

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041364.D
 Acq On : 10 Aug 2023 15:55
 Operator : MA/JU
 Sample : 03955-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-27

Quant Time: Aug 11 03:33:35 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)

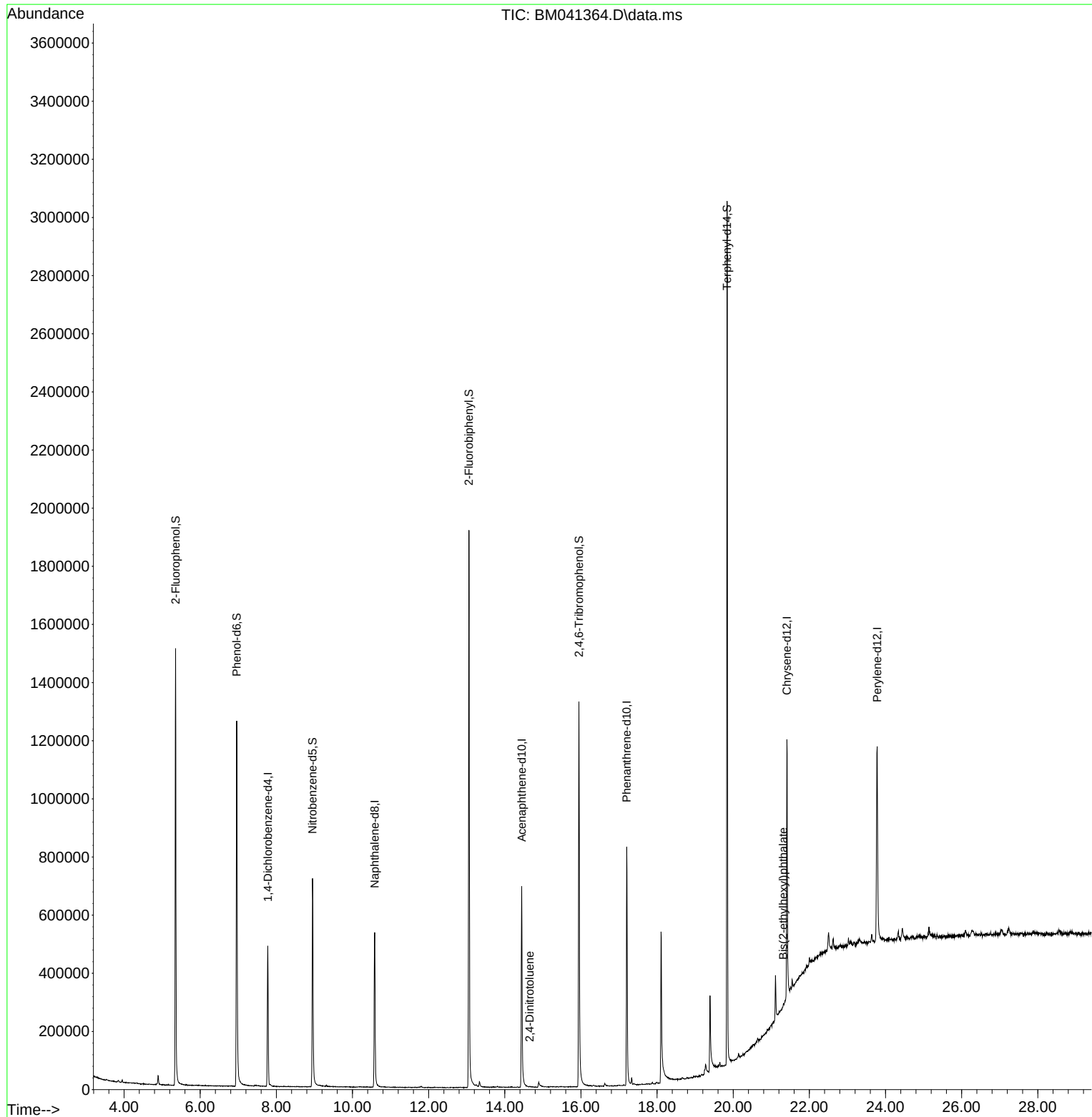
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	125985	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	466512	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	275343	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	539181	20.000	ng	0.00
76) Chrysene-d12	21.409	240	487904	20.000	ng	0.00
86) Perylene-d12	23.780	264	602459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	624522	74.088	ng	0.00
7) Phenol-d6	6.957	99	740420	67.763	ng	-0.01
23) Nitrobenzene-d5	8.951	82	457860	45.642	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	288863	74.170	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1040524	47.738	ng	0.00
79) Terphenyl-d14	19.839	244	1443762	53.502	ng	-0.01
Target Compounds						
57) 2,4-Dinitrotoluene	14.651	165	55	2.679	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	2491	2.658	ng	# 95

