

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041243.D
 Acq On : 02 Aug 2023 14:02
 Operator : MA/JU
 Sample : 03810-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P3A

Quant Time: Aug 03 03:07:37 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)

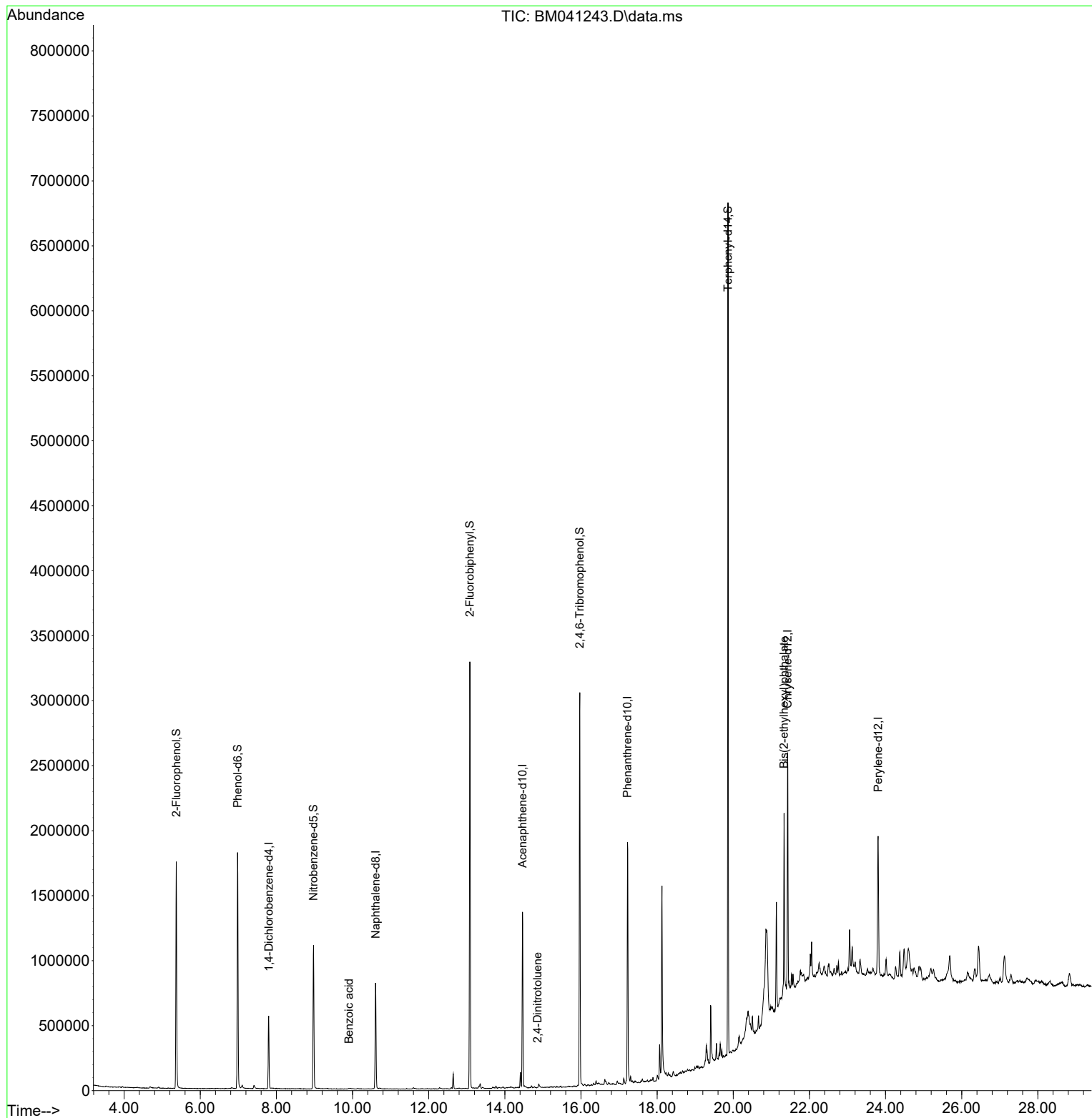
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	147004	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	650668	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	449193	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1096328	20.000	ng	0.00
76) Chrysene-d12	21.427	240	815745	20.000	ng	0.00
86) Perylene-d12	23.803	264	815051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	723868	73.595	ng	0.00
7) Phenol-d6	6.981	99	1005145	78.838	ng	0.00
23) Nitrobenzene-d5	8.975	82	636947	45.524	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	562634	88.554	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1577668	44.368	ng	0.00
79) Terphenyl-d14	19.862	244	2940522	65.175	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.904	122	2504	7.447	ng	# 43
57) 2,4-Dinitrotoluene	14.857	165	181	2.688	ng	# 72
84) Bis(2-ethylhexyl)phtha...	21.333	149	485334	16.433	ng	# 97

