

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040104.D
 Acq On : 06 Jun 2023 15:16
 Operator : MA/JU
 Sample : PB153150BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153183BL

Quant Time: Jun 06 18:56:05 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)

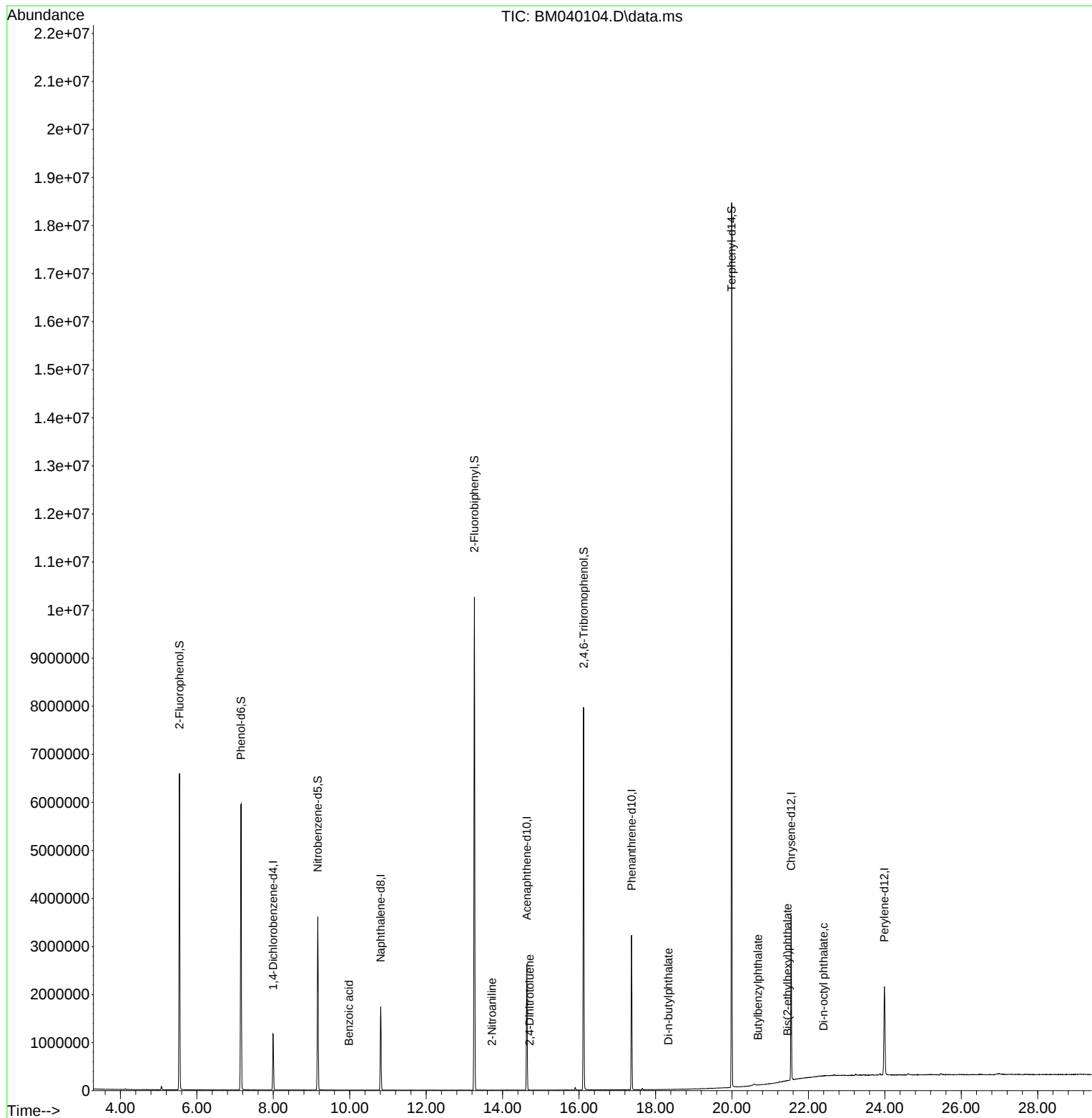
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	326949	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1425920	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	851645	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1743856	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1357091	20.000	ng	0.00
86) Perylene-d12	23.991	264	1281202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2950099	138.409	ng	0.00
7) Phenol-d6	7.157	99	3702227	133.154	ng	0.00
23) Nitrobenzene-d5	9.163	82	1998211	75.617	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1536618	139.014	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	5164751	71.529	ng	0.00
79) Terphenyl-d14	19.992	244	8648254	98.948	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.980	122	229	7.816	ng	# 1
48) 2-Nitroaniline	13.721	65	76	2.565	ng	# 2
57) 2,4-Dinitrotoluene	14.710	165	64	3.752	ng	# 2
74) Di-n-butylphthalate	18.339	149	2088	3.678	ng	# 87
80) Butylbenzylphthalate	20.680	149	919	4.852	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.456	149	2114	3.632	ng	# 86
85) Di-n-octyl phthalate	22.397	149	2138	6.631	ng	# 24

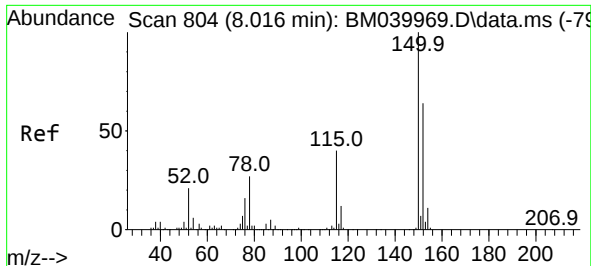
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
Data File : BM040104.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB153183BL

Quant Time: Jun 06 18:56:05 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

