

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039116.D
 Acq On : 23 Mar 2023 14:14
 Operator : CG/JU
 Sample : 02001-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IRV-1

Quant Time: Mar 24 04:29:56 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)

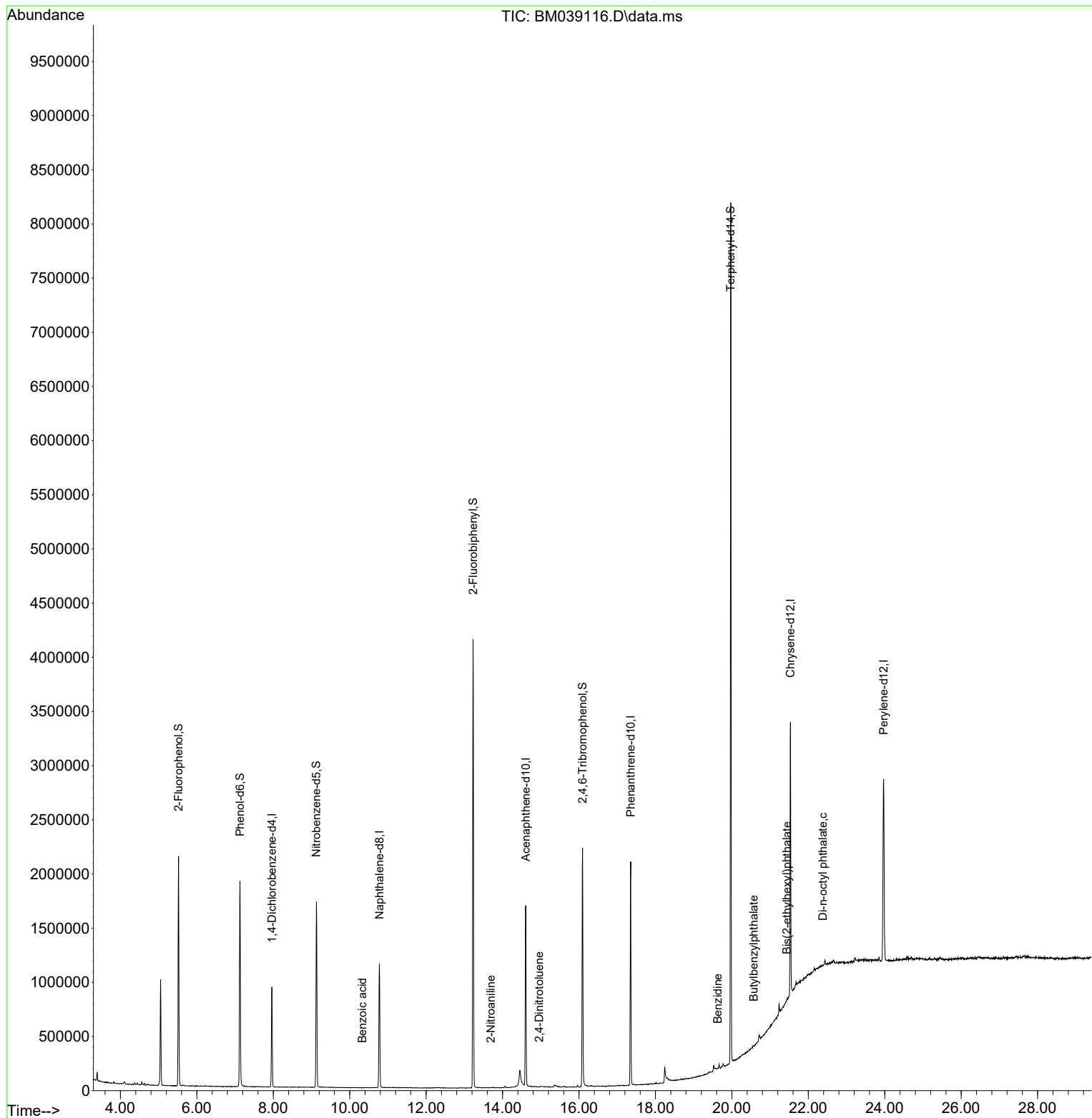
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	247437	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	956724	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	551159	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1209532	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1172288	20.000	ng	0.00
86) Perylene-d12	23.968	264	1266715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	945901	58.079	ng	0.00
7) Phenol-d6	7.128	99	1134764	53.642	ng	0.00
23) Nitrobenzene-d5	9.128	82	977198	50.172	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	399505	62.657	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	2095845	49.502	ng	0.00
79) Terphenyl-d14	19.968	244	3547330	55.325	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.328	122	54	5.737	ng	# 21
48) 2-Nitroaniline	13.692	65	351	2.245	ng	# 37
57) 2,4-Dinitrotoluene	14.957	165	131	2.081	ng	# 78
77) Benzidine	19.627	184	56	4.878	ng	# 1
80) Butylbenzylphthalate	20.568	149	680	3.333	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.439	149	7549	2.617	ng	# 91
85) Di-n-octyl phthalate	22.380	149	1974	3.817	ng	# 49

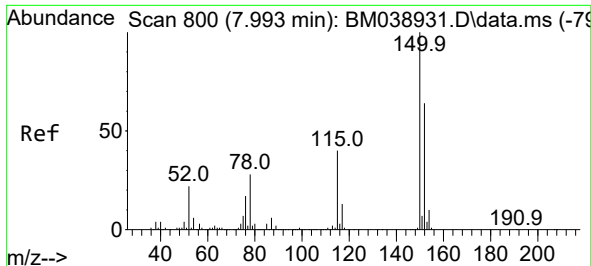
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
Data File : BM039116.D
Acq On : 23 Mar 2023 14:14
Operator : CG/JU
Sample : 02001-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IRV-1

Quant Time: Mar 24 04:29:56 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

