

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039189.D
 Acq On : 28 Mar 2023 20:59
 Operator : CG/JU
 Sample : 02111-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 APCS-NORTH

Quant Time: Mar 29 01:32:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 29 01:28:31 2023
 Response via : Initial Calibration

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

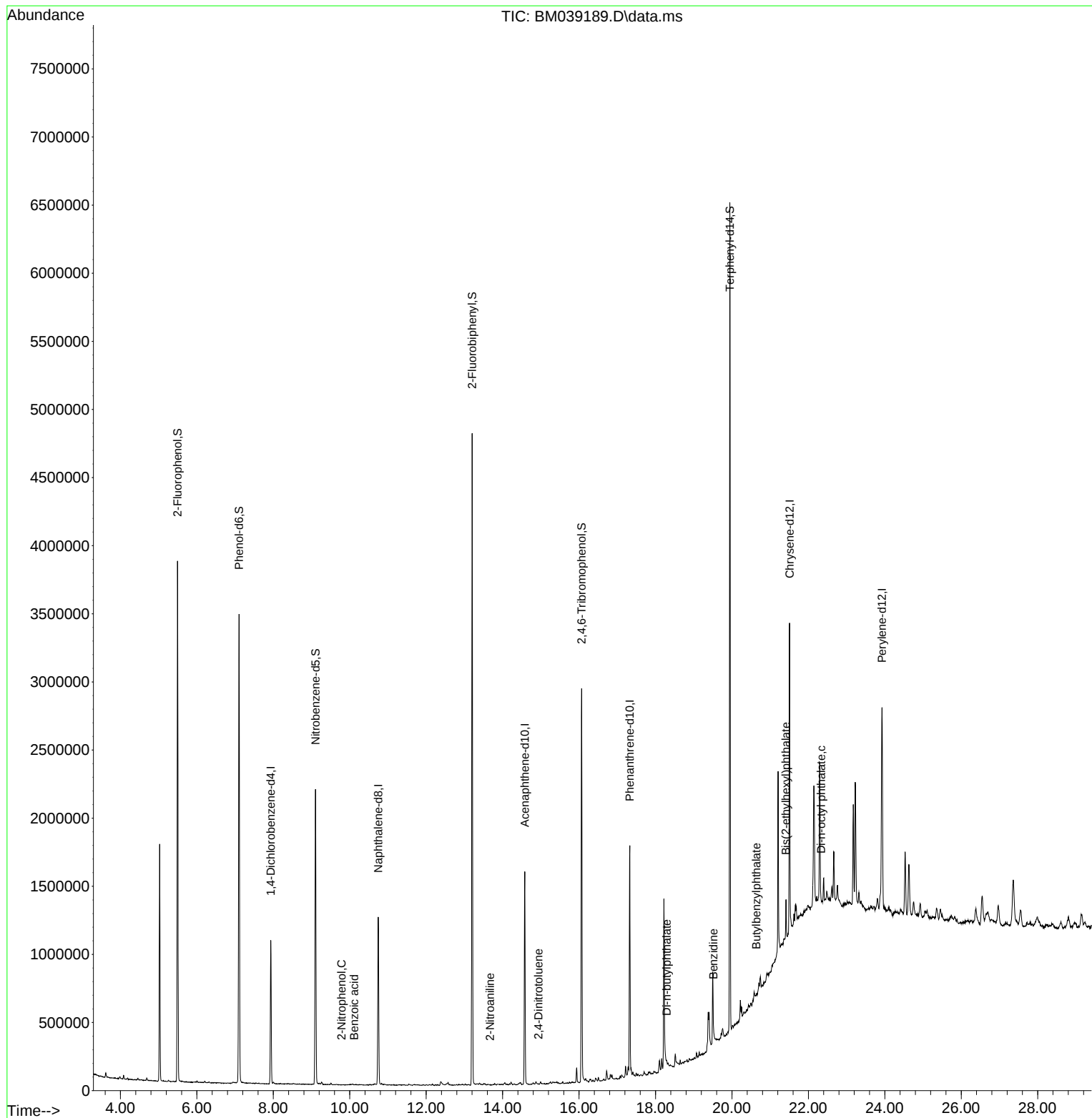
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	279558	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	1028194	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	525363	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1009177	20.000	ng	0.00
76) Chrysene-d12	21.509	240	999928	20.000	ng	0.00
86) Perylene-d12	23.927	264	1132782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1668226	90.662	ng	0.00
7) Phenol-d6	7.104	99	2020121	84.522	ng	0.00
23) Nitrobenzene-d5	9.104	82	1254887	59.951	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	521911	85.874	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	2352139	58.284	ng	0.00
79) Terphenyl-d14	19.945	244	2835929	51.854	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.786	139	53	2.996	ng	# 1
32) Benzoic acid	10.116	122	152	5.744	ng	# 1
48) 2-Nitroaniline	13.674	65	294	2.242	ng	# 6
57) 2,4-Dinitrotoluene	14.939	165	160	2.084	ng	# 7
74) Di-n-butylphthalate	18.292	149	14653	2.013	ng	# 94
77) Benzidine	19.515	184	103	4.880	ng	# 1
80) Butylbenzylphthalate	20.639	149	5485	3.476	ng	# 78
84) Bis(2-ethylhexyl)phtha...	21.415	149	87401	4.280	ng	# 98
85) Di-n-octyl phthalate	22.333	149	1194	3.811	ng	# 77

