

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100322\
 Data File : BM036823.D
 Acq On : 03 Oct 2022 18:49
 Operator : CG/JU
 Sample : PB148034BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148034BL

Quant Time: Oct 04 04:05:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 03:17:03 2022
 Response via : Initial Calibration

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

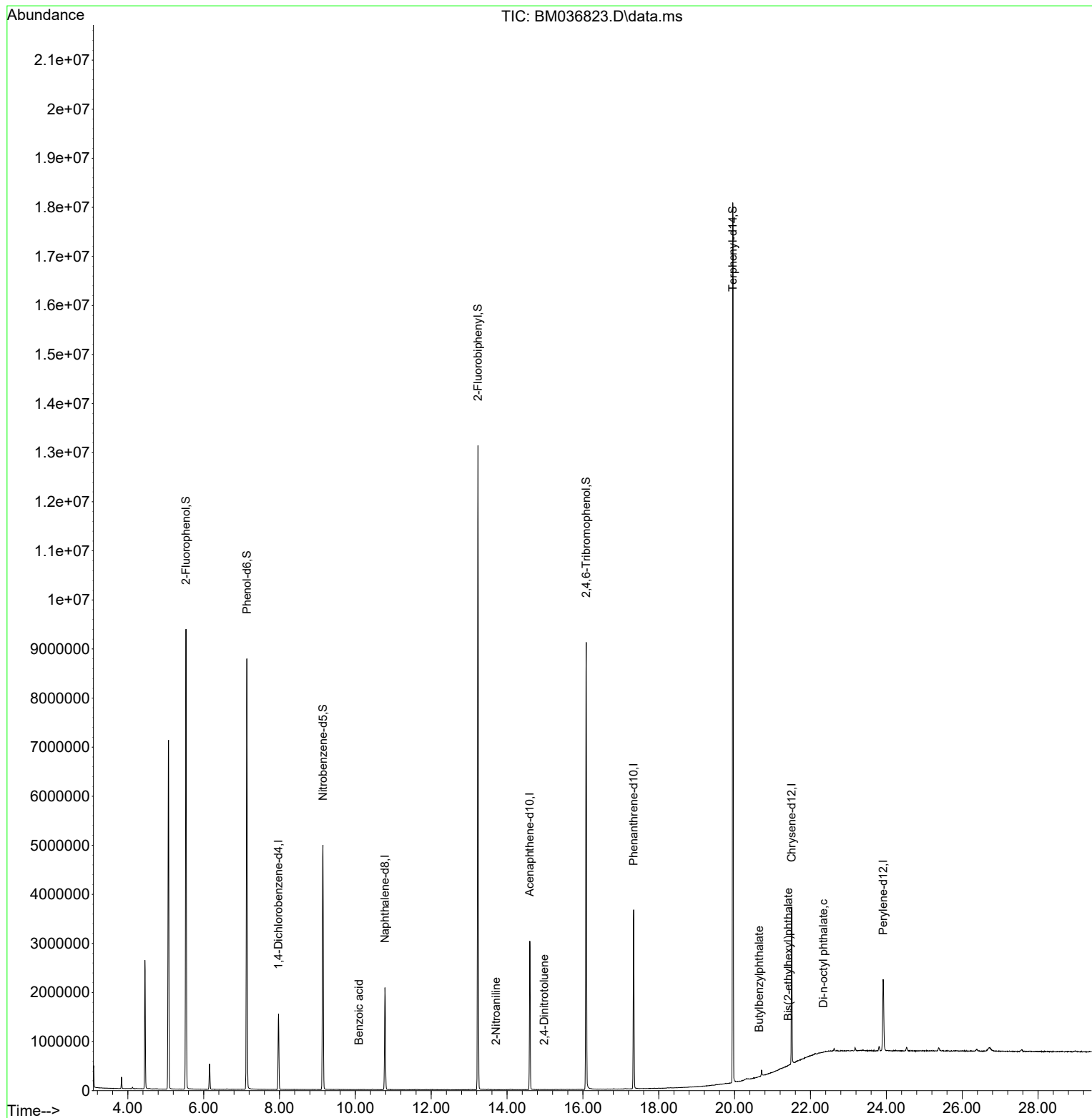
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	396636	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1687971	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	1018047	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	2014929	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1410846	20.000	ng	0.00
86) Perylene-d12	23.915	264	988867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	3836906	171.680	ng	0.00
7) Phenol-d6	7.139	99	4907591	156.327	ng	0.00
23) Nitrobenzene-d5	9.145	82	2880802	91.285	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	1353999	169.578	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	6250494	94.669	ng	0.00
79) Terphenyl-d14	19.950	244	7990273	112.839	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	10.092	122	60	6.802	ng	# 8
48) 2-Nitroaniline	13.710	65	229	2.202	ng	# 5
57) 2,4-Dinitrotoluene	14.980	165	195	2.786	ng	# 35
80) Butylbenzylphthalate	20.650	149	1082	3.327	ng	# 63
84) Bis(2-ethylhexyl)phtha...	21.415	149	1405	2.442	ng	# 79
85) Di-n-octyl phthalate	22.338	149	874	4.063	ng	# 30

