

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041362.D
 Acq On : 10 Aug 2023 14:40
 Operator : MA/JU
 Sample : 03954-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-15

Quant Time: Aug 11 03:32:59 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)

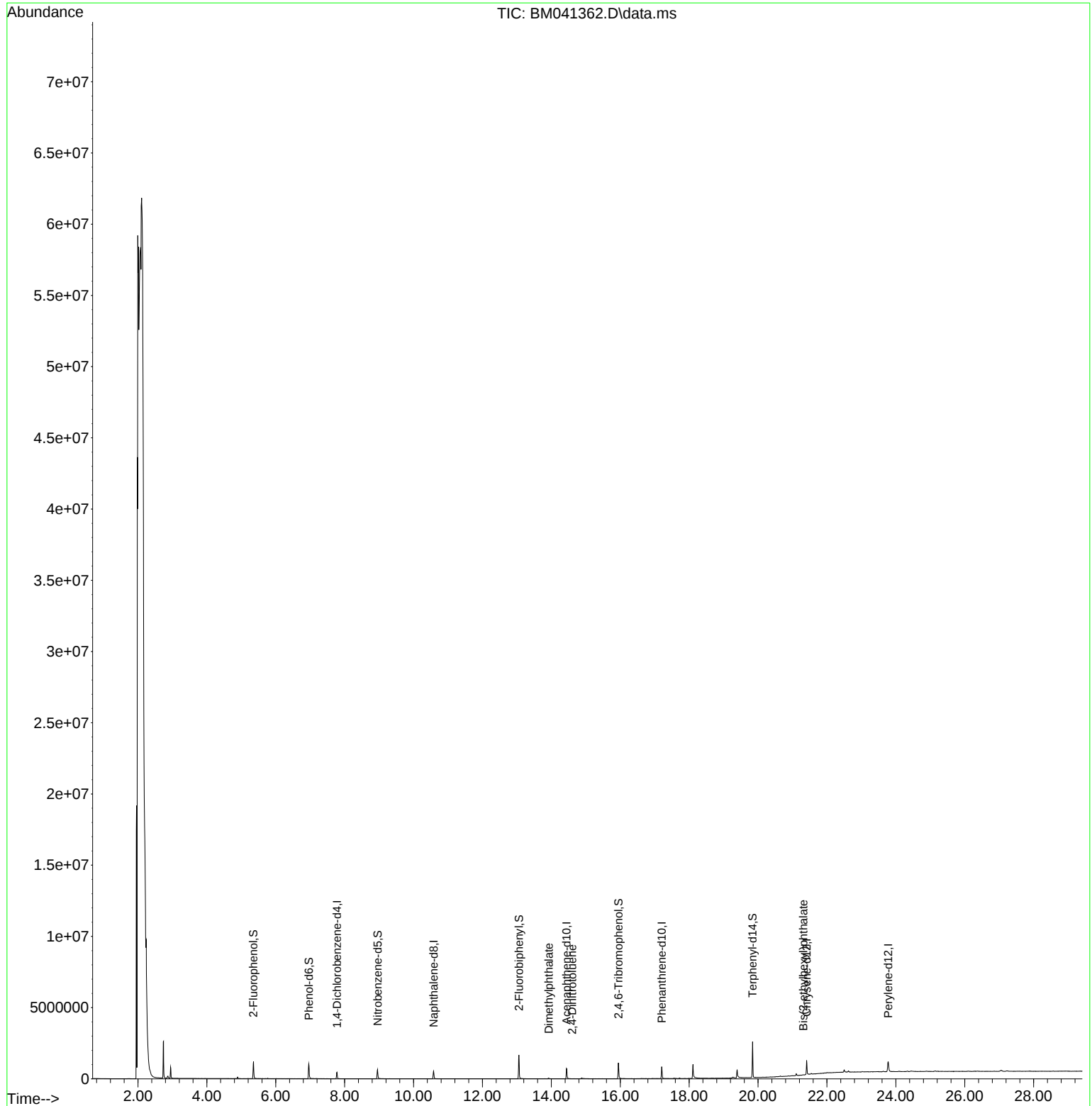
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.776	152	113998	20.000	ng	0.00
21) Naphthalene-d8	10.582	136	438357	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	261572	20.000	ng	0.00
64) Phenanthrene-d10	17.205	188	530867	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	490966	20.000	ng	0.00
86) Perylene-d12	23.775	264	628688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.353	112	475925	62.397	ng	0.00
7) Phenol-d6	6.958	99	582750	58.941	ng	-0.01
23) Nitrobenzene-d5	8.952	82	383300	40.664	ng	0.00
42) 2,4,6-Tribromophenol	15.946	330	220979	59.727	ng	0.00
45) 2-Fluorobiphenyl	13.058	172	858358	41.454	ng	0.00
79) Terphenyl-d14	19.840	244	1173357	43.211	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.923	163	42539	2.162	ng	Qvalue 99
57) 2,4-Dinitrotoluene	14.605	165	55	2.679	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.316	149	4871	2.771	ng	# 96

