

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039072.D
 Acq On : 21 Mar 2023 17:02
 Operator : CG/JU
 Sample : 02020-31
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-4

Quant Time: Mar 22 03:42:02 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 22 03:36:20 2023
 Response via : Initial Calibration

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

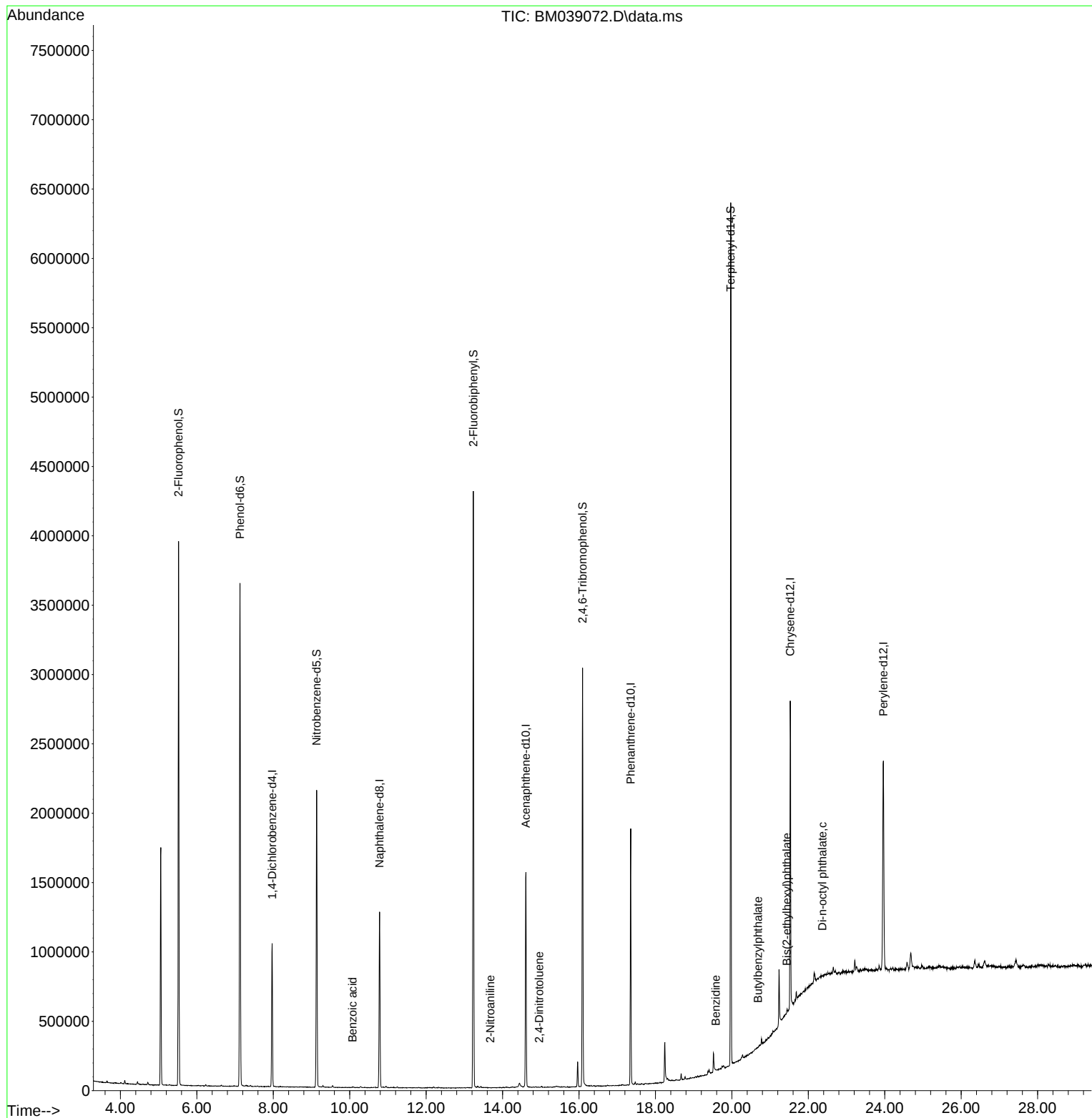
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	270295	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1010313	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	523195	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1032183	20.000	ng	0.00
76) Chrysene-d12	21.527	240	967435	20.000	ng	0.00
86) Perylene-d12	23.962	264	1106304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1654216	92.981	ng	0.00
7) Phenol-d6	7.128	99	2049644	88.696	ng	0.00
23) Nitrobenzene-d5	9.134	82	1170651	56.917	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	487300	80.512	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	2090250	52.009	ng	0.00
79) Terphenyl-d14	19.968	244	2775795	52.459	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.075	122	53	5.737	ng	# 1
48) 2-Nitroaniline	13.680	65	128	2.227	ng	# 6
57) 2,4-Dinitrotoluene	14.957	165	132	2.082	ng	# 27
77) Benzidine	19.580	184	321	4.889	ng	# 67
80) Butylbenzylphthalate	20.680	149	322	3.326	ng	88
84) Bis(2-ethylhexyl)phtha...	21.439	149	7619	2.647	ng	95
85) Di-n-octyl phthalate	22.368	149	2545	3.828	ng	# 74

