

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039048.D
 Acq On : 20 Mar 2023 17:24
 Operator : CG/JU
 Sample : 01965-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

Quant Time: Mar 21 01:45:01 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)

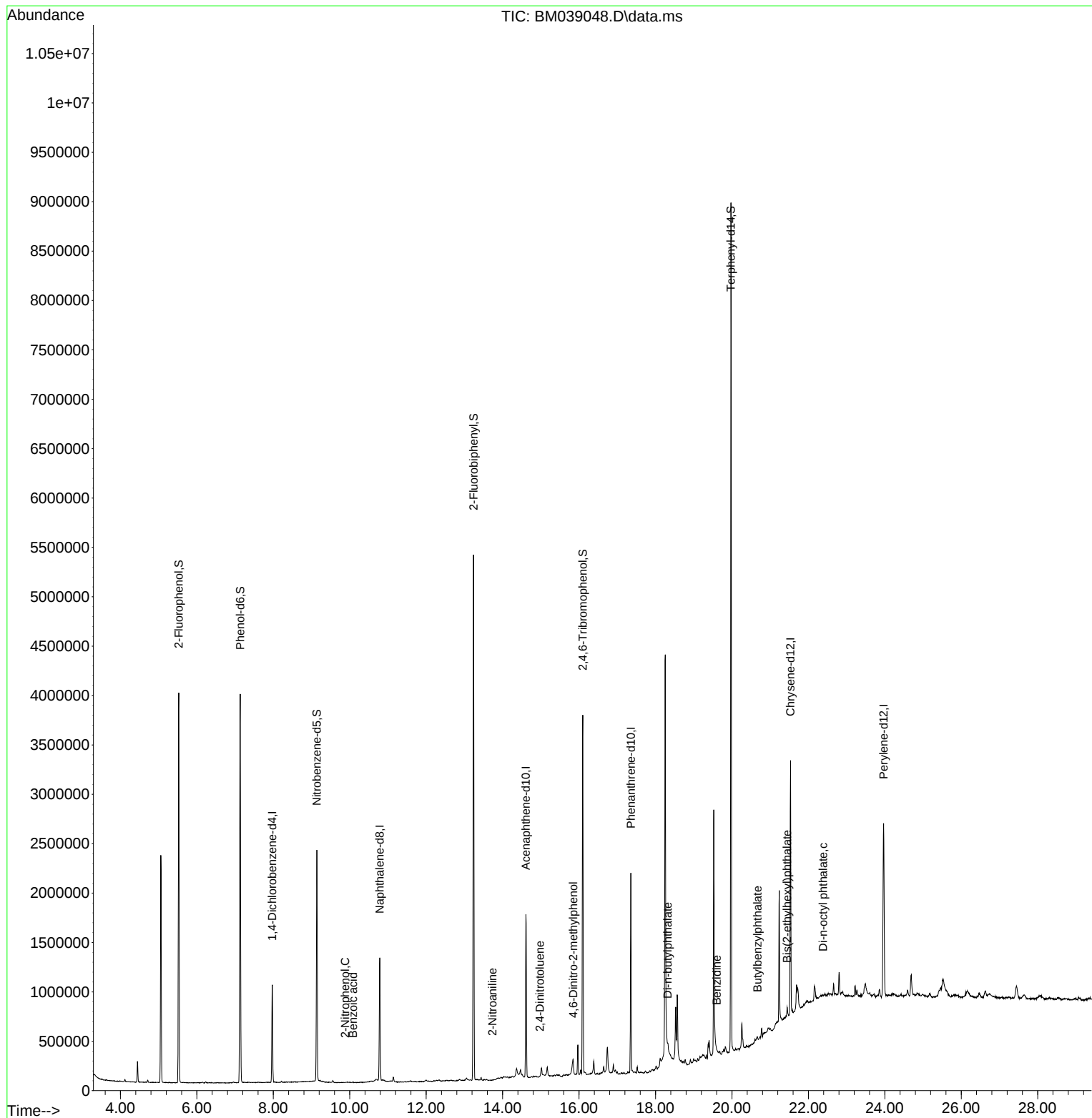
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	257890	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	998948	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	544633	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1134830	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1123226	20.000	ng	0.00
86) Perylene-d12	23.968	264	1278485	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1651214	97.277	ng	0.00
7) Phenol-d6	7.134	99	2165653	98.224	ng	0.00
23) Nitrobenzene-d5	9.139	82	1296835	63.769	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	567083	90.005	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	2509692	59.987	ng	0.00
79) Terphenyl-d14	19.974	244	3802700	61.898	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.881	139	54	2.996	ng	# 1
32) Benzoic acid	10.086	122	205	5.748	ng	# 19
48) 2-Nitroaniline	13.733	65	775	2.282	ng	# 46
57) 2,4-Dinitrotoluene	14.974	165	895	2.141	ng	# 89
65) 4,6-Dinitro-2-methylph...	15.851	198	64	5.096	ng	# 1
74) Di-n-butylphthalate	18.321	149	24341	2.115	ng	# 91
77) Benzidine	19.604	184	174	4.882	ng	# 1
80) Butylbenzylphthalate	20.668	149	2409	3.378	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.445	149	23111	2.908	ng	# 93
85) Di-n-octyl phthalate	22.386	149	2580	3.824	ng	# 1

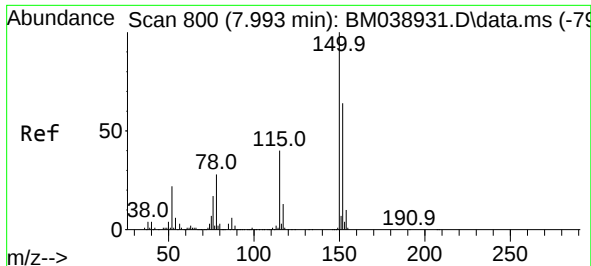
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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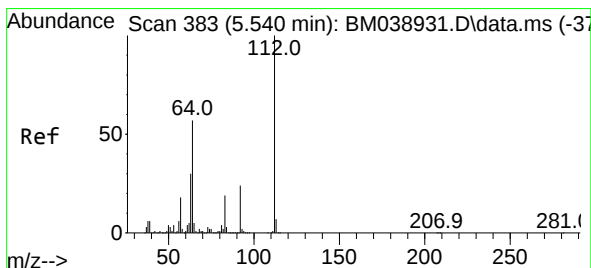
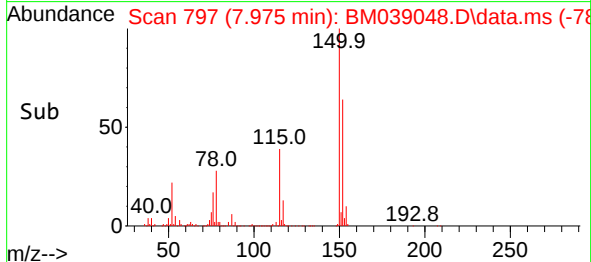
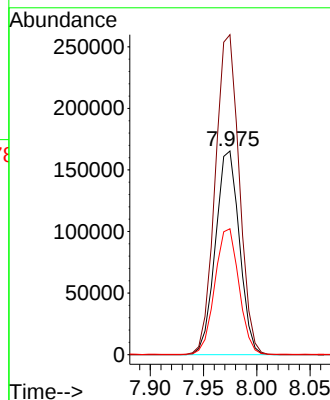
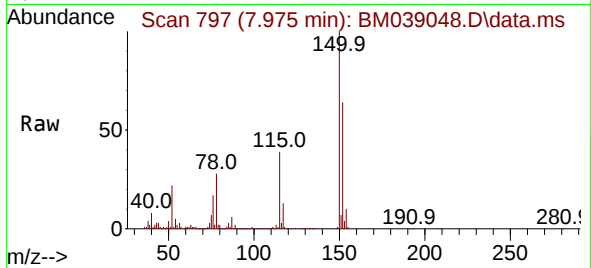




