

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039160.D
 Acq On : 27 Mar 2023 14:08
 Operator : CG/JU
 Sample : PB151521BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151521BL

Quant Time: Mar 28 01:49:18 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)

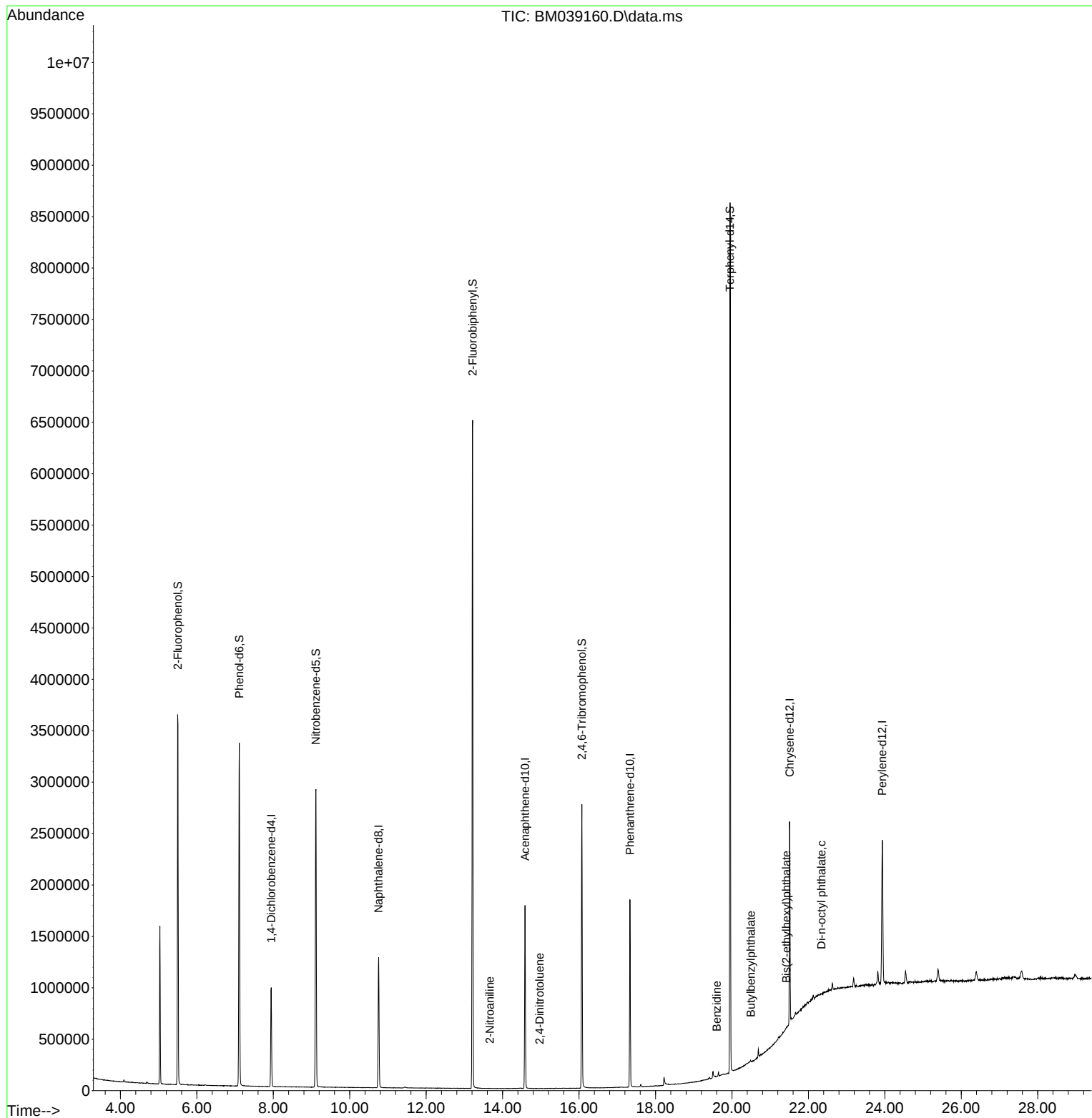
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	258015	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	1040078	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	581023	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1056527	20.000	ng	0.00
76) Chrysene-d12	21.509	240	937640	20.000	ng	0.00
86) Perylene-d12	23.933	264	1039671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1577926	92.914	ng	0.00
7) Phenol-d6	7.110	99	1929098	87.453	ng	0.00
23) Nitrobenzene-d5	9.116	82	1725523	81.493	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	473208	70.402	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	3369603	75.497	ng	0.00
79) Terphenyl-d14	19.950	244	3998583	77.970	ng	0.00
Target Compounds						
					Qvalue	
48) 2-Nitroaniline	13.669	65	80	2.222	ng	# 36
57) 2,4-Dinitrotoluene	14.968	165	55	2.075	ng	# 35
77) Benzidine	19.603	184	1831	4.953	ng	# 69
80) Butylbenzylphthalate	20.497	149	425	3.329	ng	94
84) Bis(2-ethylhexyl)phtha...	21.421	149	3038	2.552	ng	# 90
85) Di-n-octyl phthalate	22.339	149	200	3.799	ng	# 1

