

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039184.D
 Acq On : 28 Mar 2023 17:55
 Operator : CG/JU
 Sample : 02111-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 APCS-WEST

Quant Time: Mar 29 01:30:46 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)

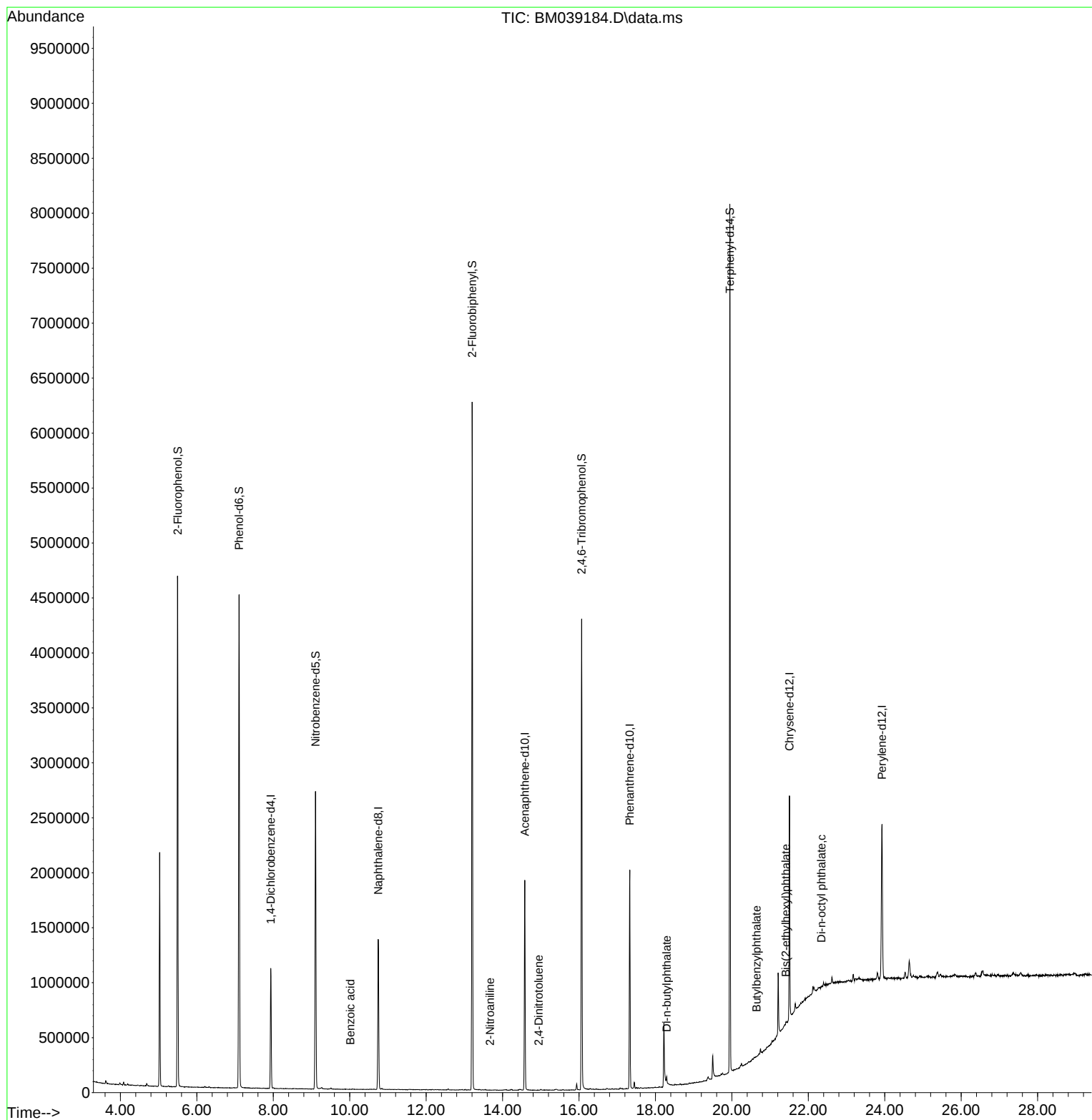
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	287914	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	1109195	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	609978	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1166247	20.000	ng	0.00
76) Chrysene-d12	21.503	240	935418	20.000	ng	0.00
86) Perylene-d12	23.927	264	1028412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2039166	107.605	ng	0.00
7) Phenol-d6	7.104	99	2583010	104.937	ng	0.00
23) Nitrobenzene-d5	9.104	82	1530548	67.781	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	741746	105.116	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	3075452	65.635	ng	0.00
79) Terphenyl-d14	19.945	244	3634794	71.044	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.016	122	60	5.737	ng	# 46
48) 2-Nitroaniline	13.675	65	60	2.220	ng	# 6
57) 2,4-Dinitrotoluene	14.945	165	70	2.076	ng	# 20
74) Di-n-butylphthalate	18.292	149	37120	2.269	ng	98
80) Butylbenzylphthalate	20.645	149	1143	3.352	ng	98
84) Bis(2-ethylhexyl)phtha...	21.415	149	9099	2.685	ng	# 93
85) Di-n-octyl phthalate	22.345	149	730	3.806	ng	# 64

