

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041304.D
 Acq On : 07 Aug 2023 09:57
 Operator : MA/JU
 Sample : PB154530BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154530BL

Quant Time: Aug 07 17:26:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

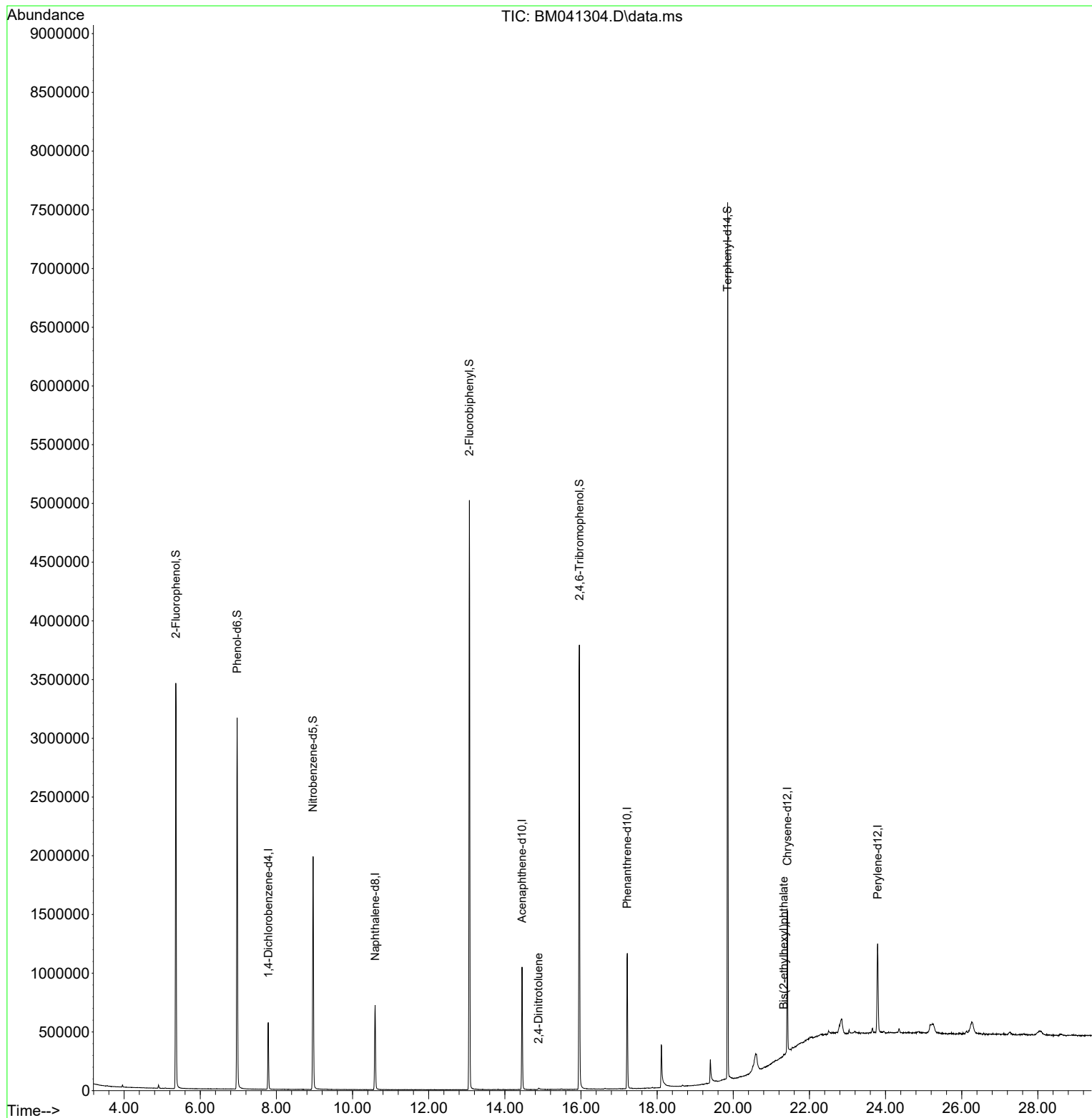
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	148621	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	580919	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	344529	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	701512	20.000	ng	0.00
76) Chrysene-d12	21.421	240	562372	20.000	ng	0.00
86) Perylene-d12	23.791	264	600576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1395300	140.316	ng	0.00
7) Phenol-d6	6.969	99	1716140	133.140	ng	0.00
23) Nitrobenzene-d5	8.963	82	1111897	89.011	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	715000	146.721	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2469716	90.554	ng	0.00
79) Terphenyl-d14	19.851	244	3497060	112.432	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.886	165	54	2.677	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.327	149	6856	2.824	ng	# 97