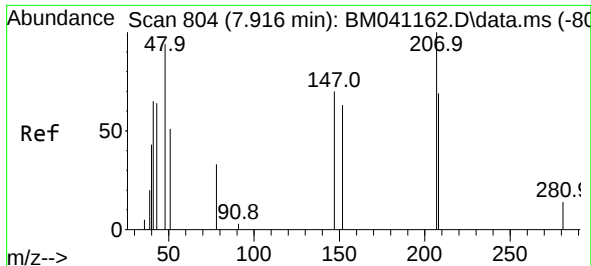
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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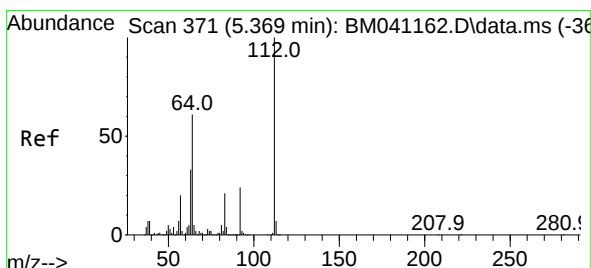
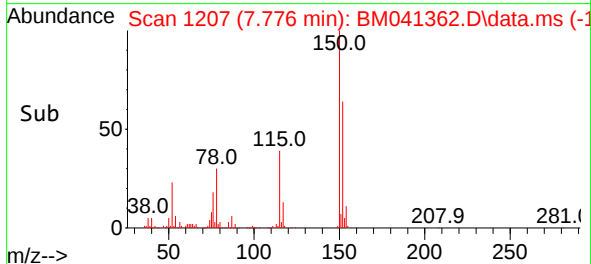
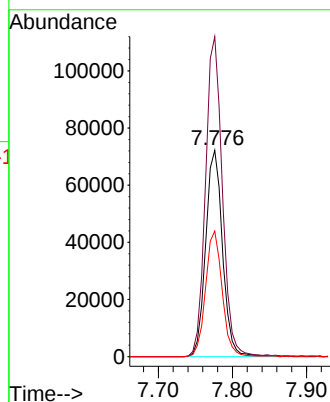
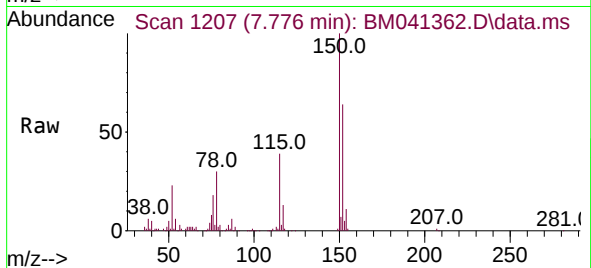




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.776 min Scan# 11
Delta R.T. 0.001 min
Lab File: BM041362.D
Acq: 10 Aug 2023 14:40

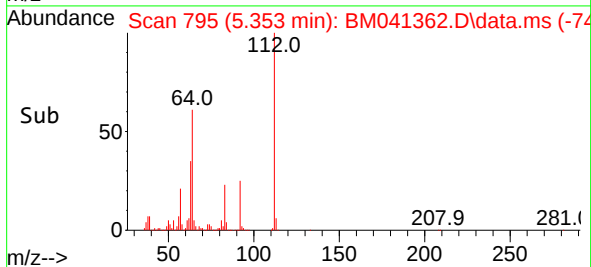
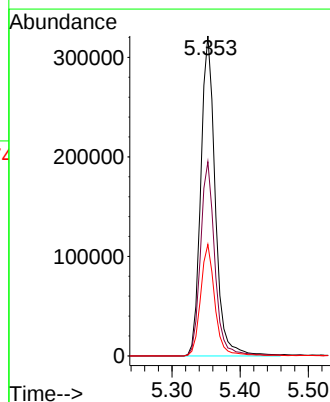
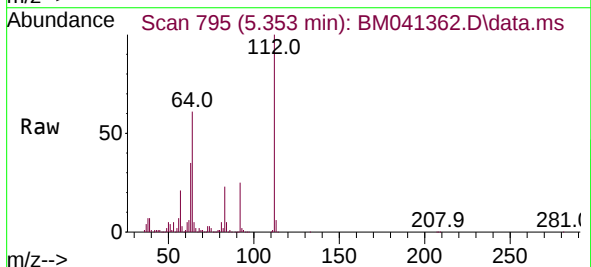
Instrument :
BNA_M
ClientSampleId :
WC-15

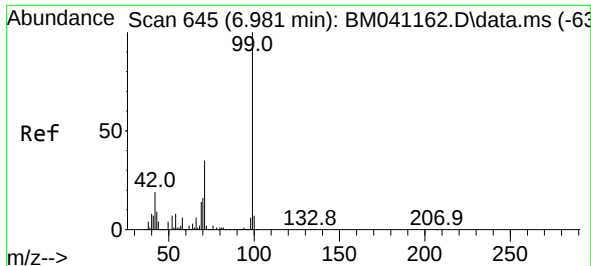
Tgt Ion:152 Resp: 113998
Ion Ratio Lower Upper
152 100
150 155.1 125.5 188.3
115 60.8 48.0 72.0