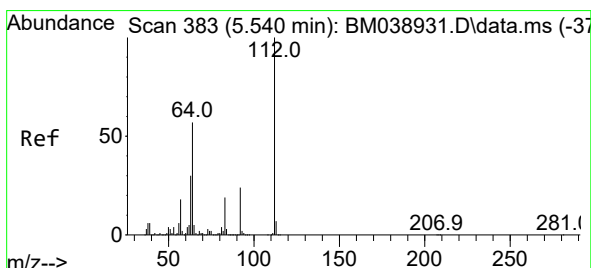
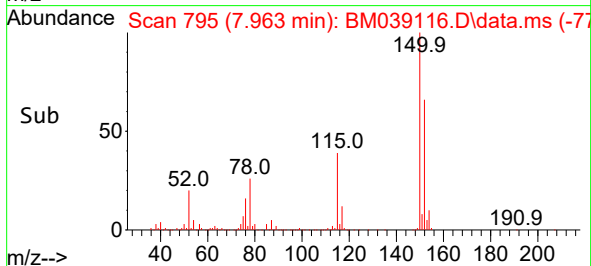
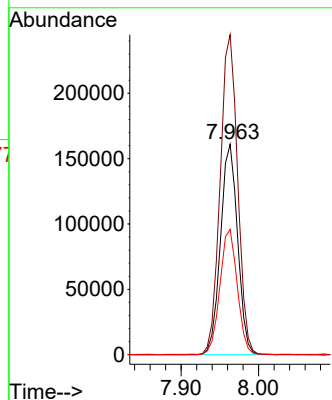
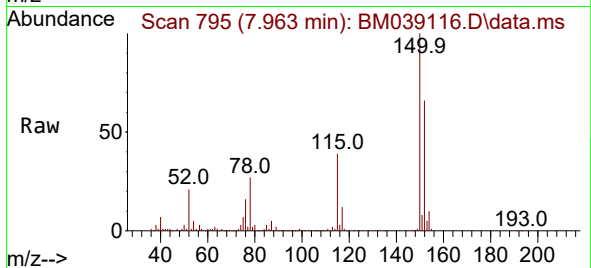




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

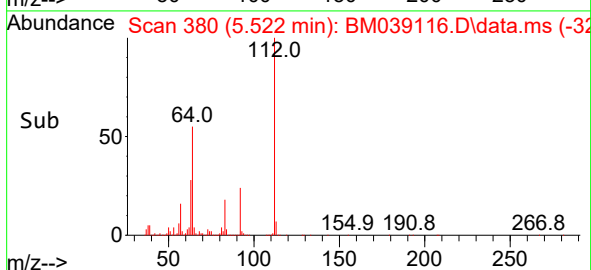
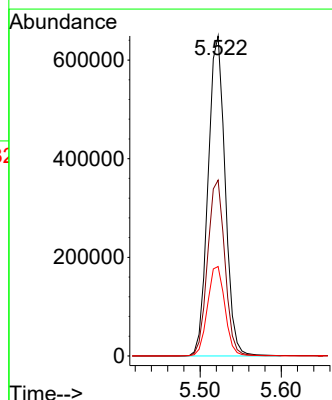
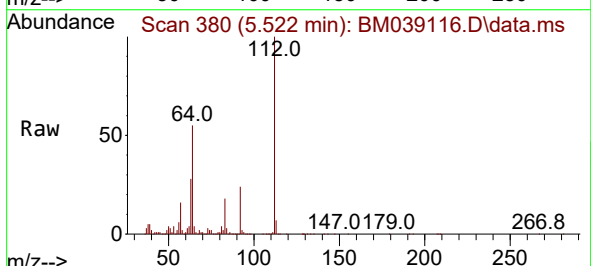
Instrument :
BNA_M
ClientSampleId :
IRV-1

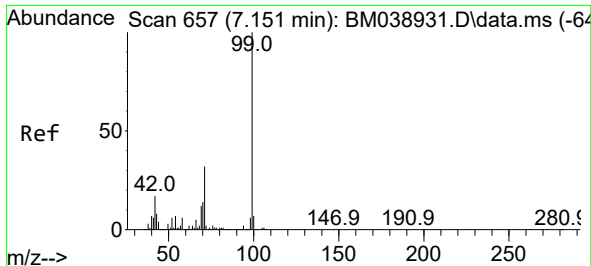
Tgt Ion:152 Resp: 247437
Ion Ratio Lower Upper
152 100
150 152.1 125.1 187.7
115 59.5 49.6 74.4



#5
2-Fluorophenol
Concen: 58.079 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

Tgt Ion:112 Resp: 945901
Ion Ratio Lower Upper
112 100
64 55.0 45.9 68.9
63 28.0 23.8 35.8

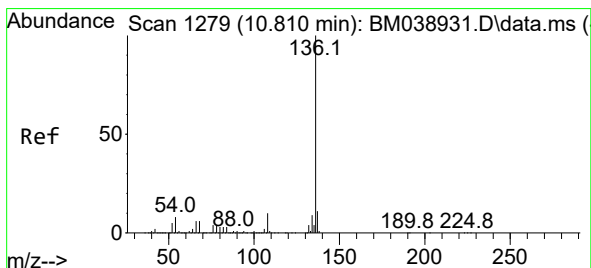
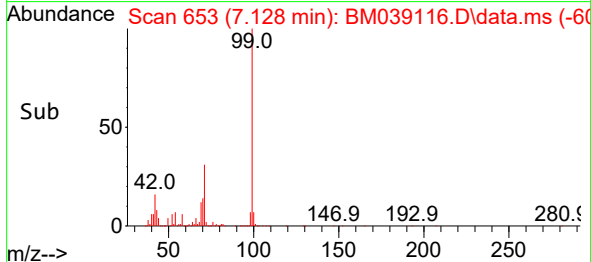
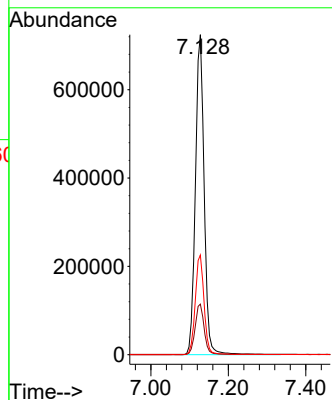
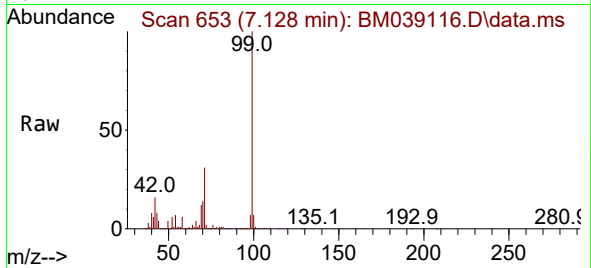