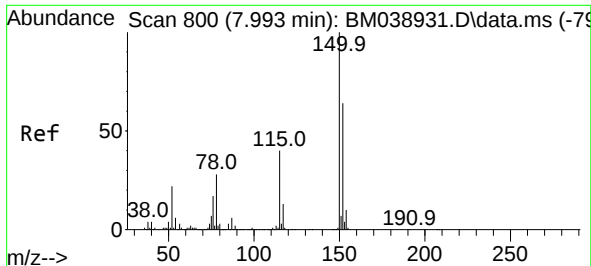
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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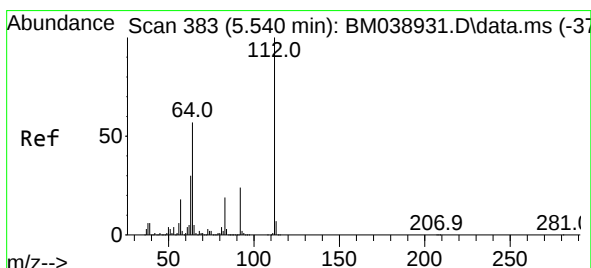
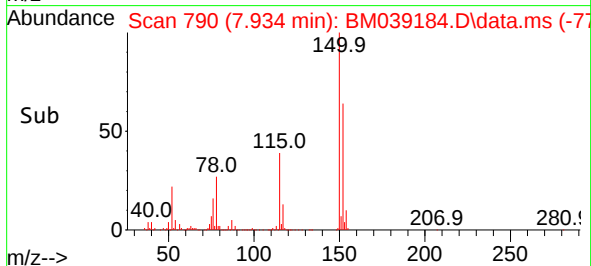
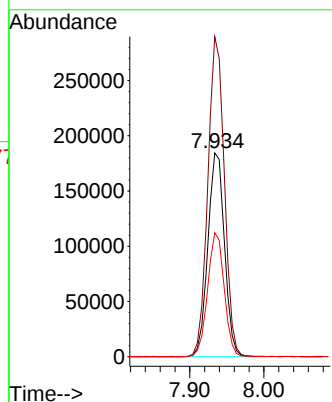
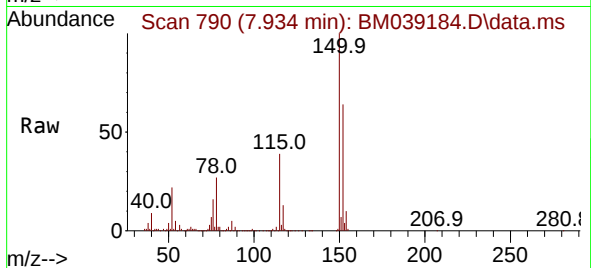




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM039184.D
Acq: 28 Mar 2023 17:55

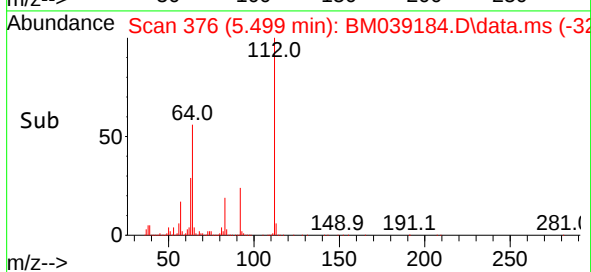
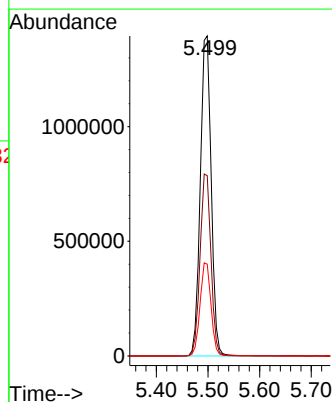
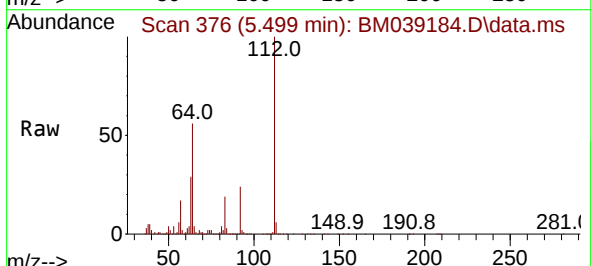
Instrument :
BNA_M
ClientSampleId :
APCS-WEST

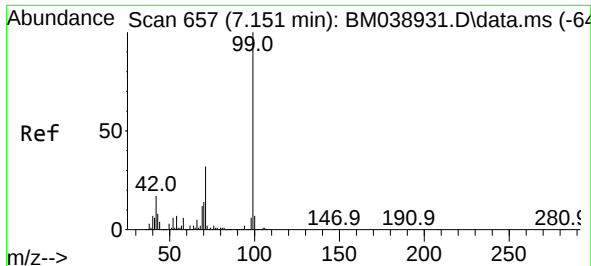
Tgt Ion:152 Resp: 287914
Ion Ratio Lower Upper
152 100
150 157.1 125.1 187.7
115 60.9 49.6 74.4



#5
2-Fluorophenol
Concen: 107.605 ng
RT: 5.499 min Scan# 376
Delta R.T. 0.000 min
Lab File: BM039184.D
Acq: 28 Mar 2023 17:55

Tgt Ion:112 Resp: 2039166
Ion Ratio Lower Upper
112 100
64 56.4 45.9 68.9
63 28.7 23.8 35.8

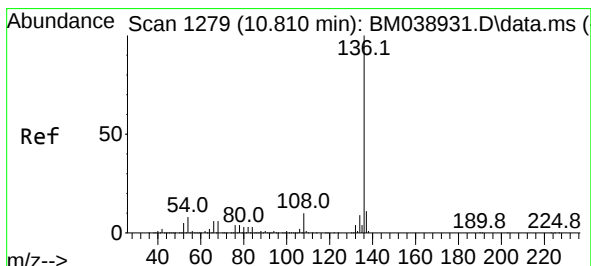
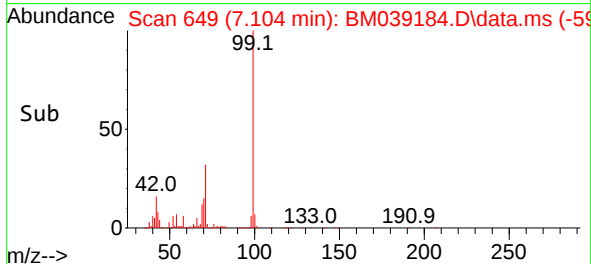
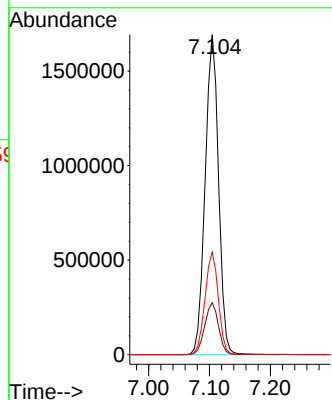
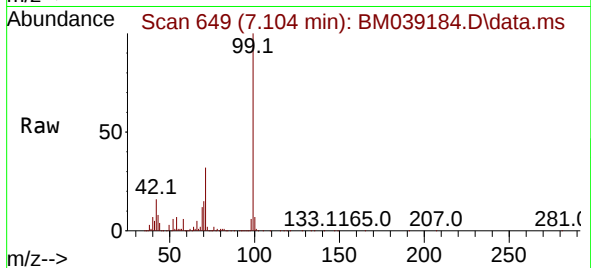