#5
2-Fluorophenol
Concen: 62.397 ng
RT: 5.353 min Scan# 795
Delta R.T. -0.005 min
Lab File: BM041362.D
Acq: 10 Aug 2023 14:40

Tgt Ion:112 Resp: 475925
Ion Ratio Lower Upper
112 100
64 60.7 48.5 72.7
63 34.8 26.5 39.7

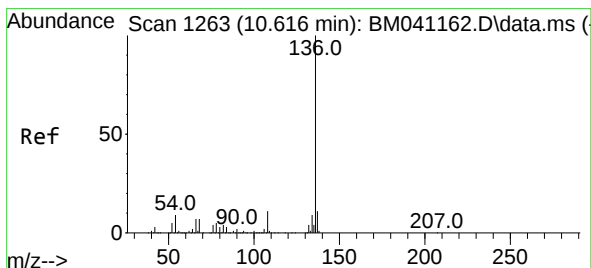
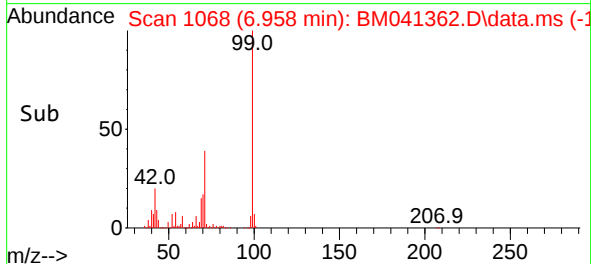
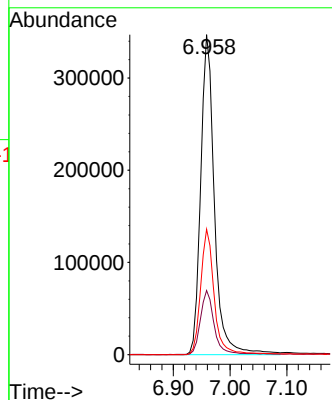
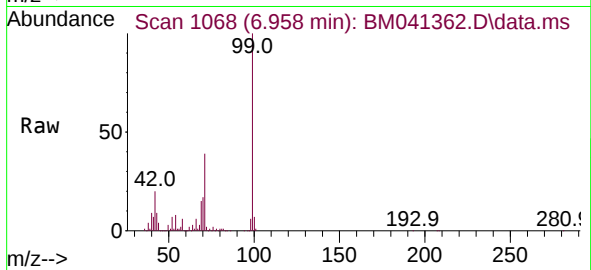




#7
Phenol-d6
Concen: 58.941 ng
RT: 6.958 min Scan# 10
Delta R.T. -0.011 min
Lab File: BM041362.D
Acq: 10 Aug 2023 14:40

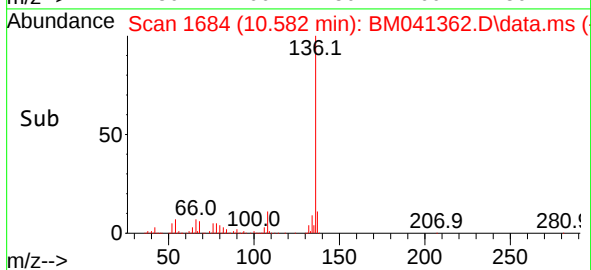
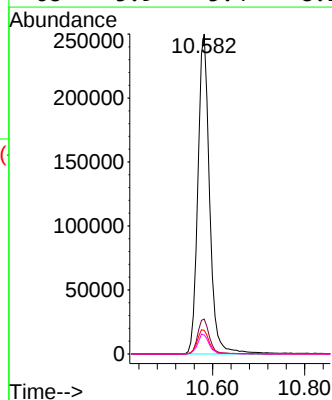
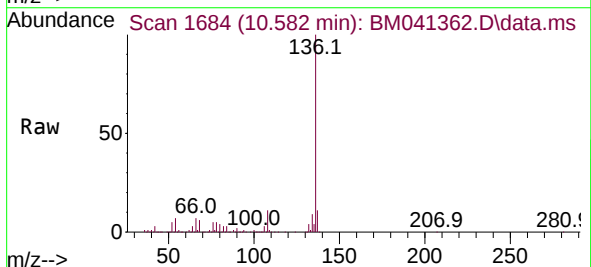
Instrument :
BNA_M
ClientSampleId :
WC-15

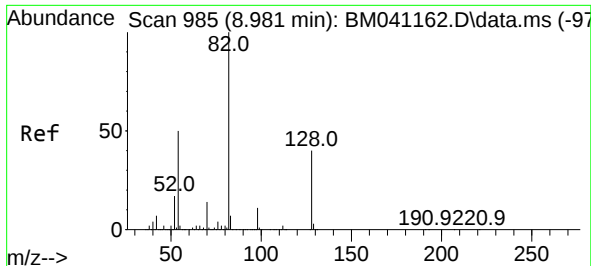
Tgt Ion: 99 Resp: 582750
Ion Ratio Lower Upper
99 100
42 20.0 15.4 23.0
71 39.2 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.582 min Scan# 1684
Delta R.T. -0.005 min
Lab File: BM041362.D
Acq: 10 Aug 2023 14:40

