

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041322.D
 Acq On : 08 Aug 2023 09:33
 Operator : MA/JU
 Sample : PB154641BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 09 01:11:18 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)

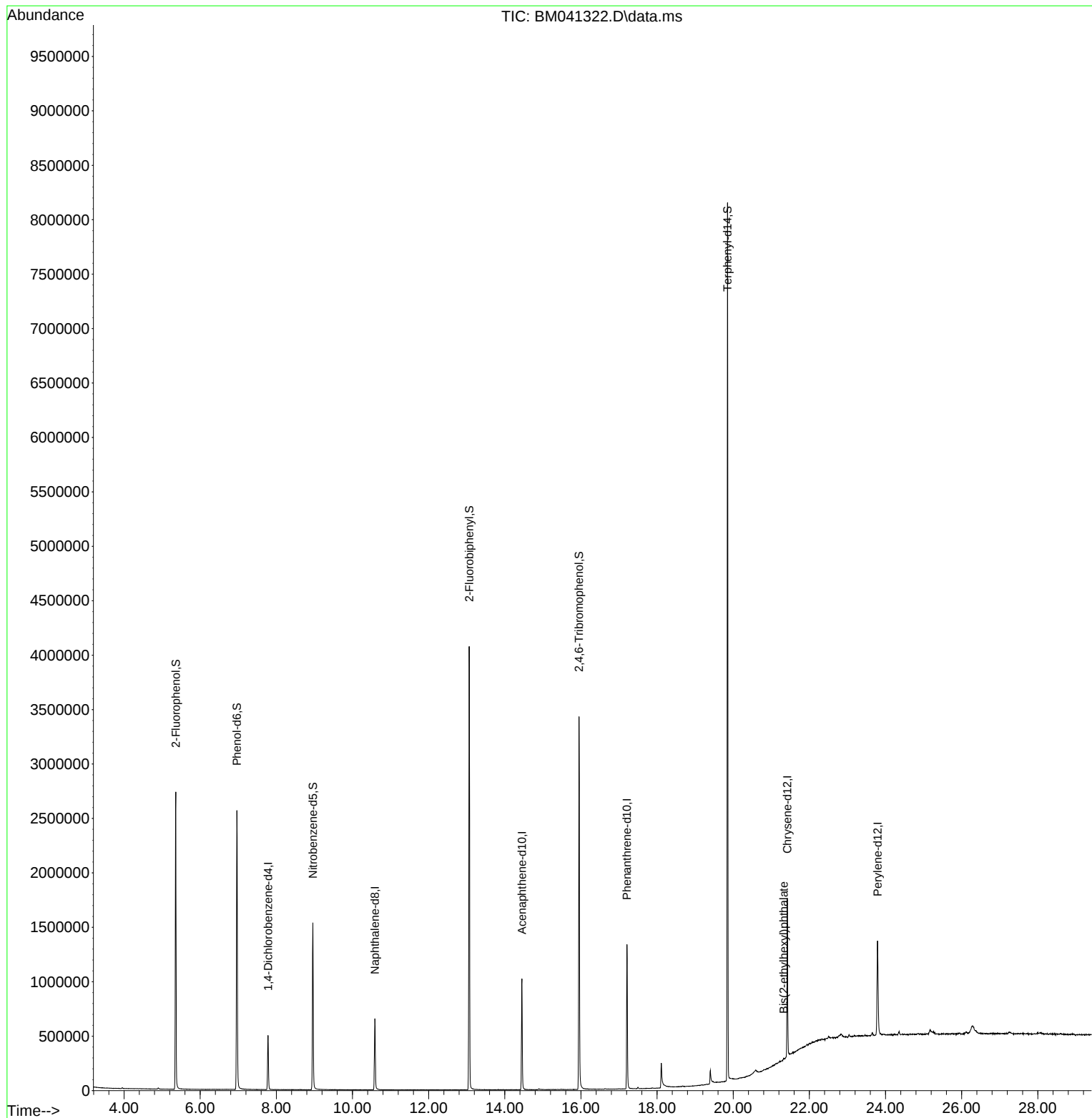
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	128779	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	545590	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	353455	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	798955	20.000	ng	0.00
76) Chrysene-d12	21.421	240	695484	20.000	ng	0.00
86) Perylene-d12	23.791	264	698381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1098503	127.490	ng	0.00
7) Phenol-d6	6.963	99	1396920	125.073	ng	0.00
23) Nitrobenzene-d5	8.957	82	882904	75.256	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	626979	125.410	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2061656	73.684	ng	0.00
79) Terphenyl-d14	19.850	244	3549266	92.270	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.327	149	3754	2.665	ng	Qvalue # 87