#7
Phenol-d6
Concen: 104.937 ng
RT: 7.104 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039184.D
Acq: 28 Mar 2023 17:55

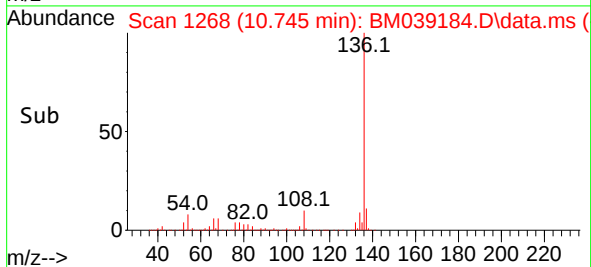
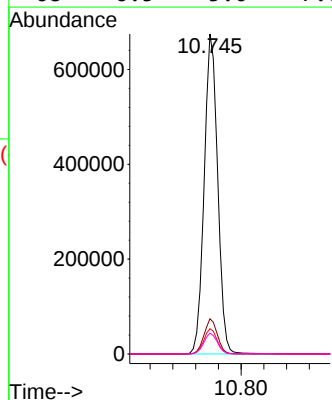
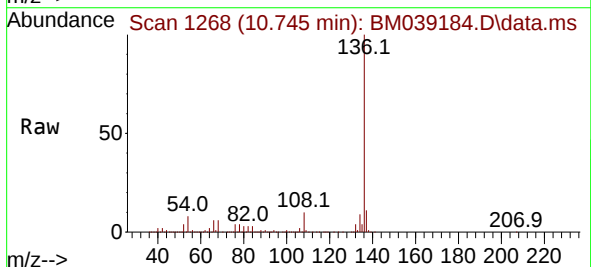
Instrument :
BNA_M
ClientSampleId :
APCS-WEST

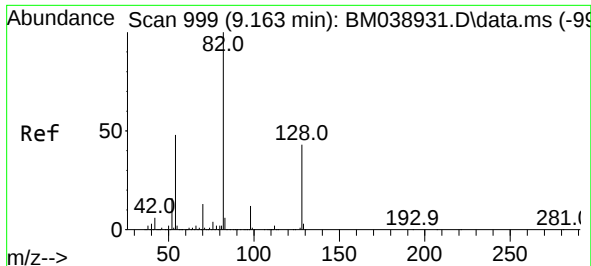
Tgt Ion: 99 Resp: 2583010
Ion Ratio Lower Upper
99 100
42 16.3 13.5 20.3
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BM039184.D
Acq: 28 Mar 2023 17:55

Tgt Ion: 136 Resp: 1109195
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.9 6.3 9.5
68 6.5 5.0 7.6

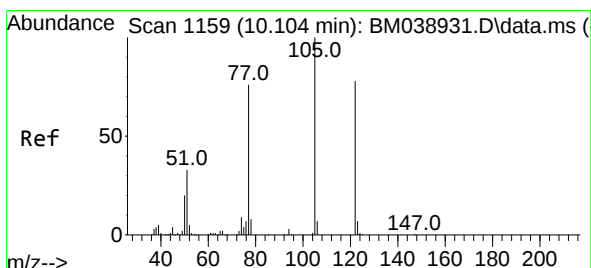
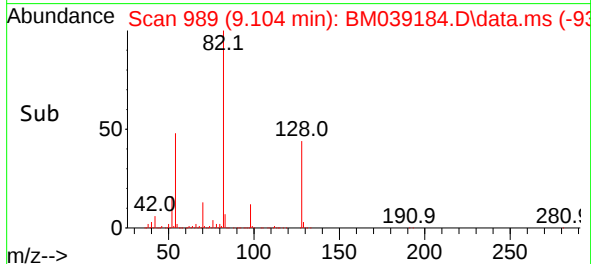
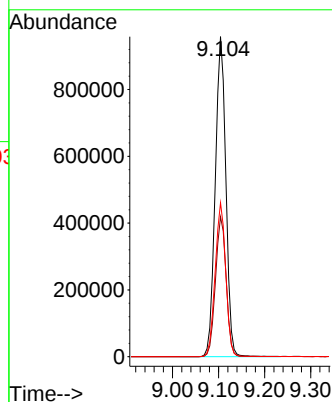
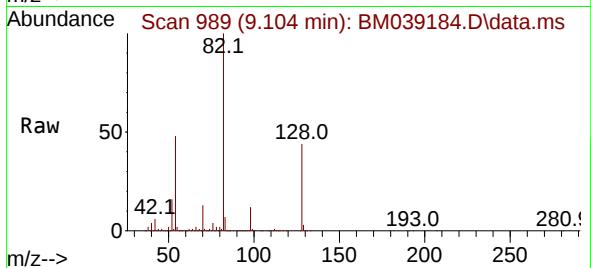




#23
Nitrobenzene-d5
Concen: 67.781 ng
RT: 9.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039184.D
Acq: 28 Mar 2023 17:55