Tgt Ion: 136 Resp: 438357
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 6.9 10.3
68 5.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 40.664 ng

RT: 8.952 min Scan# 14

Delta R.T. -0.005 min

Lab File: BM041362.D

Acq: 10 Aug 2023 14:40

Instrument :

BNA_M

ClientSampleId :

WC-15

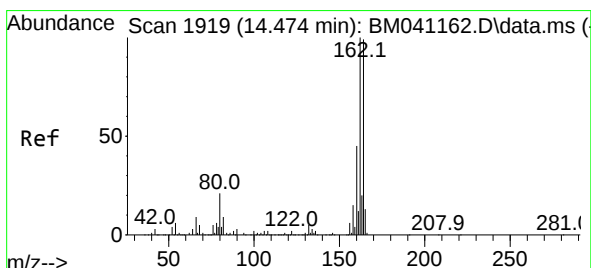
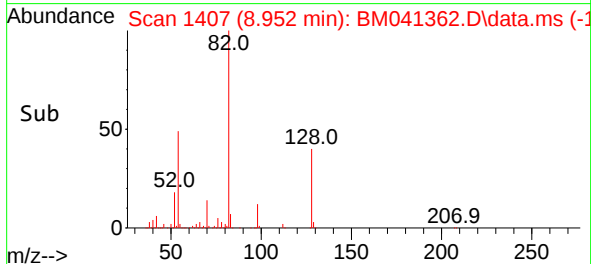
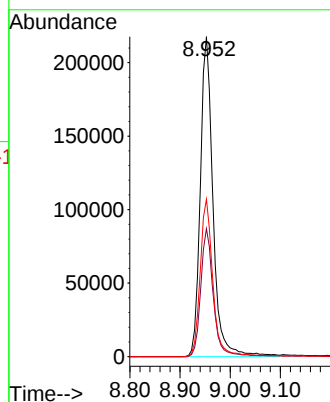
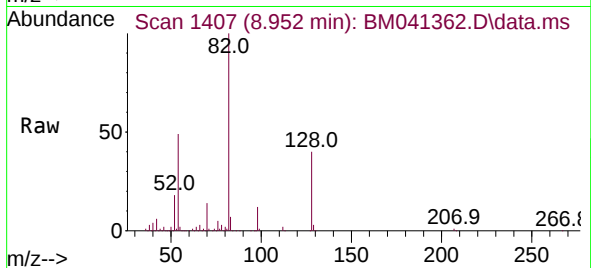
Tgt Ion: 82 Resp: 383300

Ion Ratio Lower Upper

82 100

128 40.0 31.8 47.6

54 49.2 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 2340

Delta R.T. -0.005 min

Lab File: BM041362.D

Acq: 10 Aug 2023 14:40

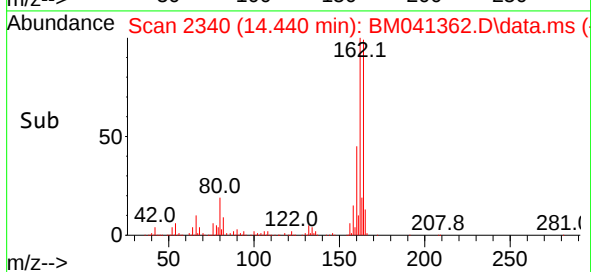
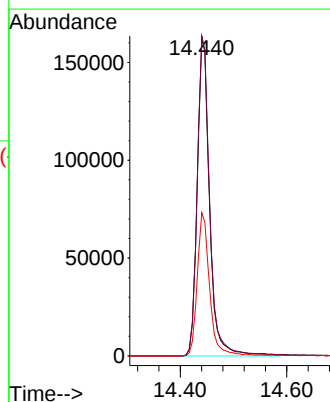
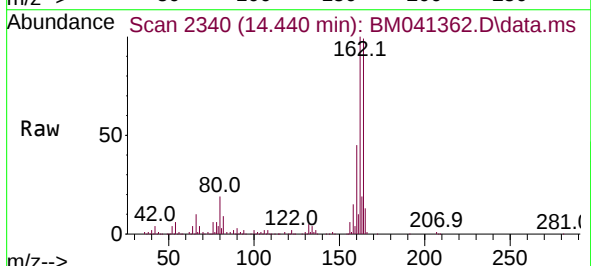
Tgt Ion:164 Resp: 261572