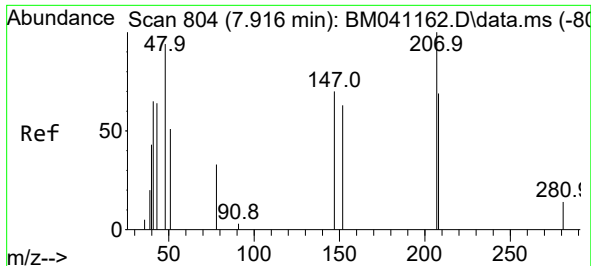
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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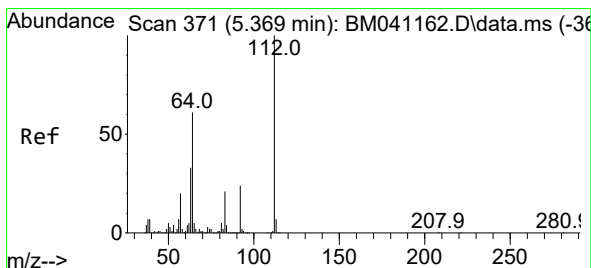
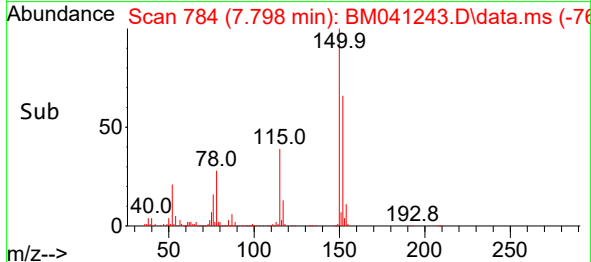
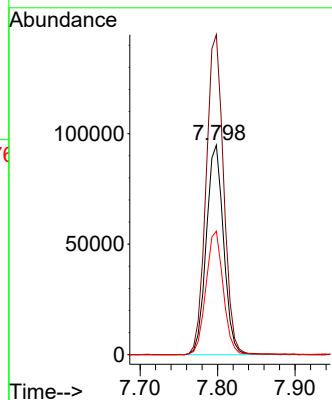
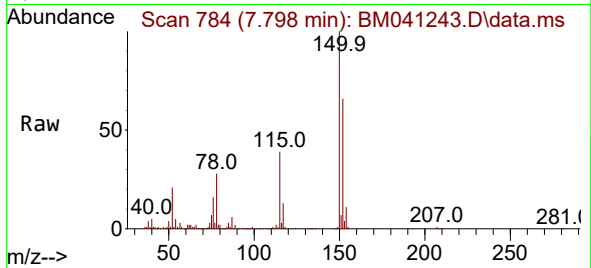




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.005 min
Lab File: BM041243.D
Acq: 02 Aug 2023 14:02

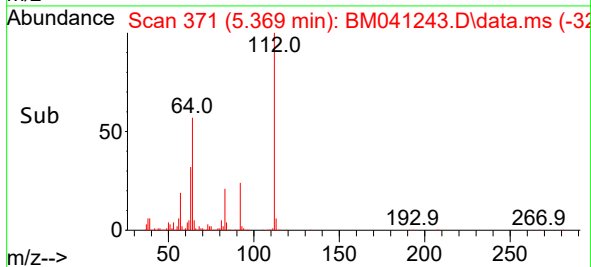
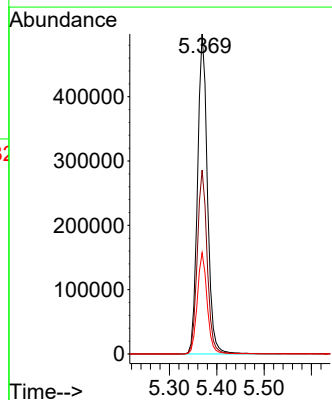
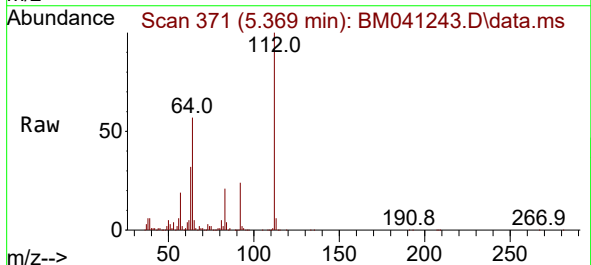
Instrument :
BNA_M
ClientSampleId :
B-P3A

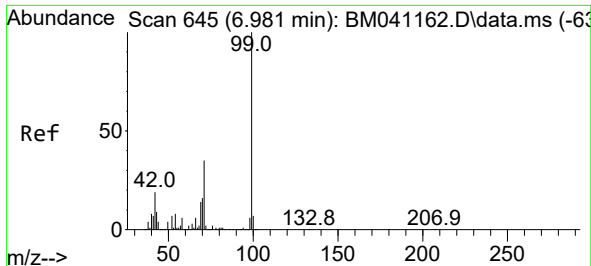
Tgt Ion:152 Resp: 147004
Ion Ratio Lower Upper
152 100
150 152.7 125.5 188.3
115 59.0 48.0 72.0