#7
Phenol-d6
Concen: 53.642 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

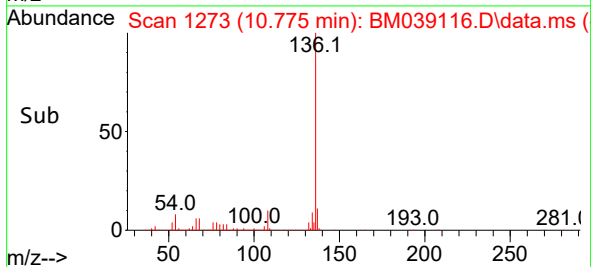
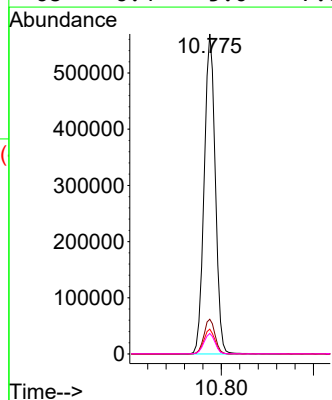
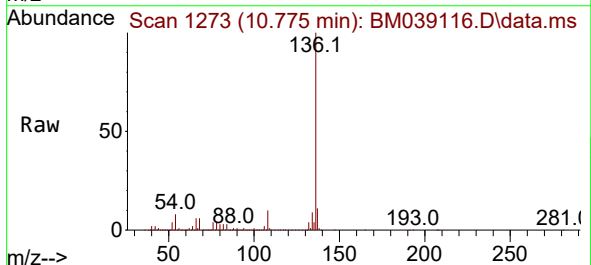
Instrument :
BNA_M
ClientSampleId :
IRV-1

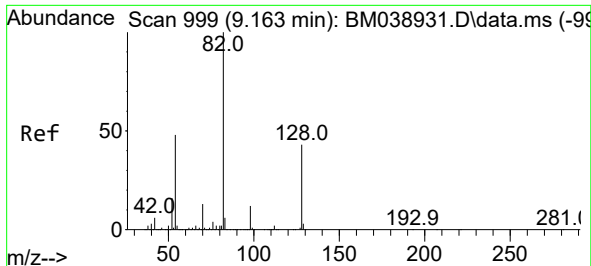
Tgt Ion: 99 Resp: 1134764
Ion Ratio Lower Upper
99 100
42 15.8 13.5 20.3
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

Tgt Ion: 136 Resp: 956724
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.7 6.3 9.5
68 6.4 5.0 7.6

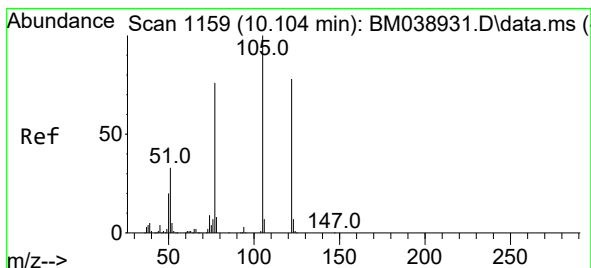
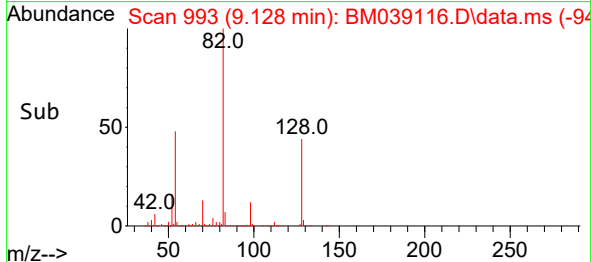
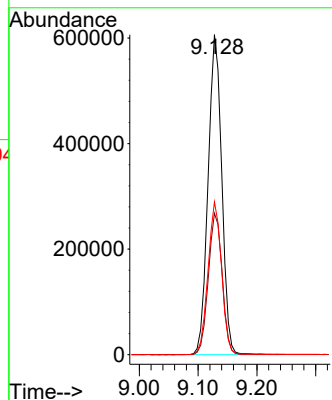
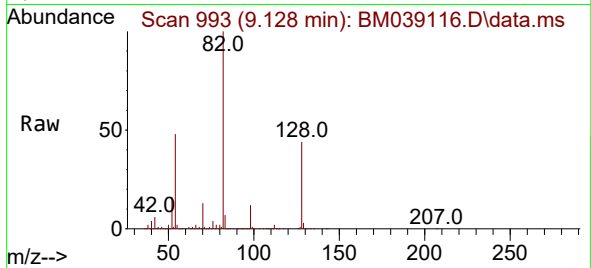




#23
Nitrobenzene-d5
Concen: 50.172 ng
RT: 9.128 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

