

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039175.D
 Acq On : 28 Mar 2023 12:21
 Operator : CG/JU
 Sample : PB151576BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151576BL

Quant Time: Mar 29 01:25:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 01:46:09 2023
 Response via : Initial Calibration

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

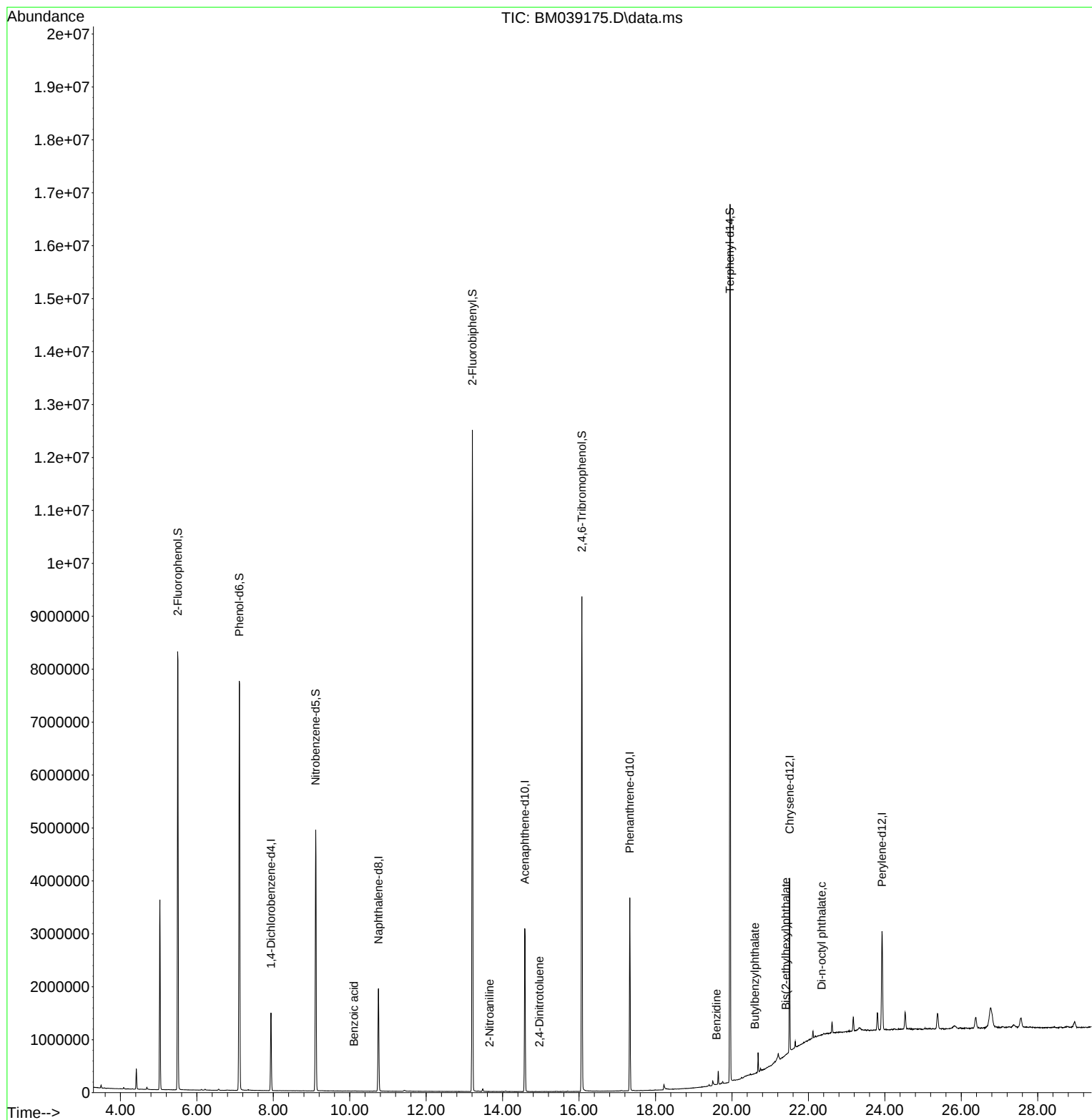
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	382516	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1602476	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	1036698	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	2086521	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1413879	20.000	ng	0.00
86) Perylene-d12	23.927	264	1361228	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	3681338	146.217	ng	0.00
7) Phenol-d6	7.110	99	4739476	144.926	ng	0.00
23) Nitrobenzene-d5	9.110	82	2845109	87.212	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	1728264	144.107	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	6328709	79.471	ng	0.00
79) Terphenyl-d14	19.950	244	7809080	100.982	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.110	122	314	5.747	ng	# 6
48) 2-Nitroaniline	13.657	65	202	2.224	ng	# 34
57) 2,4-Dinitrotoluene	14.963	165	257	2.082	ng	# 20
77) Benzidine	19.597	184	1780	4.926	ng	# 37
80) Butylbenzylphthalate	20.597	149	319	3.322	ng	# 85
84) Bis(2-ethylhexyl)phtha...	21.415	149	4082	2.544	ng	# 92
85) Di-n-octyl phthalate	22.350	149	1517	3.809	ng	# 1

