

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039051.D
 Acq On : 20 Mar 2023 19:17
 Operator : CG/JU
 Sample : 01954-08RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SV-TP4-0316RE

Quant Time: Mar 21 01:49:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

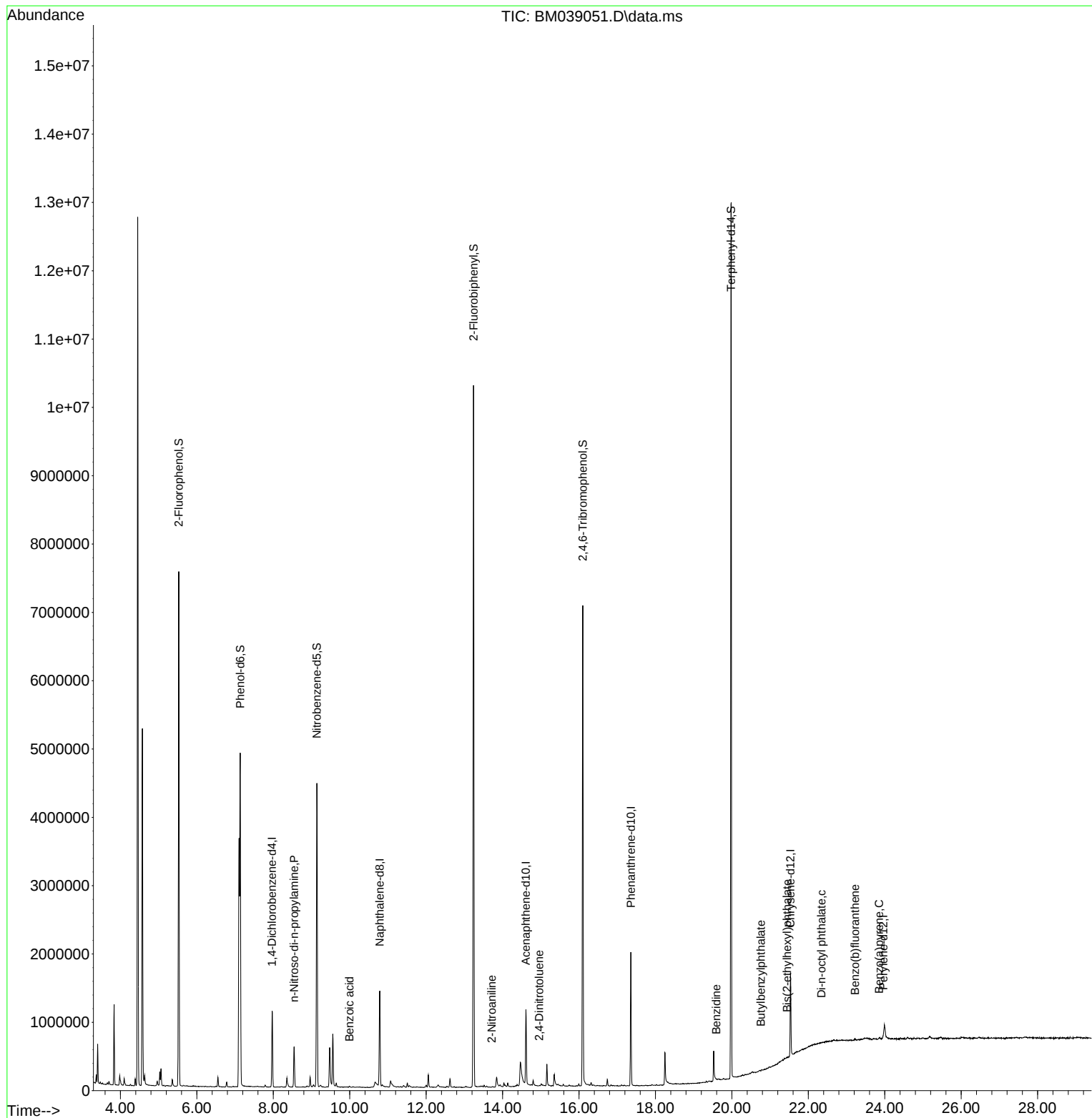
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	289268	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	1126186	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	312549	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1022005	20.000	ng	0.00
76) Chrysene-d12	21.533	240	397511	20.000	ng	0.00
86) Perylene-d12	23.962	264	20597	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3113537	163.529	ng	0.00
7) Phenol-d6	7.134	99	2483058	100.404	ng	0.00
23) Nitrobenzene-d5	9.140	82	2522188	110.011	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1144988	316.672	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	4935484	205.568	ng	0.00
79) Terphenyl-d14	19.980	244	5556816	255.583	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.546	70	48599	3.120	ng	# 35
32) Benzoic acid	9.992	122	5275	6.077	ng	90
48) 2-Nitroaniline	13.716	65	261	2.254	ng	# 6
57) 2,4-Dinitrotoluene	14.957	165	380	2.123	ng	# 38
77) Benzidine	19.592	184	503	4.926	ng	# 1
80) Butylbenzylphthalate	20.756	149	573	3.358	ng	96
84) Bis(2-ethylhexyl)phtha...	21.445	149	6810	2.837	ng	# 95
85) Di-n-octyl phthalate	22.345	149	616	3.815	ng	# 1
88) Benzo(b)fluoranthene	23.221	252	3163	2.404	ng	# 1
90) Benzo(a)pyrene	23.850	252	2568	2.028	ng	# 1

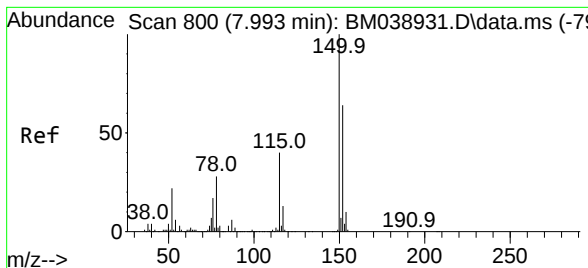
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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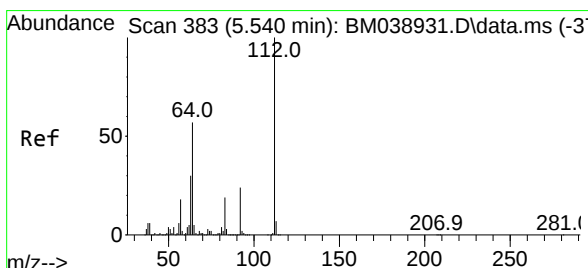
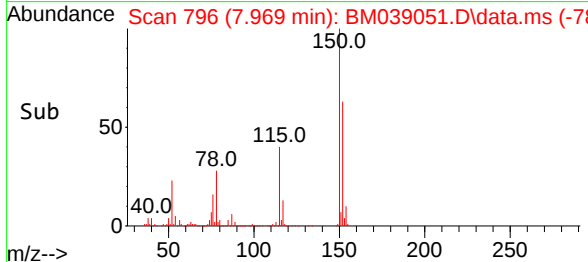
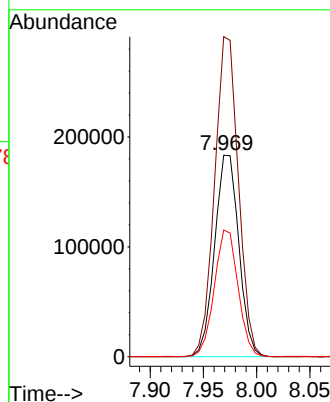
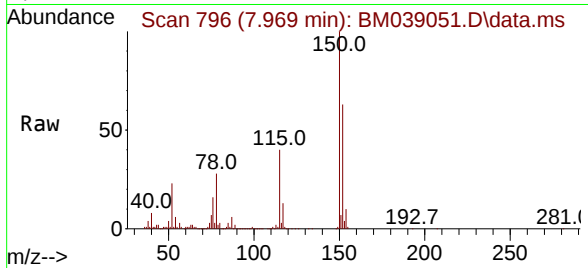




