

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040105.D
 Acq On : 06 Jun 2023 15:53
 Operator : MA/JU
 Sample : 02986-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-13-0A

Quant Time: Jun 06 18:56:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

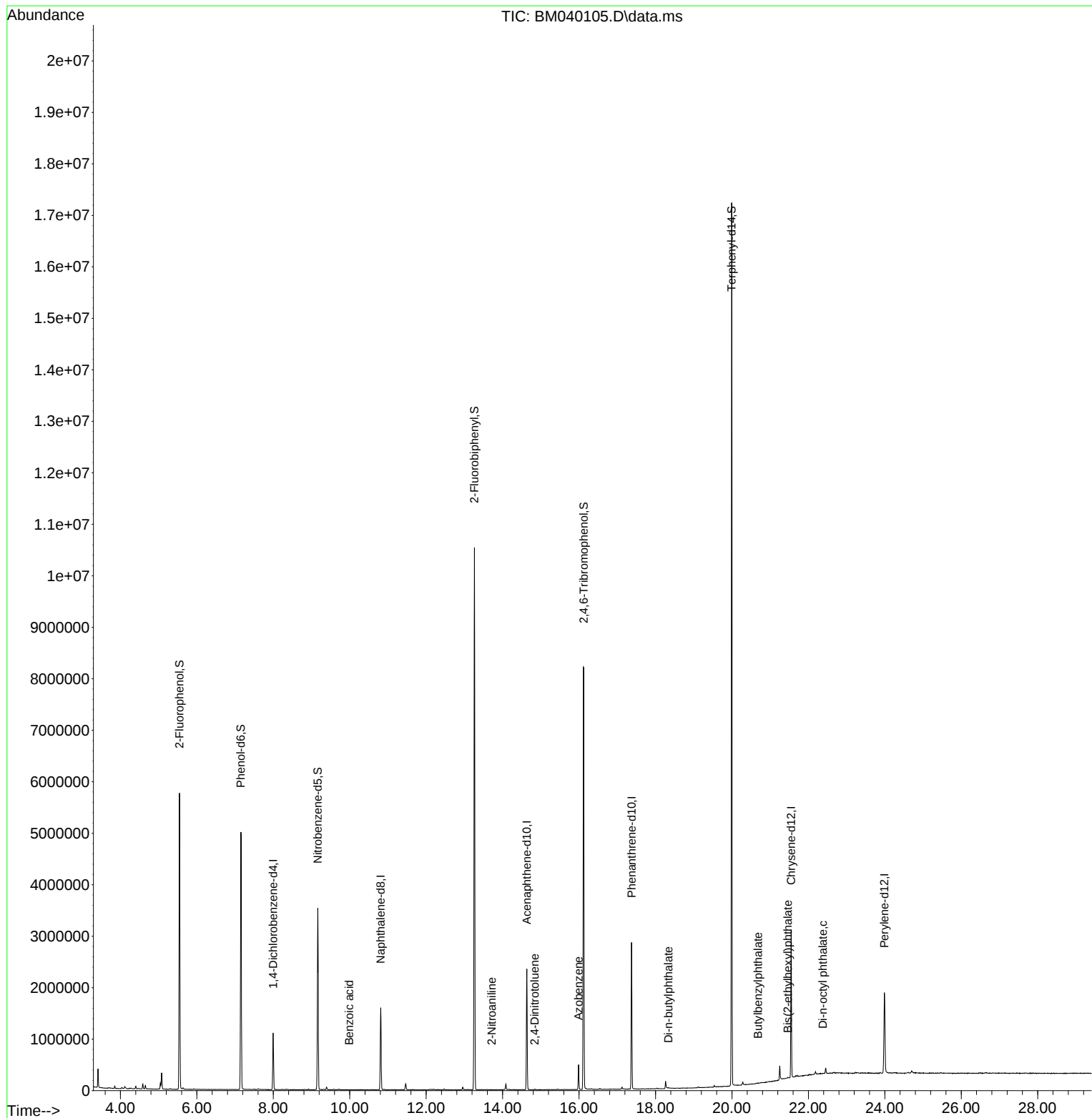
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	302962	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1303940	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	748280	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1515709	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1134941	20.000	ng	0.00
86) Perylene-d12	23.991	264	1044775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2590416	131.156	ng	0.00
7) Phenol-d6	7.151	99	3065310	118.976	ng	0.00
23) Nitrobenzene-d5	9.163	82	1986198	82.194	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1593248	164.048	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	5118069	80.674	ng	0.00
79) Terphenyl-d14	19.992	244	8049413	110.123	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.986	122	58	7.806	ng	# 1
48) 2-Nitroaniline	13.716	65	247	2.578	ng	# 33
57) 2,4-Dinitrotoluene	14.839	165	54	3.751	ng	# 1
63) Azobenzene	15.986	77	127004	2.285	ng	# 1
74) Di-n-butylphthalate	18.339	149	6524	3.720	ng	# 93
80) Butylbenzylphthalate	20.680	149	1074	4.860	ng	# 75
84) Bis(2-ethylhexyl)phtha...	21.462	149	5097	3.688	ng	# 88
85) Di-n-octyl phthalate	22.380	149	1095	6.624	ng	# 78

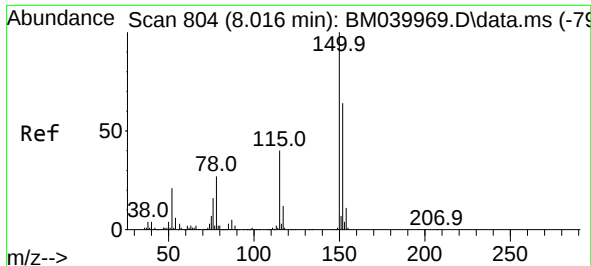
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