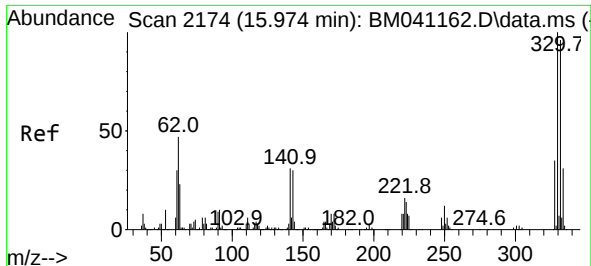
Ion Ratio Lower Upper

164 100

162 100.7 80.4 120.6

160 45.0 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 59.727 ng

RT: 15.946 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM041362.D

Acq: 10 Aug 2023 14:40

Instrument :

BNA_M

ClientSampleId :

WC-15

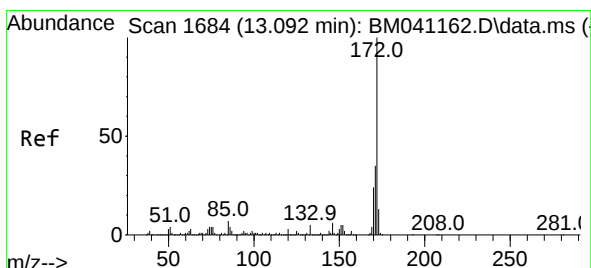
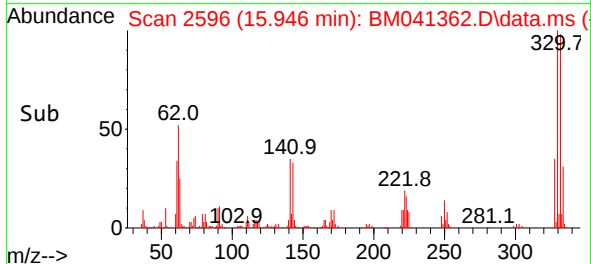
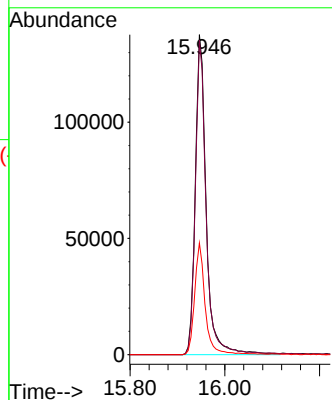
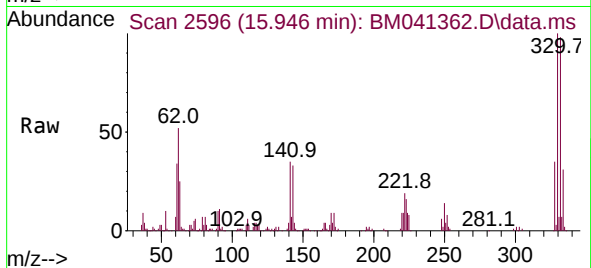
Tgt Ion:330 Resp: 220979

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 33.8 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 41.454 ng

RT: 13.058 min Scan# 2105

Delta R.T. -0.005 min

Lab File: BM041362.D

Acq: 10 Aug 2023 14:40

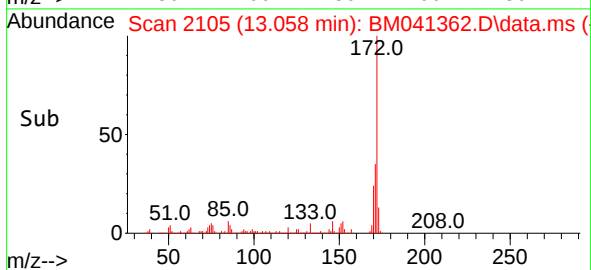
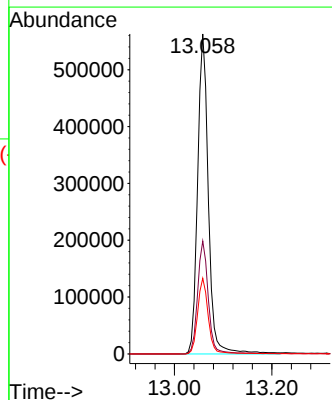
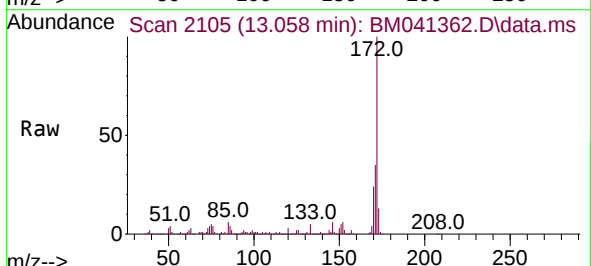
Tgt Ion:172 Resp: 858358

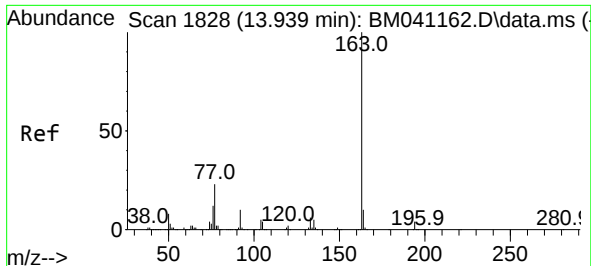
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.6 18.9 28.3