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.975 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BM039048.D
 Acq: 20 Mar 2023 17:24

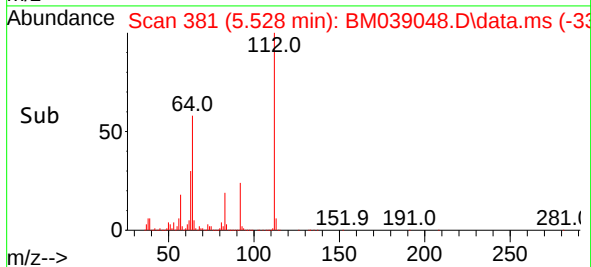
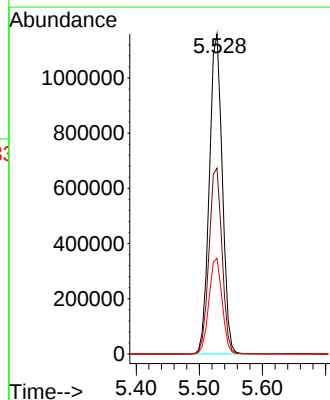
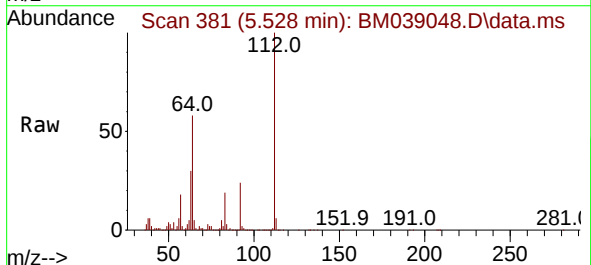
Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

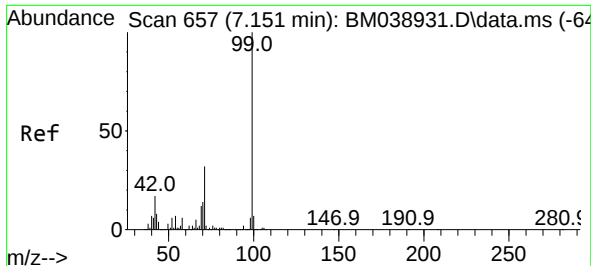
Tgt Ion:152 Resp: 257890
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.1 187.7
 115 61.8 49.6 74.4



#5
 2-Fluorophenol
 Concen: 97.277 ng
 RT: 5.528 min Scan# 381
 Delta R.T. 0.000 min
 Lab File: BM039048.D
 Acq: 20 Mar 2023 17:24

Tgt Ion:112 Resp: 1651214
 Ion Ratio Lower Upper
 112 100
 64 58.1 45.9 68.9
 63 29.9 23.8 35.8



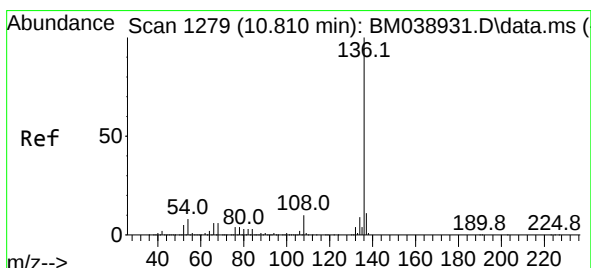
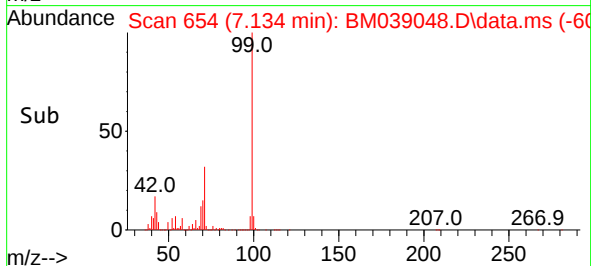
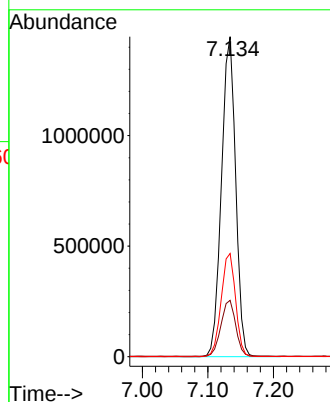
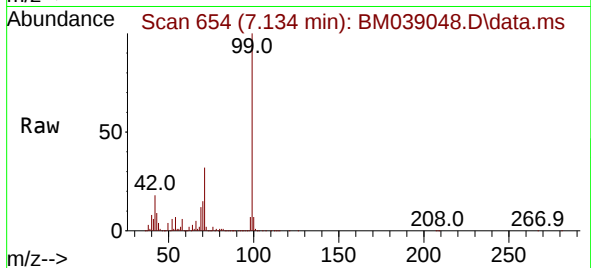


#7
Phenol-d6
Concen: 98.224 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 2165653

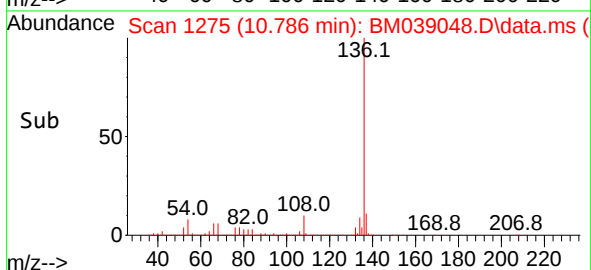
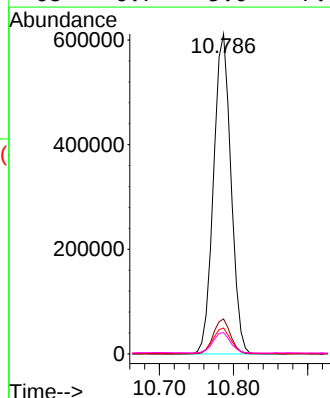
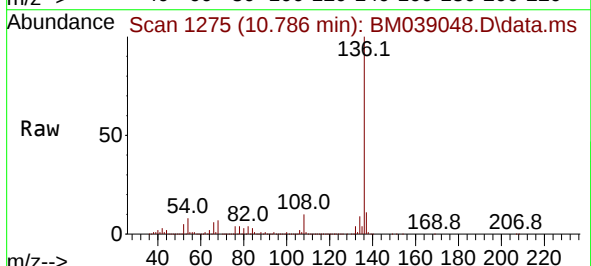
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	32.2	25.6	38.4