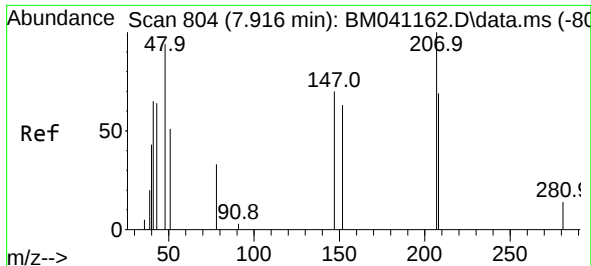
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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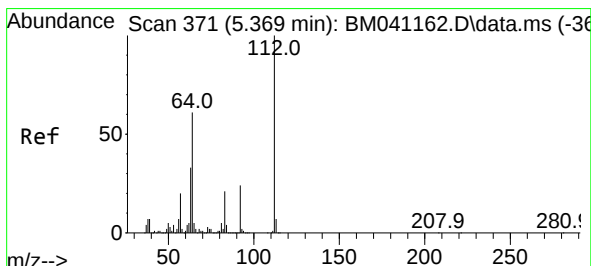
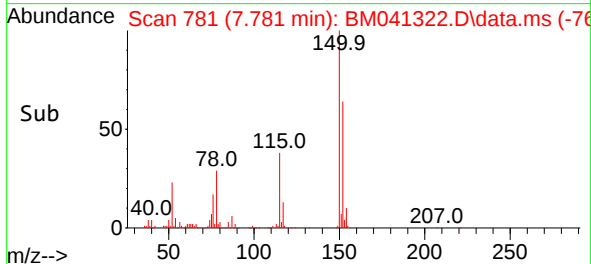
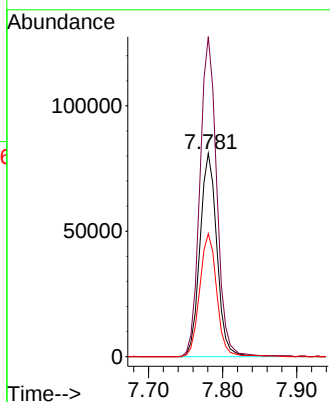
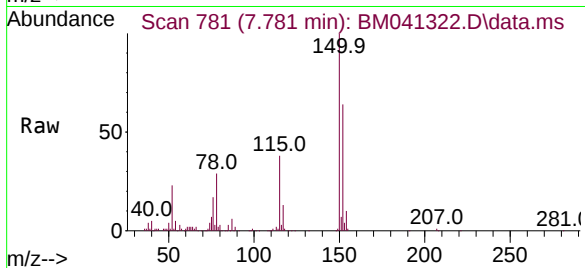




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 781
Delta R.T. -0.006 min
Lab File: BM041322.D
Acq: 08 Aug 2023 09:33

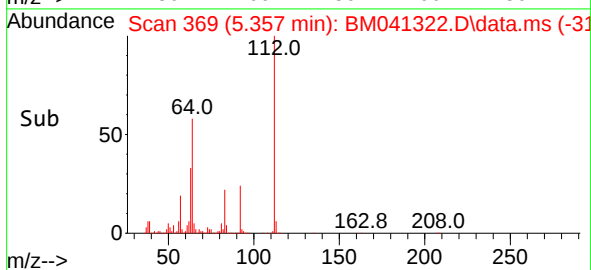
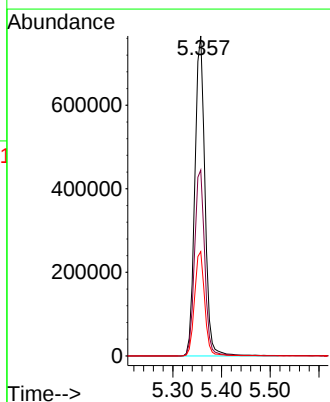
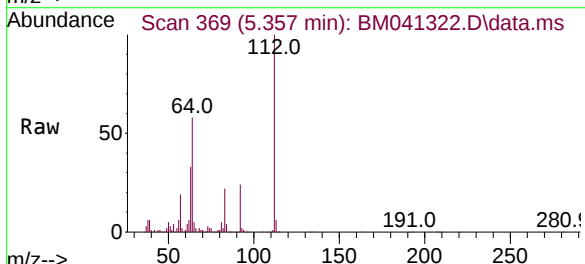
Instrument :
BNA_M
ClientSampleId :