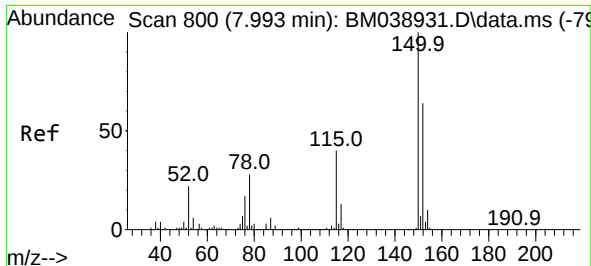
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
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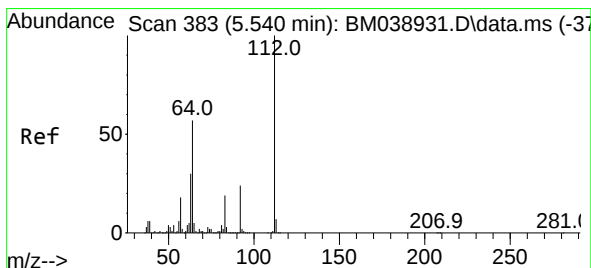
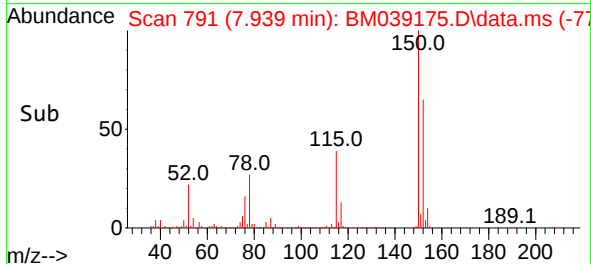
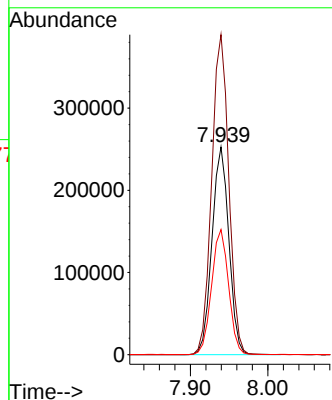
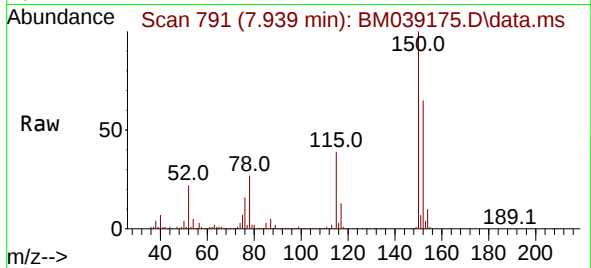




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

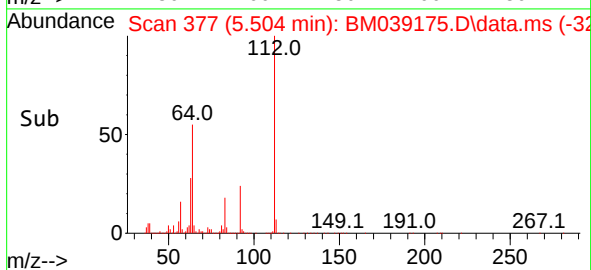
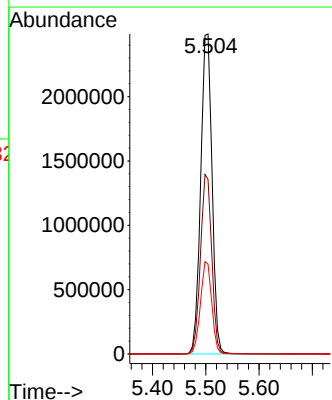
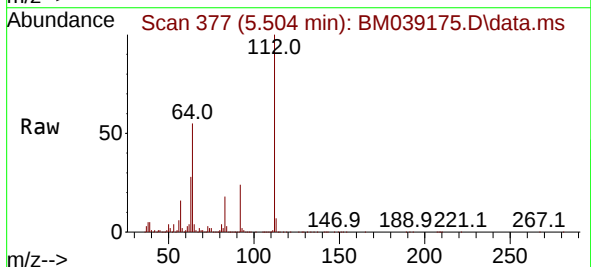
Instrument :
BNA_M
ClientSampleId :
PB151576BL

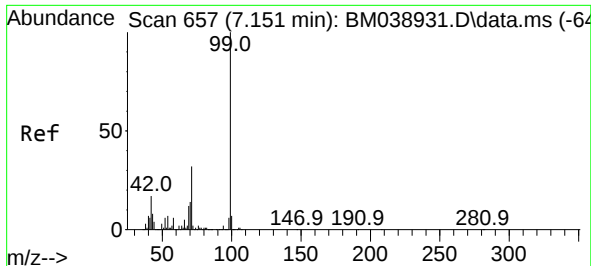
Tgt Ion:152 Resp: 382516
Ion Ratio Lower Upper
152 100
150 154.1 125.1 187.7
115 60.3 49.6 74.4



#5
2-Fluorophenol
Concen: 146.217 ng
RT: 5.504 min Scan# 377
Delta R.T. 0.006 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

Tgt Ion:112 Resp: 3681338
Ion Ratio Lower Upper
112 100
64 54.5 45.9 68.9
63 28.1 23.8 35.8

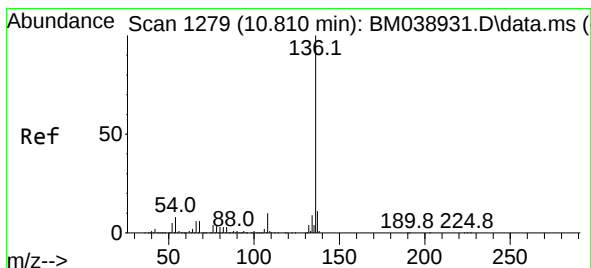
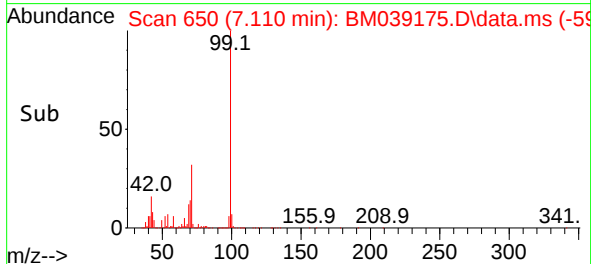
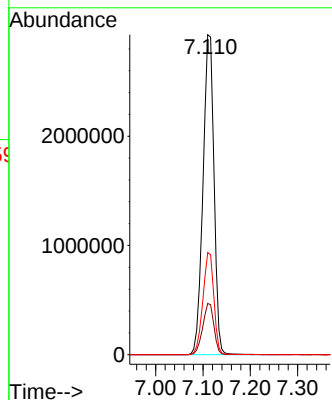
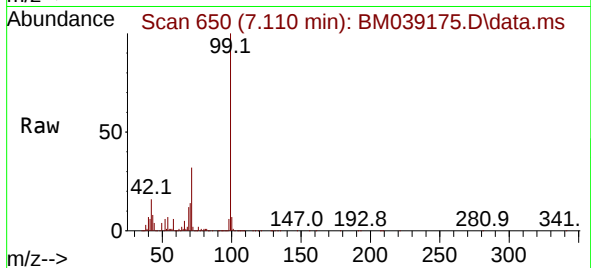