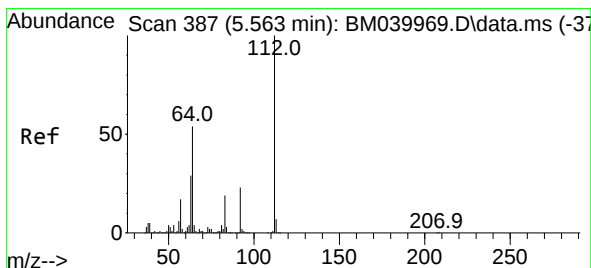
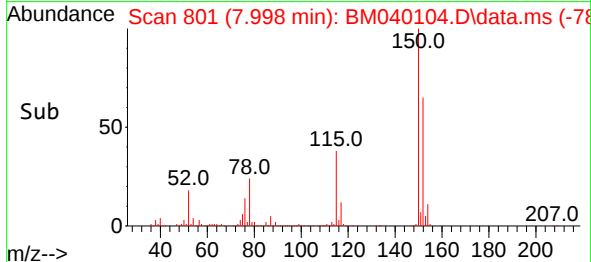
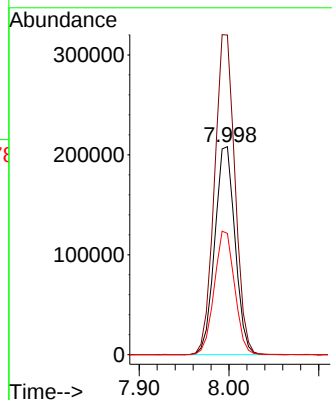
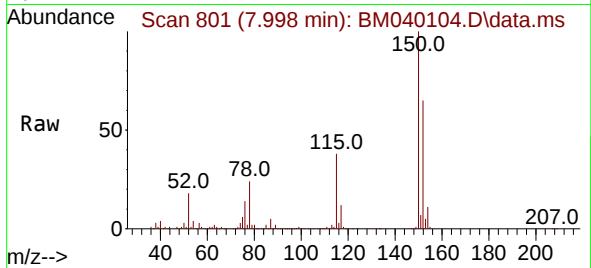




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 801
Delta R.T. -0.001 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

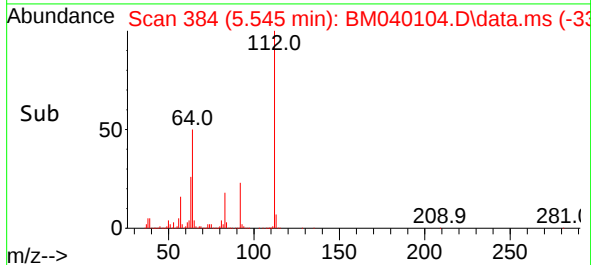
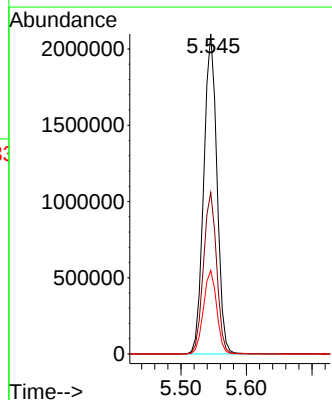
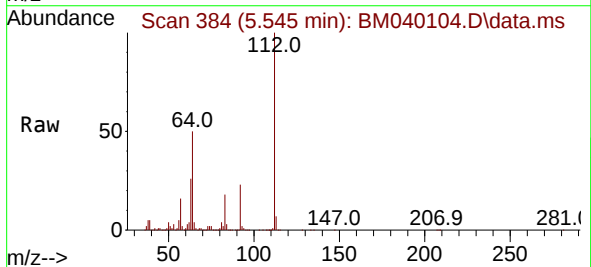
Instrument :
BNA_M
ClientSampleId :
PB153183BL

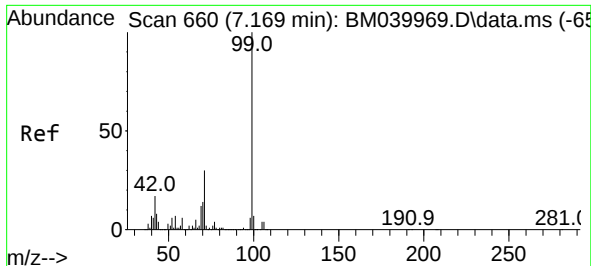
Tgt Ion:152 Resp: 326949
Ion Ratio Lower Upper
152 100
150 153.8 125.5 188.3
115 58.3 50.2 75.2



#5
2-Fluorophenol
Concen: 138.409 ng
RT: 5.545 min Scan# 384
Delta R.T. 0.005 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

Tgt Ion:112 Resp: 2950099
Ion Ratio Lower Upper
112 100
64 50.5 43.0 64.4
63 26.1 22.9 34.3



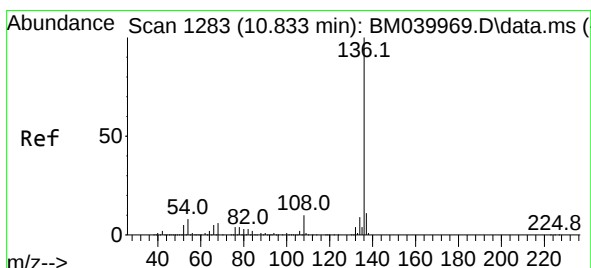
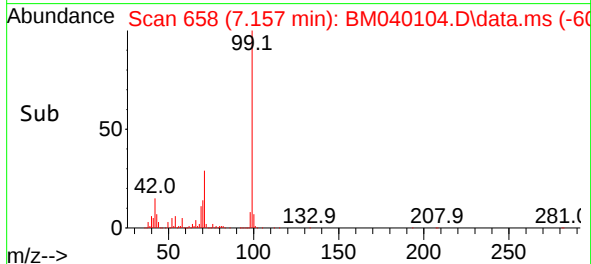
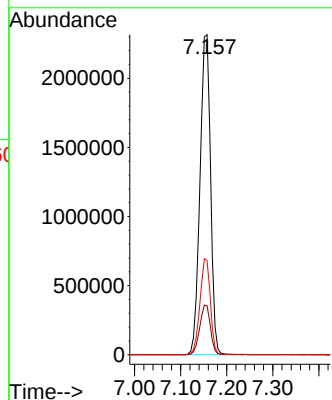
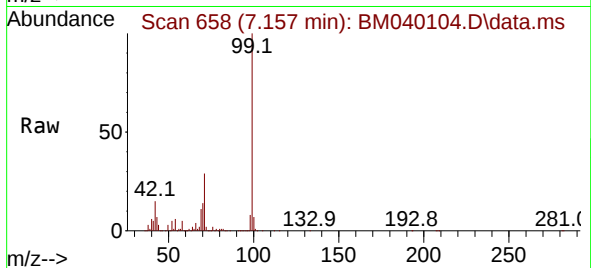


