

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041203.D
 Acq On : 01 Aug 2023 00:51
 Operator : MA/JU
 Sample : 03741-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P25A

Quant Time: Aug 01 01:50:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

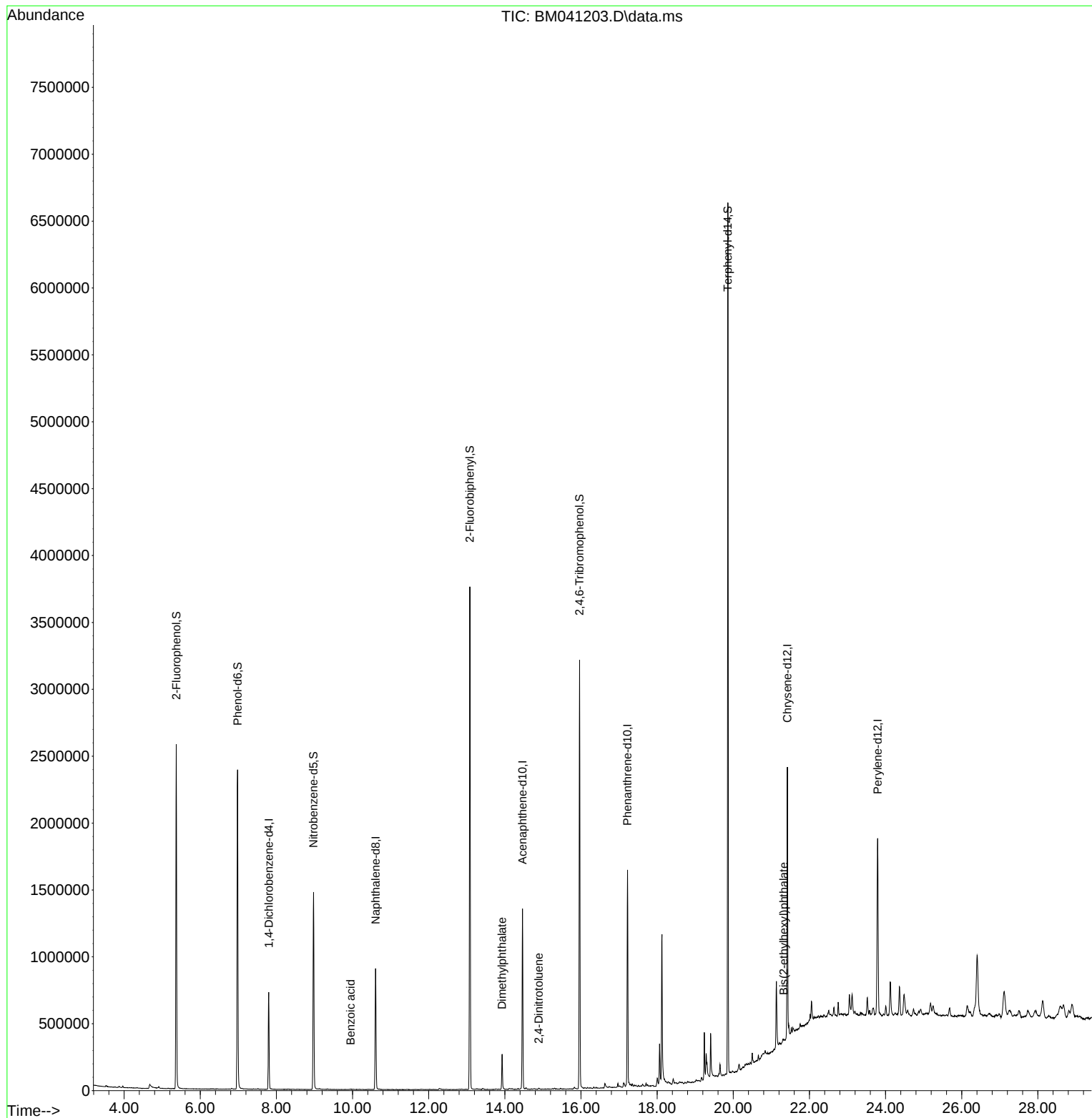
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	180643	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	710458	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	420068	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	925034	20.000	ng	0.00
76) Chrysene-d12	21.421	240	870899	20.000	ng	0.00
86) Perylene-d12	23.792	264	968500	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1026495	84.929	ng	0.00
7) Phenol-d6	6.981	99	1314051	83.874	ng	0.00
23) Nitrobenzene-d5	8.975	82	836543	54.758	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	550615	92.671	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1800466	54.144	ng	0.00
79) Terphenyl-d14	19.856	244	2955762	61.364	ng	0.00
Target Compounds						
32) Benzoic acid	9.951	122	128	7.169	ng	# 34
50) Dimethylphthalate	13.927	163	158391	5.013	ng	100
57) 2,4-Dinitrotoluene	14.892	165	761	2.747	ng	# 34
84) Bis(2-ethylhexyl)phtha...	21.327	149	4707	2.665	ng	# 97

