

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039187.D
 Acq On : 28 Mar 2023 19:46
 Operator : CG/JU
 Sample : 02107-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC01

Quant Time: Mar 29 01:31:54 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)

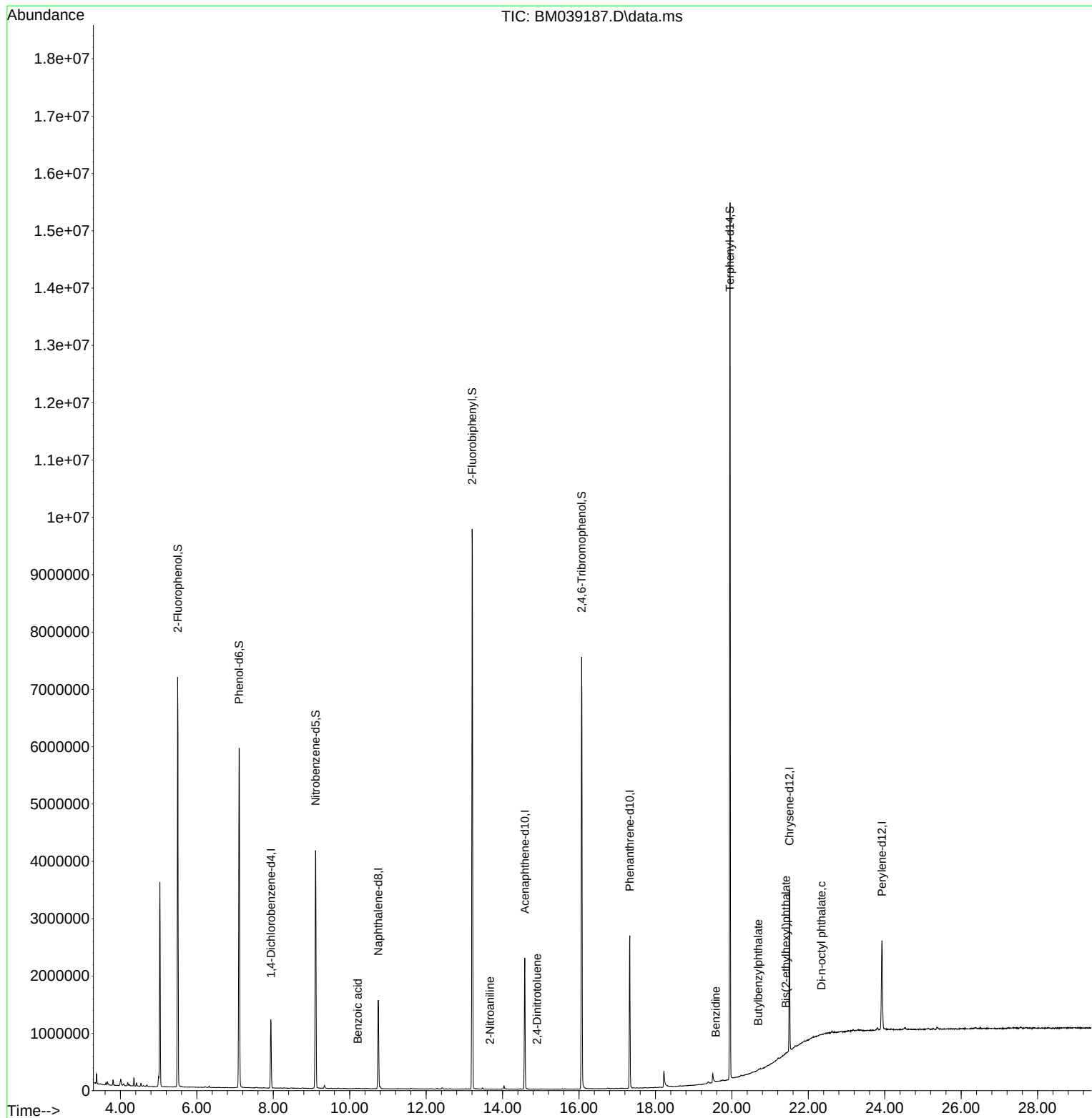
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	316024	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	1250065	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	732909	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1523436	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1267556	20.000	ng	0.00
86) Perylene-d12	23.927	264	1169835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2993119	143.895	ng	0.00
7) Phenol-d6	7.105	99	3536008	130.875	ng	0.00
23) Nitrobenzene-d5	9.104	82	2458058	96.589	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1389683	163.905	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	4980681	88.467	ng	0.00
79) Terphenyl-d14	19.951	244	7216210	104.087	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.210	122	1010	5.792	ng	# 57
48) 2-Nitroaniline	13.675	65	60	2.219	ng	# 6
57) 2,4-Dinitrotoluene	14.898	165	78	2.076	ng	# 20
77) Benzidine	19.580	184	1770	4.931	ng	# 16
80) Butylbenzylphthalate	20.686	149	547	3.328	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.415	149	4863	2.564	ng	# 91
85) Di-n-octyl phthalate	22.339	149	986	3.806	ng	# 1