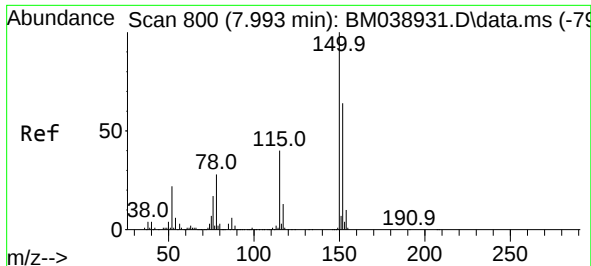
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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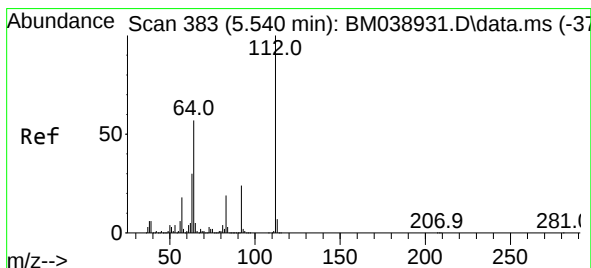
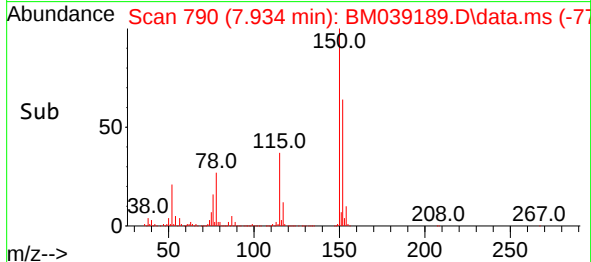
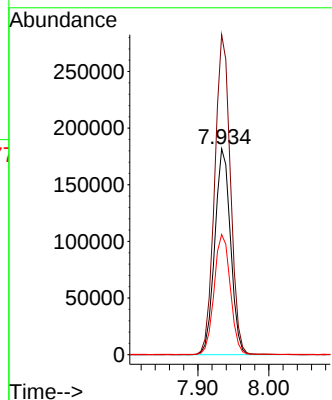
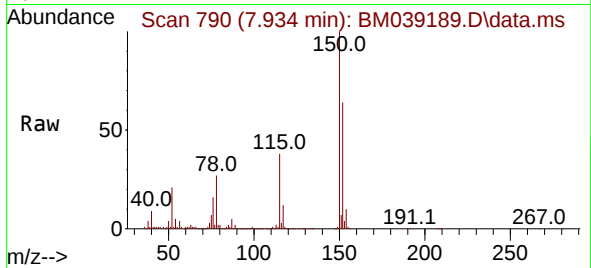




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 71
Delta R.T. -0.005 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

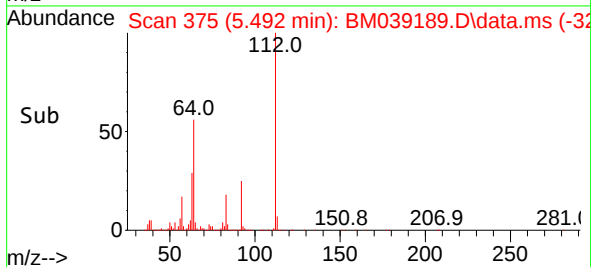
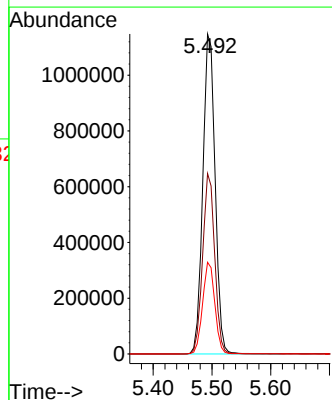
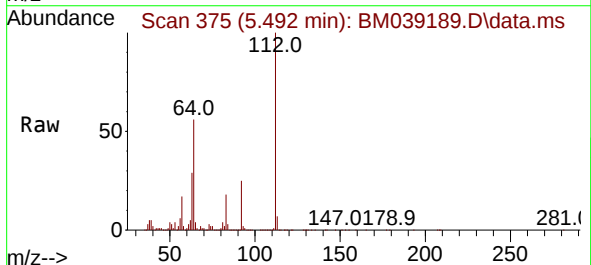
Instrument :
BNA_M
ClientSampleId :
APCS-NORTH

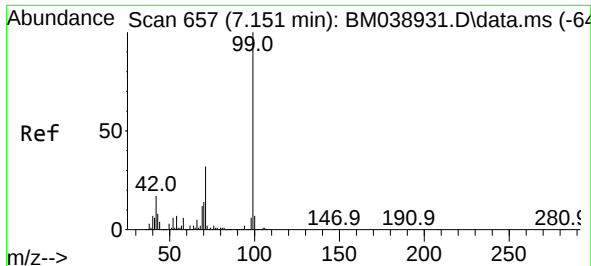
Tgt Ion:152 Resp: 279558
Ion Ratio Lower Upper
152 100
150 155.4 125.1 187.7
115 58.4 49.6 74.4



#5
2-Fluorophenol
Concen: 90.662 ng
RT: 5.492 min Scan# 375
Delta R.T. -0.006 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

Tgt Ion:112 Resp: 1668226
Ion Ratio Lower Upper
112 100
64 56.4 45.9 68.9
63 28.7 23.8 35.8

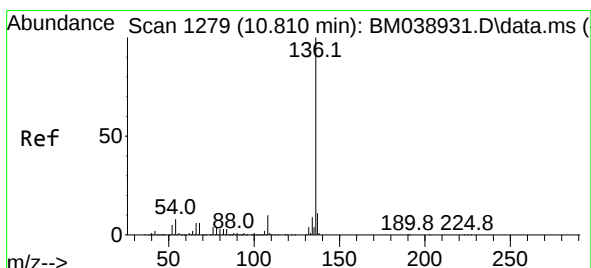
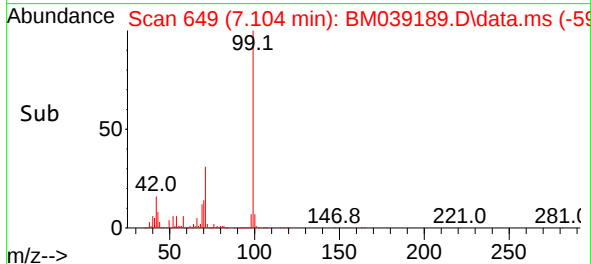
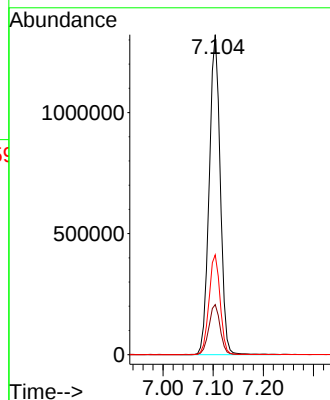
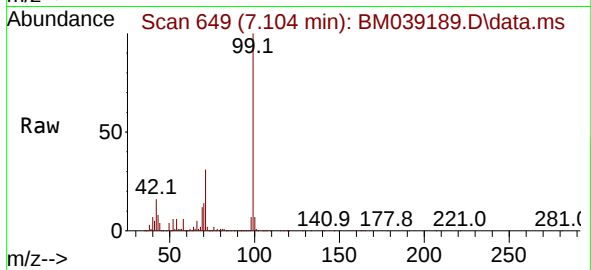




#7
Phenol-d6
Concen: 84.522 ng
RT: 7.104 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