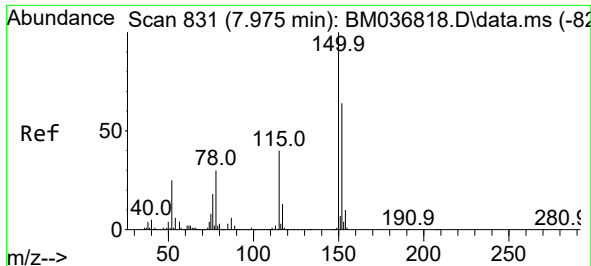
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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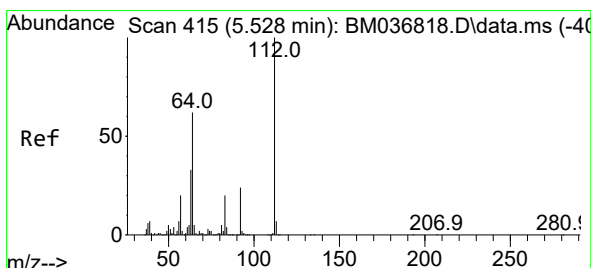
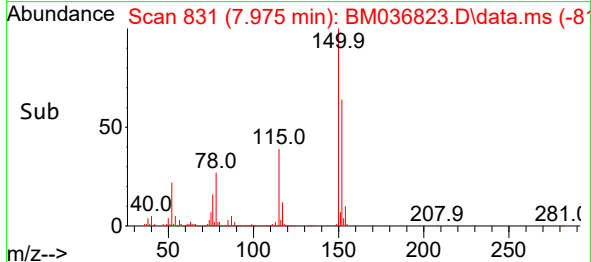
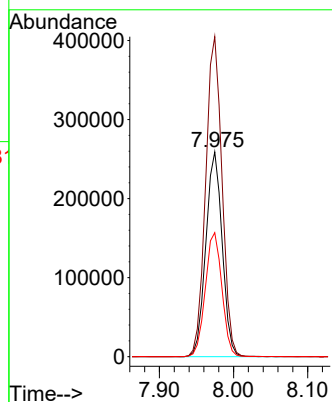
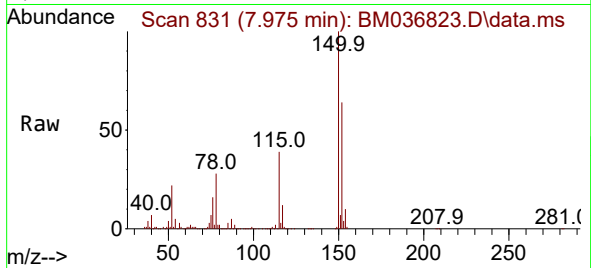




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.975 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM036823.D
 Acq: 03 Oct 2022 18:49