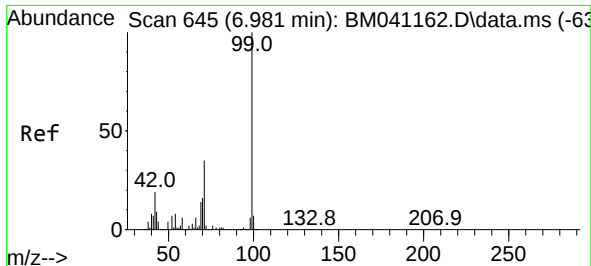
Tgt Ion:152 Resp: 128779
Ion Ratio Lower Upper
152 100
150 157.4 125.5 188.3
115 60.4 48.0 72.0



#5
2-Fluorophenol
Concen: 127.490 ng
RT: 5.357 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM041322.D
Acq: 08 Aug 2023 09:33

Tgt Ion:112 Resp: 1098503
Ion Ratio Lower Upper
112 100
64 58.1 48.5 72.7
63 32.6 26.5 39.7

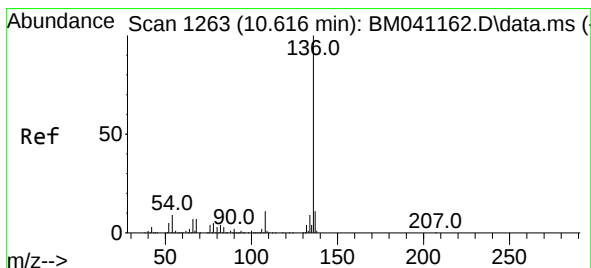
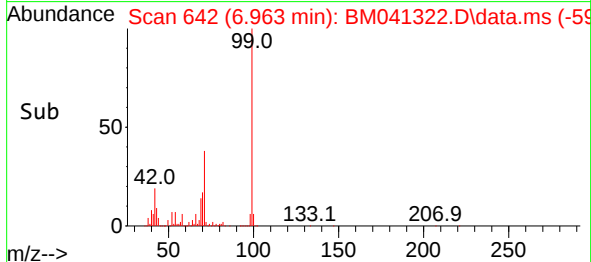
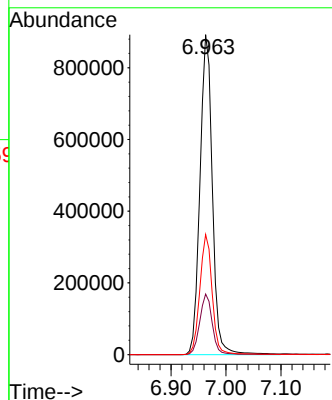
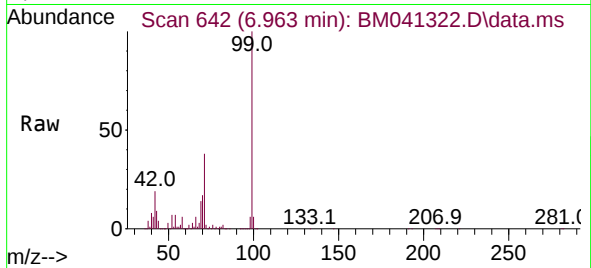




#7
Phenol-d6
Concen: 125.073 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041322.D
Acq: 08 Aug 2023 09:33