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: BM039051.D
 Acq: 20 Mar 2023 19:17

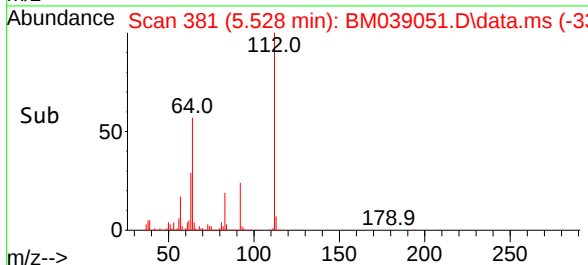
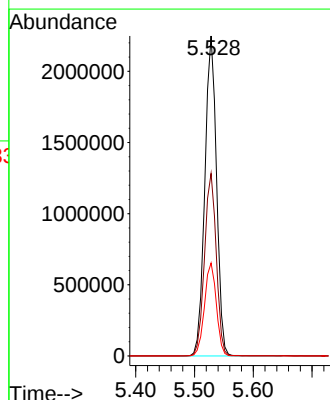
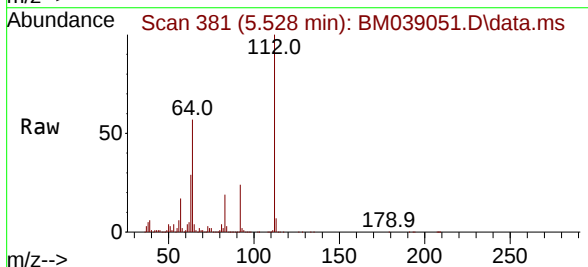
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 BNA_M
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 SV-TP4-0316RE

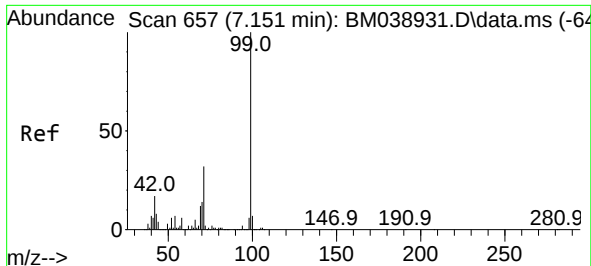
Tgt Ion:152 Resp: 289268
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.1 187.7
 115 62.9 49.6 74.4



#5
 2-Fluorophenol
 Concen: 163.529 ng
 RT: 5.528 min Scan# 381
 Delta R.T. 0.000 min
 Lab File: BM039051.D
 Acq: 20 Mar 2023 19:17

Tgt Ion:112 Resp: 3113537
 Ion Ratio Lower Upper
 112 100
 64 57.1 45.9 68.9
 63 29.1 23.8 35.8

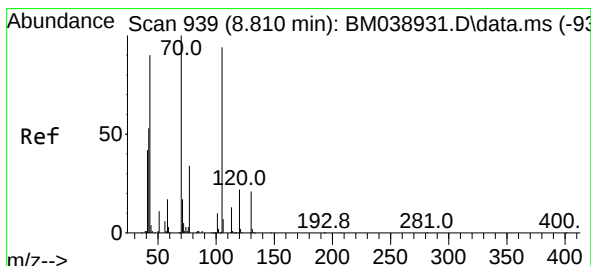
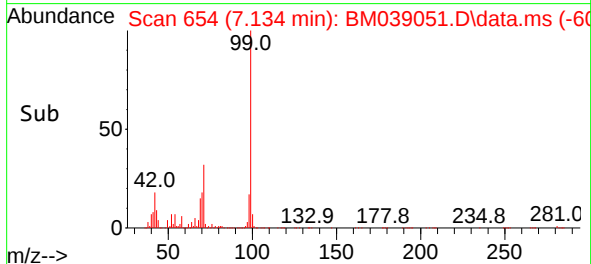
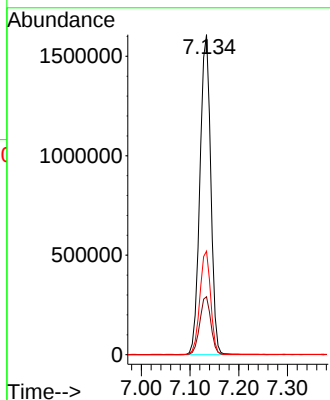
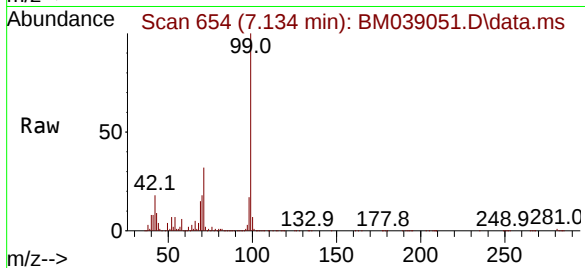




#7
Phenol-d6
Concen: 100.404 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