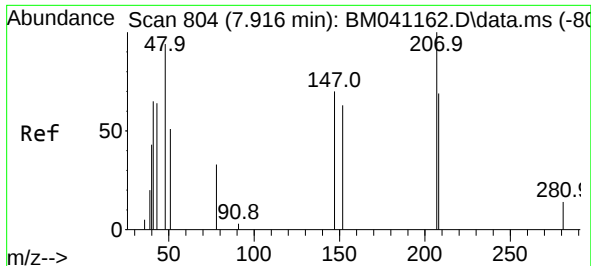
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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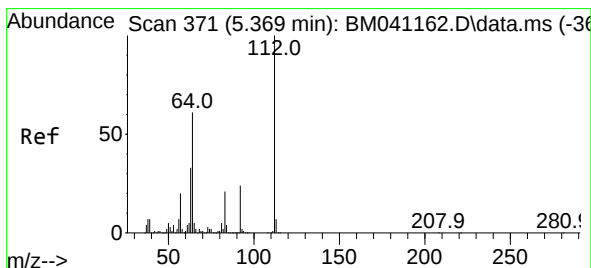
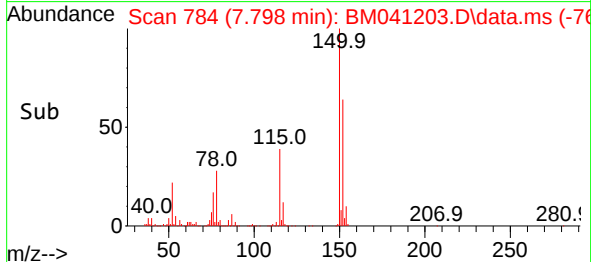
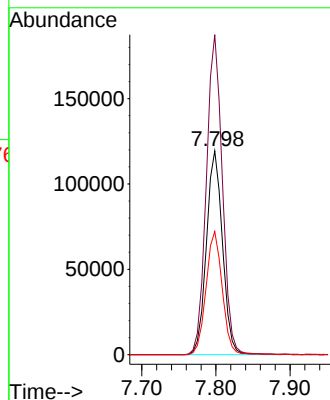
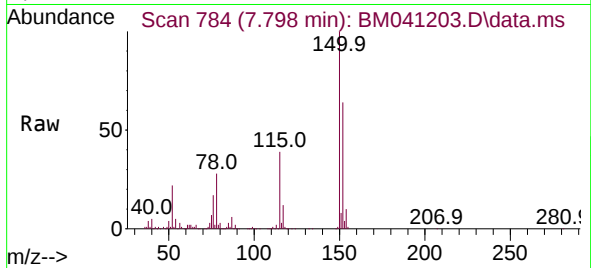




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041203.D
Acq: 01 Aug 2023 00:51

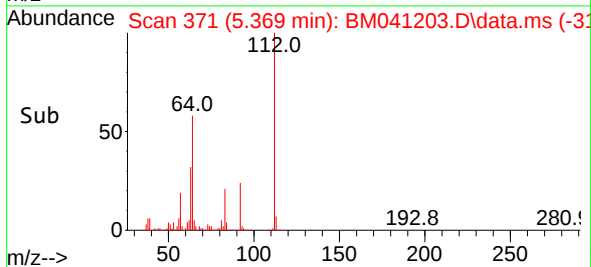
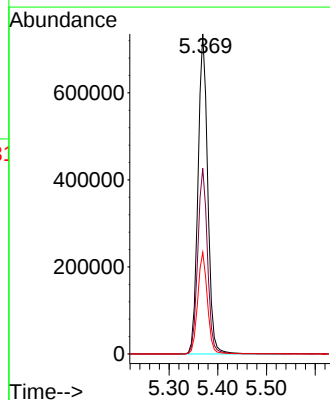
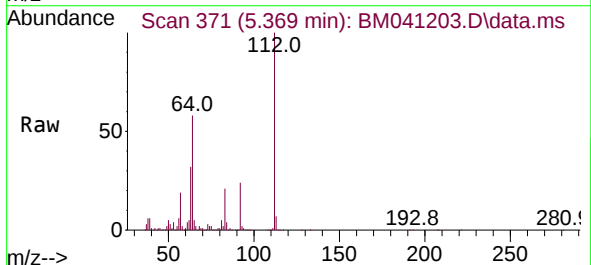
Instrument :
BNA_M
ClientSampleId :
B-P25A

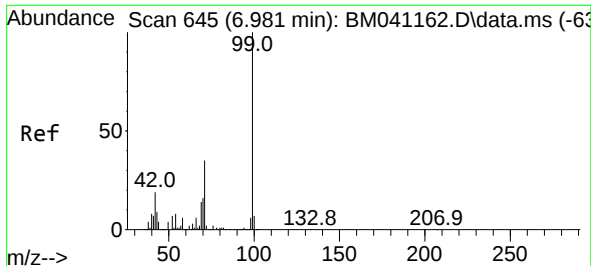
Tgt Ion:152 Resp: 180643
Ion Ratio Lower Upper
152 100
150 156.9 125.5 188.3
115 60.4 48.0 72.0



#5
2-Fluorophenol
Concen: 84.929 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041203.D
Acq: 01 Aug 2023 00:51

Tgt Ion:112 Resp: 1026495
Ion Ratio Lower Upper
112 100
64 58.0 48.5 72.7
63 31.8 26.5 39.7

