

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039181.D
 Acq On : 28 Mar 2023 16:02
 Operator : CG/JU
 Sample : PB151601BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151601BL

Quant Time: Mar 29 01:29:49 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)

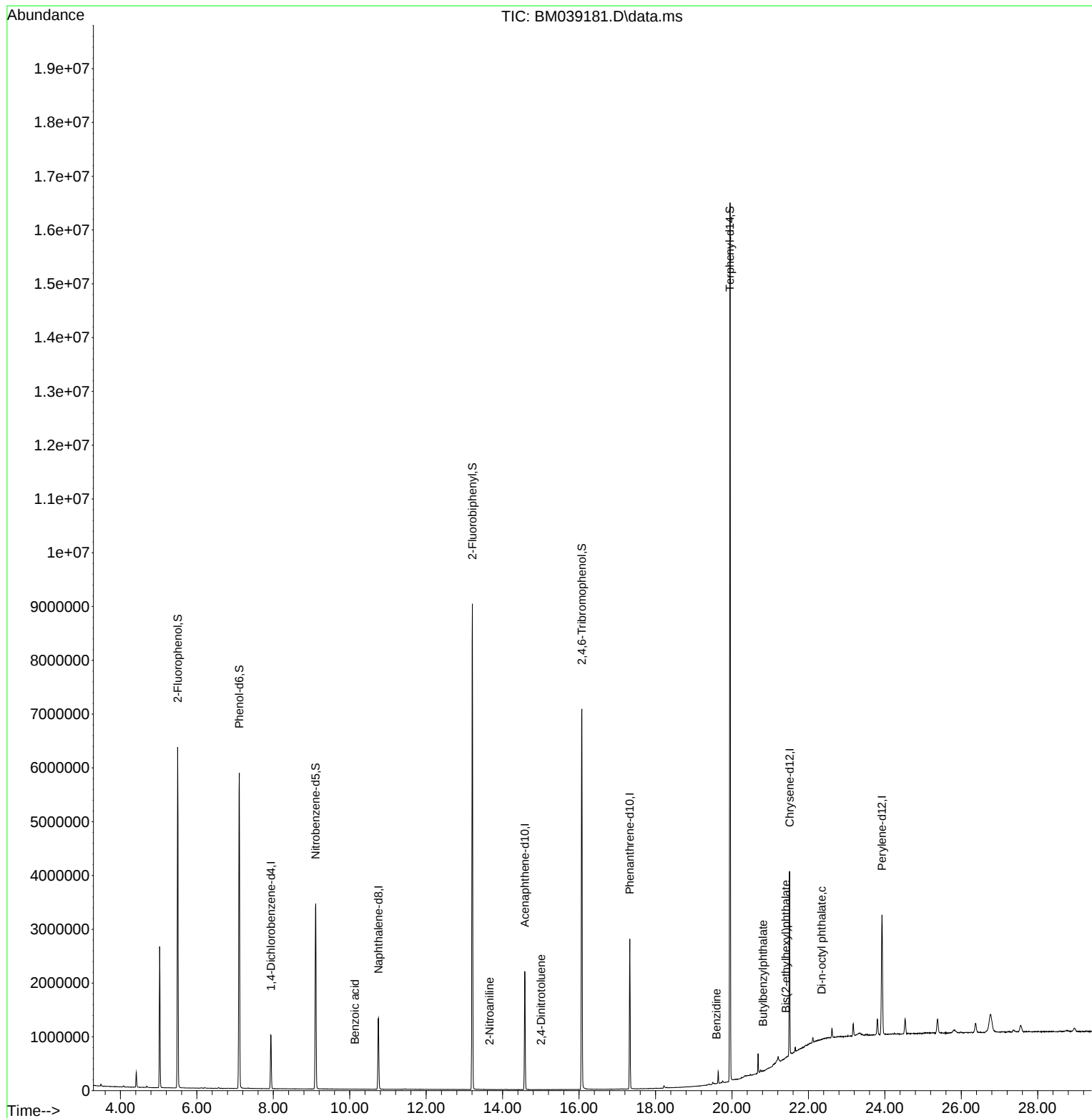
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	271524	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1126107	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	720296	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1600485	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1588631	20.000	ng	0.00
86) Perylene-d12	23.927	264	1640442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	2696950	150.906	ng	0.00
7) Phenol-d6	7.110	99	3461674	149.122	ng	0.00
23) Nitrobenzene-d5	9.110	82	2030775	88.583	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	1315878	157.918	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	4506490	81.446	ng	0.00
79) Terphenyl-d14	19.950	244	7674469	88.324	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.133	122	56	5.736	ng	# 1
48) 2-Nitroaniline	13.663	65	65	2.220	ng	# 6
57) 2,4-Dinitrotoluene	15.004	165	68	2.075	ng	# 11
77) Benzidine	19.598	184	2014	4.926	ng	# 66
80) Butylbenzylphthalate	20.815	149	377	3.323	ng	# 98
84) Bis(2-ethylhexyl)phtha...	21.415	149	4226	2.540	ng	# 83
85) Di-n-octyl phthalate	22.350	149	2015	3.812	ng	# 22