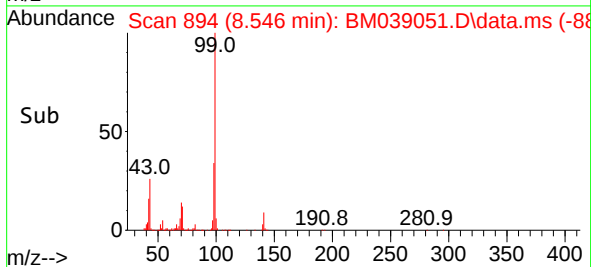
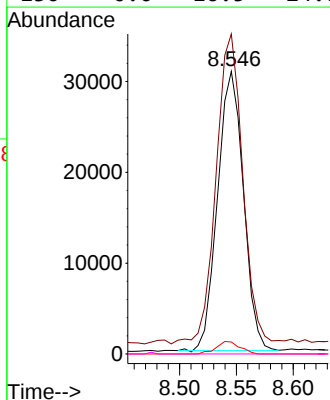
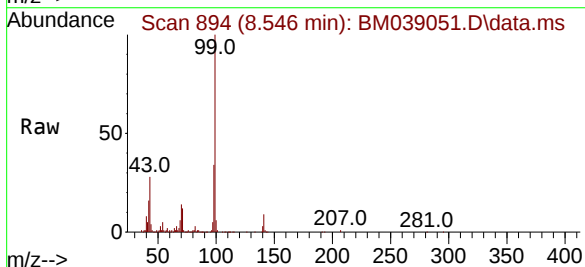
Instrument :
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ClientSampleId :
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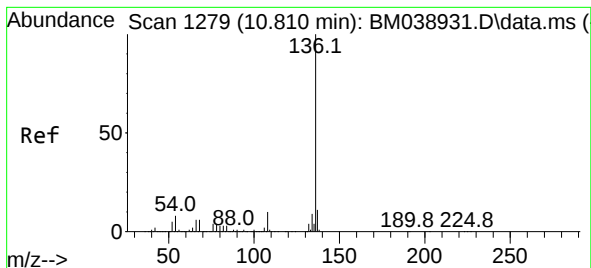
Tgt Ion: 99 Resp: 2483058
Ion Ratio Lower Upper
99 100
42 18.1 13.5 20.3
71 32.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 3.120 ng
RT: 8.546 min Scan# 894
Delta R.T. -0.247 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

Tgt Ion: 70 Resp: 48599
Ion Ratio Lower Upper
70 100
42 113.2 43.4 65.2#
101 4.2 7.6 11.4#
130 0.0 16.5 24.7#

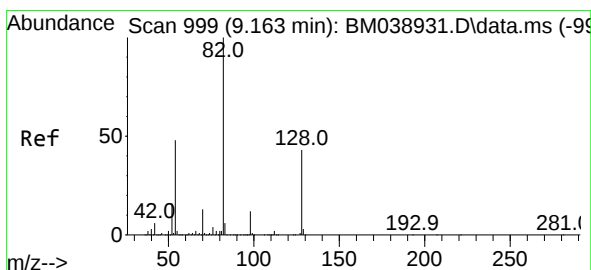
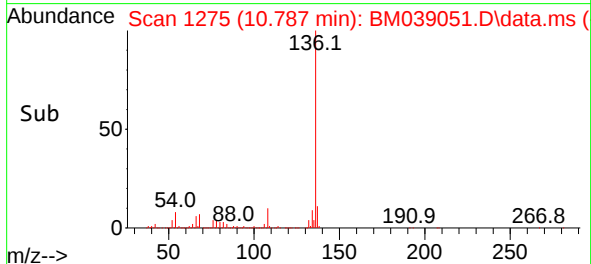
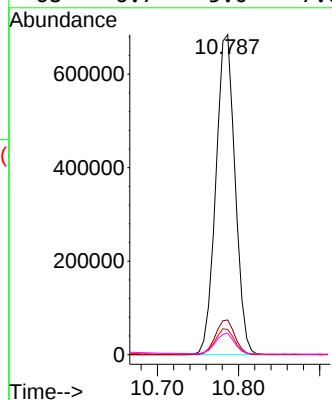
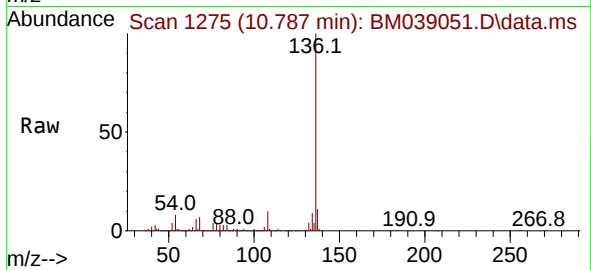




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

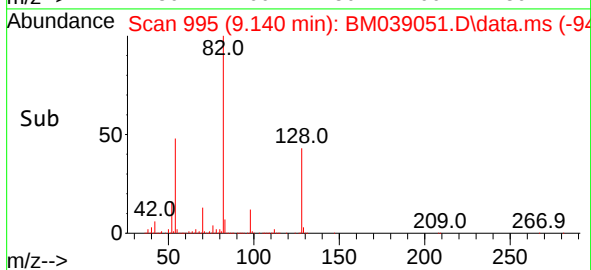
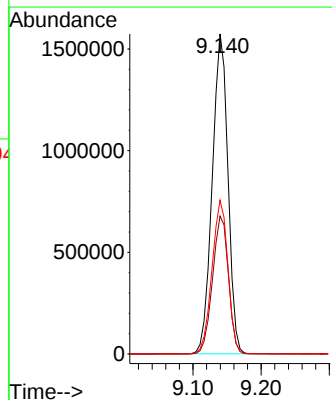
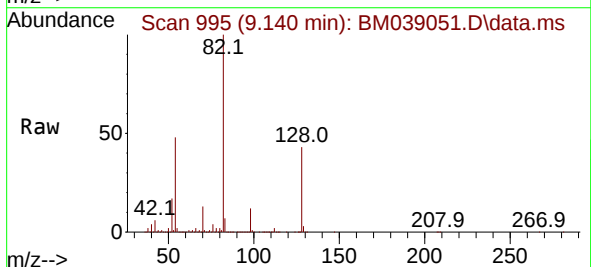
Instrument :
BNA_M
ClientSampleId :
SV-TP4-0316RE

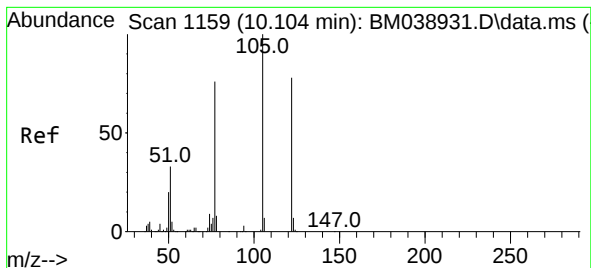
Tgt Ion:136 Resp: 1126186
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.8 6.3 9.5
68 6.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 110.011 ng
RT: 9.140 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

Tgt Ion: 82 Resp: 2522188
Ion Ratio Lower Upper
82 100
128 43.1 34.4 51.6
54 48.1 38.8 58.2





#32

Benzoic acid

Concen: 6.077 ng

RT: 9.992 min Scan# 1159

Delta R.T. -0.106 min

Lab File: BM039051.D

Acq: 20 Mar 2023 19:17

Instrument :

BNA_M

ClientSampleId :