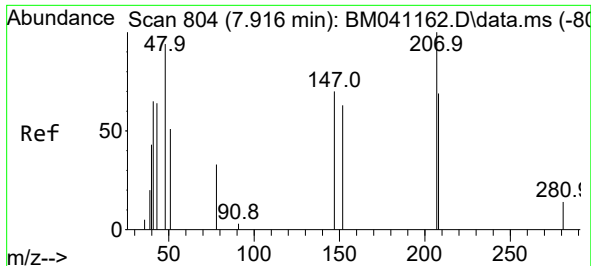
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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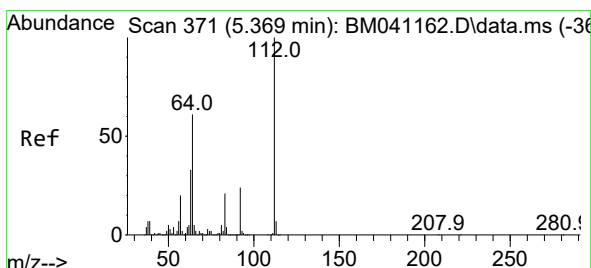
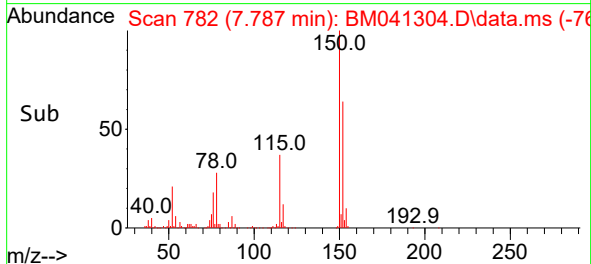
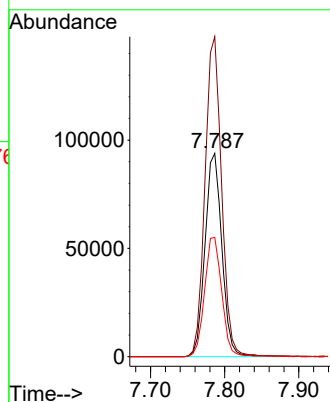
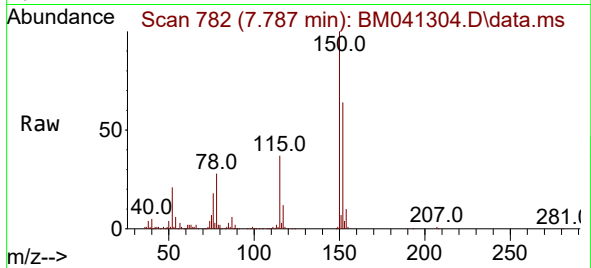




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041304.D
Acq: 07 Aug 2023 09:57

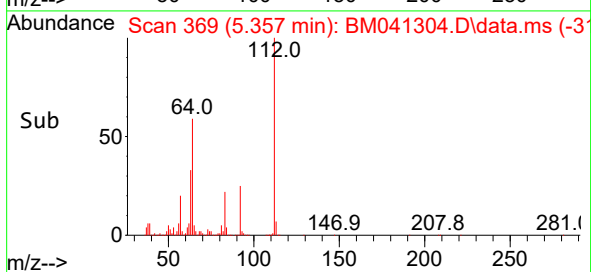
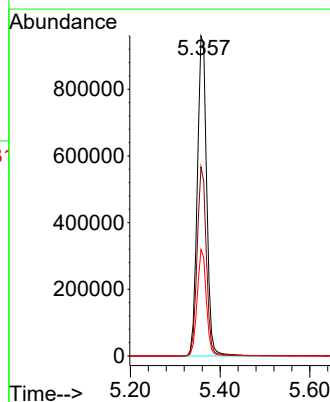
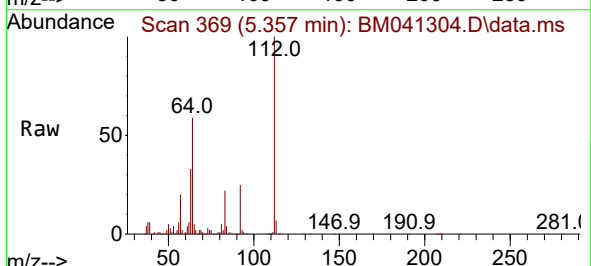
Instrument :
BNA_M
ClientSampleId :
PB154530BL