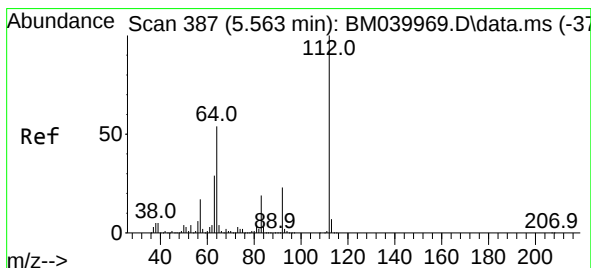
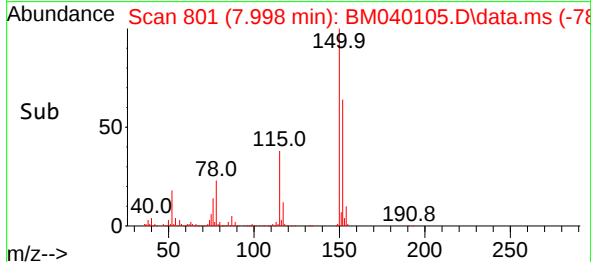
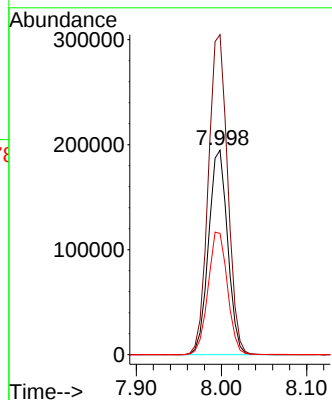
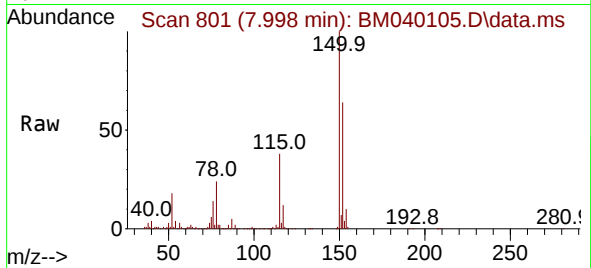




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 804
Delta R.T. -0.001 min
Lab File: BM040105.D
Acq: 06 Jun 2023 15:53

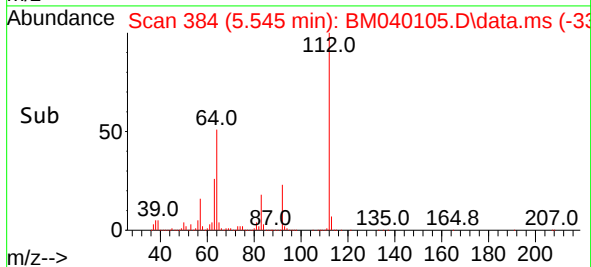
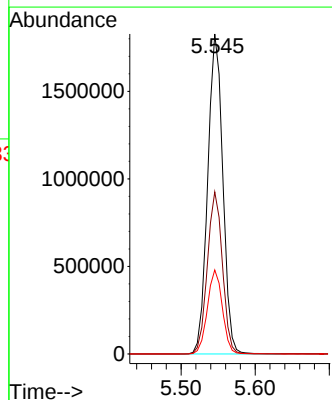
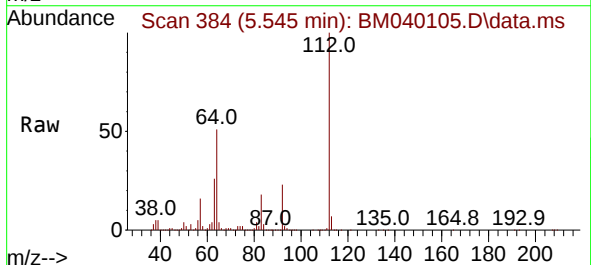
Instrument :
BNA_M
ClientSampleId :
TP-13-0A

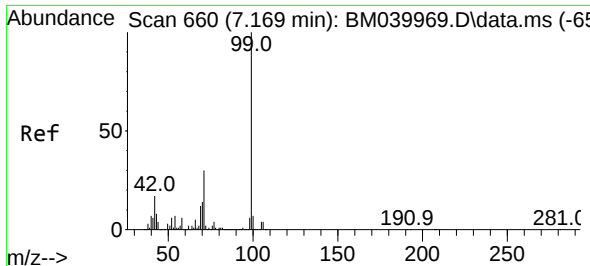
Tgt Ion:152 Resp: 302962
Ion Ratio Lower Upper
152 100
150 156.5 125.5 188.3
115 59.3 50.2 75.2



#5
2-Fluorophenol
Concen: 131.156 ng
RT: 5.545 min Scan# 384
Delta R.T. 0.005 min
Lab File: BM040105.D
Acq: 06 Jun 2023 15:53

Tgt Ion:112 Resp: 2590416
Ion Ratio Lower Upper
112 100
64 50.6 43.0 64.4
63 26.3 22.9 34.3



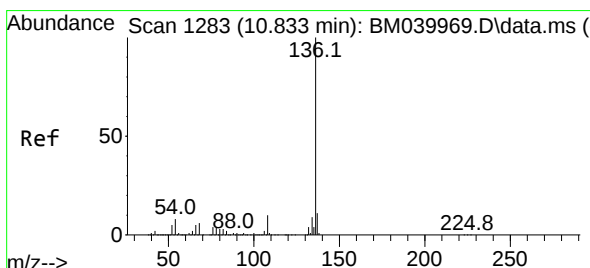
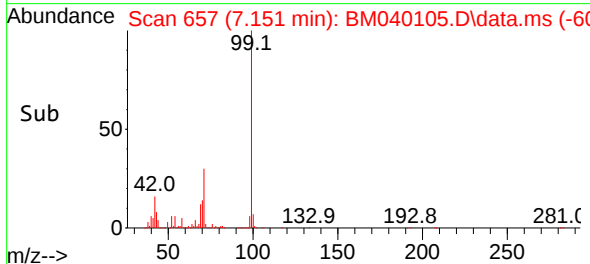
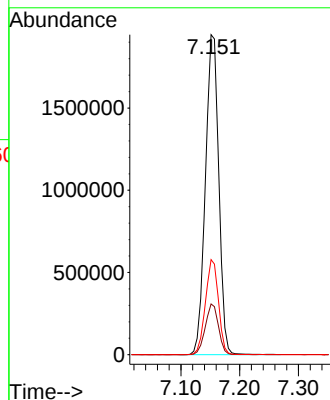
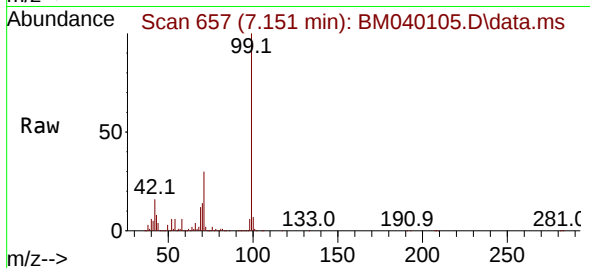


#7
Phenol-d6
Concen: 118.976 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040105.D
Acq: 06 Jun 2023 15:53