#7
Phenol-d6
Concen: 133.154 ng
RT: 7.157 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

Instrument :
BNA_M
ClientSampleId :
PB153183BL

Tgt Ion: 99 Resp: 3702227

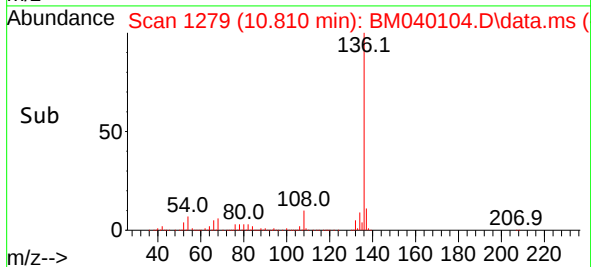
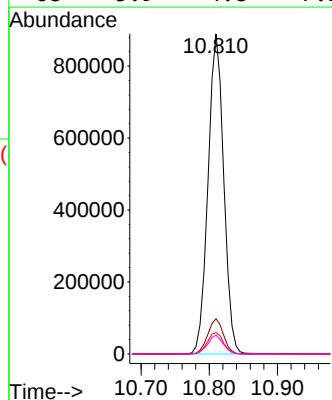
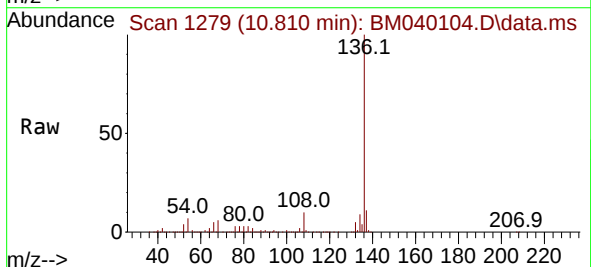
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.8	20.6
71	29.3	24.4	36.6

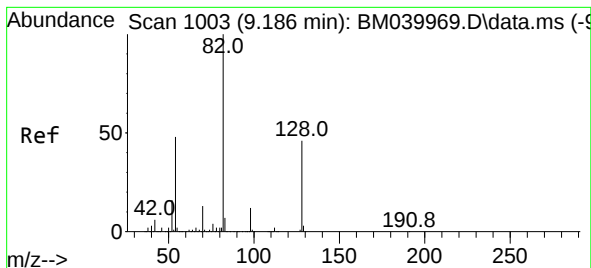


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

Tgt Ion: 136 Resp: 1425920

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	6.1	9.1
68	5.9	4.8	7.2





#23

Nitrobenzene-d5

Concen: 75.617 ng

RT: 9.163 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM040104.D

Acq: 06 Jun 2023 15:16

Instrument :

BNA_M

ClientSampleId :

PB153183BL

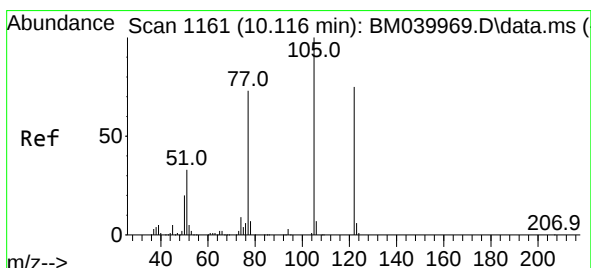
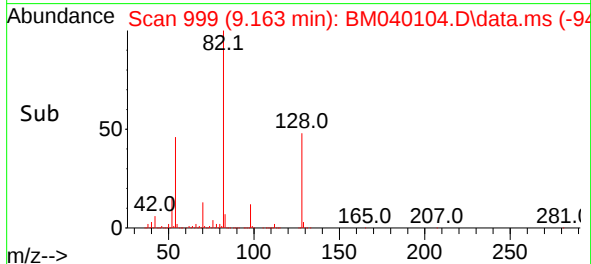
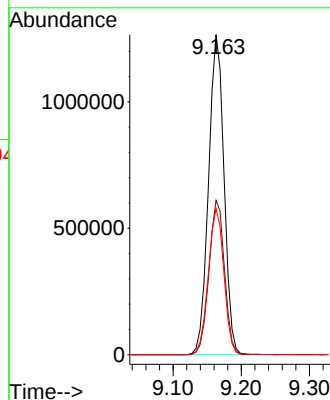
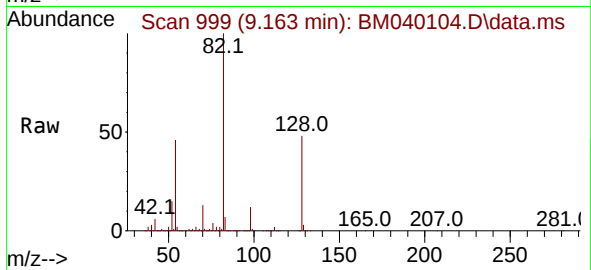
Tgt Ion: 82 Resp: 1998211