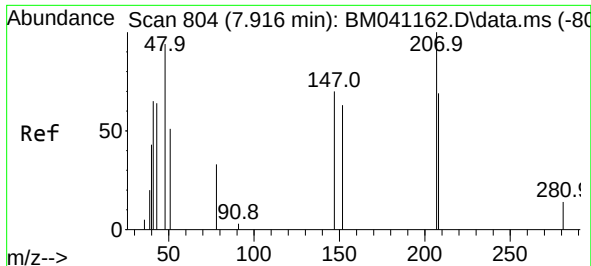
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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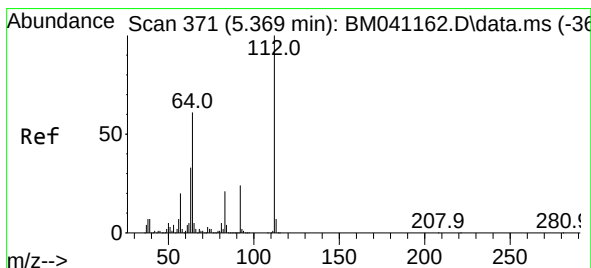
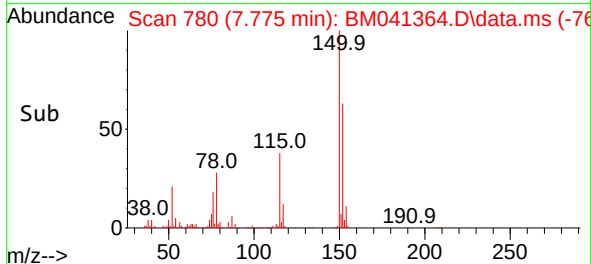
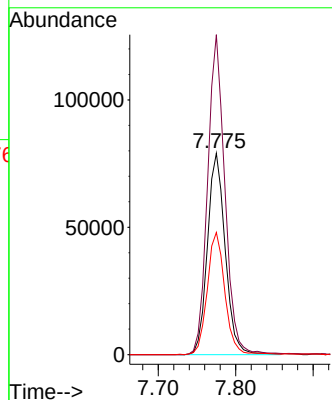
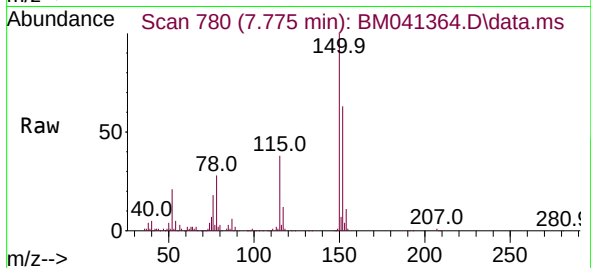




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 78
 Delta R.T. -0.000 min
 Lab File: BM041364.D
 Acq: 10 Aug 2023 15:55

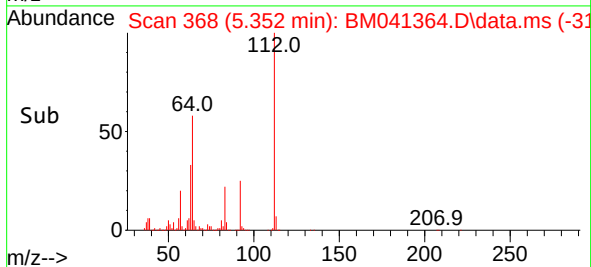
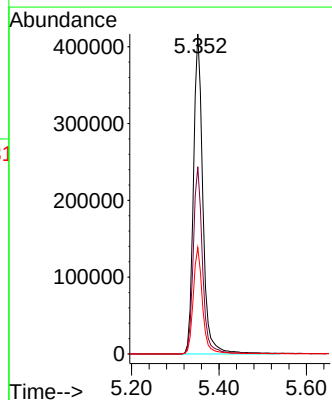
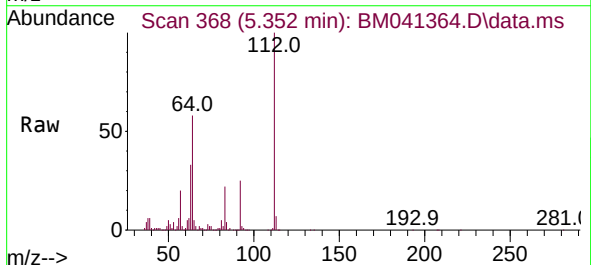
Instrument :
 BNA_M
 ClientSampleId :
 WC-27