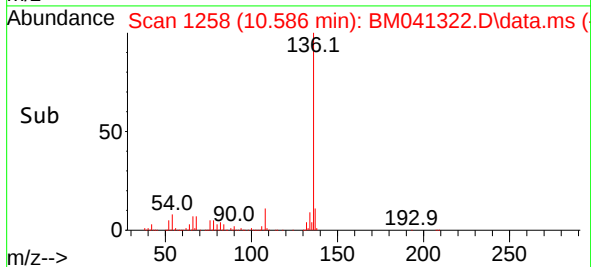
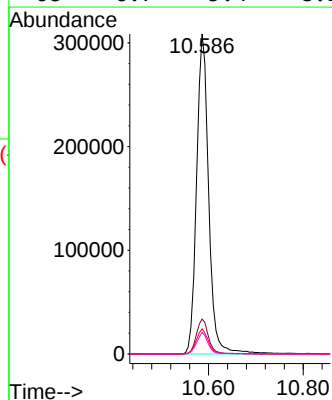
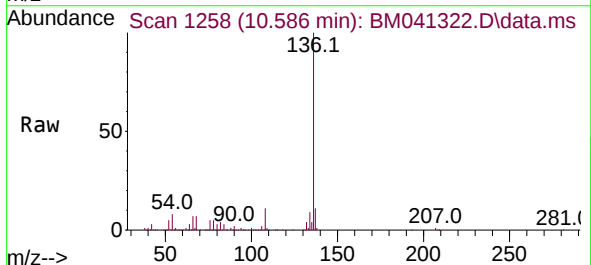
Instrument :
BNA_M
ClientSampleId :

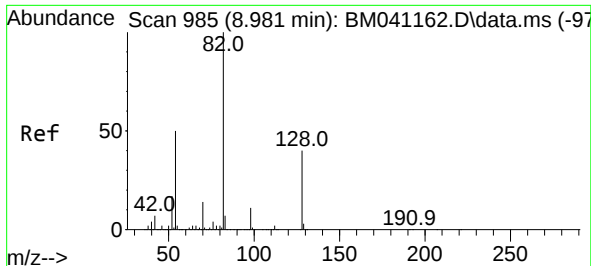
Tgt Ion: 99 Resp: 1396920
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 37.5 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BM041322.D
Acq: 08 Aug 2023 09:33

Tgt Ion:136 Resp: 545590
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 6.9 10.3
68 6.7 5.4 8.2

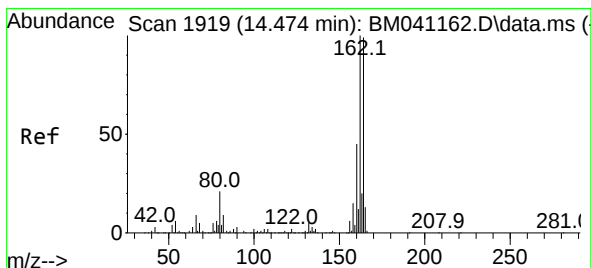
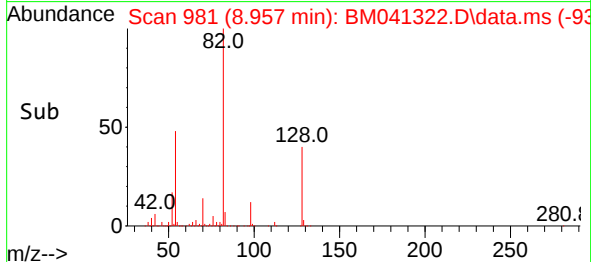
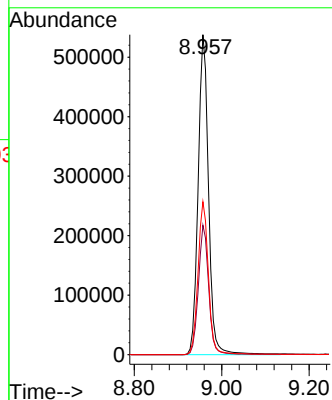
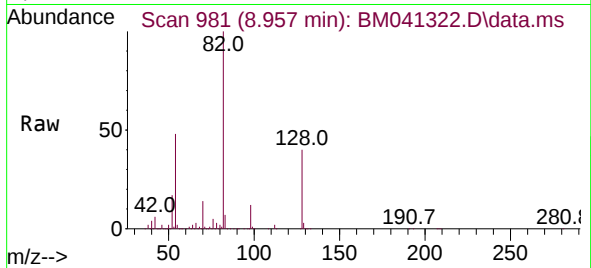