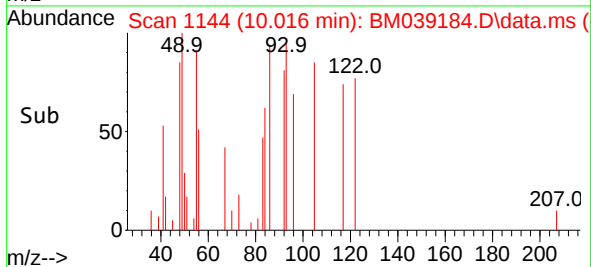
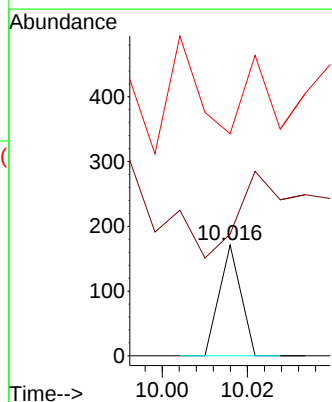
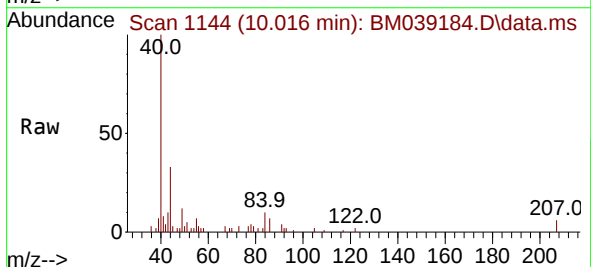
Instrument :
BNA_M
ClientSampleId :
APCS-WEST

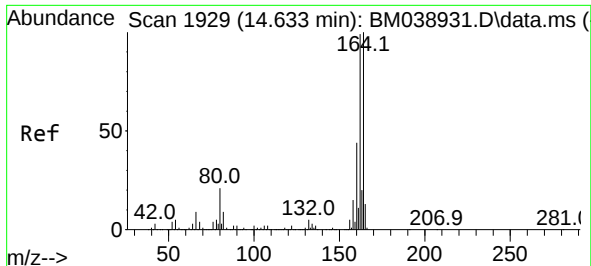
Tgt Ion: 82 Resp: 1530548
Ion Ratio Lower Upper
82 100
128 43.7 34.4 51.6
54 48.1 38.8 58.2



#32
Benzoic acid
Concen: 5.737 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.082 min
Lab File: BM039184.D
Acq: 28 Mar 2023 17:55

Tgt Ion: 122 Resp: 60
Ion Ratio Lower Upper
122 100
105 109.9 104.2 144.2
77 200.6 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BM039184.D

Acq: 28 Mar 2023 17:55

Instrument :

BNA_M

ClientSampleId :

APCS-WEST

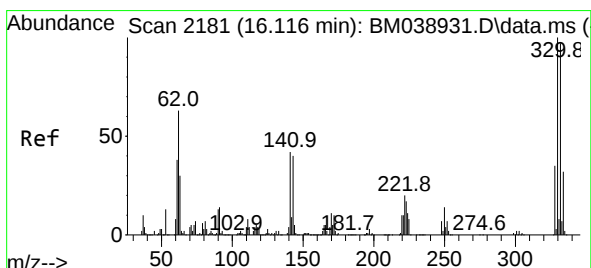
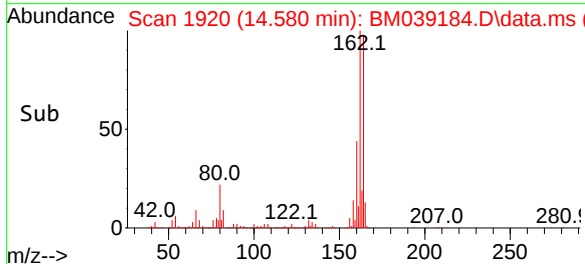
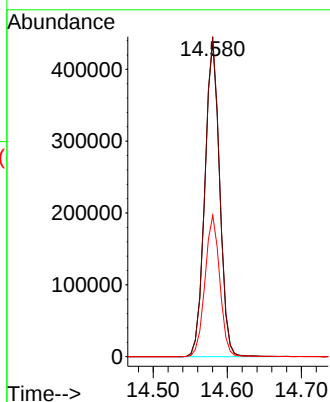
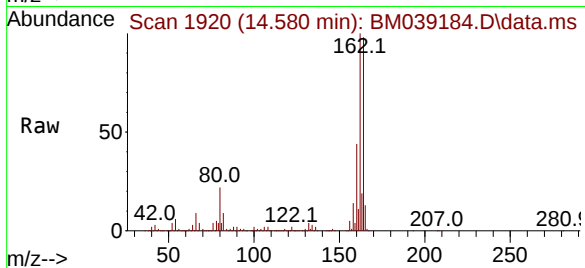
Tgt Ion:164 Resp: 609978

Ion Ratio Lower Upper

164 100

162 101.7 79.2 118.8

160 44.9 35.5 53.3



#42

2,4,6-Tribromophenol

Concen: 105.116 ng

RT: 16.068 min Scan# 2173

Delta R.T. -0.006 min

Lab File: BM039184.D

Acq: 28 Mar 2023 17:55

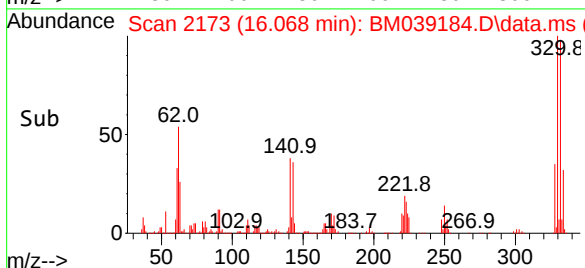
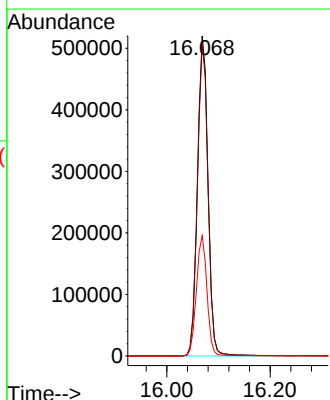
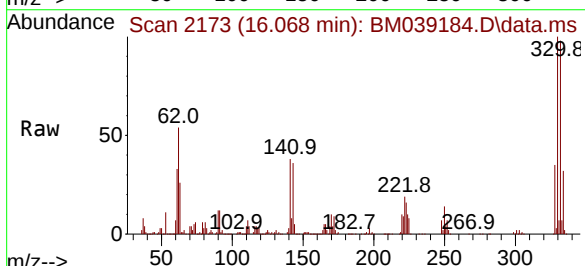
Tgt Ion:330 Resp: 741746