Instrument :
BNA_M
ClientSampleId :
TP-13-0A

Tgt Ion: 99 Resp: 3065310

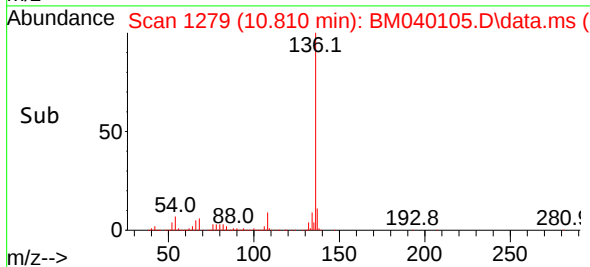
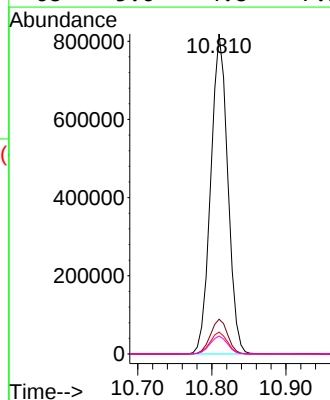
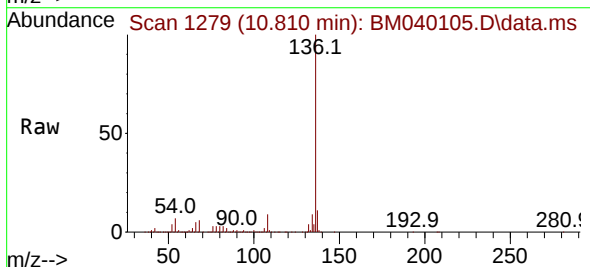
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.8	20.6
71	29.7	24.4	36.6

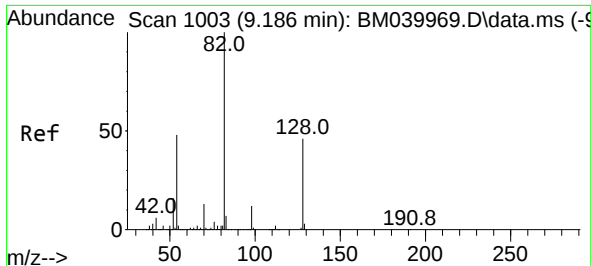


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BM040105.D
Acq: 06 Jun 2023 15:53

Tgt Ion:136 Resp: 1303940

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	6.1	9.1
68	5.6	4.8	7.2

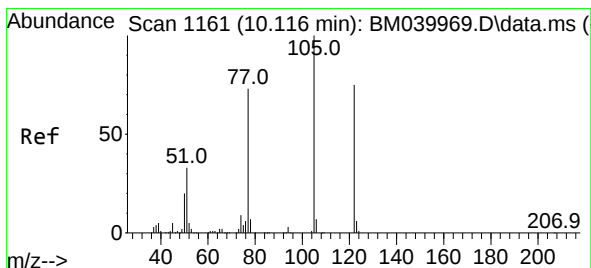
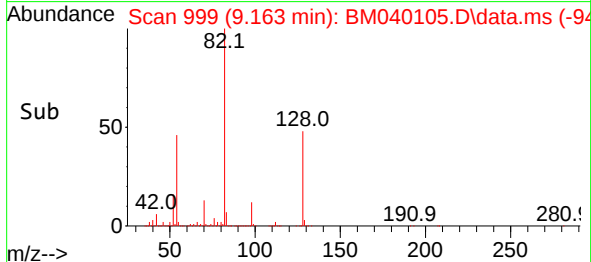
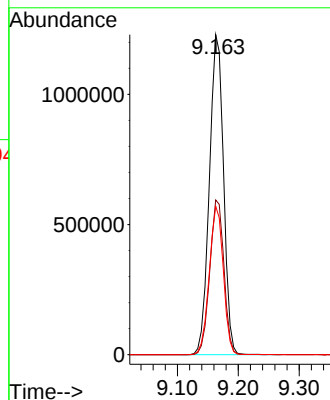
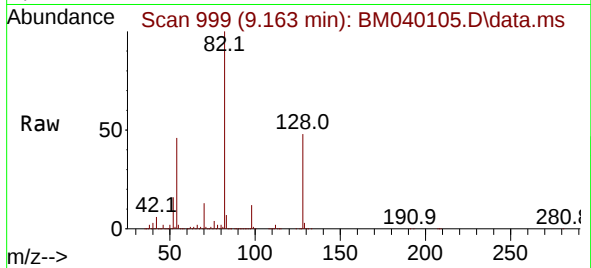




#23
Nitrobenzene-d5
Concen: 82.194 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040105.D
Acq: 06 Jun 2023 15:53

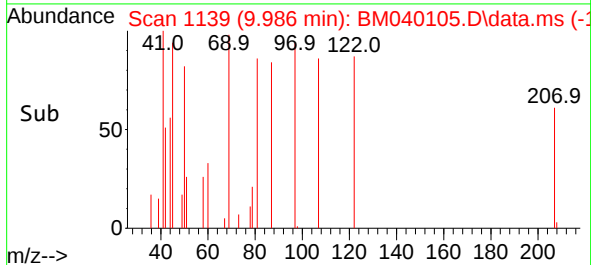
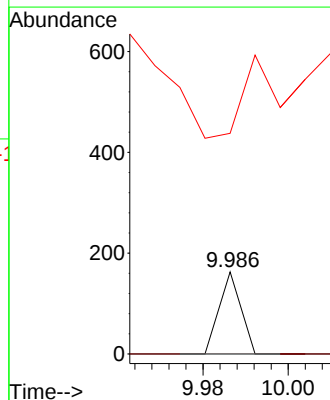
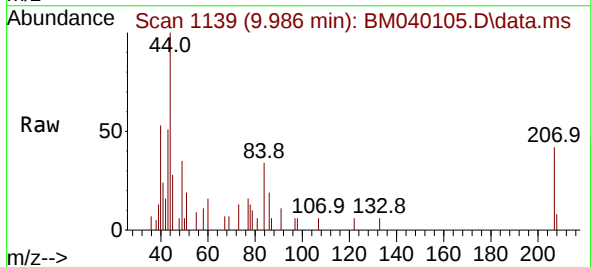
Instrument :
BNA_M
ClientSampleId :
TP-13-0A