#7
Phenol-d6
Concen: 144.926 ng
RT: 7.110 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

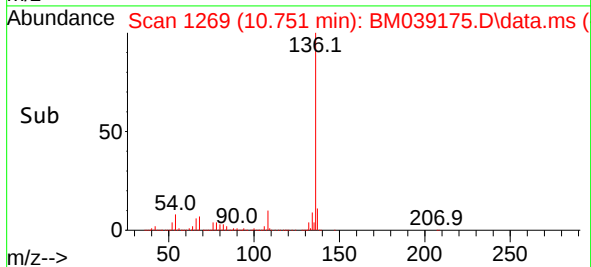
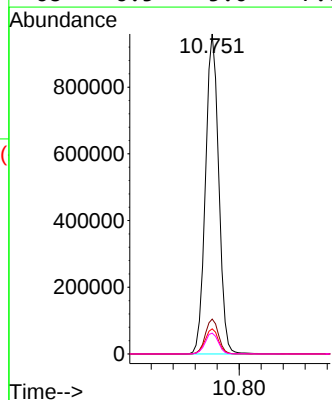
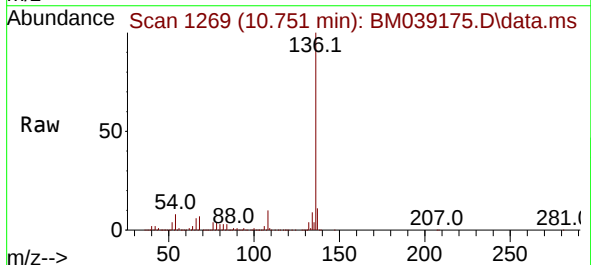
Instrument :
BNA_M
ClientSampleId :
PB151576BL

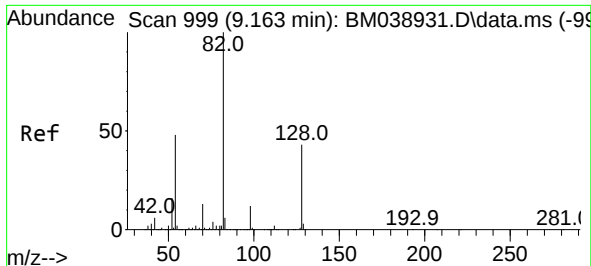
Tgt Ion: 99 Resp: 4739476
Ion Ratio Lower Upper
99 100
42 16.0 13.5 20.3
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

Tgt Ion:136 Resp: 1602476
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.9 6.3 9.5
68 6.5 5.0 7.6

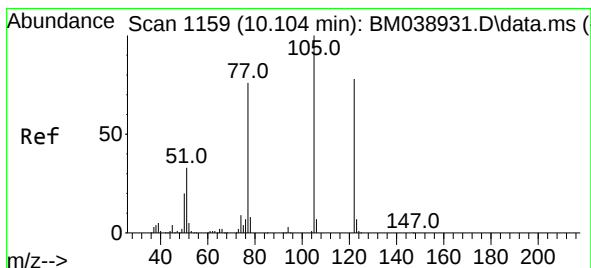
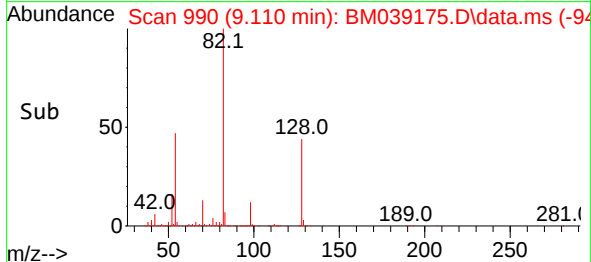
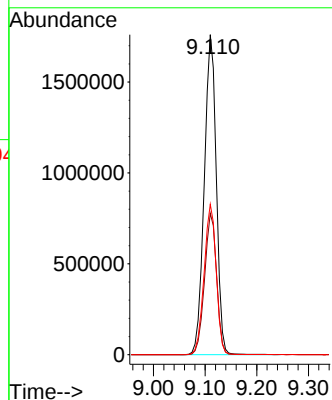
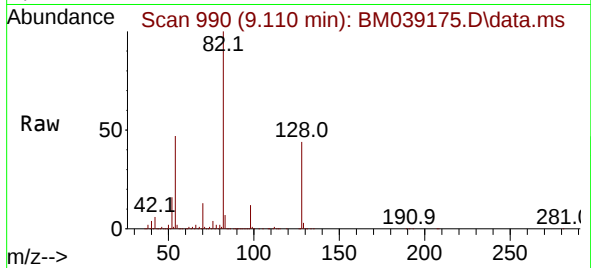




#23
Nitrobenzene-d5
Concen: 87.212 ng
RT: 9.110 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