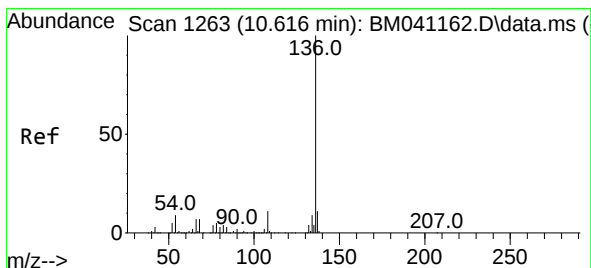
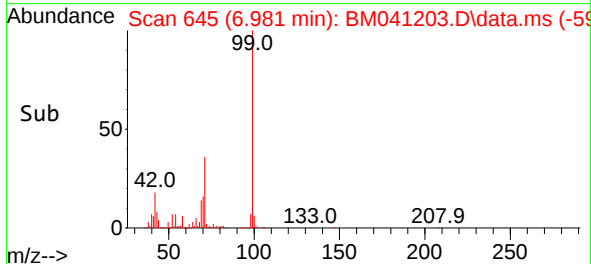
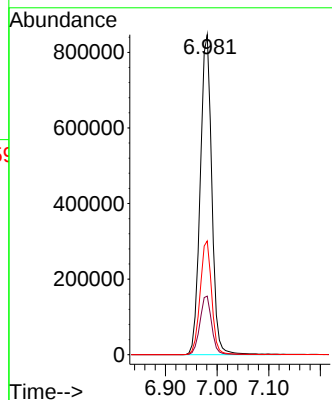
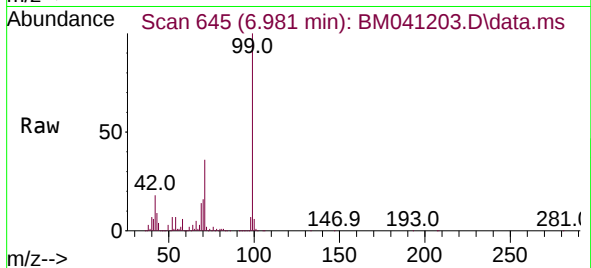




#7
Phenol-d6
Concen: 83.874 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041203.D
Acq: 01 Aug 2023 00:51

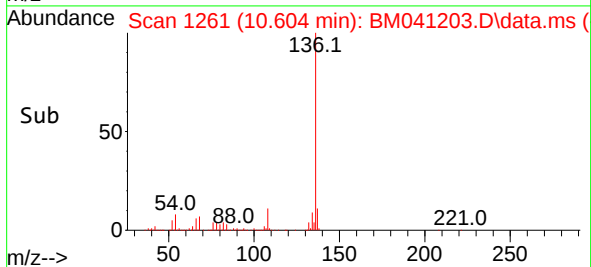
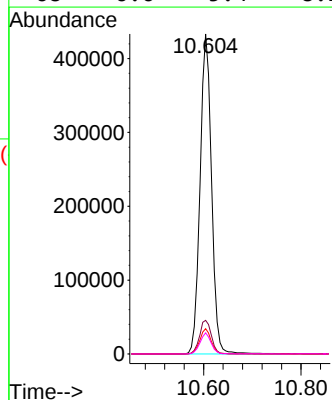
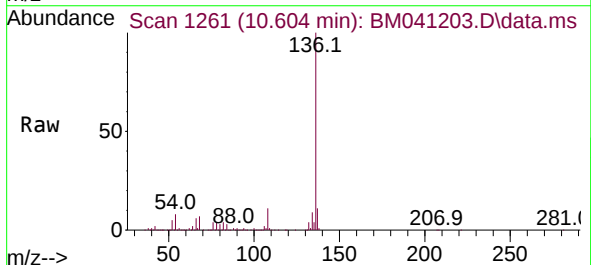
Instrument :
BNA_M
ClientSampleId :
B-P25A

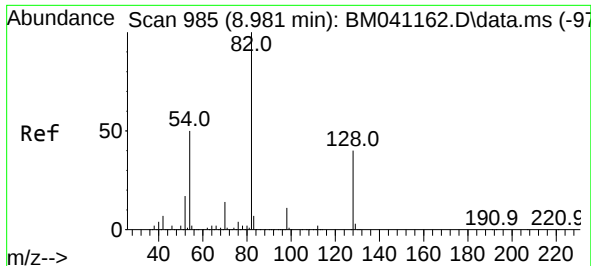
Tgt Ion: 99 Resp: 1314051
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 35.5 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM041203.D
Acq: 01 Aug 2023 00:51

Tgt Ion: 136 Resp: 710458
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.9 6.9 10.3
68 6.6 5.4 8.2