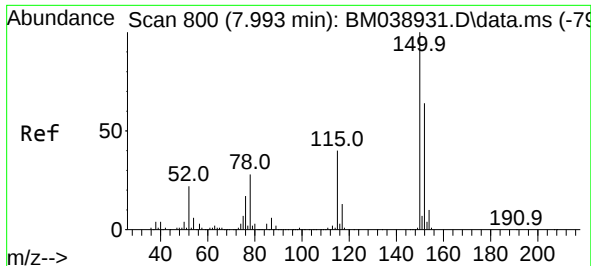
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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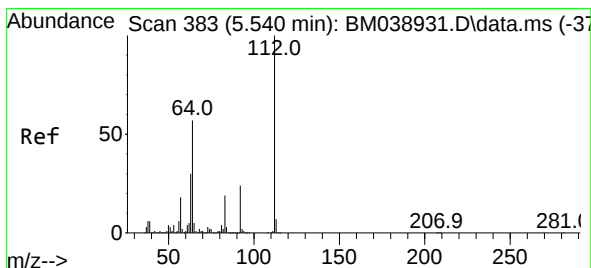
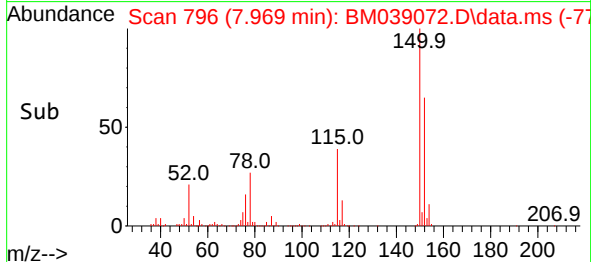
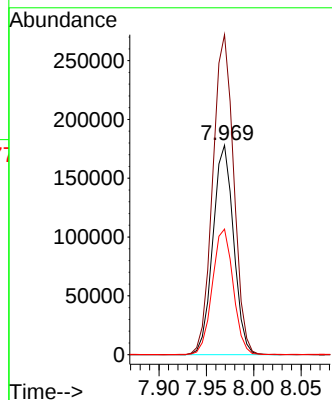
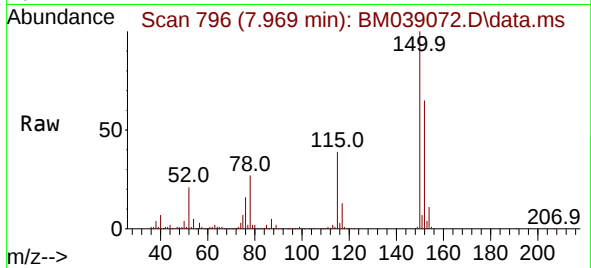




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

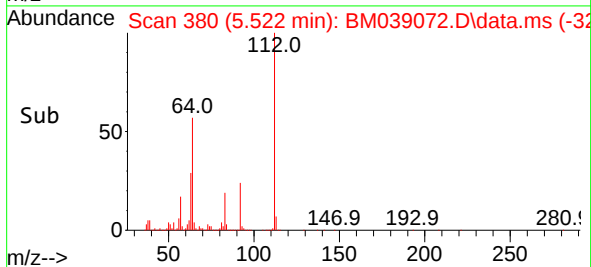
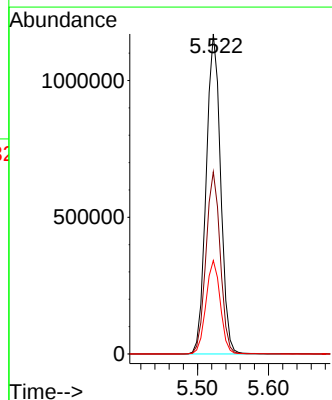
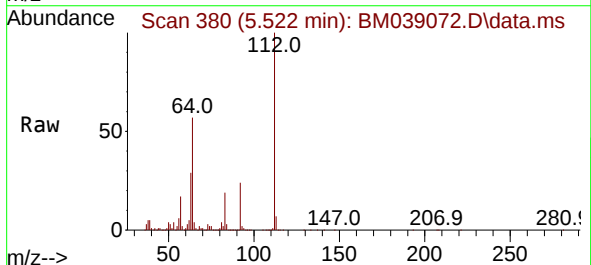
Instrument :
BNA_M
ClientSampleId :
SP-4

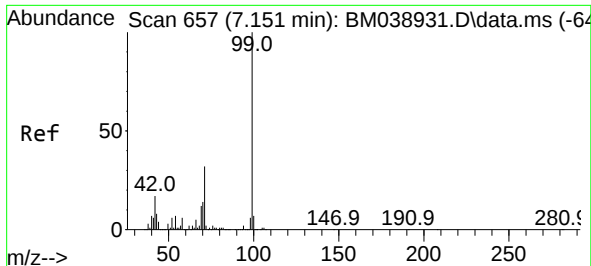
Tgt Ion:152 Resp: 270295
Ion Ratio Lower Upper
152 100
150 152.8 125.1 187.7
115 60.0 49.6 74.4



#5
2-Fluorophenol
Concen: 92.981 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Tgt Ion:112 Resp: 1654216
Ion Ratio Lower Upper
112 100
64 56.9 45.9 68.9
63 29.2 23.8 35.8



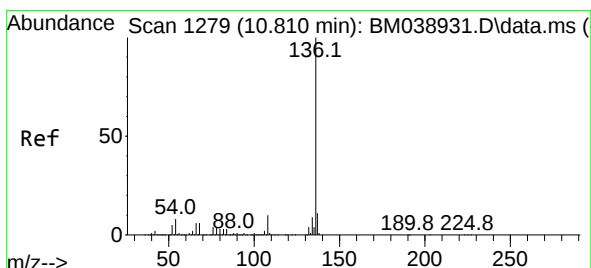
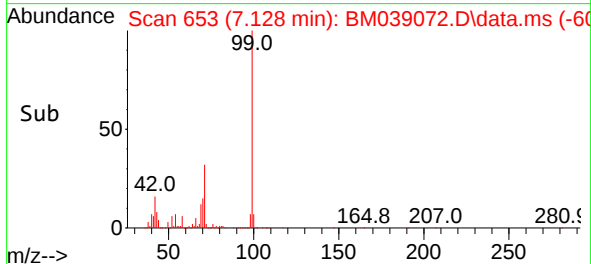
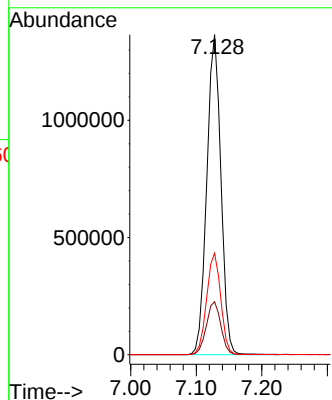
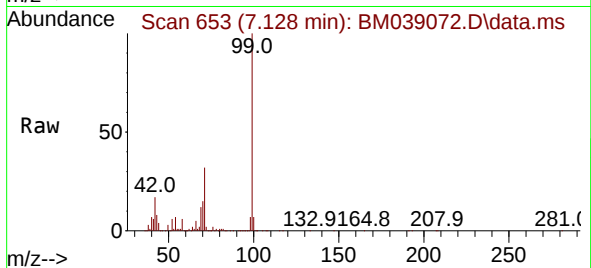