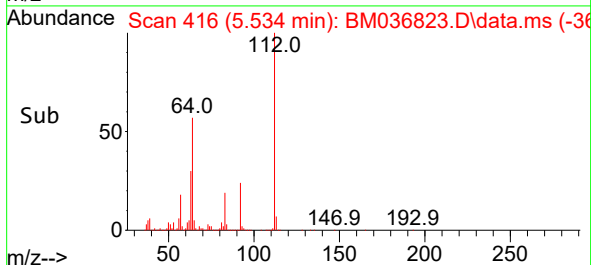
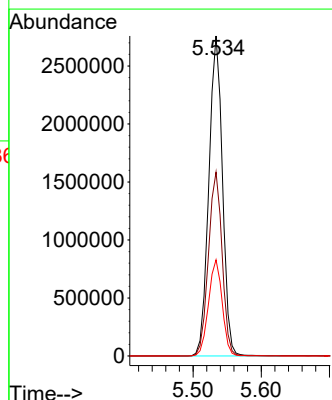
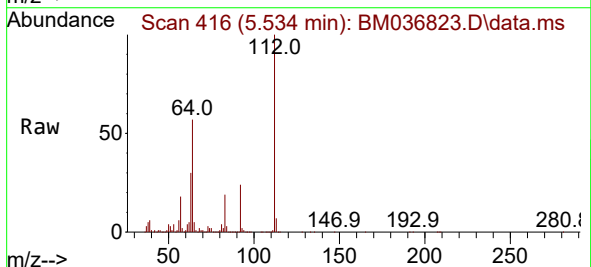
Instrument :
 BNA_M
 ClientSampleId :
 PB148034BL

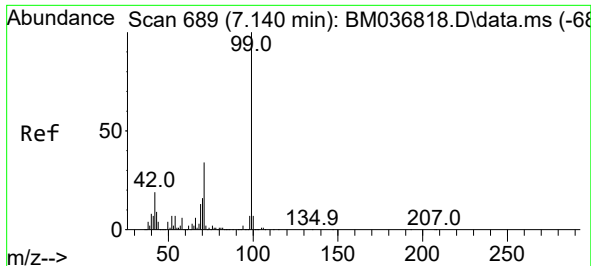
Tgt Ion:152 Resp: 396636
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.9 188.9
 115 60.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 171.680 ng
 RT: 5.534 min Scan# 416
 Delta R.T. 0.006 min
 Lab File: BM036823.D
 Acq: 03 Oct 2022 18:49

Tgt Ion:112 Resp: 3836906
 Ion Ratio Lower Upper
 112 100
 64 57.5 49.6 74.4
 63 30.0 26.2 39.4

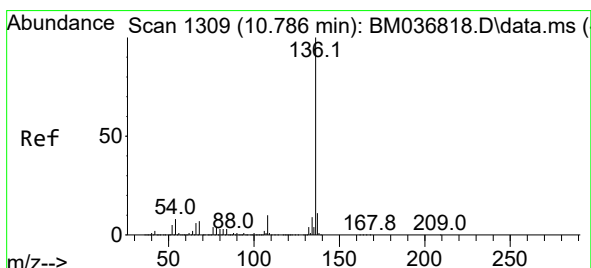
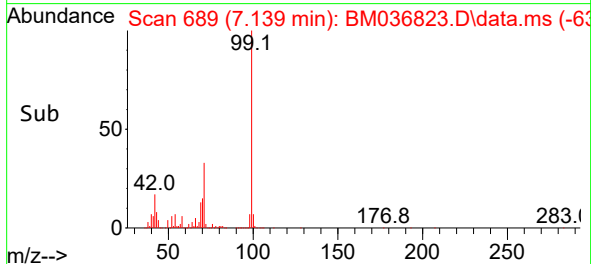
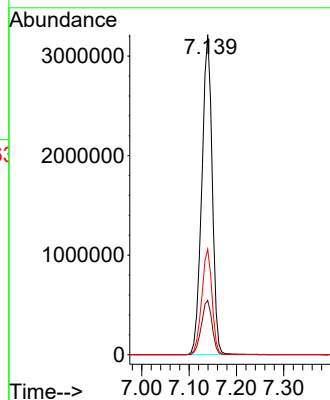
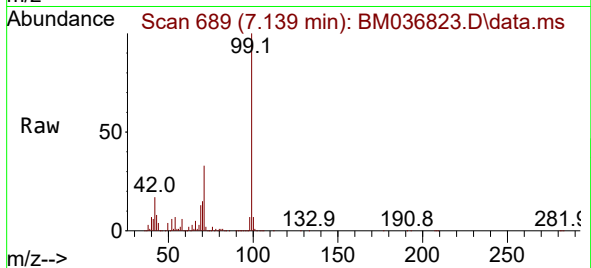