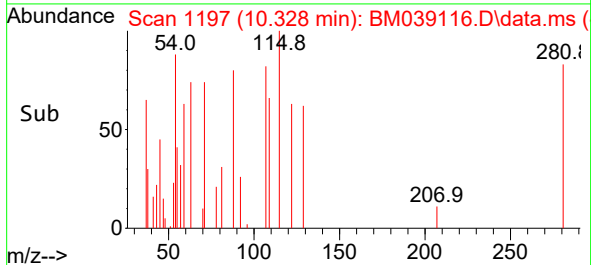
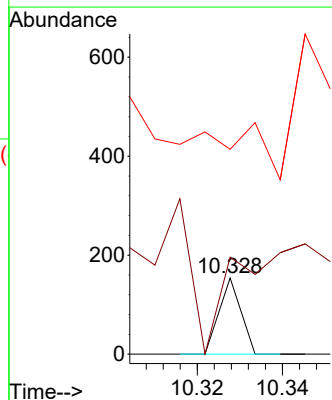
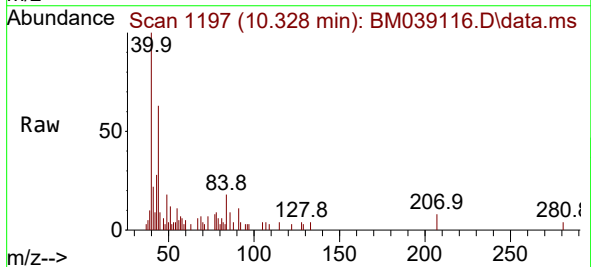
Instrument :
BNA_M
ClientSampleId :
IRV-1

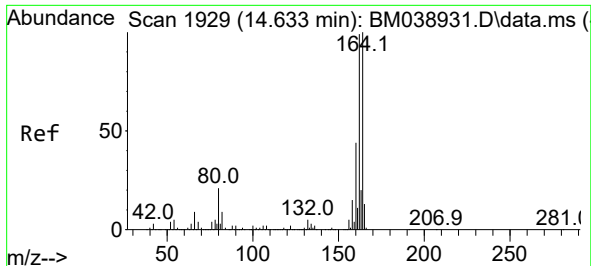
Tgt Ion: 82 Resp: 977198
Ion Ratio Lower Upper
82 100
128 44.2 34.4 51.6
54 47.8 38.8 58.2



#32
Benzoic acid
Concen: 5.737 ng
RT: 10.328 min Scan# 1197
Delta R.T. 0.241 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 127.3 104.2 144.2
77 268.8 75.1 115.1#

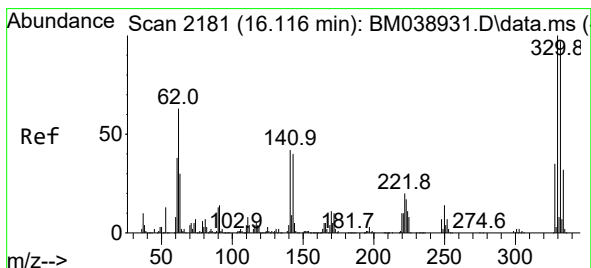
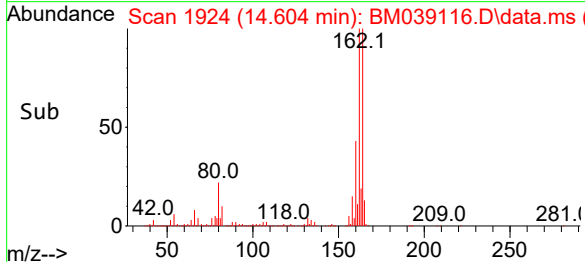
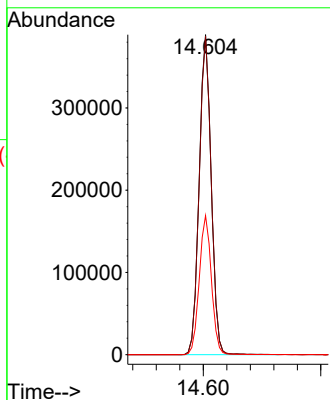
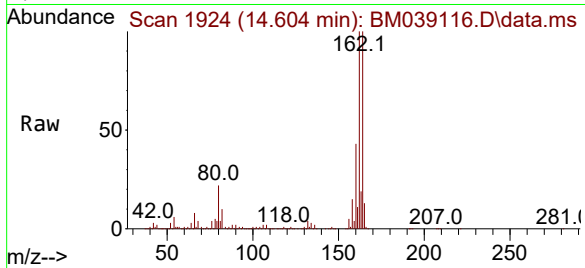




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

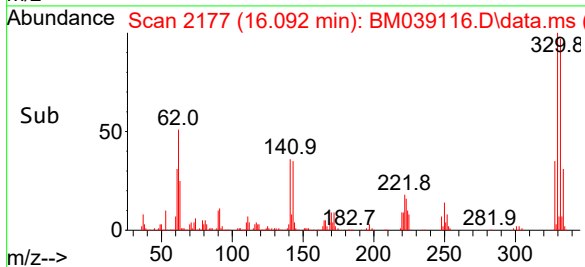
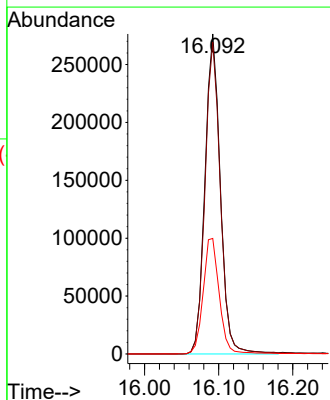
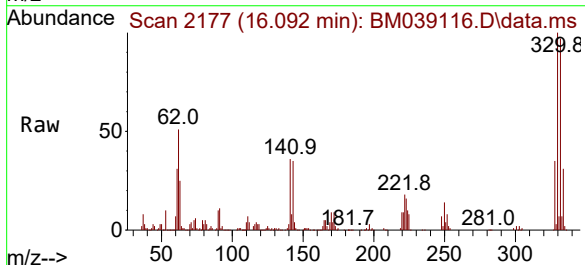
Instrument :
BNA_M
ClientSampleId :
IRV-1

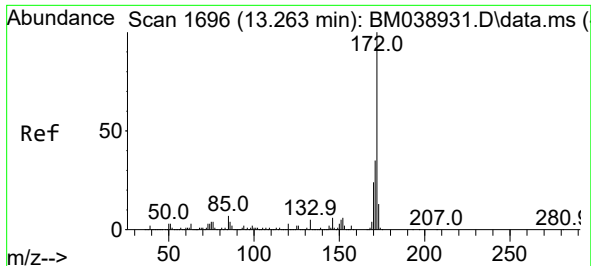
Tgt Ion:164 Resp: 551159
Ion Ratio Lower Upper
164 100
162 99.6 79.2 118.8
160 43.5 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 62.657 ng
RT: 16.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