#7
Phenol-d6
Concen: 88.696 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Instrument :
BNA_M
ClientSampleId :
SP-4

Tgt Ion: 99 Resp: 2049644

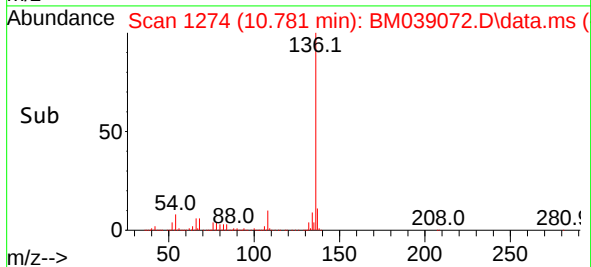
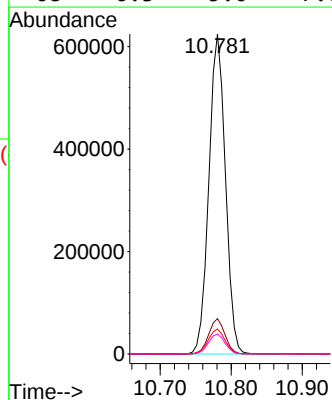
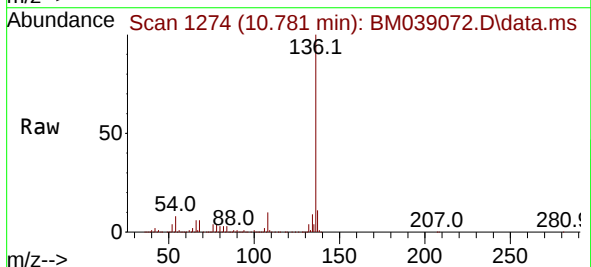
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	31.7	25.6	38.4

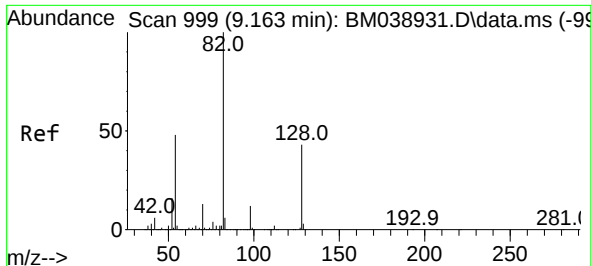


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Tgt Ion: 136 Resp: 1010313

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	6.3	9.5
68	6.3	5.0	7.6

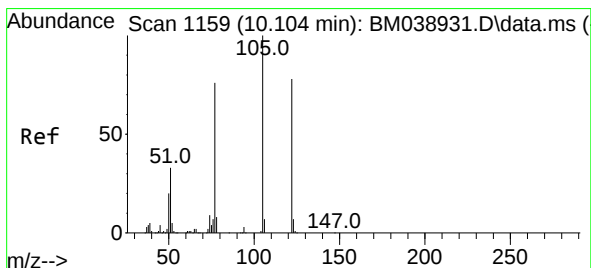
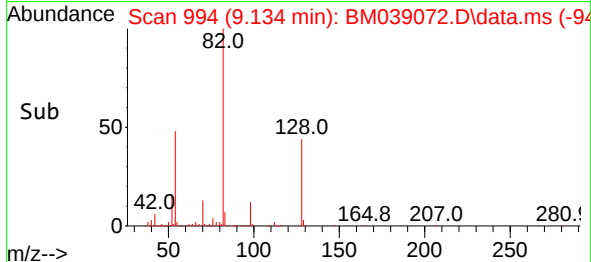
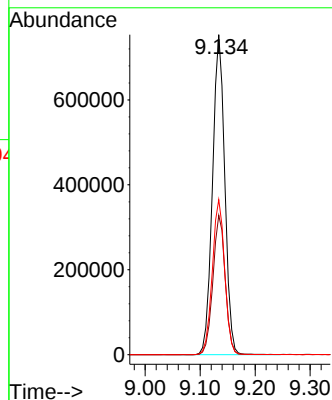
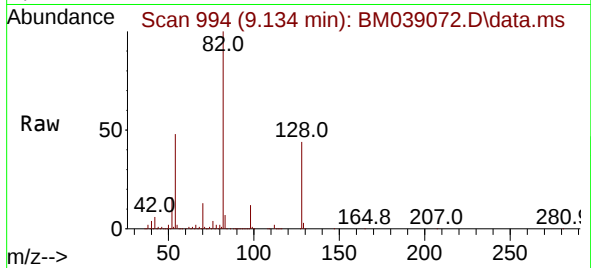




#23
Nitrobenzene-d5
Concen: 56.917 ng
RT: 9.134 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