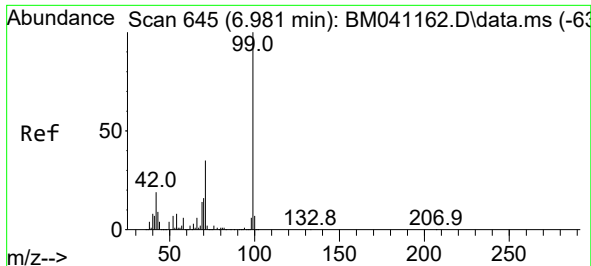
Tgt Ion:152 Resp: 148621
Ion Ratio Lower Upper
152 100
150 157.3 125.5 188.3
115 58.7 48.0 72.0



#5
2-Fluorophenol
Concen: 140.316 ng
RT: 5.357 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM041304.D
Acq: 07 Aug 2023 09:57

Tgt Ion:112 Resp: 1395300
Ion Ratio Lower Upper
112 100
64 59.0 48.5 72.7
63 33.2 26.5 39.7

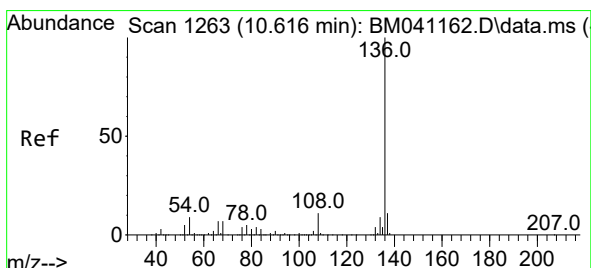
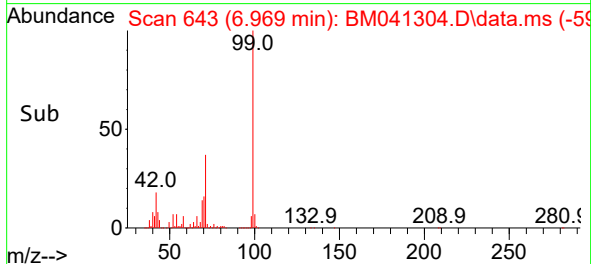
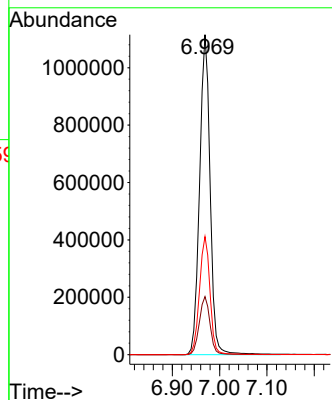
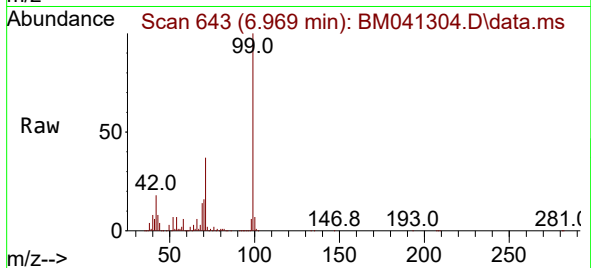




#7
Phenol-d6
Concen: 133.140 ng
RT: 6.969 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM041304.D
Acq: 07 Aug 2023 09:57

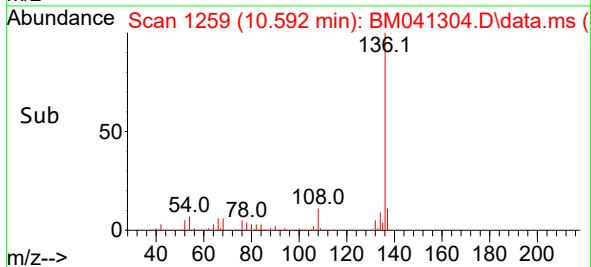
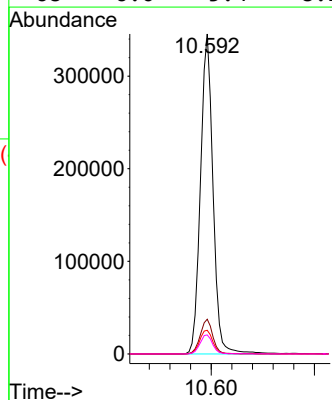
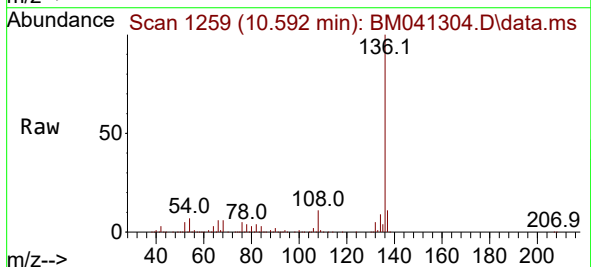
Instrument :
BNA_M
ClientSampleId :
PB154530BL