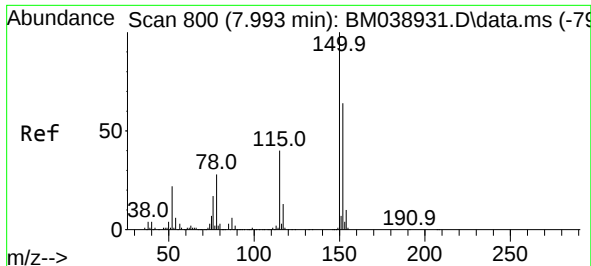
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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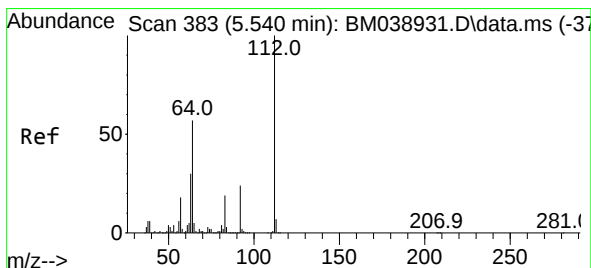
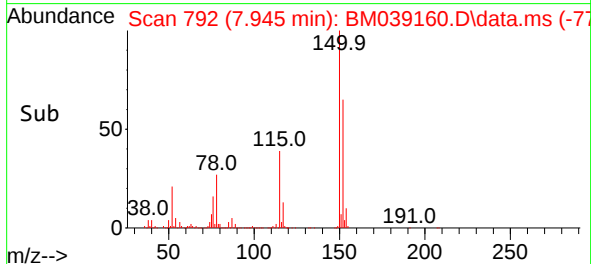
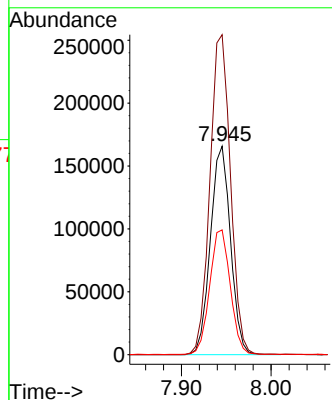
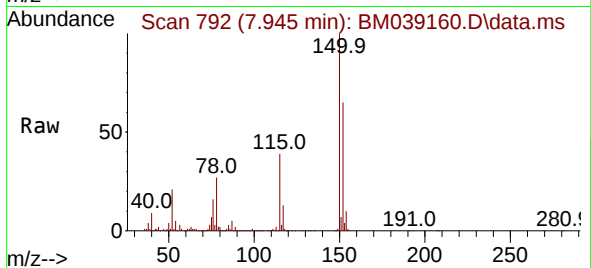




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.945 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039160.D
Acq: 27 Mar 2023 14:08

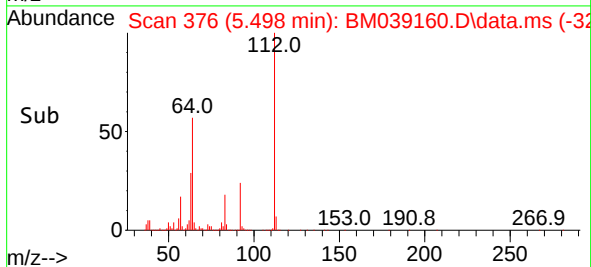
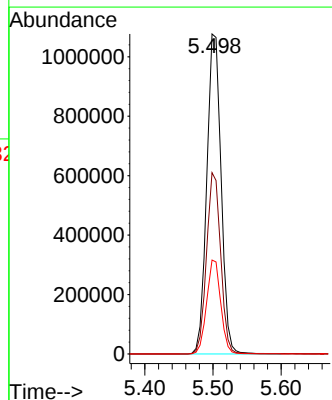
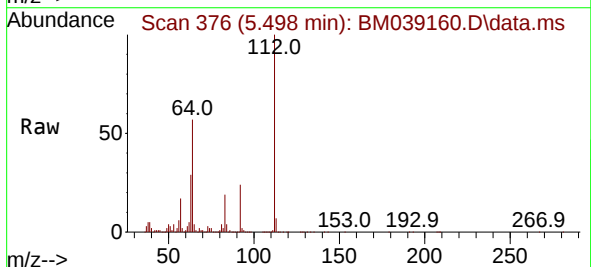
Instrument :
BNA_M
ClientSampleId :
PB151521BL

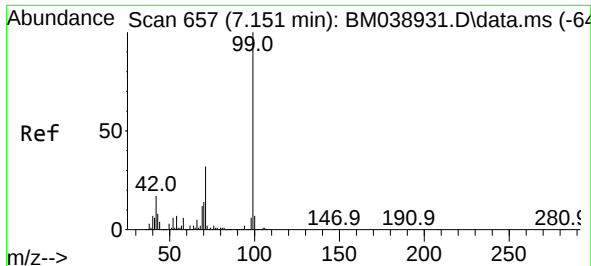
Tgt Ion:152 Resp: 258015
Ion Ratio Lower Upper
152 100
150 153.5 125.1 187.7
115 59.9 49.6 74.4



#5
2-Fluorophenol
Concen: 92.914 ng
RT: 5.498 min Scan# 376
Delta R.T. -0.000 min
Lab File: BM039160.D
Acq: 27 Mar 2023 14:08

Tgt Ion:112 Resp: 1577926
Ion Ratio Lower Upper
112 100
64 56.7 45.9 68.9
63 29.4 23.8 35.8