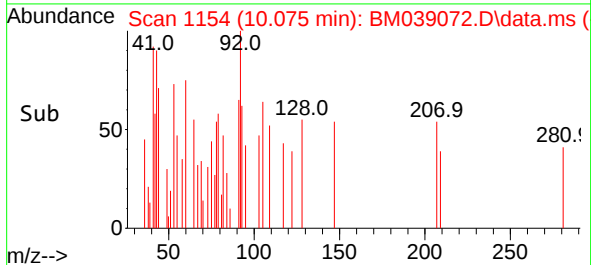
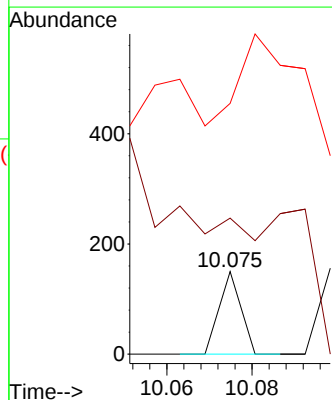
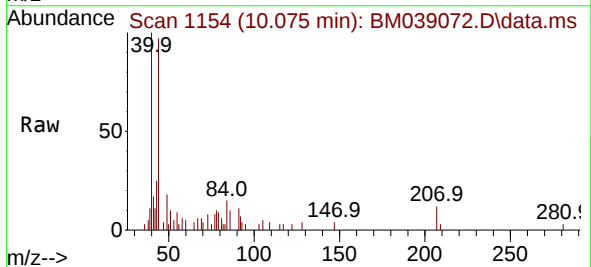
Instrument :
BNA_M
ClientSampleId :
SP-4

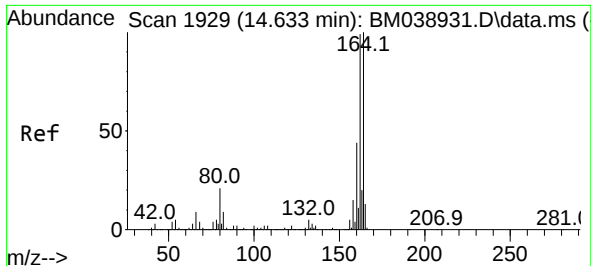
Tgt Ion: 82 Resp: 1170651
Ion Ratio Lower Upper
82 100
128 43.5 34.4 51.6
54 48.5 38.8 58.2



#32
Benzoic acid
Concen: 5.737 ng
RT: 10.075 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 164.7 104.2 144.2#
77 303.3 75.1 115.1#

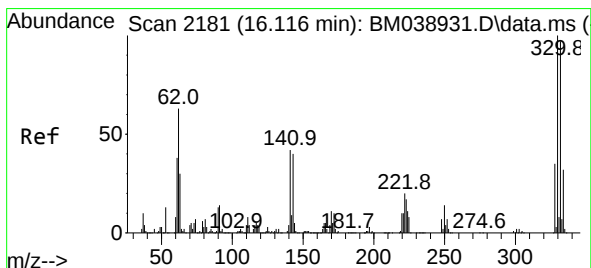
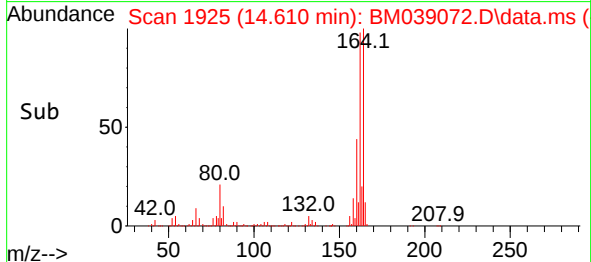
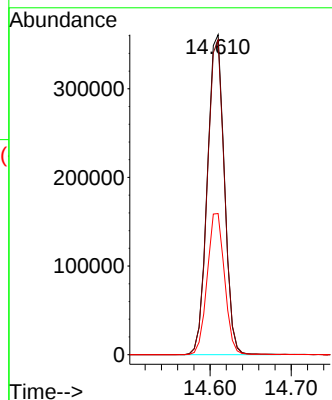
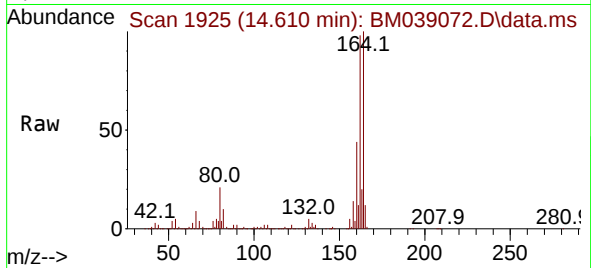




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

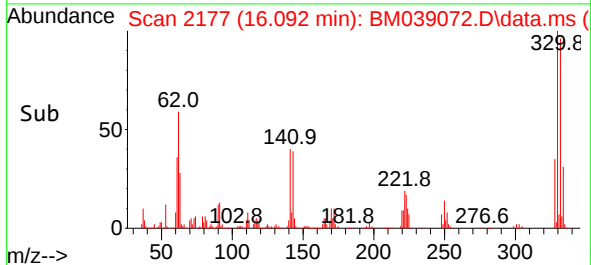
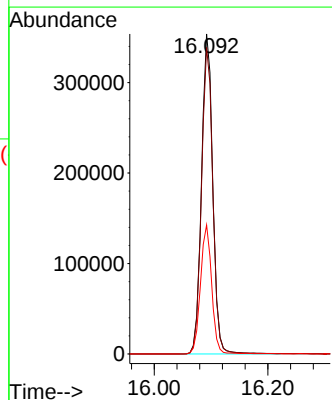
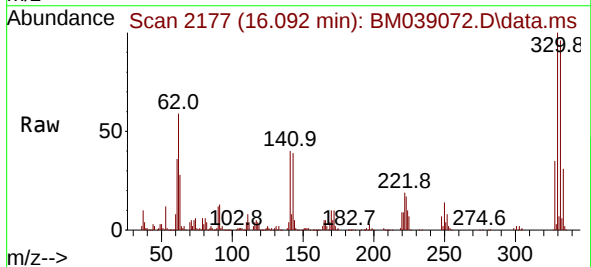
Instrument :
BNA_M
ClientSampleId :
SP-4

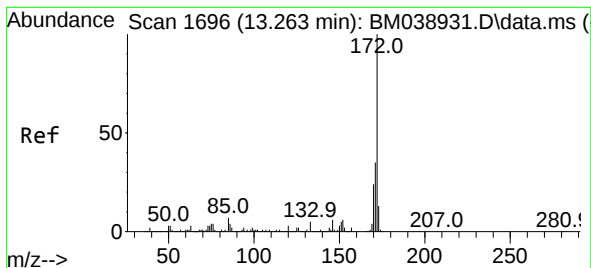
Tgt Ion:164 Resp: 523195
Ion Ratio Lower Upper
164 100
162 98.4 79.2 118.8
160 44.1 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 80.512 ng
RT: 16.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Tgt Ion:330 Resp: 487300
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 40.4 32.2 48.4