Tgt Ion:330 Resp: 399505
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 38.1 32.2 48.4

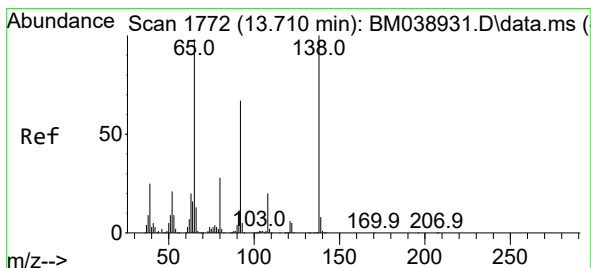
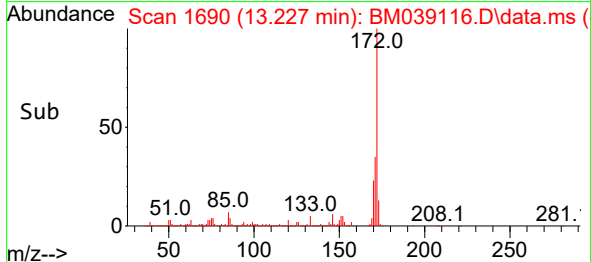
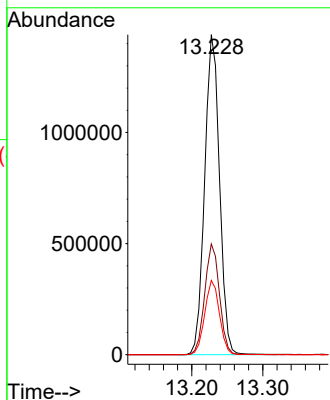
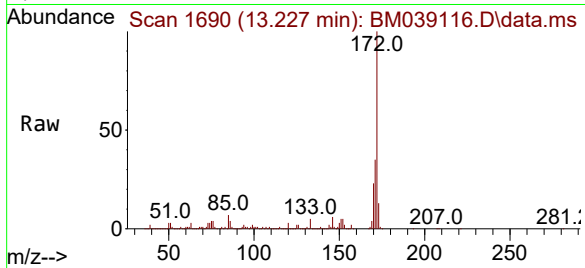




#45
2-Fluorobiphenyl
Concen: 49.502 ng
RT: 13.227 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

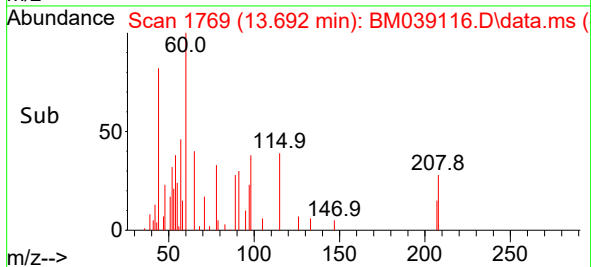
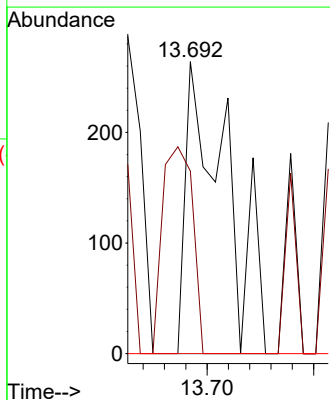
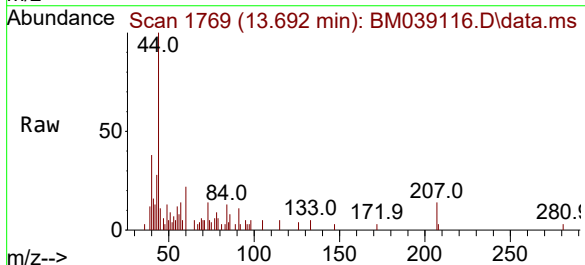
Instrument :
BNA_M
ClientSampleId :
IRV-1

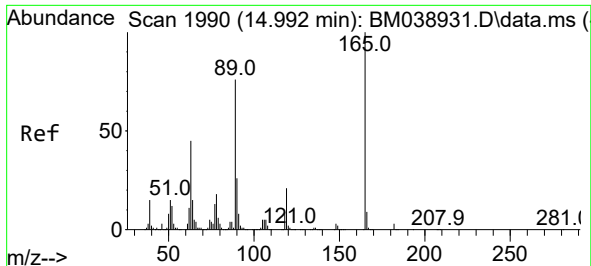
Tgt Ion:172 Resp: 2095845
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.2 19.1 28.7



#48
2-Nitroaniline
Concen: 2.245 ng
RT: 13.692 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

Tgt Ion: 65 Resp: 351
Ion Ratio Lower Upper
65 100
92 62.5 54.9 82.3
138 0.0 81.6 122.4#

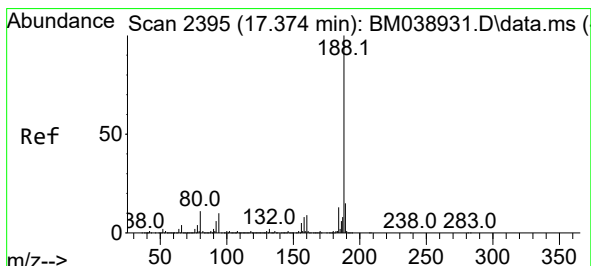
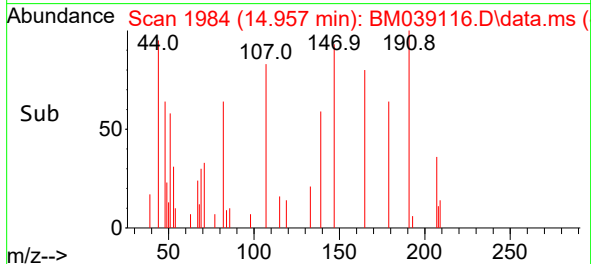
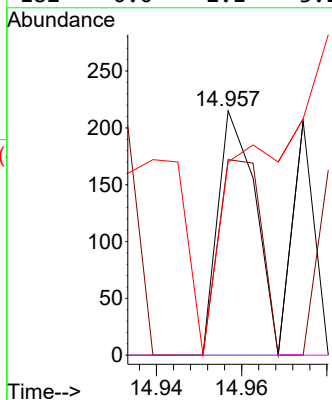
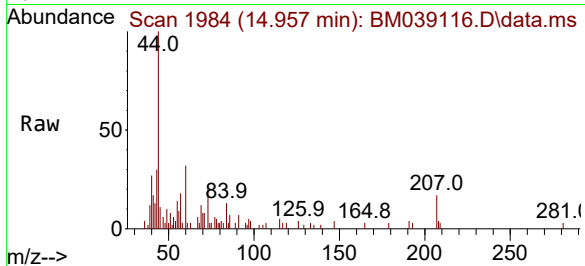




