

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051823\
 Data File : BM039949.D
 Acq On : 18 May 2023 15:10
 Operator : CG/JU
 Sample : 02828-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-6

Quant Time: May 19 05:19:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 15:26:41 2023
 Response via : Initial Calibration

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

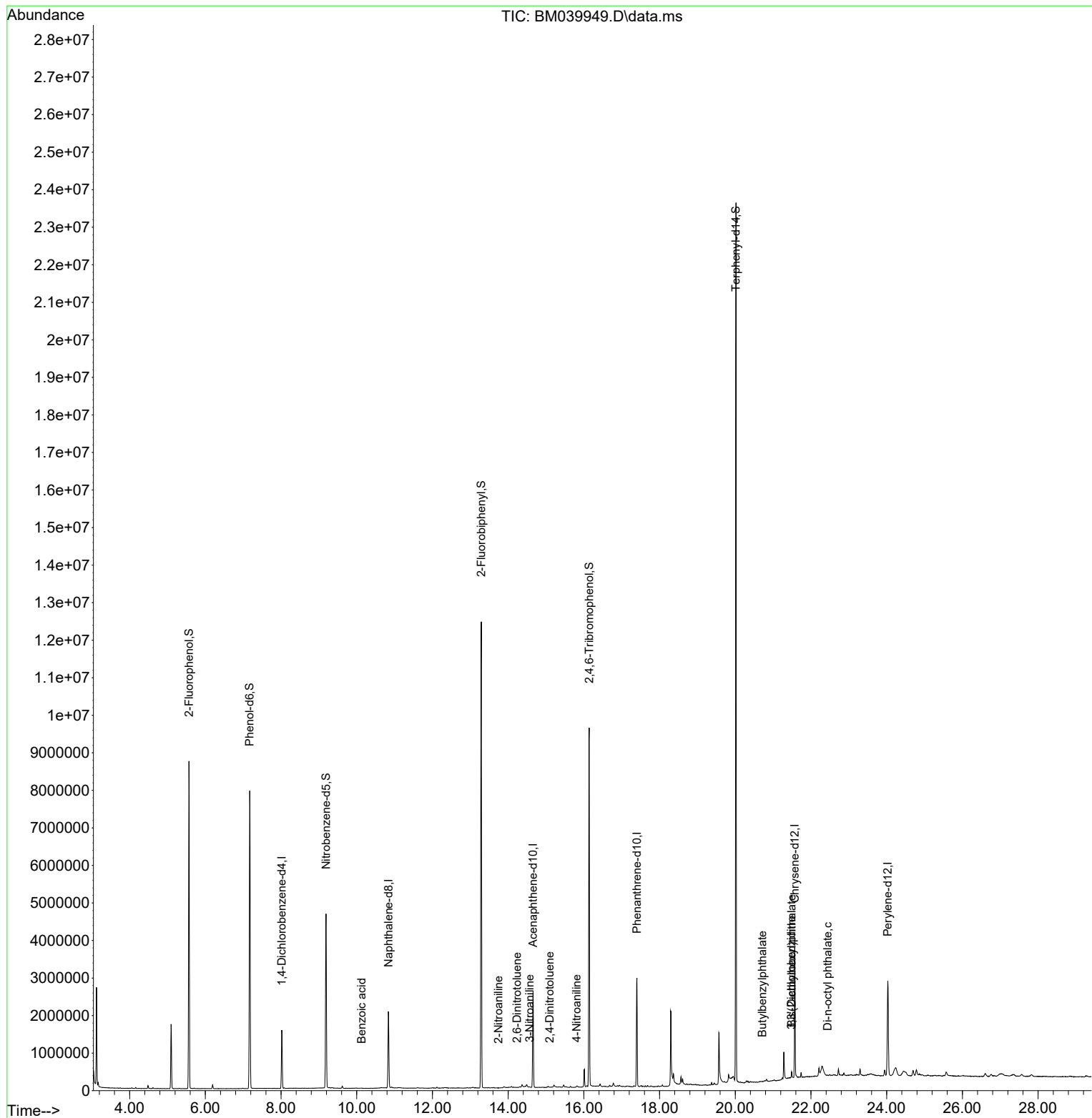
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	402949	20.000	ng	0.00
21) Naphthalene-d8	10.836	136	1617414	20.000	ng	0.00
39) Acenaphthene-d10	14.660	164	829848	20.000	ng	0.00
64) Phenanthrene-d10	17.401	188	1628414	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1430901	20.000	ng	#-0.01
86) Perylene-d12	24.030	264	1776850	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	3714817	149.820	ng	0.00
7) Phenol-d6	7.172	99	4553848	137.835	ng	0.00
23) Nitrobenzene-d5	9.190	82	2667664	96.597	ng	0.00
42) 2,4,6-Tribromophenol	16.142	330	1696987	109.082	ng	0.00
45) 2-Fluorobiphenyl	13.289	172	5793185	89.299	ng	0.00
79) Terphenyl-d14	20.018	244	9246475	116.953	ng	0.00
Target Compounds						
9) Benzaldehyde	7.172	77	8579	Below Cal	Qvalue	# 6
32) Benzoic acid	10.131	122	260	9.943 ng	#	39
48) 2-Nitroaniline	13.742	65	472	5.051 ng	#	13
51) 2,6-Dinitrotoluene	14.236	165	473	4.128 ng	#	17
53) 3-Nitroaniline	14.566	138	231	3.952 ng	#	37
57) 2,4-Dinitrotoluene	15.095	165	411	5.090 ng	#	88
62) 4-Nitroaniline	15.807	138	489	2.867 ng		92
80) Butylbenzylphthalate	20.712	149	3076	4.704 ng	#	36
82) 3,3'-Dichlorobenzidine	21.483	252	320	6.687 ng	#	1
84) Bis(2-ethylhexyl)phtha...	21.489	149	58431	5.587 ng	#	96
85) Di-n-octyl phthalate	22.442	149	1860	7.722 ng	#	75

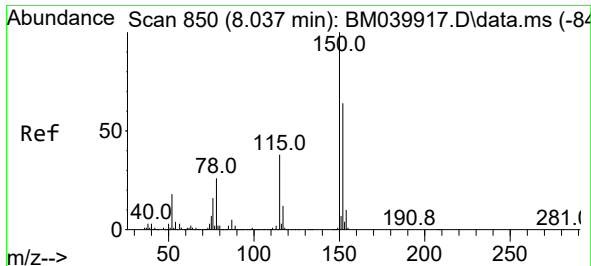
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051823\
Data File : BM039949.D
Acq On : 18 May 2023 15:10
Operator : CG/JU
Sample : 02828-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-6

Quant Time: May 19 05:19:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 15:26:41 2023
Response via : Initial Calibration