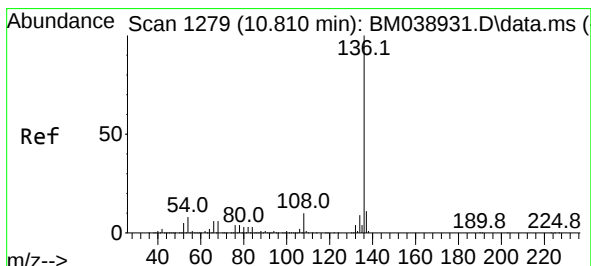
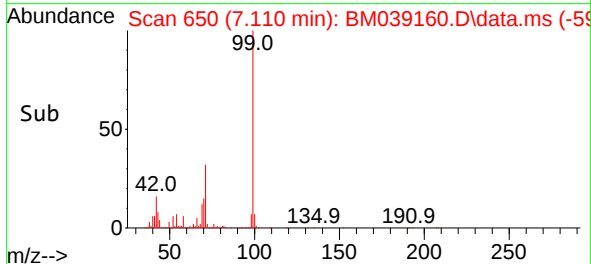
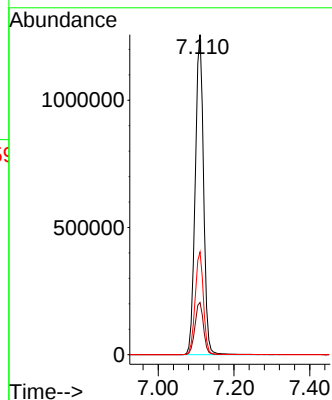
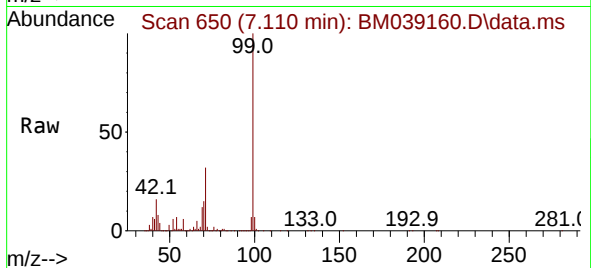




#7
Phenol-d6
Concen: 87.453 ng
RT: 7.110 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039160.D
Acq: 27 Mar 2023 14:08

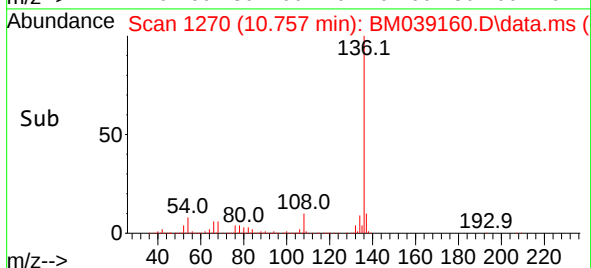
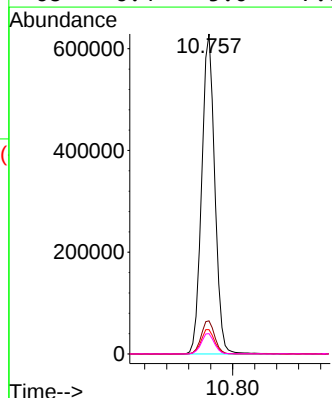
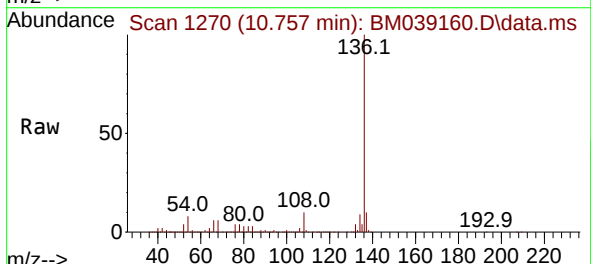
Instrument :
BNA_M
ClientSampleId :
PB151521BL

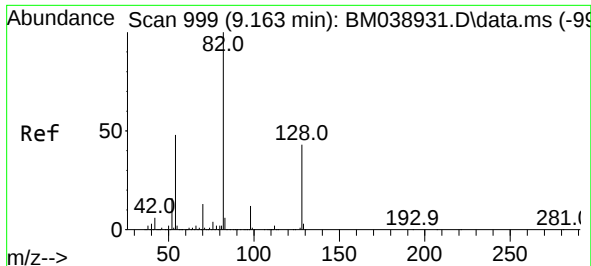
Tgt Ion: 99 Resp: 1929098
Ion Ratio Lower Upper
99 100
42 16.3 13.5 20.3
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BM039160.D
Acq: 27 Mar 2023 14:08

Tgt Ion: 136 Resp: 1040078
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 7.6 6.3 9.5
68 6.4 5.0 7.6

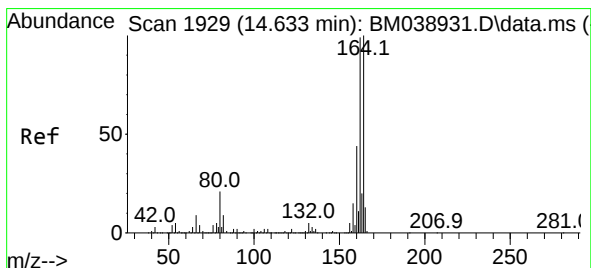
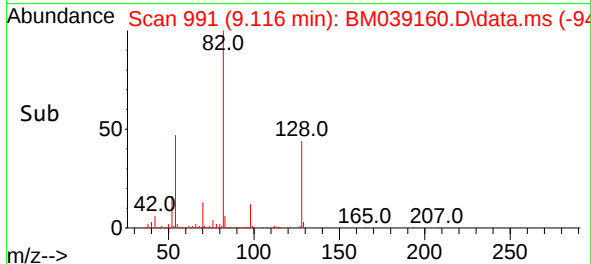
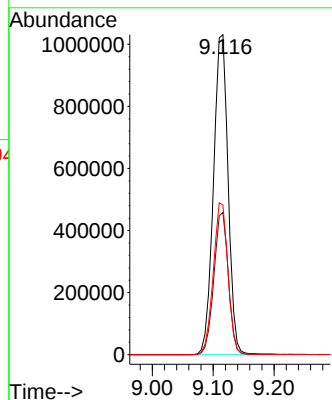
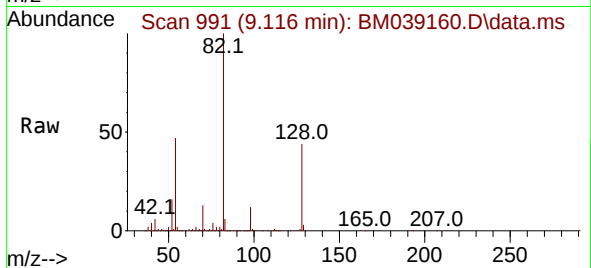