SV-TP4-0316RE

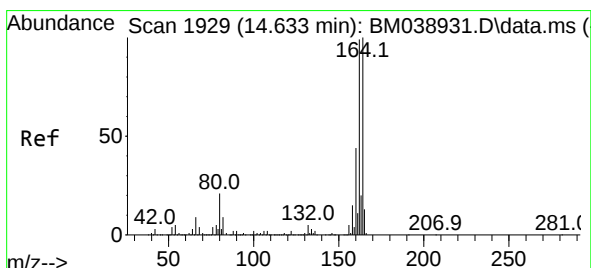
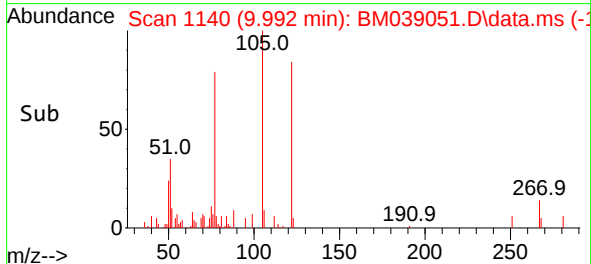
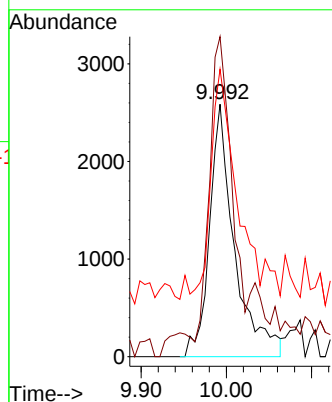
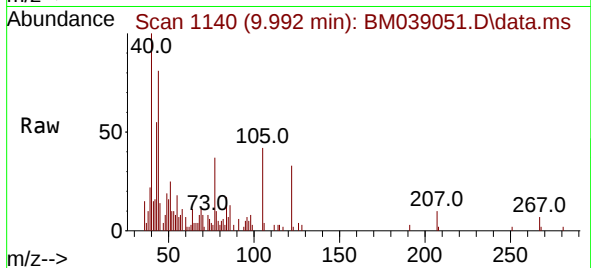
Tgt Ion:122 Resp: 5275

Ion Ratio Lower Upper

122 100

105 126.7 104.2 144.2

77 113.9 75.1 115.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BM039051.D

Acq: 20 Mar 2023 19:17

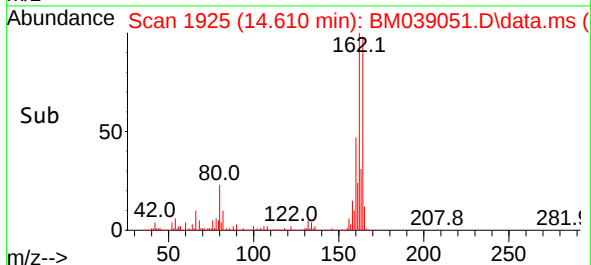
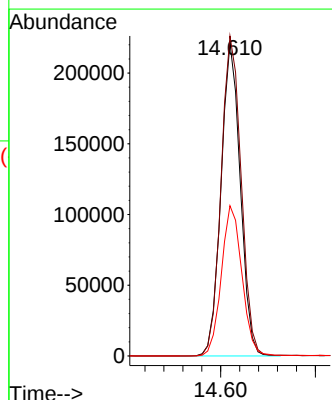
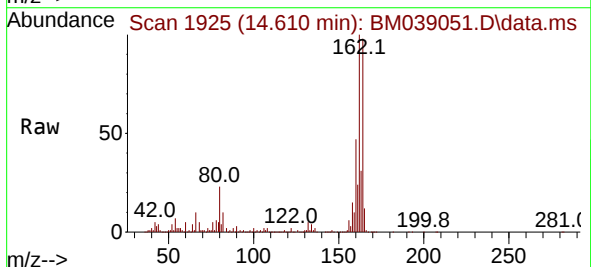
Tgt Ion:164 Resp: 312549

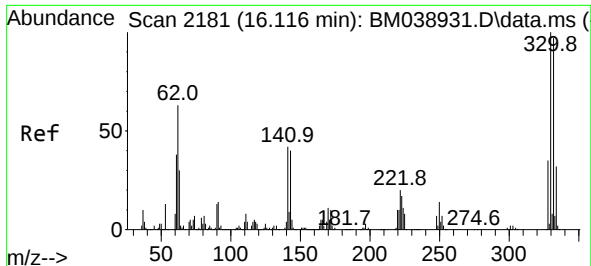
Ion Ratio Lower Upper

164 100

162 102.2 79.2 118.8

160 48.0 35.5 53.3

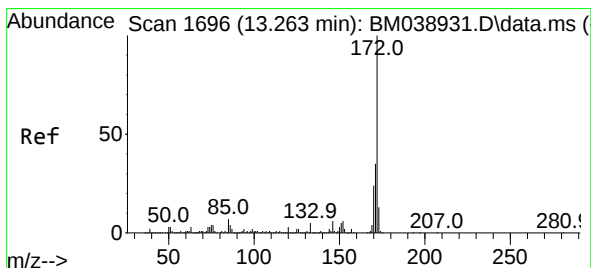
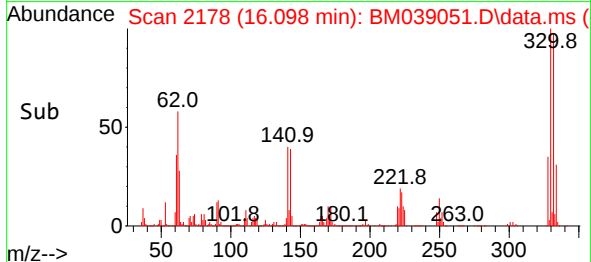
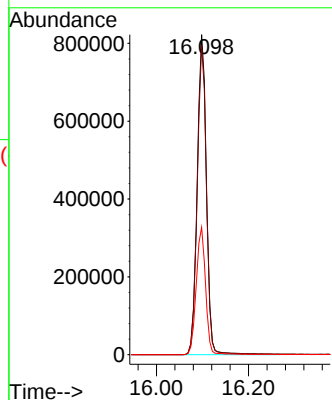
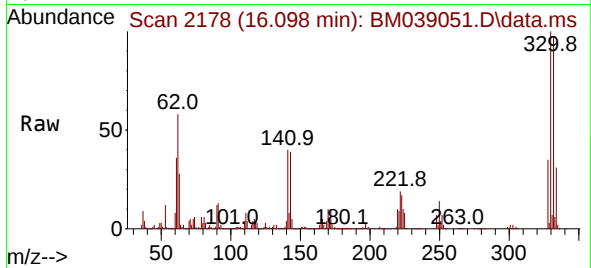




#42
2,4,6-Tribromophenol
Concen: 316.672 ng
RT: 16.098 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