#7
Phenol-d6
Concen: 156.327 ng
RT: 7.139 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM036823.D
Acq: 03 Oct 2022 18:49

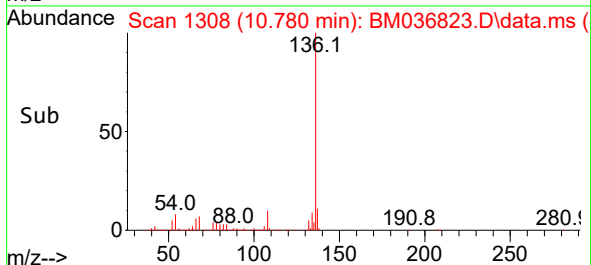
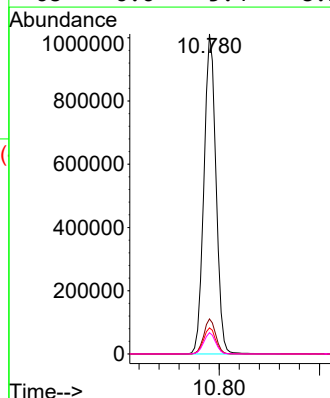
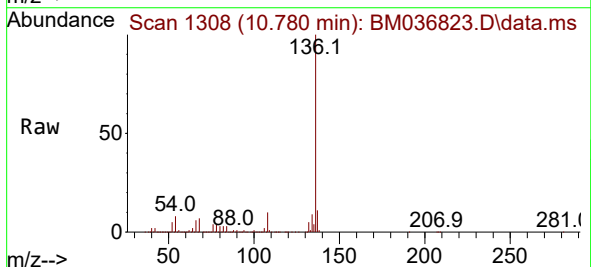
Instrument :
BNA_M
ClientSampleId :
PB148034BL

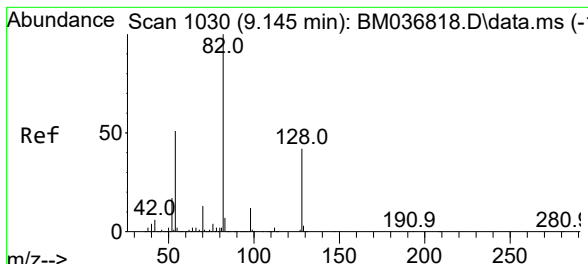
Tgt Ion: 99 Resp: 4907591
Ion Ratio Lower Upper
99 100
42 17.0 15.4 23.0
71 32.9 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BM036823.D
Acq: 03 Oct 2022 18:49

Tgt Ion:136 Resp: 1687971
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 6.7 10.1
68 6.6 5.4 8.2