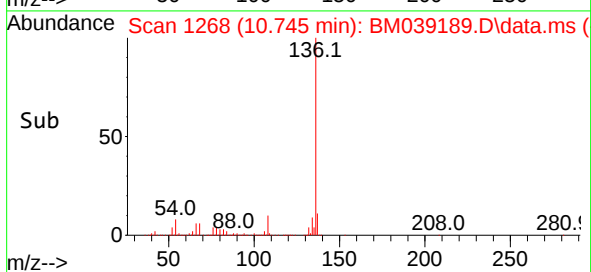
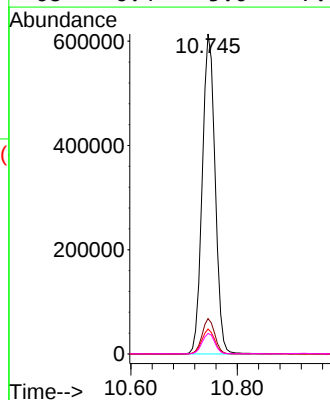
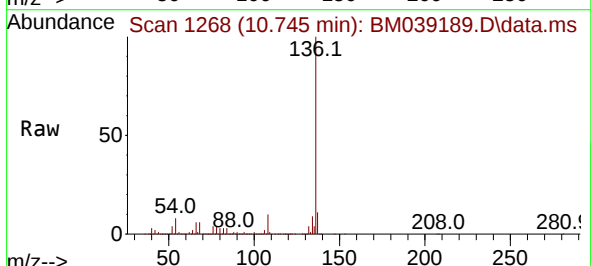
Instrument :
BNA_M
ClientSampleId :
APCS-NORTH

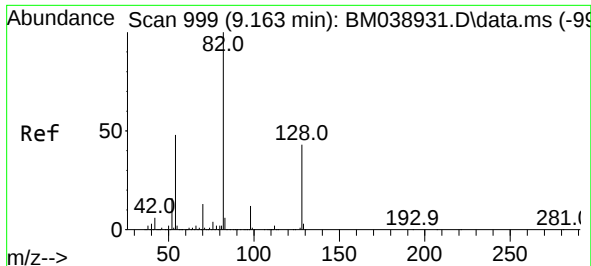
Tgt Ion: 99 Resp: 2020121
Ion Ratio Lower Upper
99 100
42 15.7 13.5 20.3
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

Tgt Ion: 136 Resp: 1028194
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.8 6.3 9.5
68 6.4 5.0 7.6



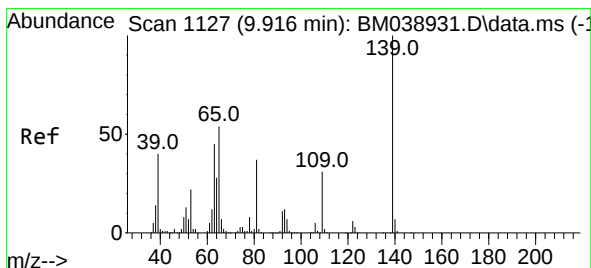
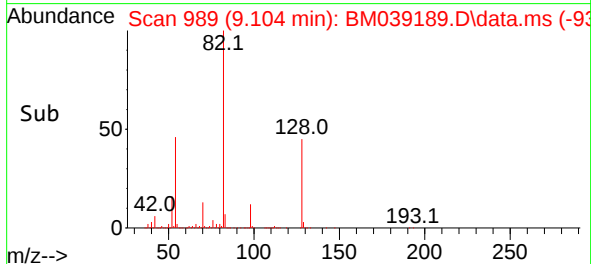
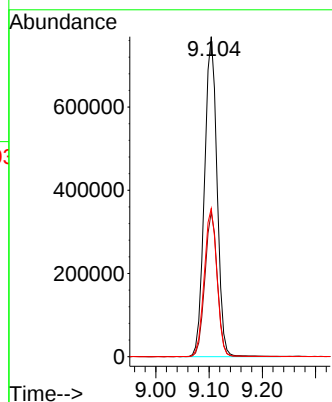
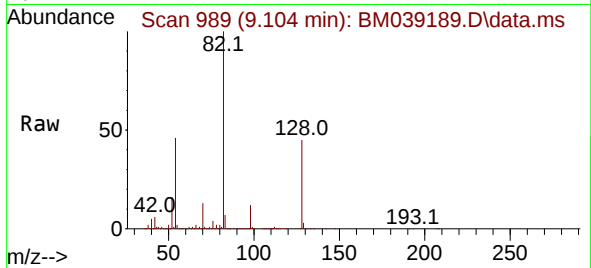


#23
Nitrobenzene-d5
Concen: 59.951 ng
RT: 9.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

Instrument :
BNA_M
ClientSampleId :
APCS-NORTH

Tgt Ion: 82 Resp: 1254887

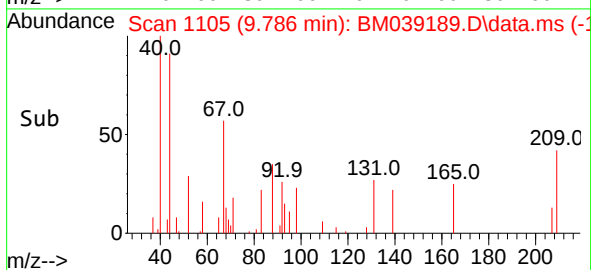
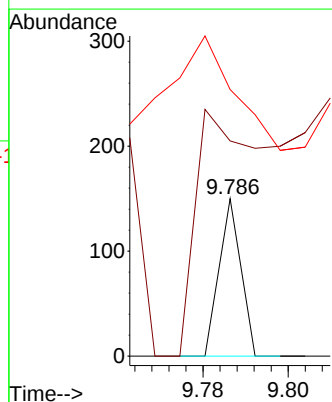
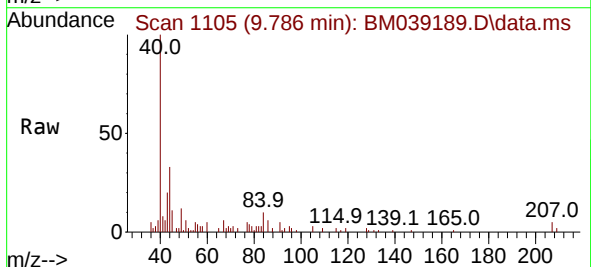
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.4	51.6
54	46.3	38.8	58.2

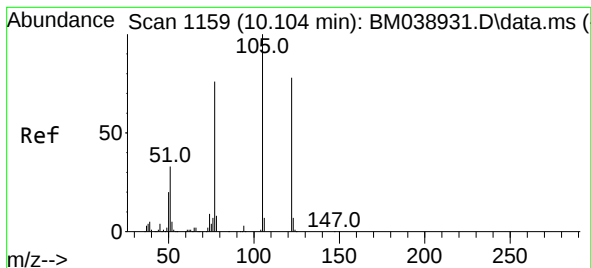


#26
2-Nitrophenol
Concen: 2.996 ng
RT: 9.786 min Scan# 1105
Delta R.T. -0.077 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