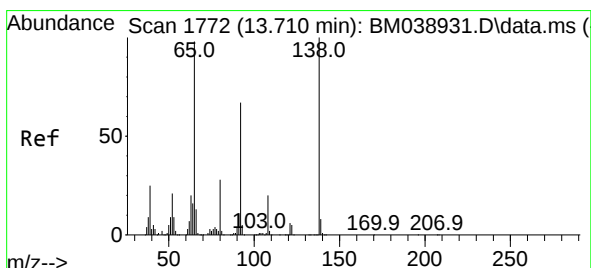
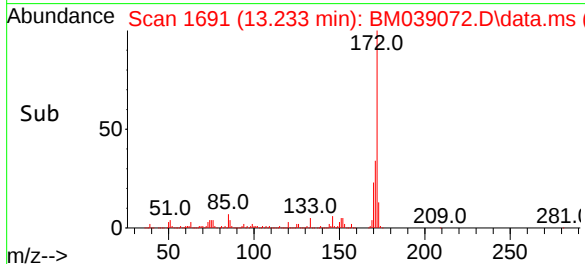
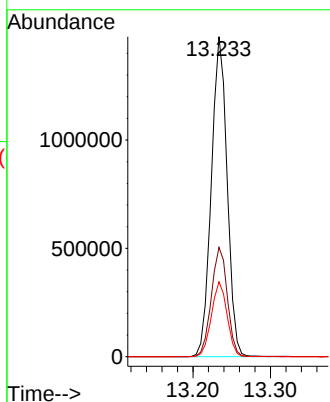
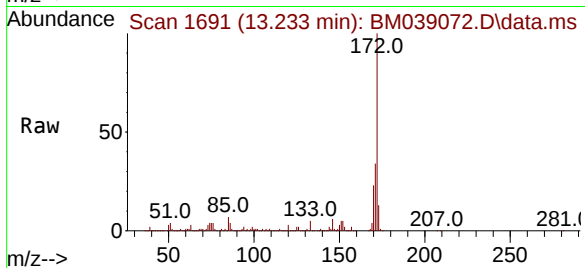




#45
2-Fluorobiphenyl
Concen: 52.009 ng
RT: 13.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

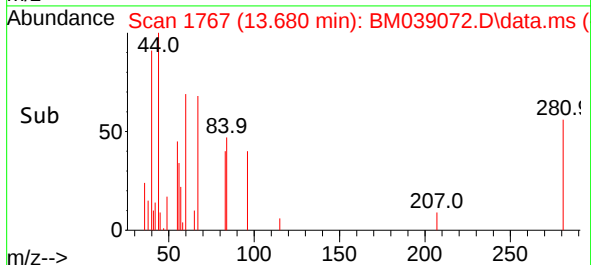
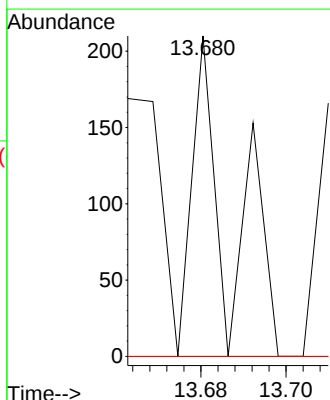
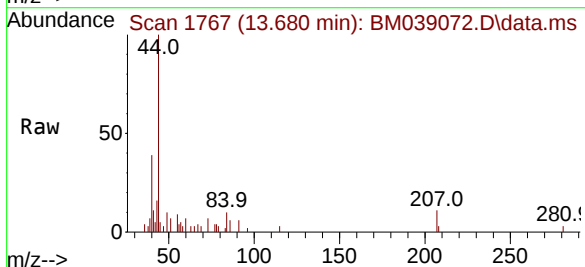
Instrument :
BNA_M
ClientSampleId :
SP-4

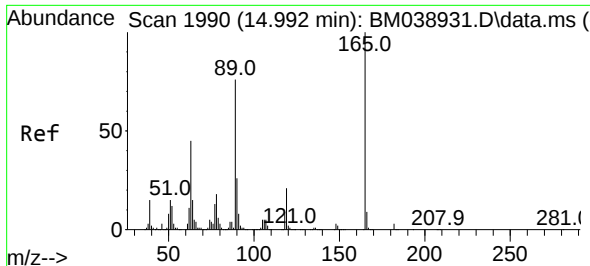
Tgt Ion:172 Resp: 2090250
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 23.4 19.1 28.7



#48
2-Nitroaniline
Concen: 2.227 ng
RT: 13.680 min Scan# 1767
Delta R.T. -0.012 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Tgt Ion: 65 Resp: 128
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#

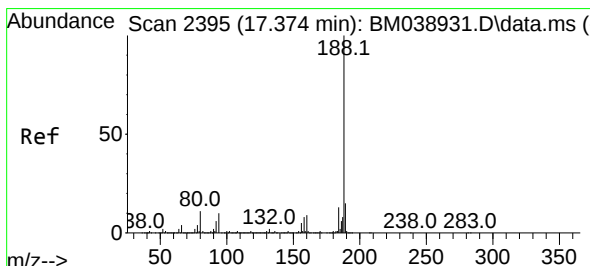
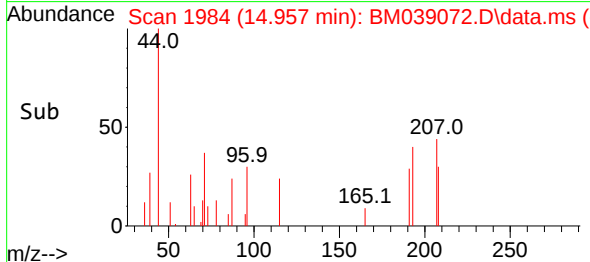
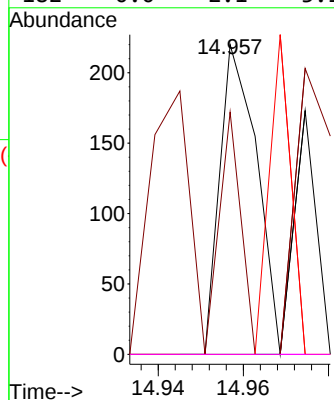
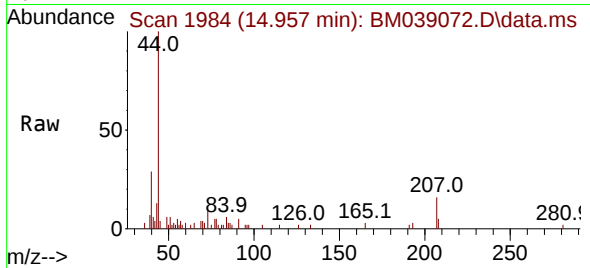