#5
2-Fluorophenol
Concen: 73.595 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041243.D
Acq: 02 Aug 2023 14:02

Tgt Ion:112 Resp: 723868
Ion Ratio Lower Upper
112 100
64 57.5 48.5 72.7
63 31.6 26.5 39.7

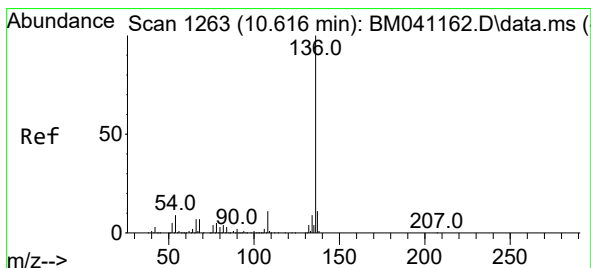
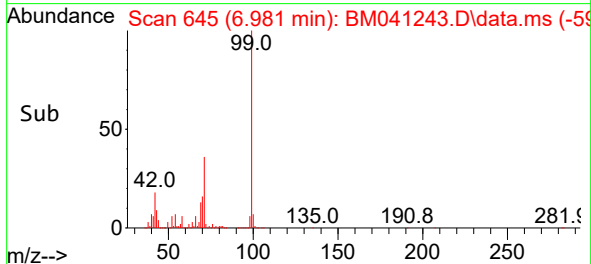
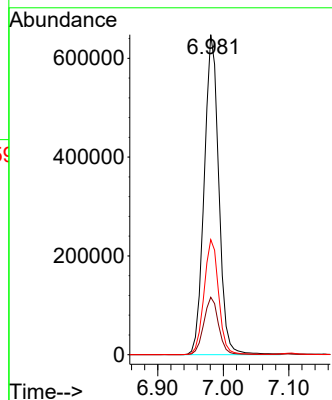
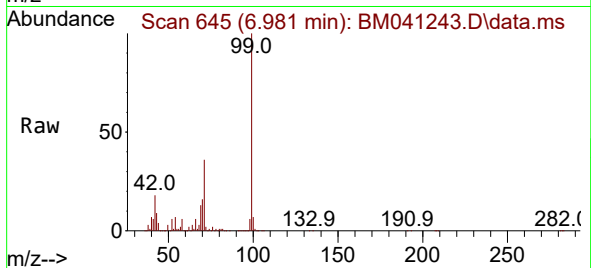




#7
Phenol-d6
Concen: 78.838 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041243.D
Acq: 02 Aug 2023 14:02

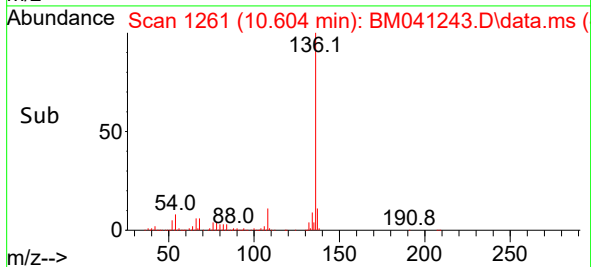
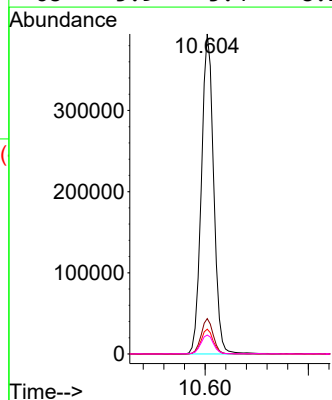
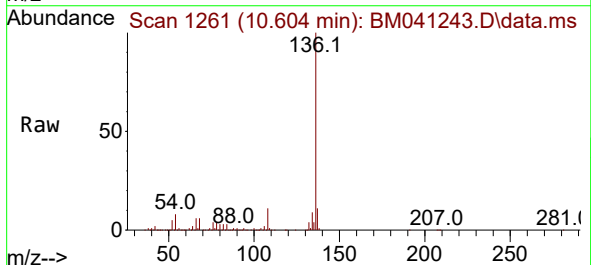
Instrument :
BNA_M
ClientSampleId :
B-P3A

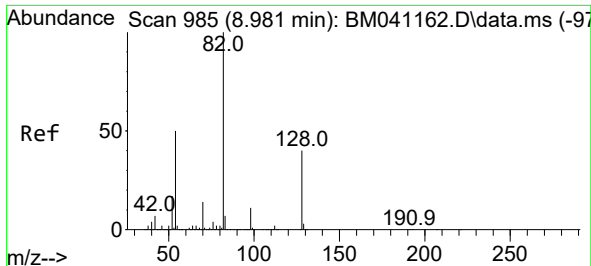
Tgt Ion: 99 Resp: 1005145
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 35.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041243.D
Acq: 02 Aug 2023 14:02