Tgt Ion: 139 Resp: 53

Ion	Ratio	Lower	Upper
139	100		
109	136.7	24.5	36.7#
65	169.3	43.0	64.6#





#32

Benzoic acid

Concen: 5.744 ng

RT: 10.116 min Scan# 1161

Delta R.T. 0.018 min

Lab File: BM039189.D

Acq: 28 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

APCS-NORTH

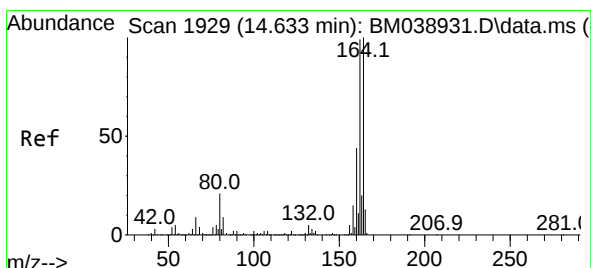
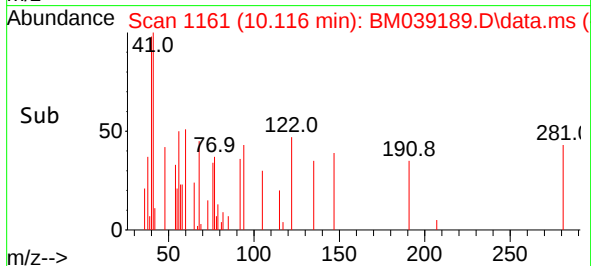
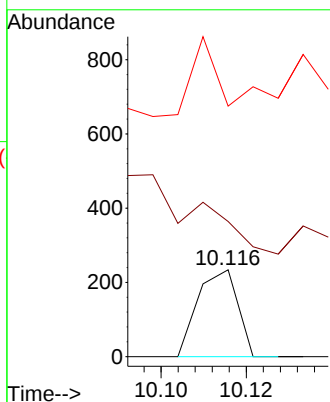
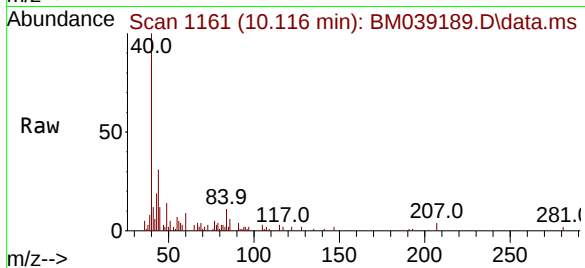
Tgt Ion:122 Resp: 152

Ion Ratio Lower Upper

122 100

105 155.6 104.2 144.2#

77 288.5 75.1 115.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BM039189.D

Acq: 28 Mar 2023 20:59

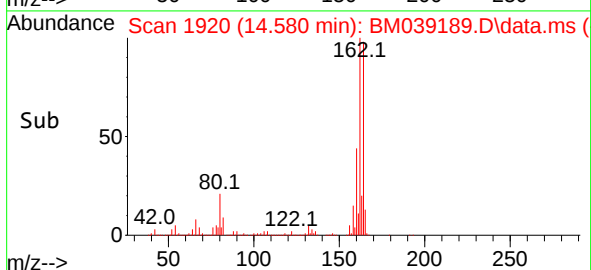
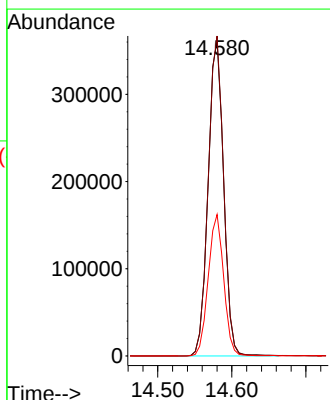
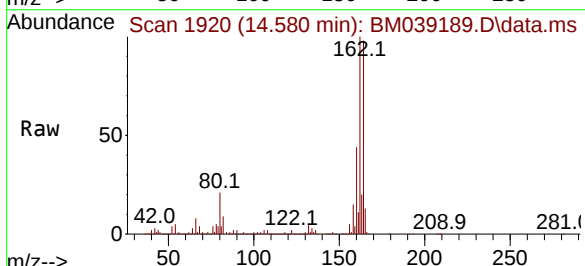
Tgt Ion:164 Resp: 525363

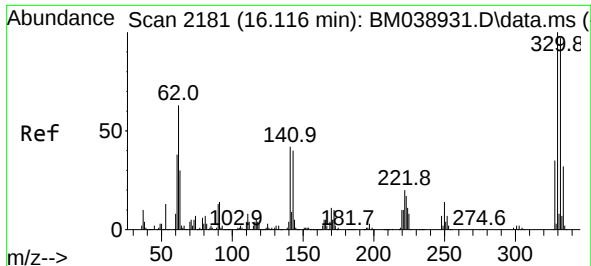
Ion Ratio Lower Upper

164 100

162 101.5 79.2 118.8

160 44.9 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 85.874 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039189.D

Acq: 28 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

APCS-NORTH

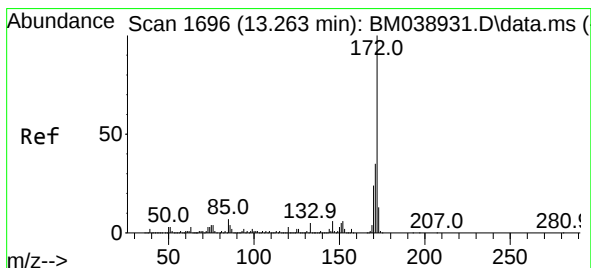
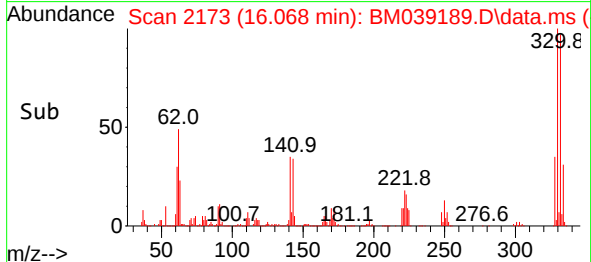
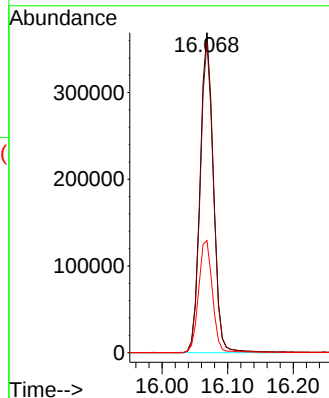
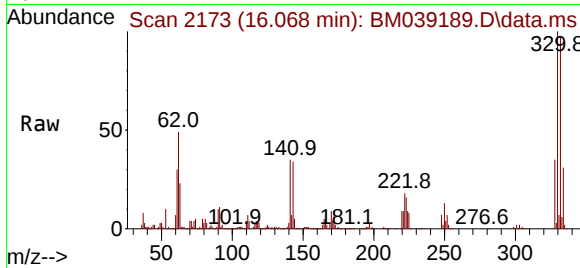
Tgt Ion:330 Resp: 521911