#57
2,4-Dinitrotoluene
Concen: 2.082 ng
RT: 14.957 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

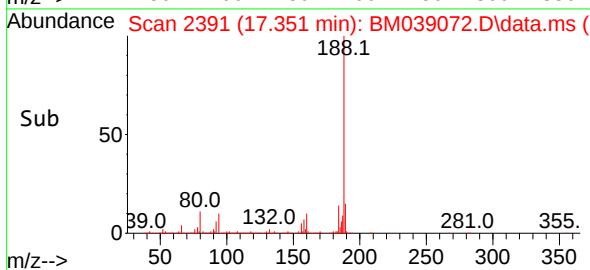
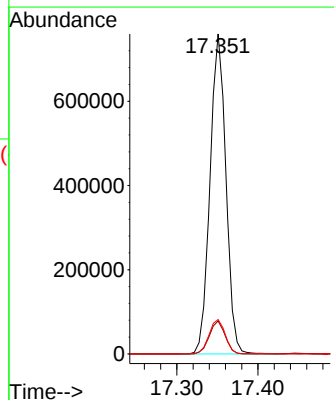
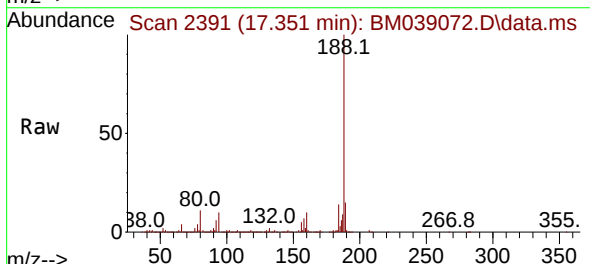
Instrument :
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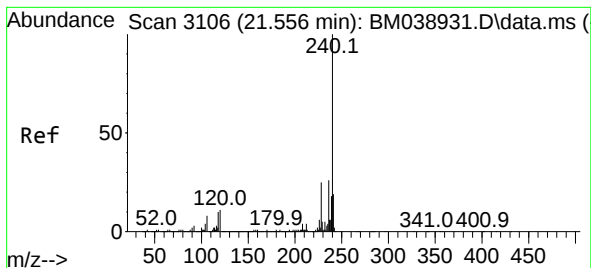
Tgt Ion:165	Resp:	132
Ion	Ratio	Lower Upper
165	100	
63	78.2	35.9 53.9#
89	0.0	61.0 91.6#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Tgt Ion:188	Resp:	1032183
Ion	Ratio	Lower Upper
188	100	
94	10.3	7.9 11.9
80	10.8	8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM039072.D

Acq: 21 Mar 2023 17:02

Instrument :

BNA_M

ClientSampleId :

SP-4

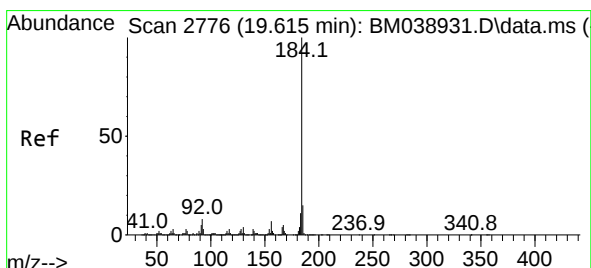
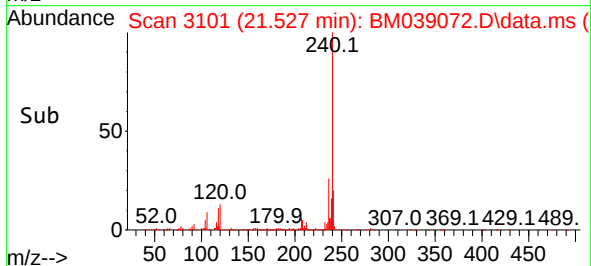
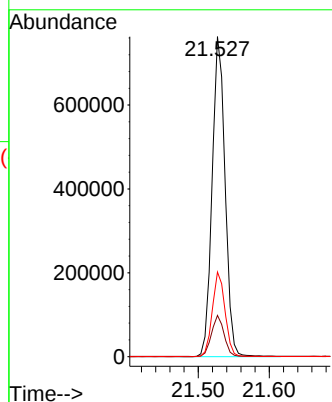
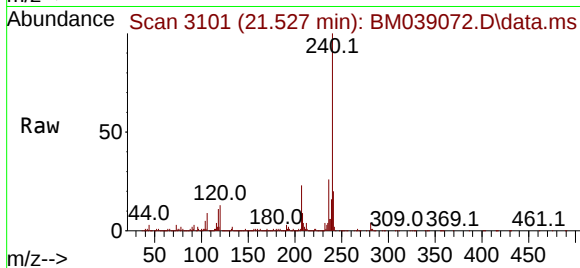
Tgt Ion:240 Resp: 967435

Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

236 26.4 20.8 31.2



#77

Benzidine

Concen: 4.889 ng

RT: 19.580 min Scan# 2770

Delta R.T. -0.012 min

Lab File: BM039072.D

Acq: 21 Mar 2023 17:02

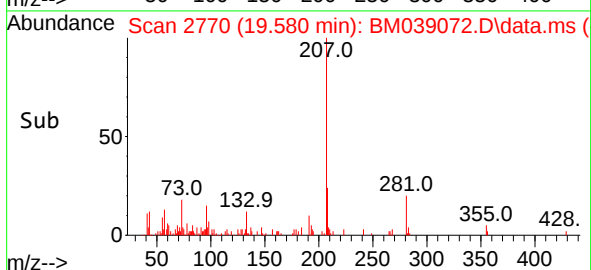
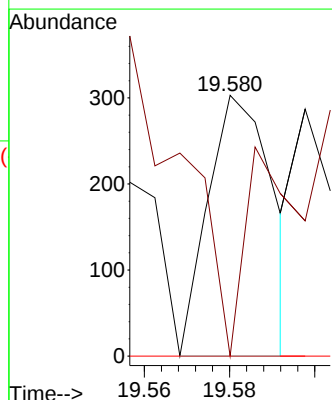
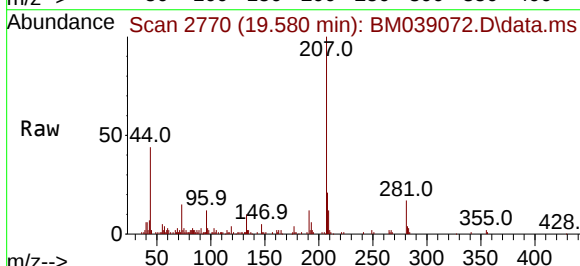
Tgt Ion:184 Resp: 321

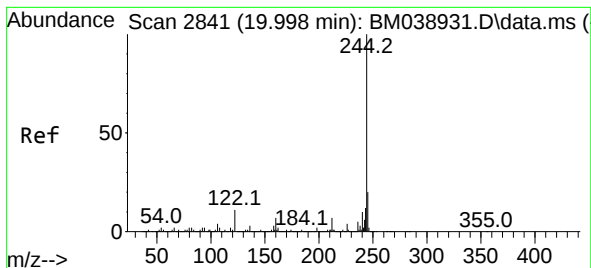
Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.4#

183 0.0 8.8 13.2#





#79

Terphenyl-d14

Concen: 52.459 ng

RT: 19.968 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039072.D

Acq: 21 Mar 2023 17:02

Instrument :

BNA_M

ClientSampleId :

SP-4

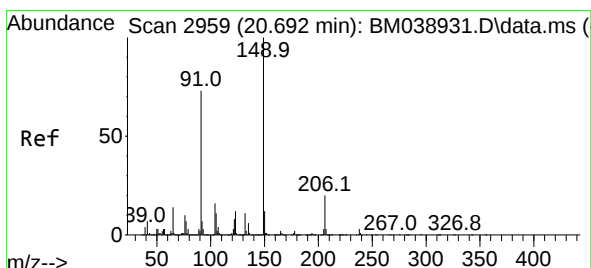
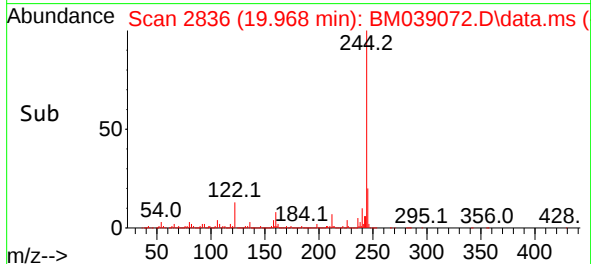
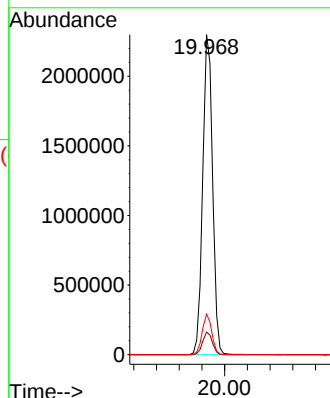
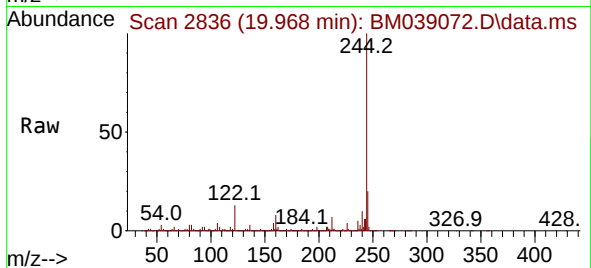
Tgt Ion:244 Resp: 2775795

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.7 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.326 ng

RT: 20.680 min Scan# 2957

Delta R.T. 0.018 min

Lab File: BM039072.D

Acq: 21 Mar 2023 17:02

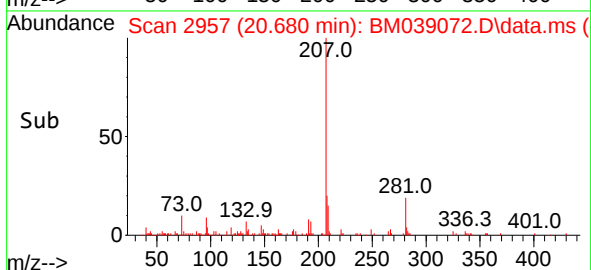
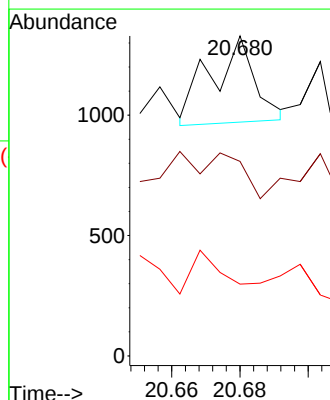
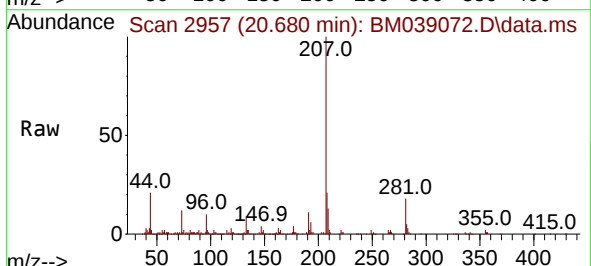
Tgt Ion:149 Resp: 322