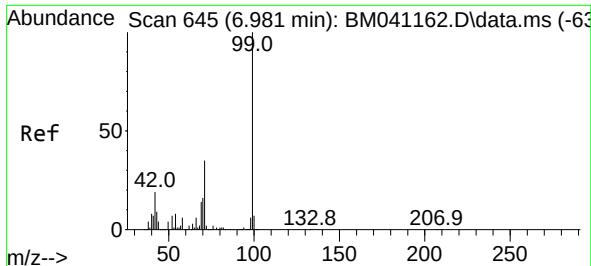
Tgt Ion:152 Resp: 125985
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.5 188.3
 115 60.7 48.0 72.0



#5
 2-Fluorophenol
 Concen: 74.088 ng
 RT: 5.352 min Scan# 368
 Delta R.T. -0.006 min
 Lab File: BM041364.D
 Acq: 10 Aug 2023 15:55

Tgt Ion:112 Resp: 624522
 Ion Ratio Lower Upper
 112 100
 64 58.5 48.5 72.7
 63 33.2 26.5 39.7

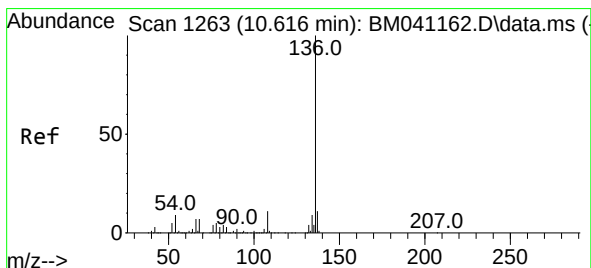
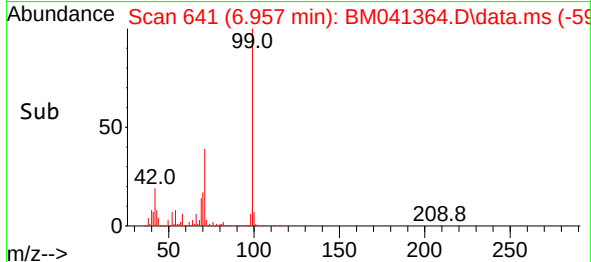
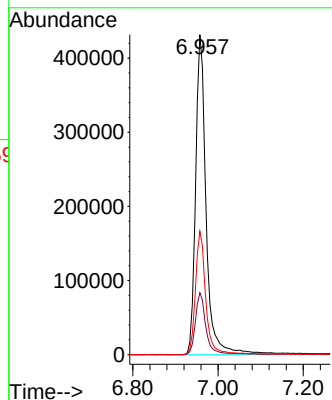
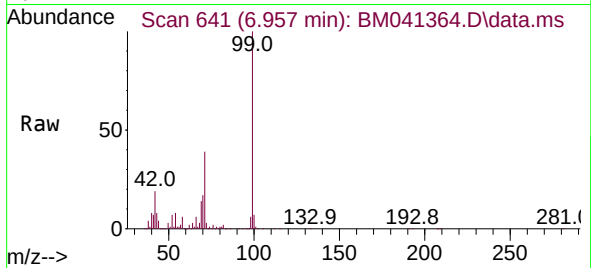




#7
Phenol-d6
Concen: 67.763 ng
RT: 6.957 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM041364.D
Acq: 10 Aug 2023 15:55

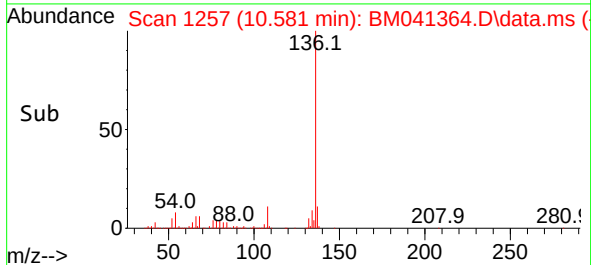
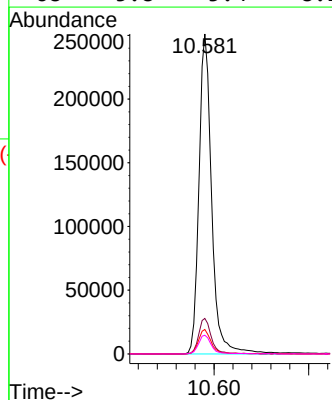
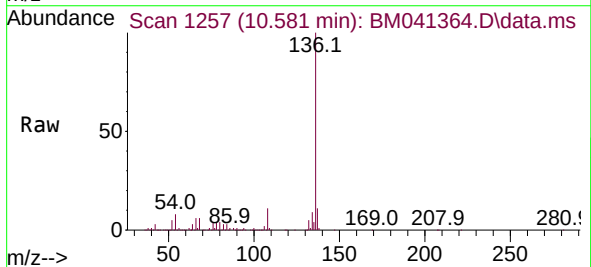
Instrument :
BNA_M
ClientSampleId :
WC-27