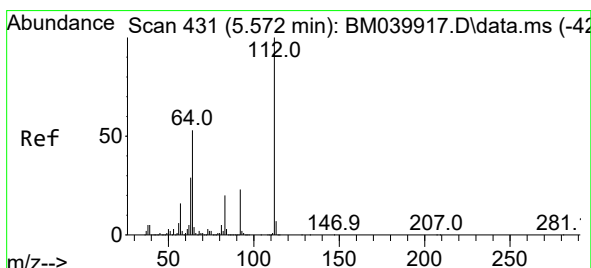
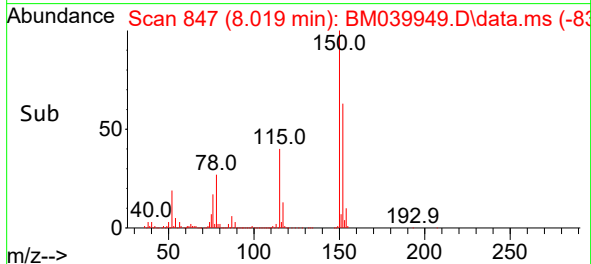
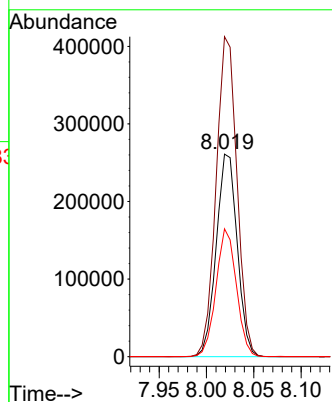
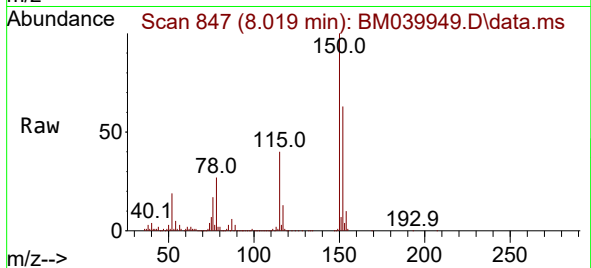




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.019 min Scan# 84
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

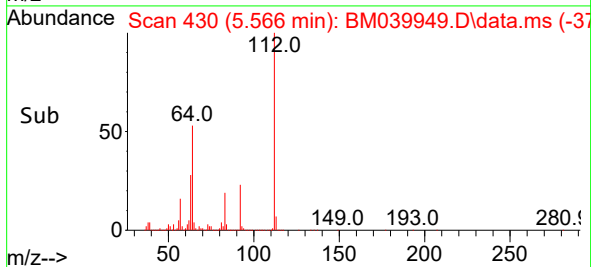
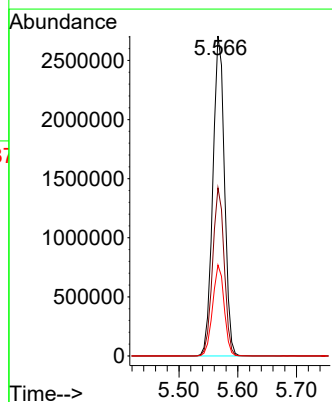
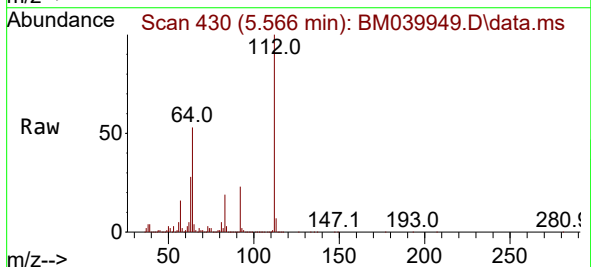
Instrument :
BNA_M
ClientSampleId :
SB-6

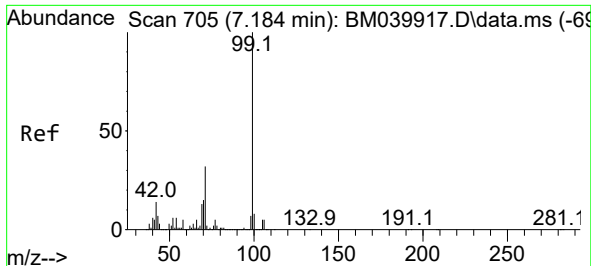
Tgt Ion:152 Resp: 402949
Ion Ratio Lower Upper
152 100
150 158.0 125.0 187.4
115 63.2 47.0 70.6



#5
2-Fluorophenol
Concen: 149.820 ng
RT: 5.566 min Scan# 430
Delta R.T. 0.000 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Tgt Ion:112 Resp: 3714817
Ion Ratio Lower Upper
112 100
64 52.6 42.6 64.0
63 28.4 23.3 34.9

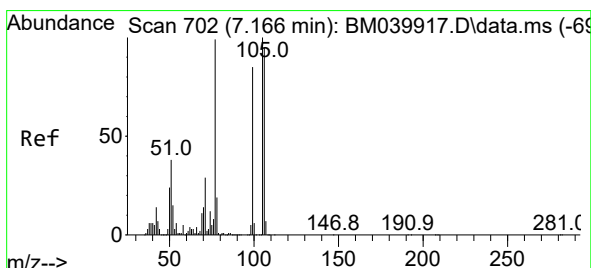
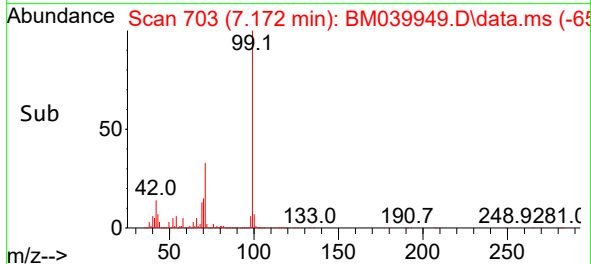
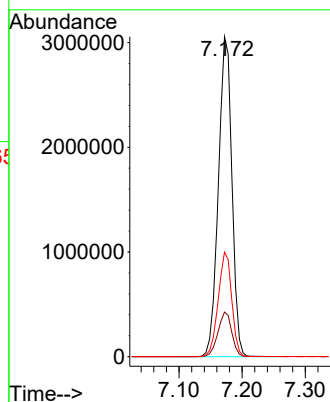
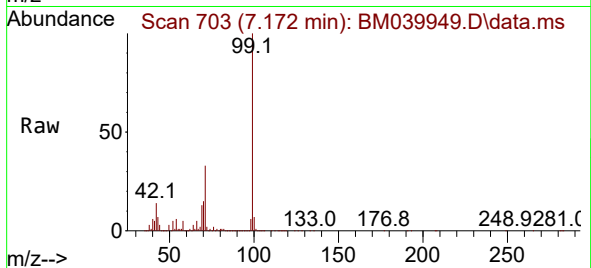




#7
Phenol-d6
Concen: 137.835 ng
RT: 7.172 min Scan# 703
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

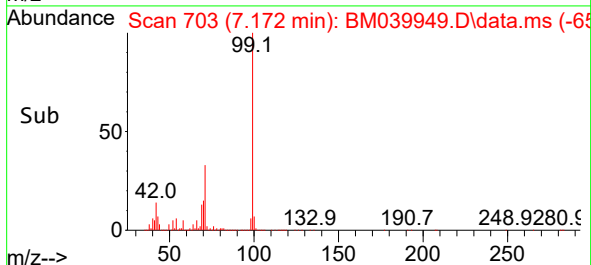
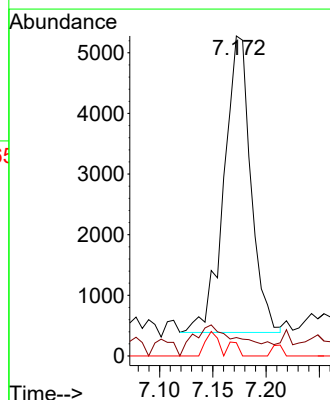
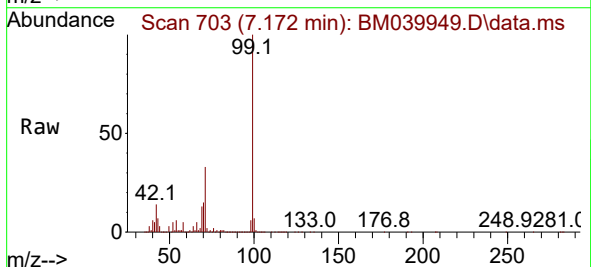
Instrument :
BNA_M
ClientSampleId :
SB-6