Tgt Ion: 136 Resp: 650668
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 6.9 10.3
68 5.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 45.524 ng

RT: 8.975 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041243.D

Acq: 02 Aug 2023 14:02

Instrument :

BNA_M

ClientSampleId :

B-P3A

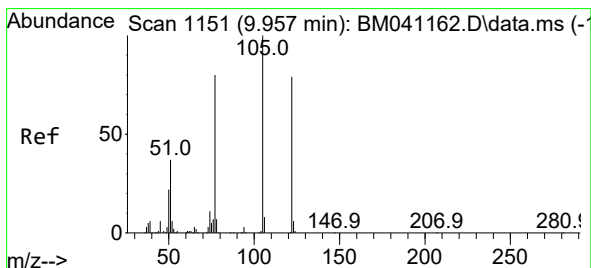
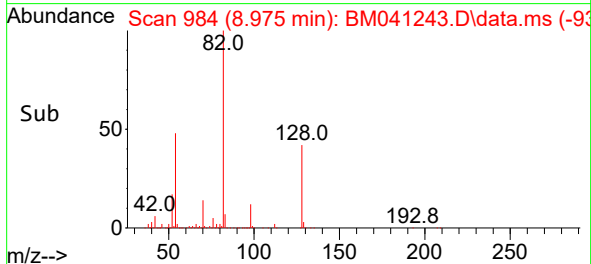
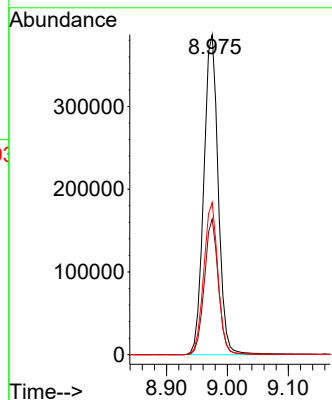
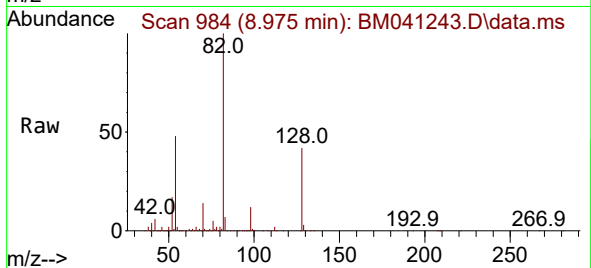
Tgt Ion: 82 Resp: 636947

Ion Ratio Lower Upper

82 100

128 42.4 31.8 47.6

54 47.5 40.1 60.1



#32

Benzoic acid

Concen: 7.447 ng

RT: 9.904 min Scan# 1142

Delta R.T. -0.053 min

Lab File: BM041243.D

Acq: 02 Aug 2023 14:02

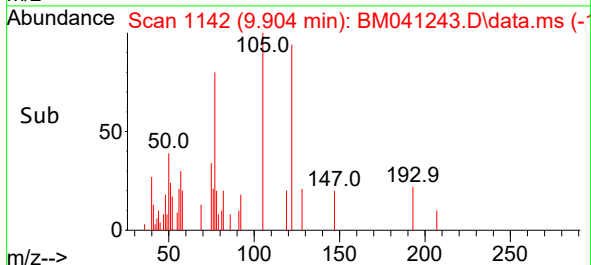
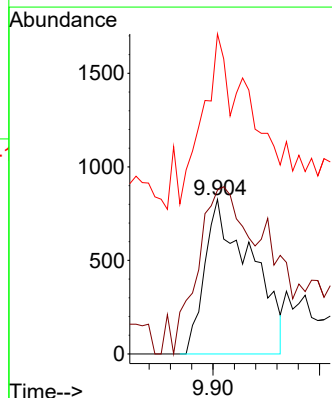
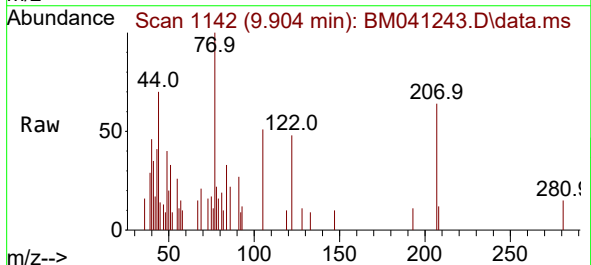
Tgt Ion: 122 Resp: 2504