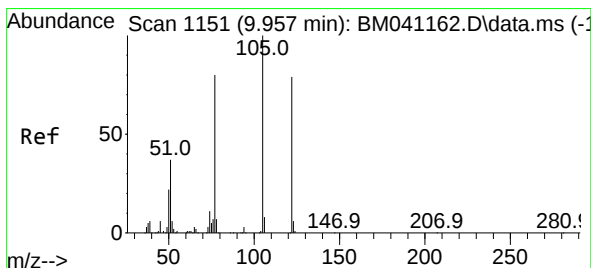
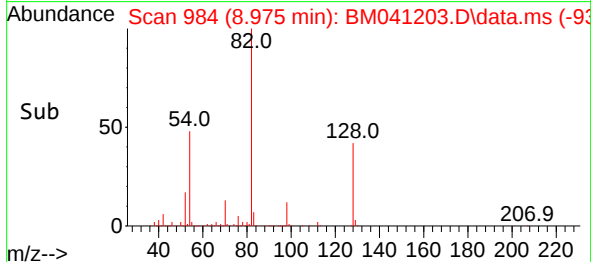
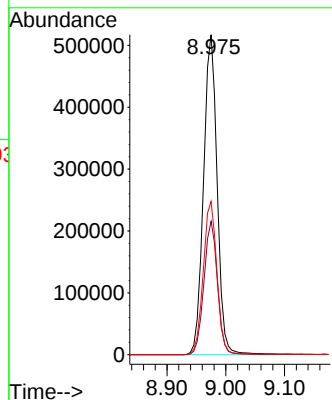
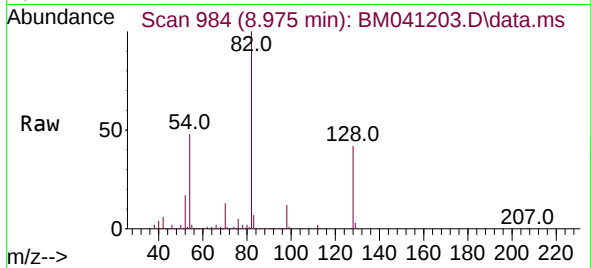




#23
Nitrobenzene-d5
Concen: 54.758 ng
RT: 8.975 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041203.D
Acq: 01 Aug 2023 00:51

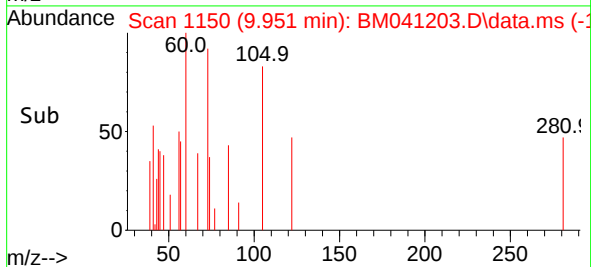
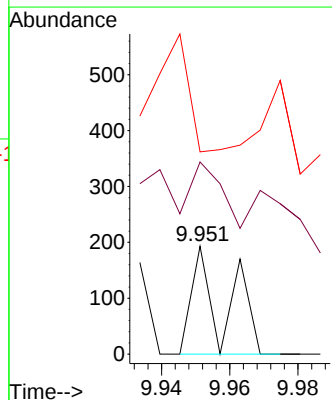
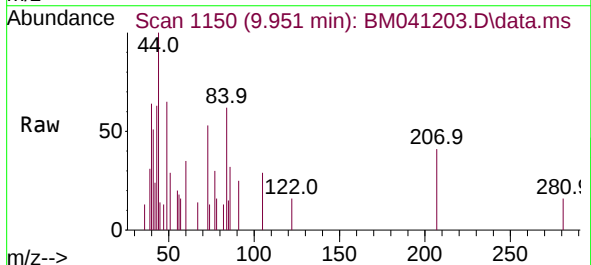
Instrument :
BNA_M
ClientSampleId :
B-P25A

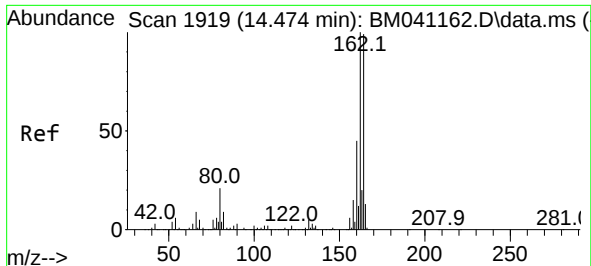
Tgt Ion: 82 Resp: 836543
Ion Ratio Lower Upper
82 100
128 41.7 31.8 47.6
54 47.9 40.1 60.1



#32
Benzoic acid
Concen: 7.169 ng
RT: 9.951 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BM041203.D
Acq: 01 Aug 2023 00:51

Tgt Ion: 122 Resp: 128
Ion Ratio Lower Upper
122 100
105 178.2 104.0 144.0#
77 187.6 79.9 119.9#

