

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
 Data File : BM038728.D
 Acq On : 14 Feb 2023 13:48
 Operator : CG/JU
 Sample : 01442-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-2023-2-3RE

Quant Time: Feb 14 16:07:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 15:49:49 2023
 Response via : Initial Calibration

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

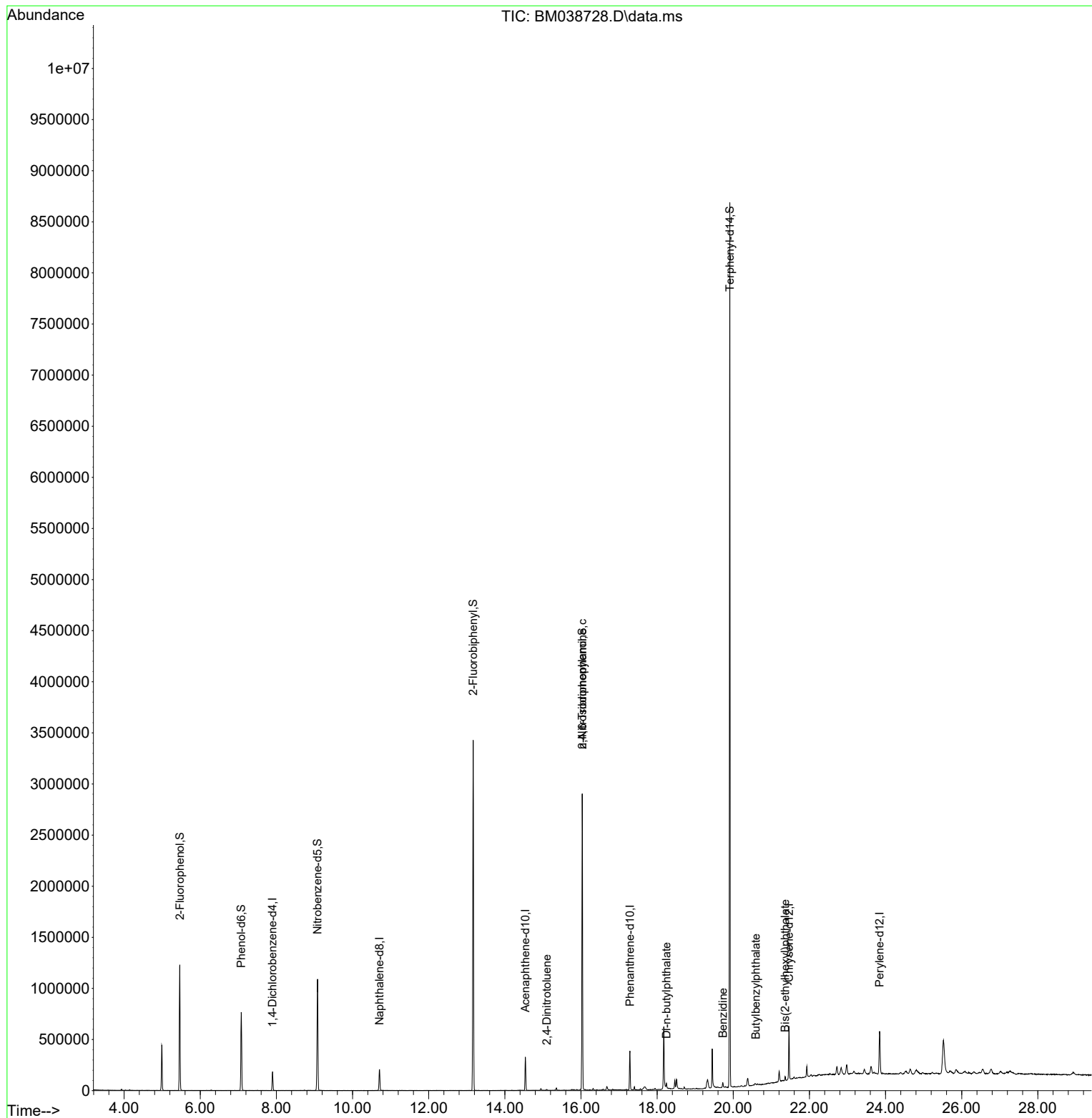
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	52324	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	170933	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	106174	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	214020	20.000	ng	0.00
76) Chrysene-d12	21.462	240	208084	20.000	ng	0.00
86) Perylene-d12	23.844	264	298250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	547522	204.982	ng	0.00
7) Phenol-d6	7.075	99	428887	140.783	ng	0.00
23) Nitrobenzene-d5	9.081	82	591546	196.569	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	466125	322.994	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1635362	196.091	ng	0.00
79) Terphenyl-d14	19.909	244	3336664	282.968	ng	0.00
Target Compounds						
						Qvalue
57) 2,4-Dinitrotoluene	15.104	165	1721	2.272	ng	# 38
66) n-Nitrosodiphenylamine	16.033	169	17915	2.564	ng	# 45
74) Di-n-butylphthalate	18.245	149	33941	2.478	ng	98
77) Benzidine	19.727	184	144	3.135	ng	# 1
80) Butylbenzylphthalate	20.592	149	3978	2.423	ng	# 54
84) Bis(2-ethylhexyl)phtha...	21.362	149	16212	2.849	ng	100