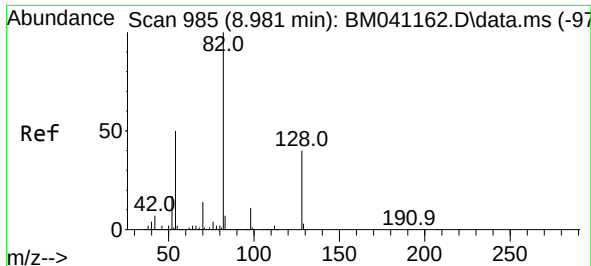
Tgt Ion: 99 Resp: 740420
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 38.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041364.D
Acq: 10 Aug 2023 15:55

Tgt Ion: 136 Resp: 466512
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.6 6.9 10.3
68 5.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 45.642 ng

RT: 8.951 min Scan# 985

Delta R.T. -0.006 min

Lab File: BM041364.D

Acq: 10 Aug 2023 15:55

Instrument :

BNA_M

ClientSampleId :

WC-27

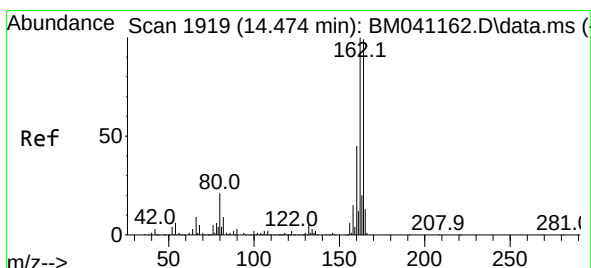
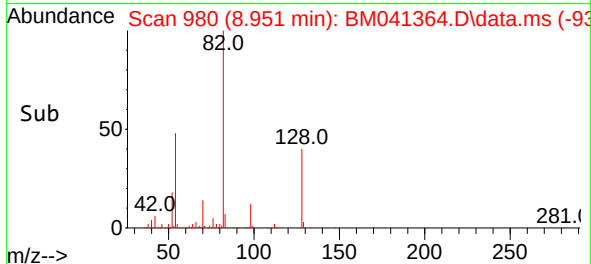
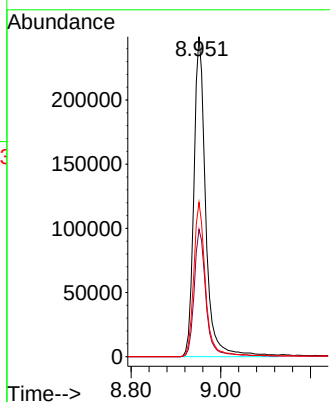
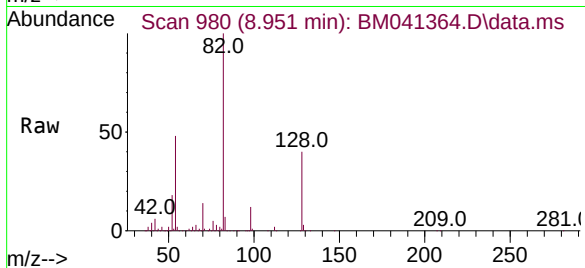
Tgt Ion: 82 Resp: 457860