#57
2,4-Dinitrotoluene
Concen: 2.081 ng
RT: 14.957 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

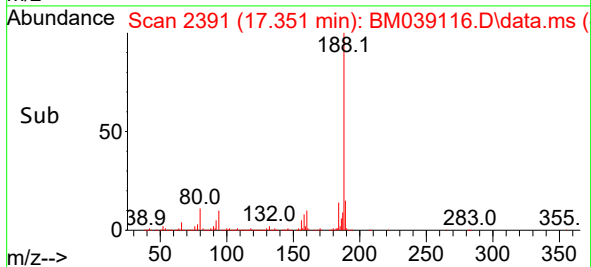
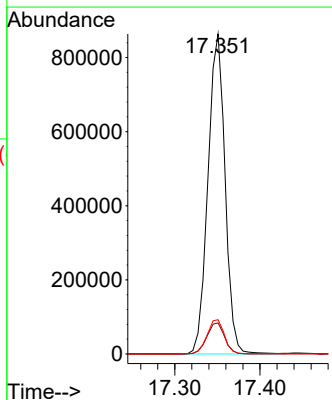
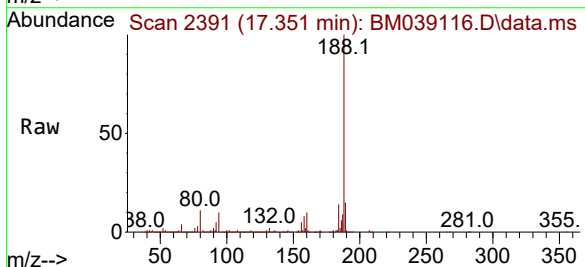
Instrument :
BNA_M
ClientSampleId :
IRV-1

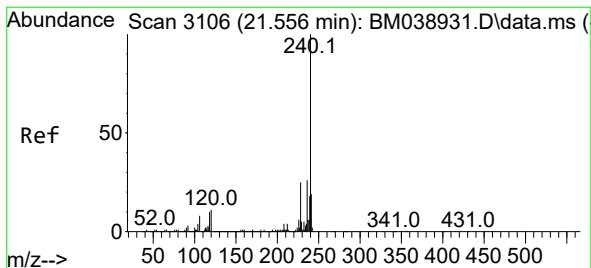
Tgt Ion:165 Resp: 131
Ion Ratio Lower Upper
165 100
63 80.0 35.9 53.9#
89 79.1 61.0 91.6
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

Tgt Ion:188 Resp: 1209532
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.7 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039116.D

Acq: 23 Mar 2023 14:14

Instrument :

BNA_M

ClientSampleId :

IRV-1

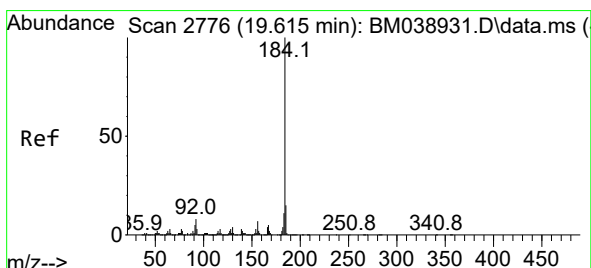
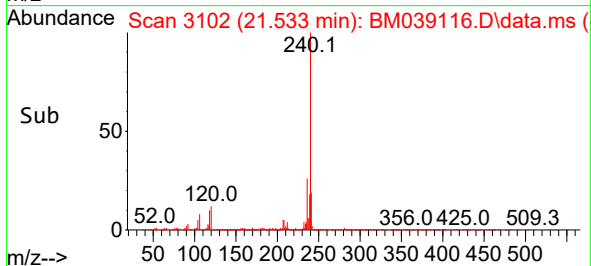
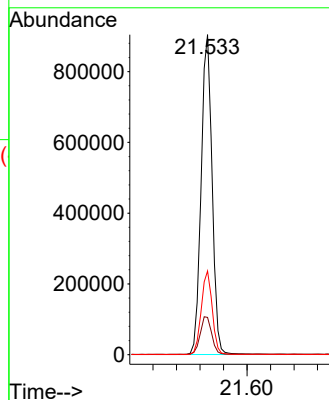
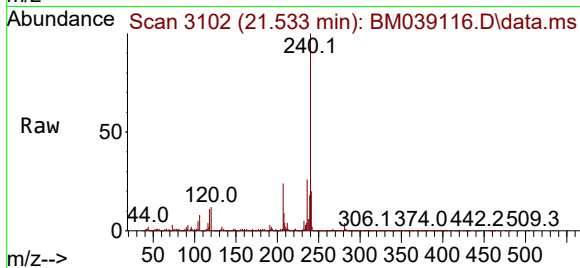
Tgt Ion:240 Resp: 1172288