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 36.8 32.2 48.4



#45

2-Fluorobiphenyl

Concen: 58.284 ng

RT: 13.204 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BM039189.D

Acq: 28 Mar 2023 20:59

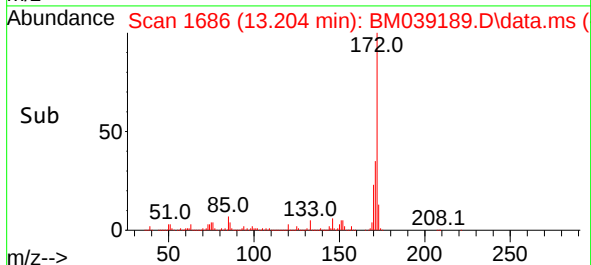
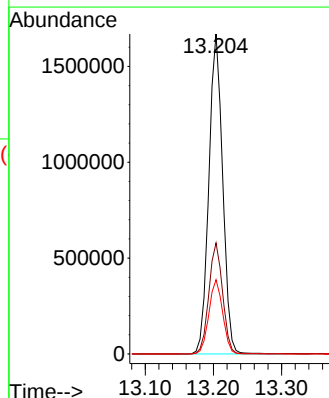
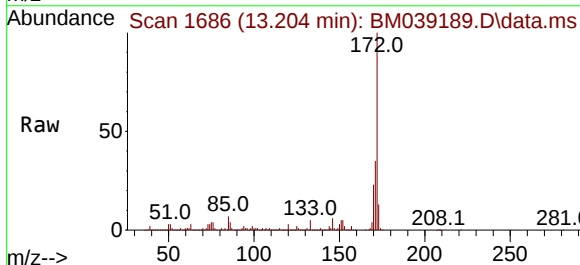
Tgt Ion:172 Resp: 2352139

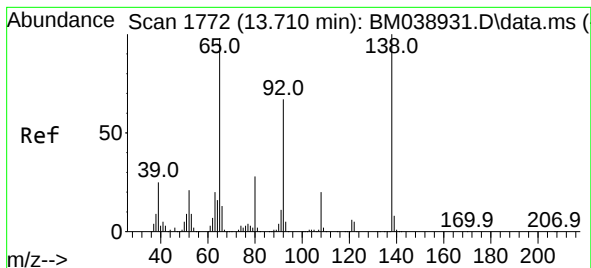
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.2 19.1 28.7





#48

2-Nitroaniline

Concen: 2.242 ng

RT: 13.674 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM039189.D

Acq: 28 Mar 2023 20:59

Instrument :

BNA_M

ClientSampleId :

APCS-NORTH

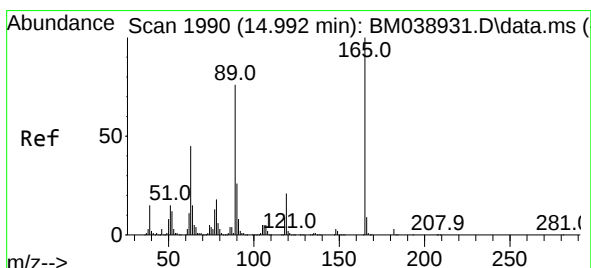
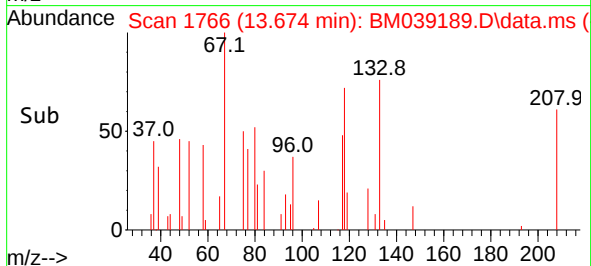
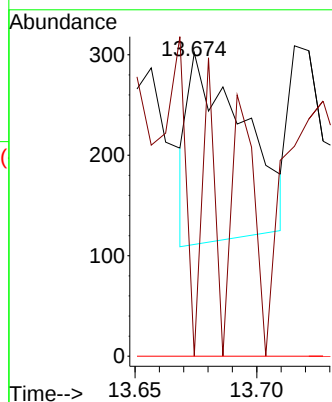
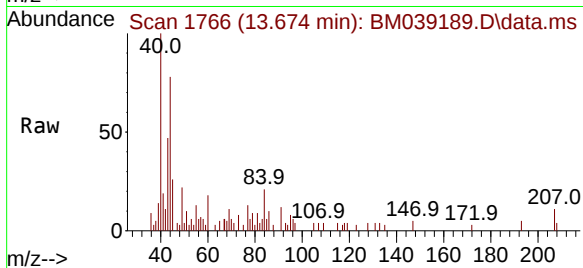
Tgt Ion: 65 Resp: 294

Ion Ratio Lower Upper

65 100

92 0.0 54.9 82.3#

138 0.0 81.6 122.4#



#57

2,4-Dinitrotoluene

Concen: 2.084 ng

RT: 14.939 min Scan# 1981

Delta R.T. -0.012 min

Lab File: BM039189.D

Acq: 28 Mar 2023 20:59

Tgt Ion: 165 Resp: 160

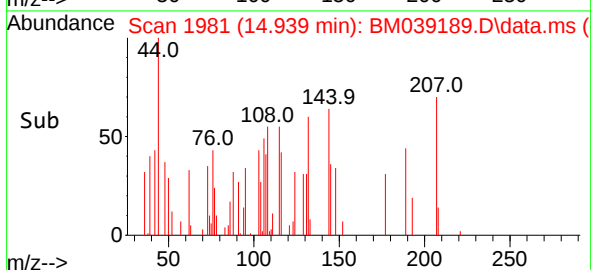
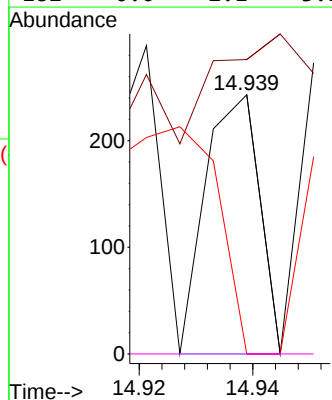
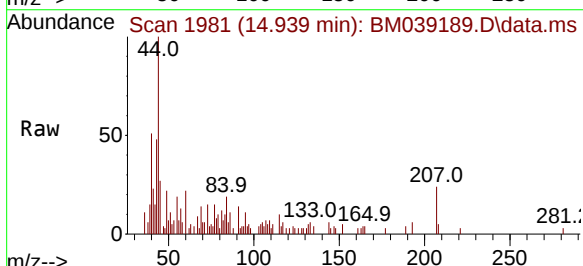
Ion Ratio Lower Upper