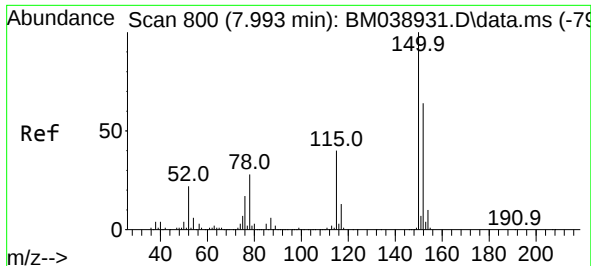
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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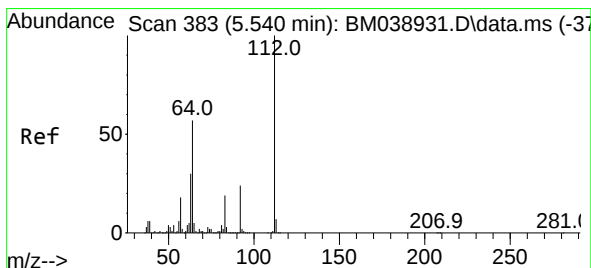
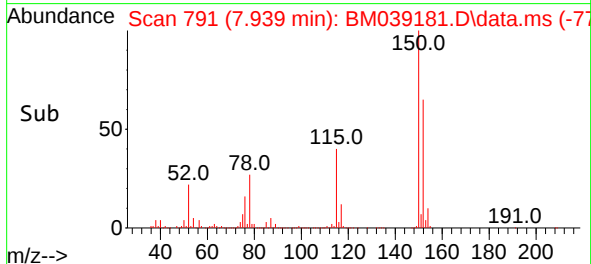
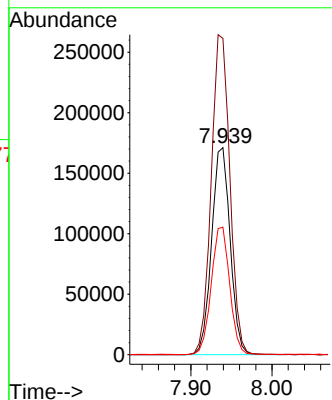
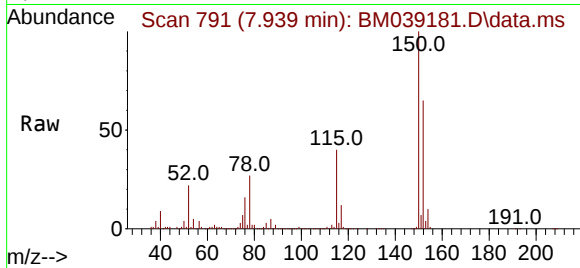




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.939 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM039181.D
Acq: 28 Mar 2023 16:02

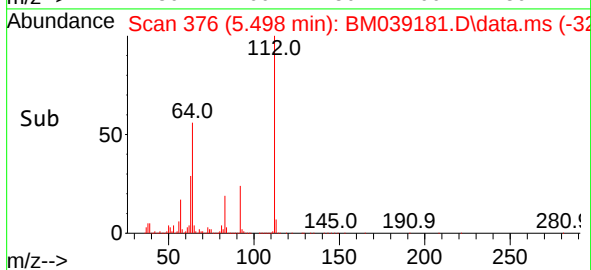
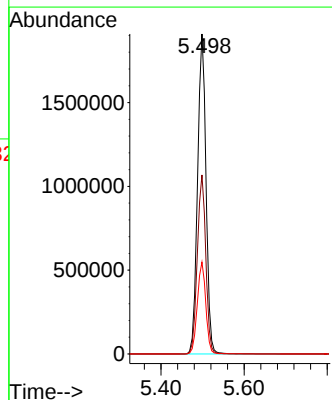
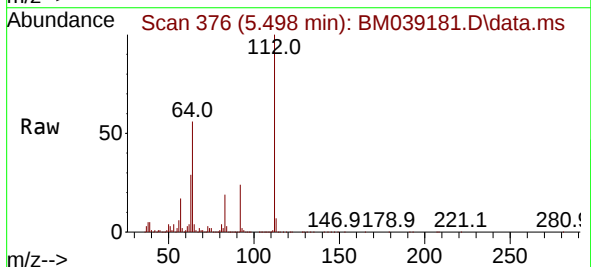
Instrument :
BNA_M
ClientSampleId :
PB151601BL

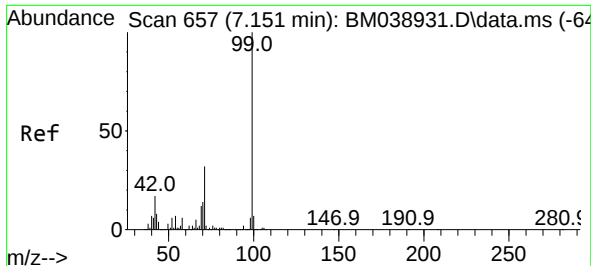
Tgt Ion:152 Resp: 271524
Ion Ratio Lower Upper
152 100
150 152.8 125.1 187.7
115 61.6 49.6 74.4



#5
2-Fluorophenol
Concen: 150.906 ng
RT: 5.498 min Scan# 376
Delta R.T. -0.000 min
Lab File: BM039181.D
Acq: 28 Mar 2023 16:02

Tgt Ion:112 Resp: 2696950
Ion Ratio Lower Upper
112 100
64 56.0 45.9 68.9
63 28.7 23.8 35.8



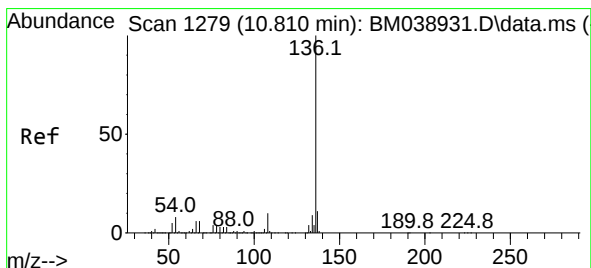
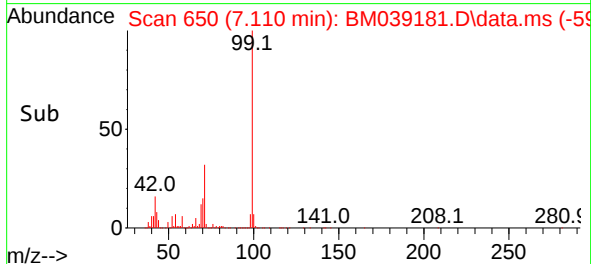
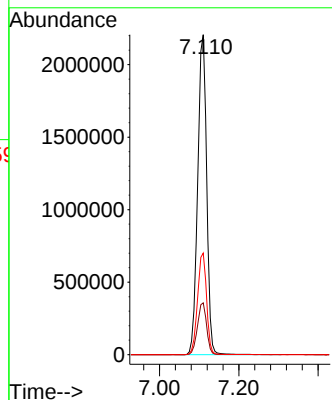
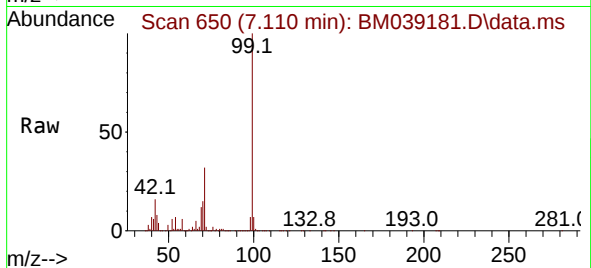