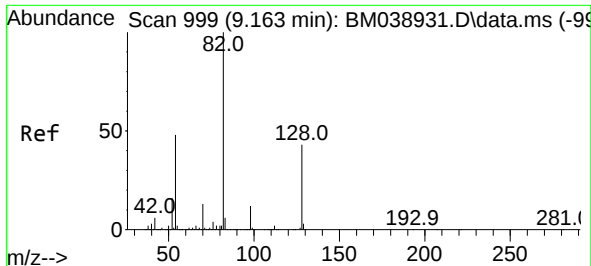


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Tgt Ion: 136 Resp: 998948

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.1	6.3	9.5
68	6.7	5.0	7.6

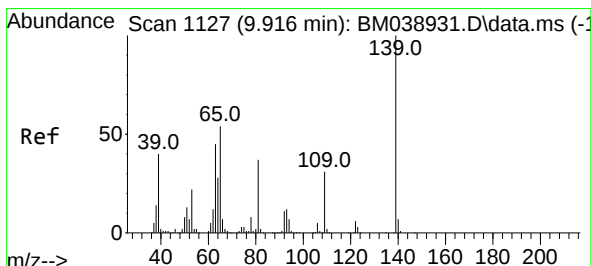
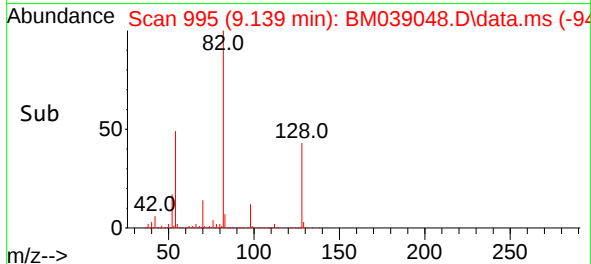
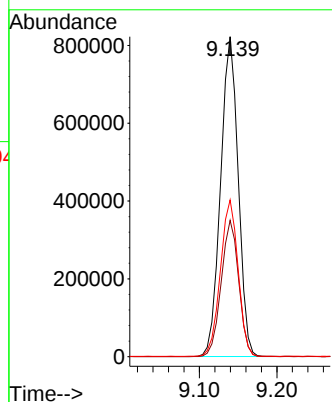
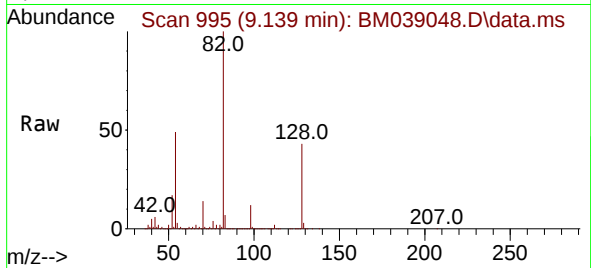




#23
Nitrobenzene-d5
Concen: 63.769 ng
RT: 9.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

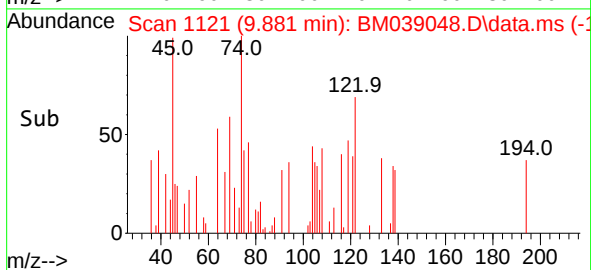
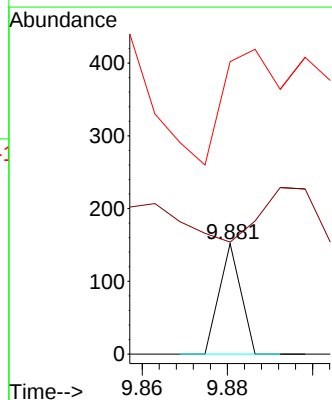
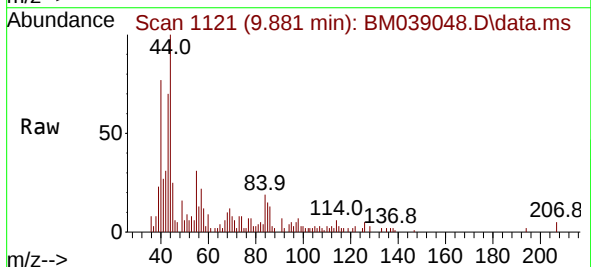
Instrument :
BNA_M
ClientSampleId :
COMP-1

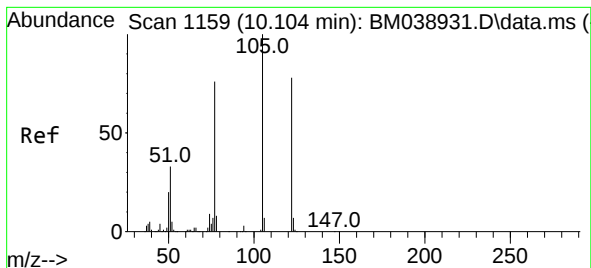
Tgt Ion: 82 Resp: 1296835
Ion Ratio Lower Upper
82 100
128 42.6 34.4 51.6
54 49.0 38.8 58.2



#26
2-Nitrophenol
Concen: 2.996 ng
RT: 9.881 min Scan# 1121
Delta R.T. -0.018 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Tgt Ion: 139 Resp: 54
Ion Ratio Lower Upper
139 100
109 101.3 24.5 36.7#
65 264.5 43.0 64.6#





#32

Benzoic acid

Concen: 5.748 ng

RT: 10.086 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BM039048.D

Acq: 20 Mar 2023 17:24

Instrument :

BNA_M

ClientSampleId :