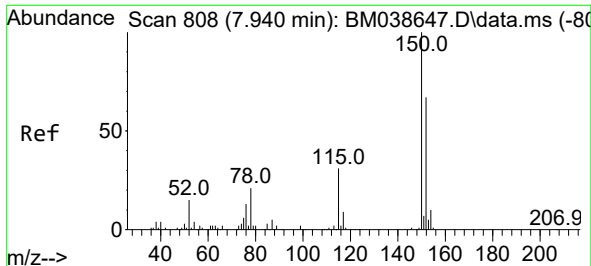
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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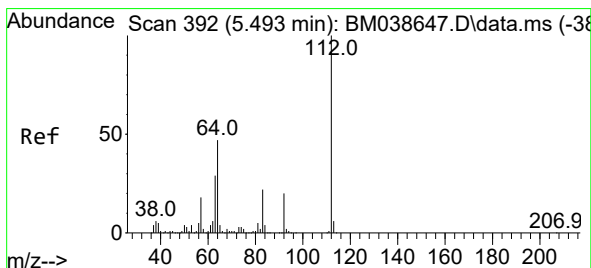
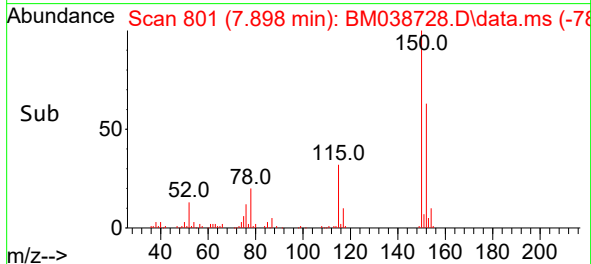
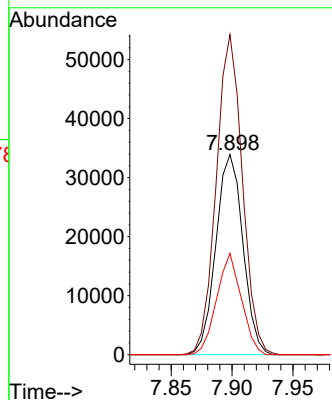
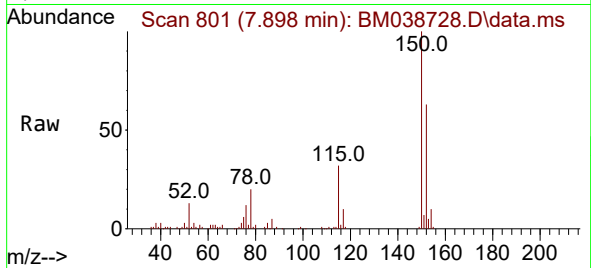




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 808
Delta R.T. 0.000 min
Lab File: BM038728.D
Acq: 14 Feb 2023 13:48

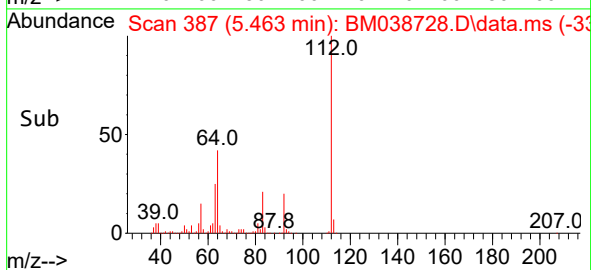
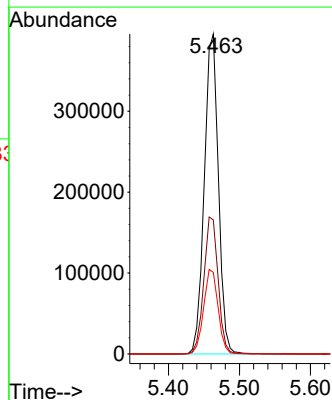
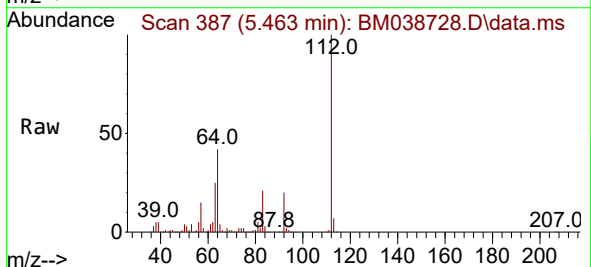
Instrument :
BNA_M
ClientSampleId :
EB-2023-2-3RE

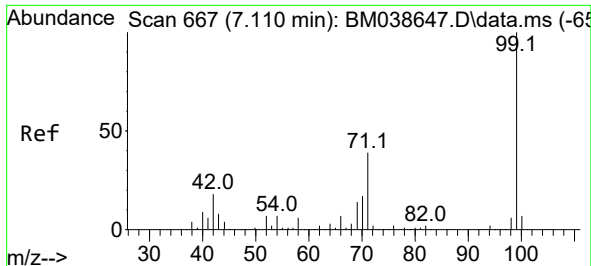
Tgt Ion:152 Resp: 52324
Ion Ratio Lower Upper
152 100
150 159.8 119.5 179.3
115 50.6 37.6 56.4



#5
2-Fluorophenol
Concen: 204.982 ng
RT: 5.463 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM038728.D
Acq: 14 Feb 2023 13:48

Tgt Ion:112 Resp: 547522
Ion Ratio Lower Upper
112 100
64 41.9 37.9 56.9
63 25.5 23.3 34.9

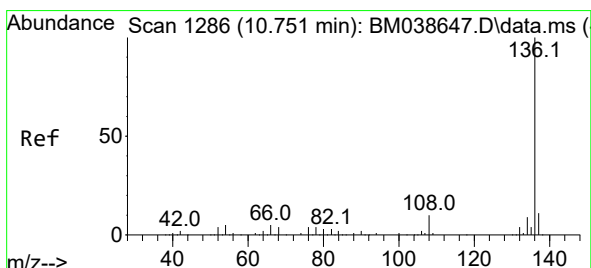
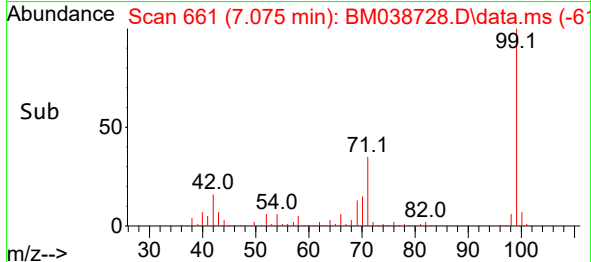
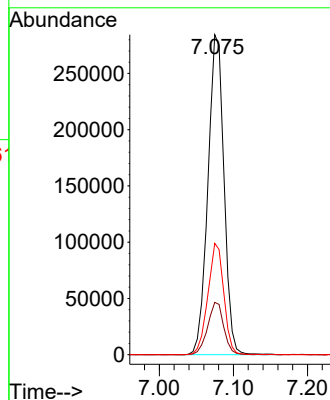
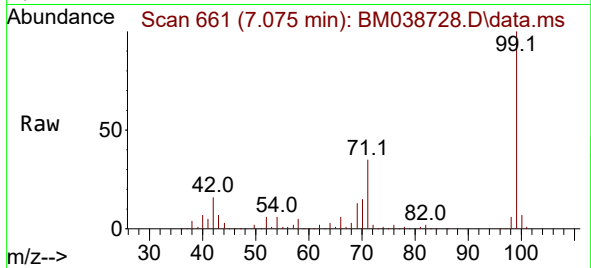