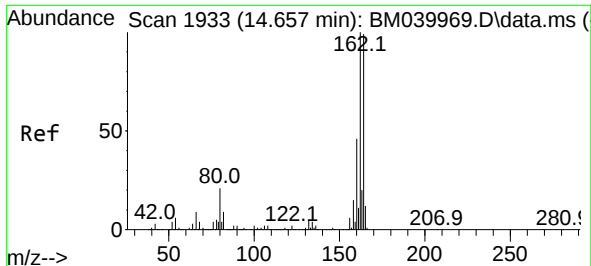
Tgt Ion: 82 Resp: 1986198
Ion Ratio Lower Upper
82 100
128 48.4 36.5 54.7
54 46.3 38.3 57.5



#32
Benzoic acid
Concen: 7.806 ng
RT: 9.986 min Scan# 1139
Delta R.T. -0.130 min
Lab File: BM040105.D
Acq: 06 Jun 2023 15:53

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 106.0 146.0#
77 268.7 74.7 114.7#

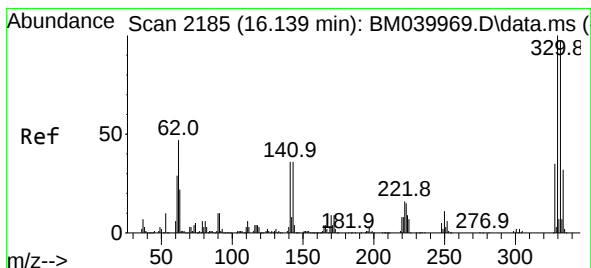
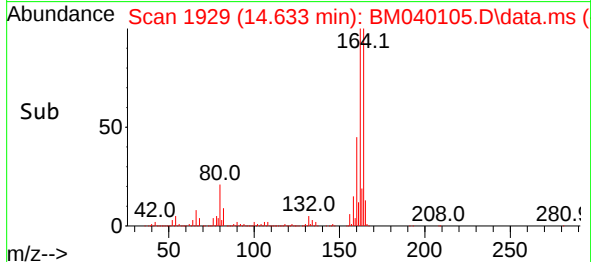
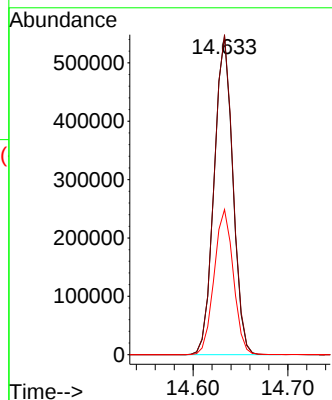
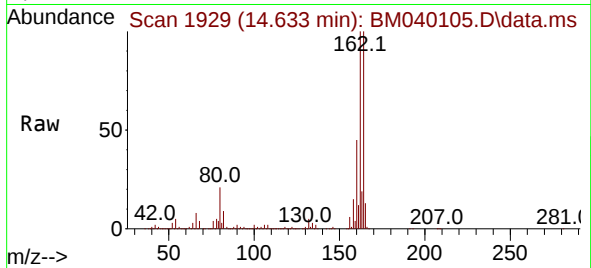




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM040105.D
Acq: 06 Jun 2023 15:53

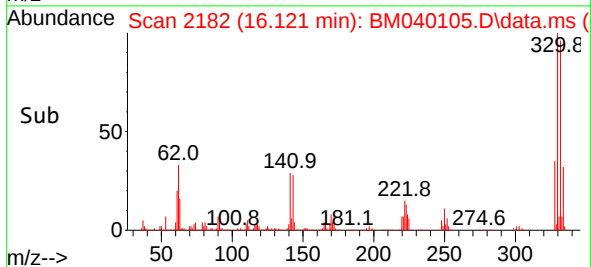
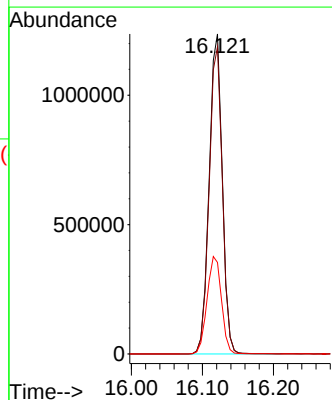
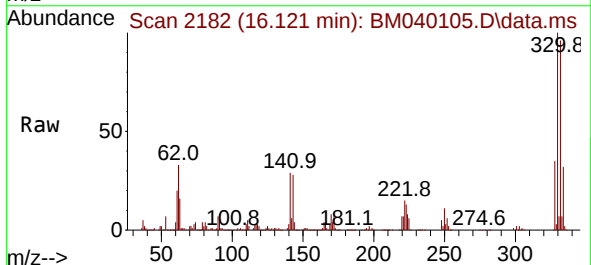
Instrument :
BNA_M
ClientSampleId :
TP-13-0A

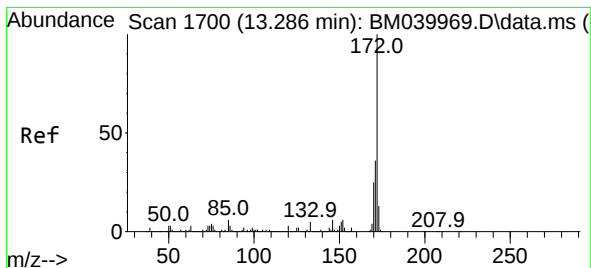
Tgt Ion:164 Resp: 748280
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 45.6 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 164.048 ng
RT: 16.121 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM040105.D
Acq: 06 Jun 2023 15:53

Tgt Ion:330 Resp: 1593248
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 33.5 31.6 47.4





#45

2-Fluorobiphenyl

Concen: 80.674 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040105.D

Acq: 06 Jun 2023 15:53

Instrument :

BNA_M

ClientSampleId :