Ion Ratio Lower Upper

82 100

128 48.2 36.5 54.7

54 45.6 38.3 57.5



#32

Benzoic acid

Concen: 7.816 ng

RT: 9.980 min Scan# 1138

Delta R.T. -0.136 min

Lab File: BM040104.D

Acq: 06 Jun 2023 15:16

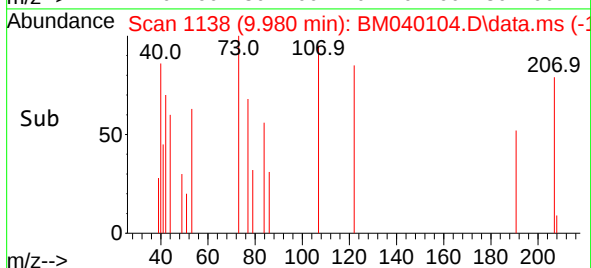
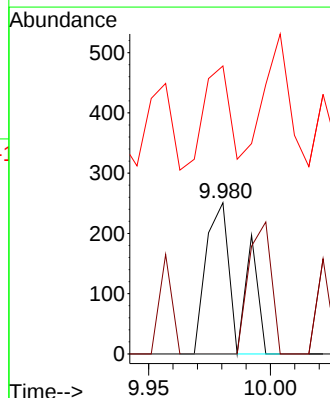
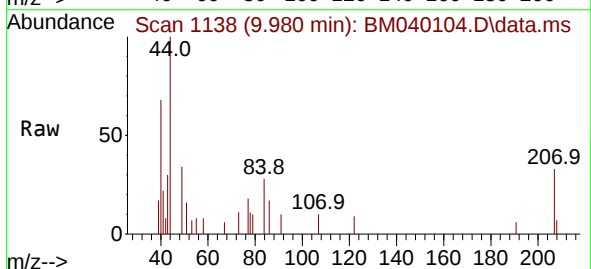
Tgt Ion:122 Resp: 229

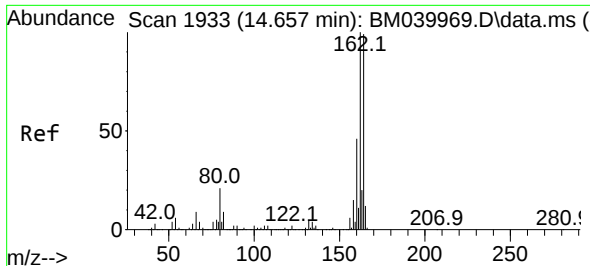
Ion Ratio Lower Upper

122 100

105 0.0 106.0 146.0#

77 190.4 74.7 114.7#

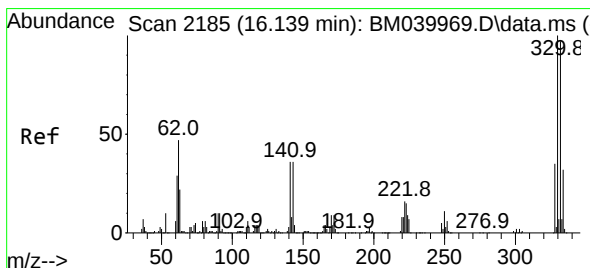
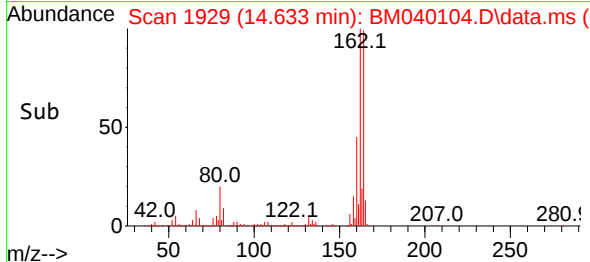
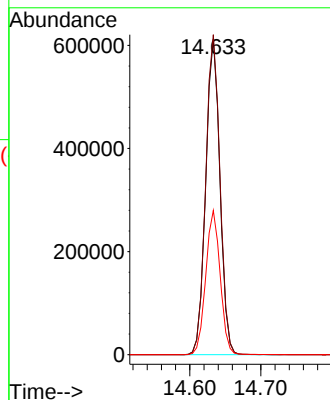
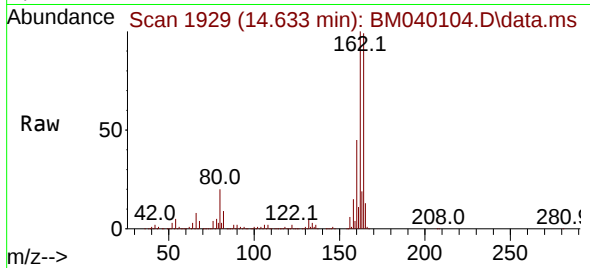




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

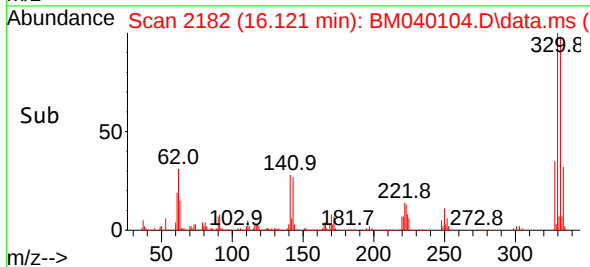
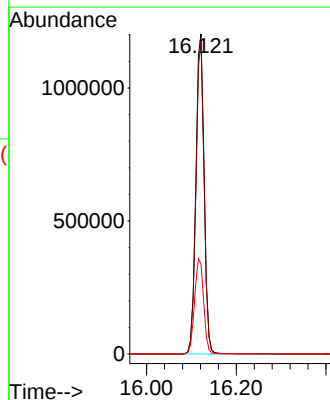
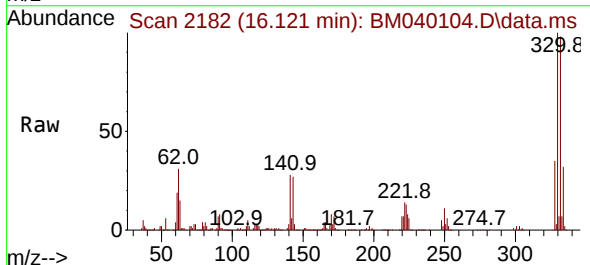
Instrument :
BNA_M
ClientSampleId :
PB153183BL

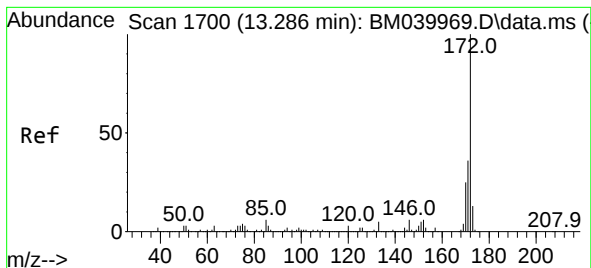
Tgt Ion:164 Resp: 851645
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 45.7 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 139.014 ng
RT: 16.121 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