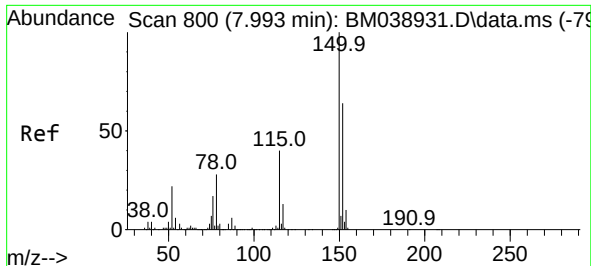
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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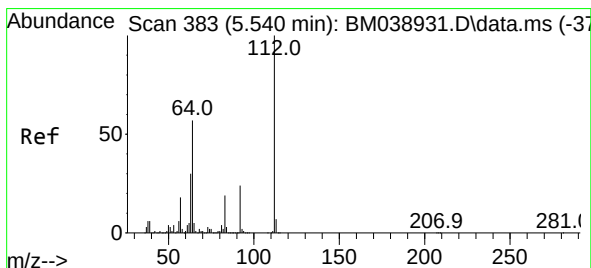
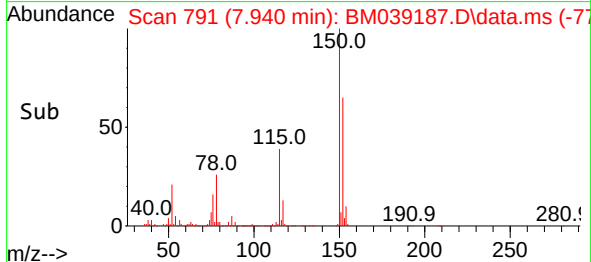
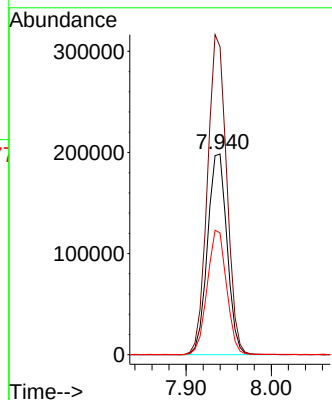
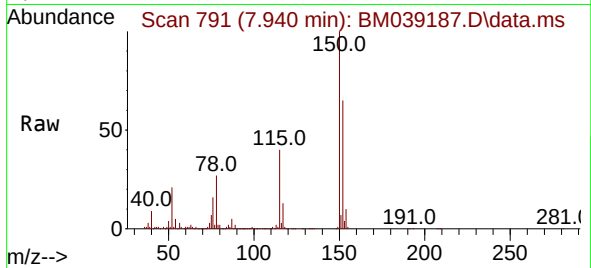




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 79
Delta R.T. 0.001 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

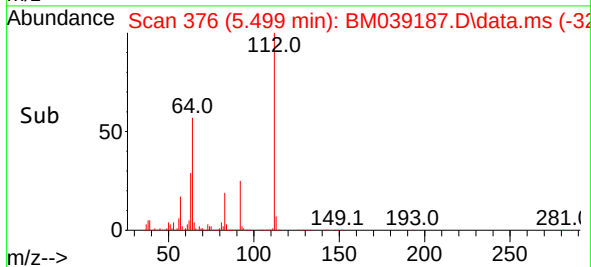
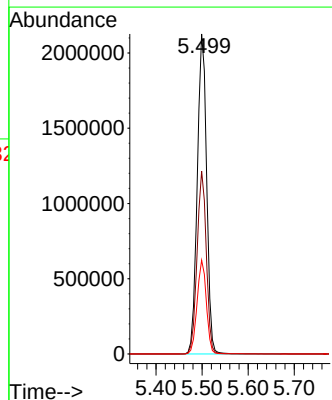
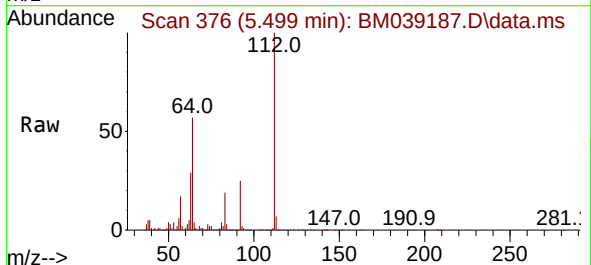
Instrument :
BNA_M
ClientSampleId :
WC01

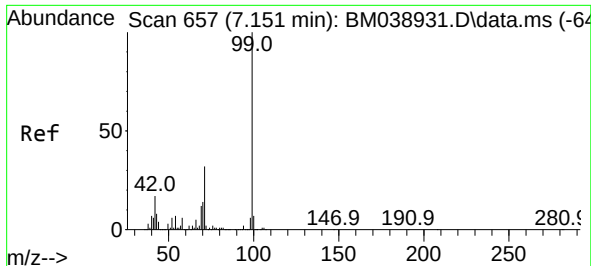
Tgt Ion:152 Resp: 316024
Ion Ratio Lower Upper
152 100
150 153.4 125.1 187.7
115 60.7 49.6 74.4



#5
2-Fluorophenol
Concen: 143.895 ng
RT: 5.499 min Scan# 376
Delta R.T. 0.000 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

Tgt Ion:112 Resp: 2993119
Ion Ratio Lower Upper
112 100
64 57.2 45.9 68.9
63 29.3 23.8 35.8



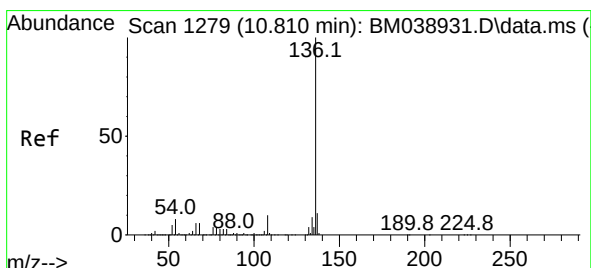
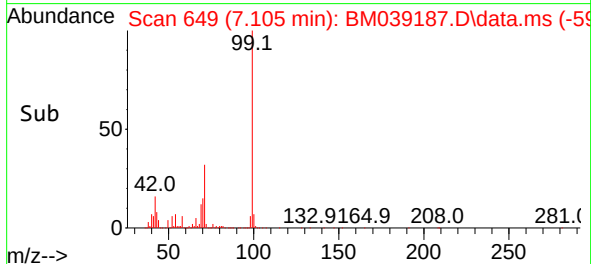
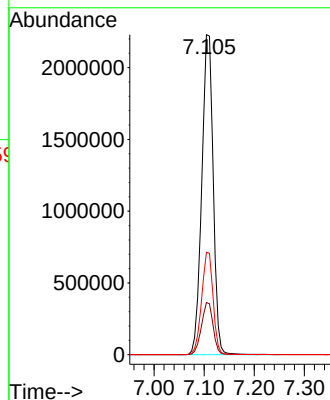
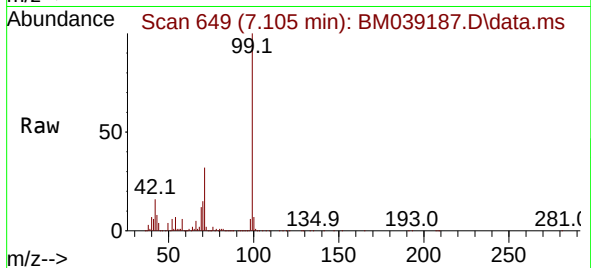