#23
Nitrobenzene-d5
Concen: 81.493 ng
RT: 9.116 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM039160.D
Acq: 27 Mar 2023 14:08

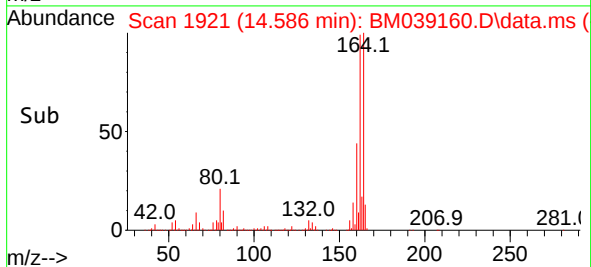
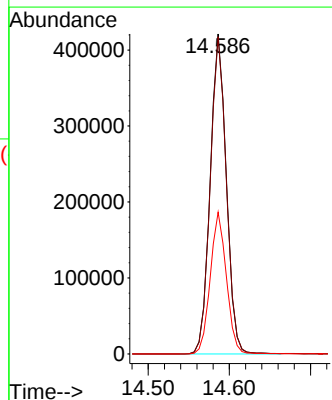
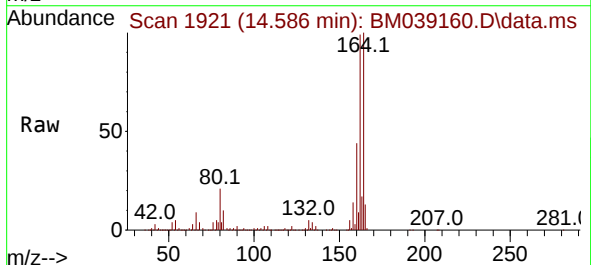
Instrument :
BNA_M
ClientSampleId :
PB151521BL

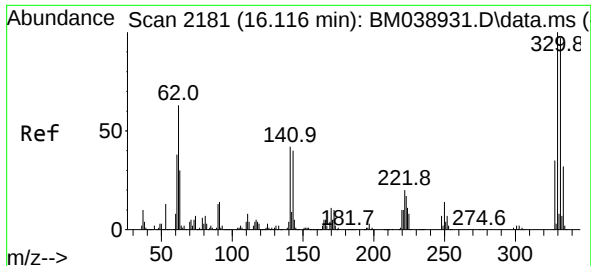
Tgt Ion: 82 Resp: 1725523
Ion Ratio Lower Upper
82 100
128 44.5 34.4 51.6
54 46.7 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM039160.D
Acq: 27 Mar 2023 14:08

Tgt Ion: 164 Resp: 581023
Ion Ratio Lower Upper
164 100
162 99.2 79.2 118.8
160 44.3 35.5 53.3

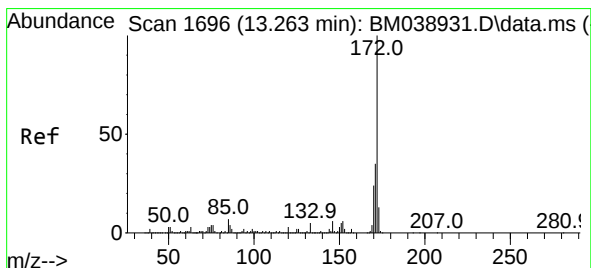
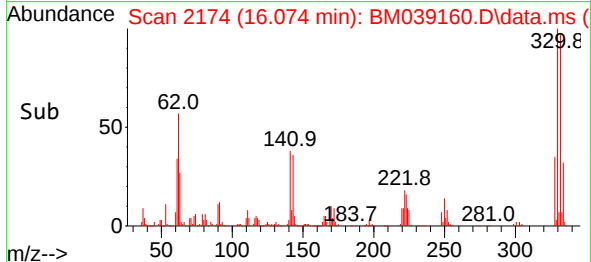
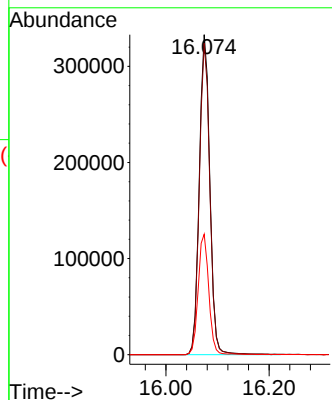
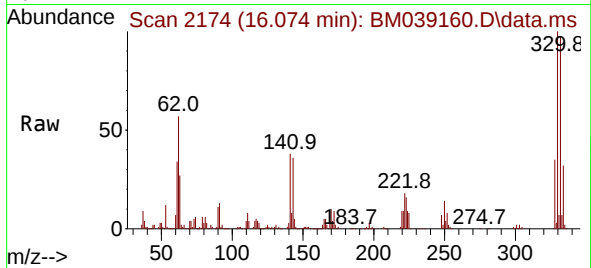




#42
2,4,6-Tribromophenol
Concen: 70.402 ng
RT: 16.074 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039160.D
Acq: 27 Mar 2023 14:08