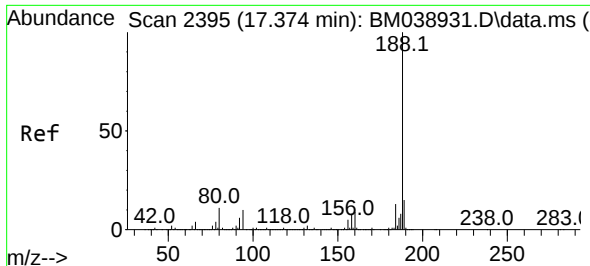
165 100

63 113.6 35.9 53.9#

89 0.0 61.0 91.6#

182 0.0 2.1 3.1#

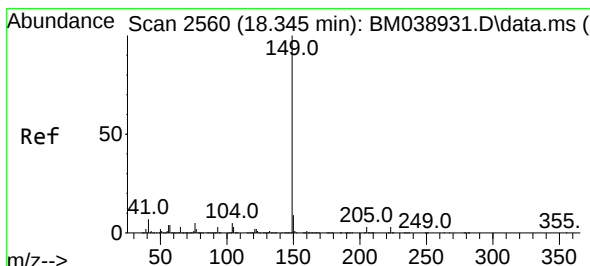
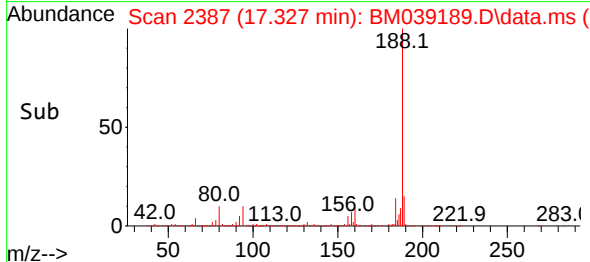
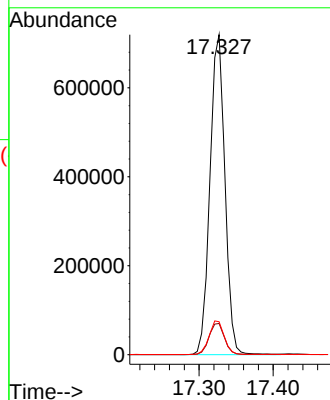
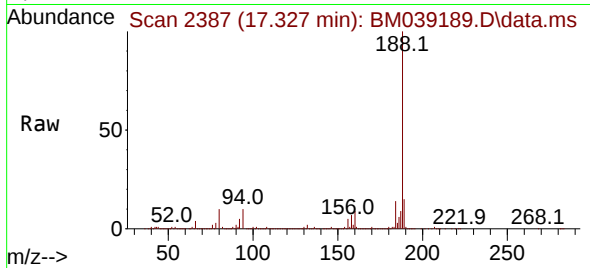




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

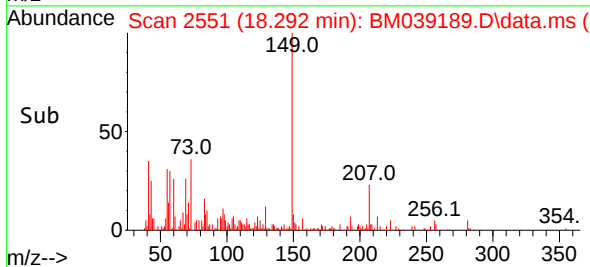
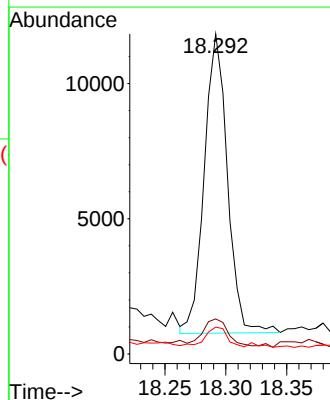
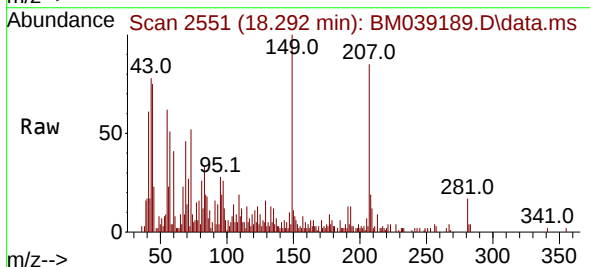
Instrument :
BNA_M
ClientSampleId :
APCS-NORTH

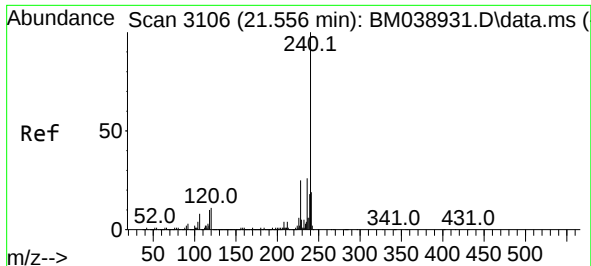
Tgt Ion:188 Resp: 1009177
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.3 8.5 12.7



#74
Di-n-butylphthalate
Concen: 2.013 ng
RT: 18.292 min Scan# 2551
Delta R.T. -0.006 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

Tgt Ion:149 Resp: 14653
Ion Ratio Lower Upper
149 100
150 11.0 7.4 11.2
104 8.4 4.3 6.5

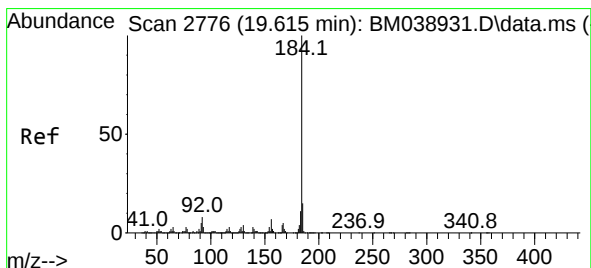
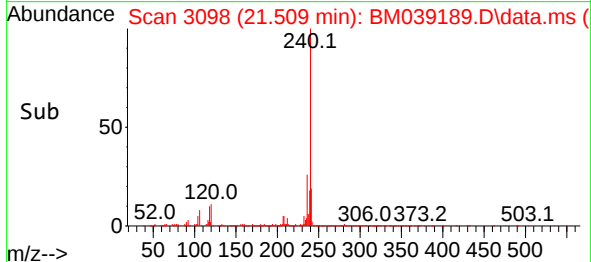
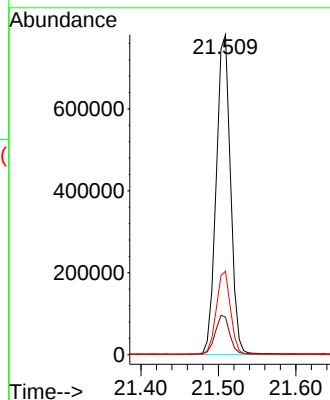
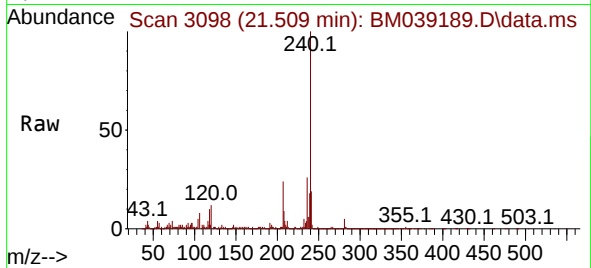