#7
Phenol-d6
Concen: 130.875 ng
RT: 7.105 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

Instrument :
BNA_M
ClientSampleId :
WC01

Tgt Ion: 99 Resp: 3536008

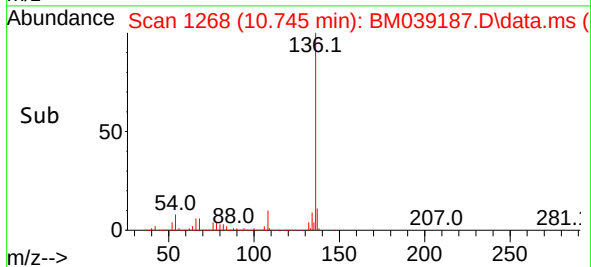
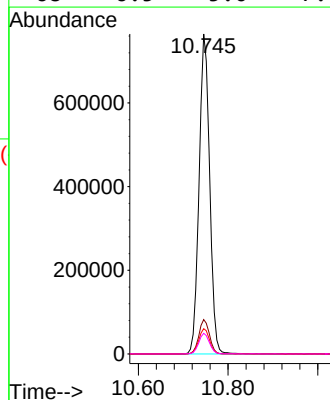
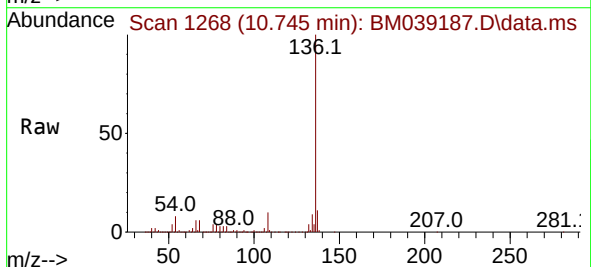
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	32.0	25.6	38.4

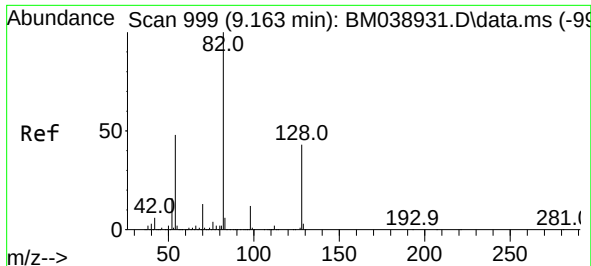


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

Tgt Ion: 136 Resp: 1250065

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.9	6.3	9.5
68	6.5	5.0	7.6

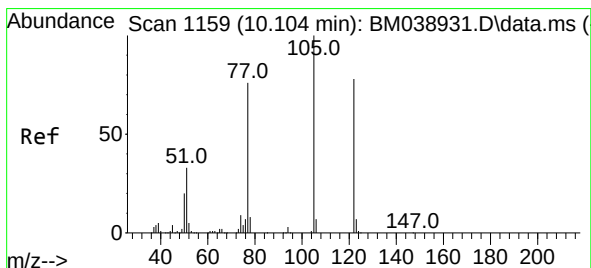
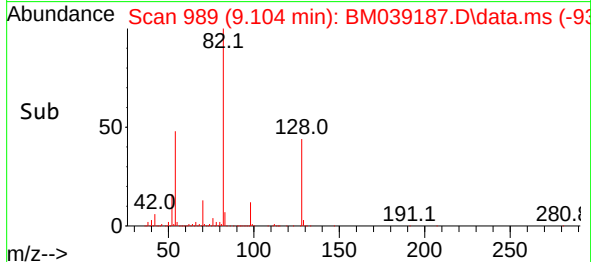
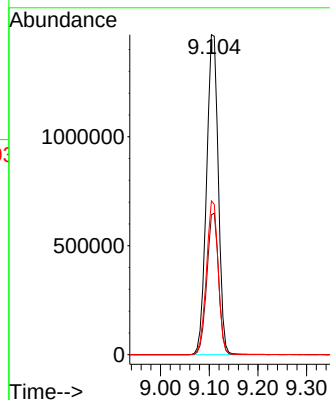
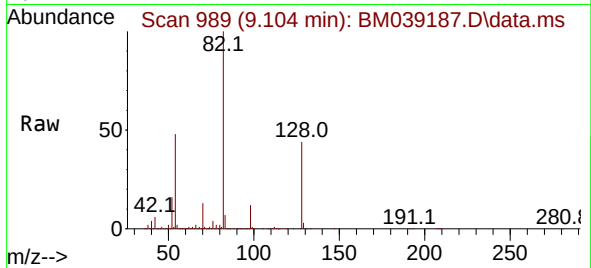




#23
Nitrobenzene-d5
Concen: 96.589 ng
RT: 9.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

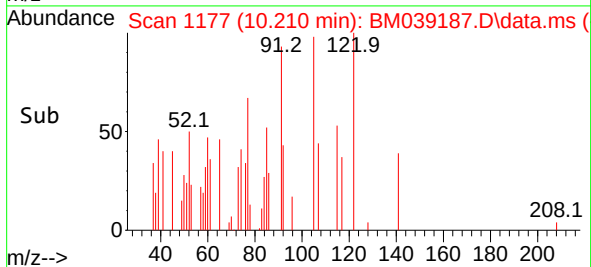
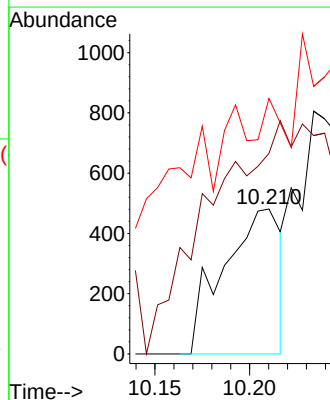
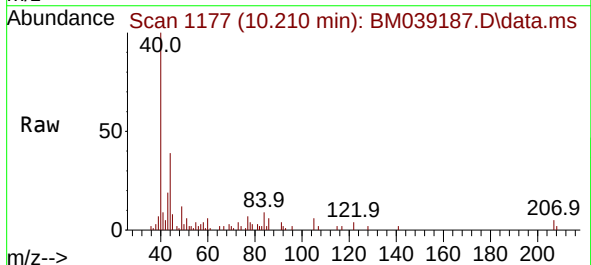
Instrument :
BNA_M
ClientSampleId :
WC01