Tgt Ion:330 Resp: 1536618
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 32.6 31.6 47.4

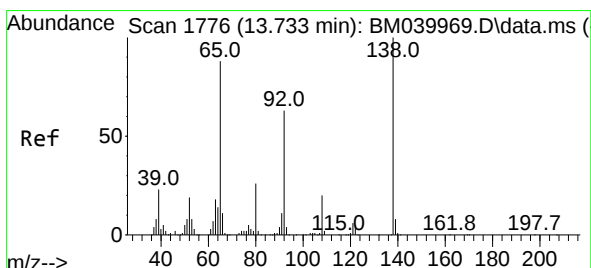
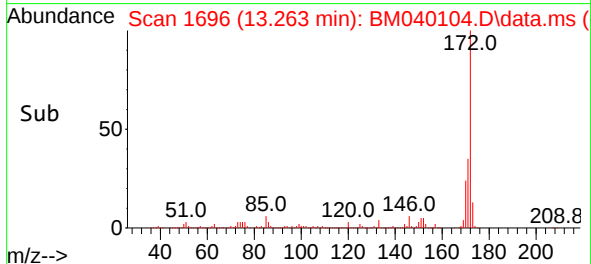
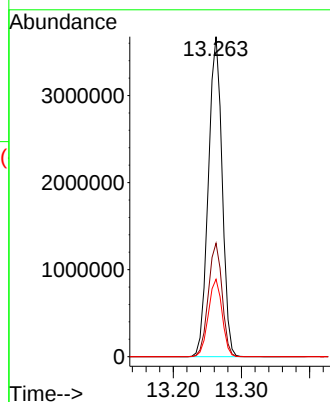
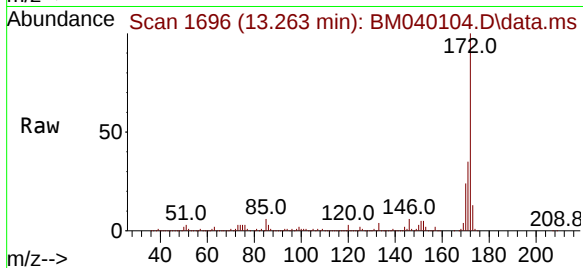




#45
2-Fluorobiphenyl
Concen: 71.529 ng
RT: 13.263 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

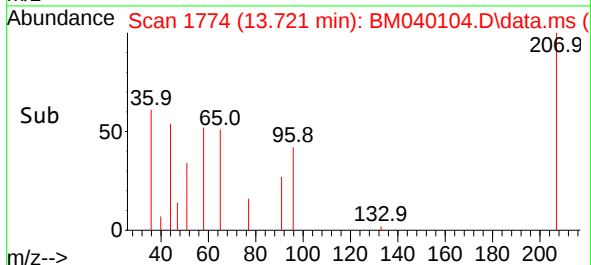
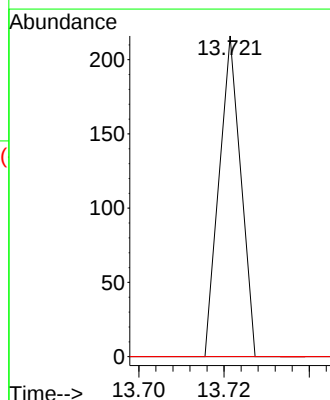
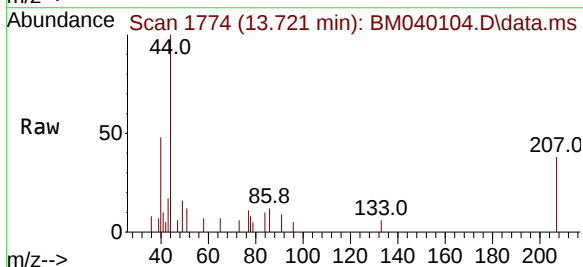
Instrument :
BNA_M
ClientSampleId :
PB153183BL

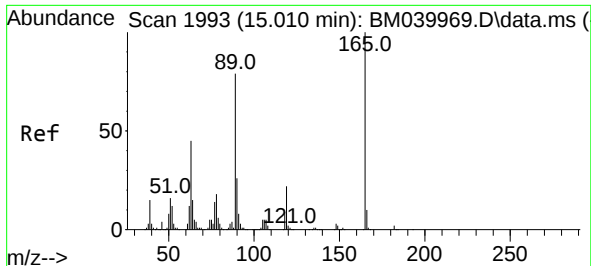
Tgt Ion:172 Resp: 5164751
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.2 19.6 29.4



#48
2-Nitroaniline
Concen: 2.565 ng
RT: 13.721 min Scan# 1774
Delta R.T. 0.005 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

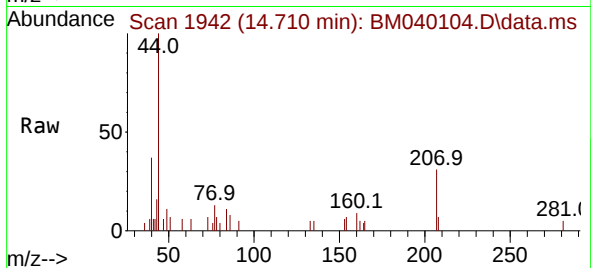
Tgt Ion: 65 Resp: 76
Ion Ratio Lower Upper
65 100
92 0.0 57.0 85.6#
138 0.0 91.1 136.7#