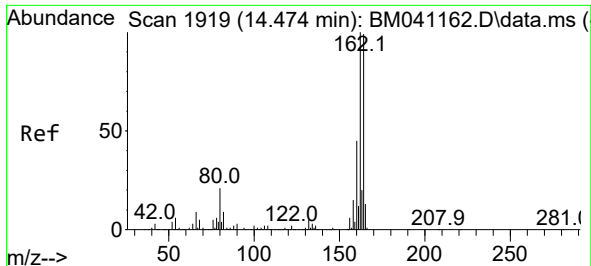
Ion Ratio Lower Upper

122 100

105 106.1 104.0 144.0

77 207.0 79.9 119.9#

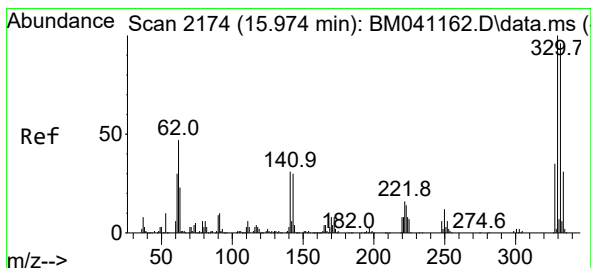
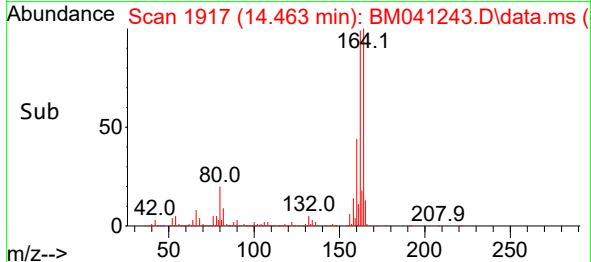
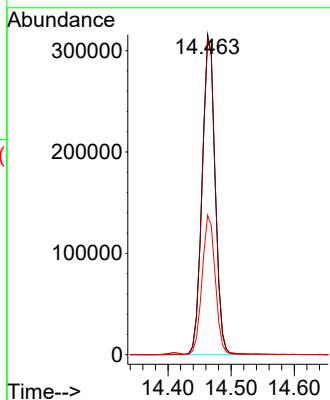
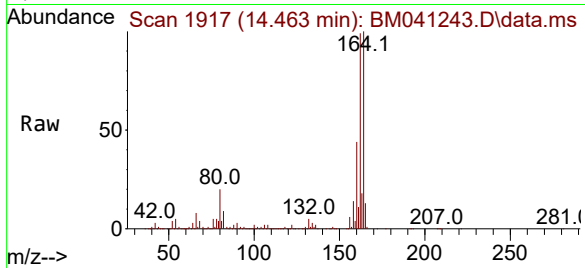




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041243.D
Acq: 02 Aug 2023 14:02

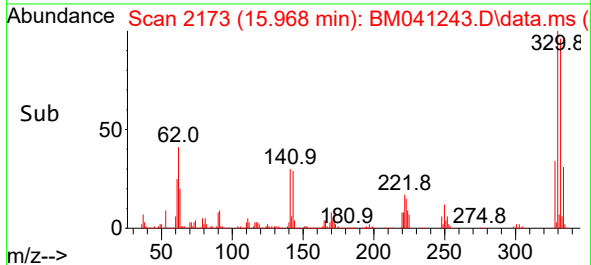
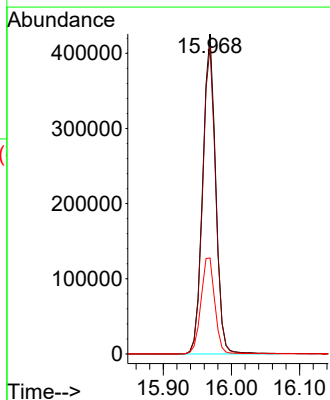
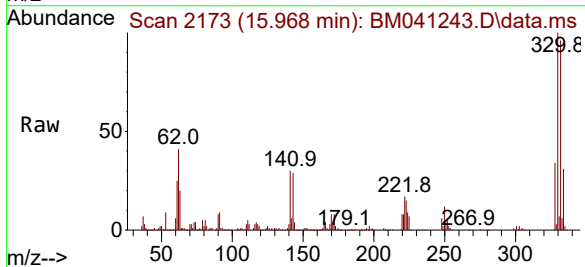
Instrument :
BNA_M
ClientSampleId :
B-P3A

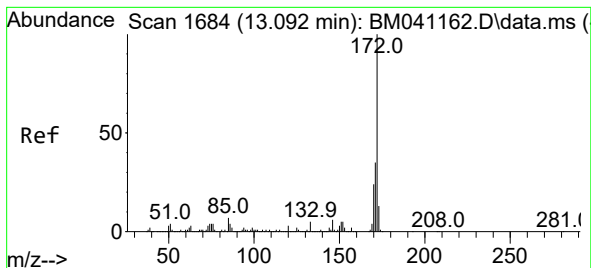
Tgt Ion:164 Resp: 449193
Ion Ratio Lower Upper
164 100
162 98.6 80.4 120.6
160 43.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 88.554 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041243.D
Acq: 02 Aug 2023 14:02