#23
Nitrobenzene-d5
Concen: 75.256 ng
RT: 8.957 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM041322.D
Acq: 08 Aug 2023 09:33

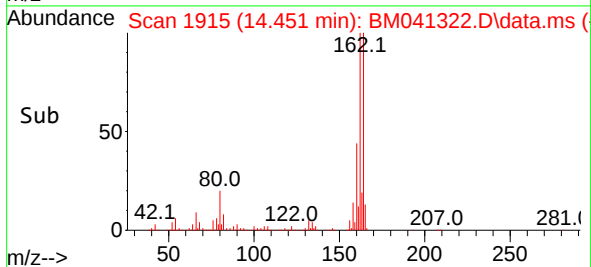
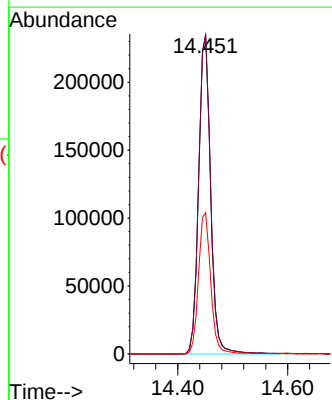
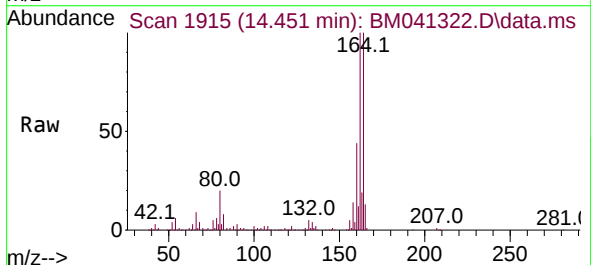
Instrument :
BNA_M
ClientSampleId :

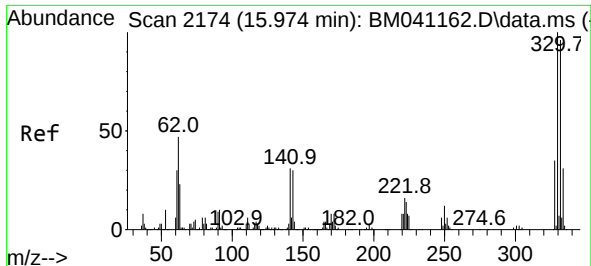
Tgt Ion: 82 Resp: 882904
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 47.8 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BM041322.D
Acq: 08 Aug 2023 09:33

Tgt Ion:164 Resp: 353455
Ion Ratio Lower Upper
164 100
162 100.4 80.4 120.6
160 44.3 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 125.410 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

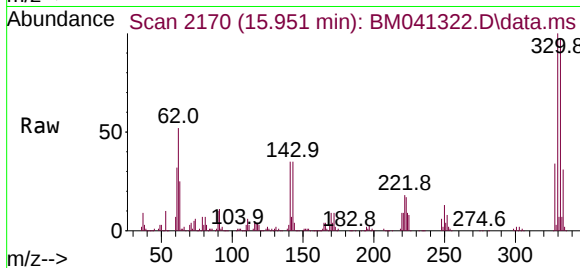
Lab File: BM041322.D

Acq: 08 Aug 2023 09:33

Instrument :

BNA_M

ClientSampleId :



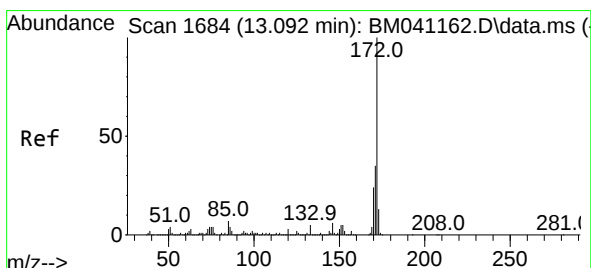
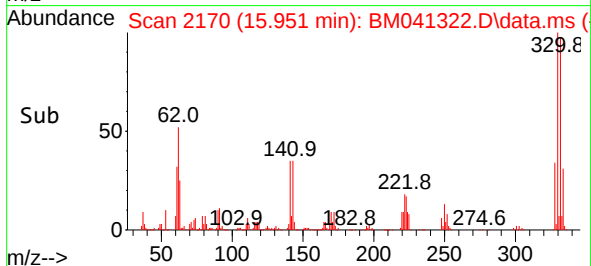
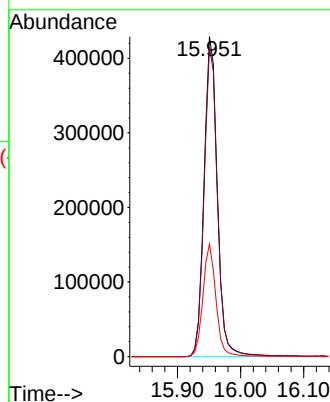
Tgt Ion:330 Resp: 626979