Ion Ratio Lower Upper

240 100

120 11.6 9.2 13.8

236 26.2 20.8 31.2



#77

Benzidine

Concen: 4.878 ng

RT: 19.627 min Scan# 2778

Delta R.T. 0.035 min

Lab File: BM039116.D

Acq: 23 Mar 2023 14:14

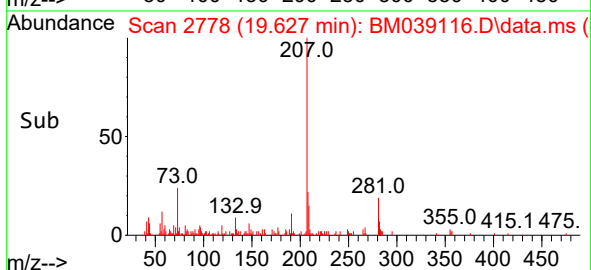
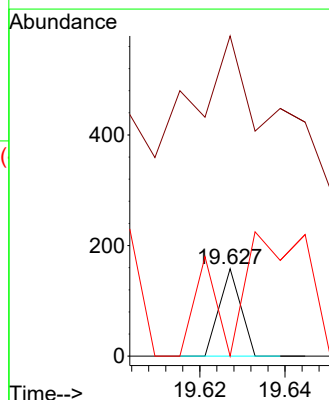
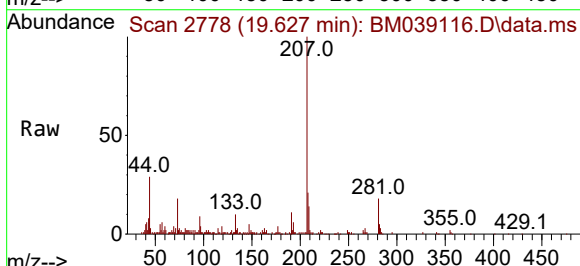
Tgt Ion:184 Resp: 56

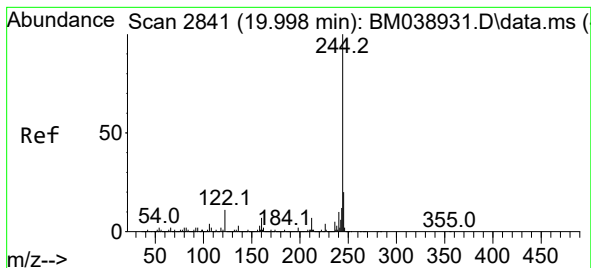
Ion Ratio Lower Upper

184 100

185 366.5 12.2 18.4#

183 0.0 8.8 13.2#





#79

Terphenyl-d14

Concen: 55.325 ng

RT: 19.968 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039116.D

Acq: 23 Mar 2023 14:14

Instrument :

BNA_M

ClientSampleId :

IRV-1

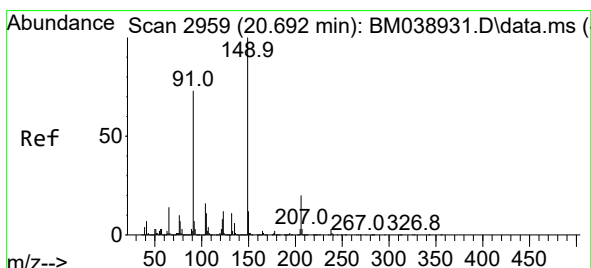
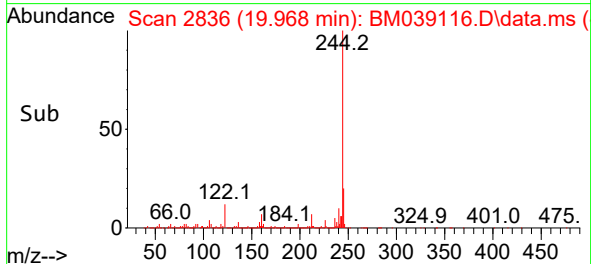
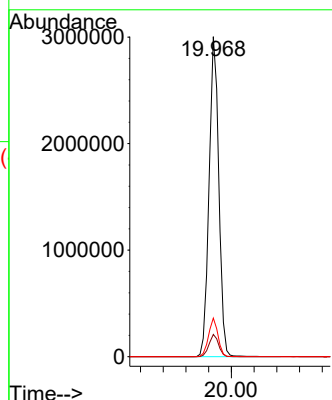
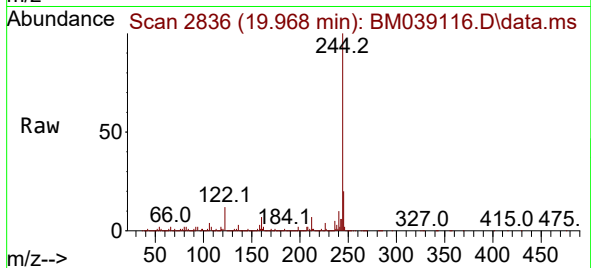
Tgt Ion:244 Resp: 3547330

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 12.0 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.333 ng

RT: 20.568 min Scan# 2938

Delta R.T. -0.094 min

Lab File: BM039116.D

Acq: 23 Mar 2023 14:14

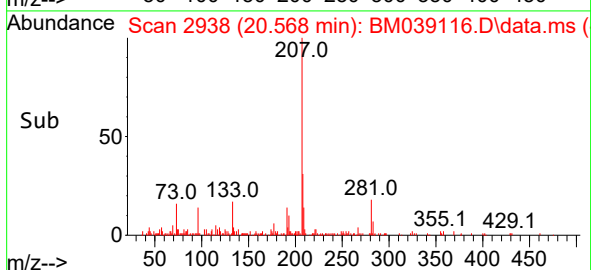
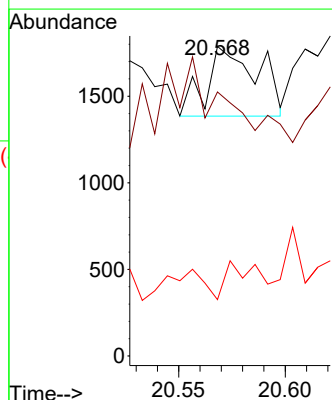
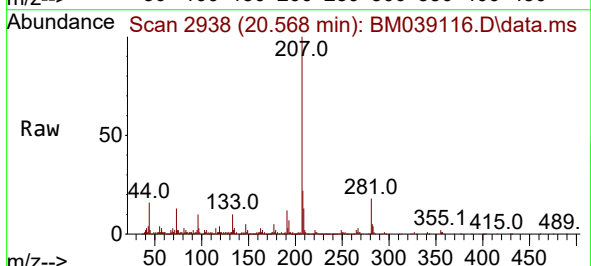
Tgt Ion:149 Resp: 680