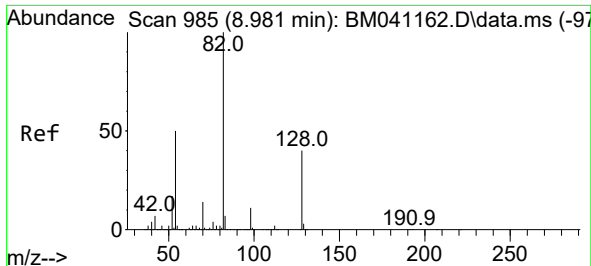
Tgt Ion: 99 Resp: 1716140
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 36.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BM041304.D
Acq: 07 Aug 2023 09:57

Tgt Ion:136 Resp: 580919
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 6.9 10.3
68 6.0 5.4 8.2

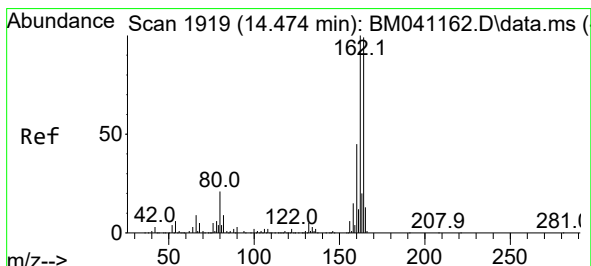
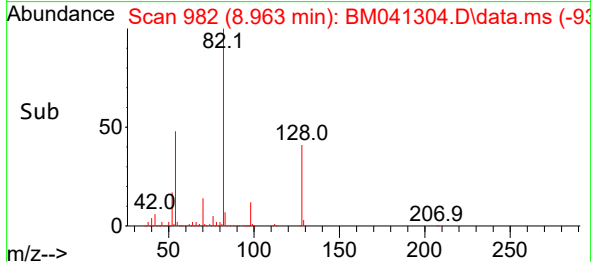
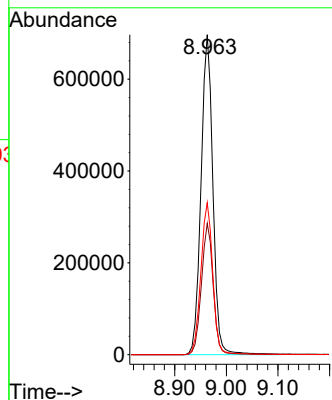
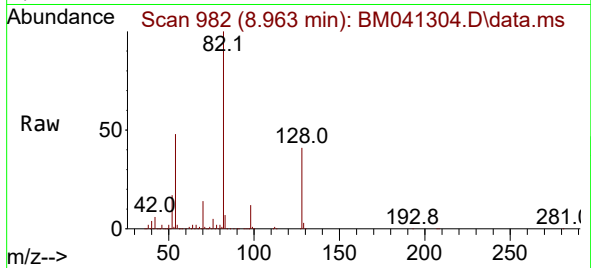




#23
Nitrobenzene-d5
Concen: 89.011 ng
RT: 8.963 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041304.D
Acq: 07 Aug 2023 09:57

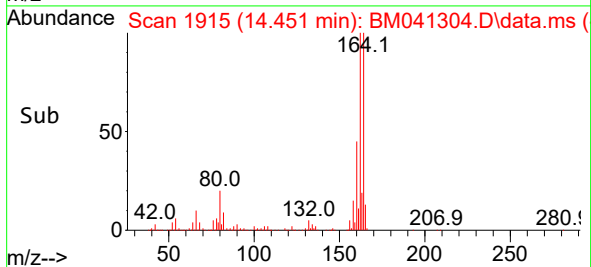
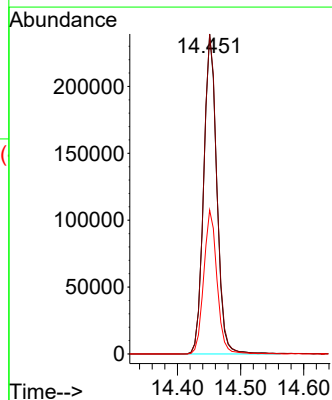
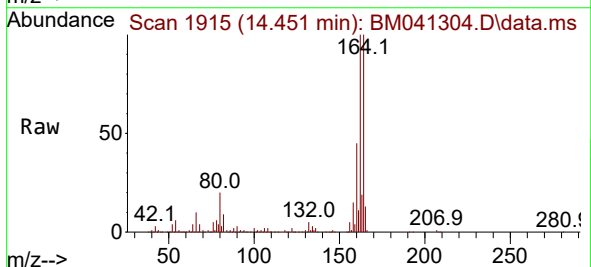
Instrument :
BNA_M
ClientSampleId :
PB154530BL