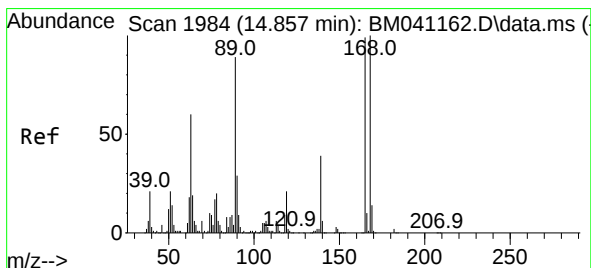
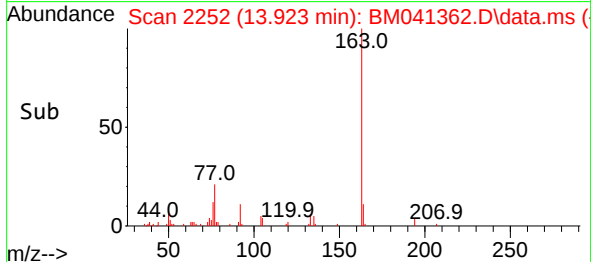
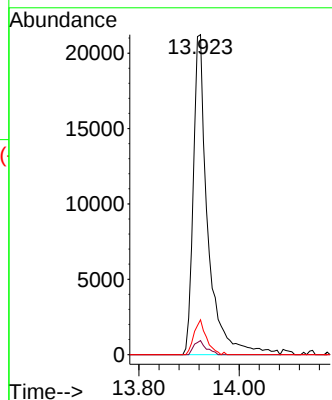
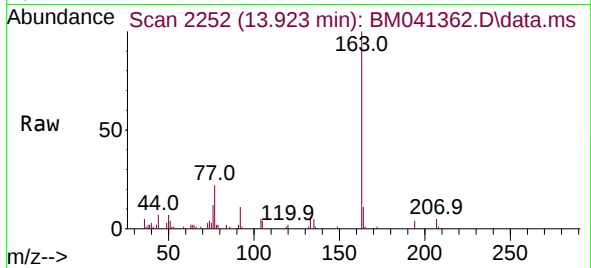




#50
Dimethylphthalate
Concen: 2.162 ng
RT: 13.923 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM041362.D
Acq: 10 Aug 2023 14:40

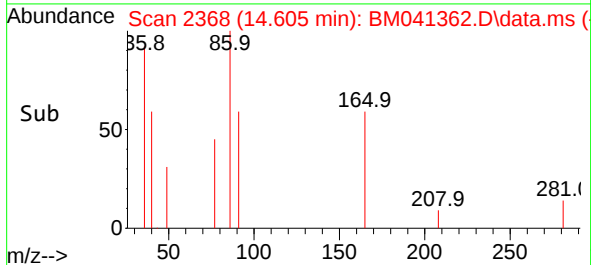
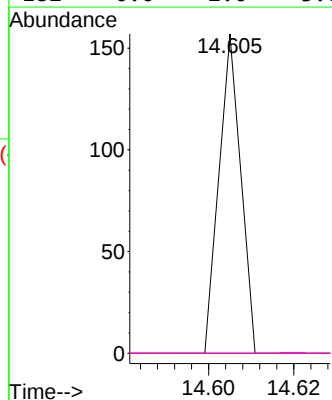
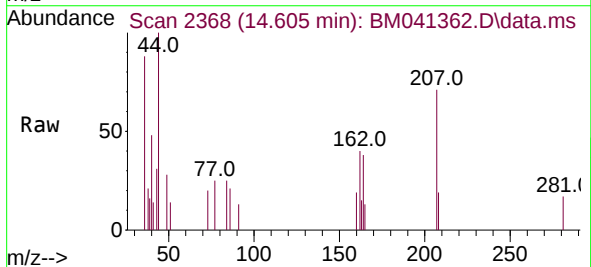
Instrument :
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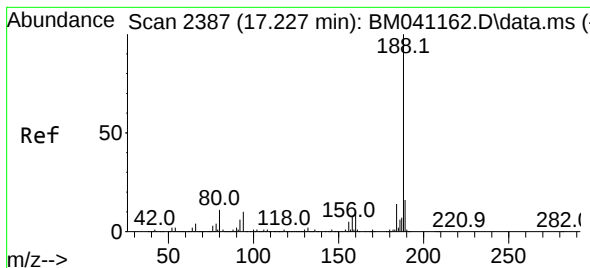
Tgt Ion:163 Resp: 42539
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.9 8.3 12.5



#57
2,4-Dinitrotoluene
Concen: 2.679 ng
RT: 14.605 min Scan# 2368
Delta R.T. -0.240 min
Lab File: BM041362.D
Acq: 10 Aug 2023 14:40

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: 17.205 min Scan# 2810

Delta R.T. -0.005 min

Lab File: BM041362.D

Acq: 10 Aug 2023 14:40

Instrument :

BNA_M

ClientSampleId :