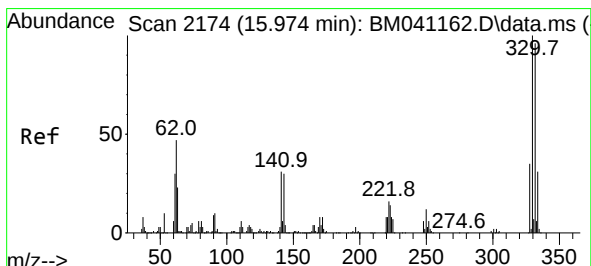
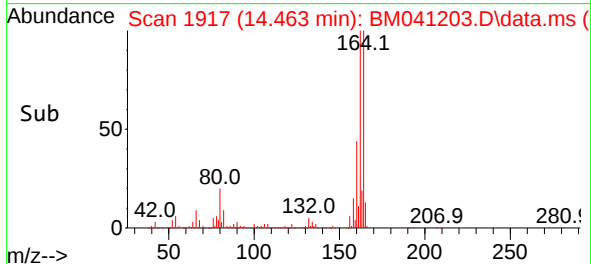
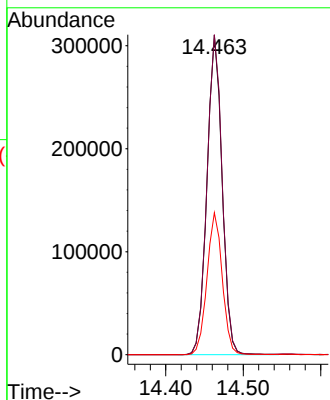
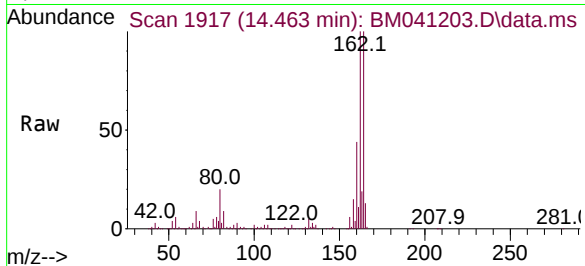




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM041203.D
Acq: 01 Aug 2023 00:51

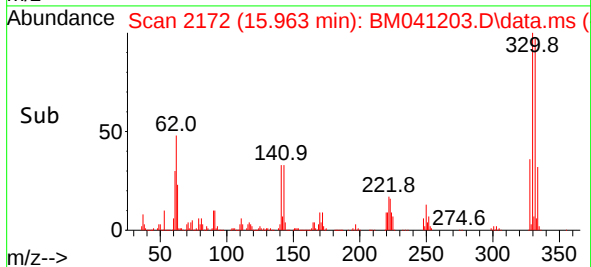
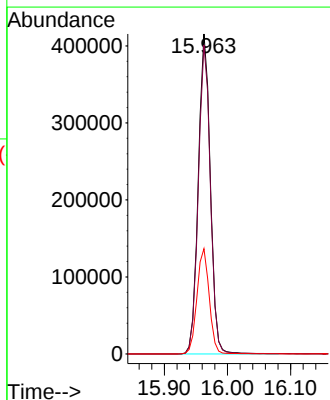
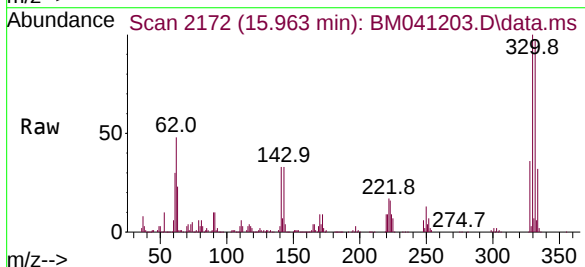
Instrument :
BNA_M
ClientSampleId :
B-P25A

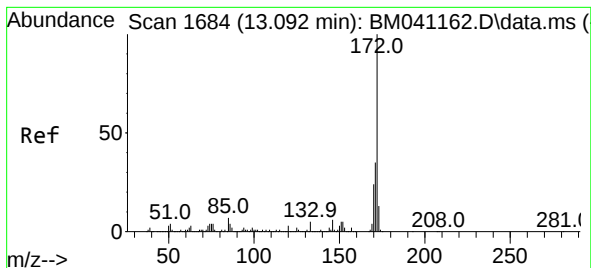
Tgt Ion:164 Resp: 420068
Ion Ratio Lower Upper
164 100
162 100.1 80.4 120.6
160 44.4 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 92.671 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM041203.D
Acq: 01 Aug 2023 00:51

Tgt Ion:330 Resp: 550615
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 33.5 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 54.144 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041203.D

Acq: 01 Aug 2023 00:51

Instrument :

BNA_M

ClientSampleId :

B-P25A

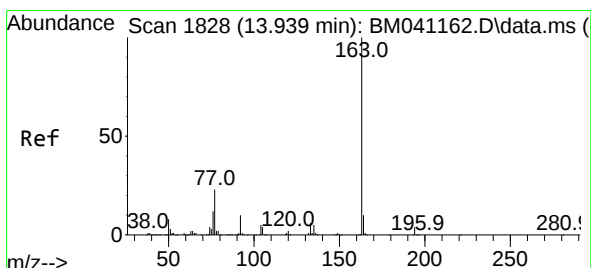
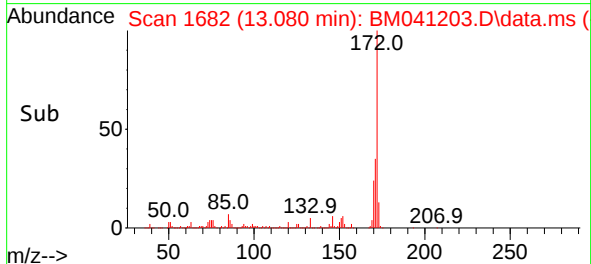
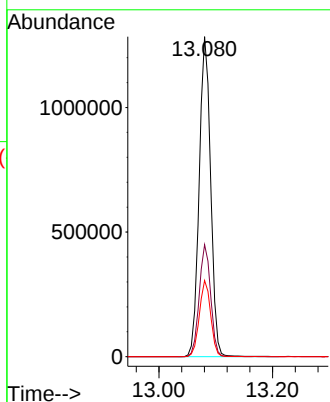
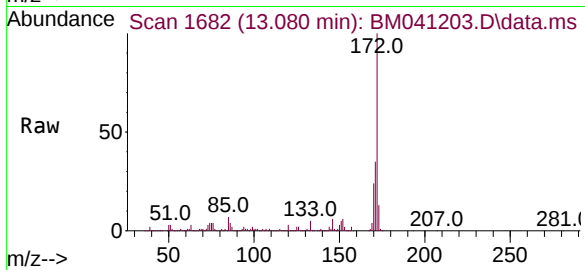
Tgt Ion:172 Resp: 1800466