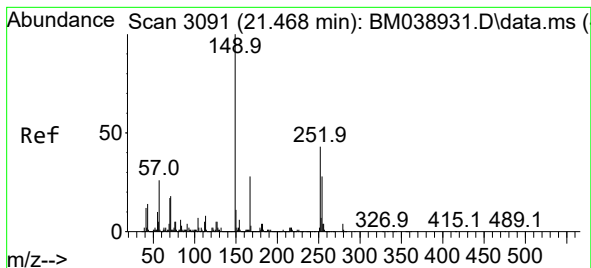
Ion Ratio Lower Upper

149 100

91 85.3 58.4 87.6

206 18.2 16.1 24.1

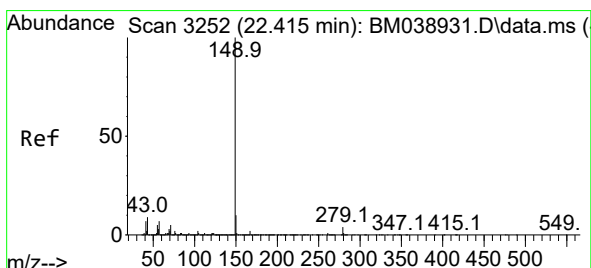
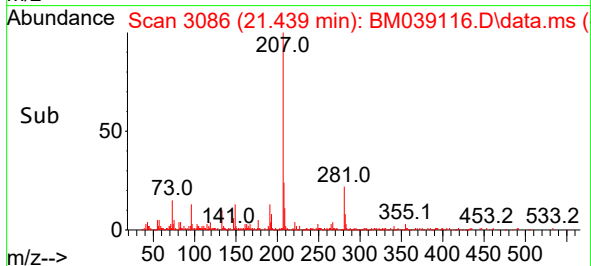
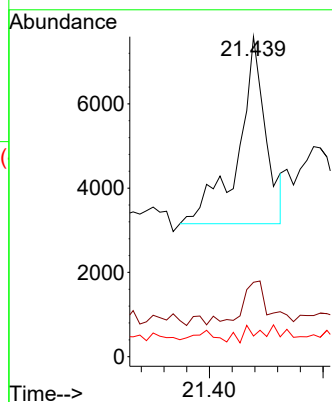
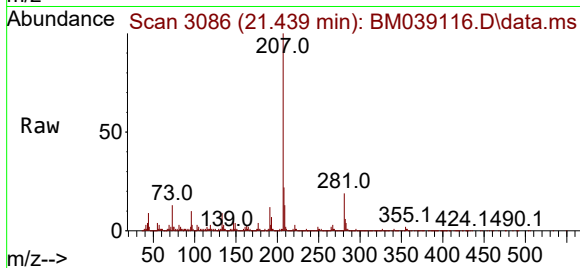




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.617 ng
RT: 21.439 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

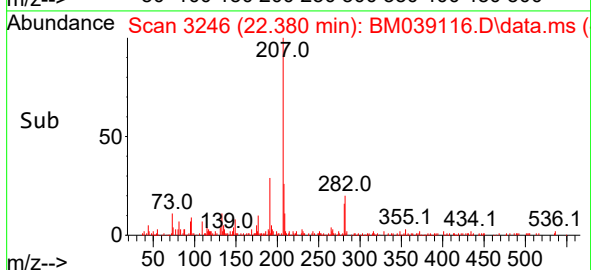
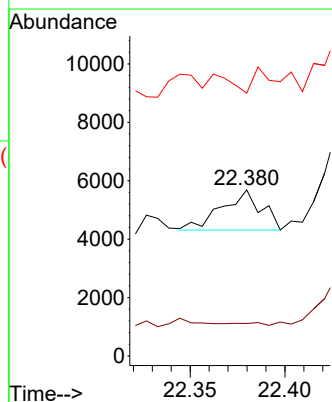
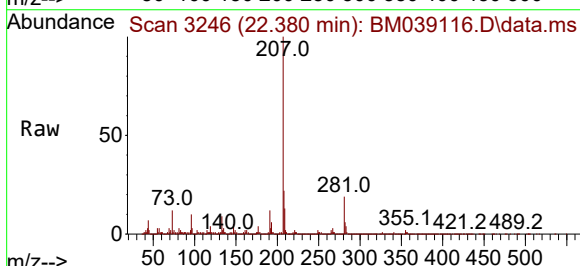
Instrument :
BNA_M
ClientSampleId :
IRV-1

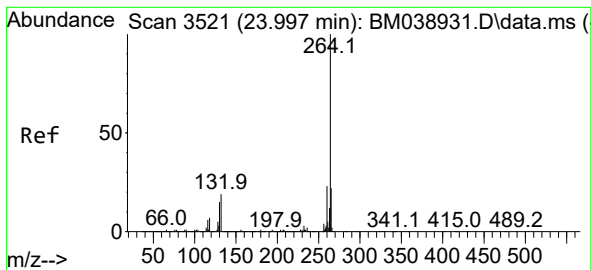
Tgt Ion:149 Resp: 7549
Ion Ratio Lower Upper
149 100
167 23.3 22.3 33.5
279 6.5 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 3.817 ng
RT: 22.380 min Scan# 3246
Delta R.T. 0.006 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

Tgt Ion:149 Resp: 1974
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 30.7 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.968 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039116.D
Acq: 23 Mar 2023 14:14

Instrument :
BNA_M
ClientSampleId :
IRV-1

Tgt Ion:264 Resp: 1266715

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.3	17.9	26.9