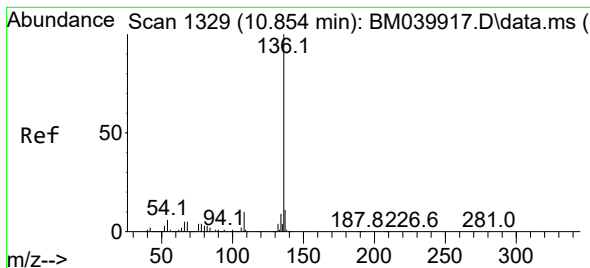
Tgt Ion: 99 Resp: 4553848
Ion Ratio Lower Upper
99 100
42 13.9 11.5 17.3
71 32.7 25.7 38.5



#9
Benzaldehyde
Concen: Below Cal
RT: 7.172 min Scan# 703
Delta R.T. 0.012 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Tgt Ion: 77 Resp: 8579
Ion Ratio Lower Upper
77 100
105 5.8 81.2 121.2#
106 4.2 76.2 116.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.836 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039949.D

Acq: 18 May 2023 15:10

Instrument :

BNA_M

ClientSampleId :

SB-6

Tgt Ion:136 Resp: 1617414

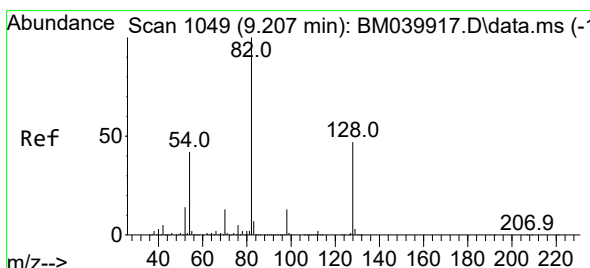
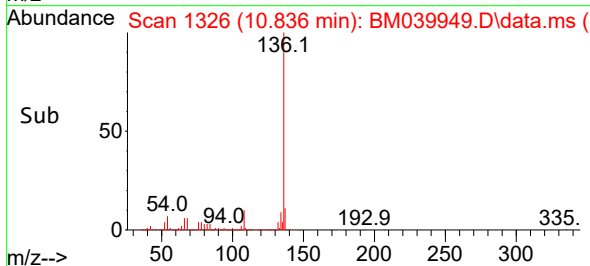
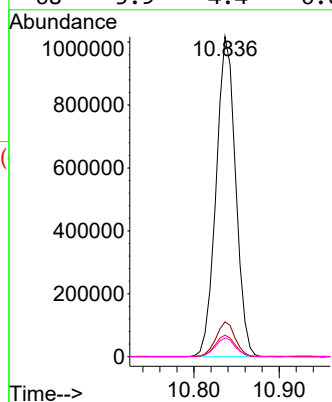
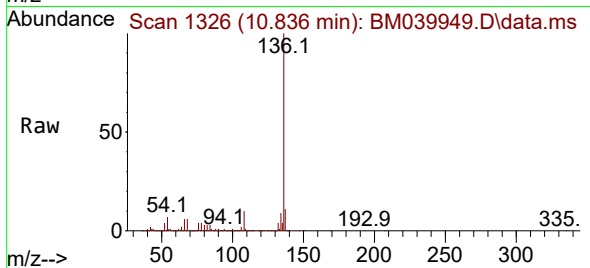
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.7 5.2 7.8

68 5.9 4.4 6.6



#23

Nitrobenzene-d5

Concen: 96.597 ng

RT: 9.190 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BM039949.D

Acq: 18 May 2023 15:10

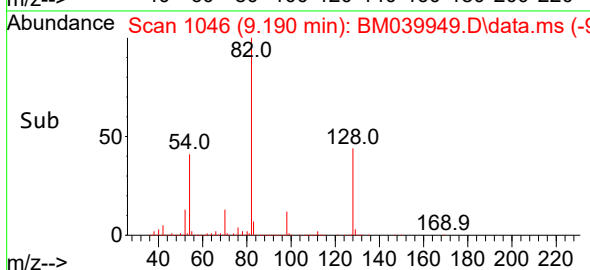
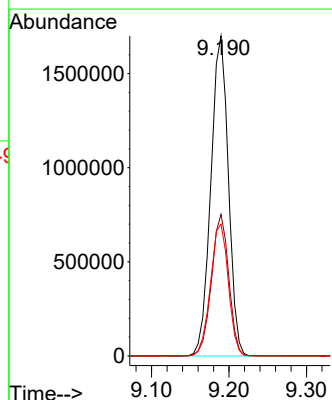
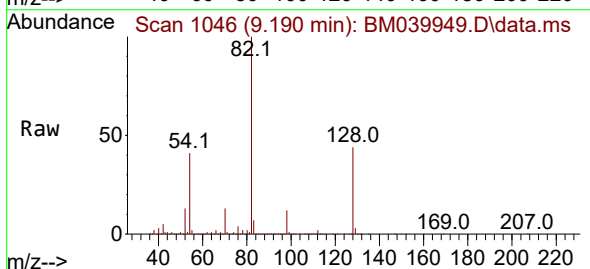
Tgt Ion: 82 Resp: 2667664

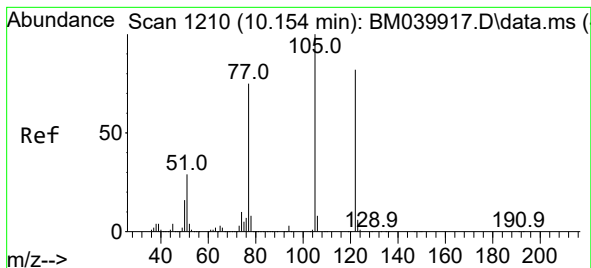
Ion Ratio Lower Upper

82 100

128 44.3 37.2 55.8

54 41.2 33.5 50.3





#32

Benzoic acid

Concen: 9.943 ng

RT: 10.131 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM039949.D

Acq: 18 May 2023 15:10

Instrument :