Ion Ratio Lower Upper

82 100

128 39.8 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: BM041364.D

Acq: 10 Aug 2023 15:55

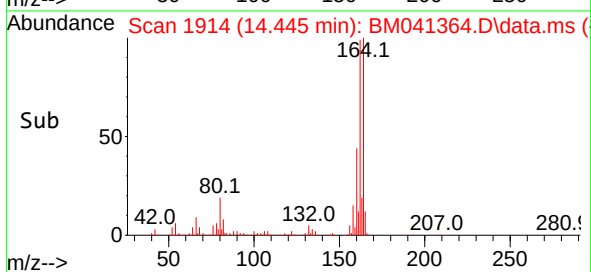
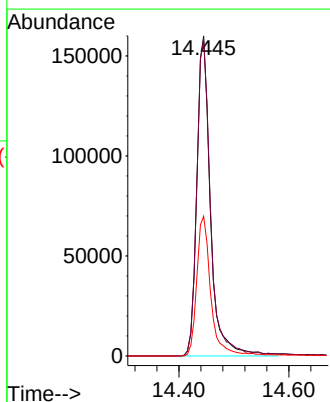
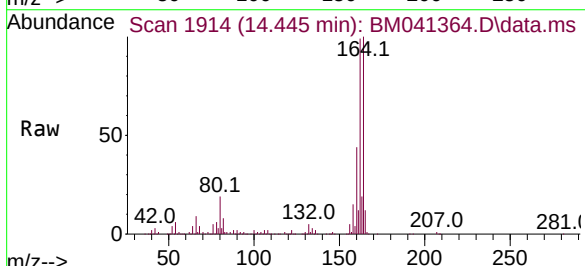
Tgt Ion: 164 Resp: 275343

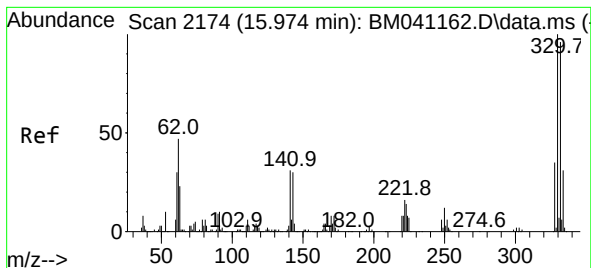
Ion Ratio Lower Upper

164 100

162 98.8 80.4 120.6

160 43.6 36.2 54.2

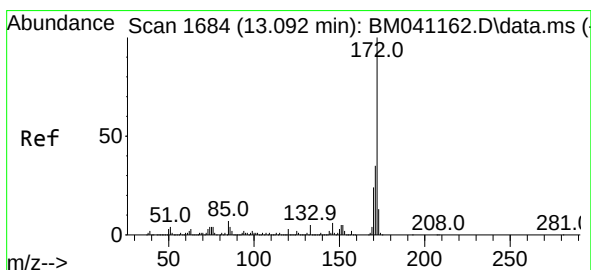
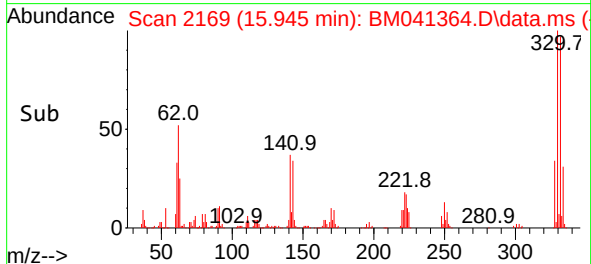
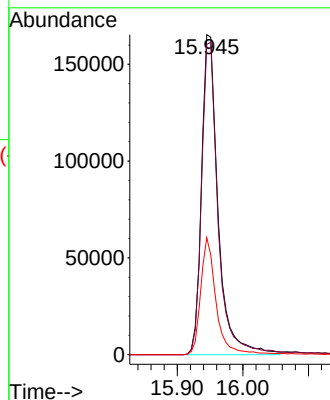
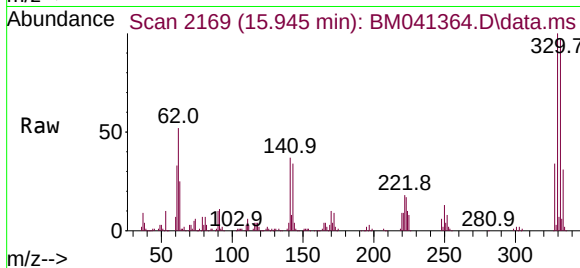




#42
2,4,6-Tribromophenol
Concen: 74.170 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041364.D
Acq: 10 Aug 2023 15:55