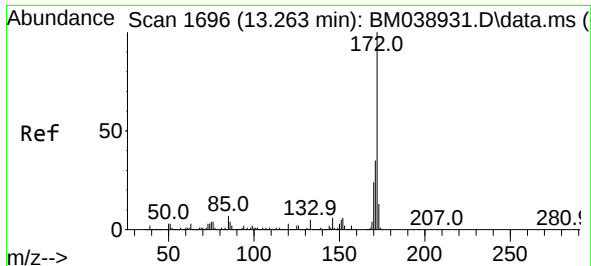
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 37.6 32.2 48.4

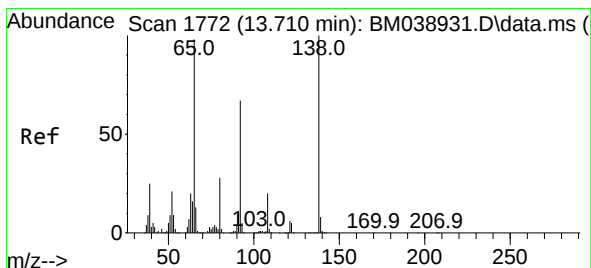
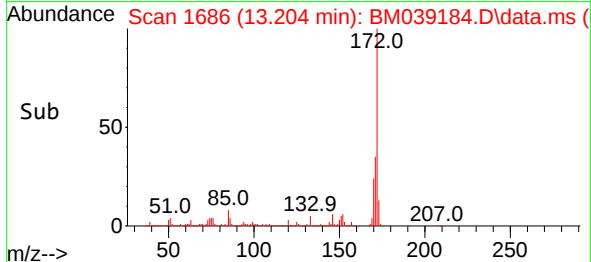
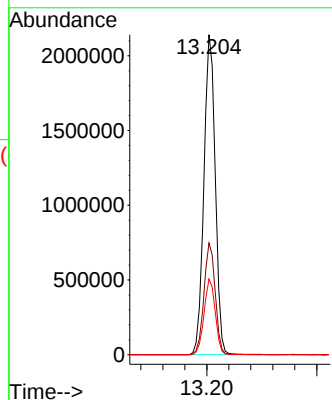
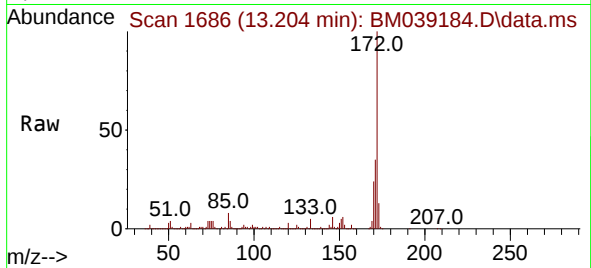




#45
2-Fluorobiphenyl
Concen: 65.635 ng
RT: 13.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039184.D
Acq: 28 Mar 2023 17:55

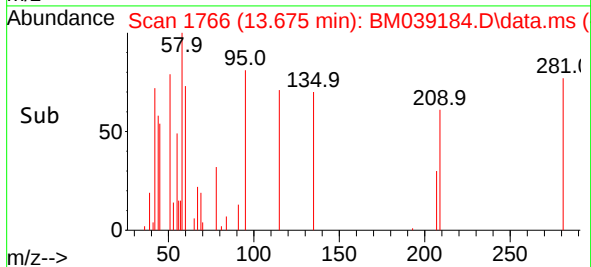
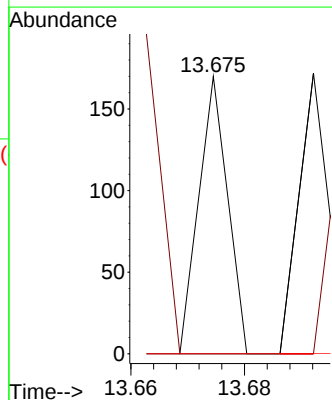
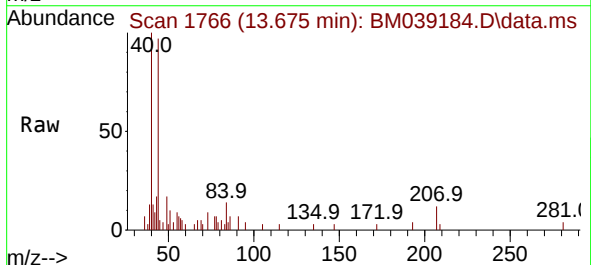
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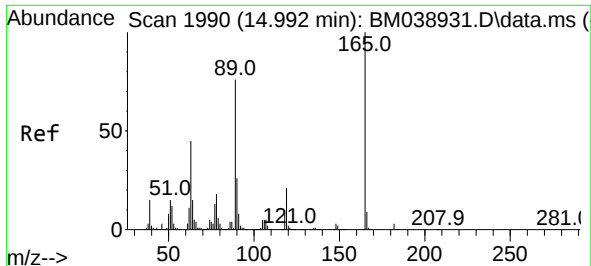
Tgt Ion:172 Resp: 3075452
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.6 19.1 28.7



#48
2-Nitroaniline
Concen: 2.220 ng
RT: 13.675 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BM039184.D
Acq: 28 Mar 2023 17:55