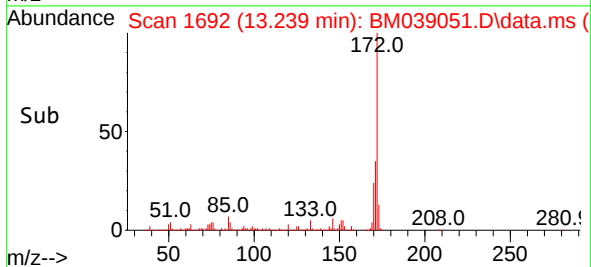
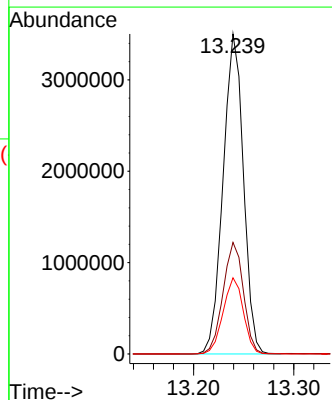
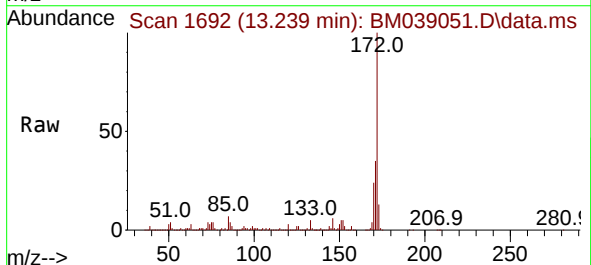
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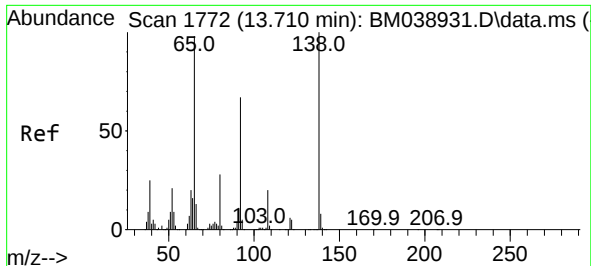
Tgt Ion:330 Resp: 1144988
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 40.3 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 205.568 ng
RT: 13.239 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

Tgt Ion:172 Resp: 4935484
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.8 19.1 28.7

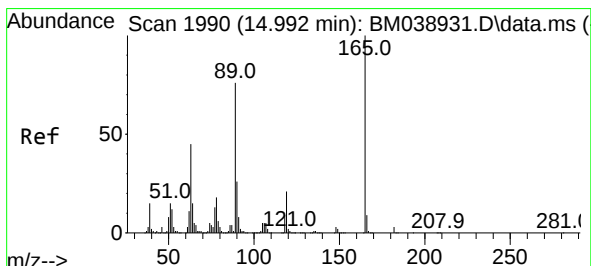
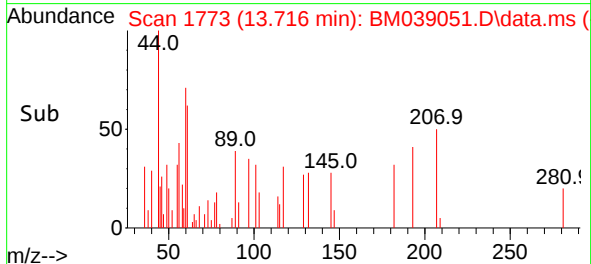
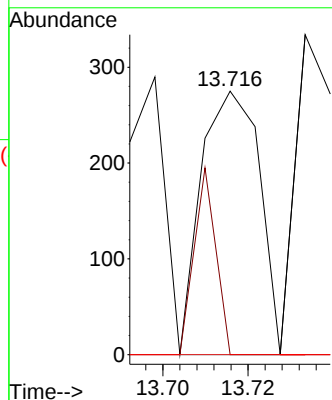
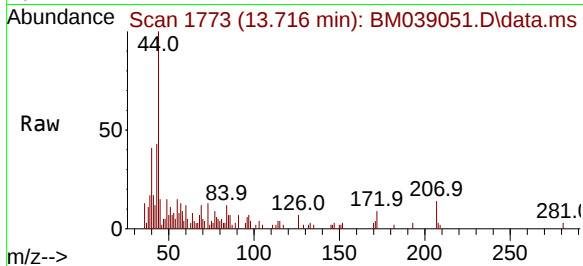




#48
2-Nitroaniline
Concen: 2.254 ng
RT: 13.716 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

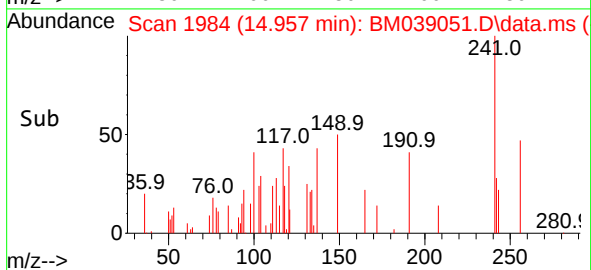
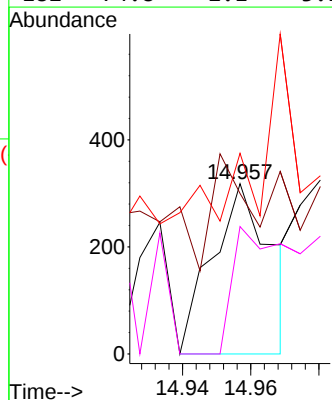
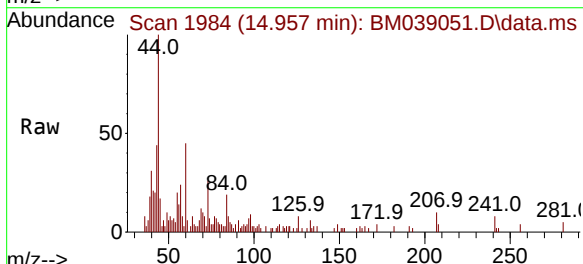
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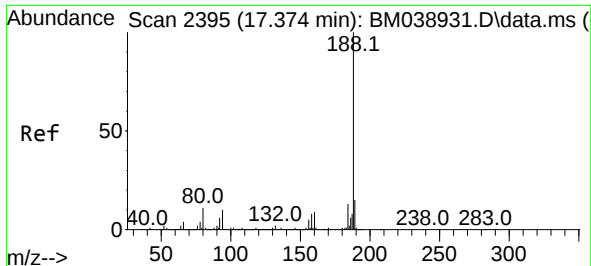
Tgt Ion: 65 Resp: 261
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#



#57
2,4-Dinitrotoluene
Concen: 2.123 ng
RT: 14.957 min Scan# 1984
Delta R.T. -0.017 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

Tgt Ion: 165 Resp: 380
Ion Ratio Lower Upper
165 100
63 94.3 35.9 53.9#
89 117.9 61.0 91.6#
182 74.8 2.1 3.1#