#7
Phenol-d6
Concen: 140.783 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038728.D
Acq: 14 Feb 2023 13:48

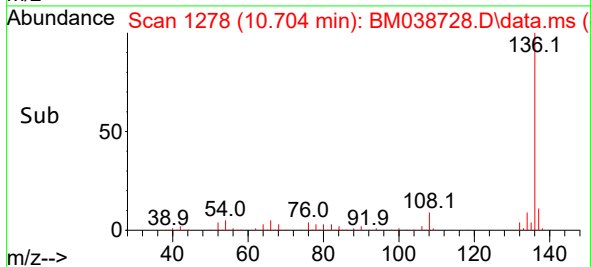
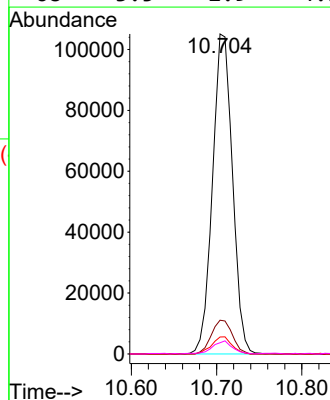
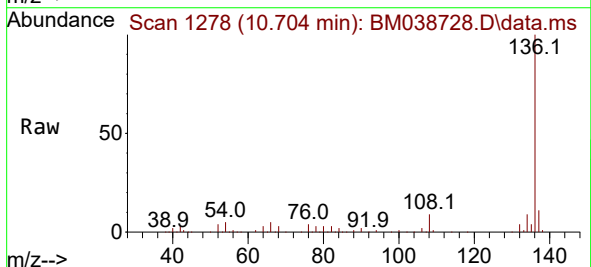
Instrument :
BNA_M
ClientSampleId :
EB-2023-2-3RE

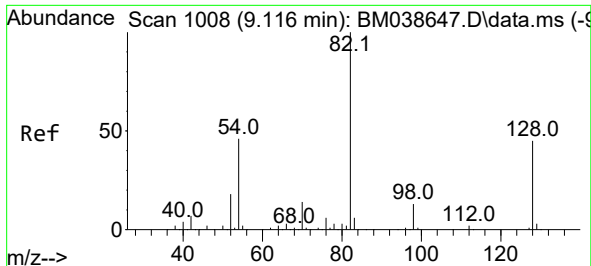
Tgt Ion: 99 Resp: 428887
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 34.8 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM038728.D
Acq: 14 Feb 2023 13:48

Tgt Ion: 136 Resp: 170933
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 5.3 4.2 6.4
68 3.5 2.9 4.3





#23

Nitrobenzene-d5

Concen: 196.569 ng

RT: 9.081 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BM038728.D

Acq: 14 Feb 2023 13:48

Instrument :

BNA_M

ClientSampleId :

EB-2023-2-3RE

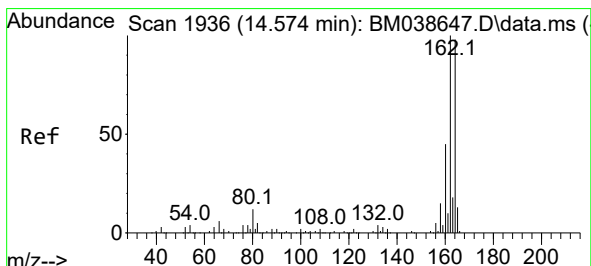
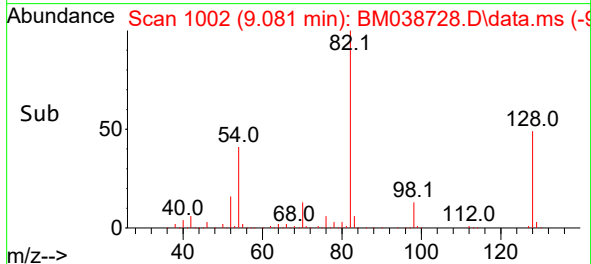
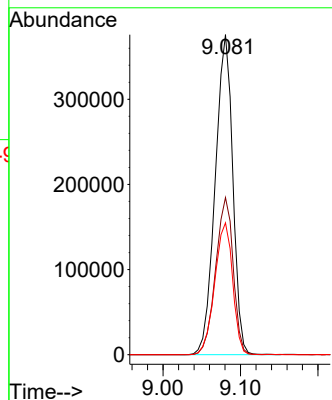
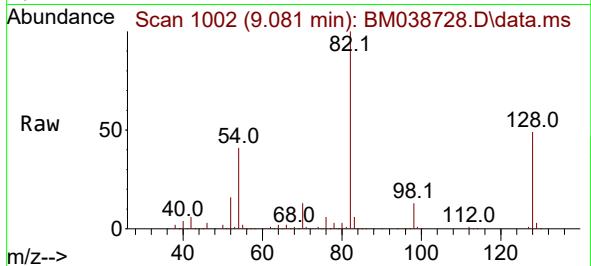
Tgt Ion: 82 Resp: 591546