Tgt Ion: 65 Resp: 60
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#

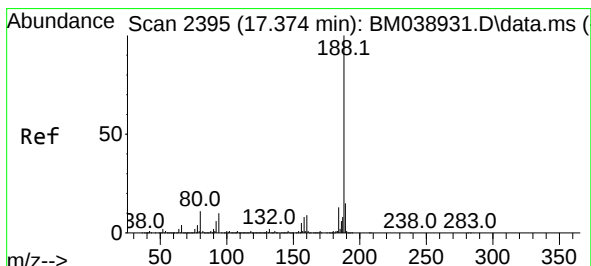
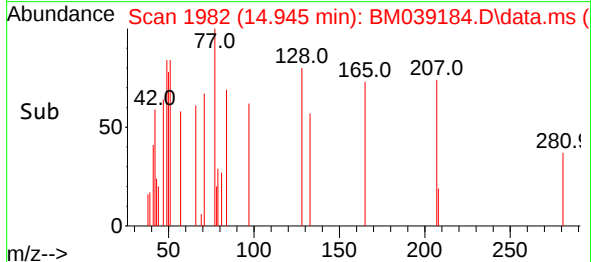
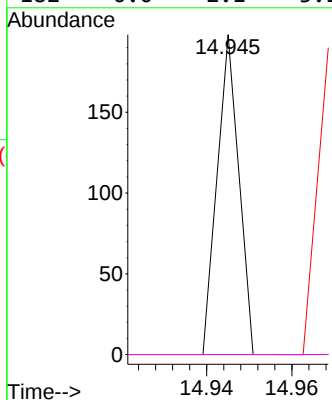
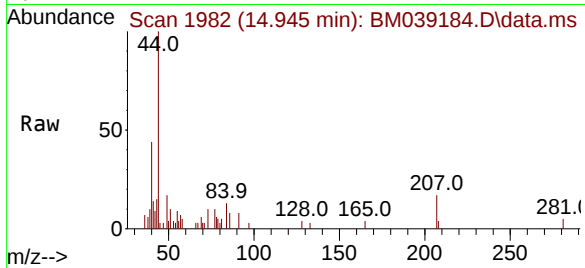




#57
2,4-Dinitrotoluene
Concen: 2.076 ng
RT: 14.945 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM039184.D
Acq: 28 Mar 2023 17:55

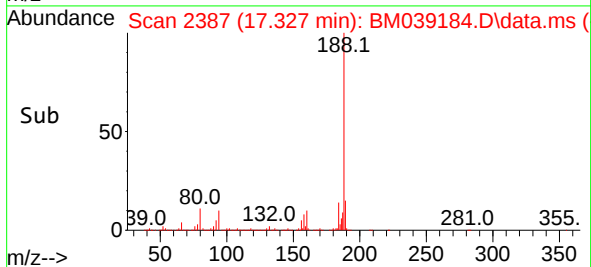
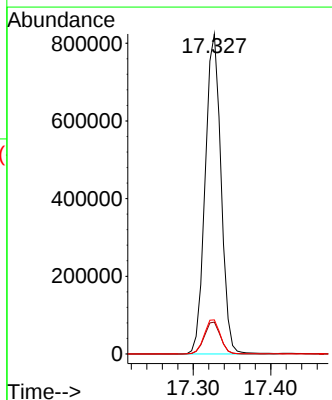
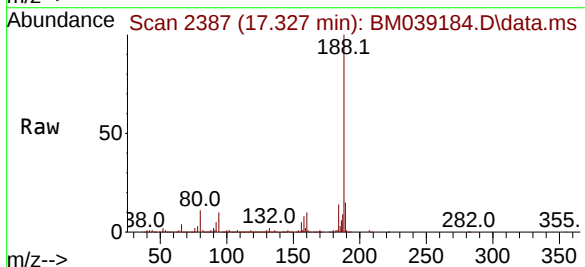
Instrument :
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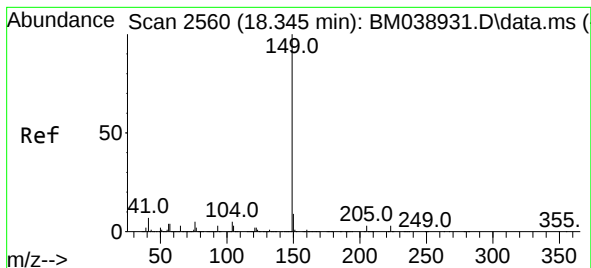
Tgt Ion:165 Resp: 70
Ion Ratio Lower Upper
165 100
63 0.0 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2387
Delta R.T. 0.000 min
Lab File: BM039184.D
Acq: 28 Mar 2023 17:55

Tgt Ion:188 Resp: 1166247
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.6 8.5 12.7





#74

Di-n-butylphthalate

Concen: 2.269 ng

RT: 18.292 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039184.D

Acq: 28 Mar 2023 17:55

Instrument :

BNA_M

ClientSampleId :

APCS-WEST

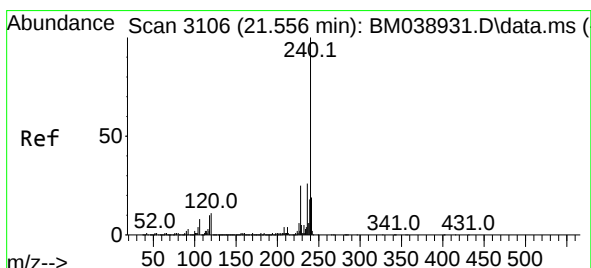
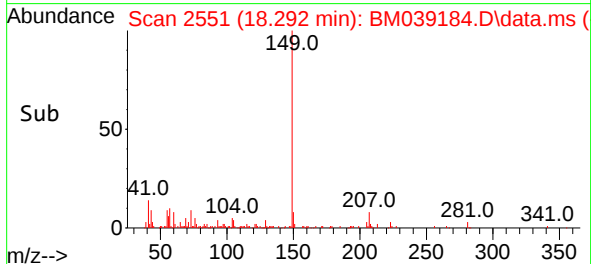
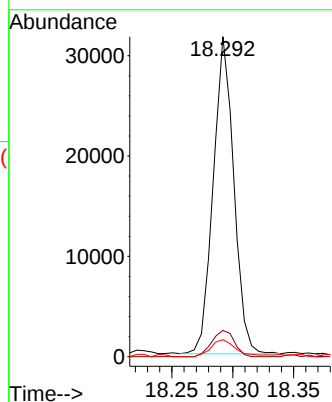
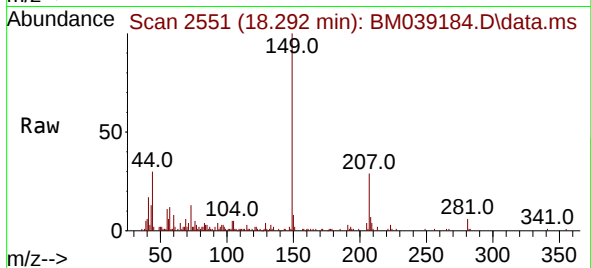
Tgt Ion:149 Resp: 37120