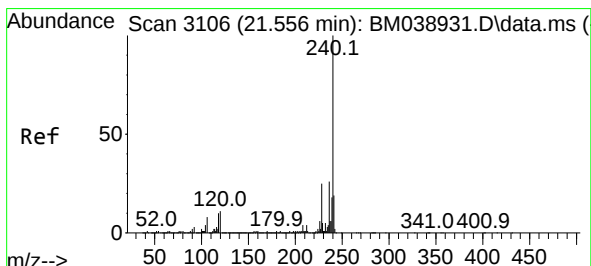
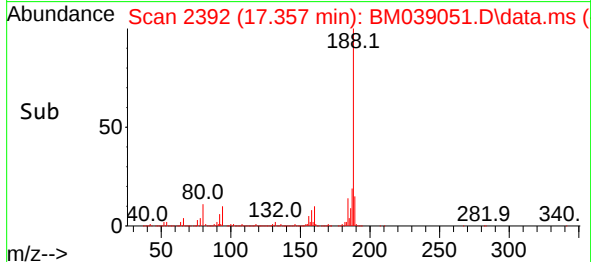
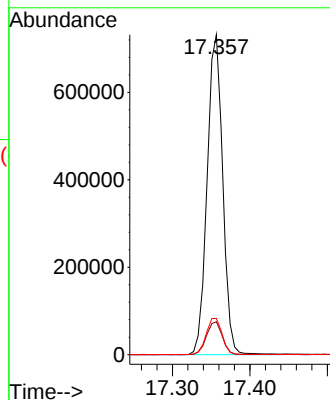
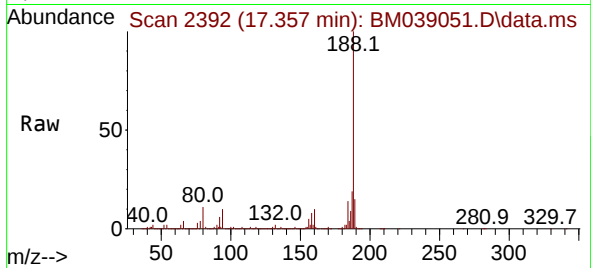




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

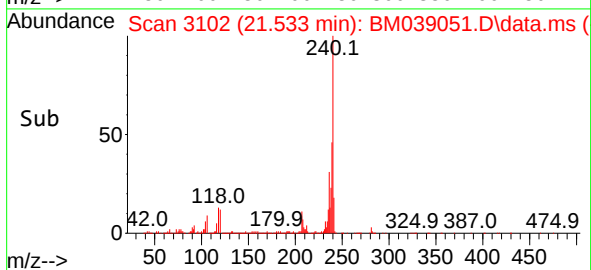
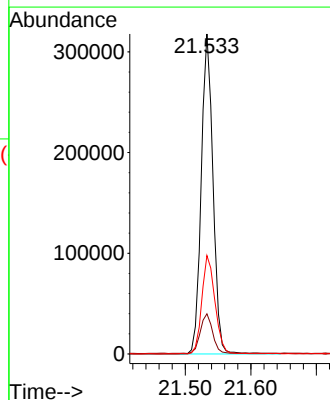
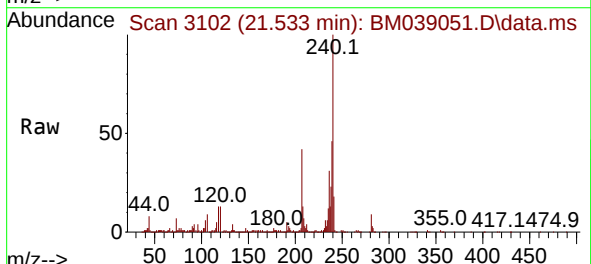
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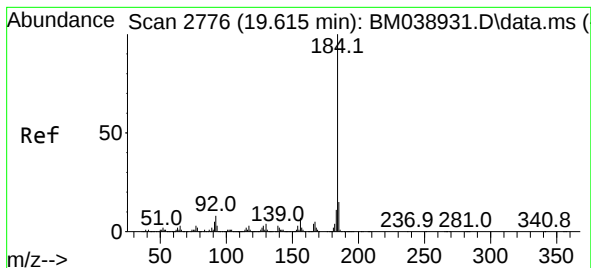
Tgt Ion:188 Resp: 1022005
Ion Ratio Lower Upper
188 100
94 10.3 7.9 11.9
80 11.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

Tgt Ion:240 Resp: 397511
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 30.7 20.8 31.2





#77

Benzidine

Concen: 4.926 ng

RT: 19.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039051.D

Acq: 20 Mar 2023 19:17

Instrument :

BNA_M

ClientSampleId :

SV-TP4-0316RE

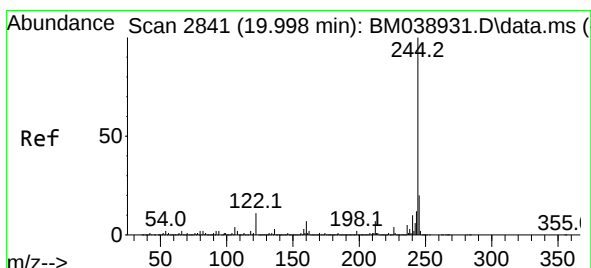
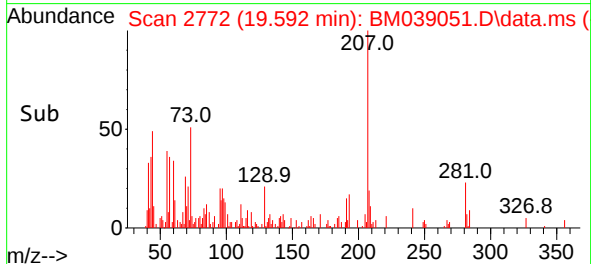
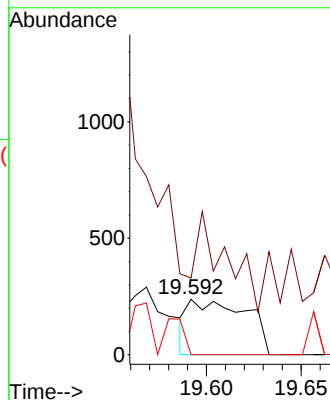
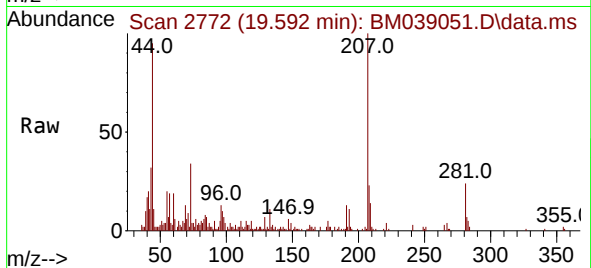
Tgt Ion:184 Resp: 503