Tgt Ion:330 Resp: 562634
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 32.3 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 44.368 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041243.D

Acq: 02 Aug 2023 14:02

Instrument :

BNA_M

ClientSampleId :

B-P3A

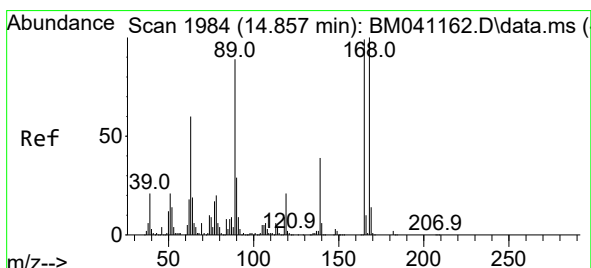
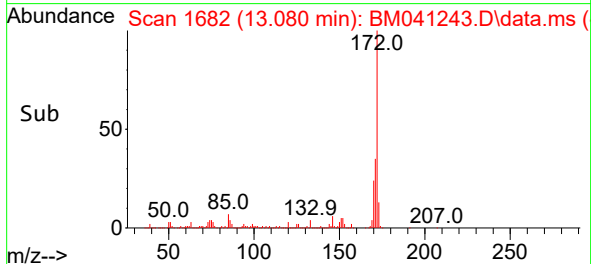
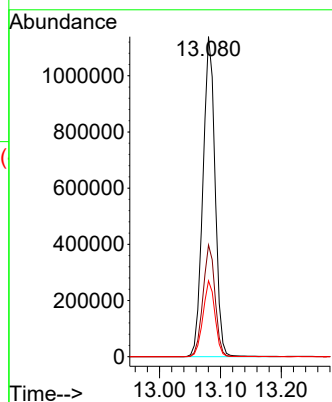
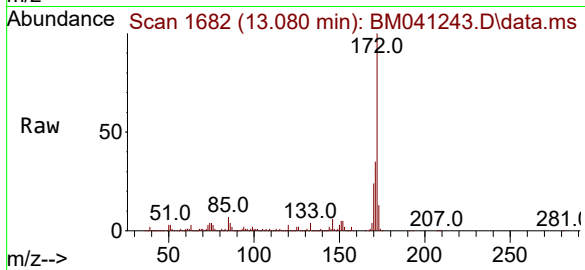
Tgt Ion:172 Resp: 1577668

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.7 18.9 28.3



#57

2,4-Dinitrotoluene

Concen: 2.688 ng

RT: 14.857 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BM041243.D

Acq: 02 Aug 2023 14:02

Tgt Ion:165 Resp: 181

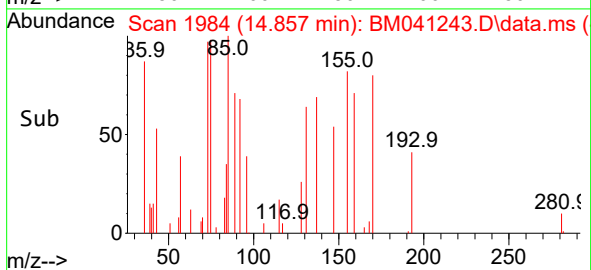
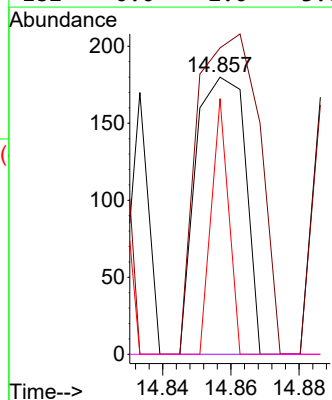
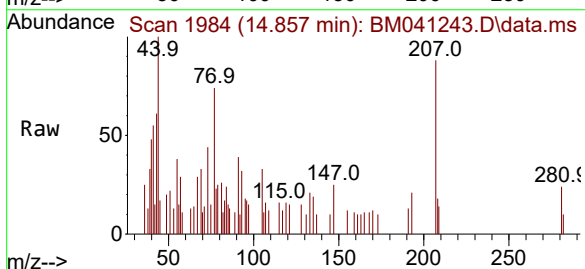
Ion Ratio Lower Upper

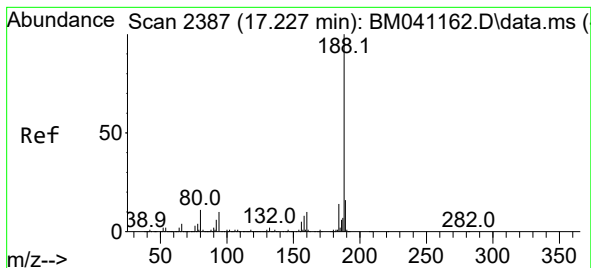
165 100

63 110.6 48.3 72.5#

89 92.2 71.8 107.8

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041243.D

Acq: 02 Aug 2023 14:02

Instrument :