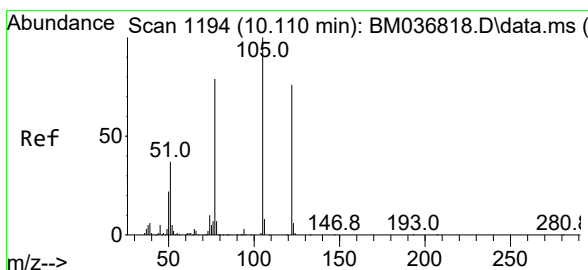
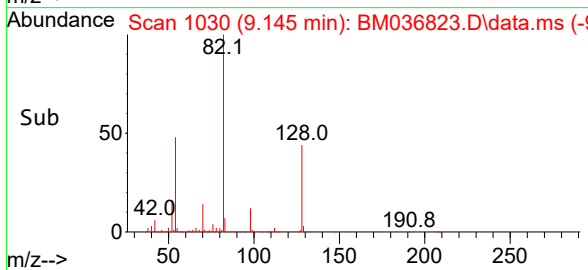
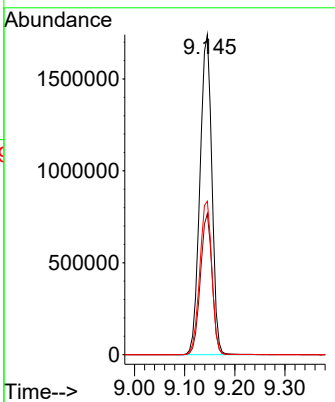
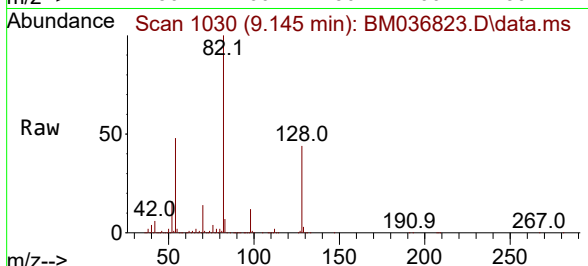


#23
 Nitrobenzene-d5
 Concen: 91.285 ng
 RT: 9.145 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: BM036823.D
 Acq: 03 Oct 2022 18:49

Instrument :
 BNA_M
 ClientSampleId :
 PB148034BL

Tgt Ion: 82 Resp: 2880802

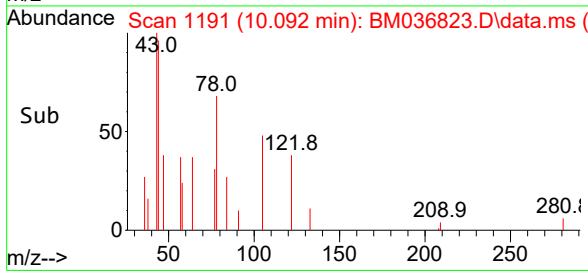
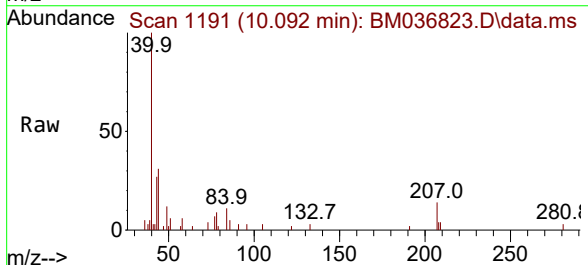
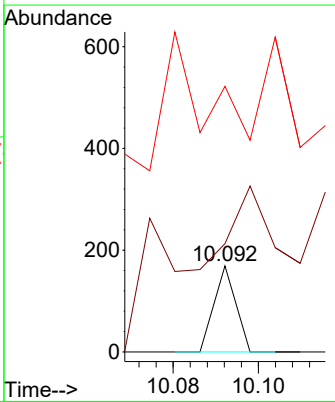
Ion	Ratio	Lower	Upper
82	100		
128	44.1	33.2	49.8
54	47.9	40.6	60.8

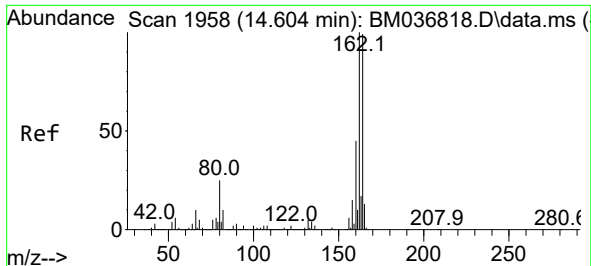


#32
 Benzoic acid
 Concen: 6.802 ng
 RT: 10.092 min Scan# 1191
 Delta R.T. -0.018 min
 Lab File: BM036823.D
 Acq: 03 Oct 2022 18:49