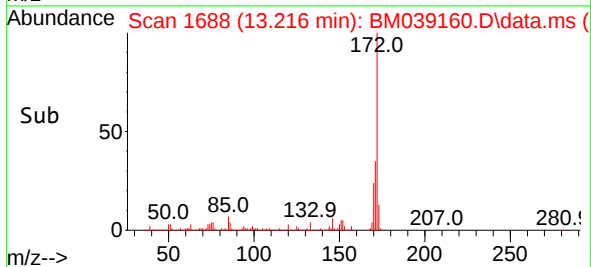
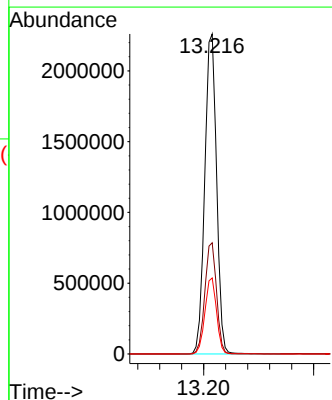
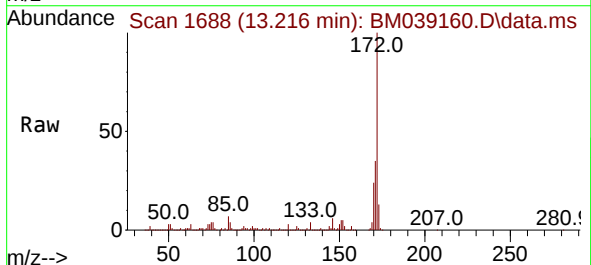
Instrument :
BNA_M
ClientSampleId :
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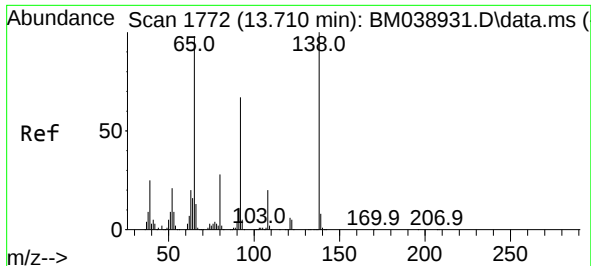
Tgt Ion:330 Resp: 473208
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 37.6 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 75.497 ng
RT: 13.216 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BM039160.D
Acq: 27 Mar 2023 14:08

Tgt Ion:172 Resp: 3369603
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.7 19.1 28.7

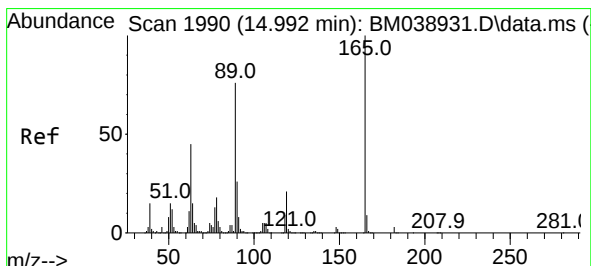
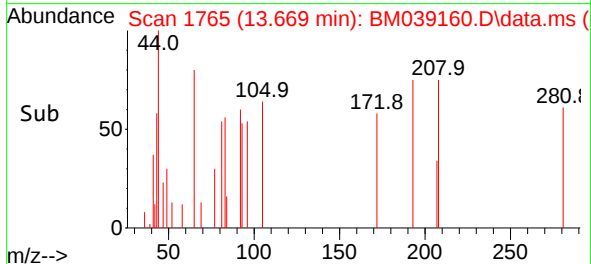
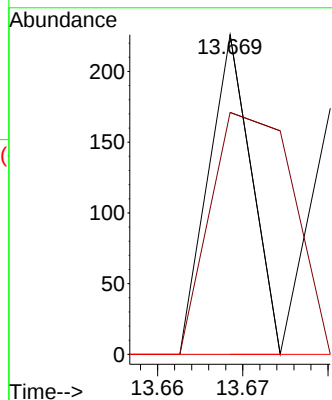
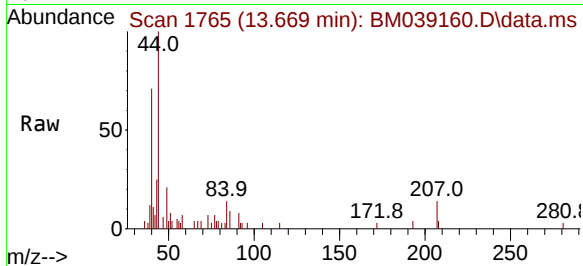




#48
2-Nitroaniline
Concen: 2.222 ng
RT: 13.669 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039160.D
Acq: 27 Mar 2023 14:08

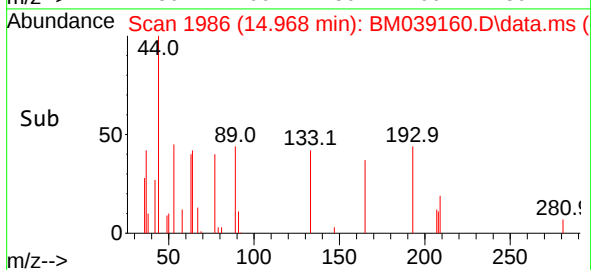
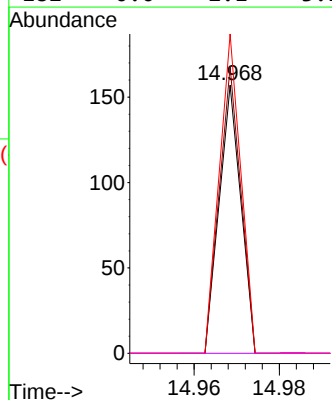
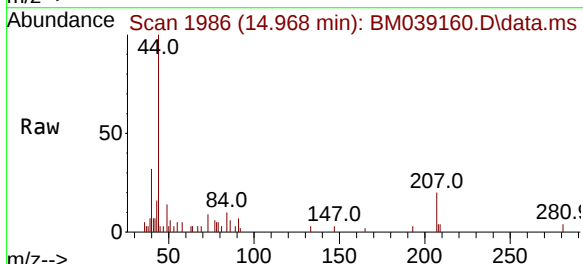
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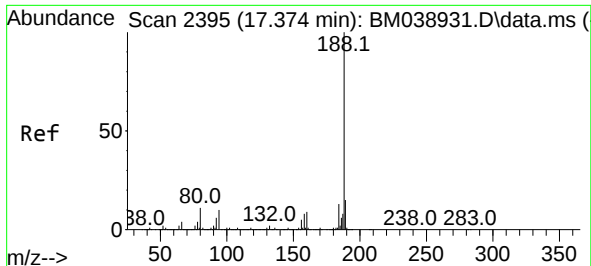
Tgt Ion: 65 Resp: 80
Ion Ratio Lower Upper
65 100
92 75.7 54.9 82.3
138 0.0 81.6 122.4#