BNA_M

ClientSampleId :

B-P3A

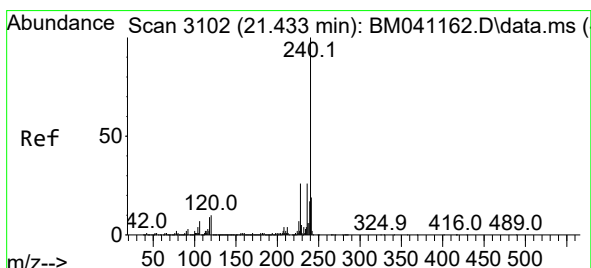
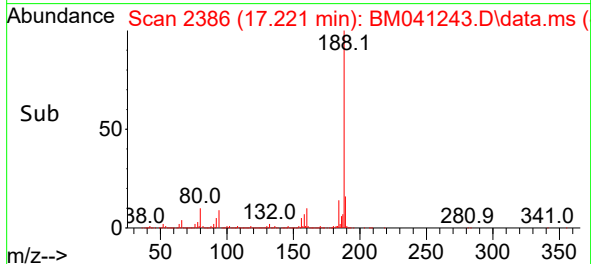
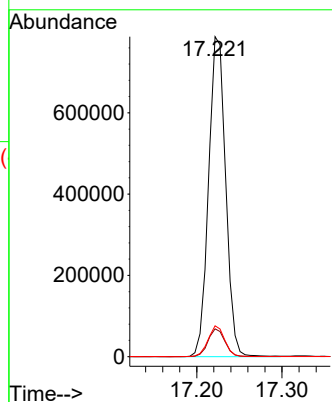
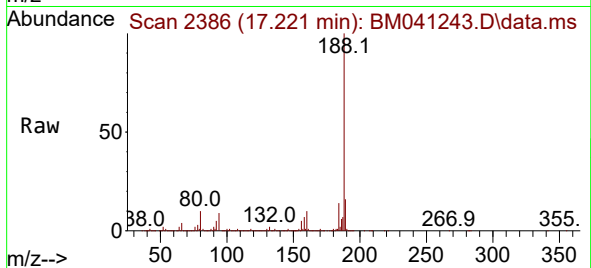
Tgt Ion:188 Resp: 1096328

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

80 9.6 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: BM041243.D

Acq: 02 Aug 2023 14:02

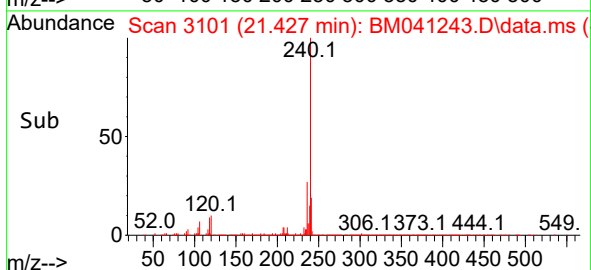
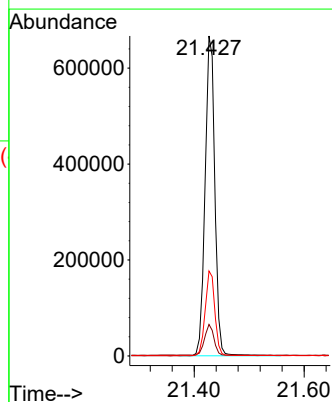
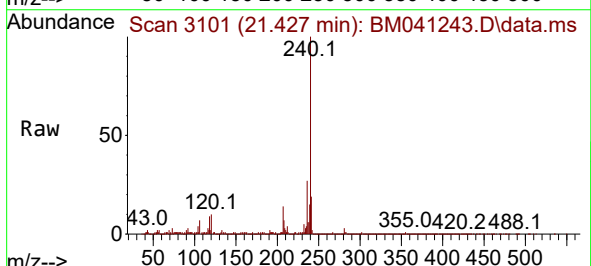
Tgt Ion:240 Resp: 815745

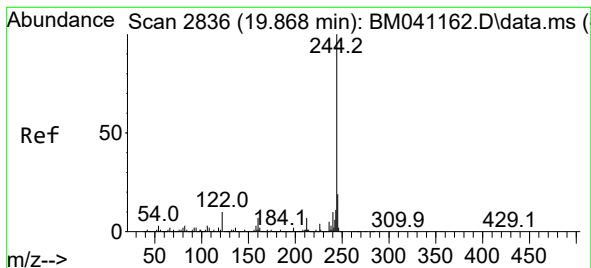
Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

236 26.5 20.6 30.8





#79

Terphenyl-d14

Concen: 65.175 ng

RT: 19.862 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041243.D

Acq: 02 Aug 2023 14:02

Instrument :