Tgt Ion: 122 Resp: 60

Ion	Ratio	Lower	Upper
122	100		
105	126.0	106.4	146.4
77	308.9	81.4	121.4

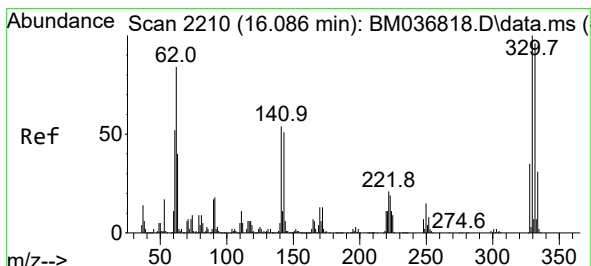
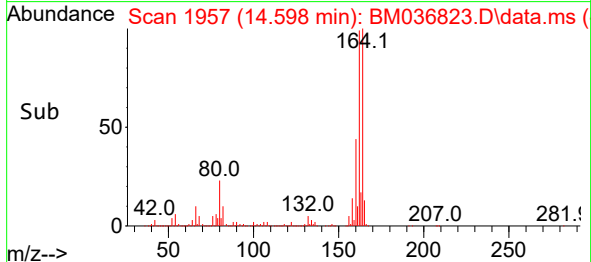
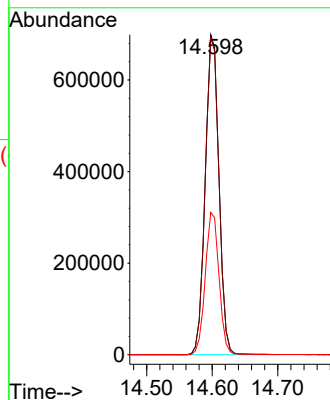
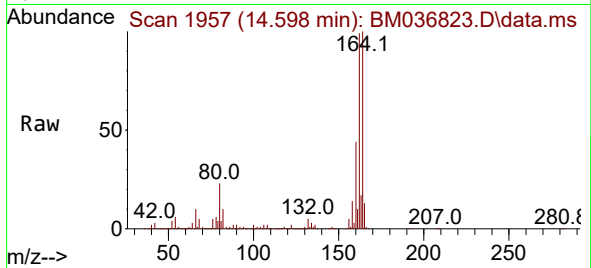




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BM036823.D
Acq: 03 Oct 2022 18:49

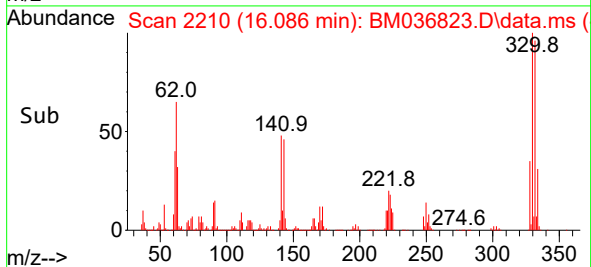
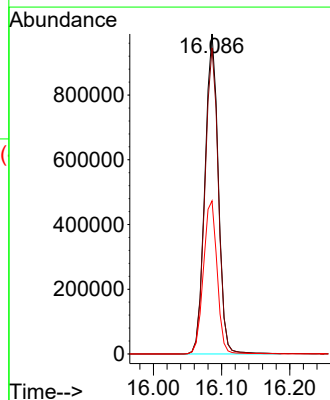
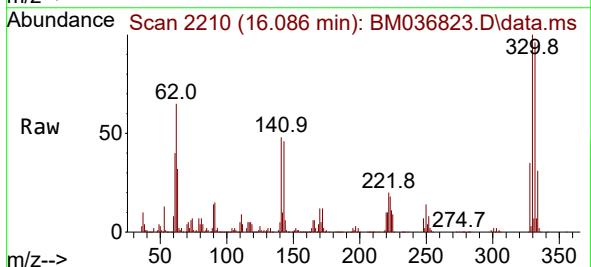
Instrument :
BNA_M
ClientSampleId :
PB148034BL