WC-15

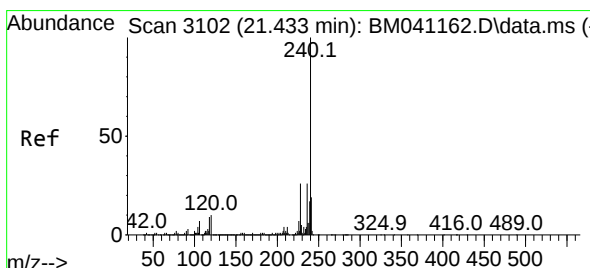
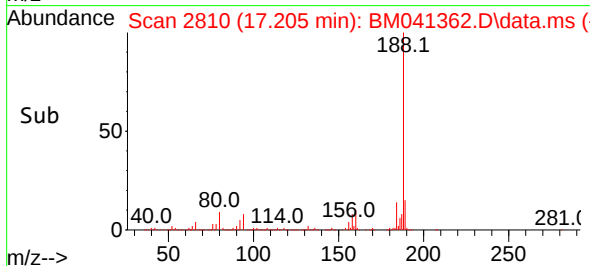
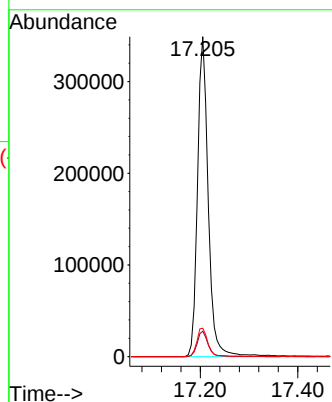
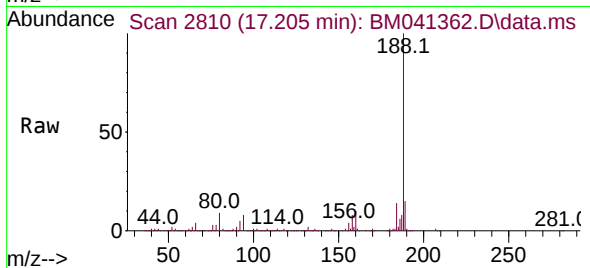
Tgt Ion:188 Resp: 530867

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.2#

80 8.9 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3525

Delta R.T. -0.005 min

Lab File: BM041362.D

Acq: 10 Aug 2023 14:40

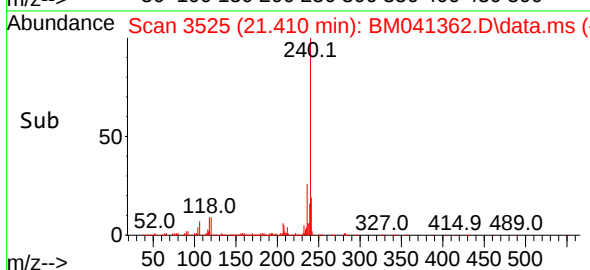
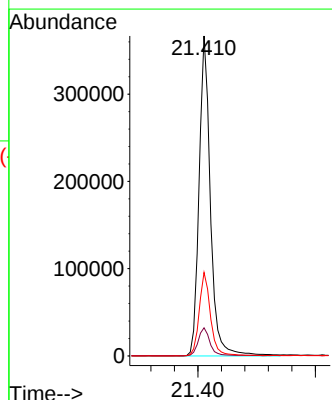
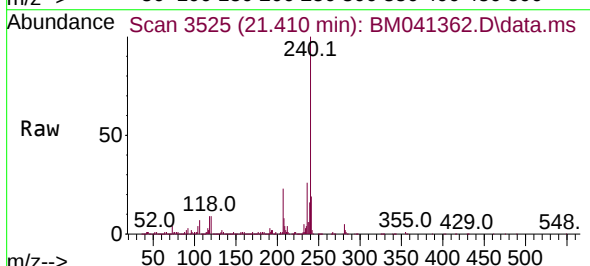
Tgt Ion:240 Resp: 490966