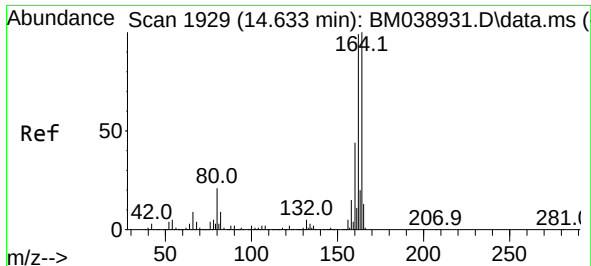
Tgt Ion: 82 Resp: 2458058
Ion Ratio Lower Upper
82 100
128 43.7 34.4 51.6
54 48.0 38.8 58.2



#32
Benzoic acid
Concen: 5.792 ng
RT: 10.210 min Scan# 1177
Delta R.T. 0.112 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

Tgt Ion:122 Resp: 1010
Ion Ratio Lower Upper
122 100
105 138.5 104.2 144.2
77 176.3 75.1 115.1#

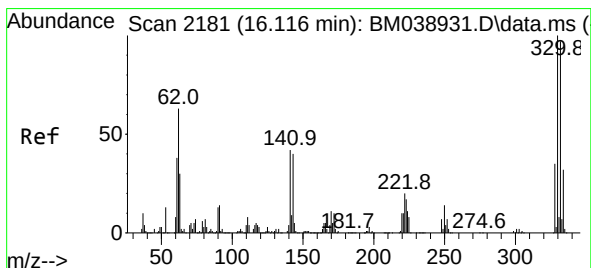
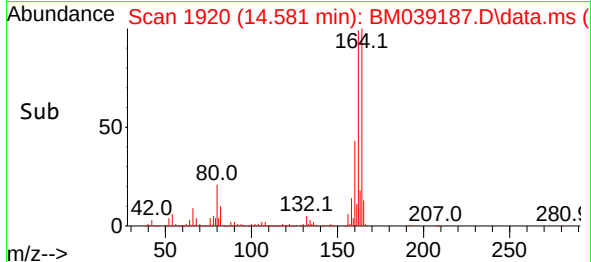
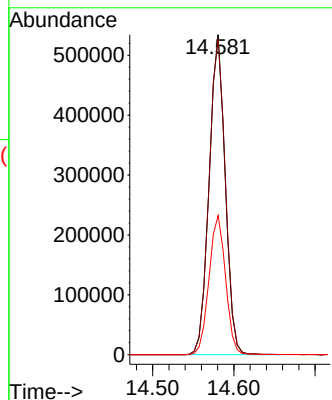
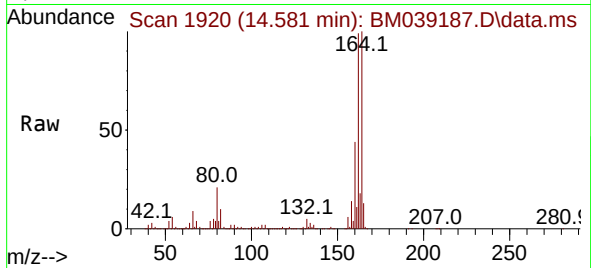




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

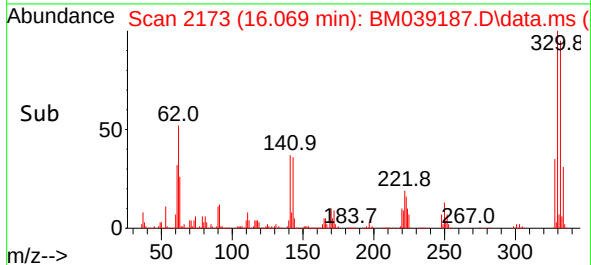
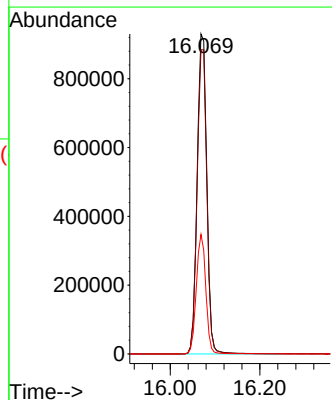
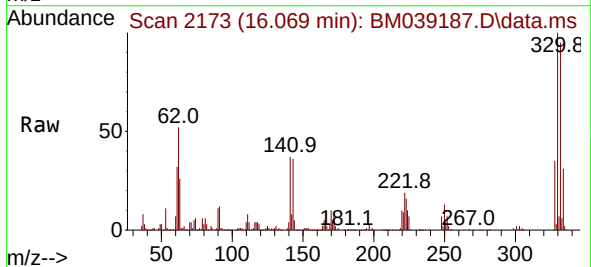
Instrument :
BNA_M
ClientSampleId :
WC01

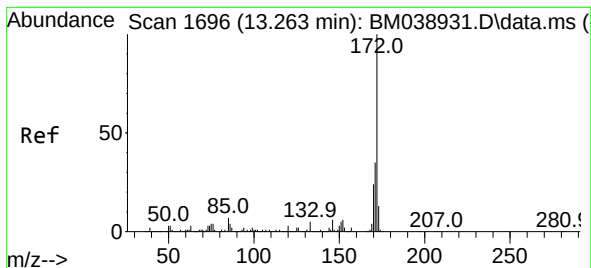
Tgt Ion:164 Resp: 732909
Ion Ratio Lower Upper
164 100
162 98.7 79.2 118.8
160 43.5 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 163.905 ng
RT: 16.069 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