Ion Ratio Lower Upper

184 100

185 138.2 12.2 18.4#

183 0.0 8.8 13.2#



#79

Terphenyl-d14

Concen: 255.583 ng

RT: 19.980 min Scan# 2838

Delta R.T. 0.000 min

Lab File: BM039051.D

Acq: 20 Mar 2023 19:17

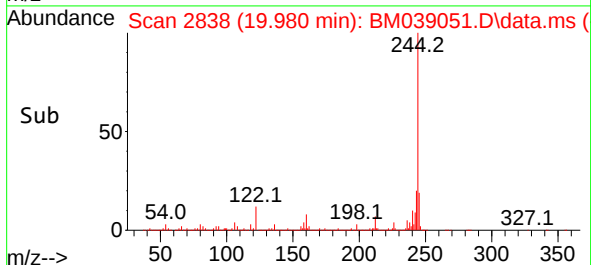
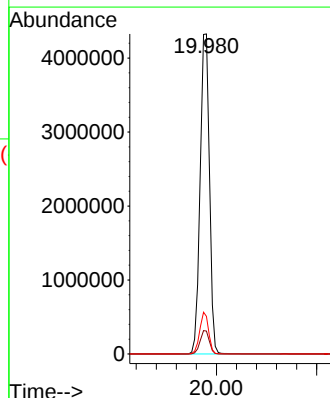
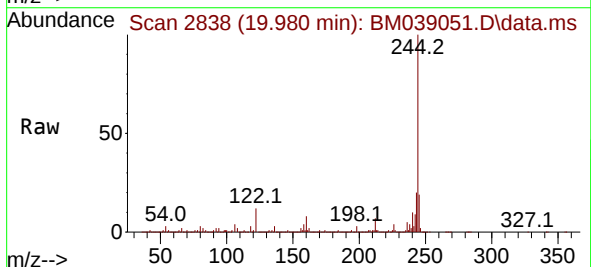
Tgt Ion:244 Resp: 5556816

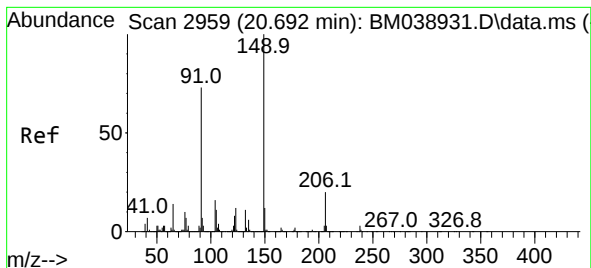
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.7 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.358 ng

RT: 20.756 min Scan# 2959

Delta R.T. 0.083 min

Lab File: BM039051.D

Acq: 20 Mar 2023 19:17

Instrument :

BNA_M

ClientSampleId :

SV-TP4-0316RE

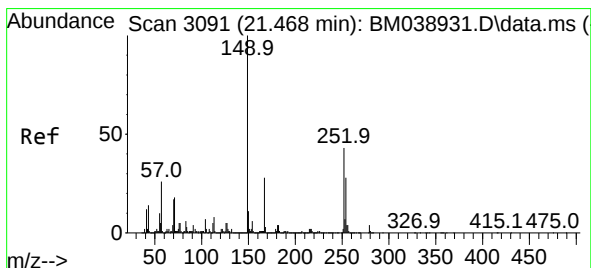
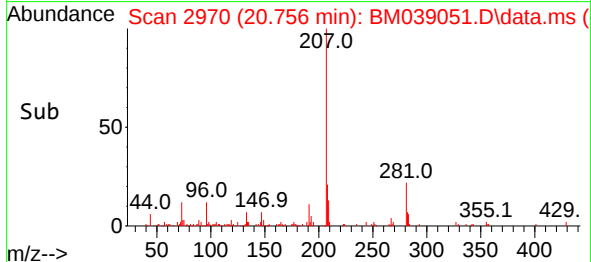
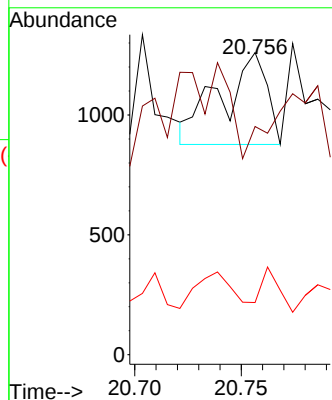
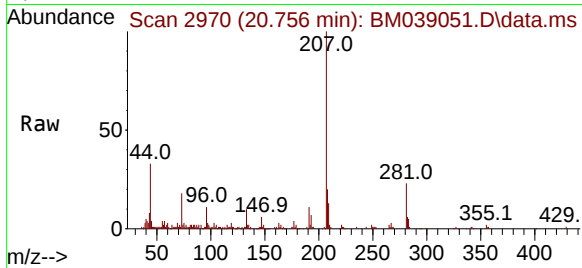
Tgt Ion:149 Resp: 573

Ion Ratio Lower Upper

149 100

91 75.6 58.4 87.6

206 17.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.837 ng

RT: 21.445 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BM039051.D

Acq: 20 Mar 2023 19:17

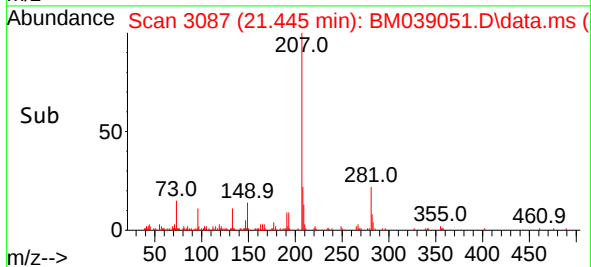
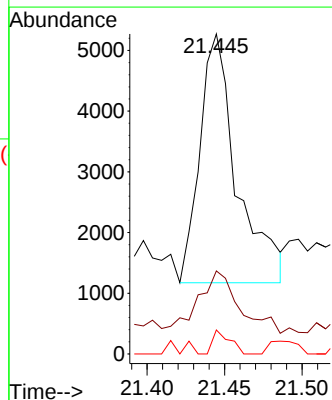
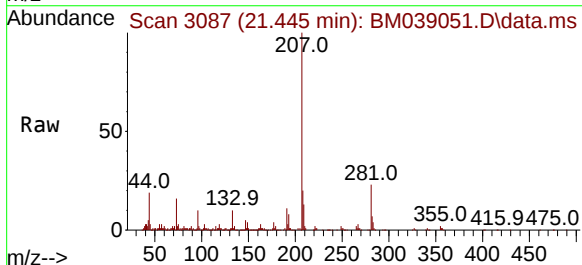
Tgt Ion:149 Resp: 6810