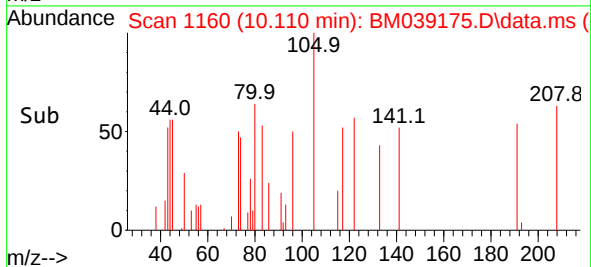
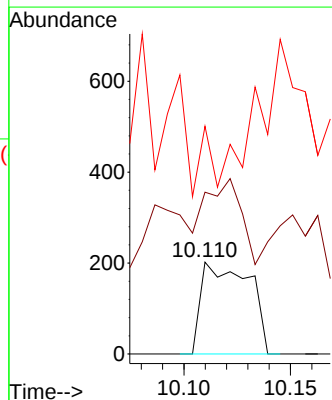
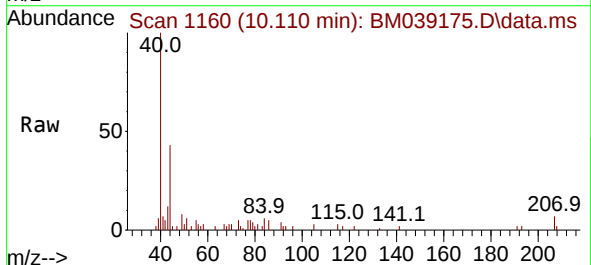
Instrument :
BNA_M
ClientSampleId :
PB151576BL

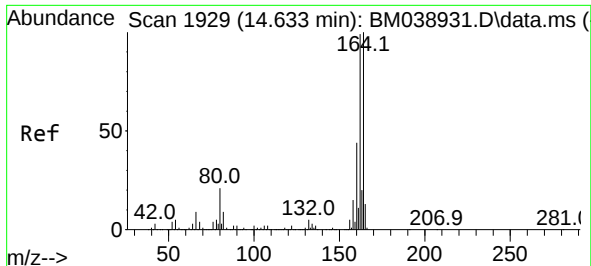
Tgt Ion: 82 Resp: 2845109
Ion Ratio Lower Upper
82 100
128 44.1 34.4 51.6
54 47.0 38.8 58.2



#32
Benzoic acid
Concen: 5.747 ng
RT: 10.110 min Scan# 1160
Delta R.T. 0.035 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

Tgt Ion:122 Resp: 314
Ion Ratio Lower Upper
122 100
105 176.2 104.2 144.2#
77 248.0 75.1 115.1#

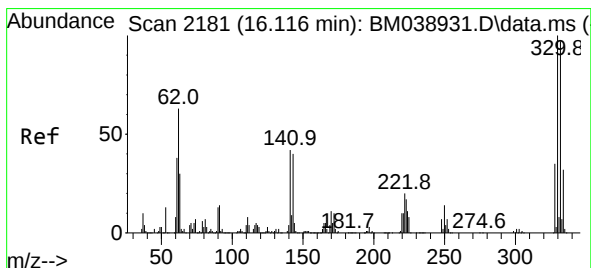
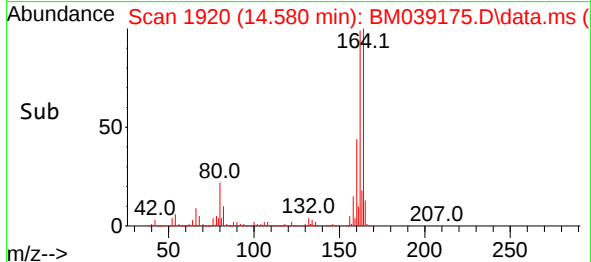
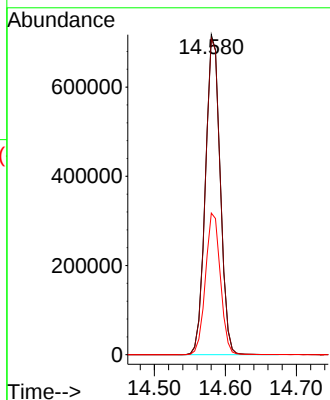
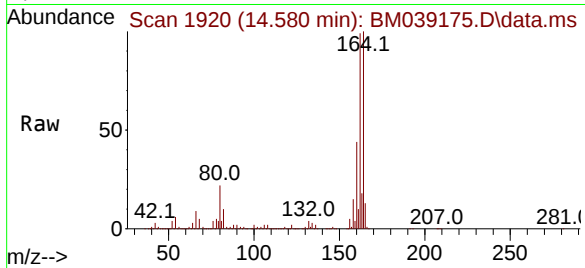




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

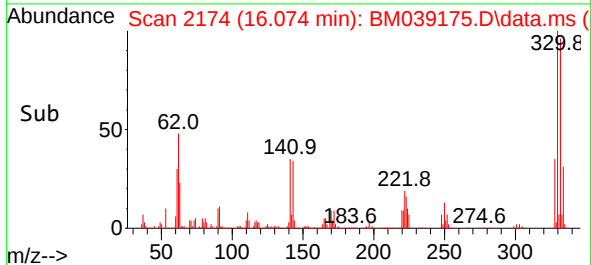
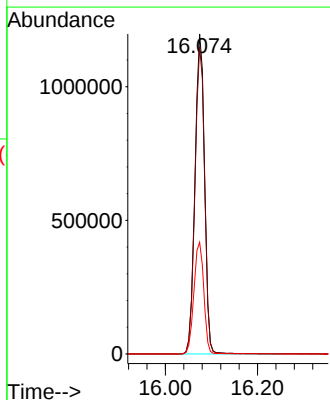
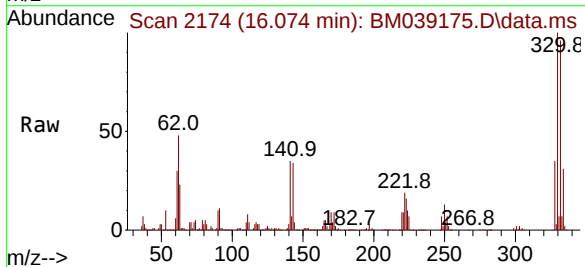
Instrument :
BNA_M
ClientSampleId :
PB151576BL

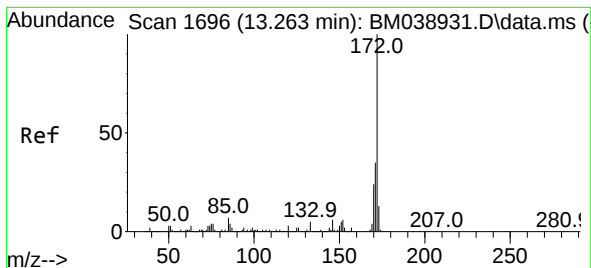
Tgt Ion:164 Resp: 1036698
Ion Ratio Lower Upper
164 100
162 98.8 79.2 118.8
160 44.2 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 144.107 ng
RT: 16.074 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