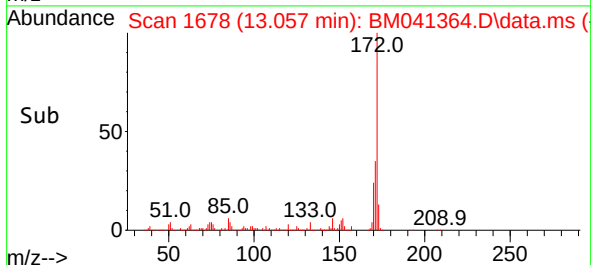
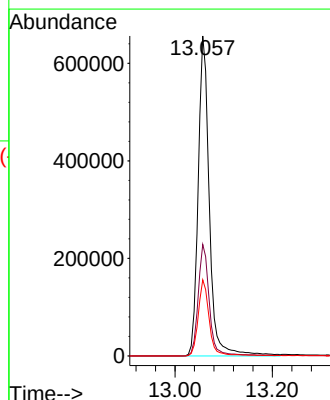
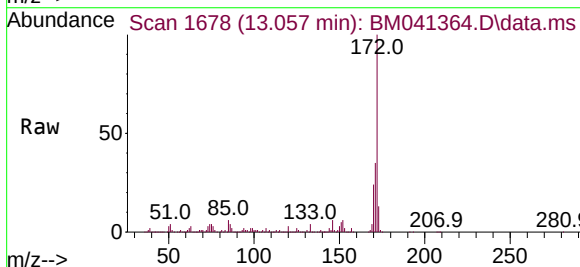
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BNA_M
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WC-27

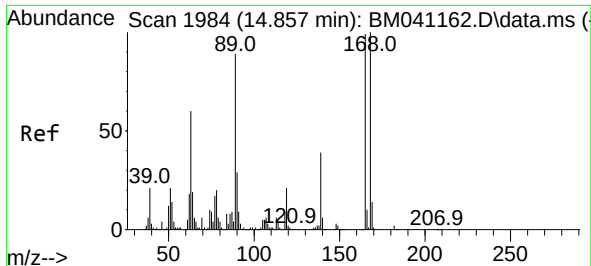
Tgt Ion:330 Resp: 288863
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 34.4 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 47.738 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BM041364.D
Acq: 10 Aug 2023 15:55

Tgt Ion:172 Resp: 1040524
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.8 18.9 28.3

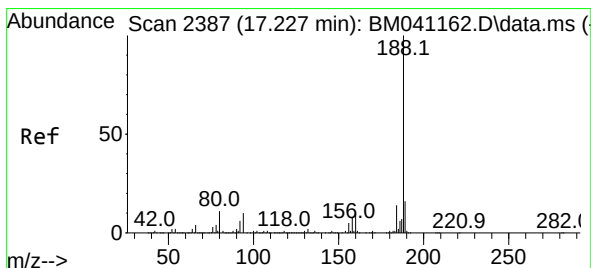
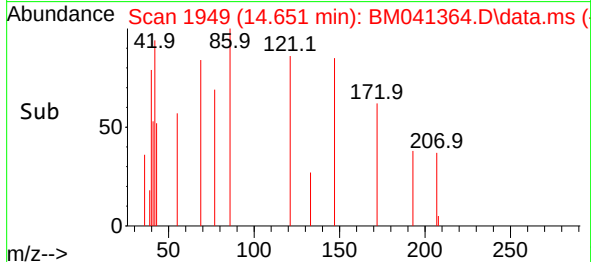
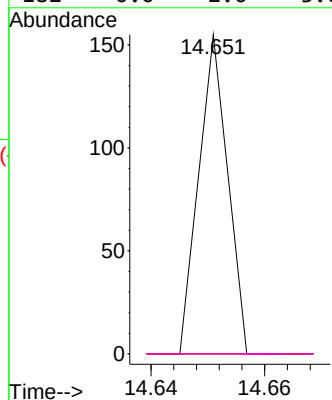
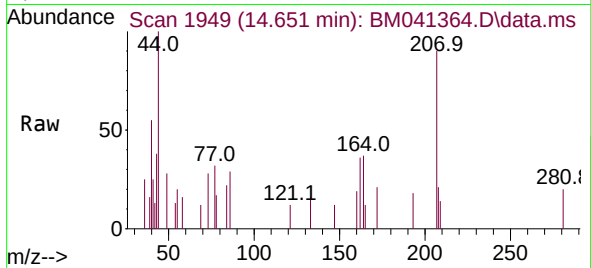




#57
2,4-Dinitrotoluene
Concen: 2.679 ng
RT: 14.651 min Scan# 1984
Delta R.T. -0.194 min
Lab File: BM041364.D
Acq: 10 Aug 2023 15:55