#57
2,4-Dinitrotoluene
Concen: 2.075 ng
RT: 14.968 min Scan# 1986
Delta R.T. 0.012 min
Lab File: BM039160.D
Acq: 27 Mar 2023 14:08

Tgt Ion: 165 Resp: 55
Ion Ratio Lower Upper
165 100
63 107.0 35.9 53.9#
89 119.1 61.0 91.6#
182 0.0 2.1 3.1#

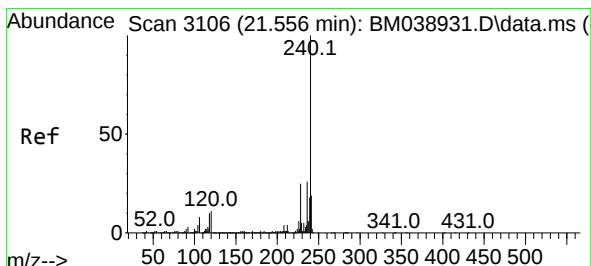
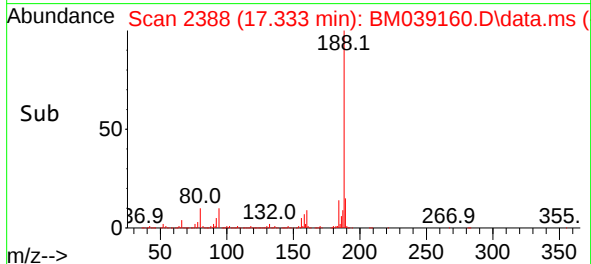
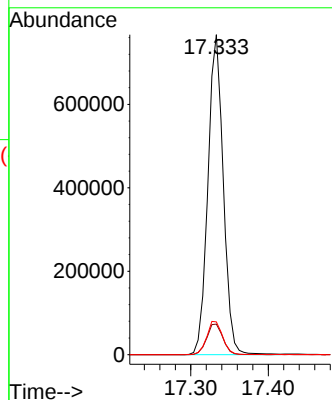
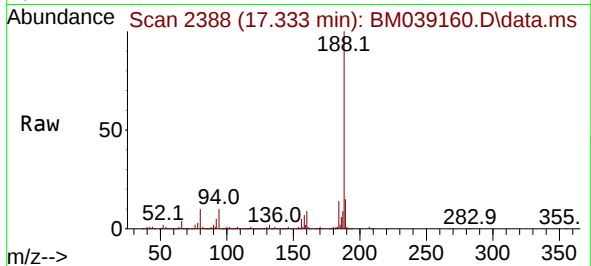




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039160.D
Acq: 27 Mar 2023 14:08

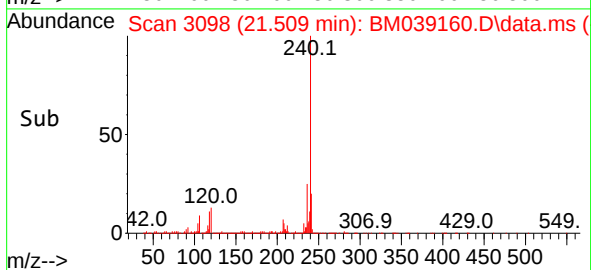
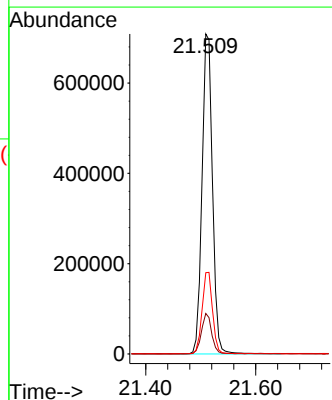
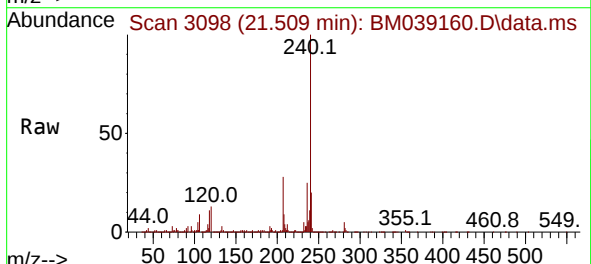
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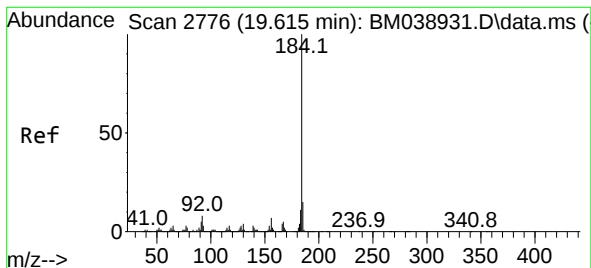
Tgt Ion:188 Resp: 1056527
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM039160.D
Acq: 27 Mar 2023 14:08

Tgt Ion:240 Resp: 937640
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.4 20.8 31.2