Tgt Ion:330 Resp: 1728264
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 36.0 32.2 48.4

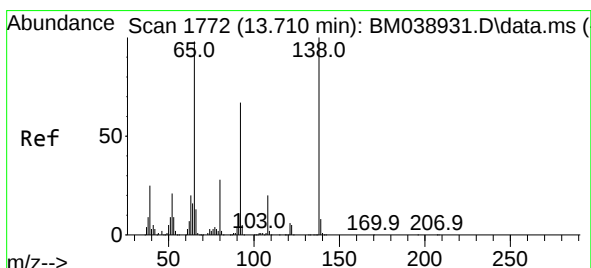
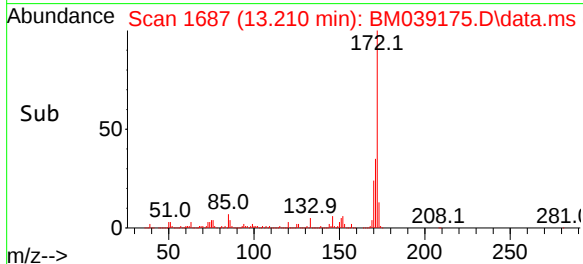
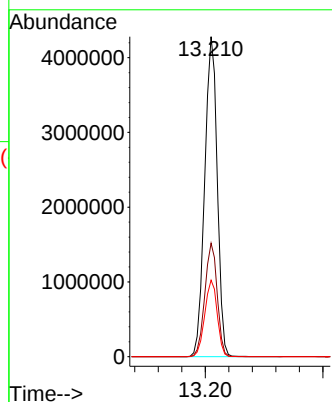
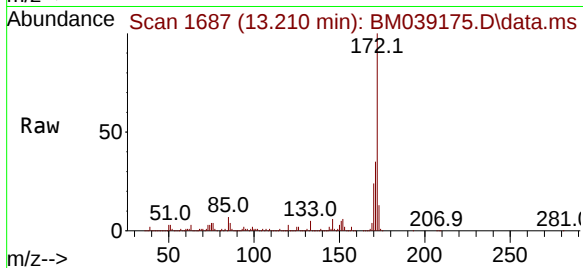




#45
2-Fluorobiphenyl
Concen: 79.471 ng
RT: 13.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

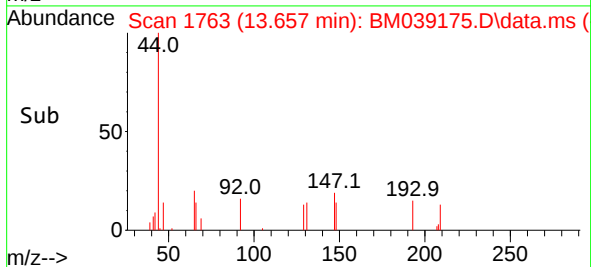
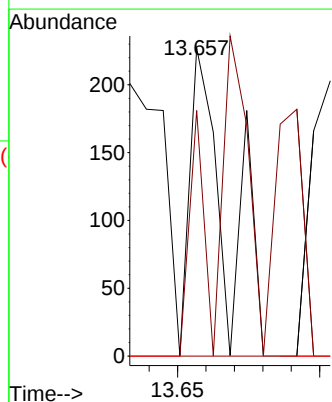
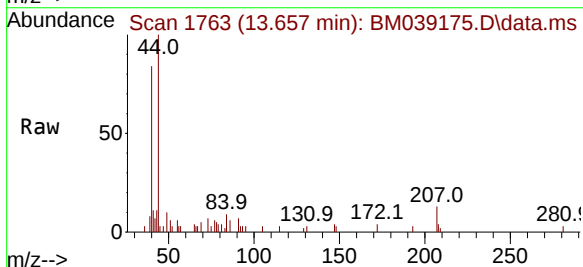
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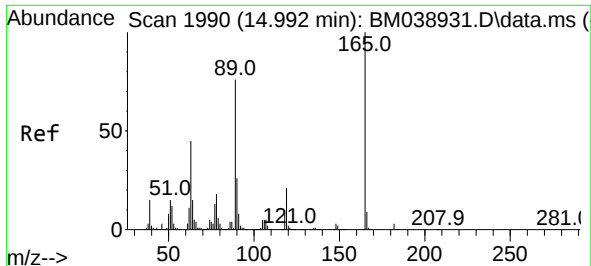
Tgt Ion:172 Resp: 6328709
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.9 19.1 28.7



#48
2-Nitroaniline
Concen: 2.224 ng
RT: 13.657 min Scan# 1763
Delta R.T. -0.018 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

Tgt Ion: 65 Resp: 202
Ion Ratio Lower Upper
65 100
92 79.7 54.9 82.3
138 0.0 81.6 122.4#





#57

2,4-Dinitrotoluene

Concen: 2.082 ng

RT: 14.963 min Scan# 1990

Delta R.T. 0.006 min

Lab File: BM039175.D

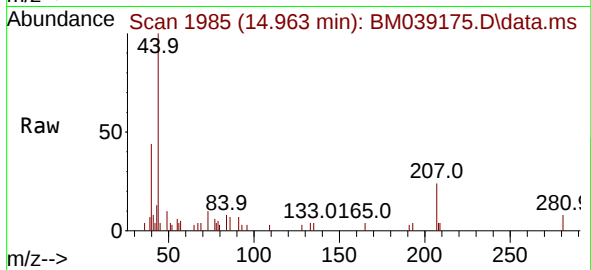
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Instrument :

BNA_M

ClientSampleId :