#7
Phenol-d6
Concen: 149.122 ng
RT: 7.110 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039181.D
Acq: 28 Mar 2023 16:02

Instrument :
BNA_M
ClientSampleId :
PB151601BL

Tgt Ion: 99 Resp: 3461674

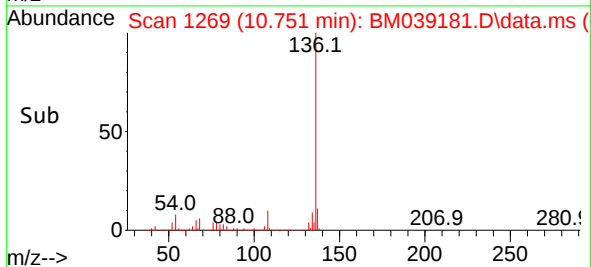
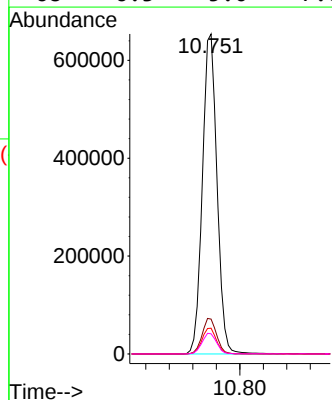
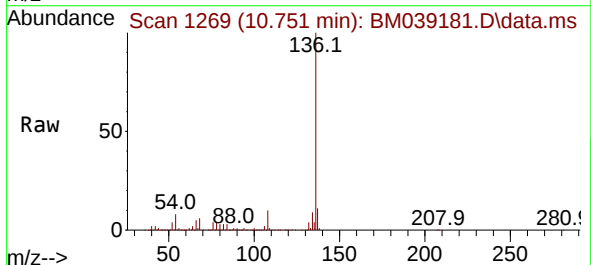
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	31.8	25.6	38.4

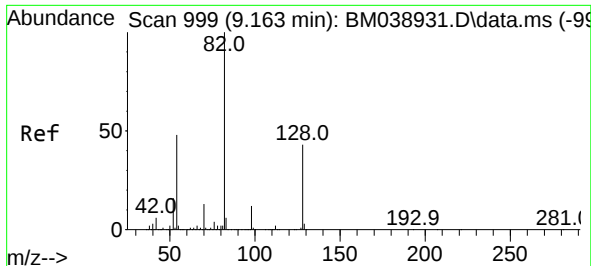


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BM039181.D
Acq: 28 Mar 2023 16:02

Tgt Ion: 136 Resp: 1126107

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.1	6.3	9.5
68	6.3	5.0	7.6

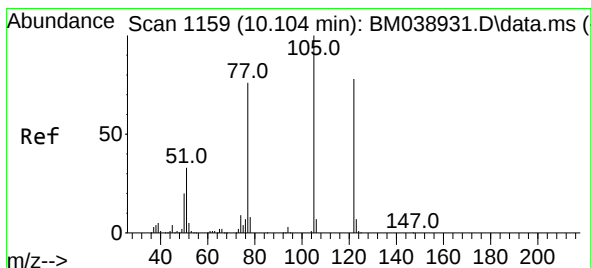
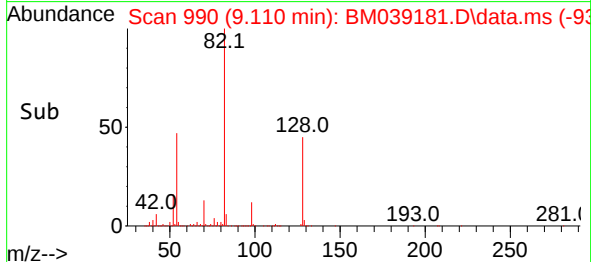
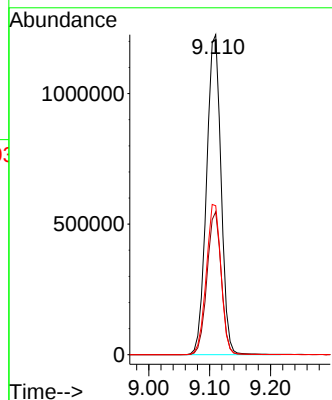
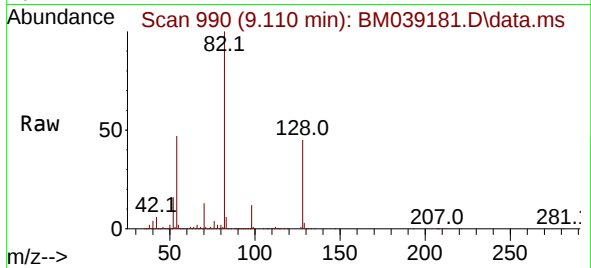




#23
Nitrobenzene-d5
Concen: 88.583 ng
RT: 9.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039181.D
Acq: 28 Mar 2023 16:02

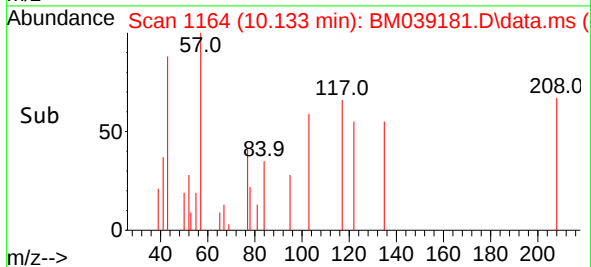
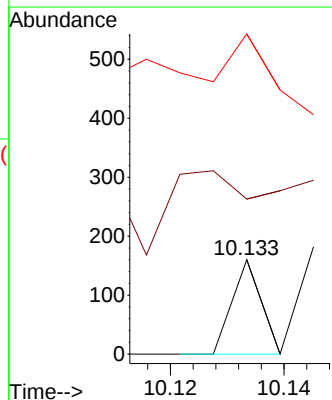
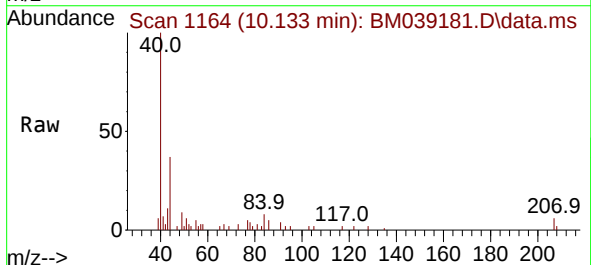
Instrument :
BNA_M
ClientSampleId :
PB151601BL