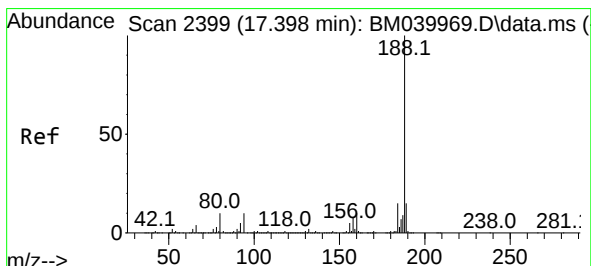
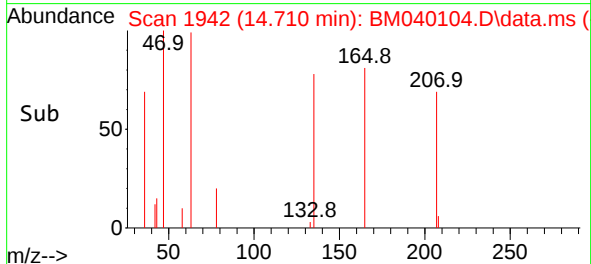
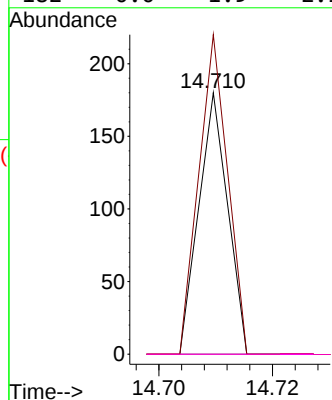


#57
2,4-Dinitrotoluene
Concen: 3.752 ng
RT: 14.710 min Scan# 1993
Delta R.T. -0.283 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

Instrument :
BNA_M
ClientSampleId :
PB153183BL

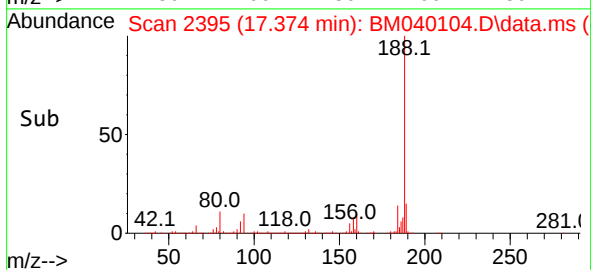
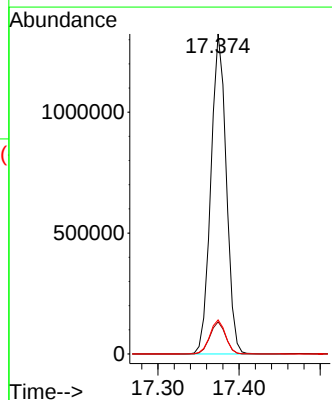
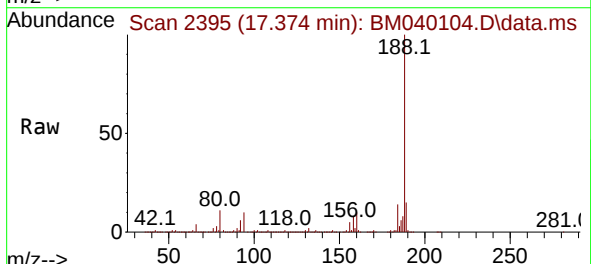


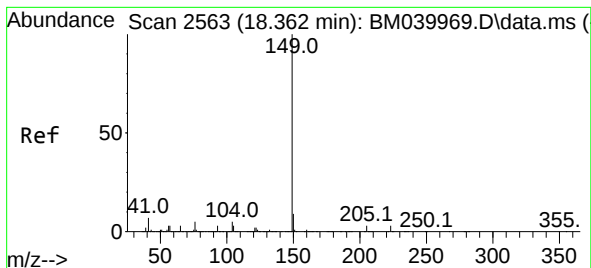
Tgt Ion:	165	Resp:	64
Ion	Ratio	Lower	Upper
165	100		
63	122.2	36.2	54.2#
89	0.0	63.4	95.0#
182	0.0	1.9	2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

Tgt Ion:	188	Resp:	1743856
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.8
80	10.7	8.2	12.4





#74

Di-n-butylphthalate

Concen: 3.678 ng

RT: 18.339 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM040104.D

Acq: 06 Jun 2023 15:16

Instrument :

BNA_M

ClientSampleId :

PB153183BL

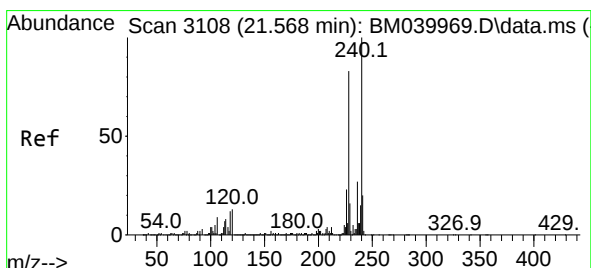
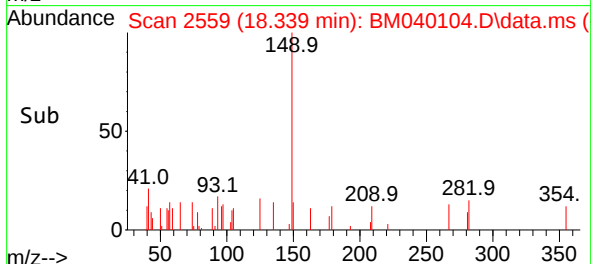
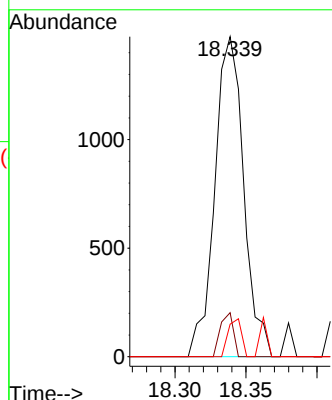
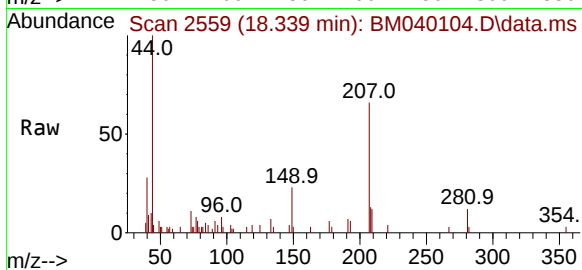
Tgt Ion:149 Resp: 2088

Ion Ratio Lower Upper

149 100

150 13.8 7.4 11.2#

104 10.2 4.2 6.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.550 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BM040104.D