TP-13-0A

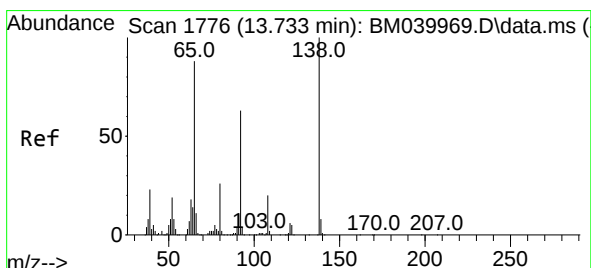
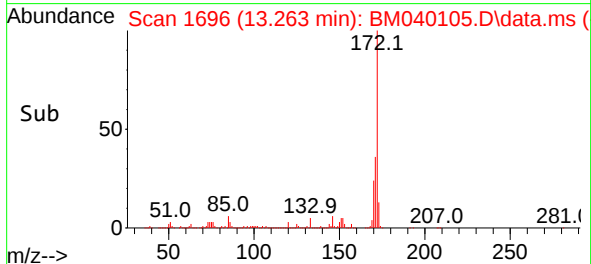
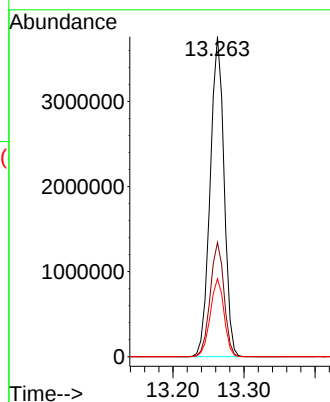
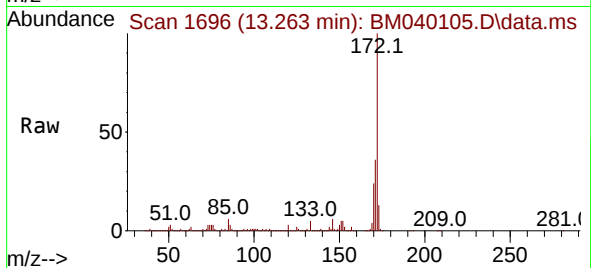
Tgt Ion:172 Resp: 5118069

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.4 19.6 29.4



#48

2-Nitroaniline

Concen: 2.578 ng

RT: 13.716 min Scan# 1773

Delta R.T. -0.000 min

Lab File: BM040105.D

Acq: 06 Jun 2023 15:53

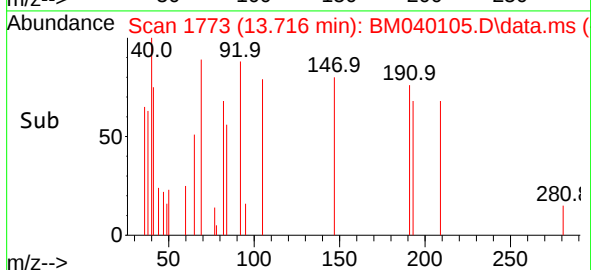
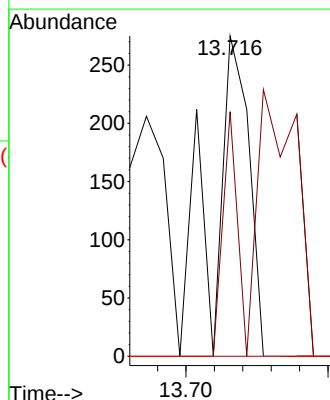
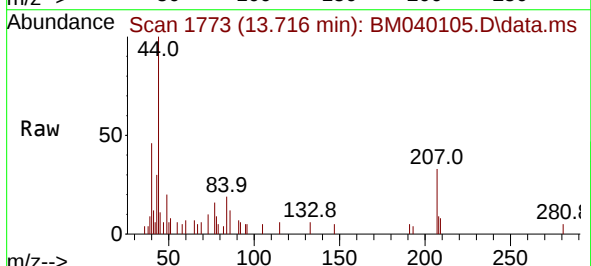
Tgt Ion: 65 Resp: 247

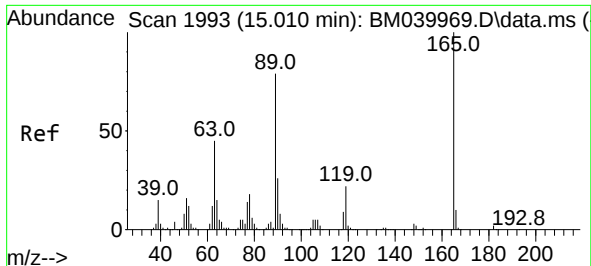
Ion Ratio Lower Upper

65 100

92 76.4 57.0 85.6

138 0.0 91.1 136.7#





#57

2,4-Dinitrotoluene

Concen: 3.751 ng

RT: 14.839 min Scan# 1993

Delta R.T. -0.153 min

Lab File: BM040105.D

Acq: 06 Jun 2023 15:53

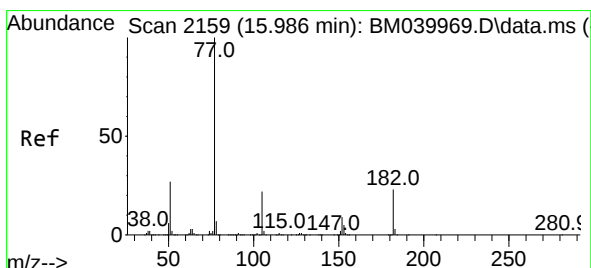
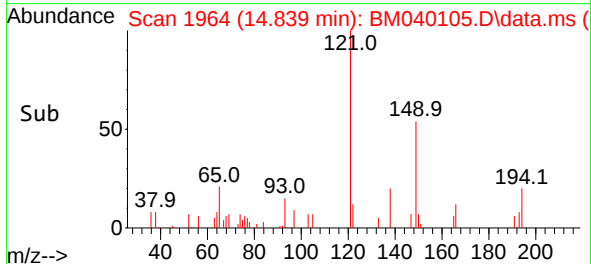
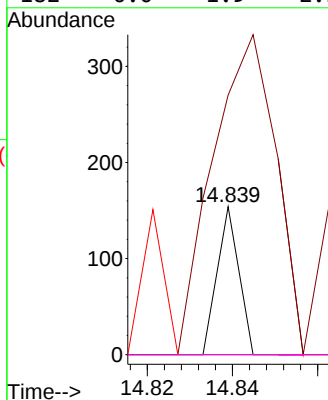
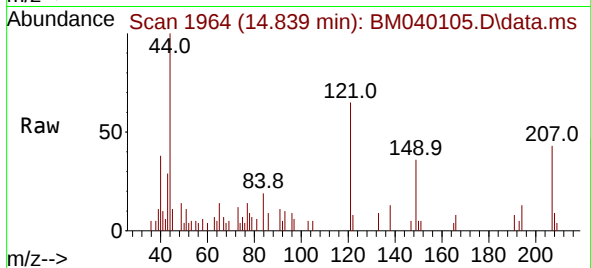
Instrument :

BNA_M

ClientSampleId :

TP-13-0A

Tgt Ion:	165	Resp:	54
Ion	Ratio	Lower	Upper
165	100		
63	175.3	36.2	54.2#
89	0.0	63.4	95.0#
182	0.0	1.9	2.9#