Ion Ratio Lower Upper

330 100

332 97.5 77.7 116.5

141 34.7 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 73.684 ng

RT: 13.063 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BM041322.D

Acq: 08 Aug 2023 09:33

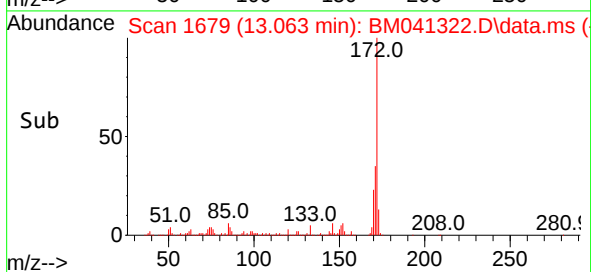
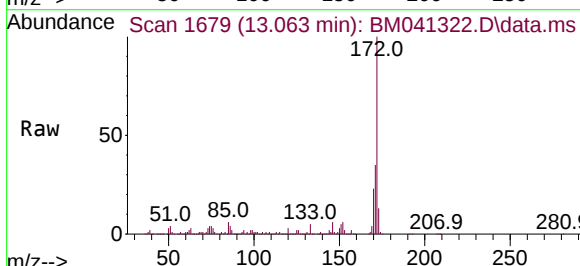
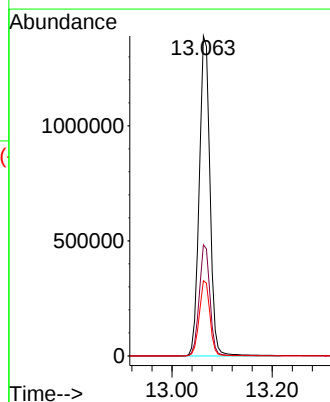
Tgt Ion:172 Resp: 2061656

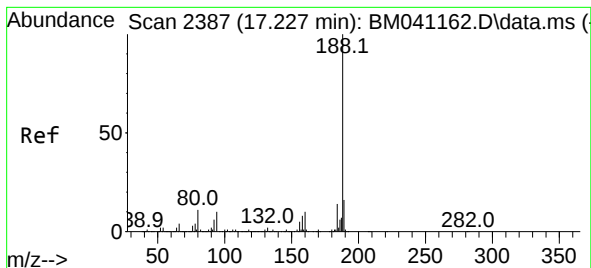
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 2384

Delta R.T. -0.006 min

Lab File: BM041322.D

Acq: 08 Aug 2023 09:33

Instrument :

BNA_M

ClientSampleId :