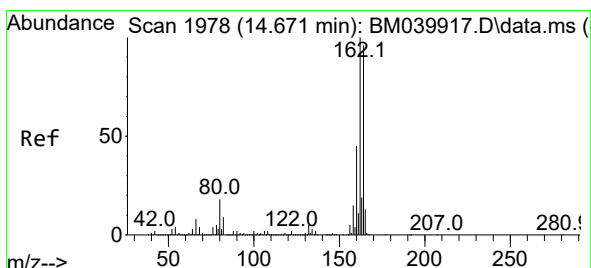
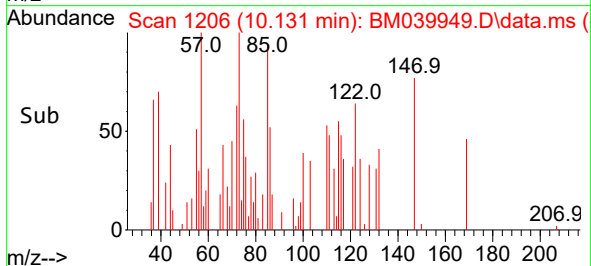
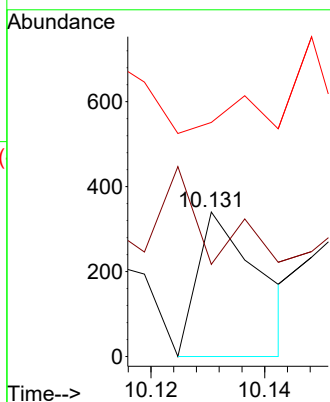
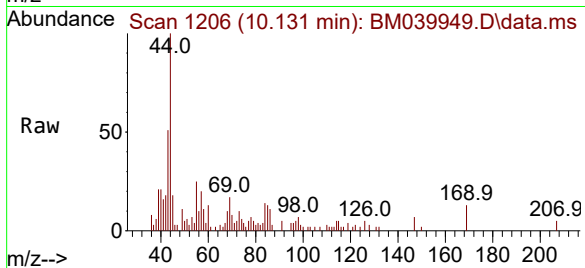
BNA_M

ClientSampleId :

SB-6

Tgt Ion:122 Resp: 260

Ion	Ratio	Lower	Upper
122	100		
105	63.8	99.9	139.9#
77	162.1	70.4	110.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.660 min Scan# 1976

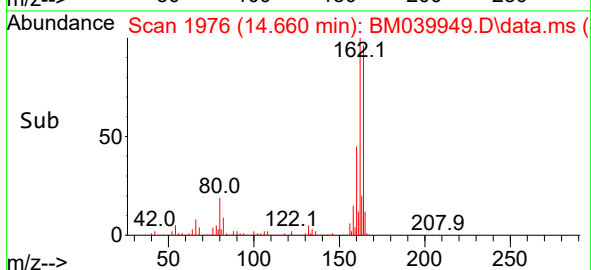
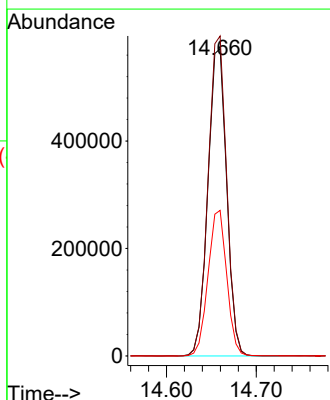
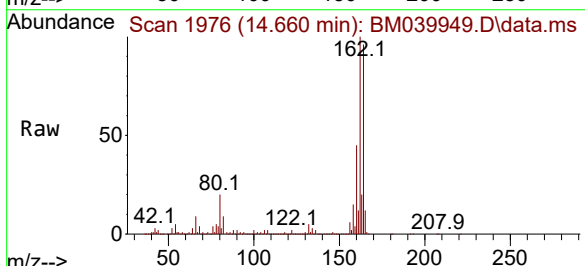
Delta R.T. -0.006 min

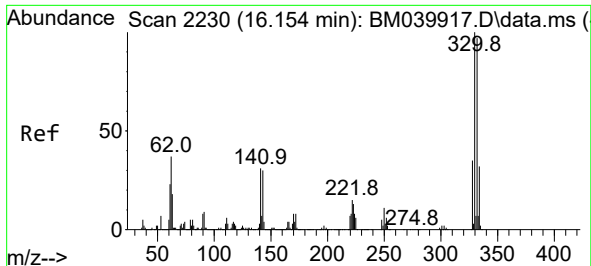
Lab File: BM039949.D

Acq: 18 May 2023 15:10

Tgt Ion:164 Resp: 829848

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.6	125.4
160	47.4	37.8	56.6

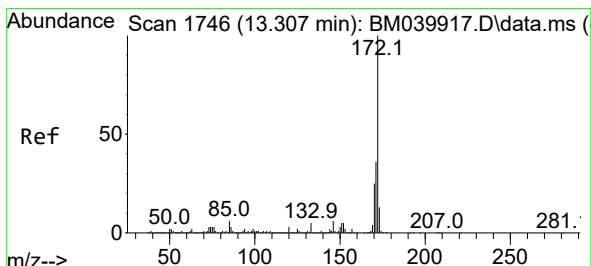
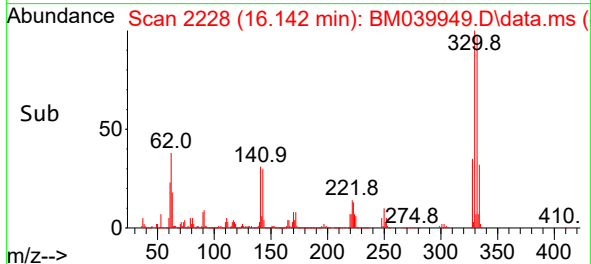
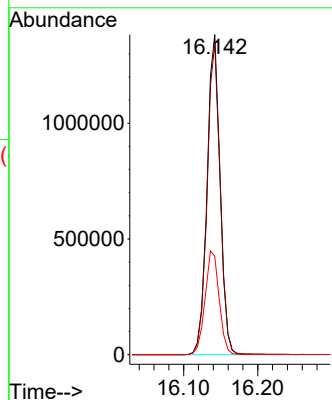
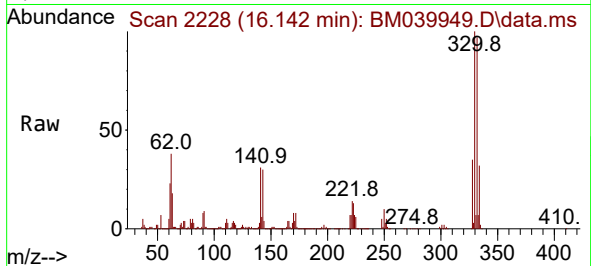




#42
2,4,6-Tribromophenol
Concen: 109.082 ng
RT: 16.142 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

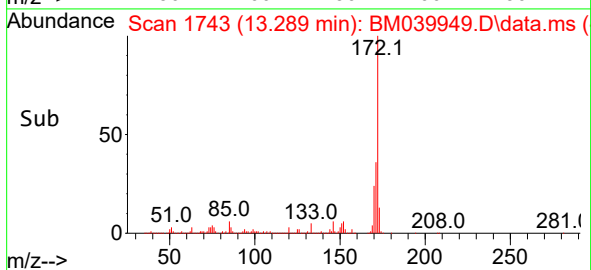
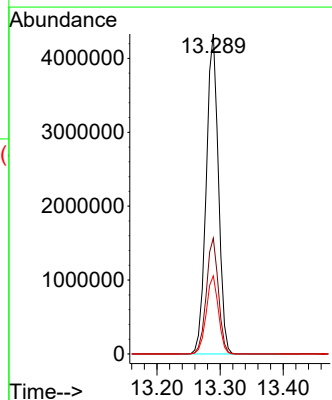
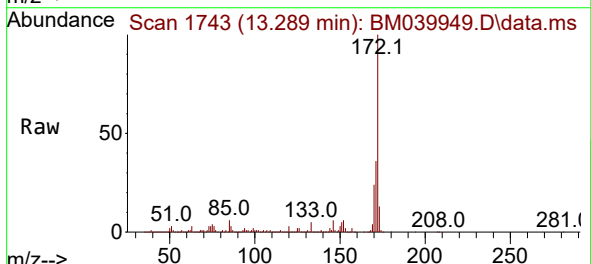
Instrument :
BNA_M
ClientSampleId :
SB-6