#63

Azobenzene

Concen: 2.285 ng

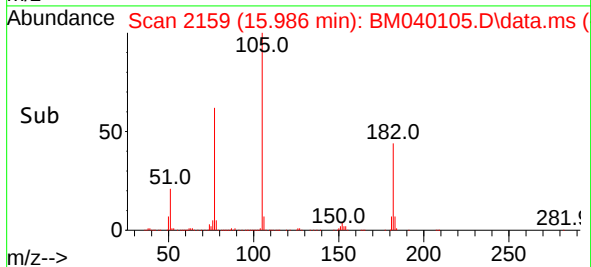
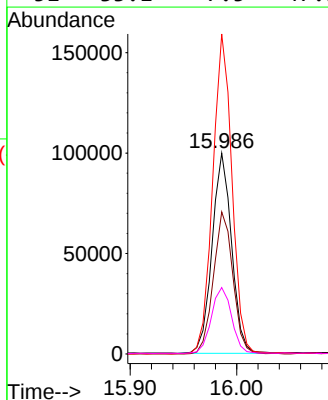
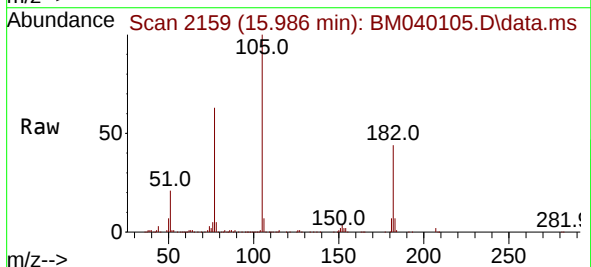
RT: 15.986 min Scan# 2159

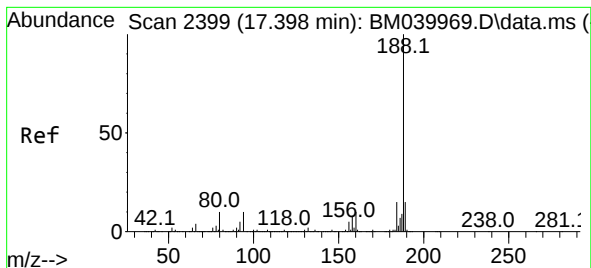
Delta R.T. 0.023 min

Lab File: BM040105.D

Acq: 06 Jun 2023 15:53

Tgt Ion:	77	Resp:	127004
Ion	Ratio	Lower	Upper
77	100		
182	70.8	2.9	42.9#
105	159.4	1.5	41.5#
51	33.1	7.5	47.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.374 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040105.D

Acq: 06 Jun 2023 15:53

Instrument :

BNA_M

ClientSampleId :

TP-13-0A

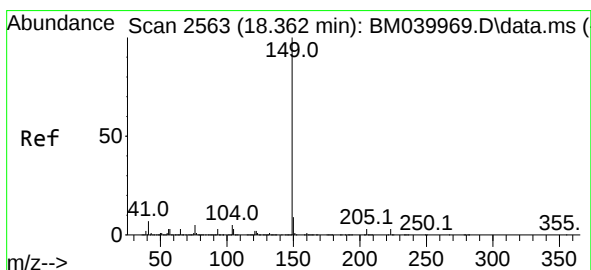
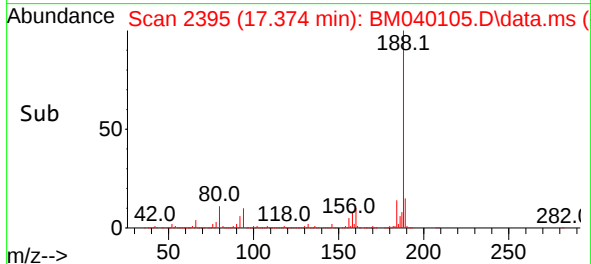
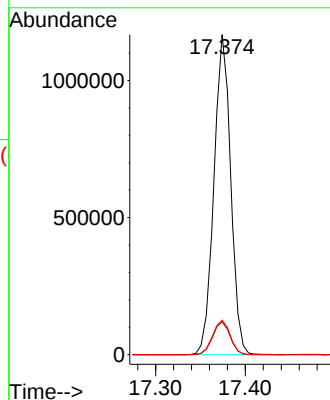
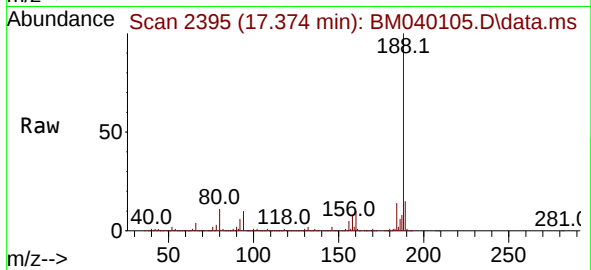
Tgt Ion:188 Resp: 1515709

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.8

80 10.8 8.2 12.4



#74

Di-n-butylphthalate

Concen: 3.720 ng

RT: 18.339 min Scan# 2559

Delta R.T. -0.006 min

Lab File: BM040105.D

Acq: 06 Jun 2023 15:53

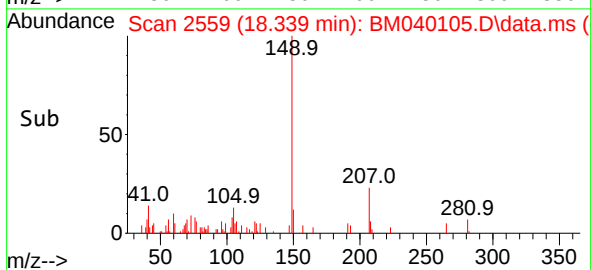
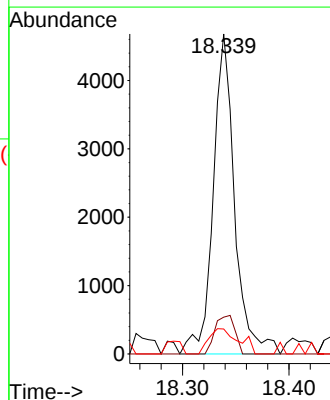
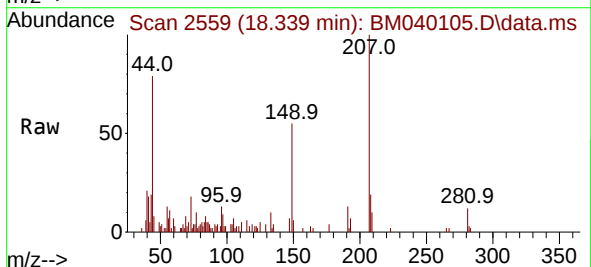
Tgt Ion:149 Resp: 6524