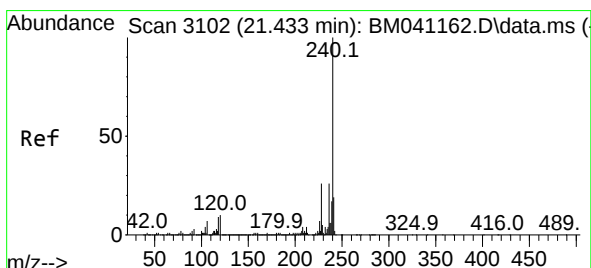
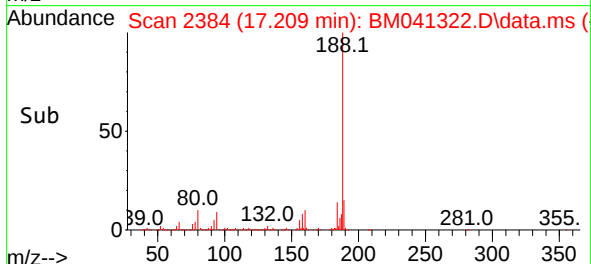
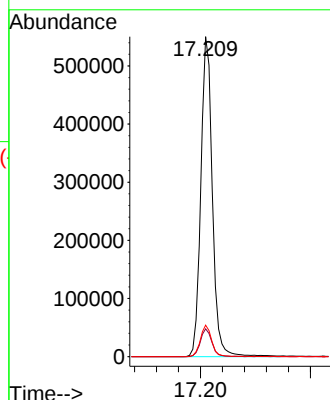
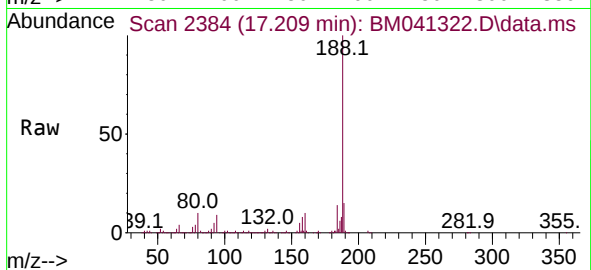
Tgt Ion:188 Resp: 798955

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

80 9.8 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BM041322.D

Acq: 08 Aug 2023 09:33

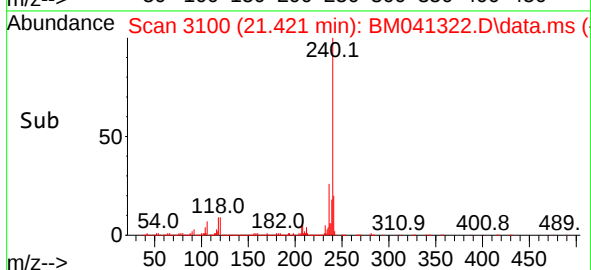
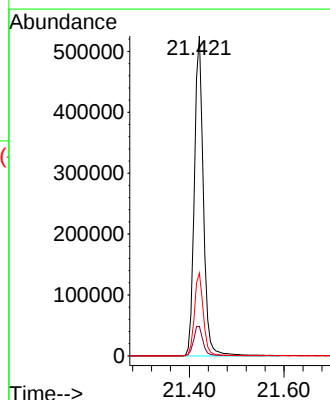
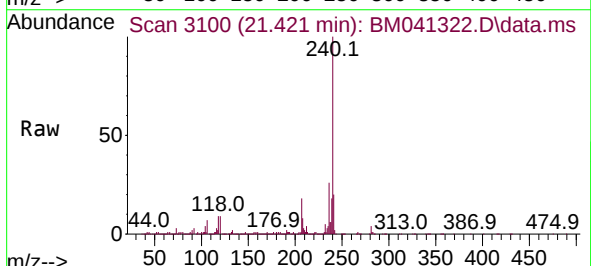
Tgt Ion:240 Resp: 695484

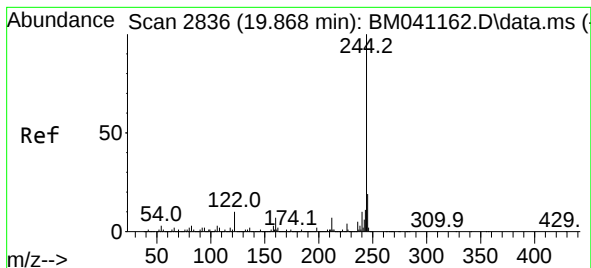
Ion Ratio Lower Upper

240 100

120 9.2 8.3 12.5

236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 92.270 ng

RT: 19.850 min Scan# 2833

Delta R.T. 0.000 min

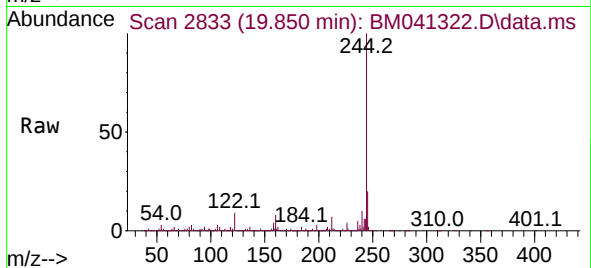
Lab File: BM041322.D

Acq: 08 Aug 2023 09:33

Instrument :