PB151576BL



Tgt Ion:165 Resp: 257

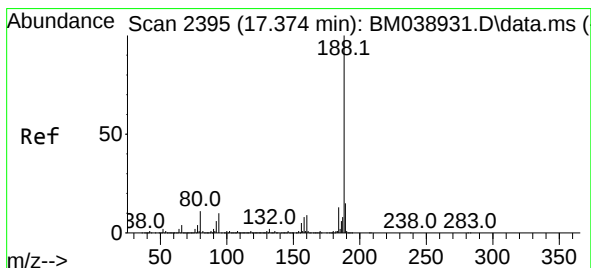
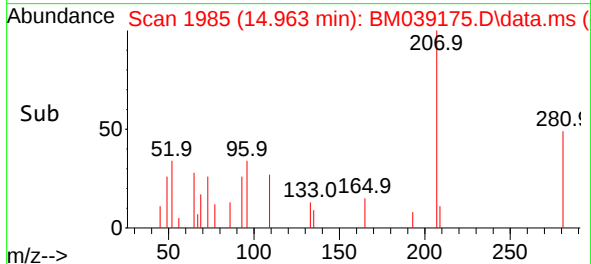
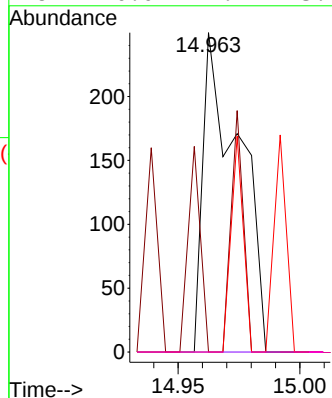
Ion Ratio Lower Upper

165 100

63 0.0 35.9 53.9#

89 0.0 61.0 91.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2387

Delta R.T. -0.006 min

Lab File: BM039175.D

Acq: 28 Mar 2023 12:21

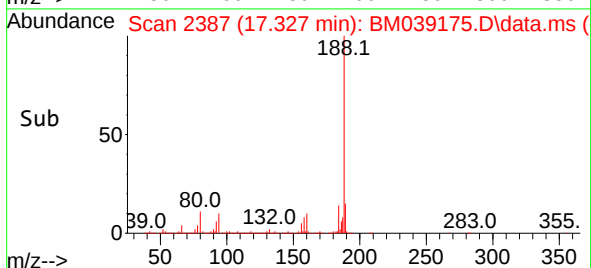
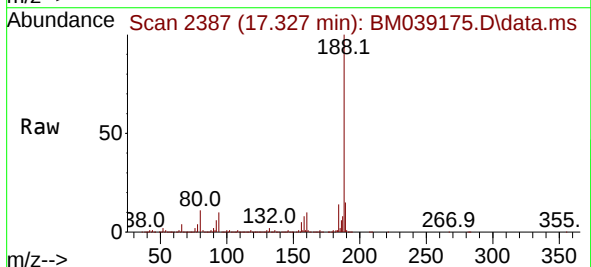
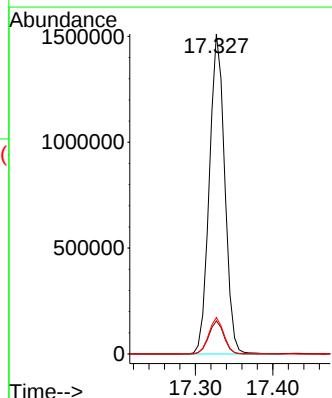
Tgt Ion:188 Resp: 2086521

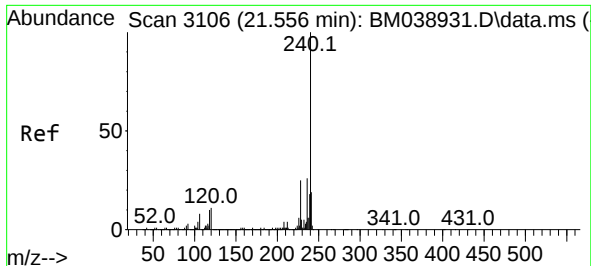
Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 11.4 8.5 12.7

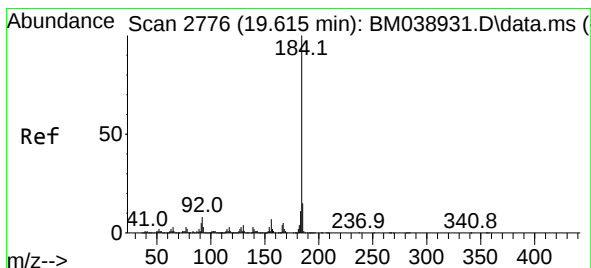
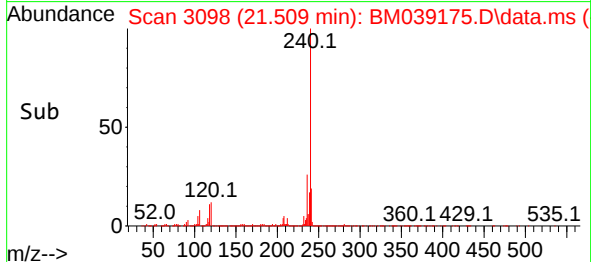
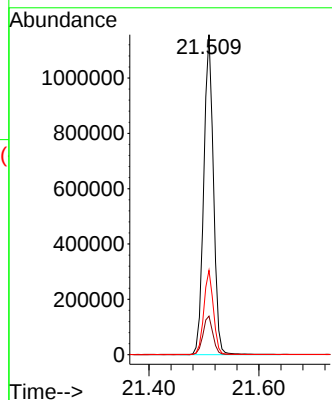
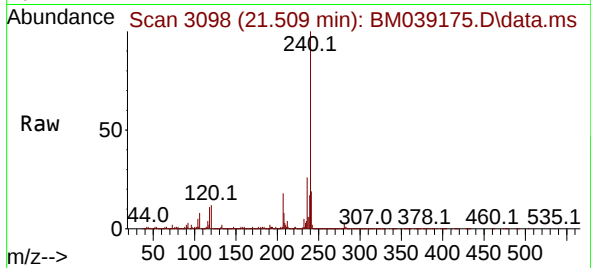