Ion Ratio Lower Upper

149 100

150 8.2 7.4 11.2

104 5.3 4.3 6.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM039184.D

Acq: 28 Mar 2023 17:55

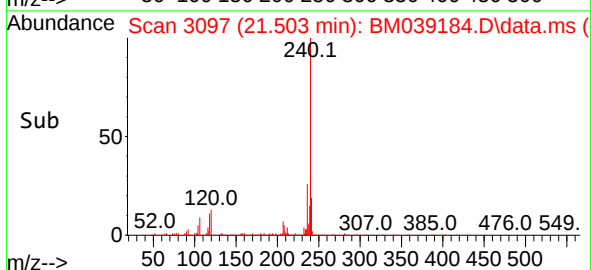
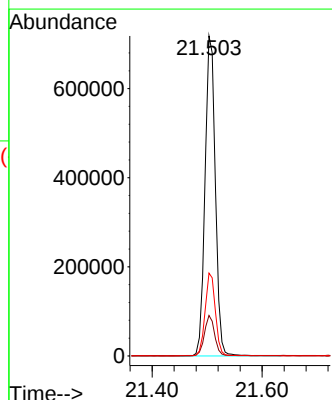
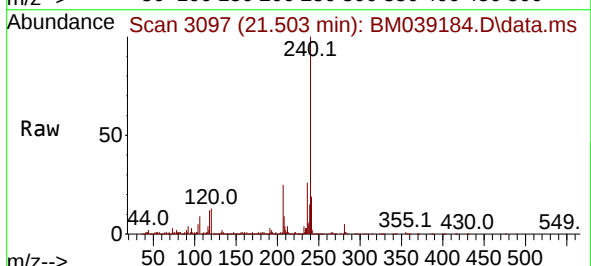
Tgt Ion:240 Resp: 935418

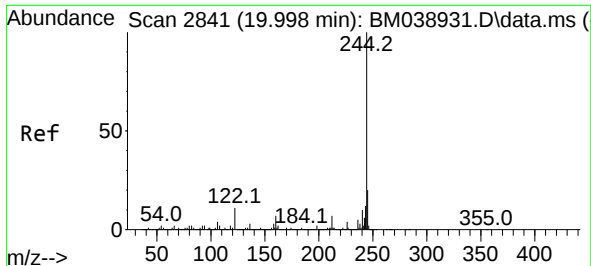
Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

236 25.9 20.8 31.2

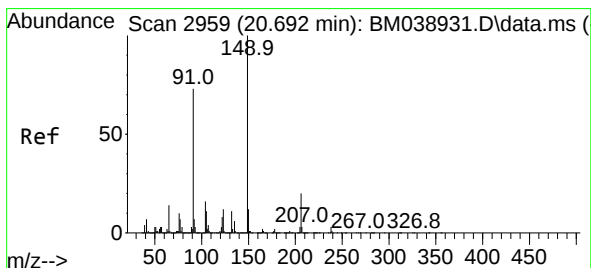
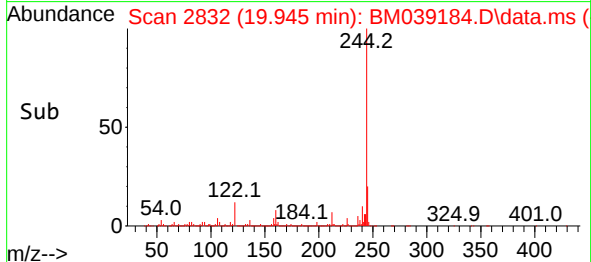
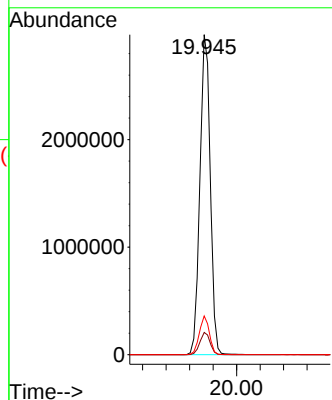
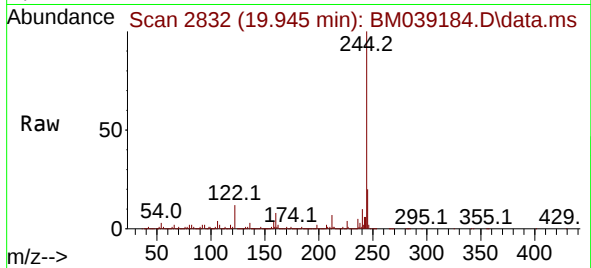




#79
 Terphenyl-d14
 Concen: 71.044 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039184.D
 Acq: 28 Mar 2023 17:55

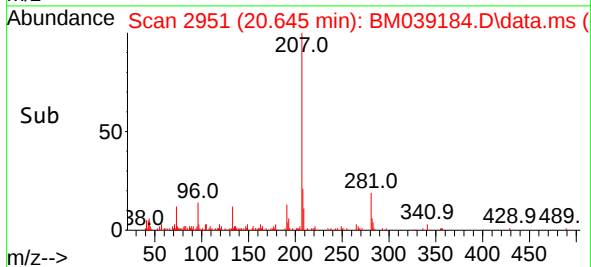
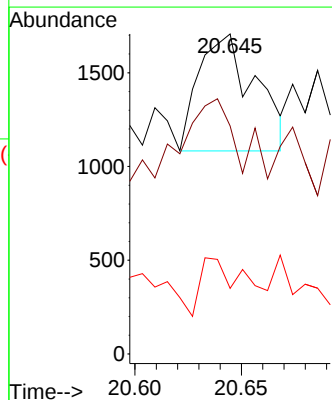
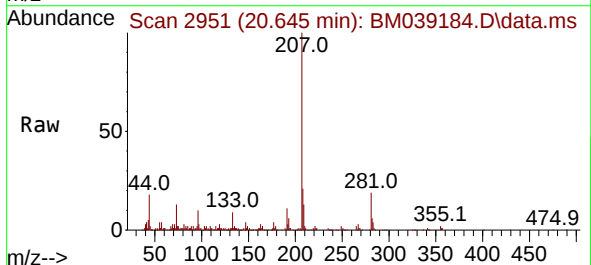
Instrument :
 BNA_M
 ClientSampleId :
 APCS-WEST