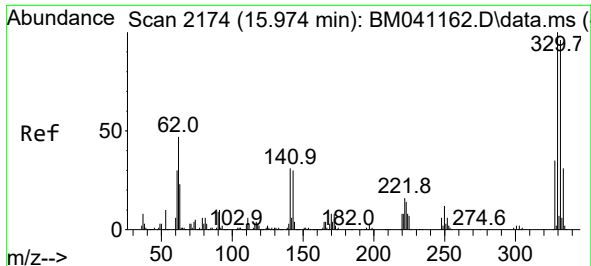
Tgt Ion: 82 Resp: 1111897
Ion Ratio Lower Upper
82 100
128 41.0 31.8 47.6
54 47.5 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BM041304.D
Acq: 07 Aug 2023 09:57

Tgt Ion: 164 Resp: 344529
Ion Ratio Lower Upper
164 100
162 99.9 80.4 120.6
160 44.9 36.2 54.2

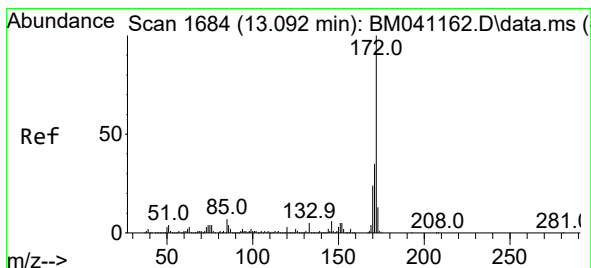
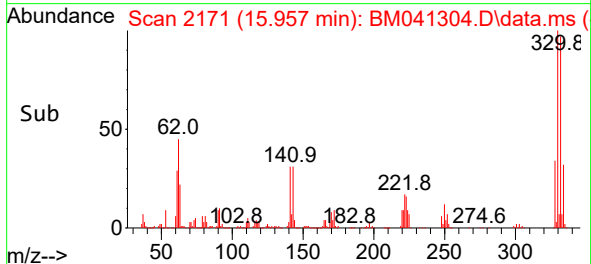
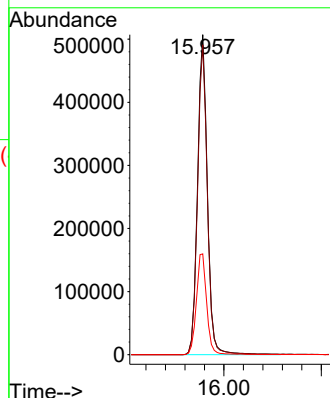
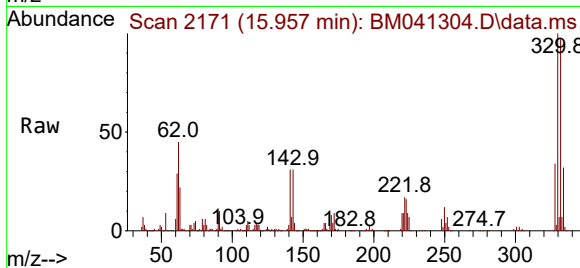




#42
2,4,6-Tribromophenol
Concen: 146.721 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041304.D
Acq: 07 Aug 2023 09:57