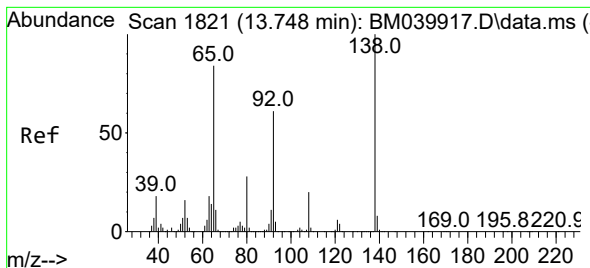
Tgt Ion:330 Resp: 1696987
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 35.0 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 89.299 ng
RT: 13.289 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Tgt Ion:172 Resp: 5793185
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 24.4 19.9 29.9

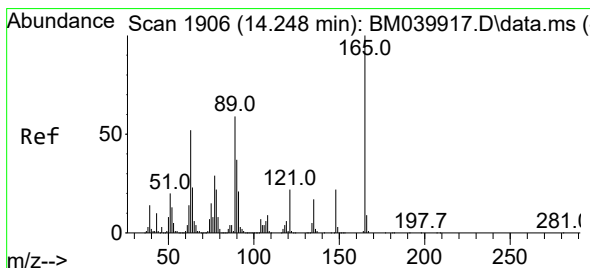
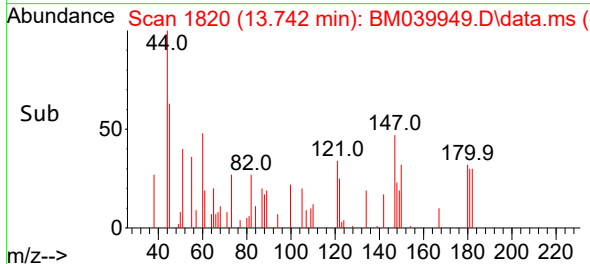
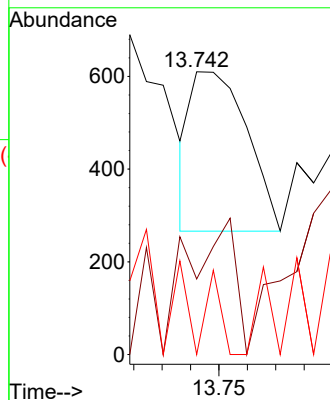
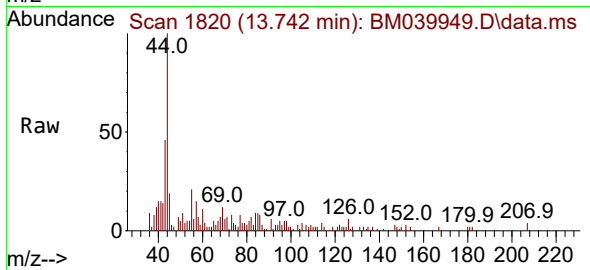




#48
2-Nitroaniline
Concen: 5.051 ng
RT: 13.742 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

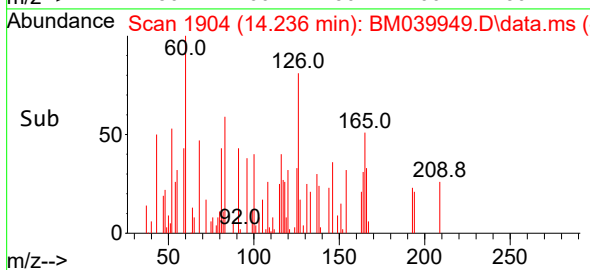
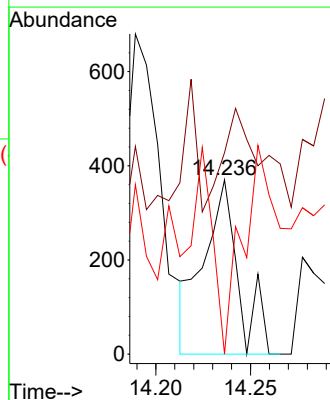
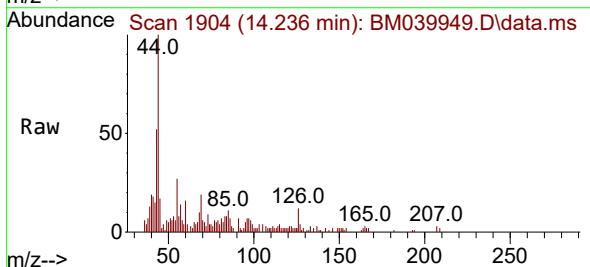
Instrument :
BNA_M
ClientSampleId :
SB-6

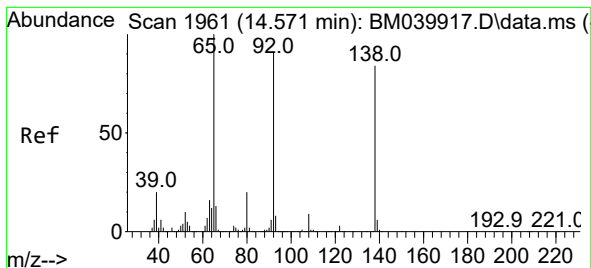
Tgt Ion: 65 Resp: 472
Ion Ratio Lower Upper
65 100
92 26.7 57.7 86.5#
138 0.0 95.0 142.6#



#51
2,6-Dinitrotoluene
Concen: 4.128 ng
RT: 14.236 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Tgt Ion: 165 Resp: 473
Ion Ratio Lower Upper
165 100
63 115.7 42.3 63.5#
89 0.0 47.4 71.0#

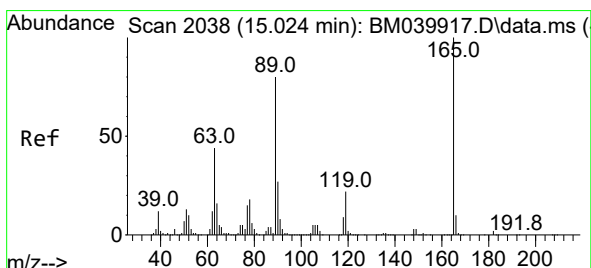
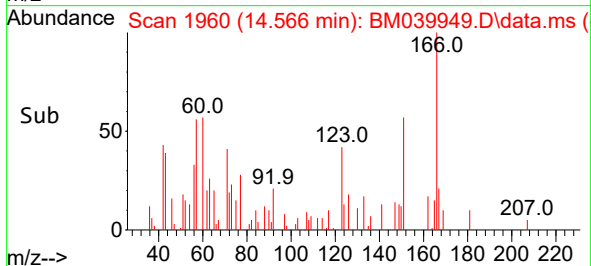
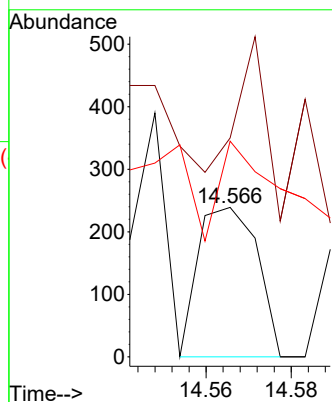
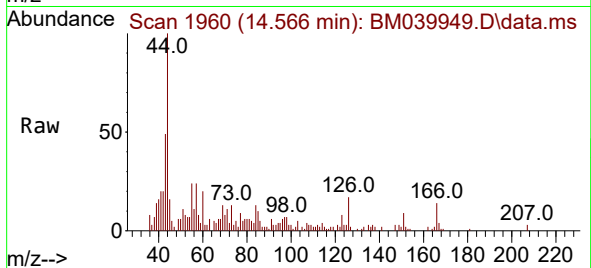