COMP-1

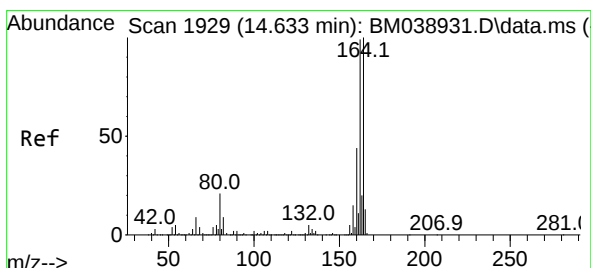
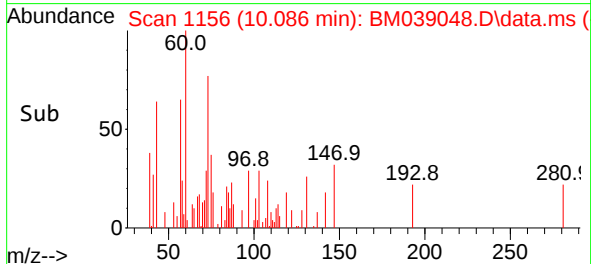
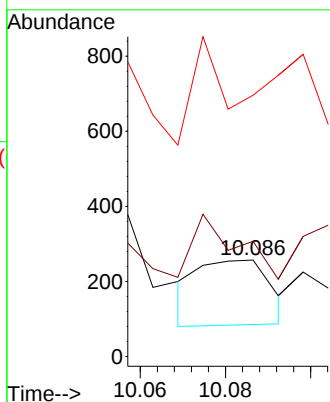
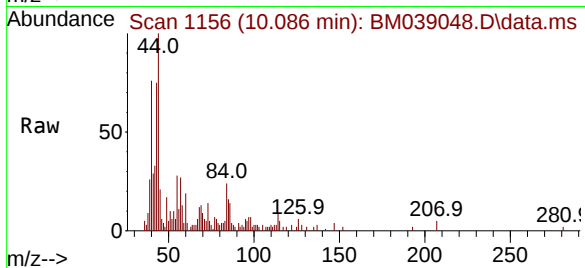
Tgt Ion:122 Resp: 205

Ion Ratio Lower Upper

122 100

105 119.5 104.2 144.2

77 270.8 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: BM039048.D

Acq: 20 Mar 2023 17:24

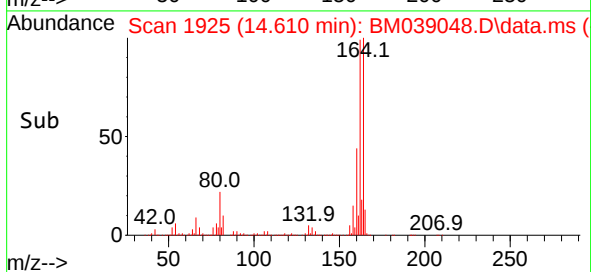
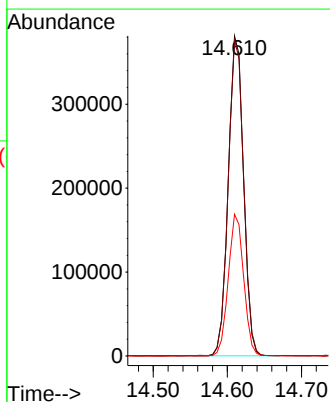
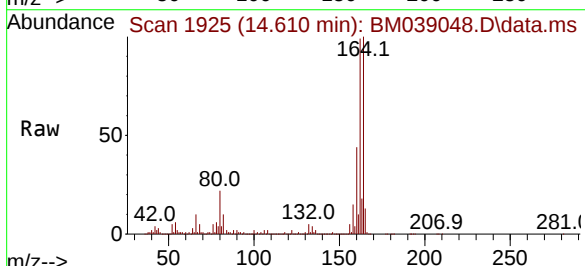
Tgt Ion:164 Resp: 544633

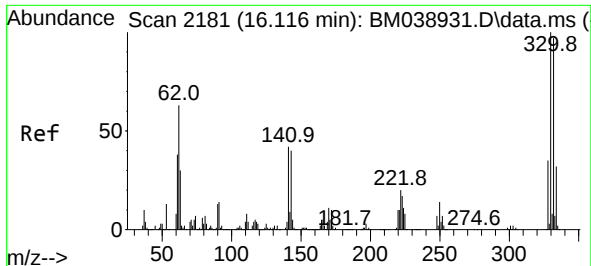
Ion Ratio Lower Upper

164 100

162 98.8 79.2 118.8

160 44.3 35.5 53.3

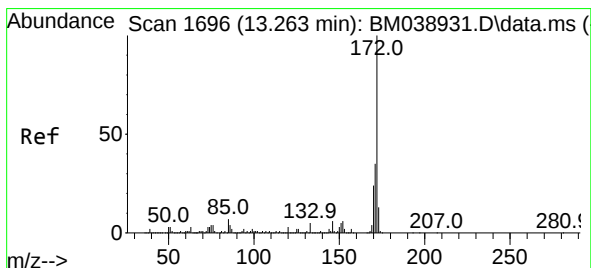
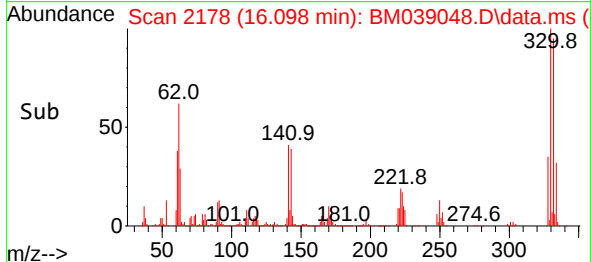
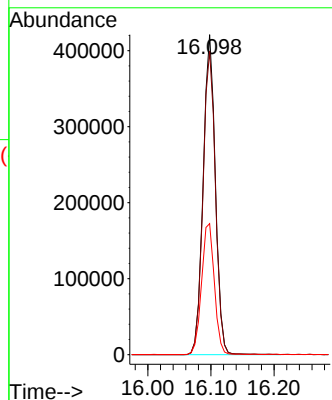
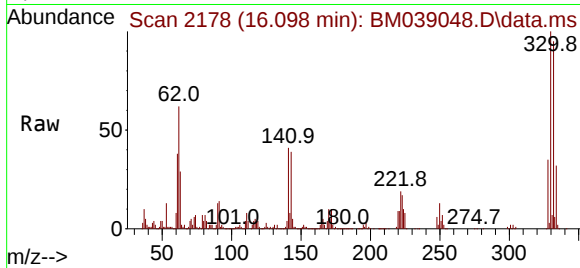




#42
2,4,6-Tribromophenol
Concen: 90.005 ng
RT: 16.098 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