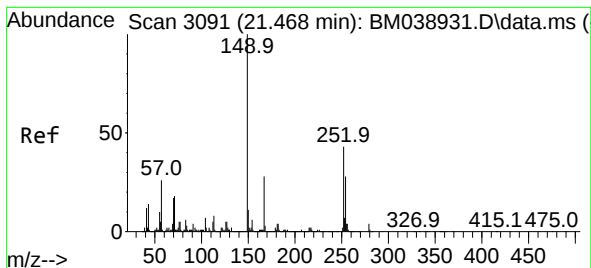
Tgt Ion:244 Resp: 3634794
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 12.1 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.352 ng
 RT: 20.645 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: BM039184.D
 Acq: 28 Mar 2023 17:55

Tgt Ion:149 Resp: 1143
 Ion Ratio Lower Upper
 149 100
 91 71.2 58.4 87.6
 206 20.5 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.685 ng

RT: 21.415 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM039184.D

Acq: 28 Mar 2023 17:55

Instrument :

BNA_M

ClientSampleId :

APCS-WEST

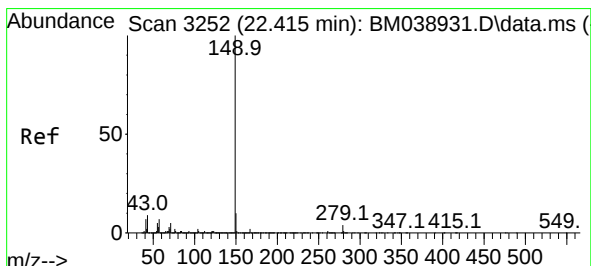
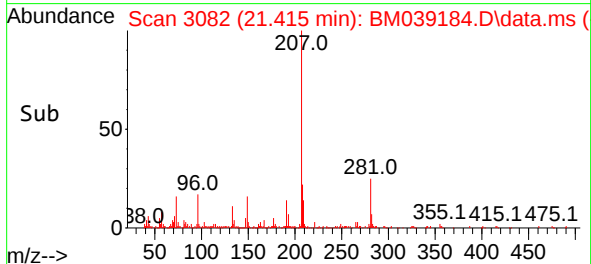
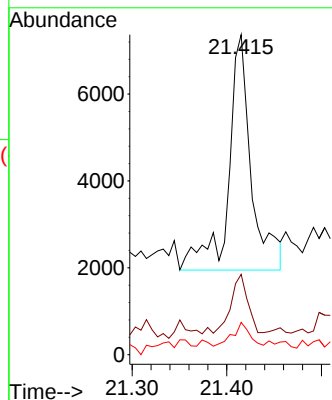
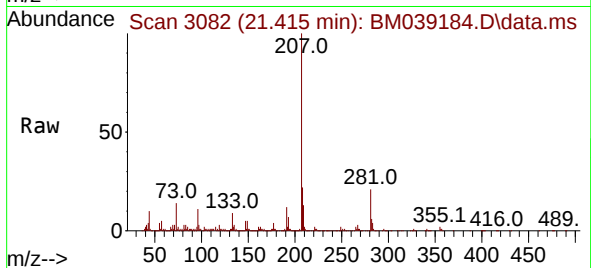
Tgt Ion:149 Resp: 9099

Ion Ratio Lower Upper

149 100

167 25.1 22.3 33.5

279 10.1 3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 3.806 ng

RT: 22.345 min Scan# 3240

Delta R.T. 0.000 min

Lab File: BM039184.D

Acq: 28 Mar 2023 17:55

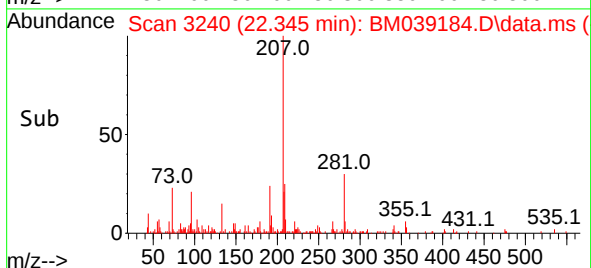
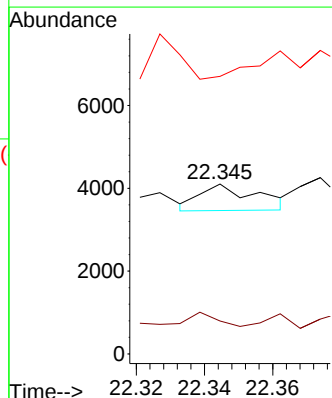
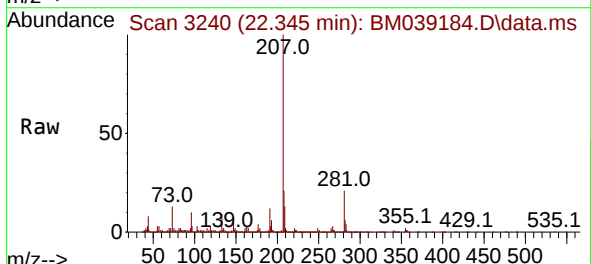
Tgt Ion:149 Resp: 730

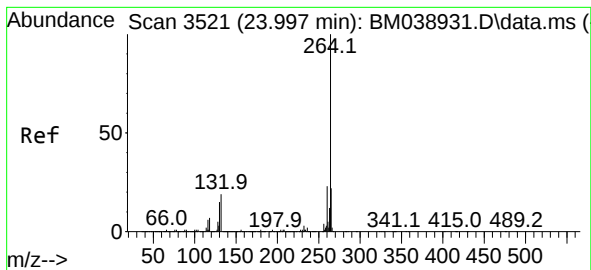
Ion Ratio Lower Upper

149 100

167 40.1 1.2 1.8#

43 0.0 7.4 11.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM039184.D

Acq: 28 Mar 2023 17:55

Instrument :

BNA_M

ClientSampleId :

APCS-WEST

Tgt Ion:264 Resp: 1028412

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.3 17.9 26.9