Ion Ratio Lower Upper

82 100

128 49.1 36.0 54.0

54 41.2 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BM038728.D

Acq: 14 Feb 2023 13:48

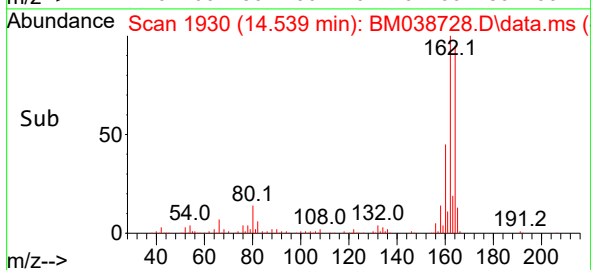
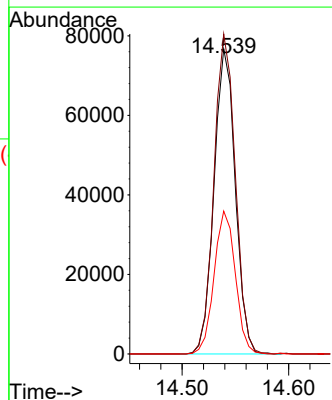
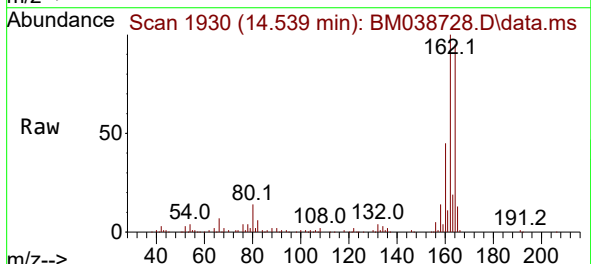
Tgt Ion:164 Resp: 106174

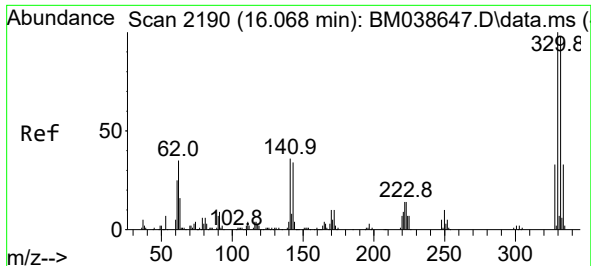
Ion Ratio Lower Upper

164 100

162 104.9 81.4 122.0

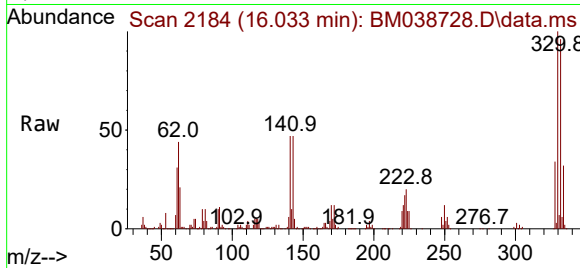
160 46.8 36.5 54.7



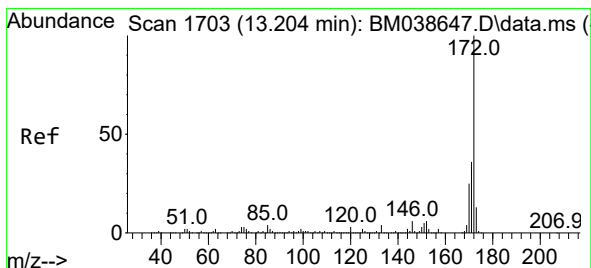
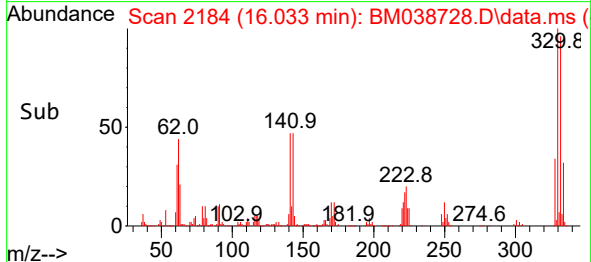
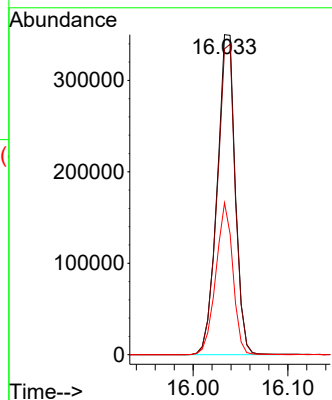


#42
2,4,6-Tribromophenol
Concen: 322.994 ng
RT: 16.033 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038728.D
Acq: 14 Feb 2023 13:48

Instrument :
BNA_M
ClientSampleId :
EB-2023-2-3RE

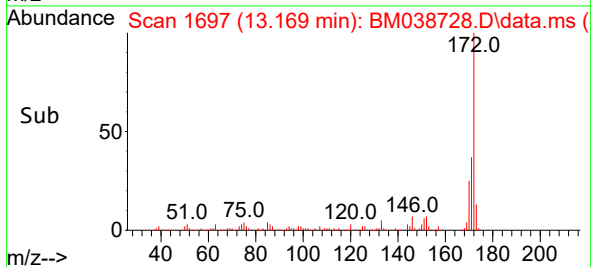
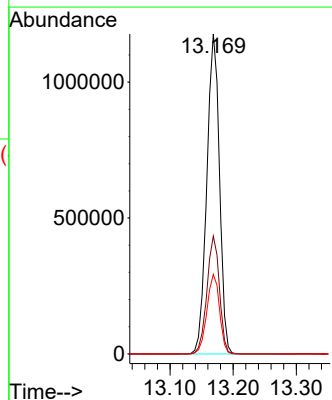
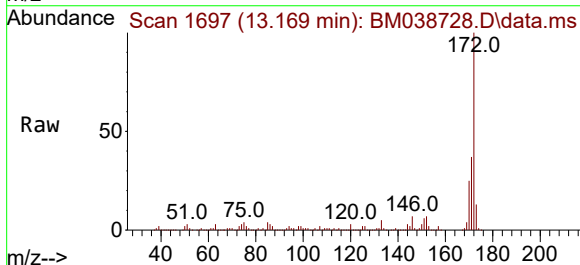