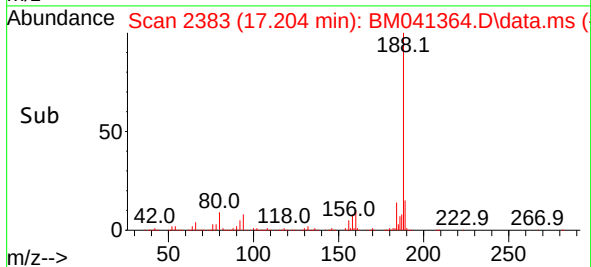
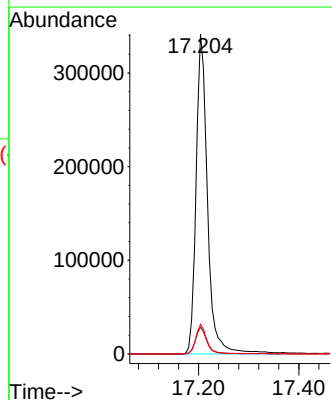
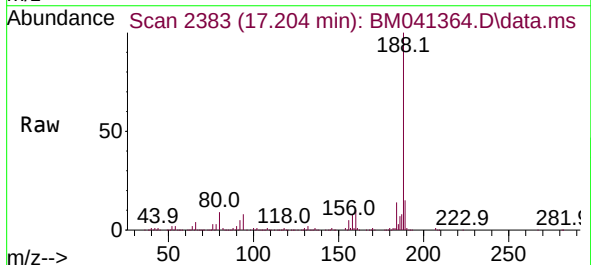
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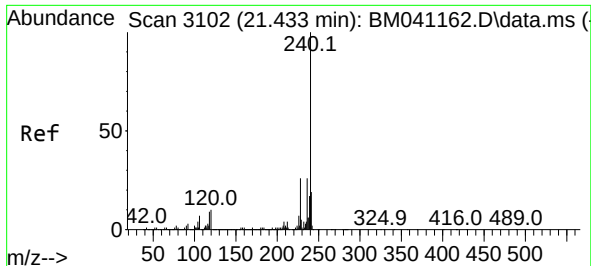
Tgt Ion:165 Resp: 55
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BM041364.D
Acq: 10 Aug 2023 15:55

Tgt Ion:188 Resp: 539181
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.3 8.6 13.0

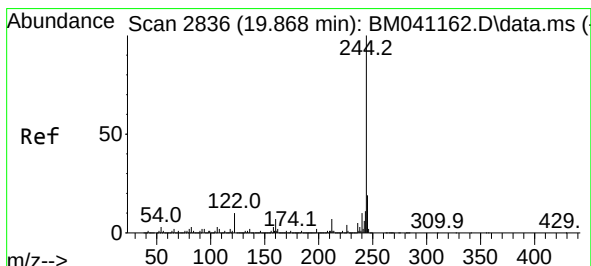
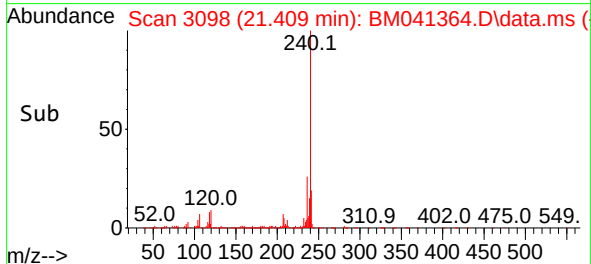
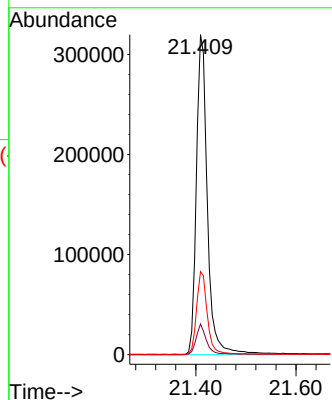
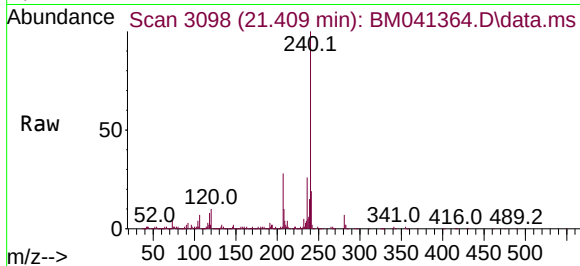




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041364.D
Acq: 10 Aug 2023 15:55