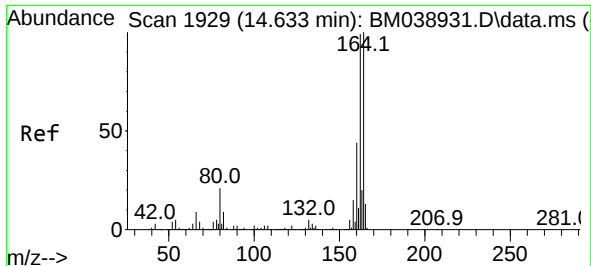
Tgt Ion: 82 Resp: 2030775
Ion Ratio Lower Upper
82 100
128 44.6 34.4 51.6
54 46.5 38.8 58.2



#32
Benzoic acid
Concen: 5.736 ng
RT: 10.133 min Scan# 1164
Delta R.T. 0.035 min
Lab File: BM039181.D
Acq: 28 Mar 2023 16:02

Tgt Ion: 122 Resp: 56
Ion Ratio Lower Upper
122 100
105 164.4 104.2 144.2#
77 339.4 75.1 115.1#

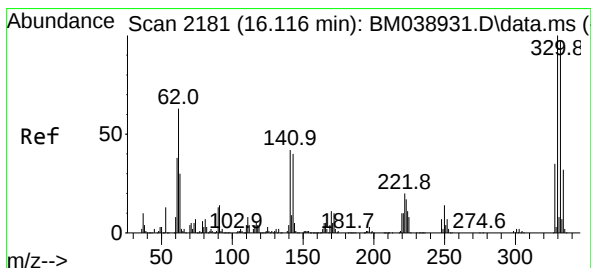
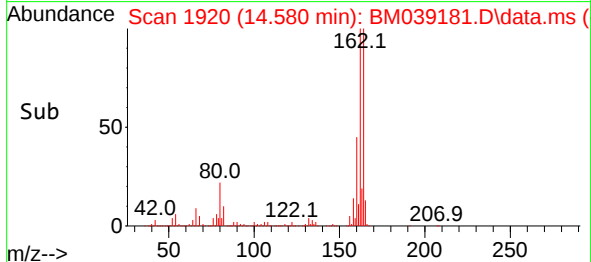
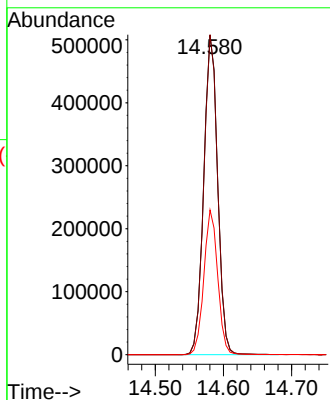
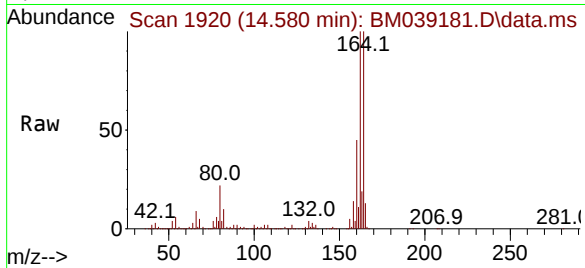




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039181.D
Acq: 28 Mar 2023 16:02

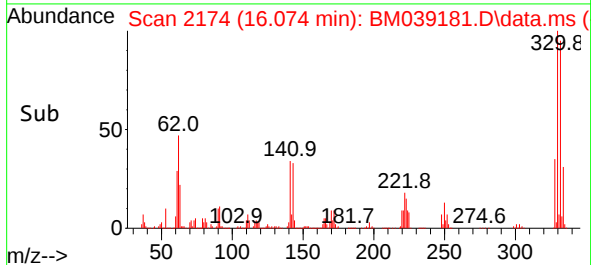
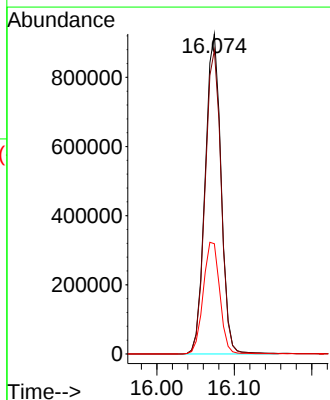
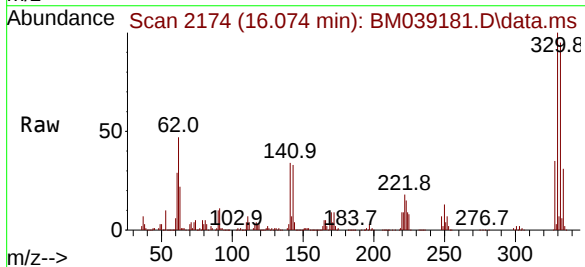
Instrument :
BNA_M
ClientSampleId :
PB151601BL

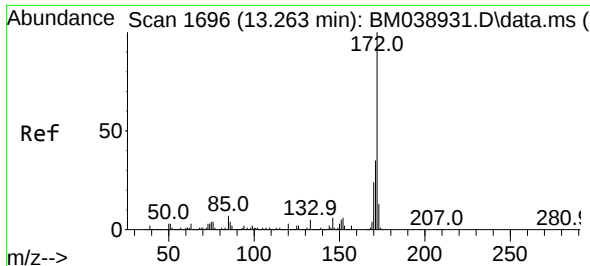
Tgt Ion:164 Resp: 720296
Ion Ratio Lower Upper
164 100
162 100.2 79.2 118.8
160 45.3 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 157.918 ng
RT: 16.074 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM039181.D
Acq: 28 Mar 2023 16:02