#53
3-Nitroaniline
Concen: 3.952 ng
RT: 14.566 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

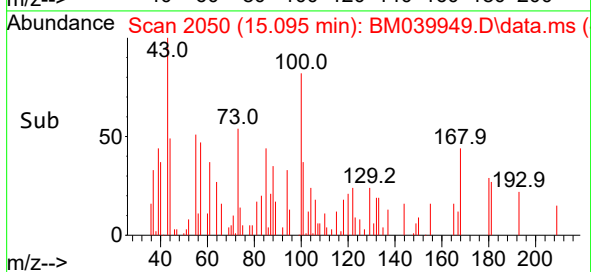
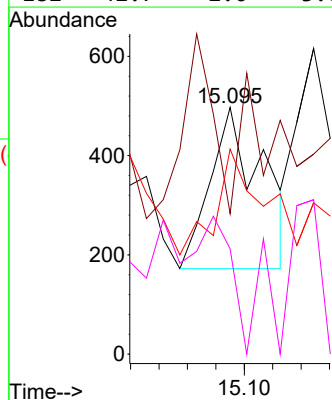
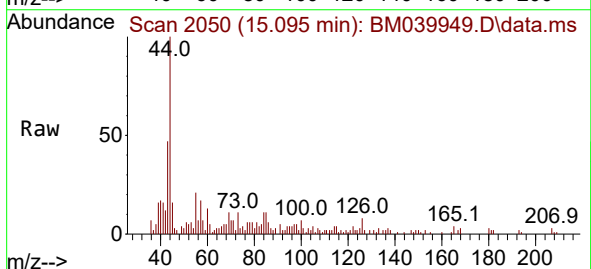
Instrument :
BNA_M
ClientSampleId :
SB-6

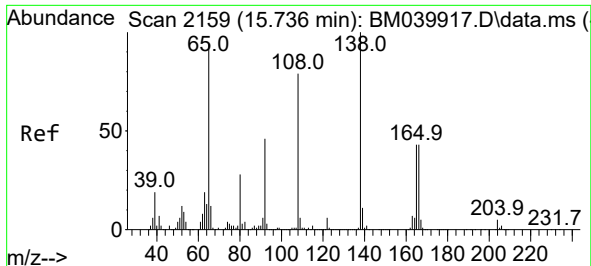
Tgt Ion:138 Resp: 231
Ion Ratio Lower Upper
138 100
108 146.4 8.6 12.8#
92 144.4 87.3 130.9#



#57
2,4-Dinitrotoluene
Concen: 5.090 ng
RT: 15.095 min Scan# 2050
Delta R.T. 0.077 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Tgt Ion:165 Resp: 411
Ion Ratio Lower Upper
165 100
63 56.9 35.5 53.3#
89 83.1 63.8 95.6
182 42.7 2.0 3.0#

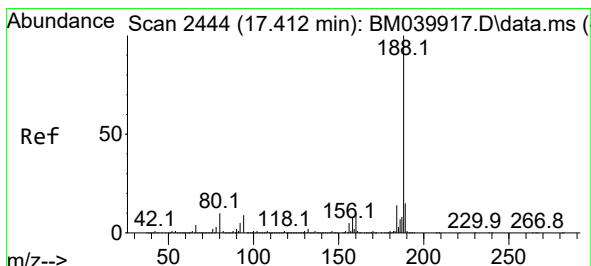
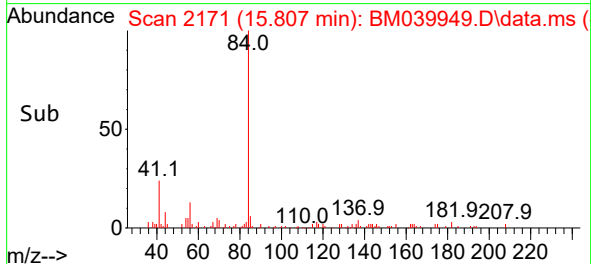
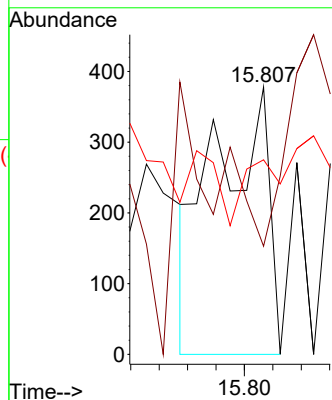
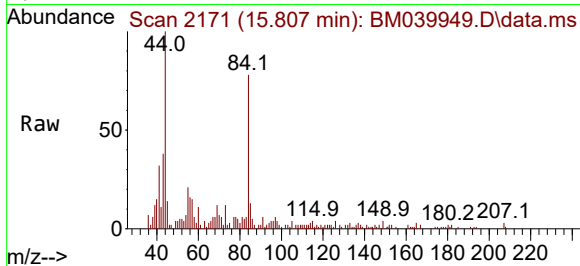




#62
4-Nitroaniline
Concen: 2.867 ng
RT: 15.807 min Scan# 2159
Delta R.T. 0.083 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

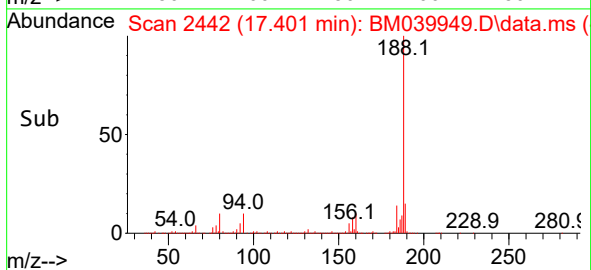
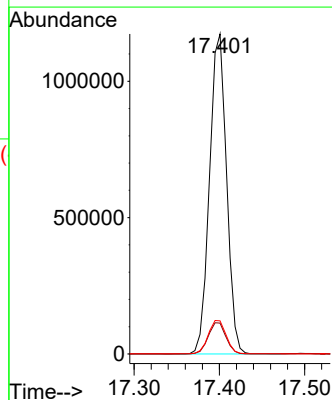
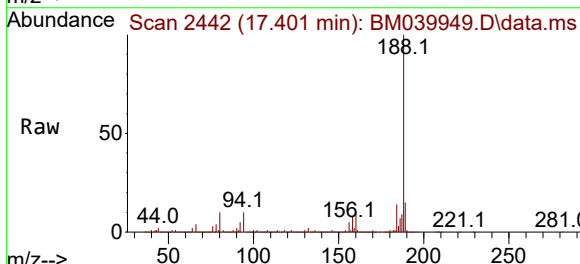
Instrument :
BNA_M
ClientSampleId :
SB-6