Tgt Ion:330 Resp: 1389683
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 36.8 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 88.467 ng

RT: 13.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039187.D

Acq: 28 Mar 2023 19:46

Instrument :

BNA_M

ClientSampleId :

WC01

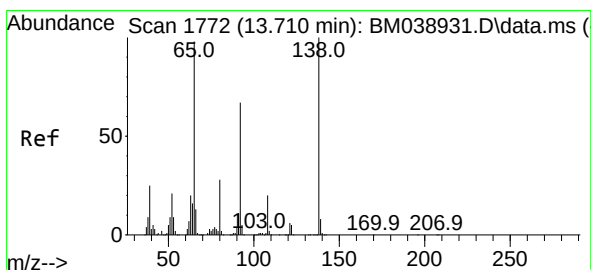
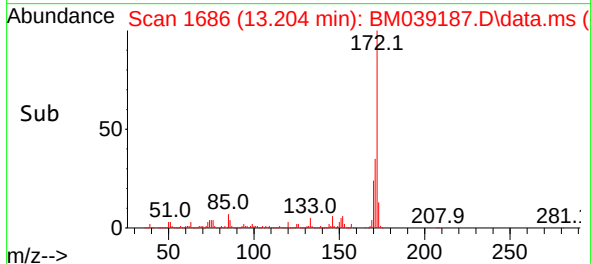
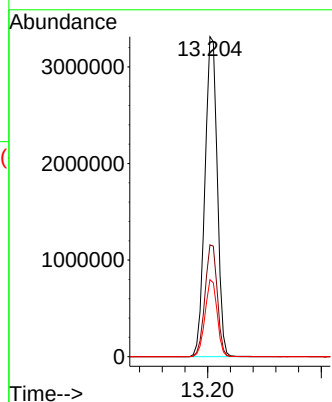
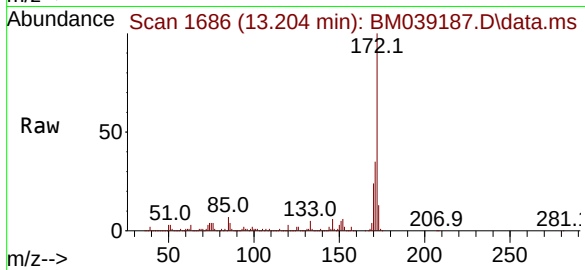
Tgt Ion:172 Resp: 4980681

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 24.1 19.1 28.7



#48

2-Nitroaniline

Concen: 2.219 ng

RT: 13.675 min Scan# 1766

Delta R.T. 0.006 min

Lab File: BM039187.D

Acq: 28 Mar 2023 19:46

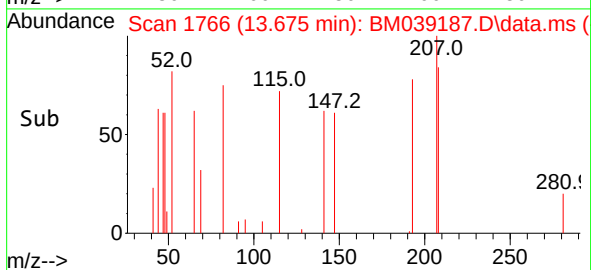
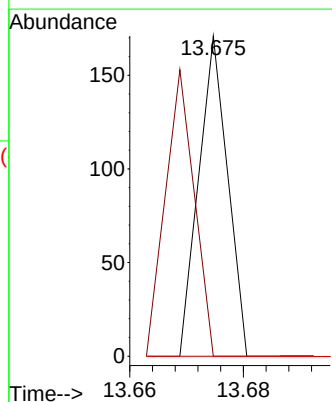
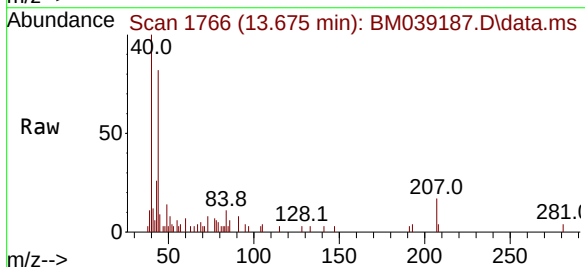
Tgt Ion: 65 Resp: 60

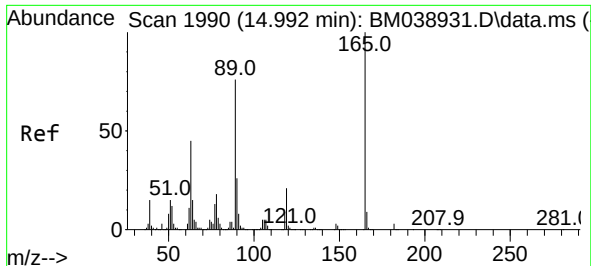
Ion Ratio Lower Upper

65 100

92 0.0 54.9 82.3#

138 0.0 81.6 122.4#

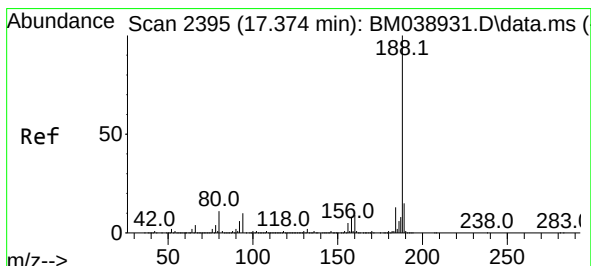
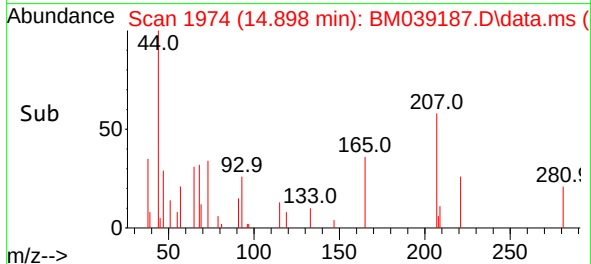
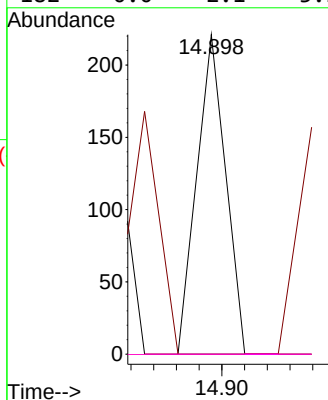
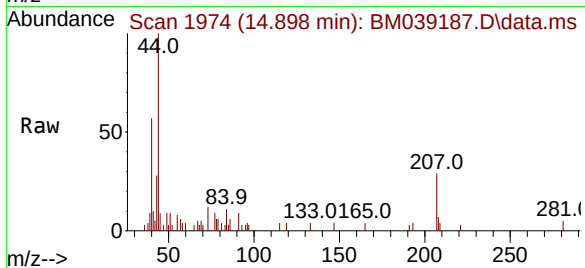