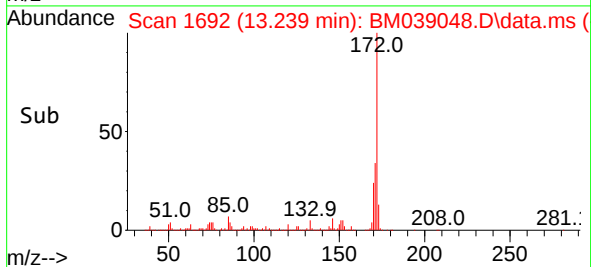
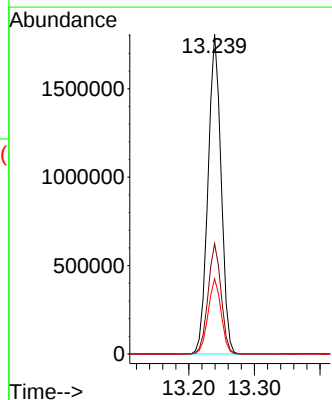
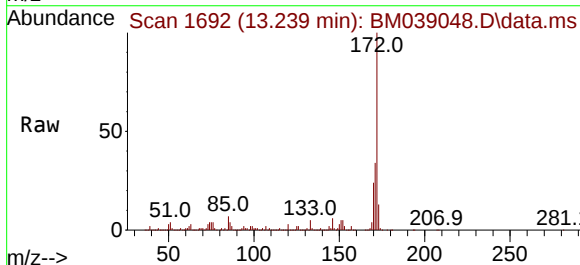
Instrument :
BNA_M
ClientSampleId :
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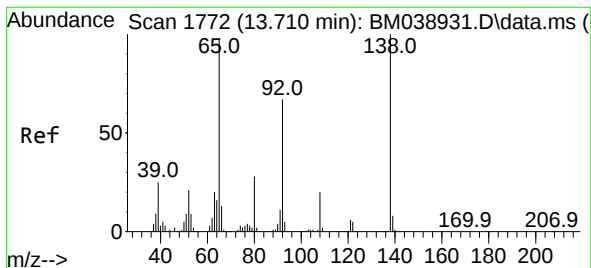
Tgt Ion:330 Resp: 567083
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 42.9 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 59.987 ng
RT: 13.239 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Tgt Ion:172 Resp: 2509692
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.5 19.1 28.7





#48

2-Nitroaniline

Concen: 2.282 ng

RT: 13.733 min Scan# 1

Delta R.T. 0.035 min

Lab File: BM039048.D

Acq: 20 Mar 2023 17:24

Instrument :

BNA_M

ClientSampleId :

COMP-1

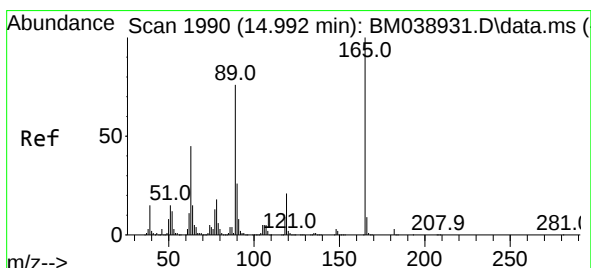
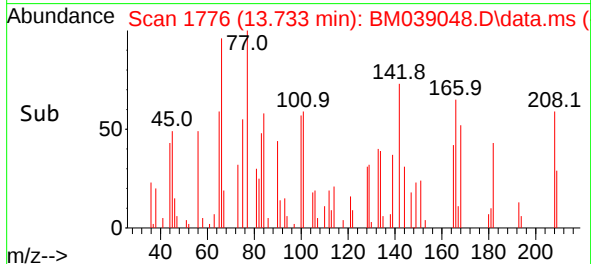
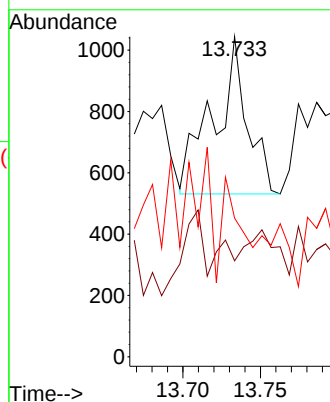
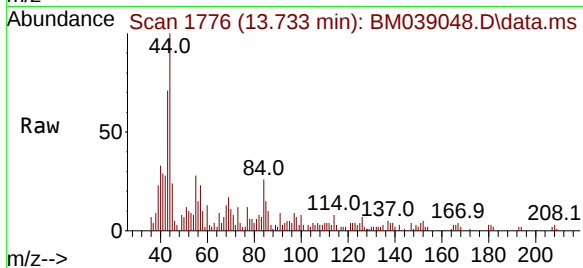
Tgt Ion: 65 Resp: 775

Ion Ratio Lower Upper

65 100

92 30.0 54.9 82.3#

138 43.3 81.6 122.4#



#57

2,4-Dinitrotoluene

Concen: 2.141 ng

RT: 14.974 min Scan# 1987

Delta R.T. 0.000 min

Lab File: BM039048.D

Acq: 20 Mar 2023 17:24

Tgt Ion: 165 Resp: 895

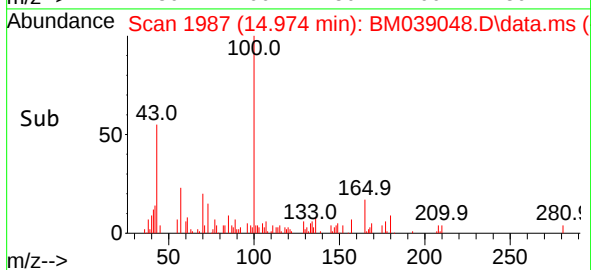
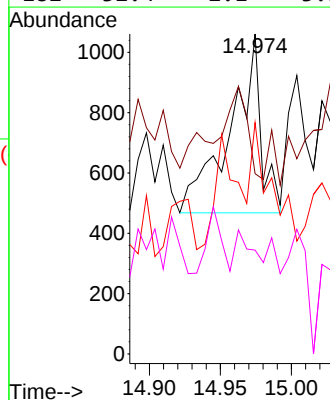
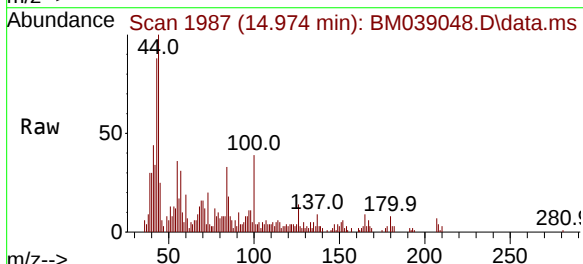
Ion Ratio Lower Upper

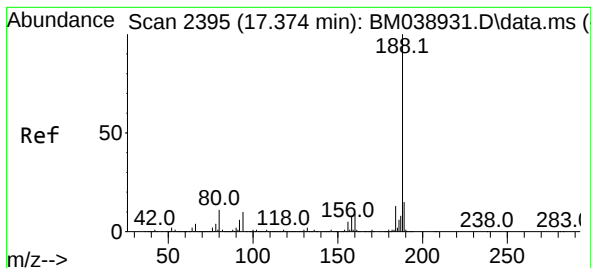
165 100

63 56.4 35.9 53.9#

89 72.3 61.0 91.6

182 32.4 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: BM039048.D

Acq: 20 Mar 2023 17:24

Instrument :

BNA_M

ClientSampleId :