BNA_M

ClientSampleId :



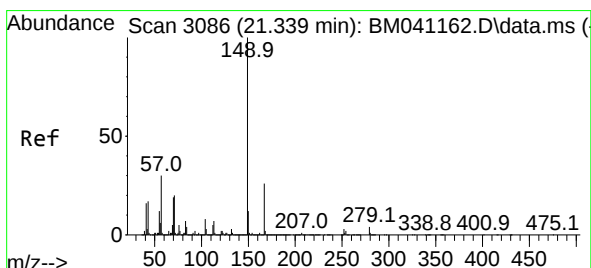
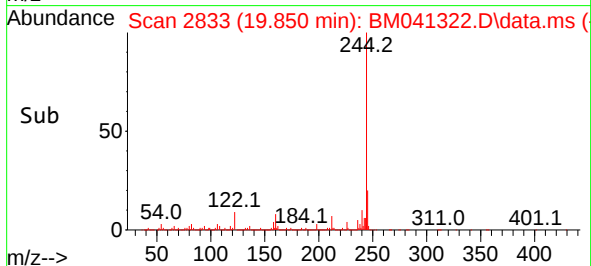
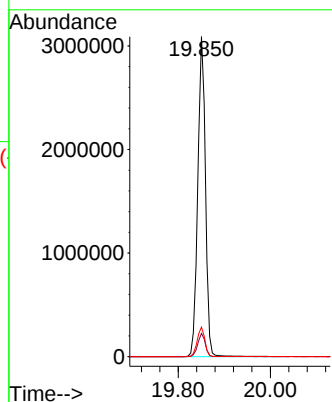
Tgt Ion:244 Resp: 3549266

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 9.2 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.665 ng

RT: 21.327 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BM041322.D

Acq: 08 Aug 2023 09:33

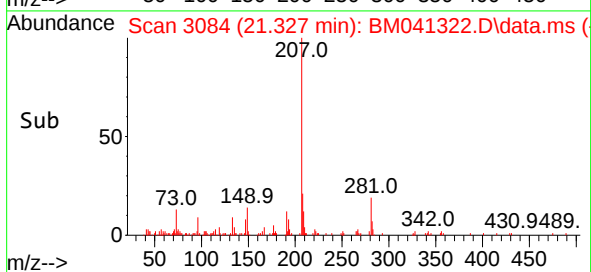
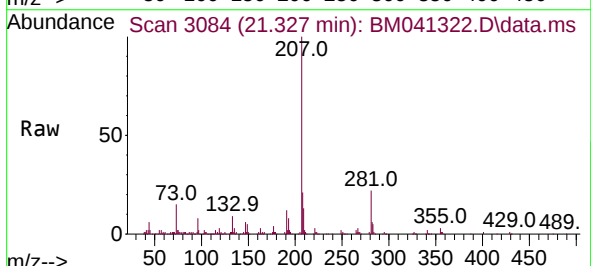
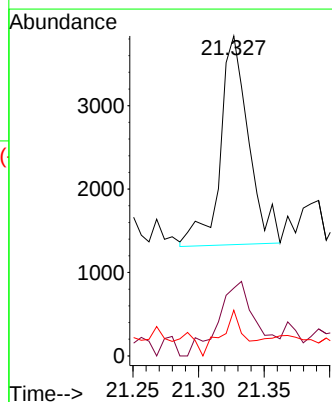
Tgt Ion:149 Resp: 3754

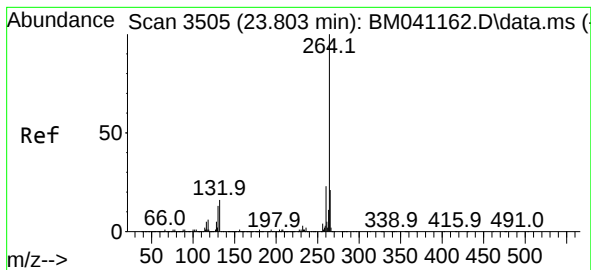
Ion Ratio Lower Upper

149 100

167 21.2 21.0 31.6

279 14.3 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.791 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM041322.D
Acq: 08 Aug 2023 09:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 698381

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.7	17.4	26.0