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

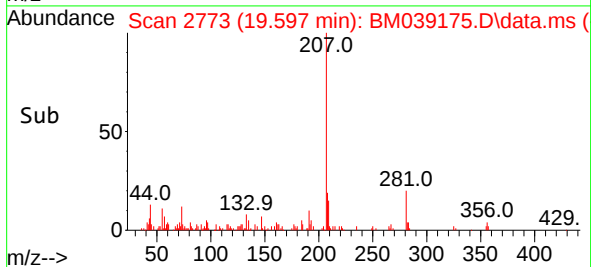
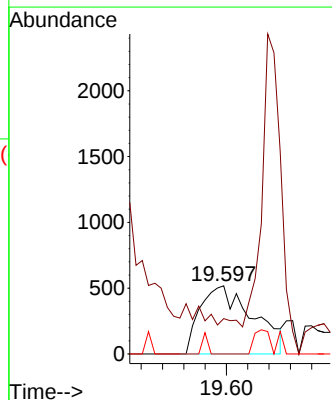
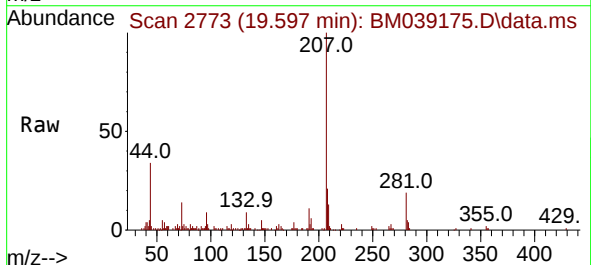
Instrument :
BNA_M
ClientSampleId :
PB151576BL

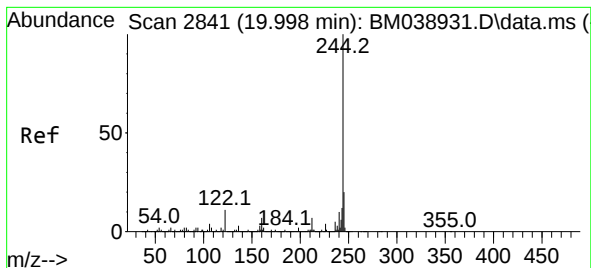
Tgt Ion:240 Resp: 1413879
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 26.4 20.8 31.2



#77
Benzidine
Concen: 4.926 ng
RT: 19.597 min Scan# 2773
Delta R.T. 0.017 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

Tgt Ion:184 Resp: 1780
Ion Ratio Lower Upper
184 100
185 51.9 12.2 18.4#
183 0.0 8.8 13.2#





#79

Terphenyl-d14

Concen: 100.982 ng

RT: 19.950 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039175.D

Acq: 28 Mar 2023 12:21

Instrument :

BNA_M

ClientSampleId :

PB151576BL

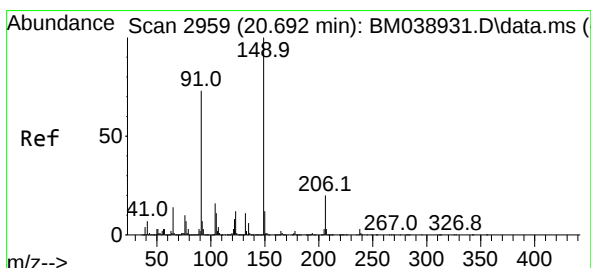
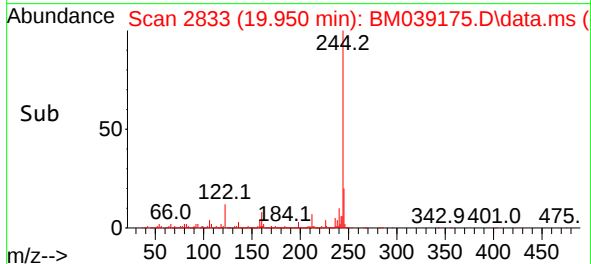
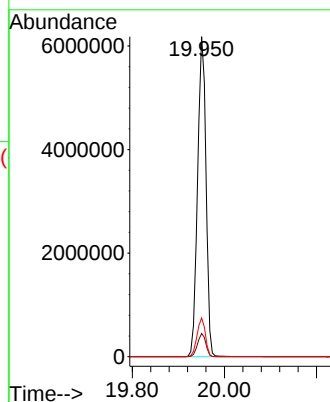
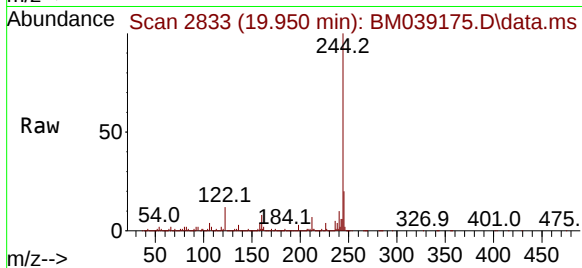
Tgt Ion:244 Resp: 7809080

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 12.1 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.322 ng

RT: 20.597 min Scan# 2943

Delta R.T. -0.047 min

Lab File: BM039175.D

Acq: 28 Mar 2023 12:21

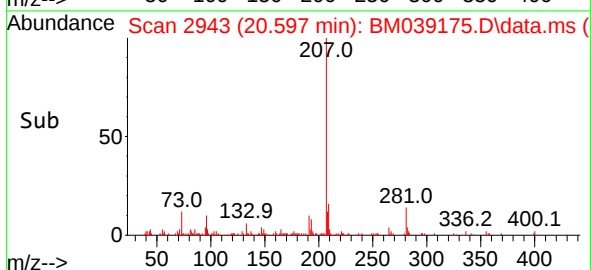
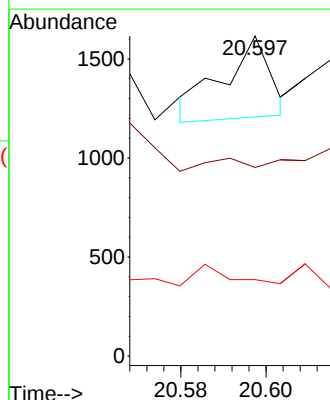
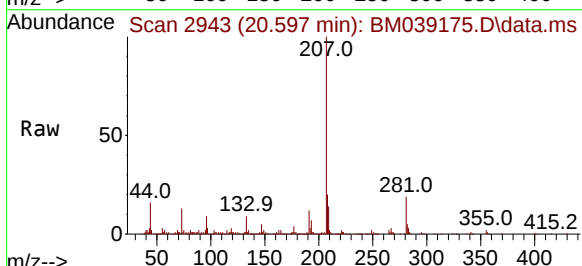
Tgt Ion:149 Resp: 319