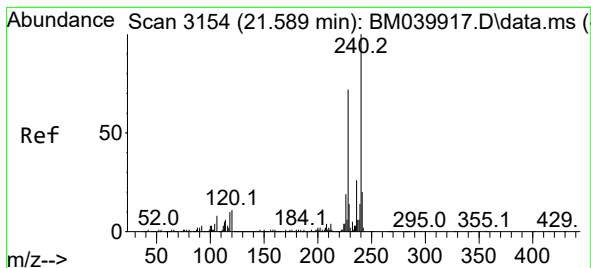
Tgt Ion:138 Resp: 489
Ion Ratio Lower Upper
138 100
92 40.5 25.5 65.5
108 72.8 59.5 99.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.401 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Tgt Ion:188 Resp: 1628414
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.4 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM039949.D

Acq: 18 May 2023 15:10

Instrument :

BNA_M

ClientSampleId :

SB-6

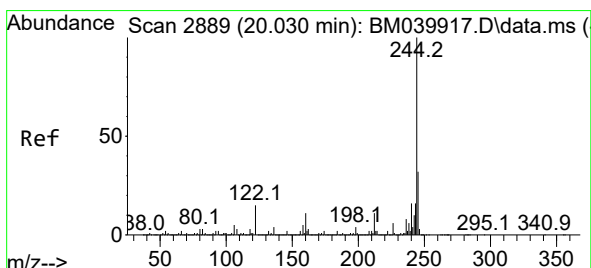
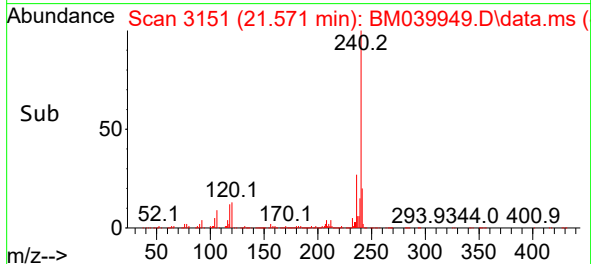
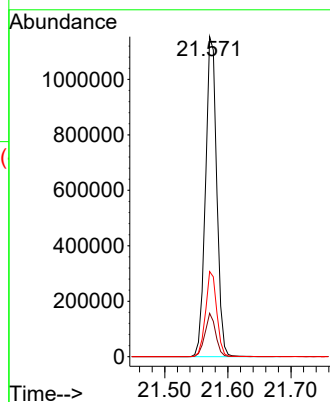
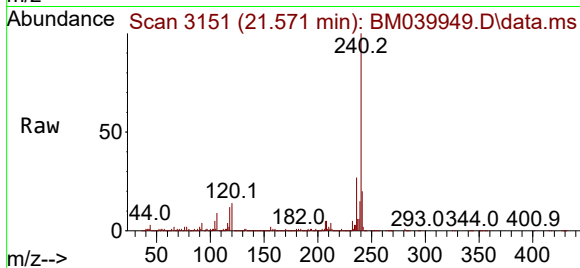
Tgt Ion:240 Resp: 1430901

Ion Ratio Lower Upper

240 100

120 13.6 9.0 13.4#

236 26.6 20.9 31.3



#79

Terphenyl-d14

Concen: 116.953 ng

RT: 20.018 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BM039949.D

Acq: 18 May 2023 15:10

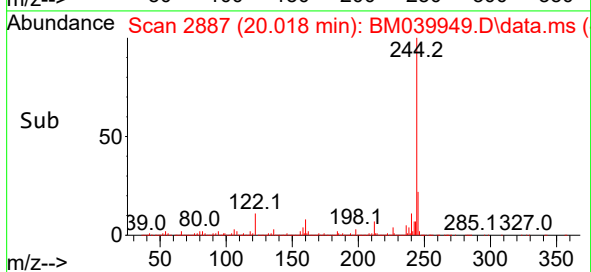
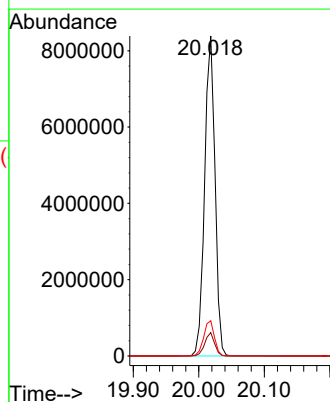
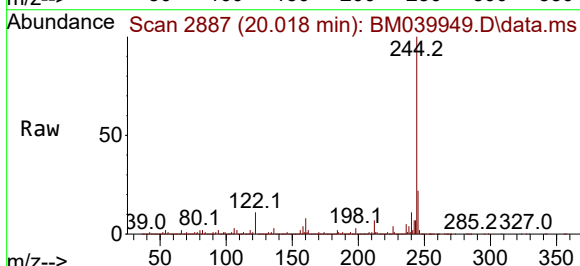
Tgt Ion:244 Resp: 9246475

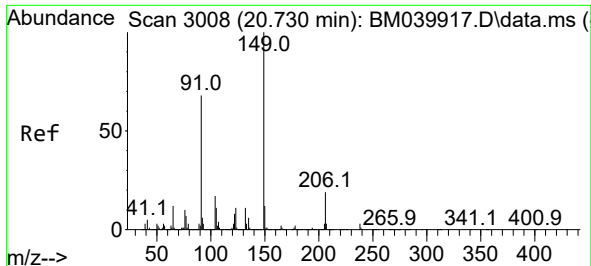
Ion Ratio Lower Upper

244 100

212 7.3 8.5 12.7#

122 11.0 12.1 18.1#

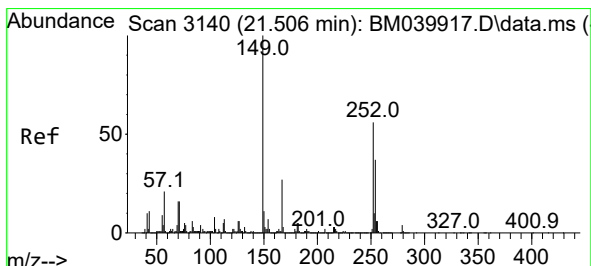
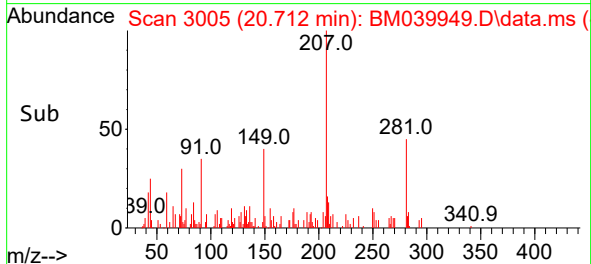
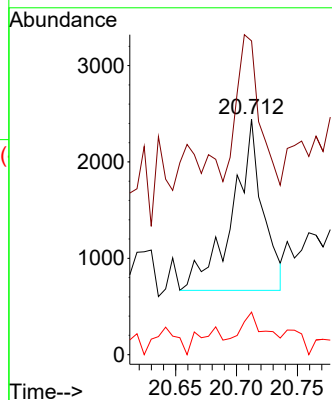
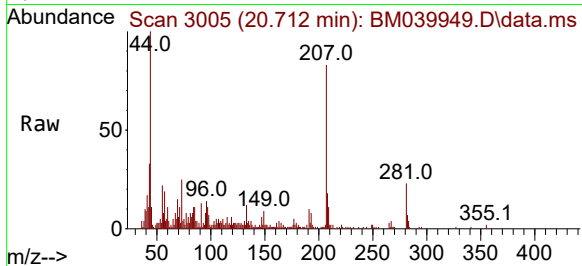




#80
Butylbenzylphthalate
Concen: 4.704 ng
RT: 20.712 min Scan# 3005
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