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

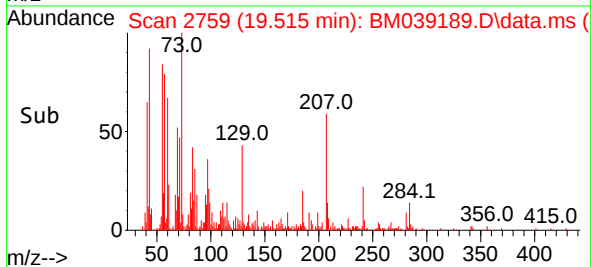
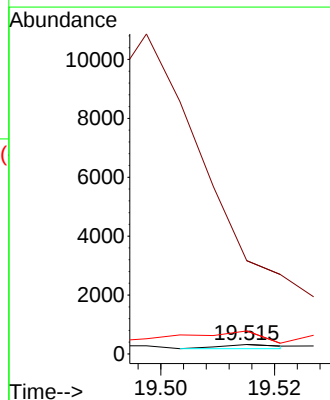
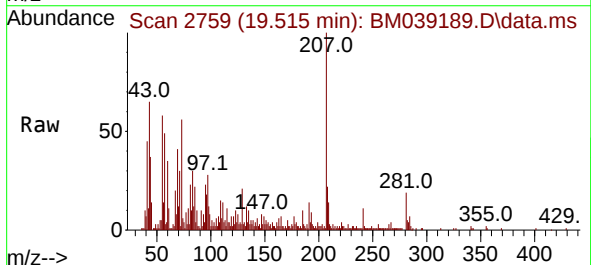
Instrument :
BNA_M
ClientSampleId :
APCS-NORTH

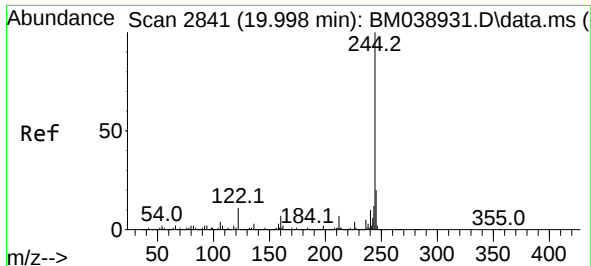
Tgt Ion:240 Resp: 999928
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.1 20.8 31.2



#77
Benzidine
Concen: 4.880 ng
RT: 19.515 min Scan# 2759
Delta R.T. -0.059 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

Tgt Ion:184 Resp: 103
Ion Ratio Lower Upper
184 100
185 987.5 12.2 18.4#
183 243.0 8.8 13.2#

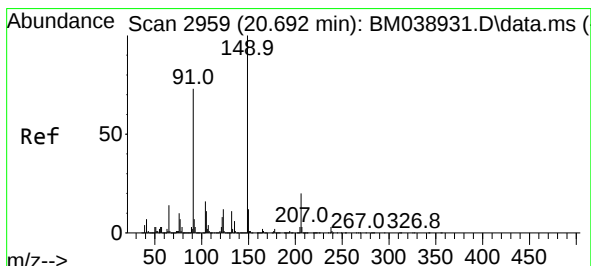
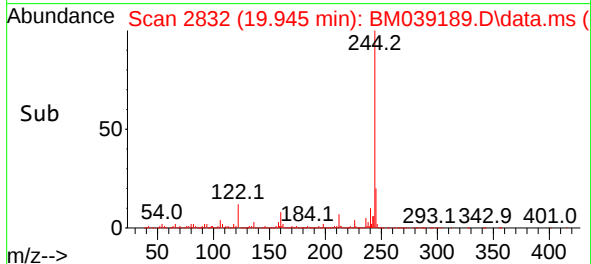
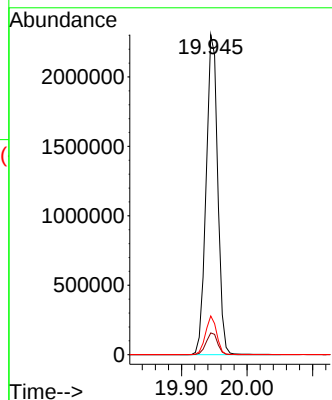
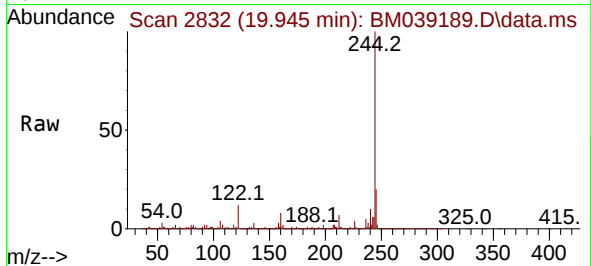




#79
 Terphenyl-d14
 Concen: 51.854 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039189.D
 Acq: 28 Mar 2023 20:59

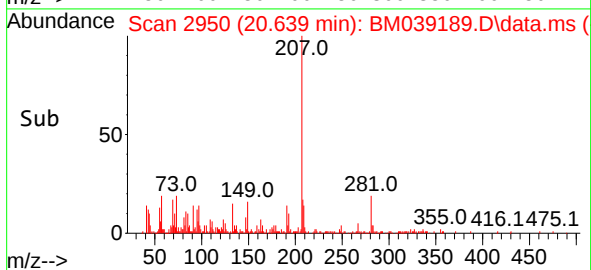
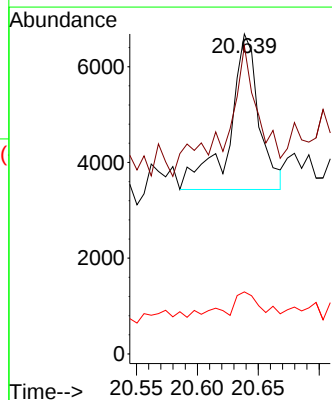
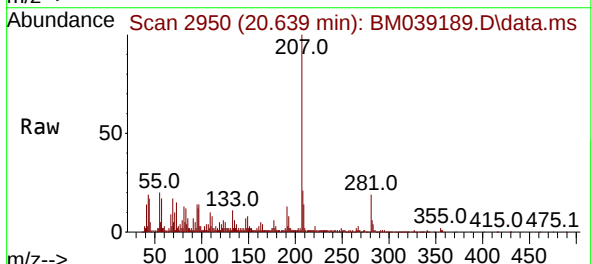
Instrument :
 BNA_M
 ClientSampleId :
 APCS-NORTH