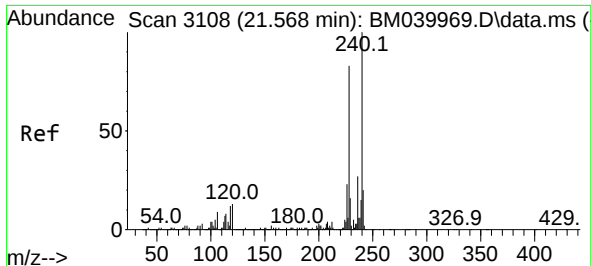
Ion Ratio Lower Upper

149 100

150 11.5 7.4 11.2#

104 7.8 4.2 6.2#

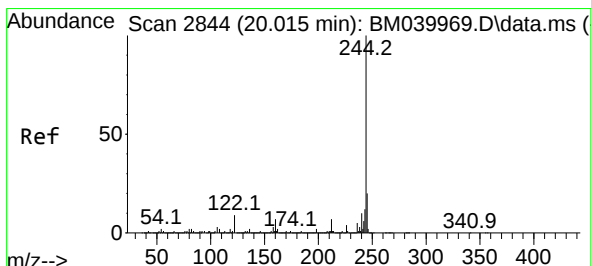
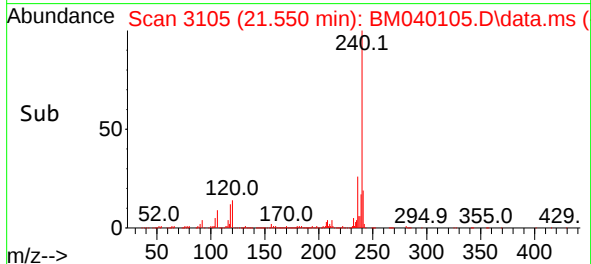
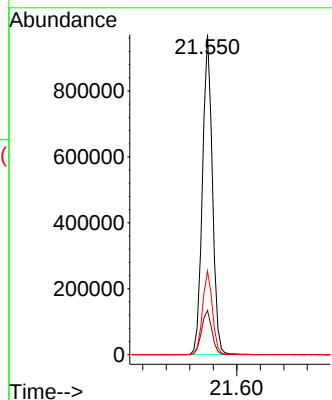
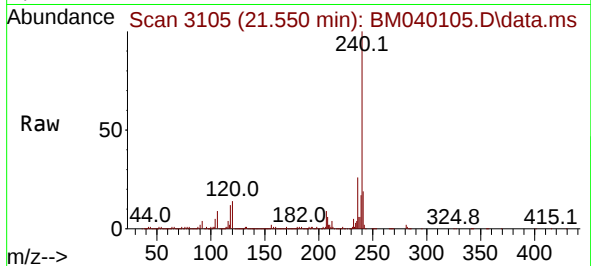




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM040105.D
Acq: 06 Jun 2023 15:53

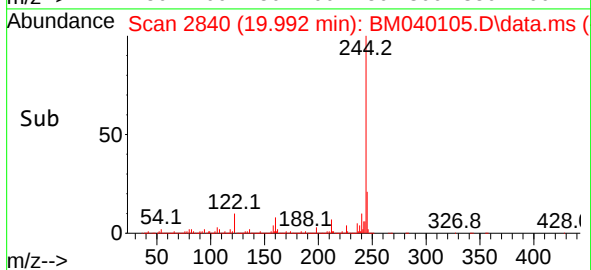
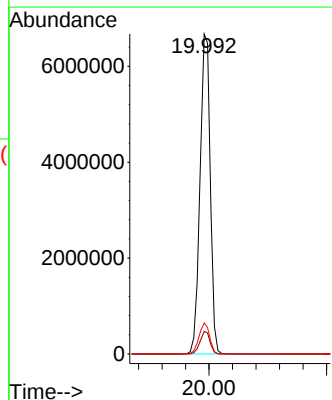
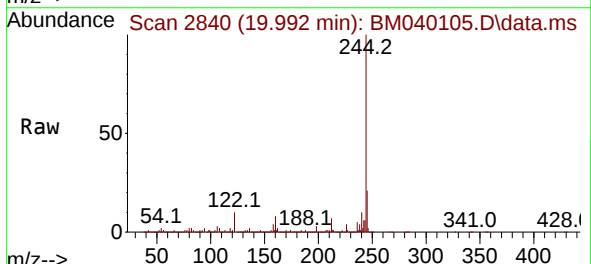
Instrument :
BNA_M
ClientSampleId :
TP-13-0A

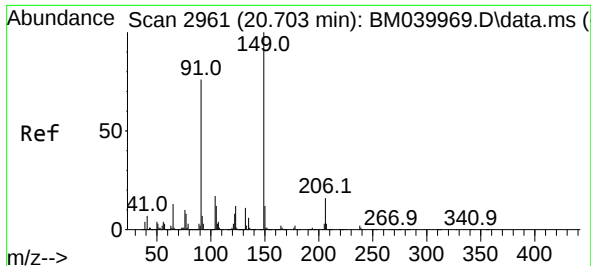
Tgt Ion:240 Resp: 1134941
Ion Ratio Lower Upper
240 100
120 13.8 10.1 15.1
236 26.1 21.3 31.9



#79
Terphenyl-d14
Concen: 110.123 ng
RT: 19.992 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BM040105.D
Acq: 06 Jun 2023 15:53

Tgt Ion:244 Resp: 8049413
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 9.7 7.1 10.7