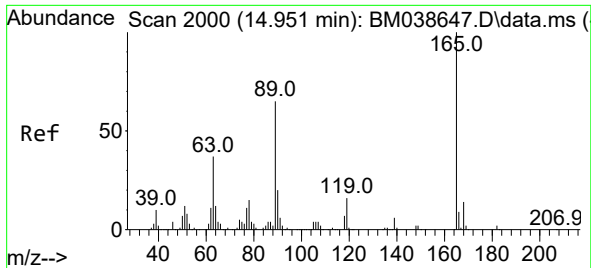
Tgt Ion:330 Resp: 466125
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.6
141 44.5 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 196.091 ng
RT: 13.169 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM038728.D
Acq: 14 Feb 2023 13:48

Tgt Ion:172 Resp: 1635362
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.9 20.0 30.0





#57

2,4-Dinitrotoluene

Concen: 2.272 ng

RT: 15.104 min Scan# 20

Delta R.T. 0.182 min

Lab File: BM038728.D

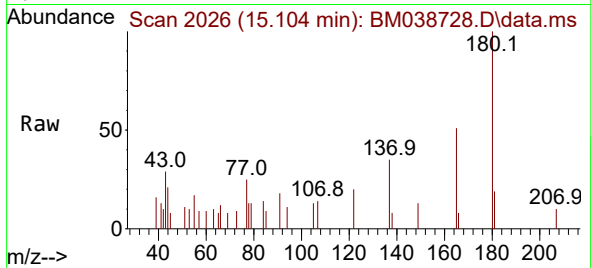
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Instrument :

BNA_M

ClientSampleId :

EB-2023-2-3RE



Tgt Ion:165 Resp: 1721

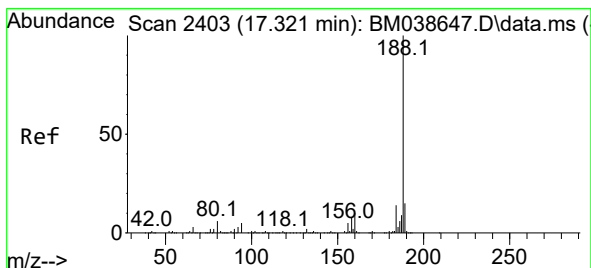
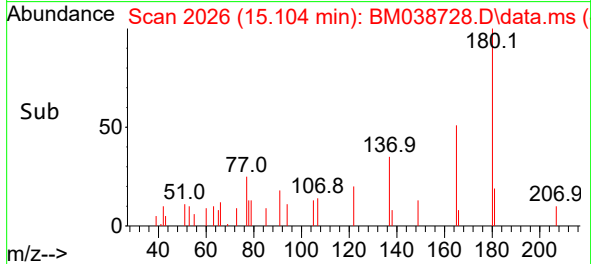
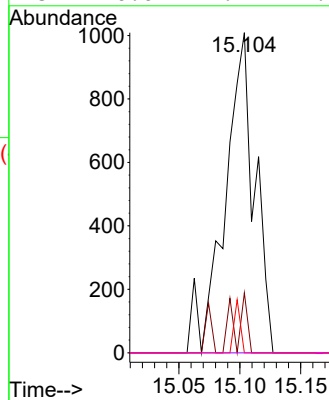
Ion Ratio Lower Upper

165 100

63 18.7 29.4 44.0#

89 0.0 51.8 77.6#

182 0.0 1.4 2.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2397

Delta R.T. 0.000 min

Lab File: BM038728.D

Acq: 14 Feb 2023 13:48

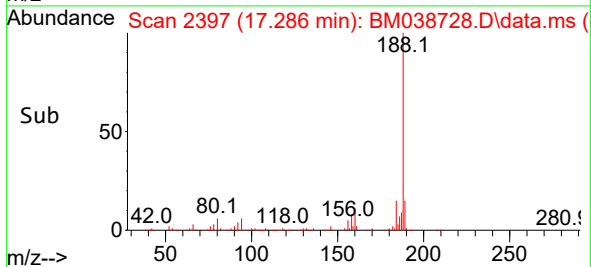
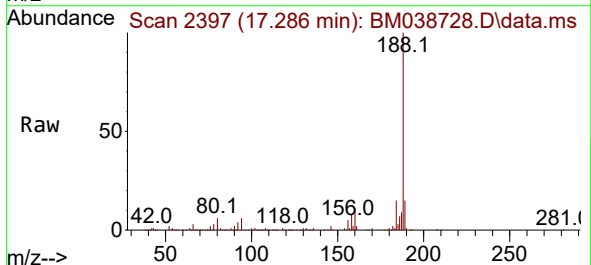
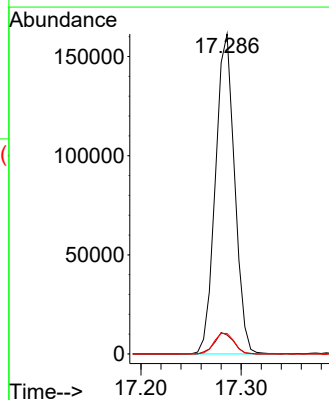
Tgt Ion:188 Resp: 214020