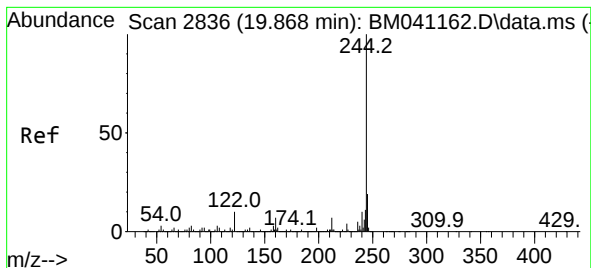
Ion Ratio Lower Upper

240 100

120 8.8 8.3 12.5

236 26.1 20.6 30.8





#79

Terphenyl-d14

Concen: 43.211 ng

RT: 19.840 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM041362.D

Acq: 10 Aug 2023 14:40

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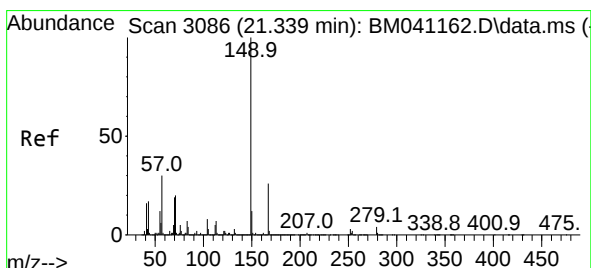
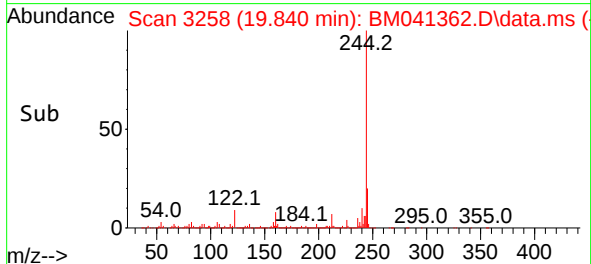
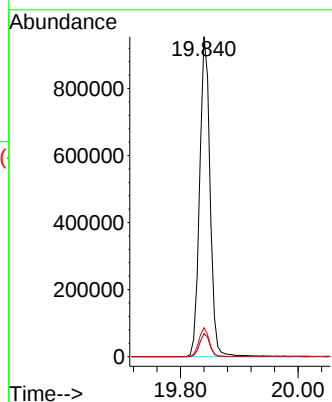
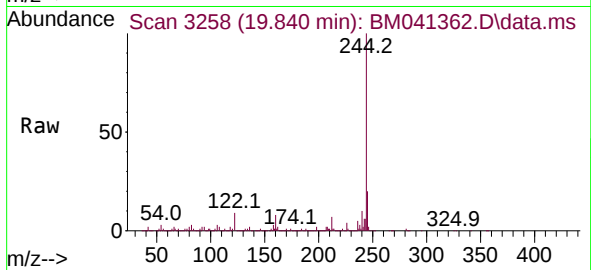
Tgt Ion:244 Resp: 1173357

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 9.0 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.771 ng

RT: 21.316 min Scan# 3509

Delta R.T. -0.005 min

Lab File: BM041362.D

Acq: 10 Aug 2023 14:40

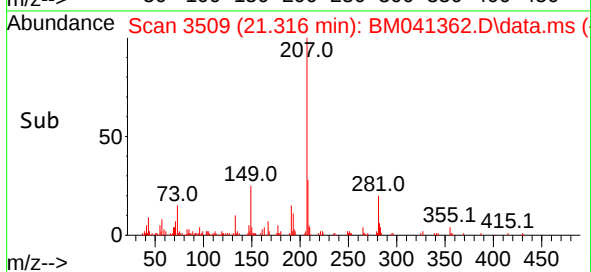
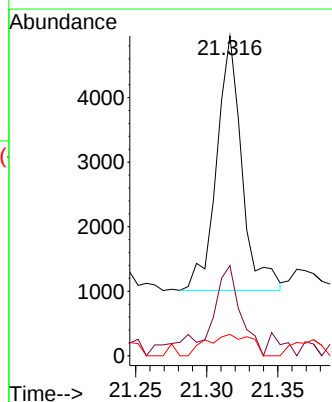
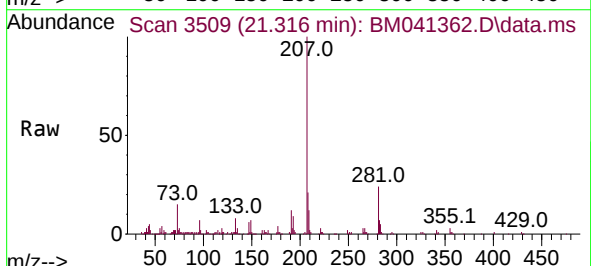
Tgt Ion:149 Resp: 4871

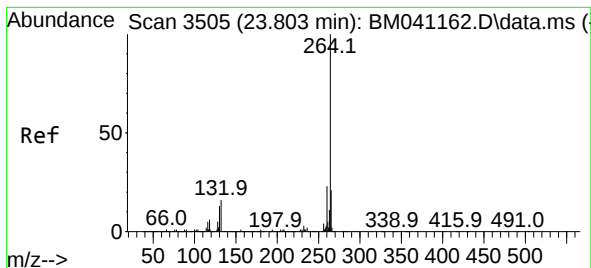
Ion Ratio Lower Upper

149 100

167 28.2 21.0 31.6

279 6.7 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.775 min Scan# 39

Delta R.T. -0.005 min

Lab File: BM041362.D

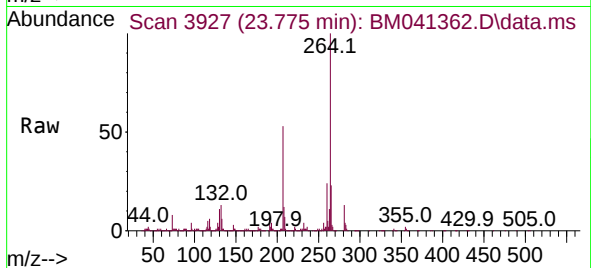
Acq: 10 Aug 2023 14:40

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:264 Resp: 628688

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 23.3 17.4 26.0