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.8 18.9 28.3



#50

Dimethylphthalate

Concen: 5.013 ng

RT: 13.927 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BM041203.D

Acq: 01 Aug 2023 00:51

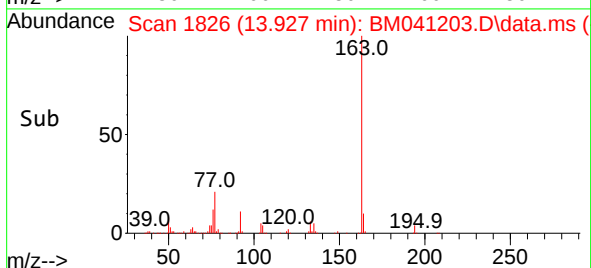
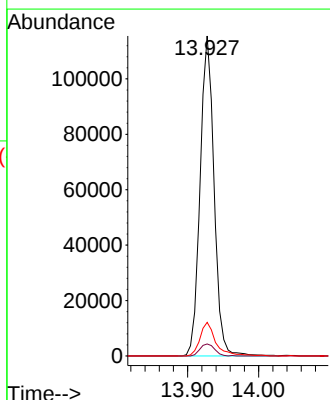
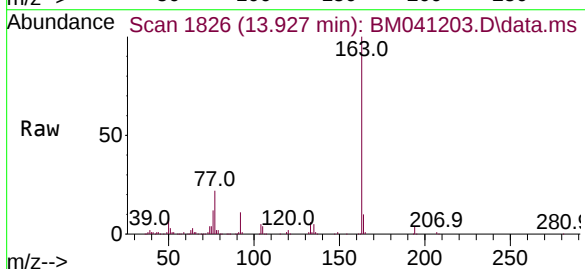
Tgt Ion:163 Resp: 158391

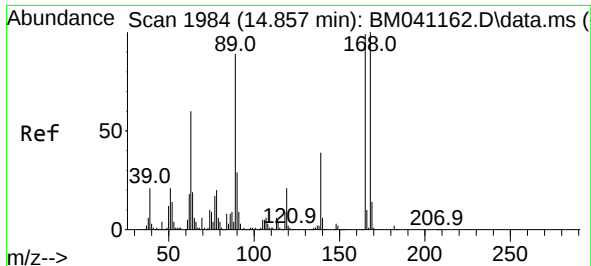
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.5 8.3 12.5





#57

2,4-Dinitrotoluene

Concen: 2.747 ng

RT: 14.892 min Scan# 1984

Delta R.T. 0.041 min

Lab File: BM041203.D

Acq: 01 Aug 2023 00:51

Instrument :

BNA_M

ClientSampleId :

B-P25A

Tgt Ion:165 Resp: 761

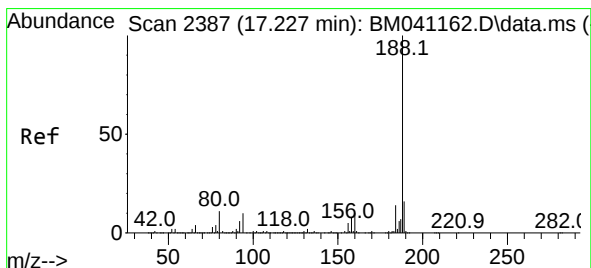
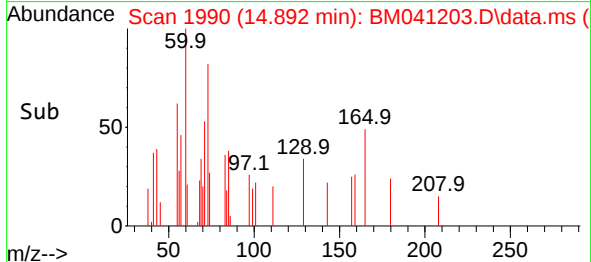
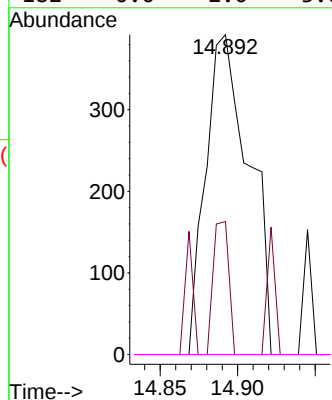
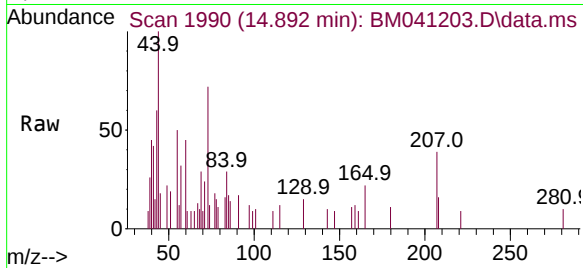
Ion Ratio Lower Upper