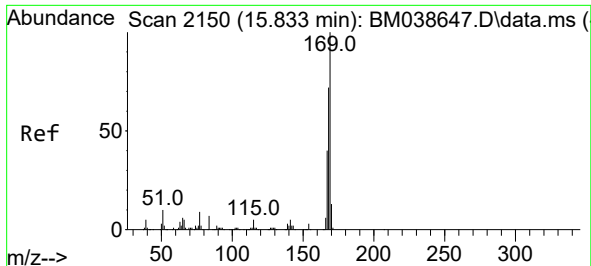
Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.4

80 6.4 4.6 7.0

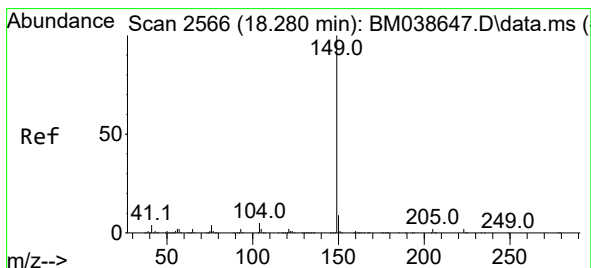
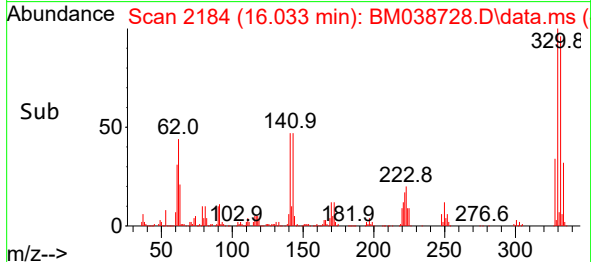
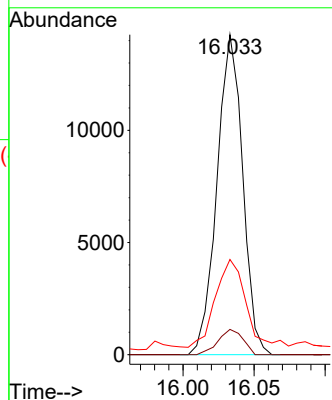
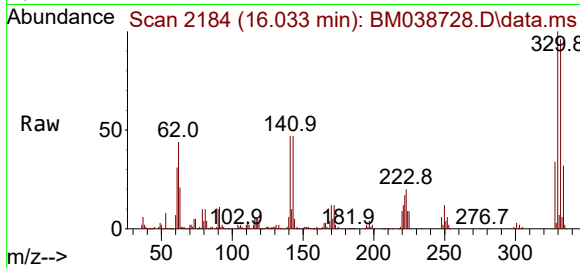




#66
n-Nitrosodiphenylamine
Concen: 2.564 ng
RT: 16.033 min Scan# 2150
Delta R.T. 0.235 min
Lab File: BM038728.D
Acq: 14 Feb 2023 13:48

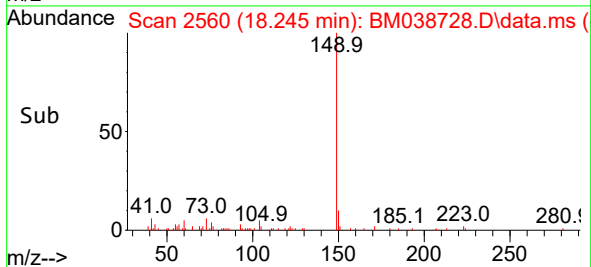
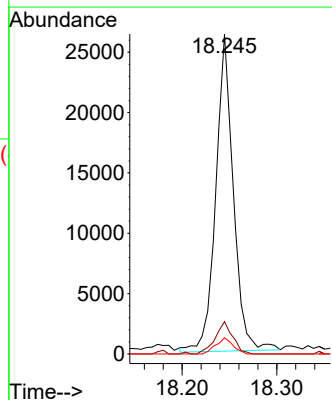
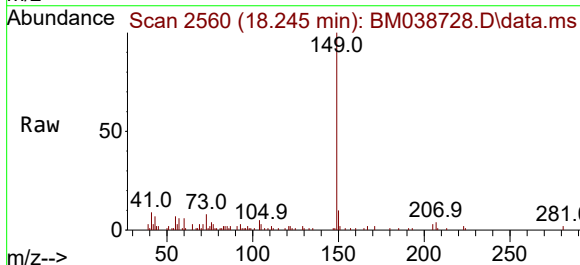
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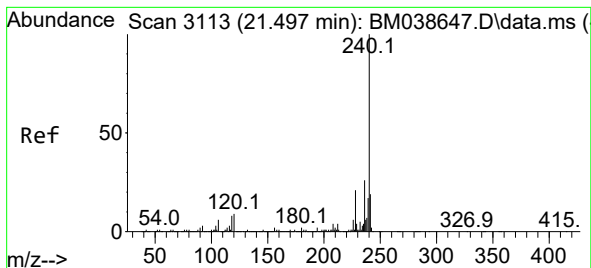
Tgt Ion:169 Resp: 17915
Ion Ratio Lower Upper
169 100
168 7.9 57.6 86.4#
167 29.8 32.3 48.5#



#74
Di-n-butylphthalate
Concen: 2.478 ng
RT: 18.245 min Scan# 2560
Delta R.T. 0.000 min
Lab File: BM038728.D
Acq: 14 Feb 2023 13:48

Tgt Ion:149 Resp: 33941
Ion Ratio Lower Upper
149 100
150 10.1 7.4 11.0
104 5.0 3.8 5.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM038728.D

Acq: 14 Feb 2023 13:48

Instrument :

BNA_M

ClientSampleId :