COMP-1

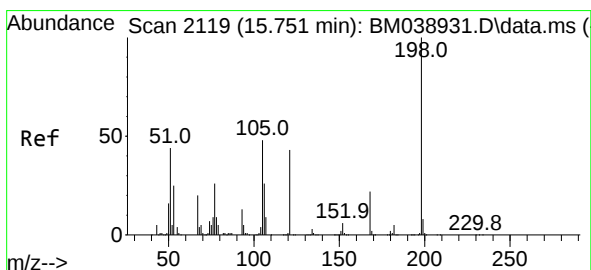
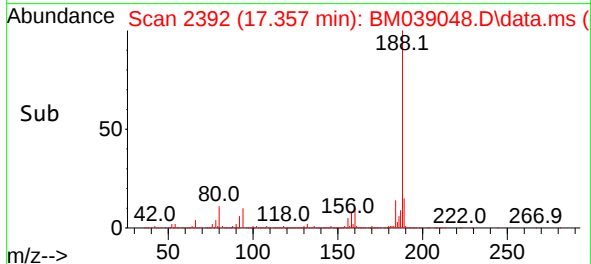
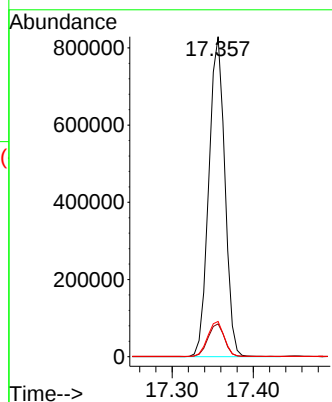
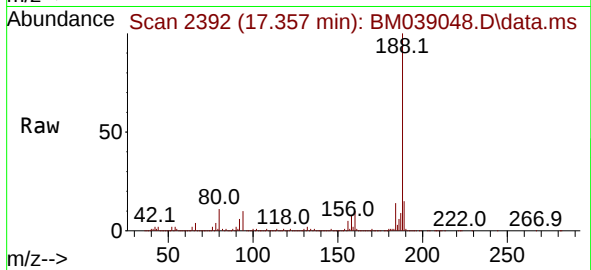
Tgt Ion:188 Resp: 1134830

Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 11.0 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 5.096 ng

RT: 15.851 min Scan# 2136

Delta R.T. 0.112 min

Lab File: BM039048.D

Acq: 20 Mar 2023 17:24

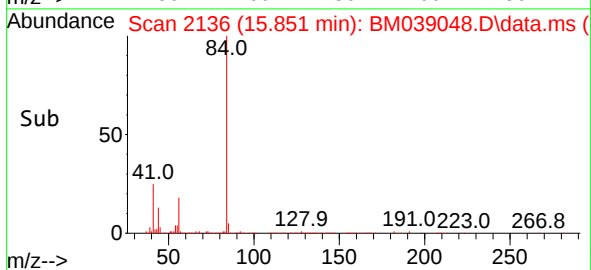
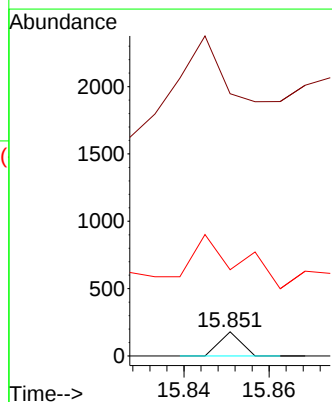
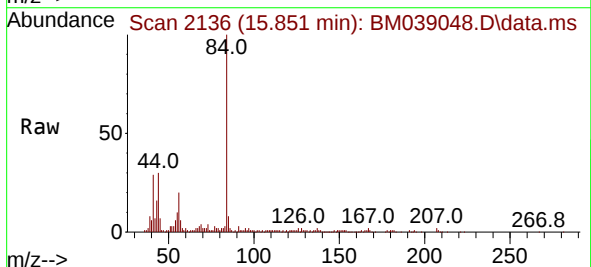
Tgt Ion:198 Resp: 64

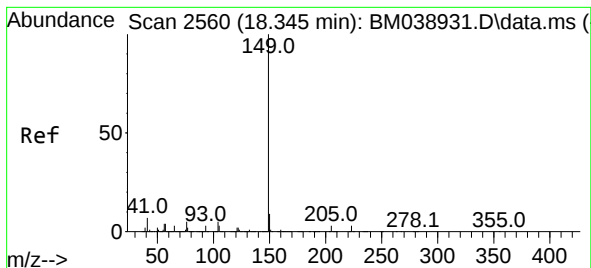
Ion Ratio Lower Upper

198 100

51 1081.7 30.1 70.1#

105 356.1 29.3 69.3#





#74

Di-n-butylphthalate

Concen: 2.115 ng

RT: 18.321 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039048.D

Acq: 20 Mar 2023 17:24

Instrument :

BNA_M

ClientSampleId :

COMP-1

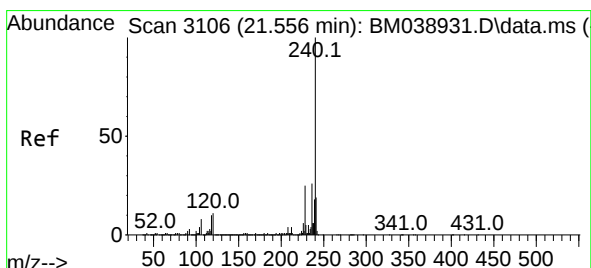
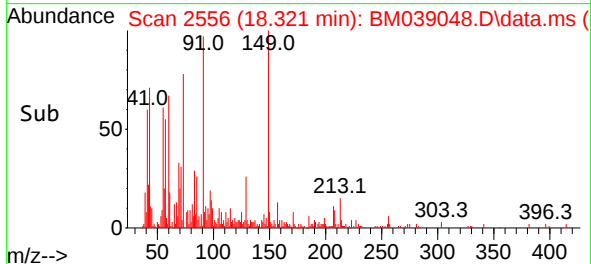
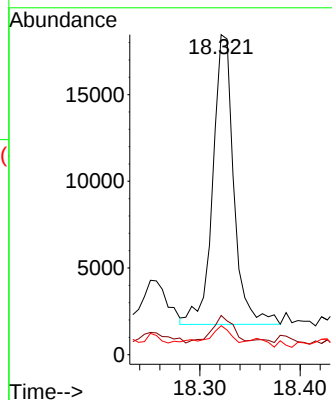
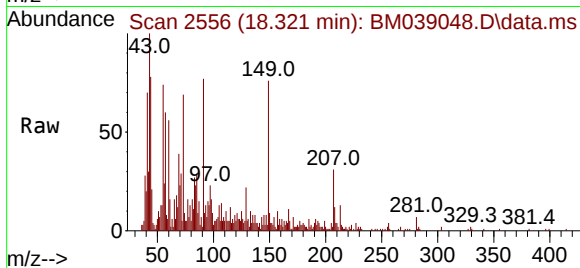
Tgt Ion:149 Resp: 24341