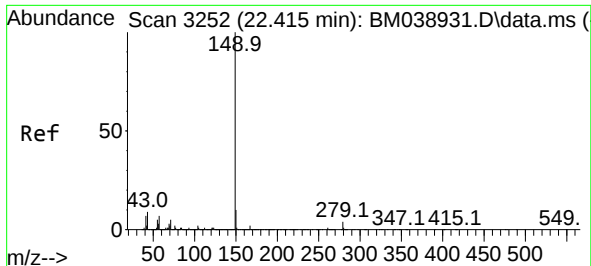
Ion Ratio Lower Upper

149 100

167 25.9 22.3 33.5

279 7.5 3.2 4.8#

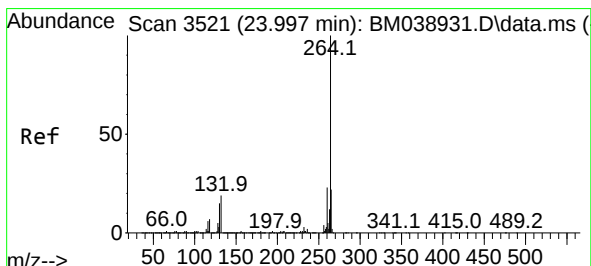
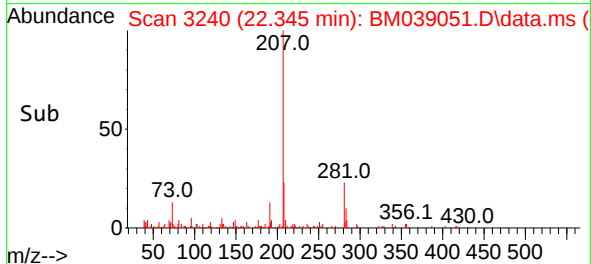
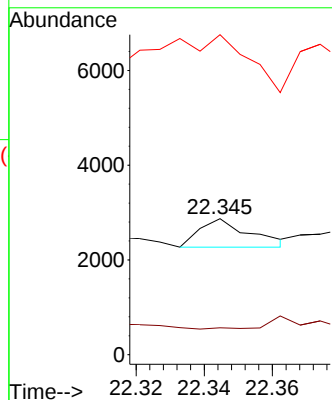
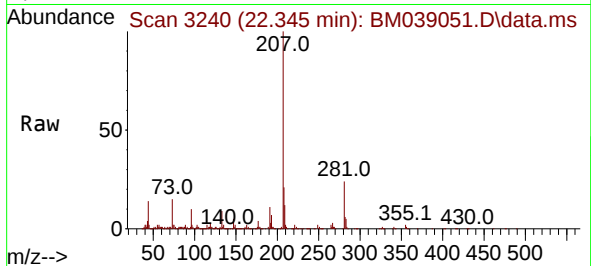




#85
Di-n-octyl phthalate
Concen: 3.815 ng
RT: 22.345 min Scan# 311
Delta R.T. -0.047 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

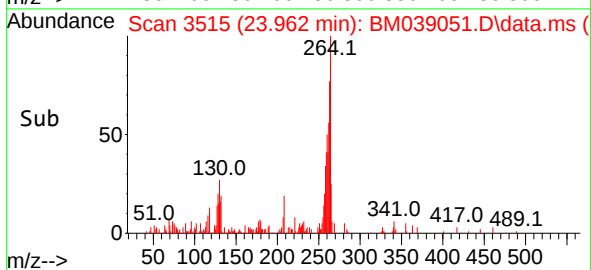
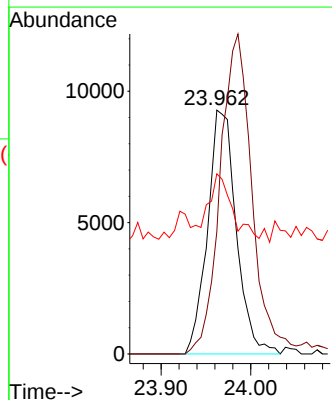
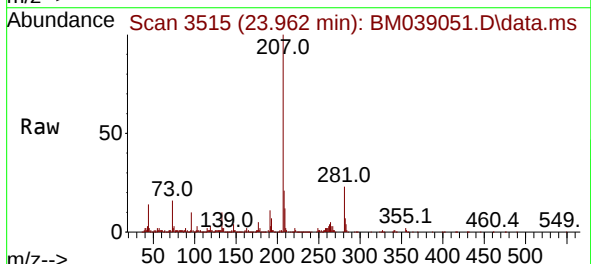
Instrument :
BNA_M
ClientSampleId :
SV-TP4-0316RE

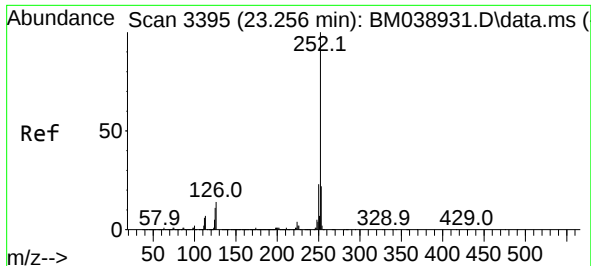
Tgt Ion:149 Resp: 616
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 317.9 7.4 11.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 3515
Delta R.T. -0.017 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

Tgt Ion:264 Resp: 20597
Ion Ratio Lower Upper
264 100
260 50.2 18.7 28.1#
265 73.9 17.9 26.9#

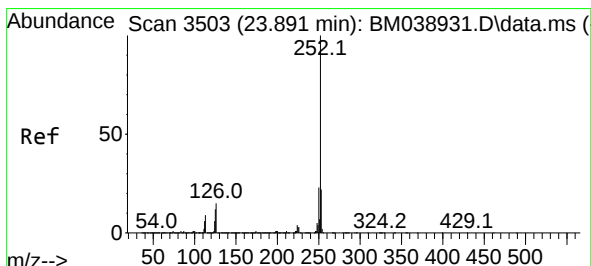
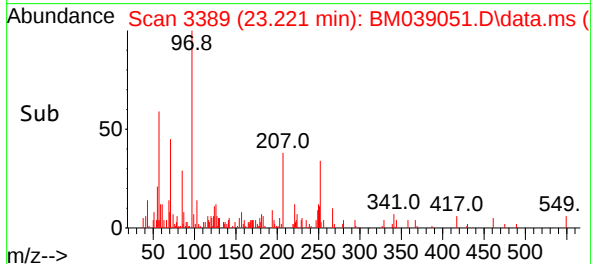
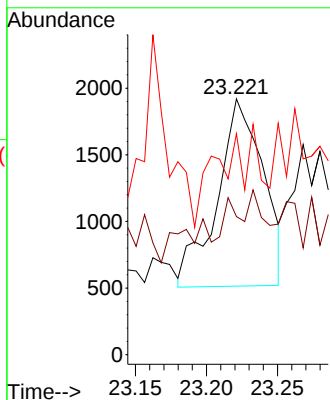
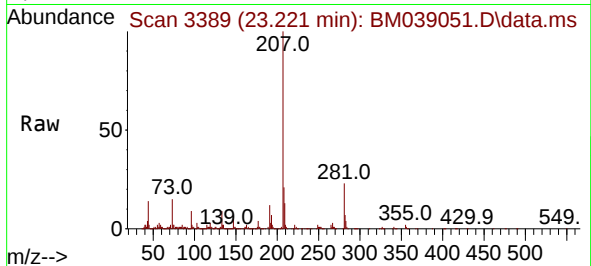




#88
Benzo(b)fluoranthene
Concen: 2.404 ng
RT: 23.221 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

Instrument :
BNA_M
ClientSampleId :
SV-TP4-0316RE

Tgt Ion:252 Resp: 3163
Ion Ratio Lower Upper
252 100
253 54.0 17.6 26.4#
125 86.4 8.8 13.2#



#90
Benzo(a)pyrene
Concen: 2.028 ng
RT: 23.850 min Scan# 3496
Delta R.T. -0.023 min
Lab File: BM039051.D
Acq: 20 Mar 2023 19:17

Tgt Ion:252 Resp: 2568
Ion Ratio Lower Upper
252 100
253 87.6 17.6 26.4#
125 86.9 9.8 14.8#