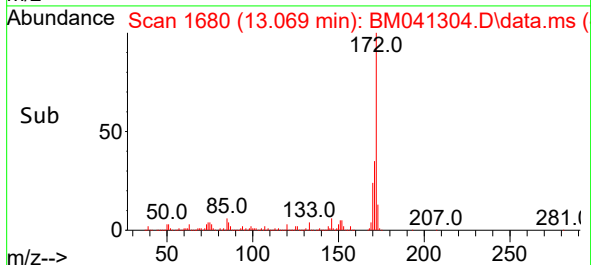
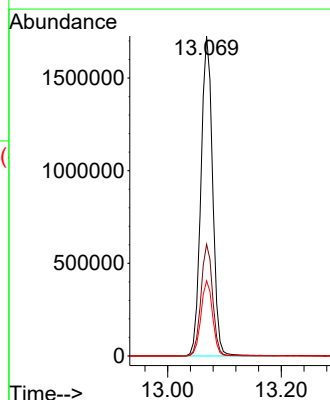
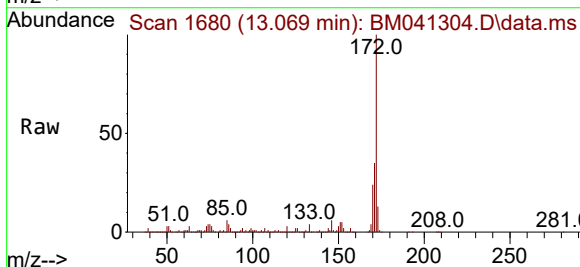
Instrument :
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ClientSampleId :
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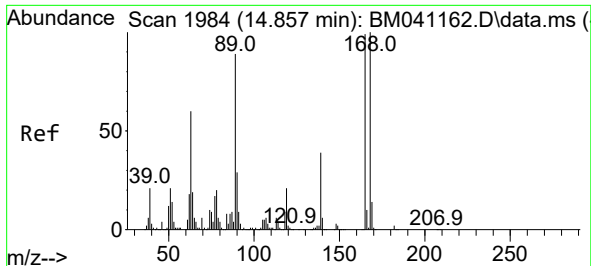
Tgt Ion:330 Resp: 715000
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 33.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 90.554 ng
RT: 13.069 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BM041304.D
Acq: 07 Aug 2023 09:57

Tgt Ion:172 Resp: 2469716
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.5 18.9 28.3

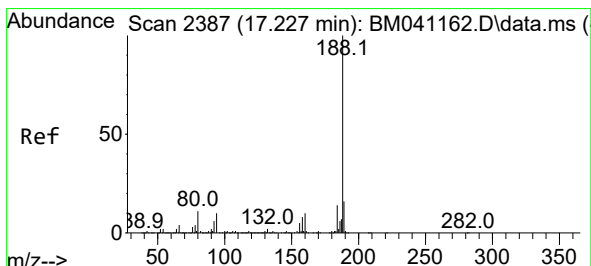
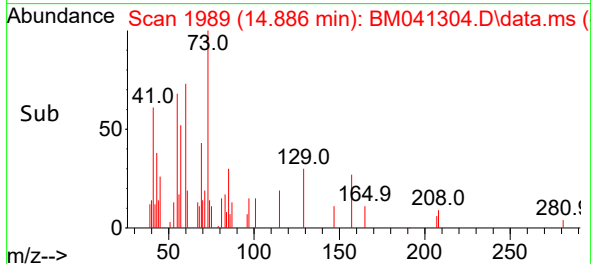
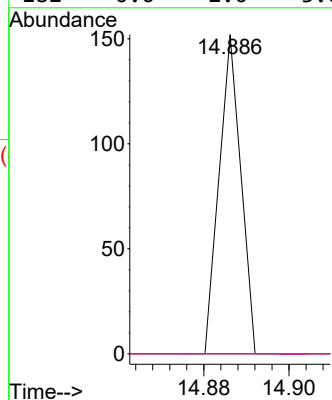
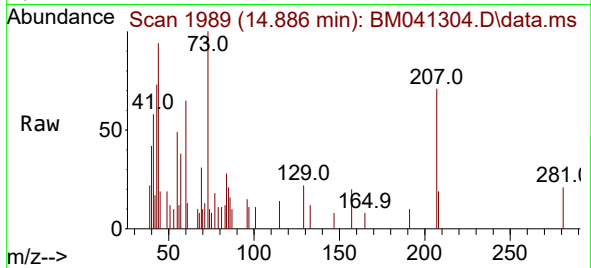




#57
2,4-Dinitrotoluene
Concen: 2.677 ng
RT: 14.886 min Scan# 1989
Delta R.T. 0.035 min
Lab File: BM041304.D
Acq: 07 Aug 2023 09:57