Acq: 06 Jun 2023 15:16

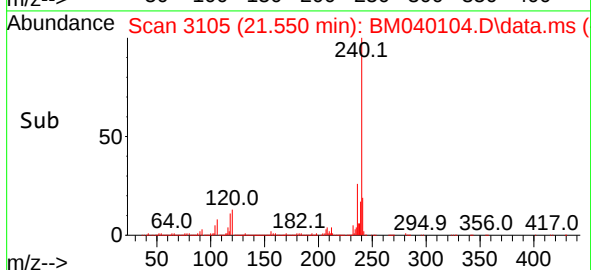
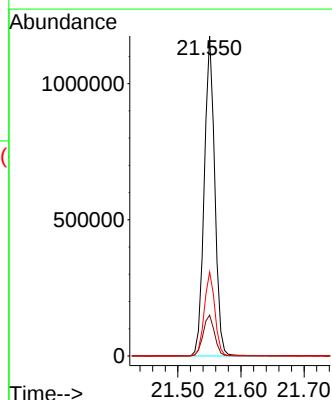
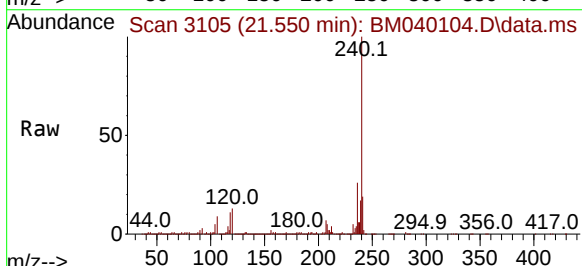
Tgt Ion:240 Resp: 1357091

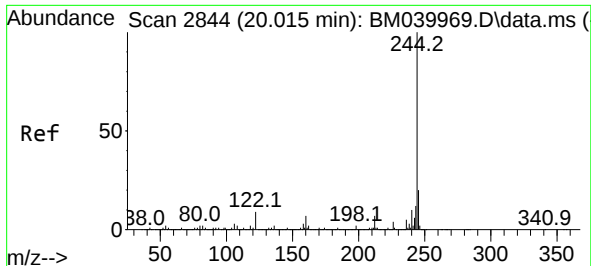
Ion Ratio Lower Upper

240 100

120 12.8 10.1 15.1

236 26.2 21.3 31.9

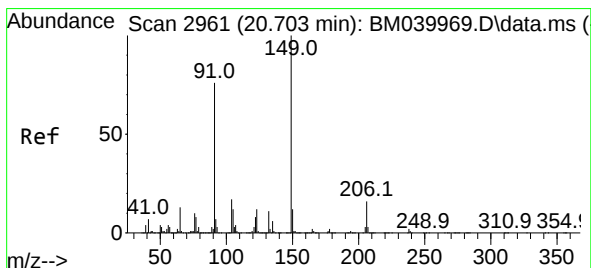
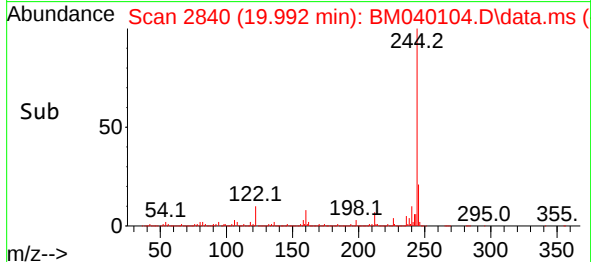
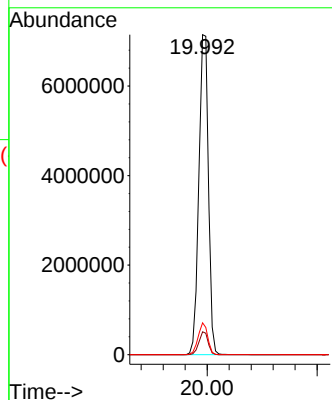
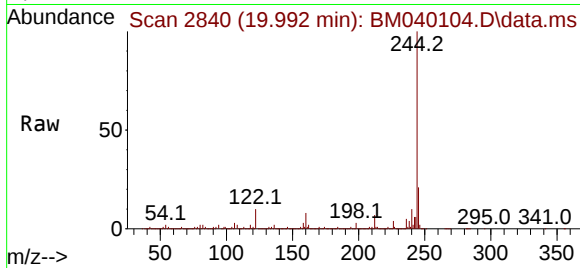




#79
 Terphenyl-d14
 Concen: 98.948 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040104.D
 Acq: 06 Jun 2023 15:16

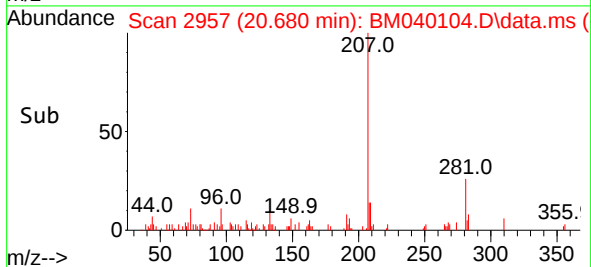
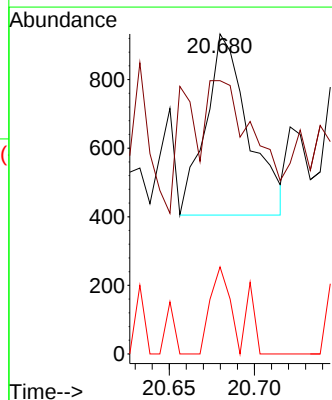
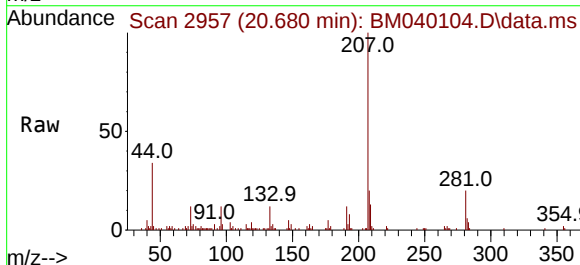
Instrument :
 BNA_M
 ClientSampleId :
 PB153183BL