#77

Benzidine

Concen: 4.953 ng

RT: 19.603 min Scan# 21

Delta R.T. 0.023 min

Lab File: BM039160.D

Acq: 27 Mar 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB151521BL

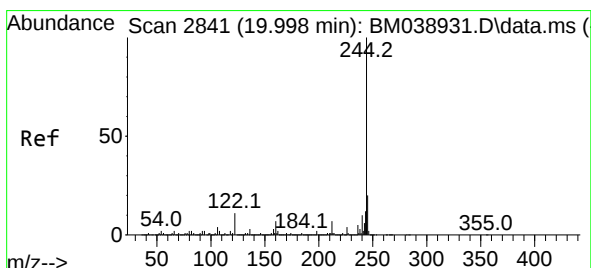
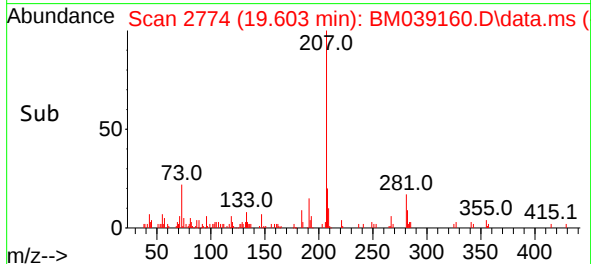
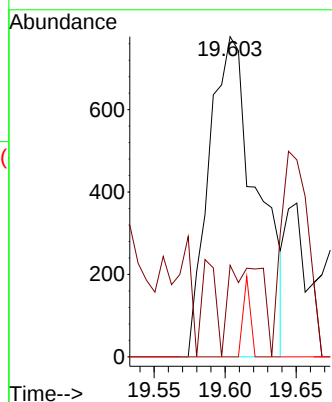
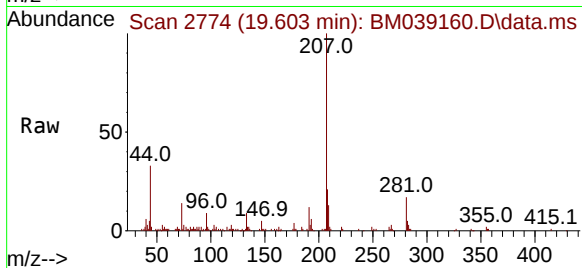
Tgt Ion:184 Resp: 1831

Ion Ratio Lower Upper

184 100

185 28.6 12.2 18.4#

183 0.0 8.8 13.2#



#79

Terphenyl-d14

Concen: 77.970 ng

RT: 19.950 min Scan# 2833

Delta R.T. -0.006 min

Lab File: BM039160.D

Acq: 27 Mar 2023 14:08

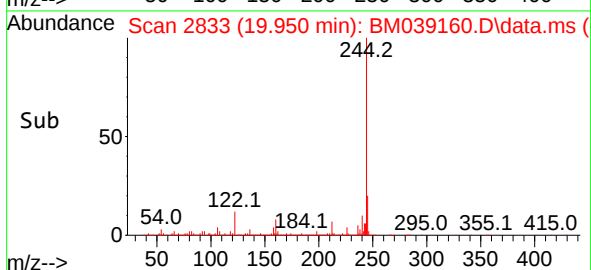
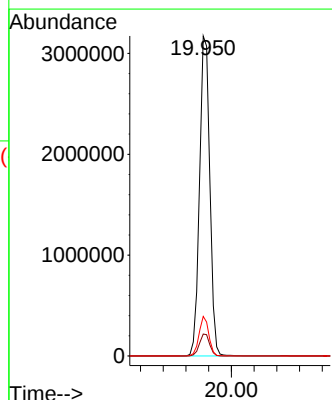
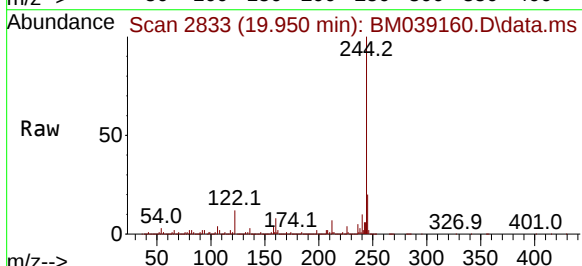
Tgt Ion:244 Resp: 3998583

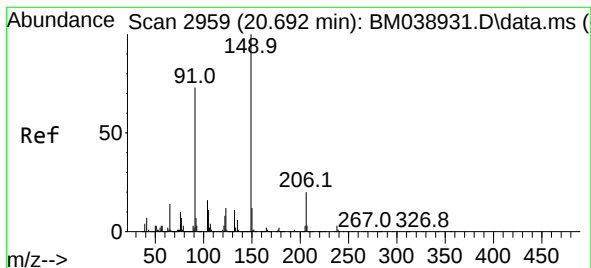
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 12.4 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.329 ng

RT: 20.497 min Scan# 2959

Delta R.T. -0.147 min

Lab File: BM039160.D

Acq: 27 Mar 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB151521BL

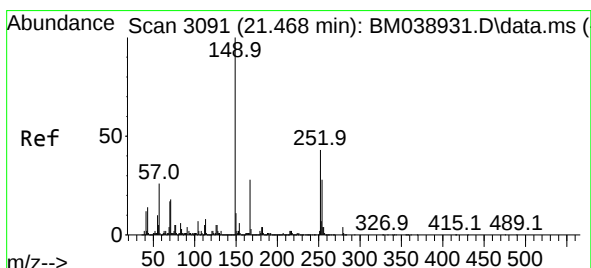
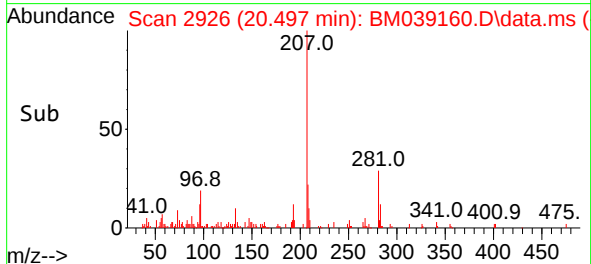
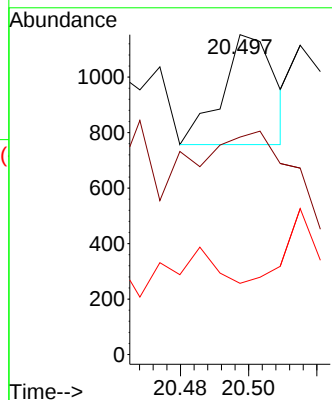
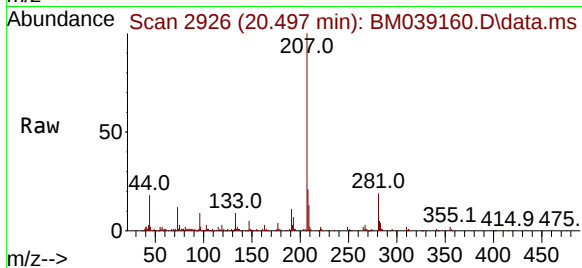
Tgt Ion:149 Resp: 425