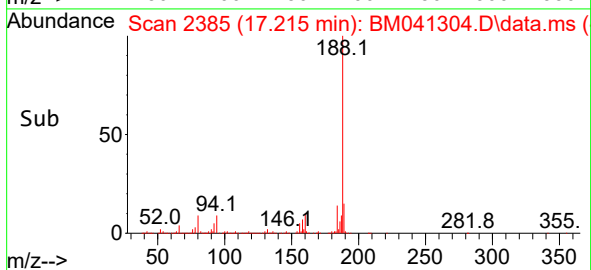
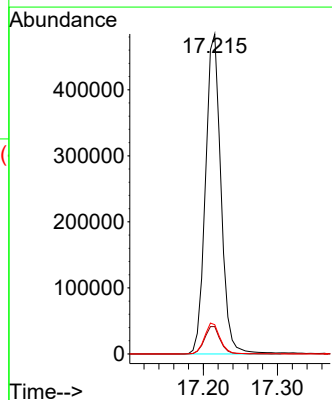
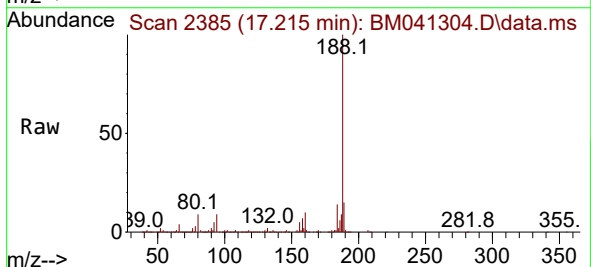
Instrument :
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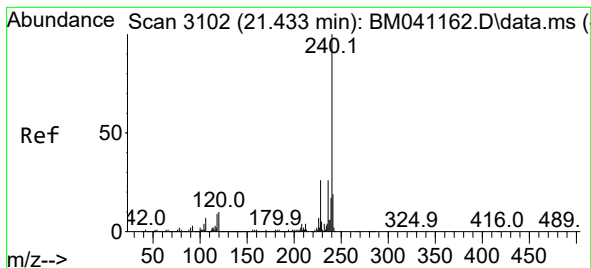
Tgt Ion:165 Resp: 54
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BM041304.D
Acq: 07 Aug 2023 09:57

Tgt Ion:188 Resp: 701512
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.2 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041304.D

Acq: 07 Aug 2023 09:57

Instrument :

BNA_M

ClientSampleId :

PB154530BL

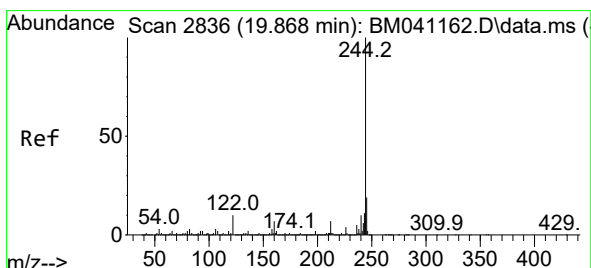
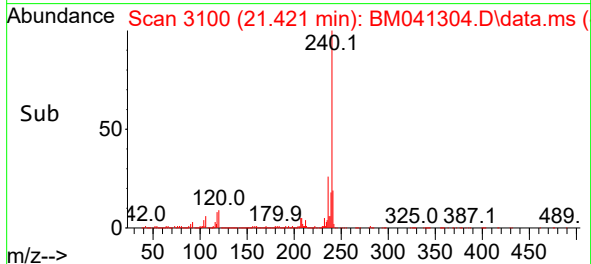
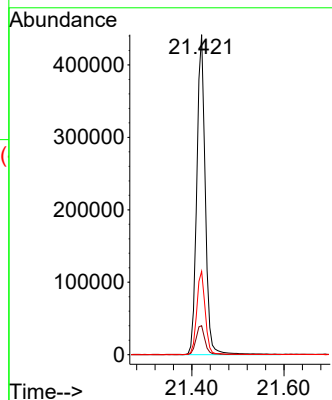
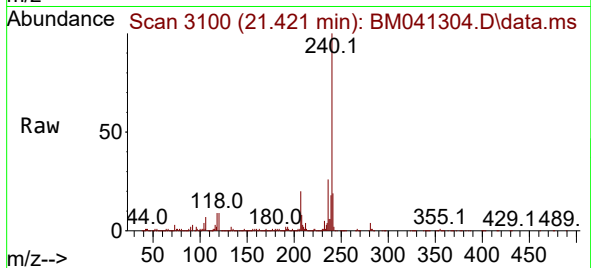
Tgt Ion:240 Resp: 562372