Ion Ratio Lower Upper

149 100

150 12.3 7.4 11.2#

104 9.1 4.3 6.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM039048.D

Acq: 20 Mar 2023 17:24

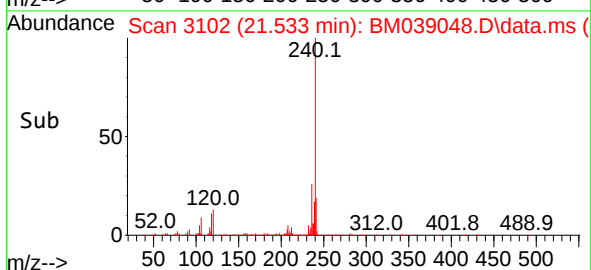
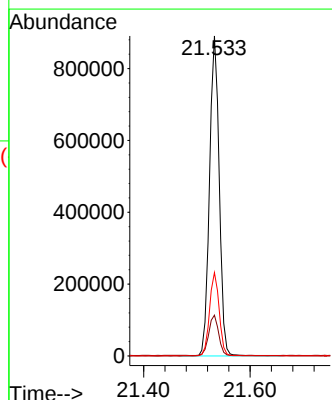
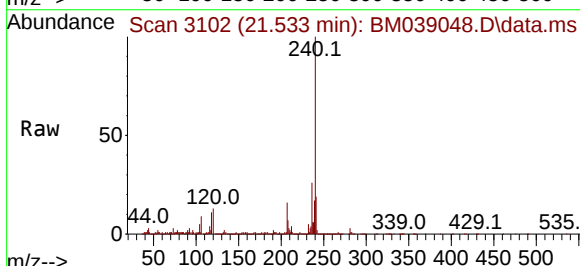
Tgt Ion:240 Resp: 1123226

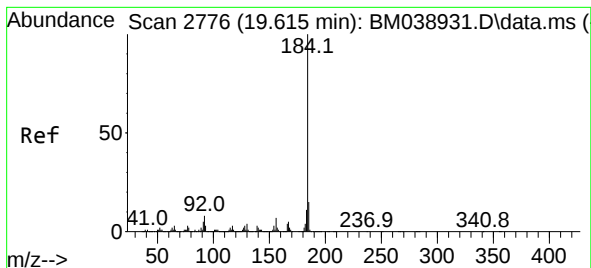
Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

236 26.0 20.8 31.2





#77

Benzidine

Concen: 4.882 ng

RT: 19.604 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039048.D

Acq: 20 Mar 2023 17:24

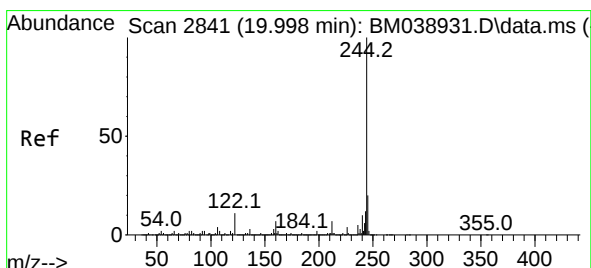
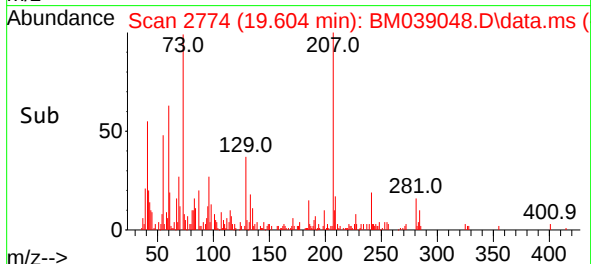
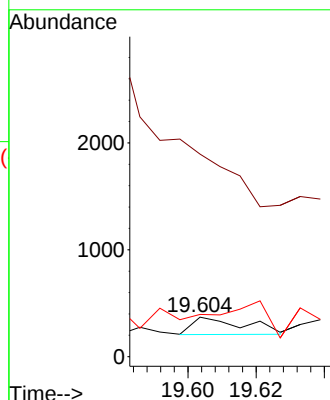
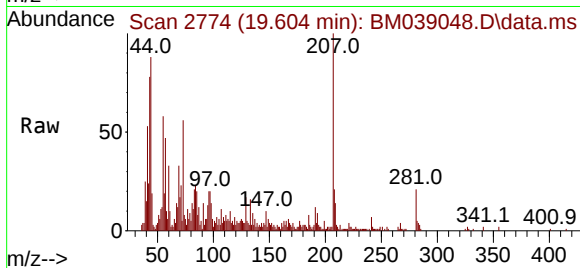
Instrument :

BNA_M

ClientSampleId :

COMP-1

Tgt Ion:184	Resp:	174
Ion Ratio	Lower	Upper
184	100	
185	512.2	12.2 18.4#
183	106.8	8.8 13.2#



#79

Terphenyl-d14

Concen: 61.898 ng

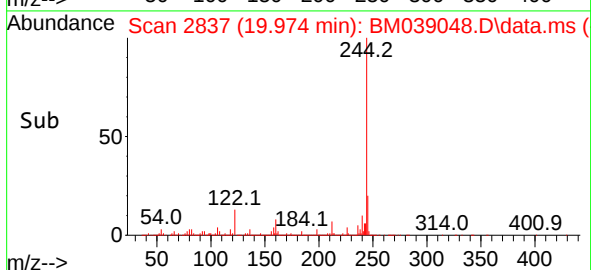
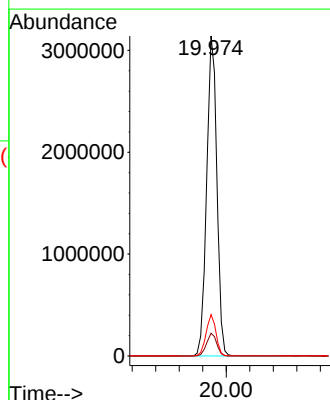
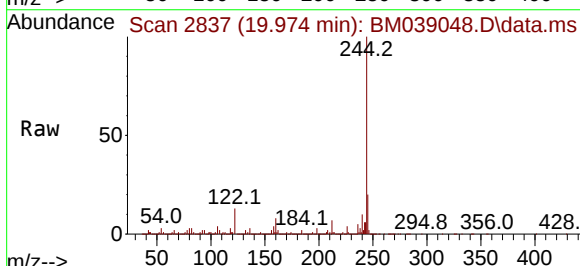
RT: 19.974 min Scan# 2837

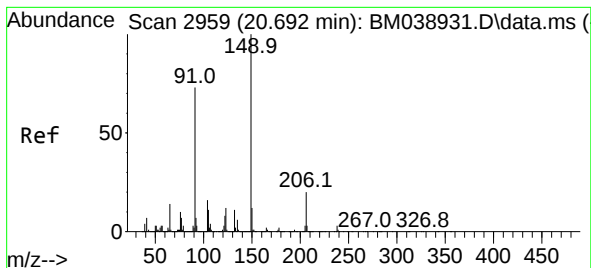
Delta R.T. -0.006 min

Lab File: BM039048.D

Acq: 20 Mar 2023 17:24

Tgt Ion:244	Resp:	3802700
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.5 8.3
122	12.9	9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.378 ng

RT: 20.668 min Scan# 2955

Delta R.T. -0.006 min

Lab File: BM039048.D

Acq: 20 Mar 2023 17:24

Instrument :

BNA_M

ClientSampleId :