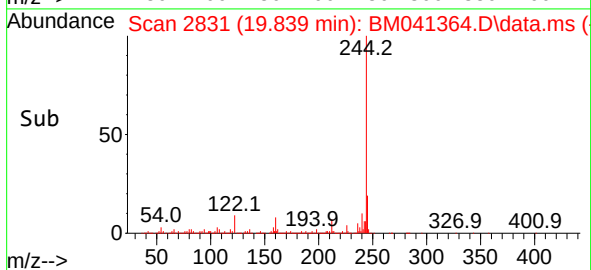
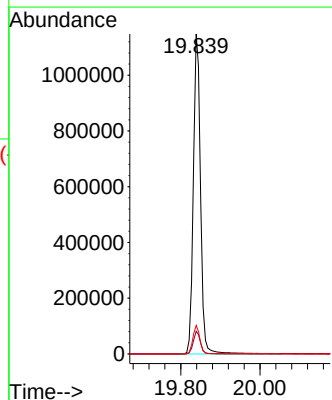
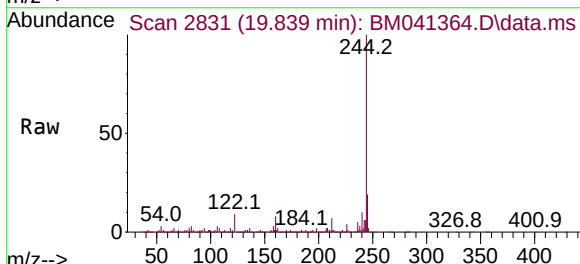
Instrument :
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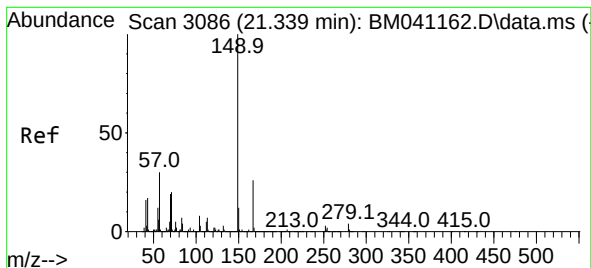
Tgt Ion:240 Resp: 487904
Ion Ratio Lower Upper
240 100
120 9.6 8.3 12.5
236 25.9 20.6 30.8



#79
Terphenyl-d14
Concen: 53.502 ng
RT: 19.839 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BM041364.D
Acq: 10 Aug 2023 15:55

Tgt Ion:244 Resp: 1443762
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 8.9 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.658 ng

RT: 21.315 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041364.D

Acq: 10 Aug 2023 15:55

Instrument :

BNA_M

ClientSampleId :

WC-27

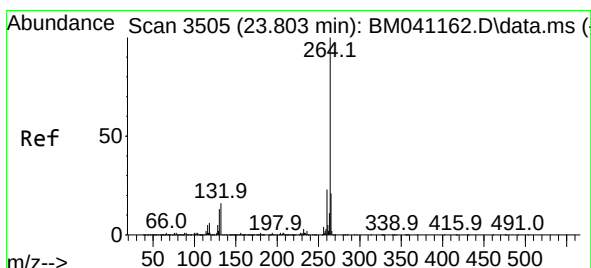
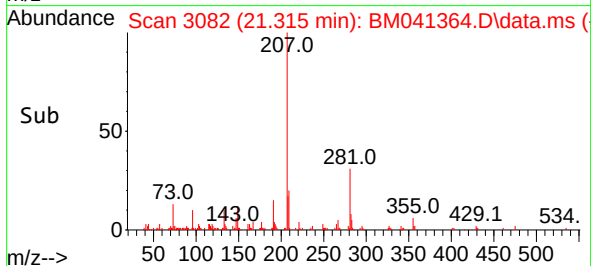
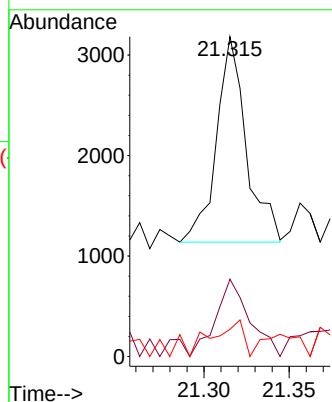
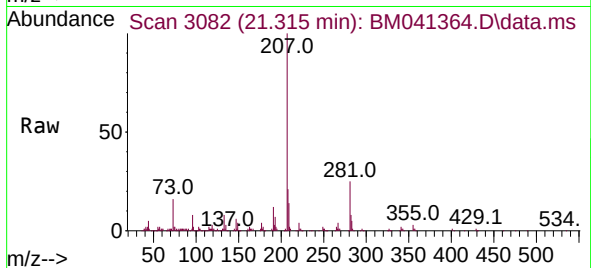
Tgt Ion:149 Resp: 2491

Ion Ratio Lower Upper

149 100

167 24.2 21.0 31.6

279 8.5 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3501

Delta R.T. 0.000 min

Lab File: BM041364.D

Acq: 10 Aug 2023 15:55

Tgt Ion:264 Resp: 602459

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.3 17.4 26.0