165 100

63 41.6 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: 17.221 min Scan# 2386

Delta R.T. 0.000 min

Lab File: BM041203.D

Acq: 01 Aug 2023 00:51

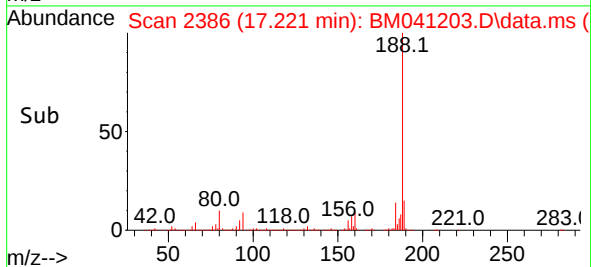
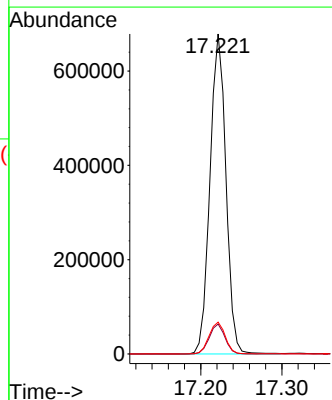
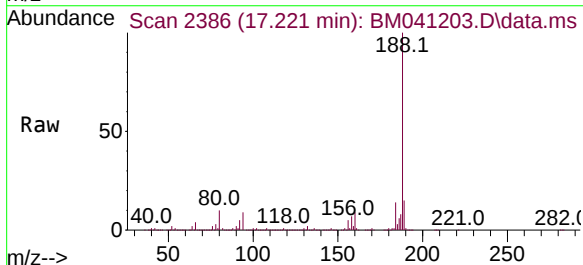
Tgt Ion:188 Resp: 925034

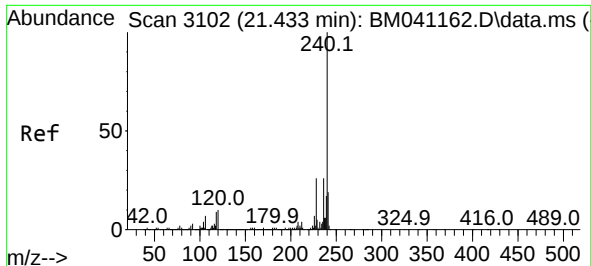
Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

80 9.9 8.6 13.0

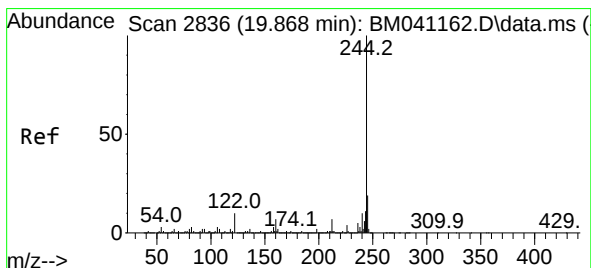
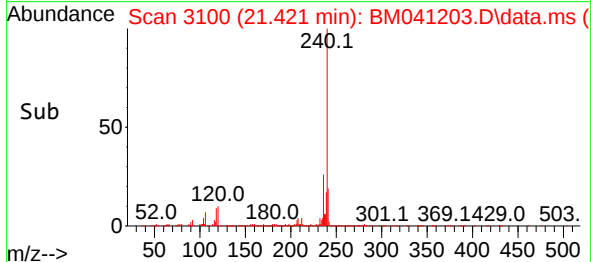
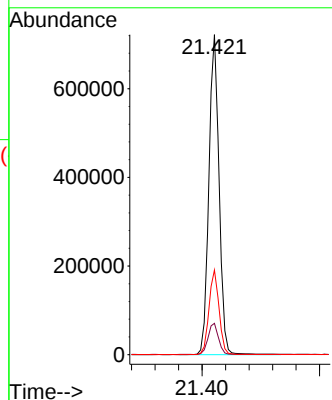
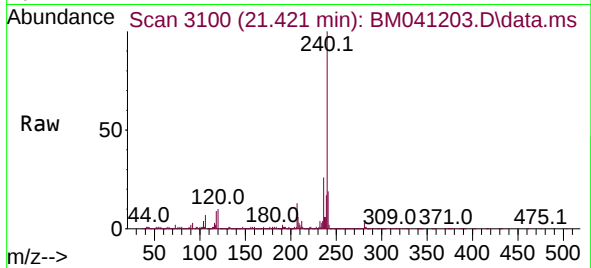




