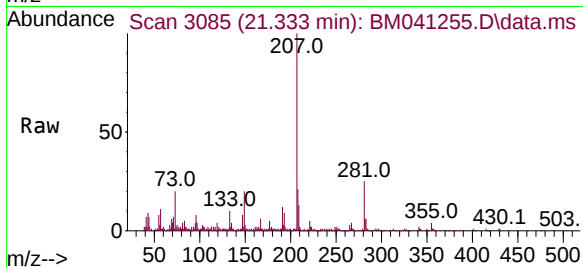




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.074 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM041255.D
Acq: 03 Aug 2023 10:11

Instrument :
BNA_M
ClientSampleId :
PB154308BL

Tgt Ion:149 Resp: 15732
Ion Ratio Lower Upper
149 100
167 29.9 21.0 31.6
279 6.5 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM041255.D
Acq: 03 Aug 2023 10:11

Tgt Ion:264 Resp: 748953
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 21.8 17.4 26.0