Tgt Ion:330 Resp: 1315878
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 36.5 32.2 48.4

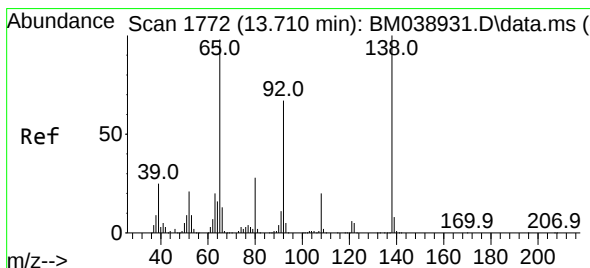
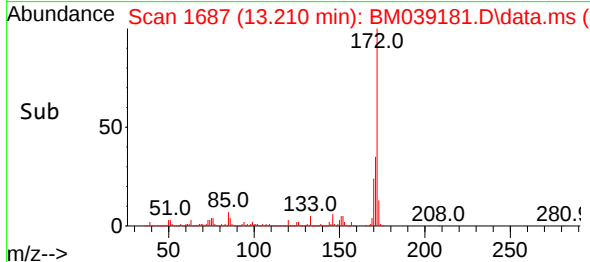
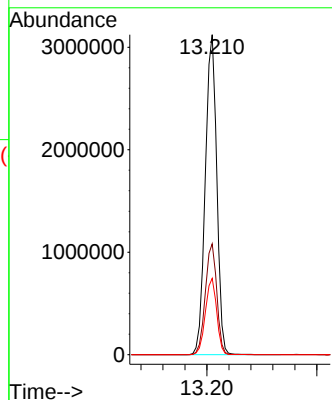
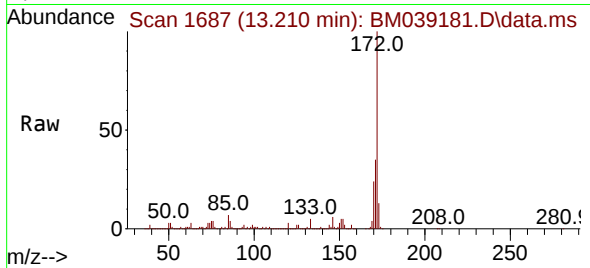




#45
2-Fluorobiphenyl
Concen: 81.446 ng
RT: 13.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039181.D
Acq: 28 Mar 2023 16:02

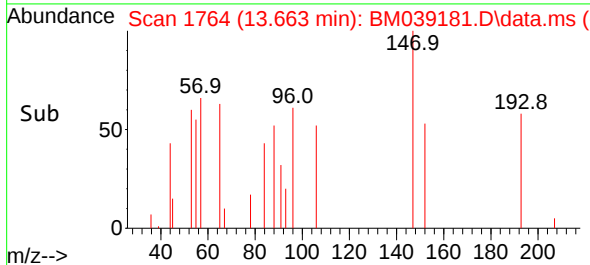
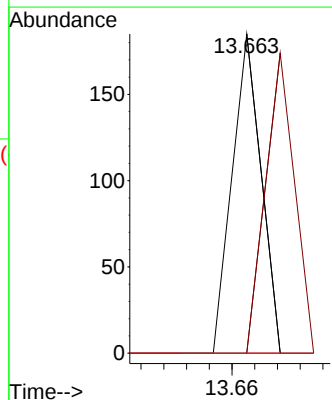
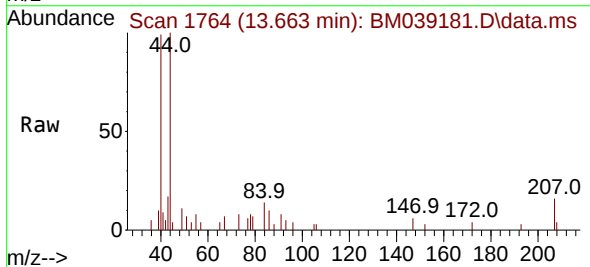
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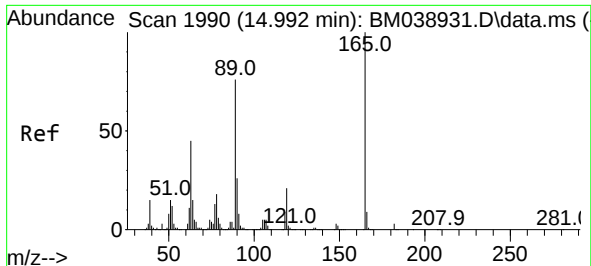
Tgt Ion:172 Resp: 4506490
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.8 19.1 28.7



#48
2-Nitroaniline
Concen: 2.220 ng
RT: 13.663 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM039181.D
Acq: 28 Mar 2023 16:02

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

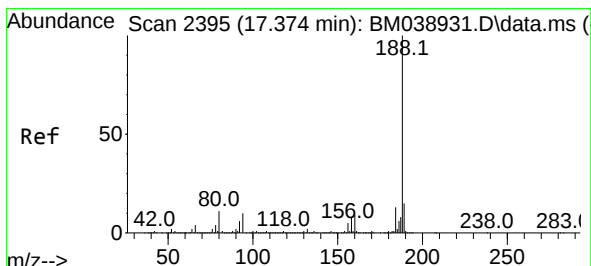
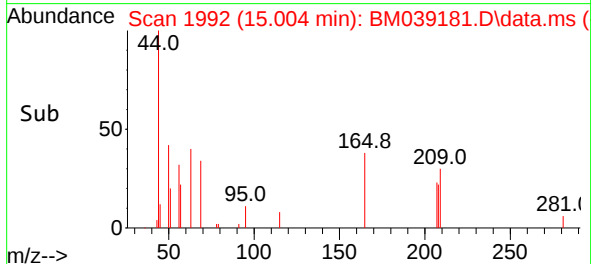
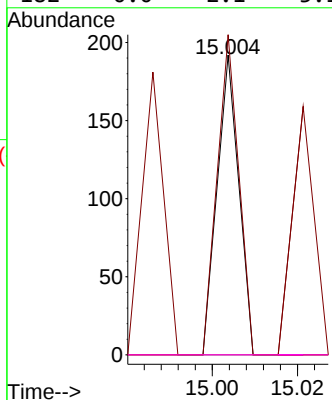
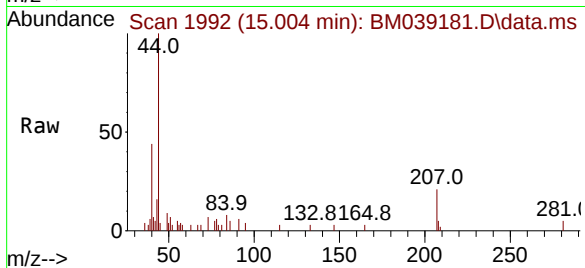