EB-2023-2-3RE

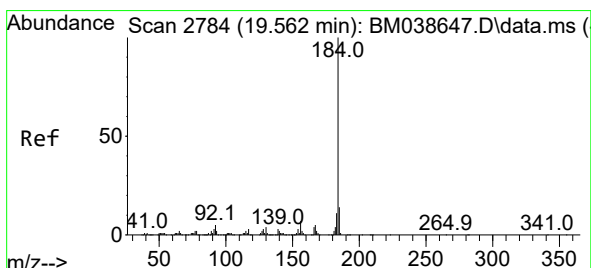
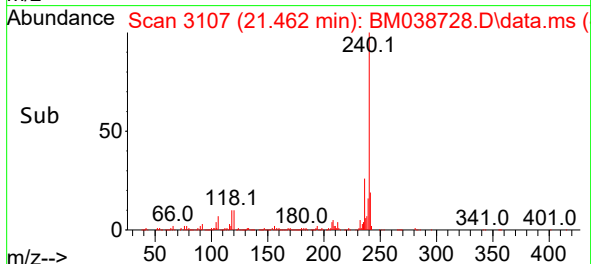
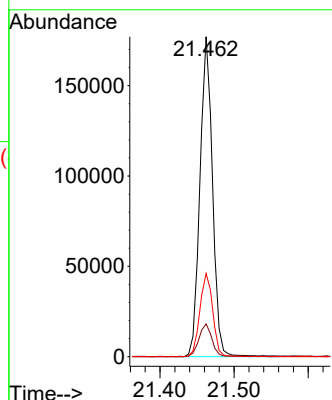
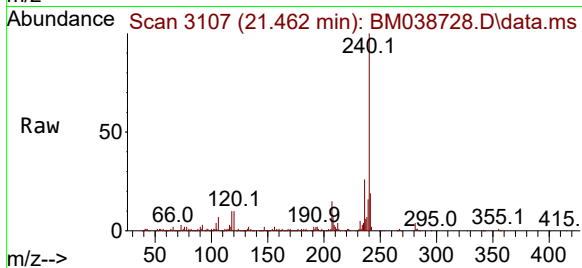
Tgt Ion:240 Resp: 208084

Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.4

236 26.0 20.9 31.3



#77

Benzidine

Concen: 3.135 ng

RT: 19.727 min Scan# 2812

Delta R.T. 0.194 min

Lab File: BM038728.D

Acq: 14 Feb 2023 13:48

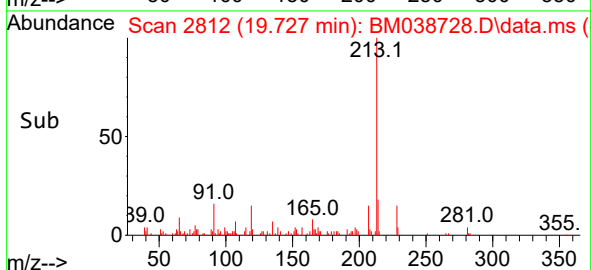
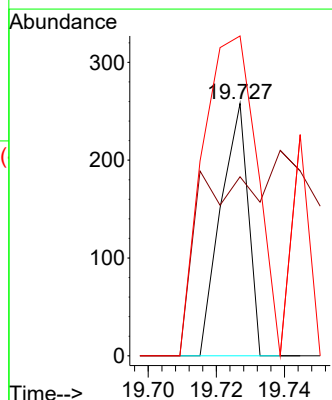
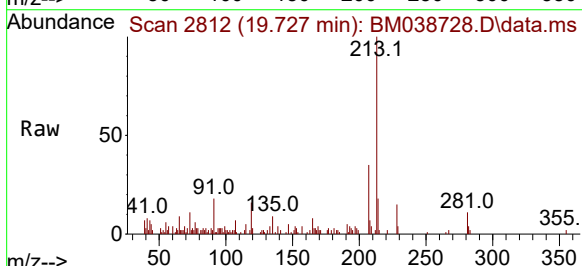
Tgt Ion:184 Resp: 144

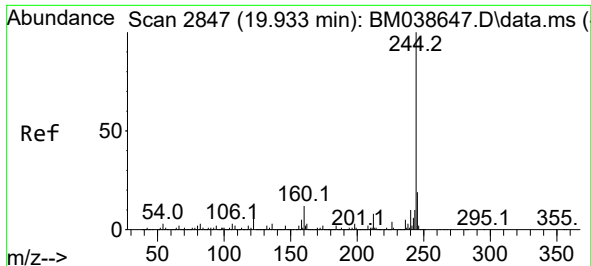
Ion Ratio Lower Upper

184 100

185 70.9 10.8 16.2#

183 126.7 8.8 13.2#

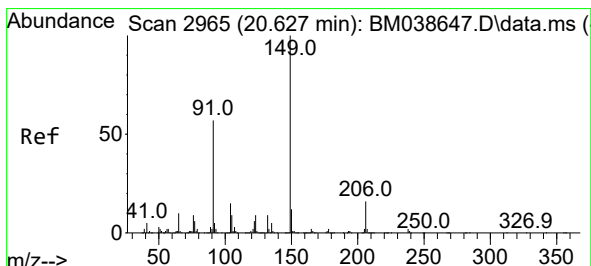
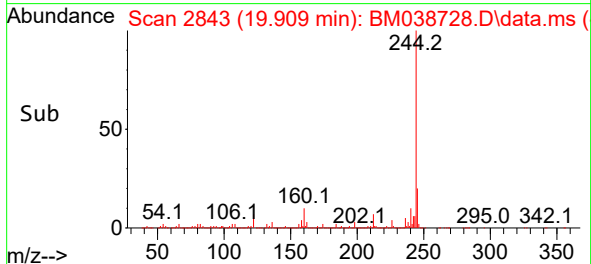
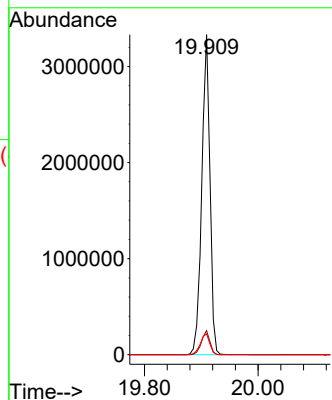
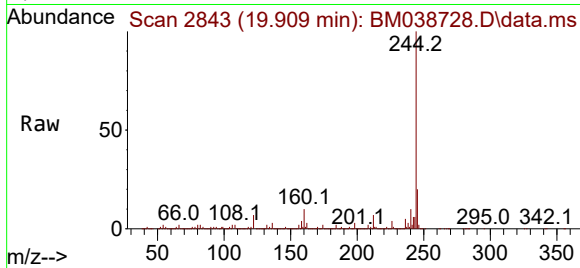