#57
2,4-Dinitrotoluene
Concen: 2.076 ng
RT: 14.898 min Scan# 1990
Delta R.T. -0.053 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

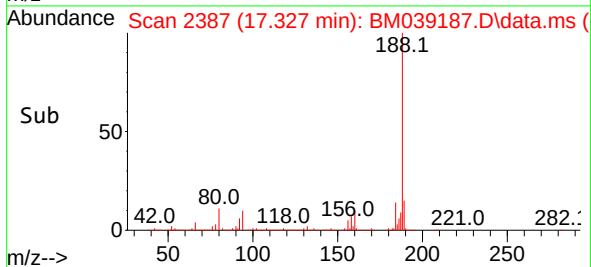
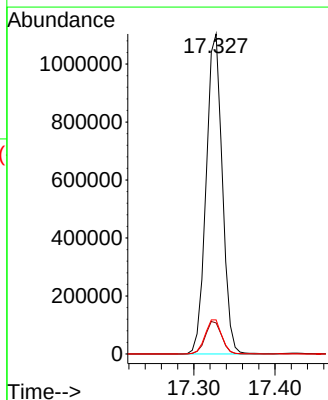
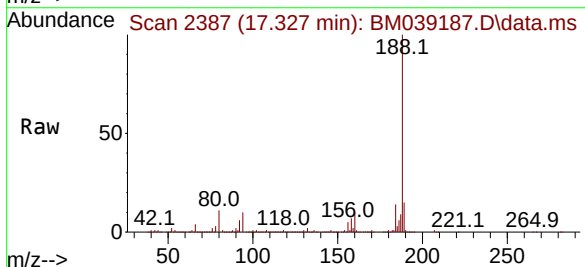
Instrument :
BNA_M
ClientSampleId :
WC01

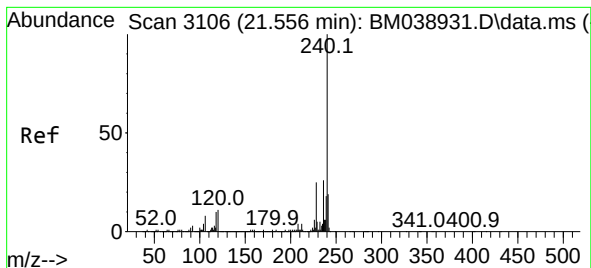
Tgt Ion:165	Resp:	78
Ion	Ratio	Lower Upper
165	100	
63	0.0	35.9 53.9#
89	0.0	61.0 91.6#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2387
Delta R.T. 0.000 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

Tgt Ion:188	Resp:	1523436
Ion	Ratio	Lower Upper
188	100	
94	9.7	7.9 11.9
80	10.7	8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM039187.D

Acq: 28 Mar 2023 19:46

Instrument :

BNA_M

ClientSampleId :

WC01

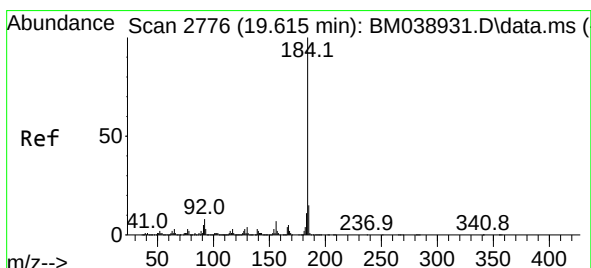
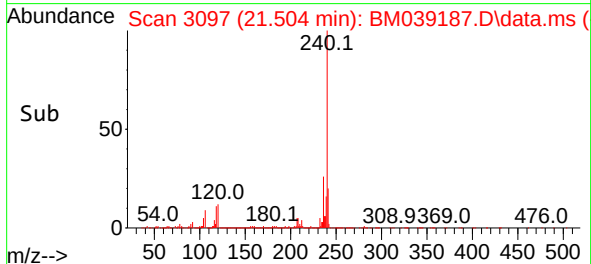
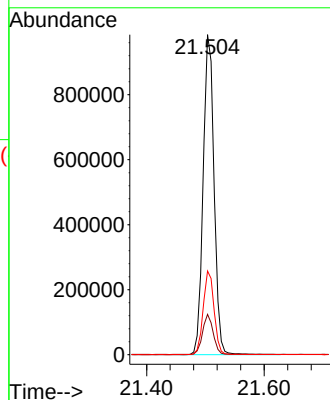
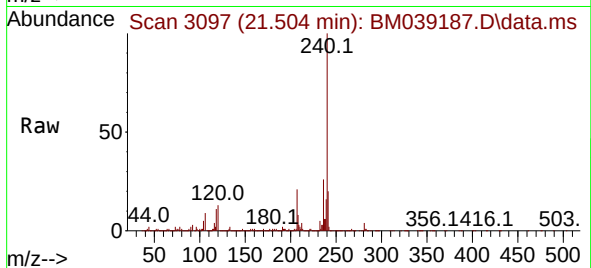
Tgt Ion:240 Resp: 1267556

Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 26.2 20.8 31.2



#77

Benzidine

Concen: 4.931 ng

RT: 19.580 min Scan# 2770

Delta R.T. 0.006 min

Lab File: BM039187.D

Acq: 28 Mar 2023 19:46

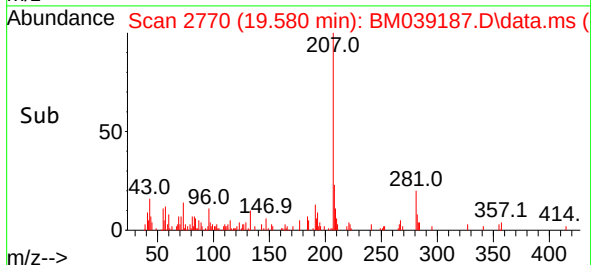
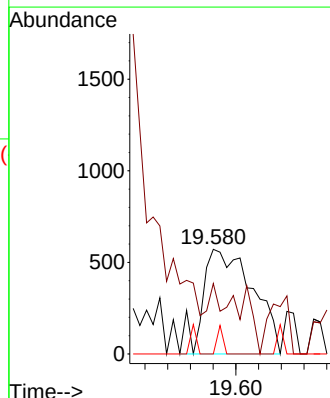
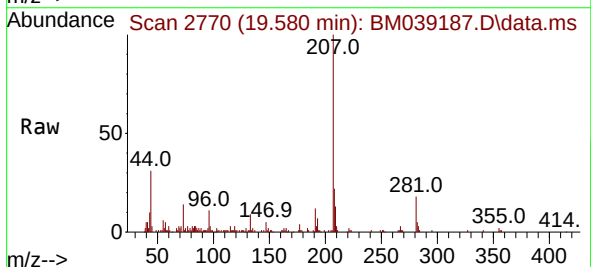
Tgt Ion:184 Resp: 1770

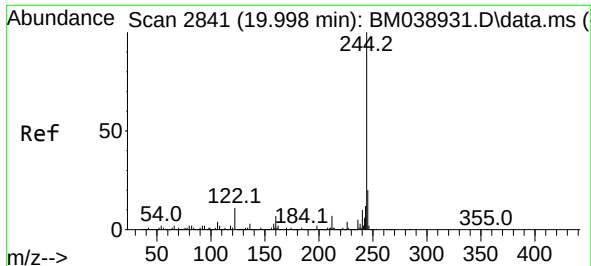
Ion Ratio Lower Upper

184 100

185 67.3 12.2 18.4#

183 0.0 8.8 13.2#

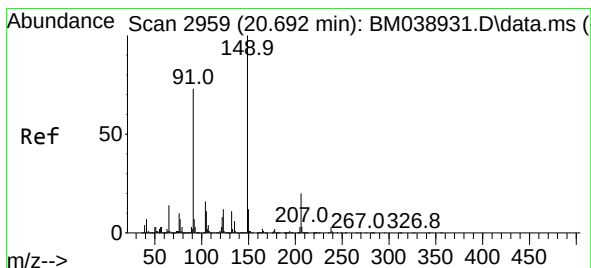
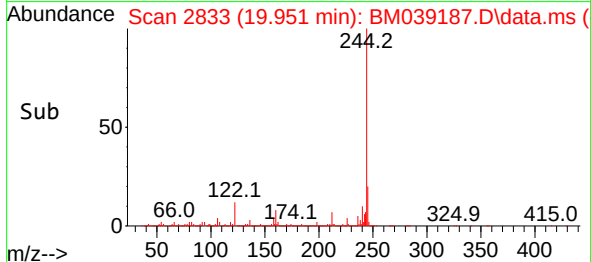
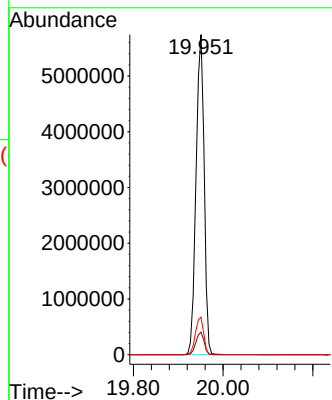
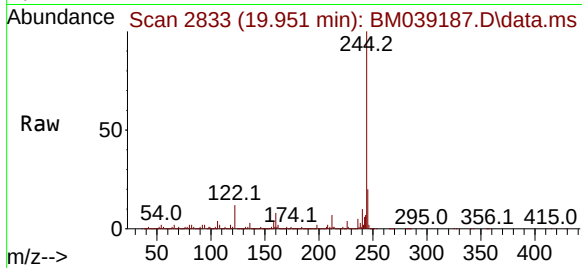




#79
 Terphenyl-d14
 Concen: 104.087 ng
 RT: 19.951 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039187.D
 Acq: 28 Mar 2023 19:46

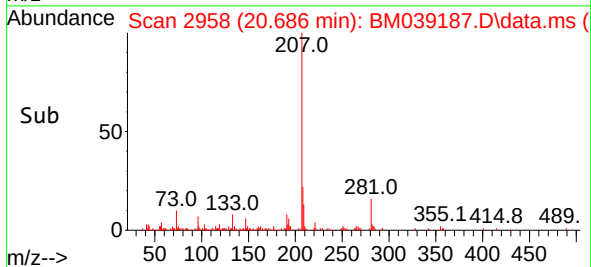
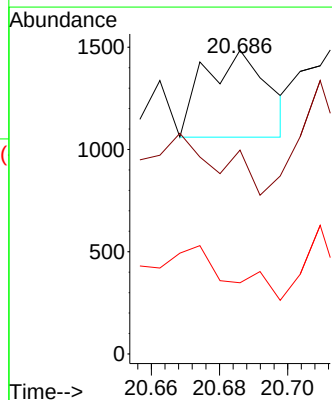
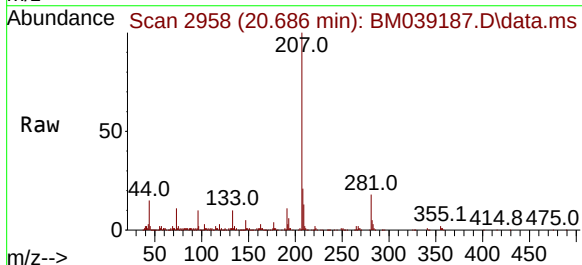
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 ClientSampleId :
 WC01