Ion Ratio Lower Upper

240 100

120 9.0 8.3 12.5

236 26.1 20.6 30.8



#79

Terphenyl-d14

Concen: 112.432 ng

RT: 19.851 min Scan# 2833

Delta R.T. 0.000 min

Lab File: BM041304.D

Acq: 07 Aug 2023 09:57

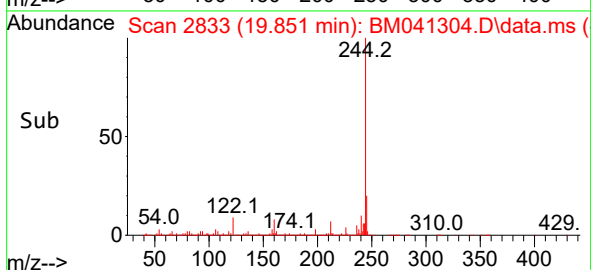
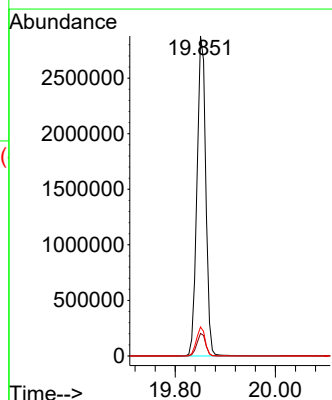
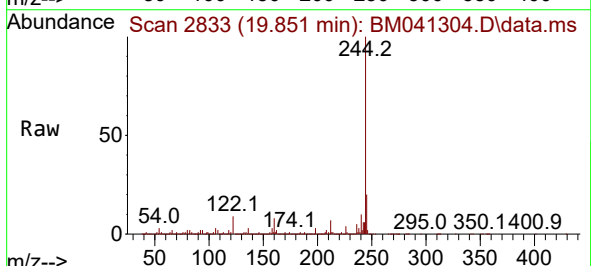
Tgt Ion:244 Resp: 3497060

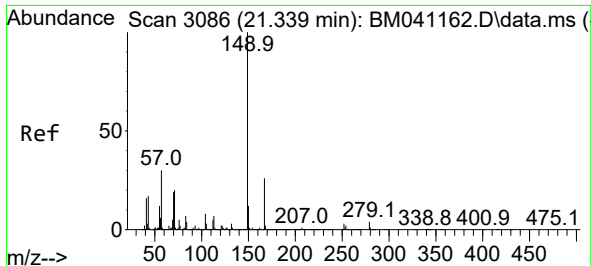
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 9.1 7.8 11.6

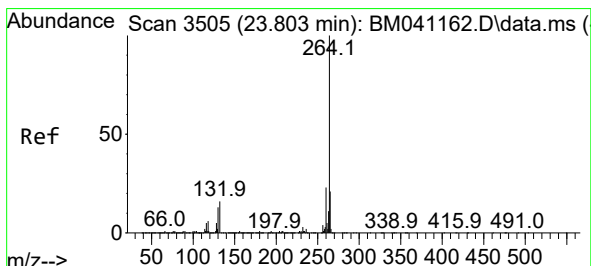
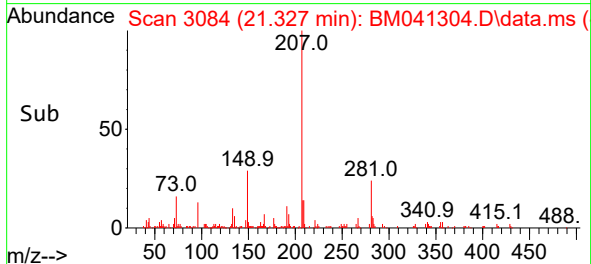
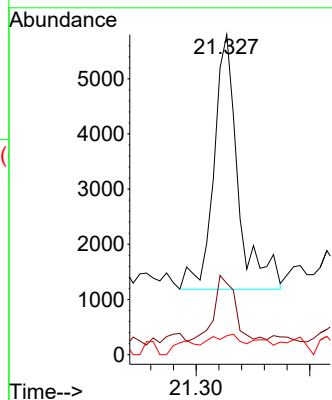
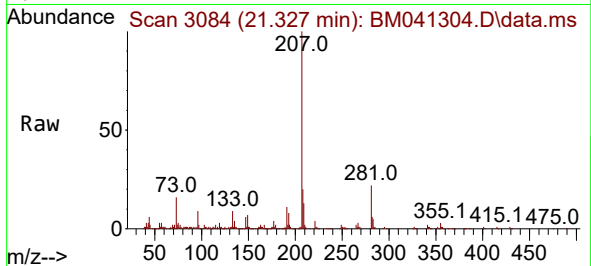




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.824 ng
RT: 21.327 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BM041304.D
Acq: 07 Aug 2023 09:57

Instrument :
BNA_M
ClientSampleId :
PB154530BL

Tgt Ion:149 Resp: 6856
Ion Ratio Lower Upper
149 100
167 24.9 21.0 31.6
279 5.9 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.791 min Scan# 3503
Delta R.T. 0.006 min
Lab File: BM041304.D
Acq: 07 Aug 2023 09:57

Tgt Ion:264 Resp: 600576
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 22.2 17.4 26.0