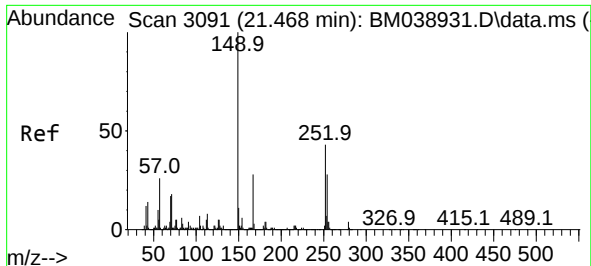
Ion Ratio Lower Upper

149 100

91 58.9 58.4 87.6

206 23.9 16.1 24.1

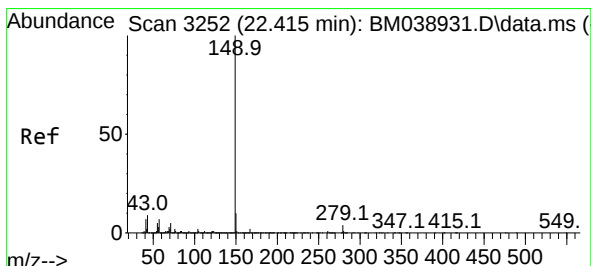
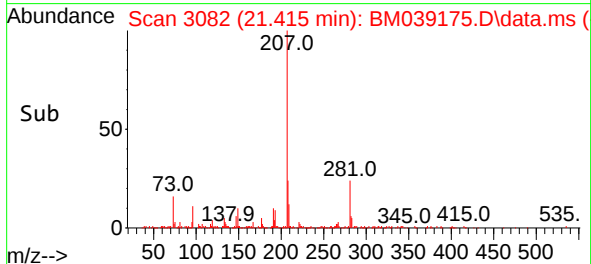
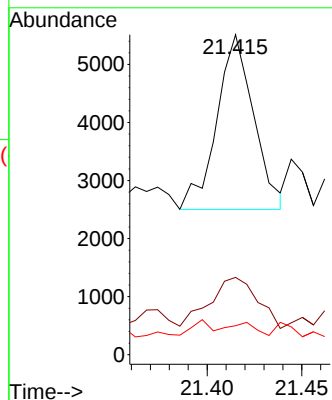
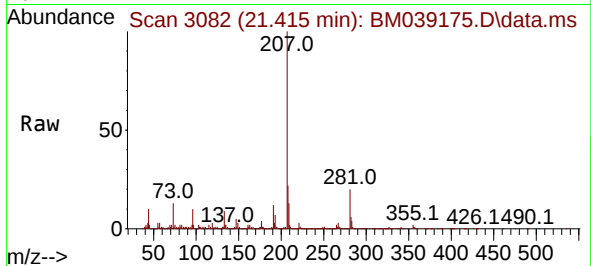




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.544 ng
RT: 21.415 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

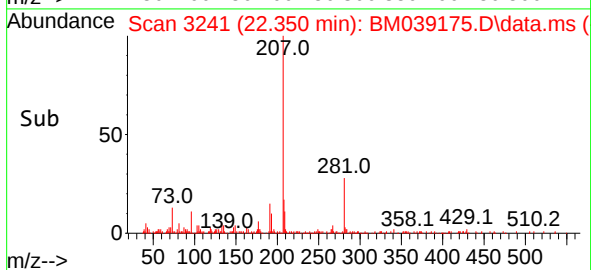
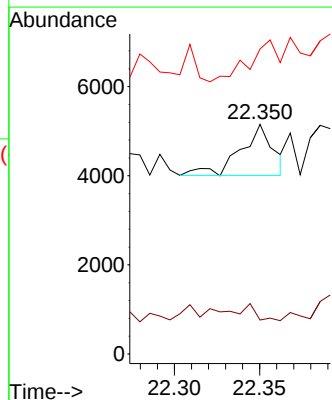
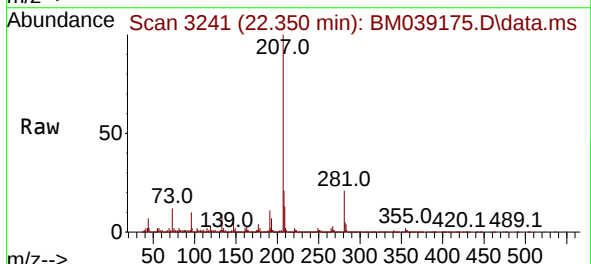
Instrument :
BNA_M
ClientSampleId :
PB151576BL

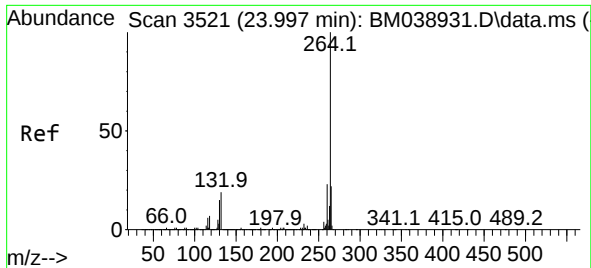
Tgt Ion:149 Resp: 4082
Ion Ratio Lower Upper
149 100
167 24.2 22.3 33.5
279 9.1 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 3.809 ng
RT: 22.350 min Scan# 3241
Delta R.T. -0.006 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

Tgt Ion:149 Resp: 1517
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 72.4 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039175.D
Acq: 28 Mar 2023 12:21

Instrument :
BNA_M
ClientSampleId :
PB151576BL

Tgt Ion:264 Resp: 1361228

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.0	17.9	26.9