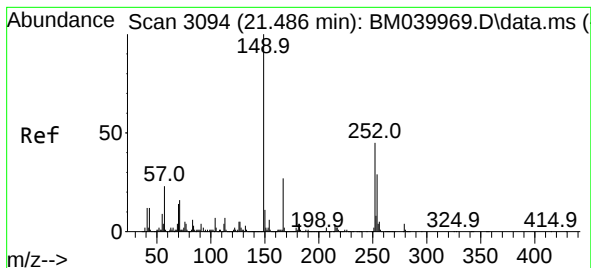
Tgt Ion:244 Resp: 8648254
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.0 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 4.852 ng
 RT: 20.680 min Scan# 2957
 Delta R.T. -0.006 min
 Lab File: BM040104.D
 Acq: 06 Jun 2023 15:16

Tgt Ion:149 Resp: 919
 Ion Ratio Lower Upper
 149 100
 91 85.4 61.0 91.4
 206 27.2 12.7 19.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.632 ng

RT: 21.456 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BM040104.D

Acq: 06 Jun 2023 15:16

Instrument :

BNA_M

ClientSampleId :

PB153183BL

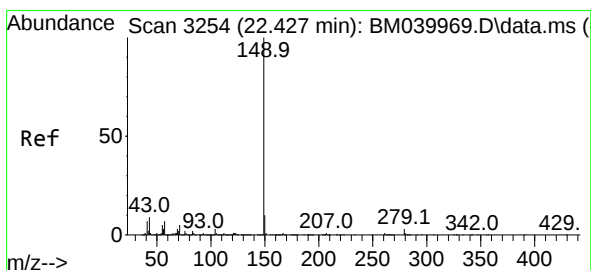
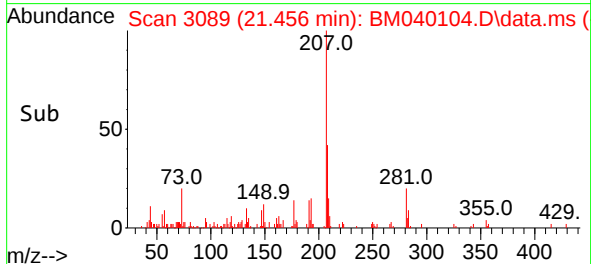
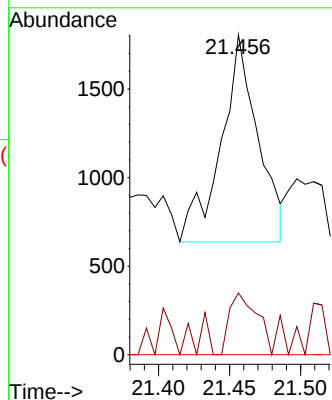
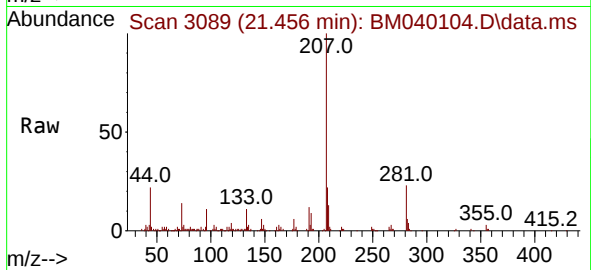
Tgt Ion:149 Resp: 2114

Ion Ratio Lower Upper

149 100

167 19.3 21.4 32.2#

279 0.0 3.3 4.9#



#85

Di-n-octyl phthalate

Concen: 6.631 ng

RT: 22.397 min Scan# 3249

Delta R.T. -0.006 min

Lab File: BM040104.D

Acq: 06 Jun 2023 15:16

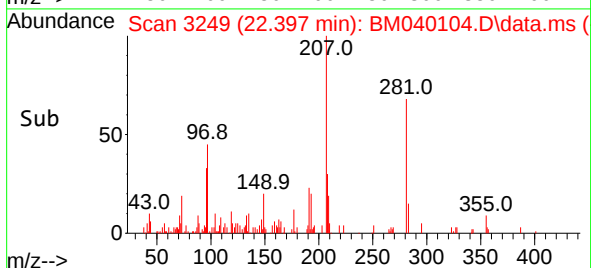
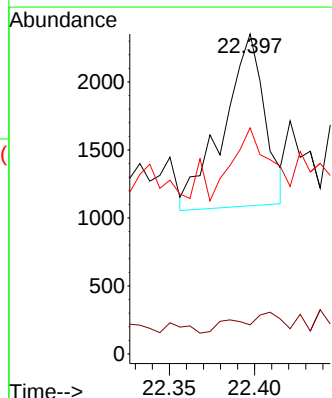
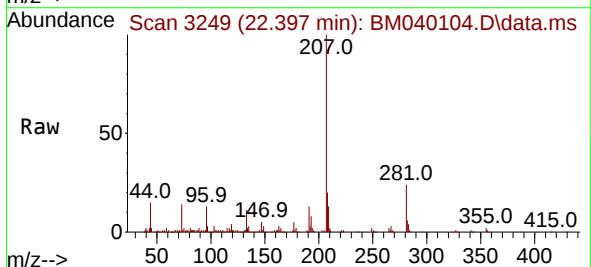
Tgt Ion:149 Resp: 2138

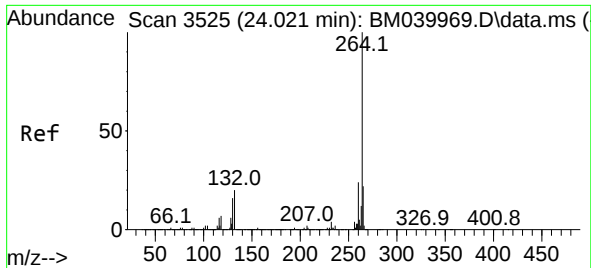
Ion Ratio Lower Upper

149 100

167 18.2 1.1 1.7#

43 38.6 7.4 11.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.991 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040104.D
Acq: 06 Jun 2023 15:16

Instrument :
BNA_M
ClientSampleId :
PB153183BL

Tgt Ion:264 Resp: 1281202

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.5	17.7	26.5