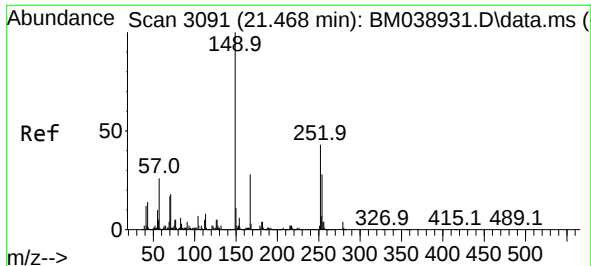
Tgt Ion:244 Resp: 2835929
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 12.1 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.476 ng
 RT: 20.639 min Scan# 2950
 Delta R.T. -0.006 min
 Lab File: BM039189.D
 Acq: 28 Mar 2023 20:59

Tgt Ion:149 Resp: 5485
 Ion Ratio Lower Upper
 149 100
 91 96.3 58.4 87.6#
 206 19.4 16.1 24.1

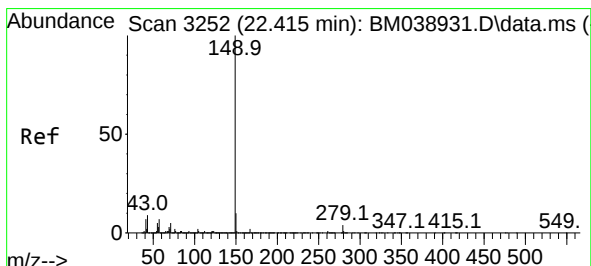
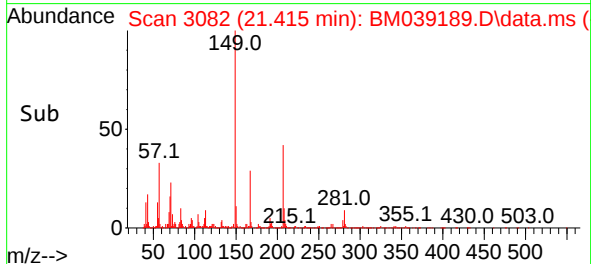
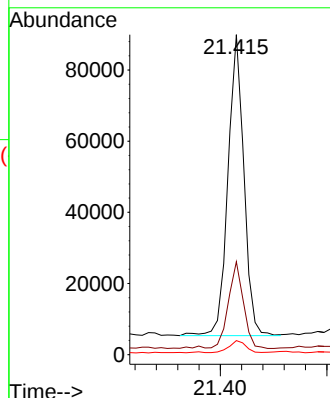
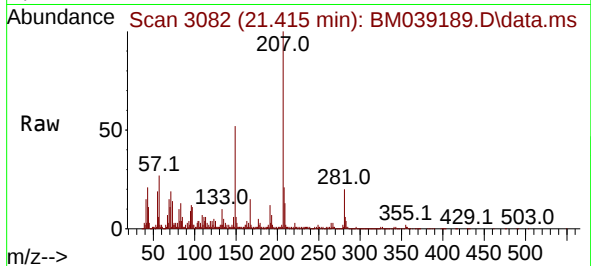




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.280 ng
RT: 21.415 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

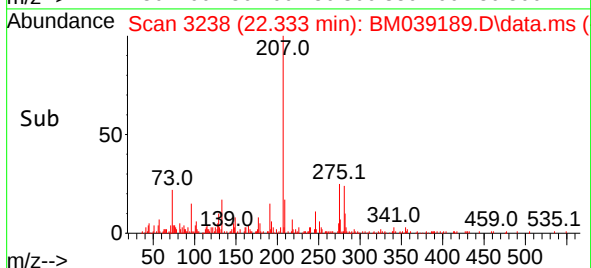
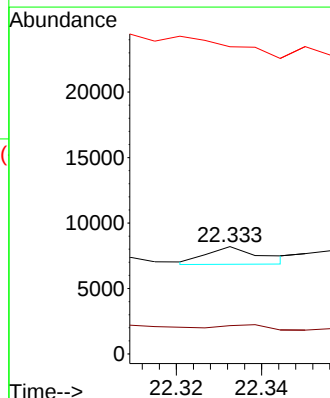
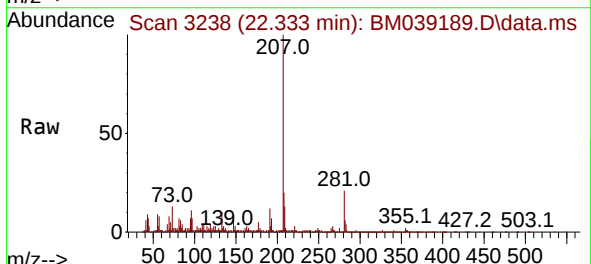
Instrument :
BNA_M
ClientSampleId :
APCS-NORTH

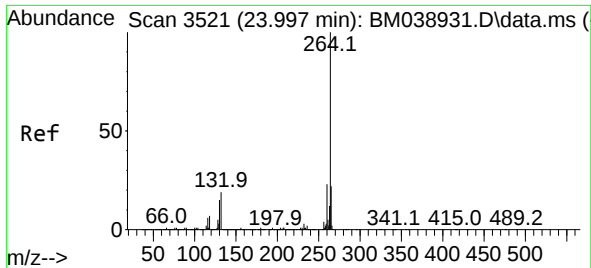
Tgt Ion:	149	Resp:	87401
Ion Ratio	Lower	Upper	
149	100		
167	29.1	22.3	33.5
279	4.4	3.2	4.8



#85
Di-n-octyl phthalate
Concen: 3.811 ng
RT: 22.333 min Scan# 3238
Delta R.T. -0.012 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

Tgt Ion:	149	Resp:	1194
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.2	1.8#
43	0.0	7.4	11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039189.D
Acq: 28 Mar 2023 20:59

Instrument :
BNA_M
ClientSampleId :
APCS-NORTH

Tgt Ion:264 Resp: 1132782

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	22.3	17.9	26.9