#57
2,4-Dinitrotoluene
Concen: 2.075 ng
RT: 15.004 min Scan# 1992
Delta R.T. 0.053 min
Lab File: BM039181.D
Acq: 28 Mar 2023 16:02

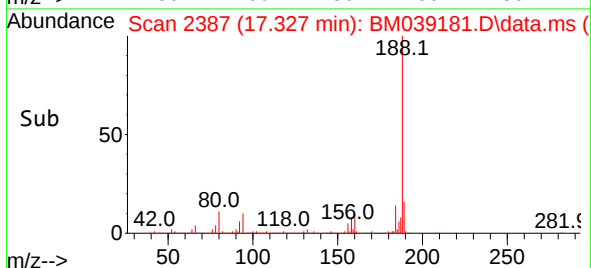
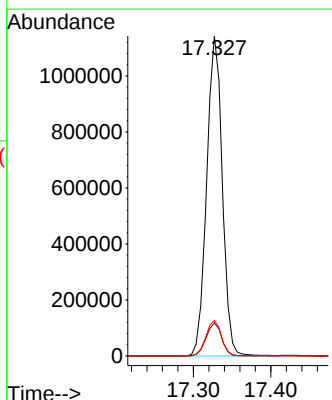
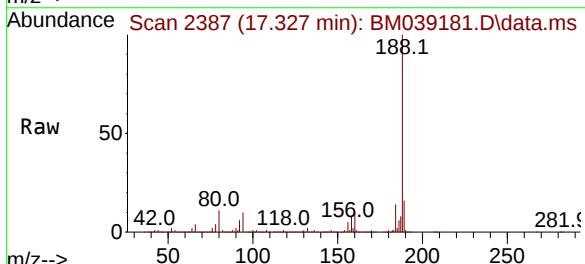
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ClientSampleId :
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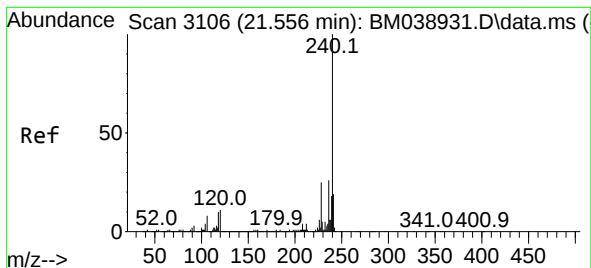
Tgt Ion:165 Resp: 68
Ion Ratio Lower Upper
165 100
63 106.8 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BM039181.D
Acq: 28 Mar 2023 16:02

Tgt Ion:188 Resp: 1600485
Ion Ratio Lower Upper
188 100
94 10.3 7.9 11.9
80 11.1 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM039181.D

Acq: 28 Mar 2023 16:02

Instrument :

BNA_M

ClientSampleId :

PB151601BL

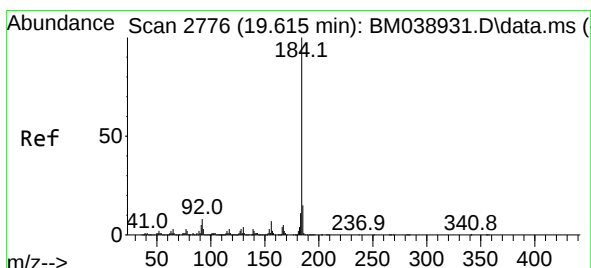
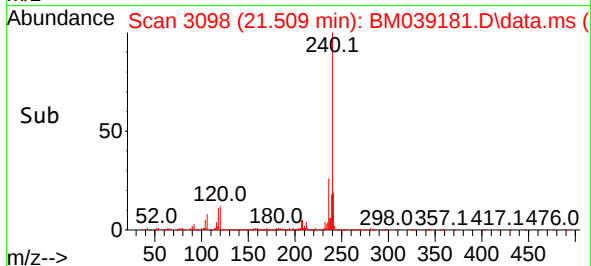
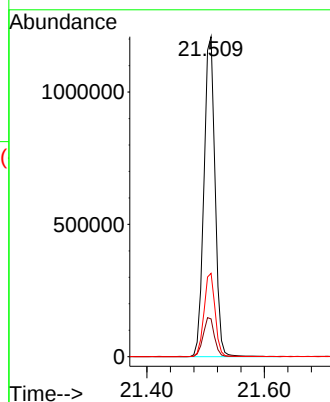
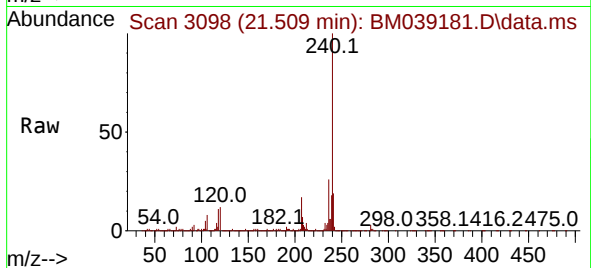
Tgt Ion:240 Resp: 1588631

Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

236 26.0 20.8 31.2



#77

Benzidine

Concen: 4.926 ng

RT: 19.598 min Scan# 2773

Delta R.T. 0.023 min

Lab File: BM039181.D

Acq: 28 Mar 2023 16:02

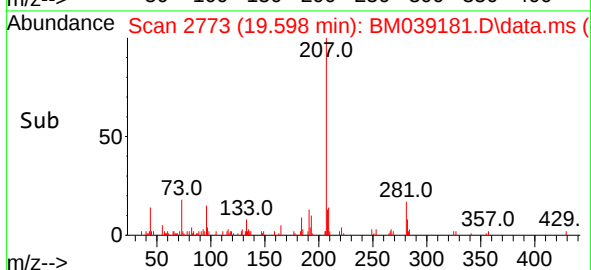
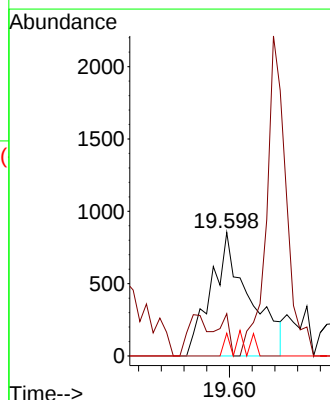
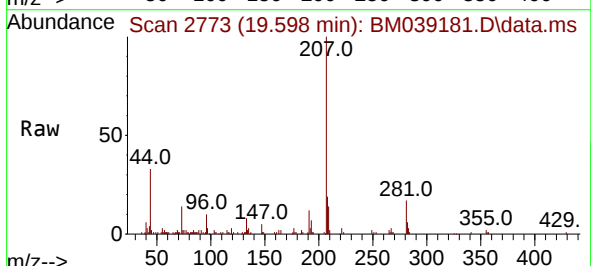
Tgt Ion:184 Resp: 2014

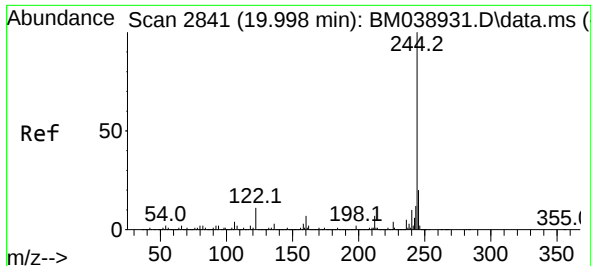
Ion Ratio Lower Upper

184 100

185 34.2 12.2 18.4#

183 18.4 8.8 13.2#

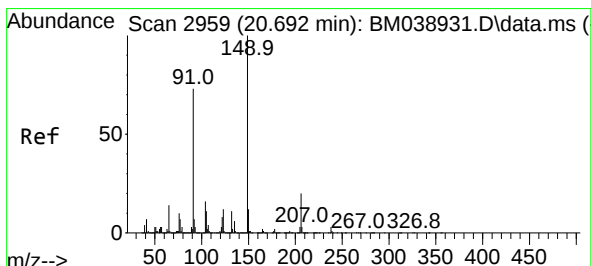
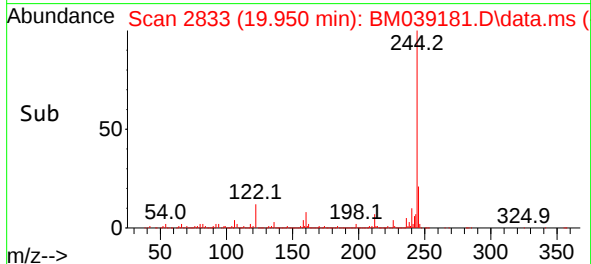
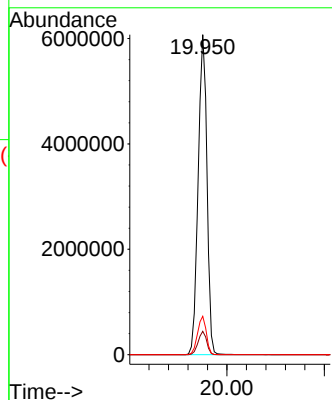
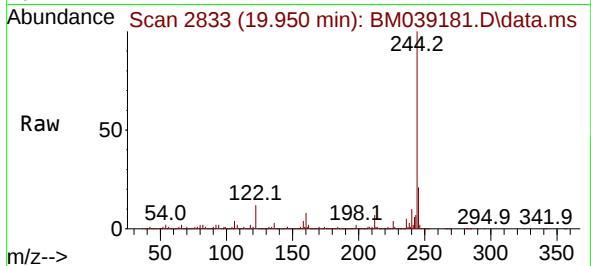




#79
 Terphenyl-d14
 Concen: 88.324 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039181.D
 Acq: 28 Mar 2023 16:02

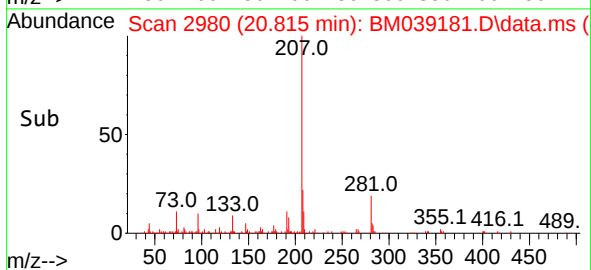
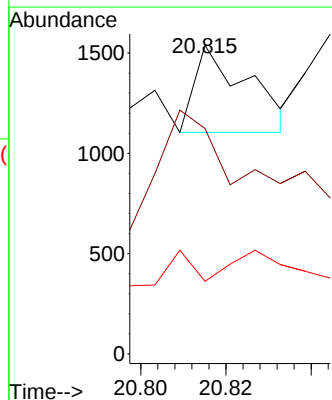
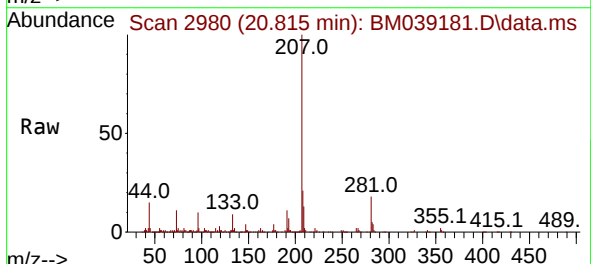
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 ClientSampleId :
 PB151601BL