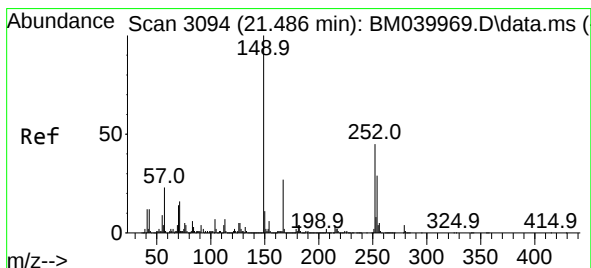
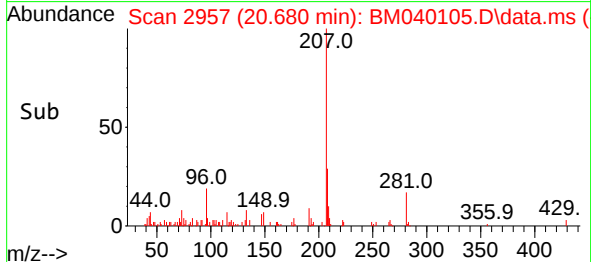
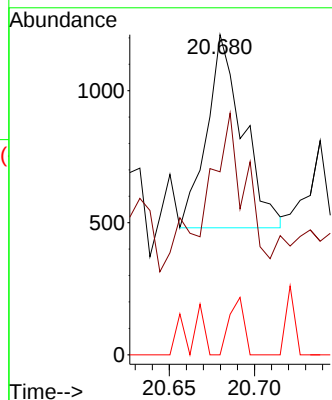
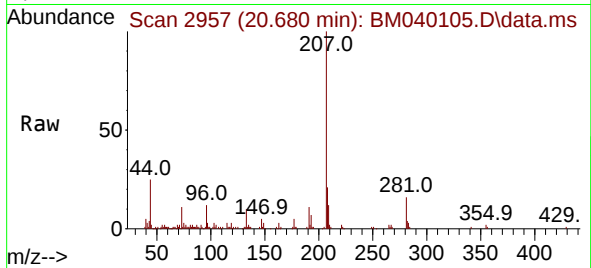




#80
Butylbenzylphthalate
Concen: 4.860 ng
RT: 20.680 min Scan# 2961
Delta R.T. -0.006 min
Lab File: BM040105.D
Acq: 06 Jun 2023 15:53

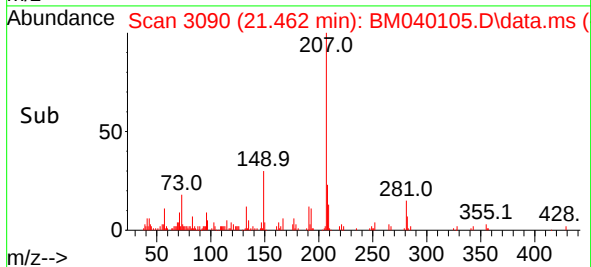
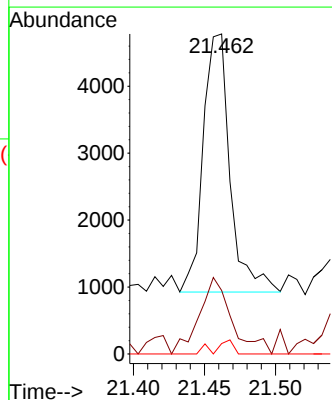
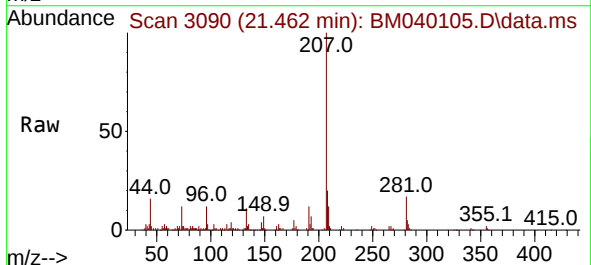
Instrument :
BNA_M
ClientSampleId :
TP-13-0A

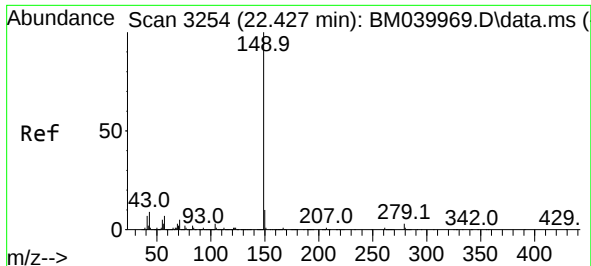
Tgt Ion:149 Resp: 1074
Ion Ratio Lower Upper
149 100
91 57.2 61.0 91.4#
206 0.0 12.7 19.1#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.688 ng
RT: 21.462 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BM040105.D
Acq: 06 Jun 2023 15:53

Tgt Ion:149 Resp: 5097
Ion Ratio Lower Upper
149 100
167 19.8 21.4 32.2#
279 3.3 3.3 4.9#

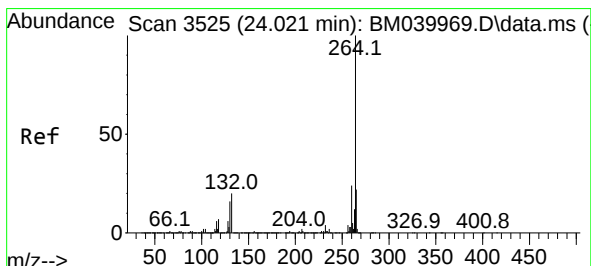
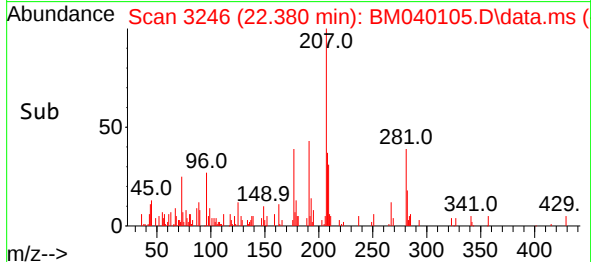
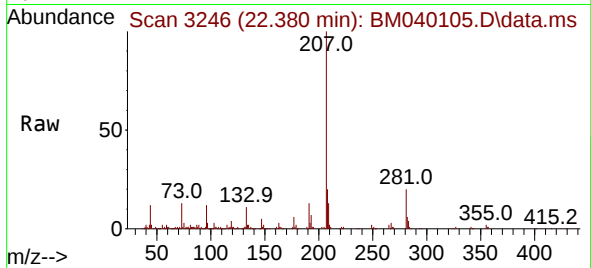




#85
 Di-n-octyl phthalate
 Concen: 6.624 ng
 RT: 22.380 min Scan# 31
 Delta R.T. -0.024 min
 Lab File: BM040105.D
 Acq: 06 Jun 2023 15:53

Instrument :
 BNA_M
 ClientSampleId :
 TP-13-0A

Tgt Ion:149 Resp: 1095
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 0.0 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.991 min Scan# 3520
 Delta R.T. -0.000 min
 Lab File: BM040105.D
 Acq: 06 Jun 2023 15:53

Tgt Ion:264 Resp: 1044775
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.9 17.7 26.5