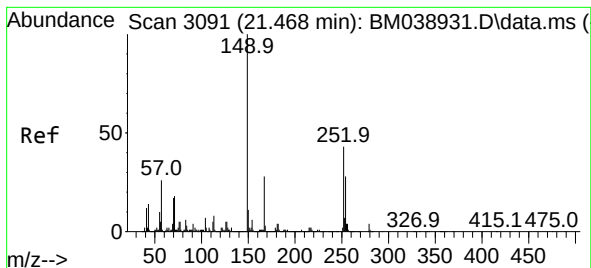
Tgt Ion:244 Resp: 7216210
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.7 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.328 ng
 RT: 20.686 min Scan# 2958
 Delta R.T. 0.041 min
 Lab File: BM039187.D
 Acq: 28 Mar 2023 19:46

Tgt Ion:149 Resp: 547
 Ion Ratio Lower Upper
 149 100
 91 67.1 58.4 87.6
 206 23.4 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.564 ng

RT: 21.415 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM039187.D

Acq: 28 Mar 2023 19:46

Instrument :

BNA_M

ClientSampleId :

WC01

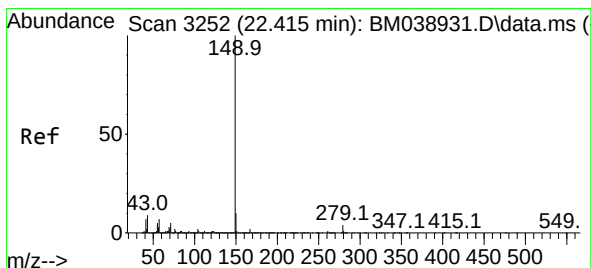
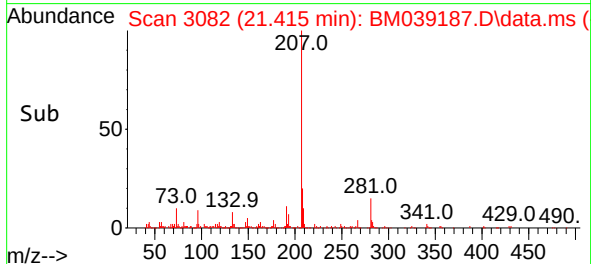
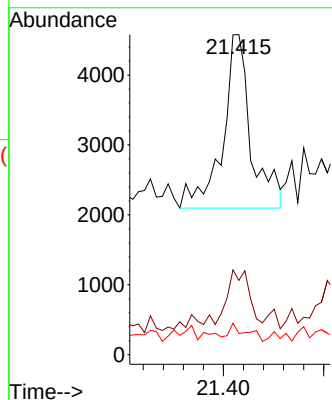
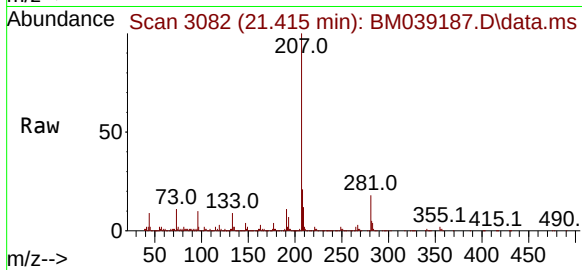
Tgt Ion:149 Resp: 4863

Ion Ratio Lower Upper

149 100

167 23.2 22.3 33.5

279 6.6 3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 3.806 ng

RT: 22.339 min Scan# 3239

Delta R.T. -0.006 min

Lab File: BM039187.D

Acq: 28 Mar 2023 19:46

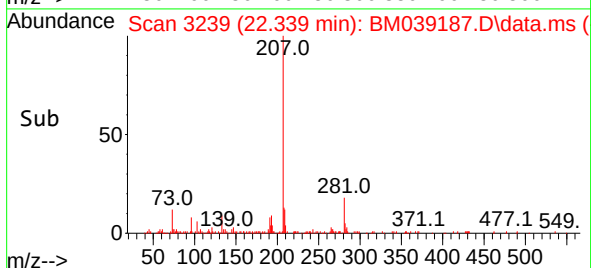
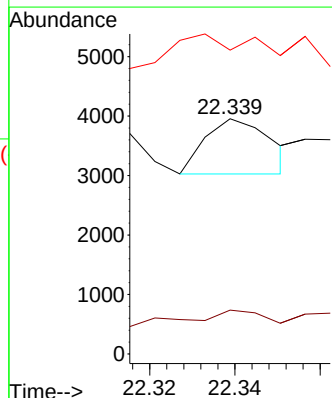
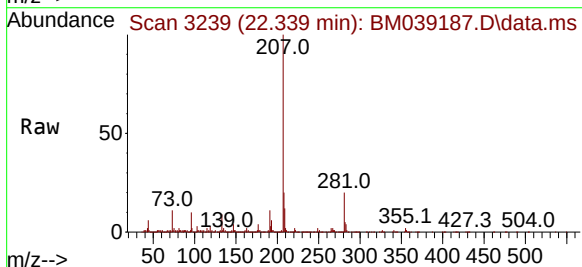
Tgt Ion:149 Resp: 986

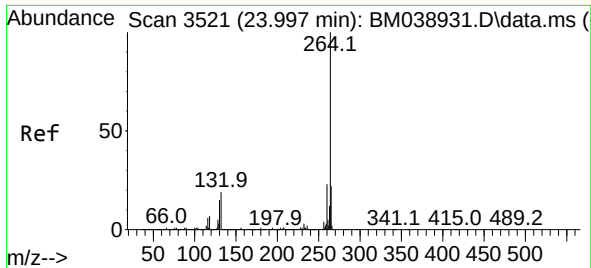
Ion Ratio Lower Upper

149 100

167 33.2 1.2 1.8#

43 88.1 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: BM039187.D
 Acq: 28 Mar 2023 19:46

Instrument :
 BNA_M
 ClientSampleId :
 WC01

Tgt Ion:264 Resp: 1169835
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 22.1 17.9 26.9