Ion Ratio Lower Upper

149 100

91 68.0 58.4 87.6

206 22.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.552 ng

RT: 21.421 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM039160.D

Acq: 27 Mar 2023 14:08

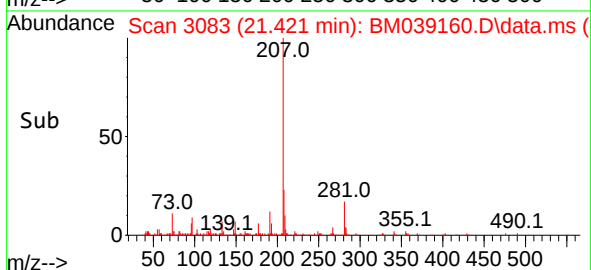
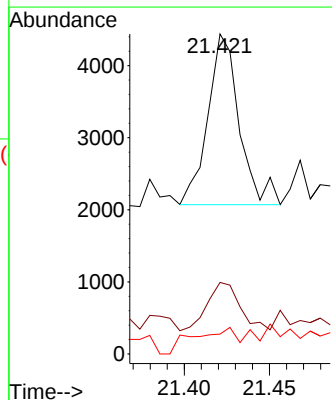
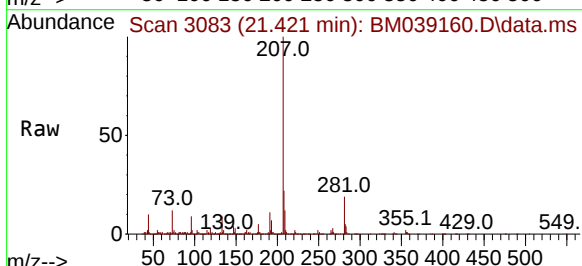
Tgt Ion:149 Resp: 3038

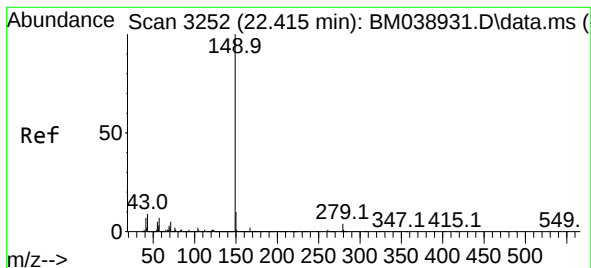
Ion Ratio Lower Upper

149 100

167 22.4 22.3 33.5

279 6.2 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 3.799 ng

RT: 22.339 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM039160.D

Acq: 27 Mar 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB151521BL

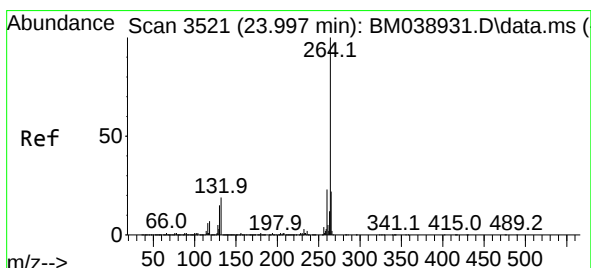
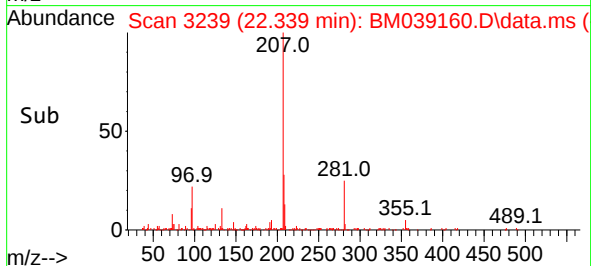
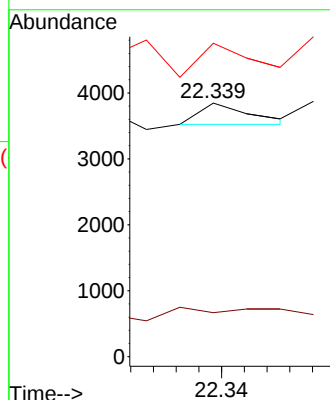
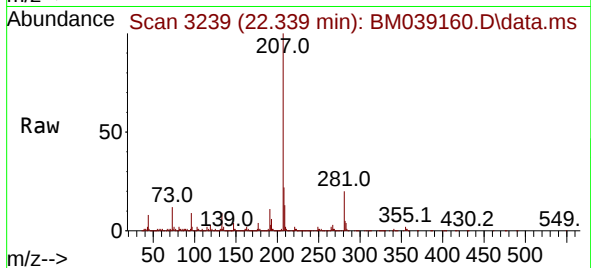
Tgt Ion:149 Resp: 200

Ion Ratio Lower Upper

149 100

167 138.5 1.2 1.8#

43 159.0 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 3510

Delta R.T. -0.006 min

Lab File: BM039160.D

Acq: 27 Mar 2023 14:08

Tgt Ion:264 Resp: 1039671

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.4 17.9 26.9