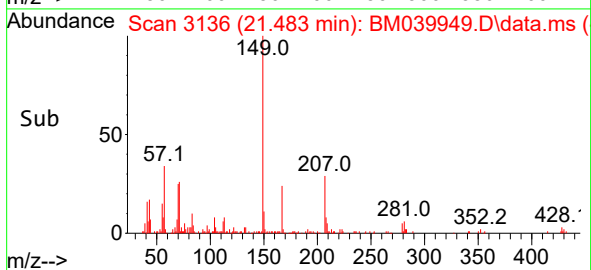
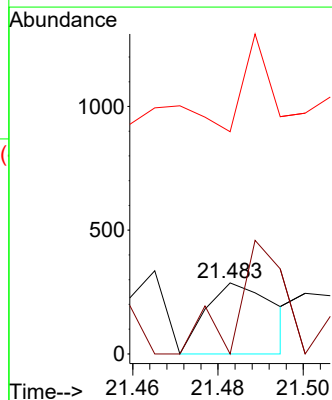
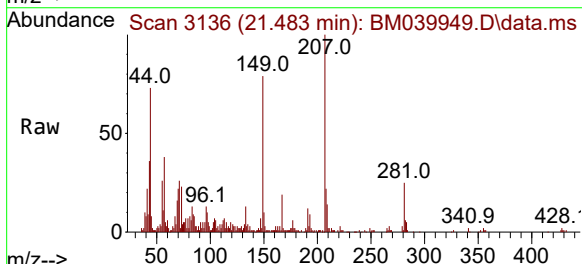
Instrument :
BNA_M
ClientSampleId :
SB-6

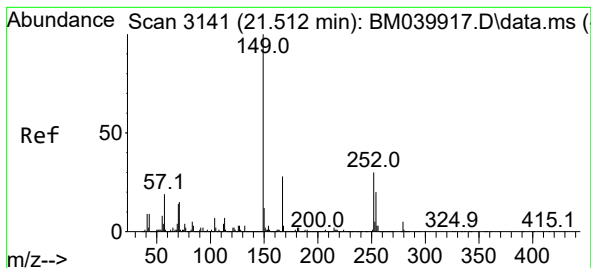
Tgt Ion:149 Resp: 3076
Ion Ratio Lower Upper
149 100
91 133.3 54.5 81.7#
206 18.0 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 6.687 ng
RT: 21.483 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Tgt Ion:252 Resp: 320
Ion Ratio Lower Upper
252 100
254 0.0 52.3 78.5#
126 312.9 8.3 12.5#

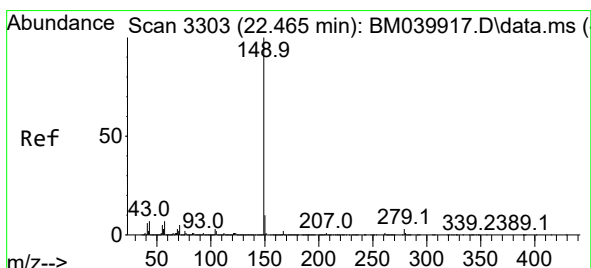
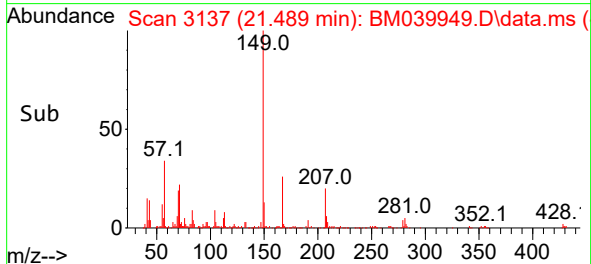
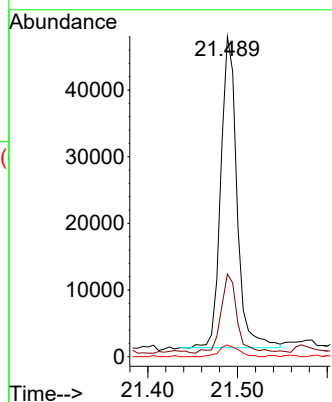
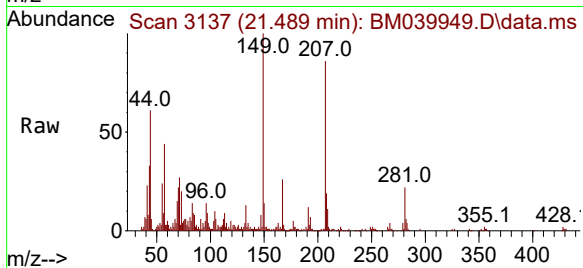




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.587 ng
RT: 21.489 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

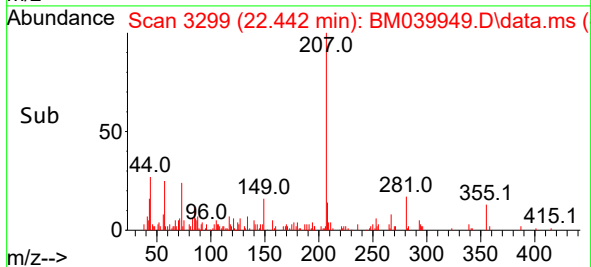
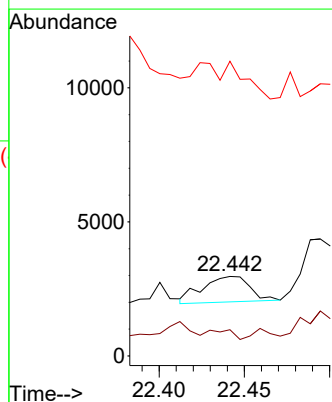
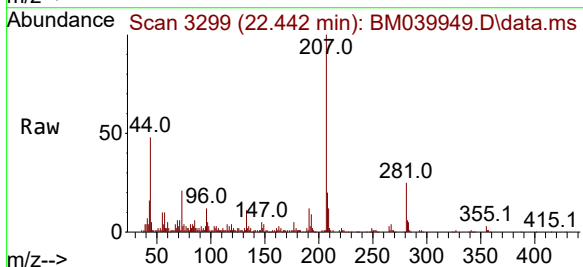
Instrument :
BNA_M
ClientSampleId :
SB-6

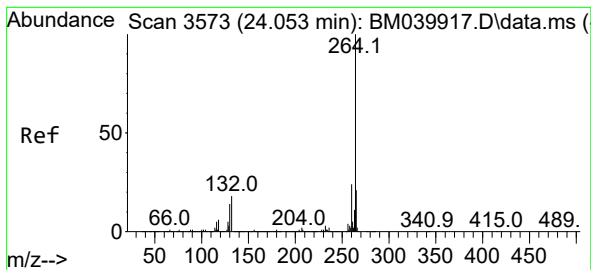
Tgt Ion:149 Resp: 58431
Ion Ratio Lower Upper
149 100
167 25.9 22.3 33.5
279 3.6 3.8 5.6#



#85
Di-n-octyl phthalate
Concen: 7.722 ng
RT: 22.442 min Scan# 3299
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Tgt Ion:149 Resp: 1860
Ion Ratio Lower Upper
149 100
167 18.8 1.2 1.8#
43 0.0 5.9 8.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.030 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Instrument :
BNA_M
ClientSampleId :
SB-6

Tgt Ion:264 Resp: 1776850

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.3	17.2	25.8