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041203.D
Acq: 01 Aug 2023 00:51

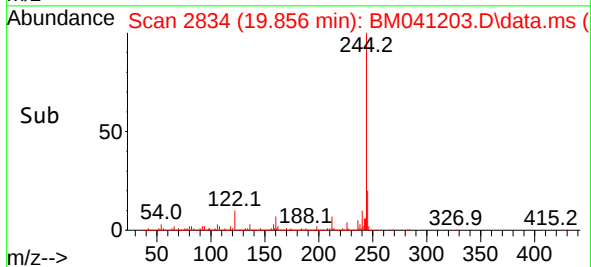
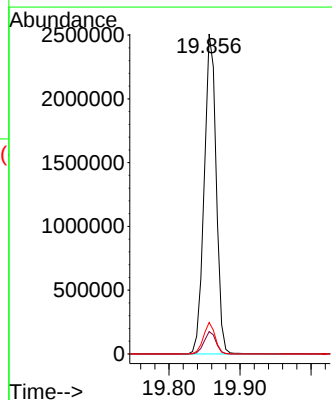
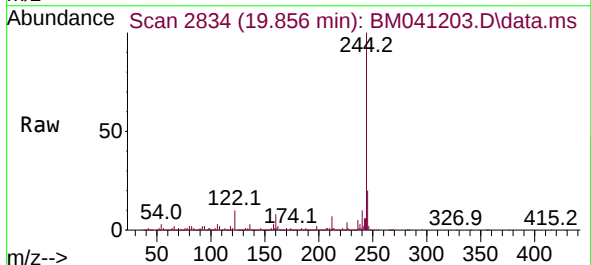
Instrument :
BNA_M
ClientSampleId :
B-P25A

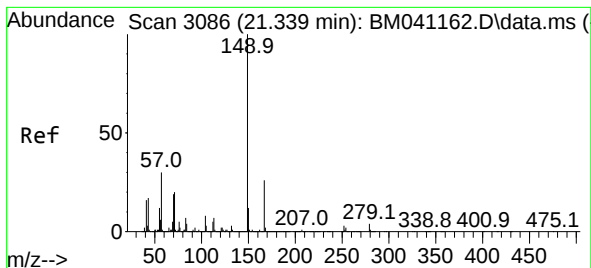
Tgt Ion:240 Resp: 870899
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 26.4 20.6 30.8



#79
Terphenyl-d14
Concen: 61.364 ng
RT: 19.856 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BM041203.D
Acq: 01 Aug 2023 00:51

Tgt Ion:244 Resp: 2955762
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.8 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.665 ng

RT: 21.327 min Scan# 3084

Delta R.T. -0.012 min

Lab File: BM041203.D

Acq: 01 Aug 2023 00:51

Instrument :

BNA_M

ClientSampleId :

B-P25A

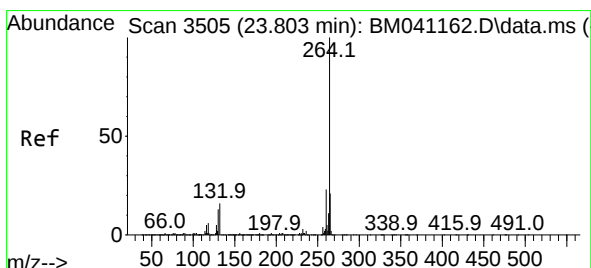
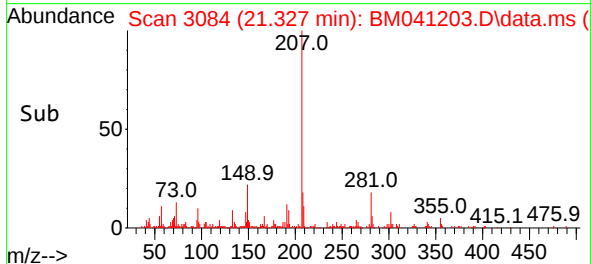
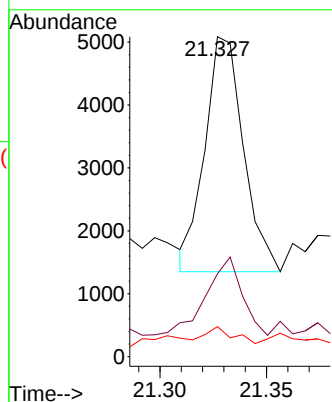
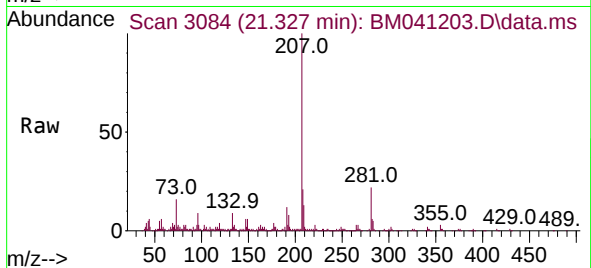
Tgt Ion:149 Resp: 4707

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.6

279 9.4 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.792 min Scan# 3503

Delta R.T. -0.006 min

Lab File: BM041203.D

Acq: 01 Aug 2023 00:51

Tgt Ion:264 Resp: 968500

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.3 17.4 26.0