#79
 Terphenyl-d14
 Concen: 282.968 ng
 RT: 19.909 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM038728.D
 Acq: 14 Feb 2023 13:48

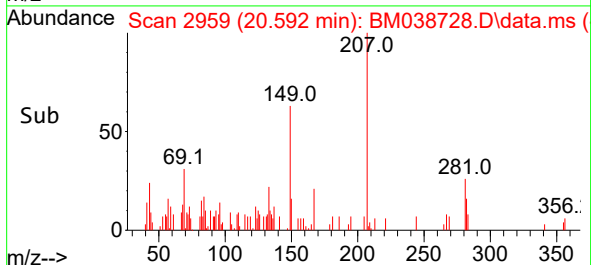
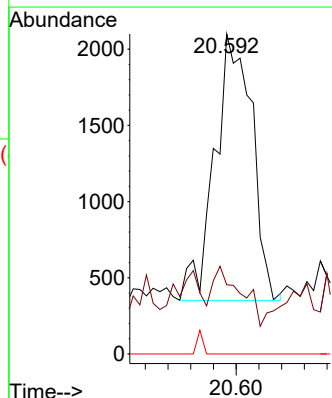
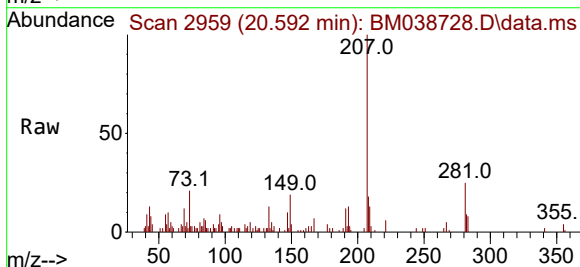
Instrument :
 BNA_M
 ClientSampleId :
 EB-2023-2-3RE

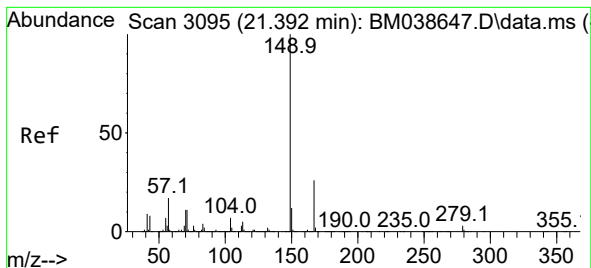
Tgt Ion:244 Resp: 3336664
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 9.8
 122 6.5 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 2.423 ng
 RT: 20.592 min Scan# 2959
 Delta R.T. 0.000 min
 Lab File: BM038728.D
 Acq: 14 Feb 2023 13:48

Tgt Ion:149 Resp: 3978
 Ion Ratio Lower Upper
 149 100
 91 21.6 45.6 68.4#
 206 0.0 12.5 18.7#

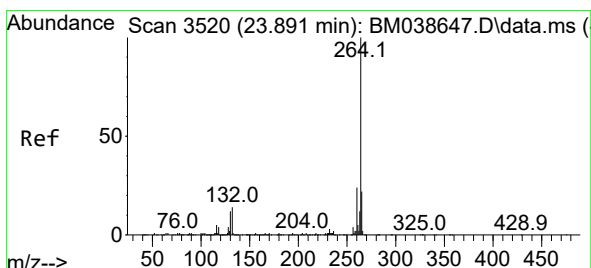
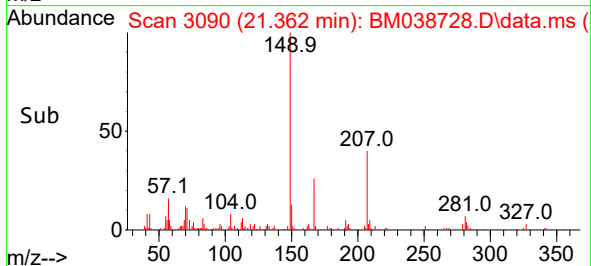
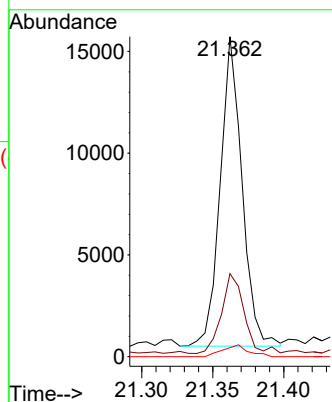
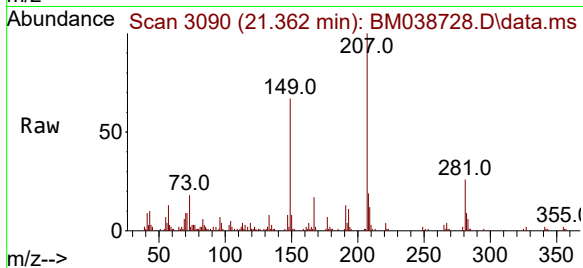




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.849 ng
RT: 21.362 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM038728.D
Acq: 14 Feb 2023 13:48

Instrument :
BNA_M
ClientSampleId :
EB-2023-2-3RE

Tgt Ion:	149	Resp:	16212
Ion Ratio	Lower	Upper	
149	100		
167	26.0	20.8	31.2
279	2.8	2.5	3.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.844 min Scan# 3512
Delta R.T. 0.006 min
Lab File: BM038728.D
Acq: 14 Feb 2023 13:48

Tgt Ion:	264	Resp:	298250
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.6	29.4
265	21.5	17.9	26.9