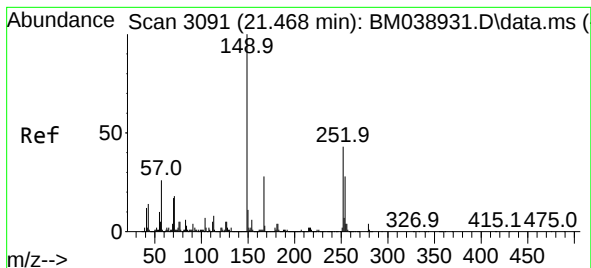
Ion Ratio Lower Upper

149 100

91 60.8 58.4 87.6

206 22.4 16.1 24.1

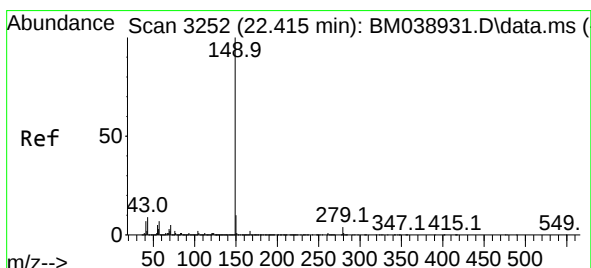
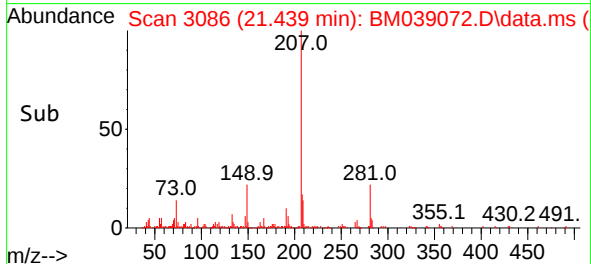
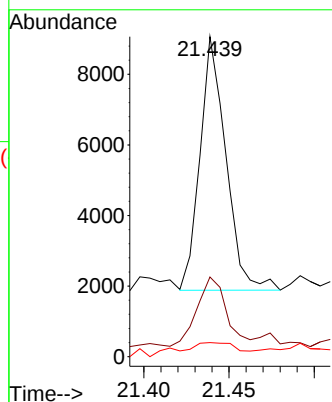
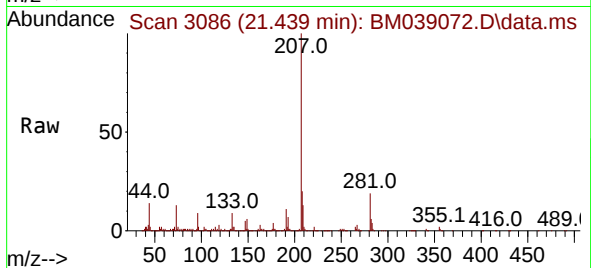




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.647 ng
RT: 21.439 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

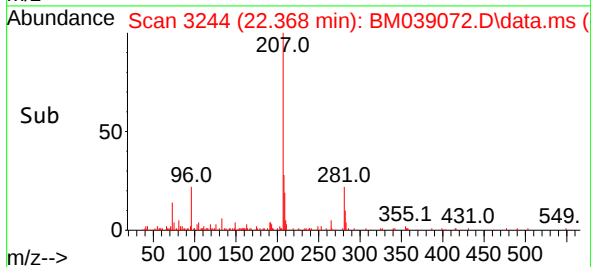
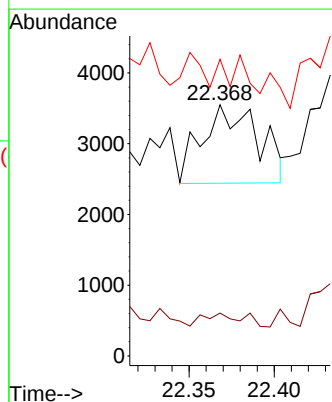
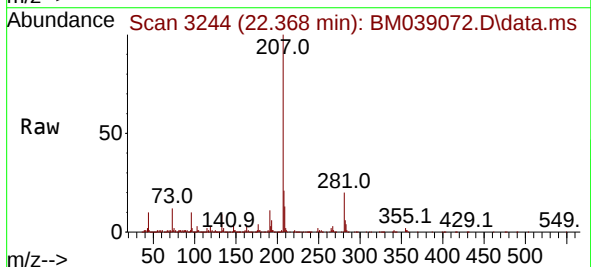
Instrument :
BNA_M
ClientSampleId :
SP-4

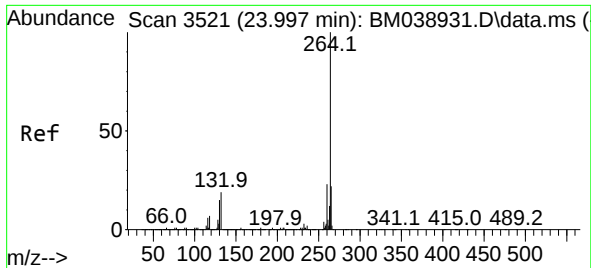
Tgt Ion:149 Resp: 7619
Ion Ratio Lower Upper
149 100
167 24.9 22.3 33.5
279 4.4 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 3.828 ng
RT: 22.368 min Scan# 3244
Delta R.T. -0.006 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Tgt Ion:149 Resp: 2545
Ion Ratio Lower Upper
149 100
167 12.3 1.2 1.8#
43 0.0 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039072.D
Acq: 21 Mar 2023 17:02

Instrument :
BNA_M
ClientSampleId :
SP-4

Tgt Ion:264 Resp: 1106304

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.6	17.9	26.9