BNA_M

ClientSampleId :

B-P3A

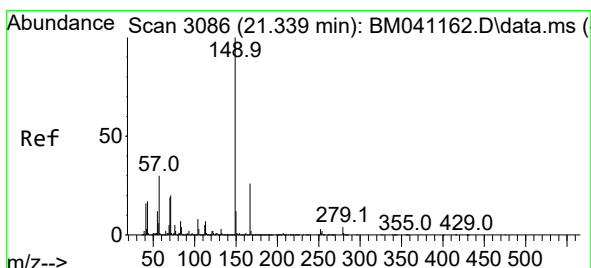
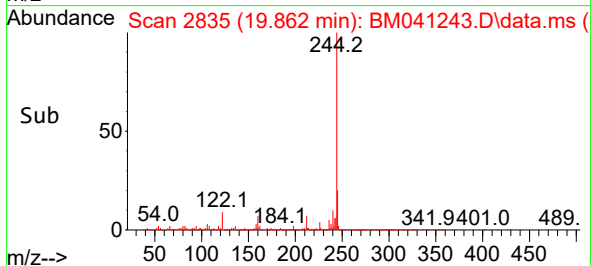
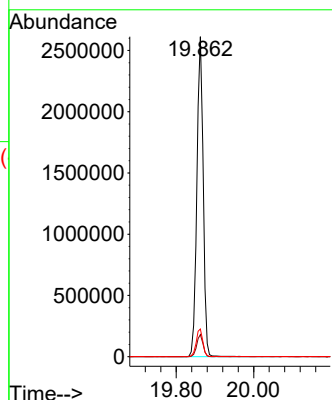
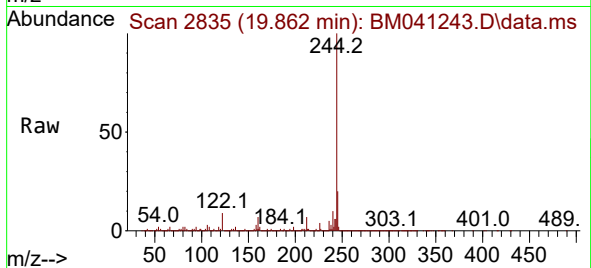
Tgt Ion:244 Resp: 2940522

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 8.6 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 16.433 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM041243.D

Acq: 02 Aug 2023 14:02

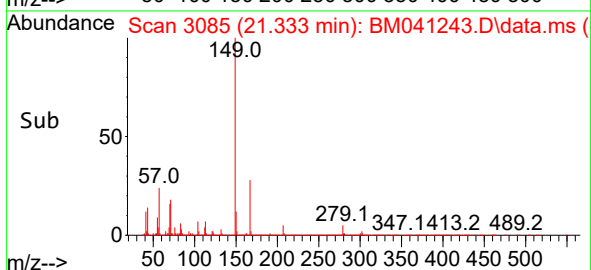
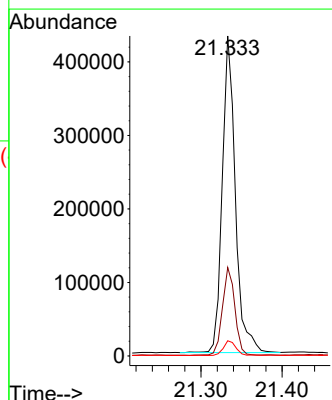
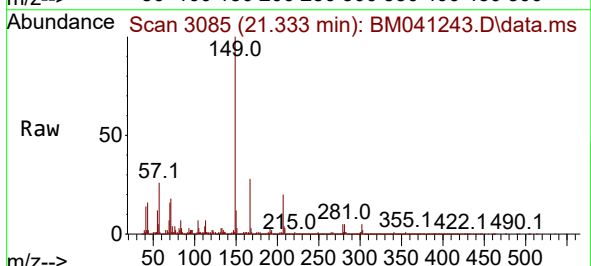
Tgt Ion:149 Resp: 485334

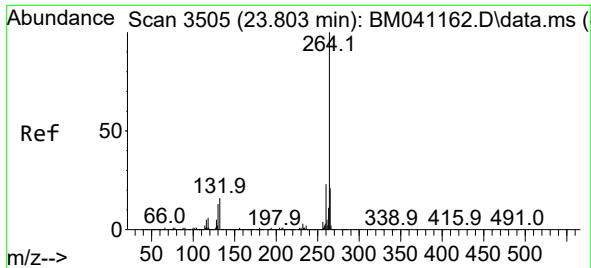
Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.6

279 4.8 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041243.D
Acq: 02 Aug 2023 14:02

Instrument :
BNA_M
ClientSampleId :
B-P3A

Tgt Ion:264 Resp: 815051
Ion Ratio Lower Upper
264 100
260 24.1 18.5 27.7
265 22.8 17.4 26.0