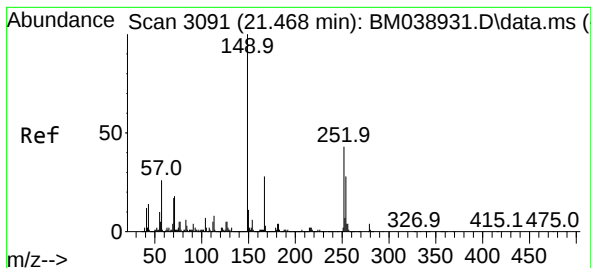
Tgt Ion:244 Resp: 7674469
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.0 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.323 ng
 RT: 20.815 min Scan# 2980
 Delta R.T. 0.171 min
 Lab File: BM039181.D
 Acq: 28 Mar 2023 16:02

Tgt Ion:149 Resp: 377
 Ion Ratio Lower Upper
 149 100
 91 73.1 58.4 87.6
 206 23.5 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.540 ng

RT: 21.415 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BM039181.D

Acq: 28 Mar 2023 16:02

Instrument :

BNA_M

ClientSampleId :

PB151601BL

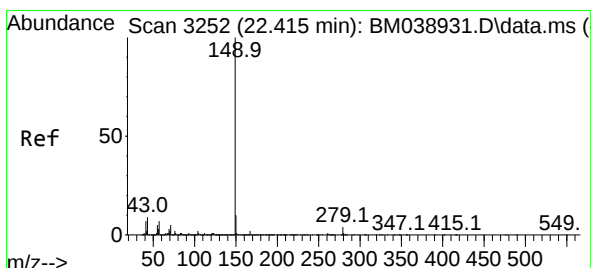
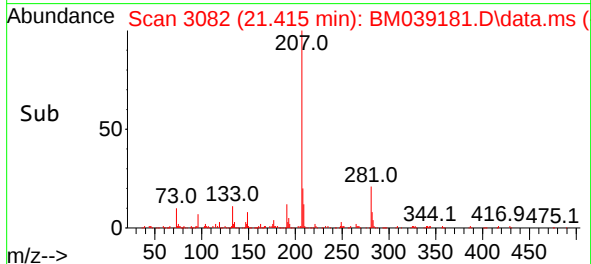
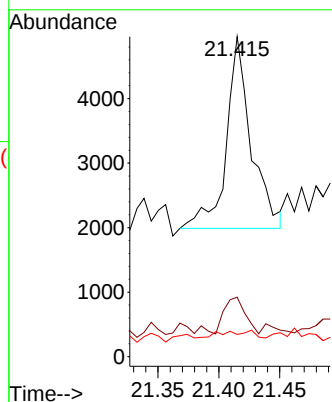
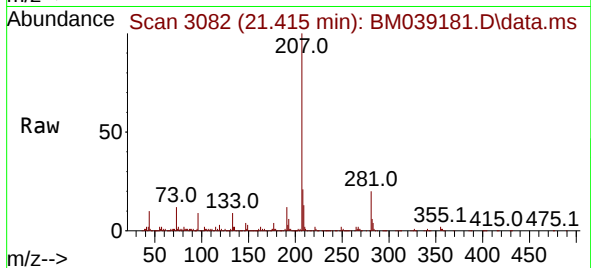
Tgt Ion:149 Resp: 4226

Ion Ratio Lower Upper

149 100

167 18.6 22.3 33.5#

279 7.0 3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 3.812 ng

RT: 22.350 min Scan# 3241

Delta R.T. 0.006 min

Lab File: BM039181.D

Acq: 28 Mar 2023 16:02

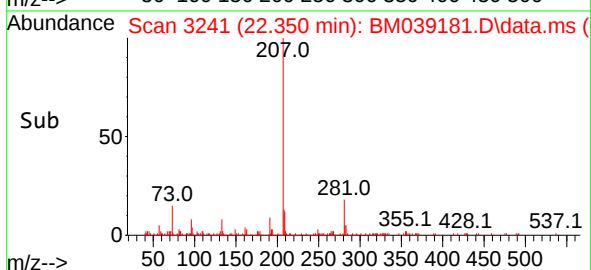
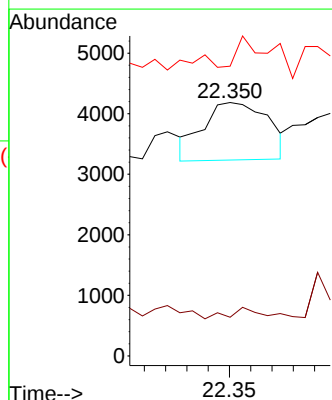
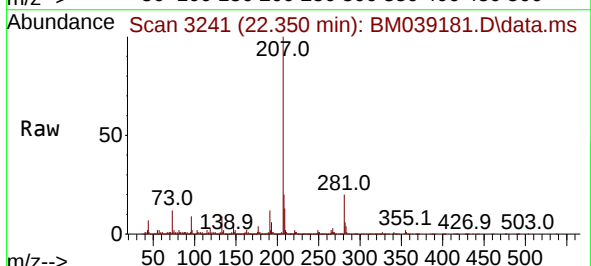
Tgt Ion:149 Resp: 2015

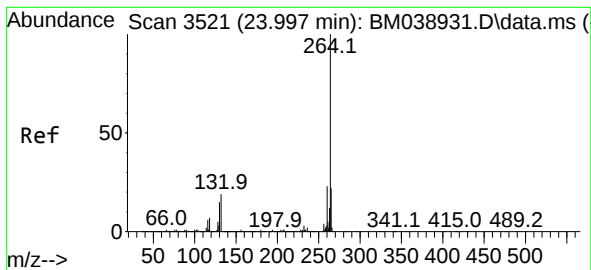
Ion Ratio Lower Upper

149 100

167 9.6 1.2 1.8#

43 40.8 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: BM039181.D

Acq: 28 Mar 2023 16:02

Instrument :

BNA_M

ClientSampleId :

PB151601BL

Tgt Ion:264 Resp: 1640442

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.2 17.9 26.9