COMP-1

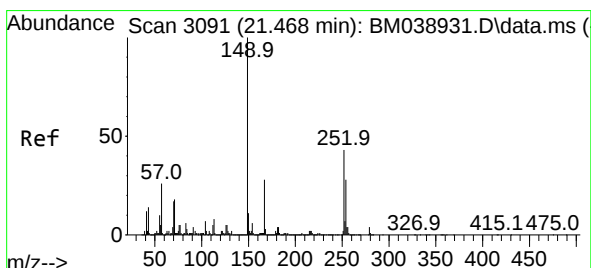
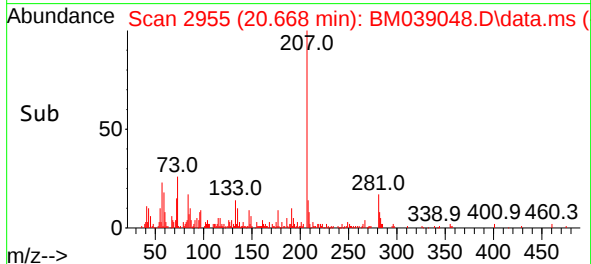
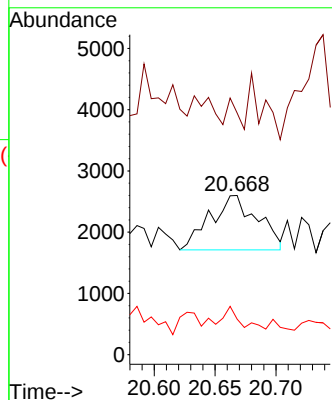
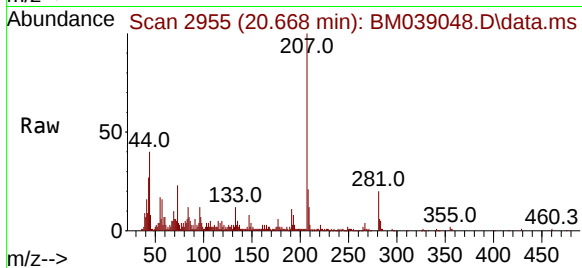
Tgt Ion:149 Resp: 2409

Ion Ratio Lower Upper

149 100

91 151.7 58.4 87.6#

206 22.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.908 ng

RT: 21.445 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BM039048.D

Acq: 20 Mar 2023 17:24

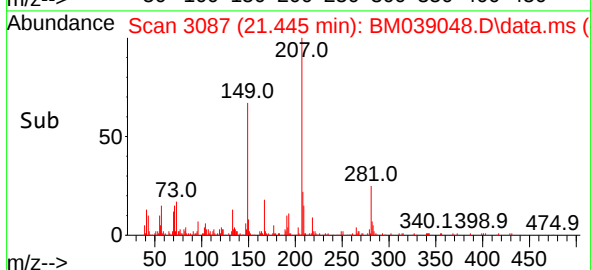
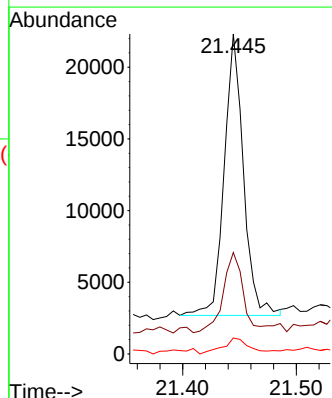
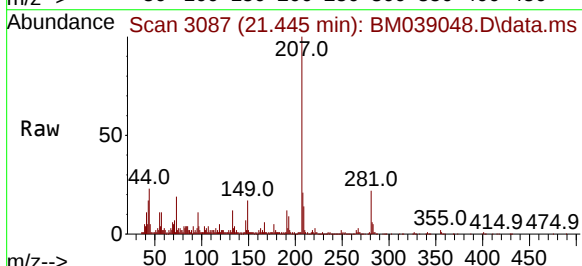
Tgt Ion:149 Resp: 23111

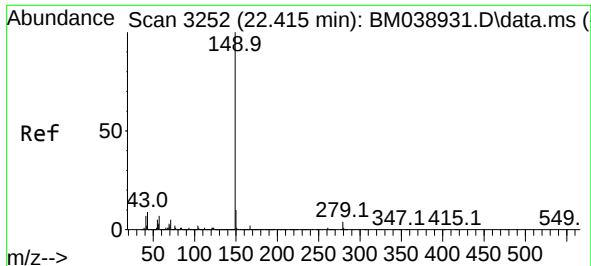
Ion Ratio Lower Upper

149 100

167 31.7 22.3 33.5

279 5.0 3.2 4.8#

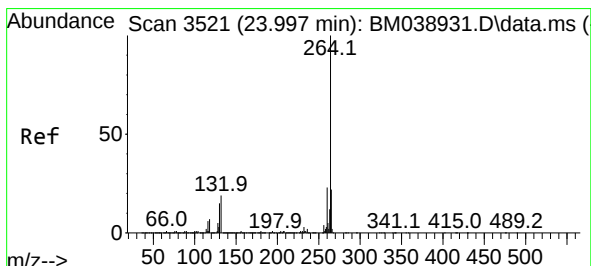
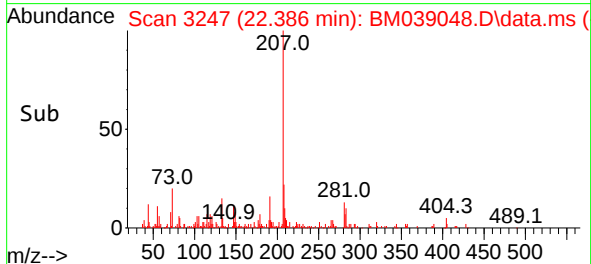
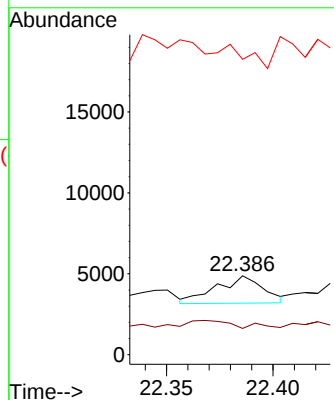
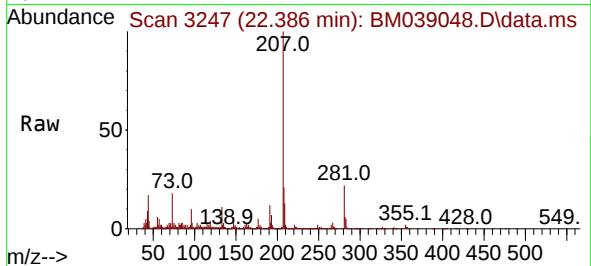




#85
Di-n-octyl phthalate
Concen: 3.824 ng
RT: 22.386 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:149 Resp: 2580
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 57.4 7.4 11.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.968 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BM039048.D
Acq: 20 Mar 2023 17:24

Tgt Ion:264 Resp: 1278485
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.0 17.9 26.9