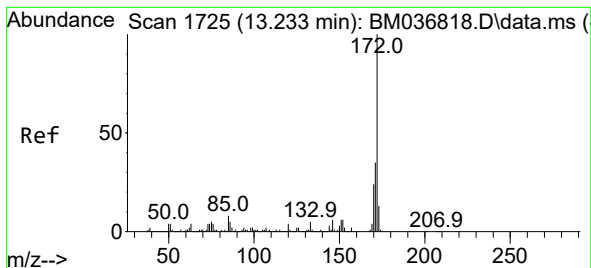
Tgt Ion:164 Resp: 1018047
Ion Ratio Lower Upper
164 100
162 99.3 80.5 120.7
160 44.4 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 169.578 ng
RT: 16.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BM036823.D
Acq: 03 Oct 2022 18:49

Tgt Ion:330 Resp: 1353999
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 49.0 41.5 62.3





#45

2-Fluorobiphenyl

Concen: 94.669 ng

RT: 13.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM036823.D

Acq: 03 Oct 2022 18:49

Instrument :

BNA_M

ClientSampleId :

PB148034BL

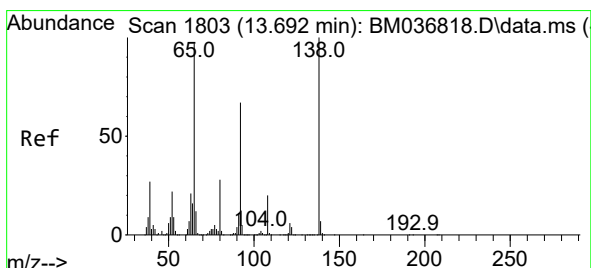
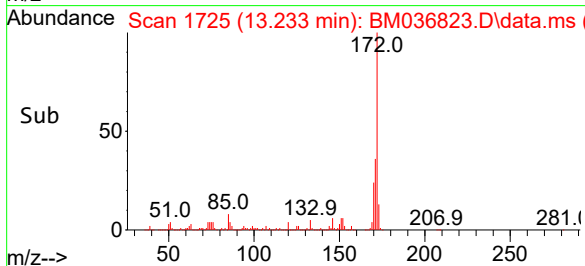
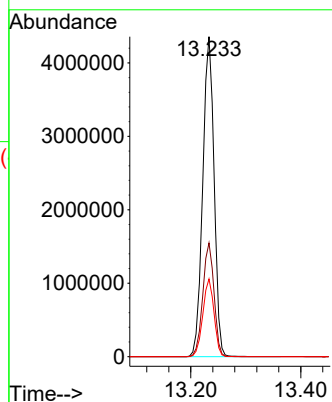
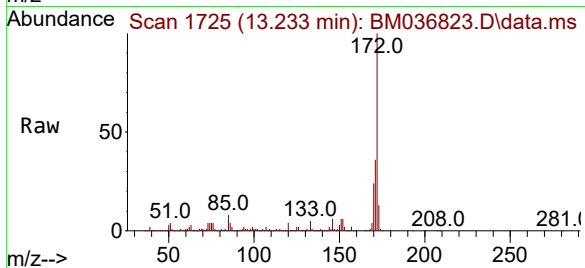
Tgt Ion:172 Resp: 6250494

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.3 19.0 28.6



#48

2-Nitroaniline

Concen: 2.202 ng

RT: 13.710 min Scan# 1806

Delta R.T. 0.018 min

Lab File: BM036823.D

Acq: 03 Oct 2022 18:49

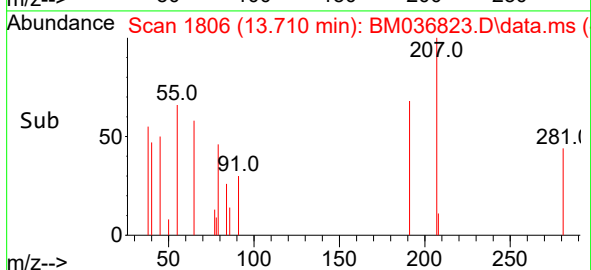
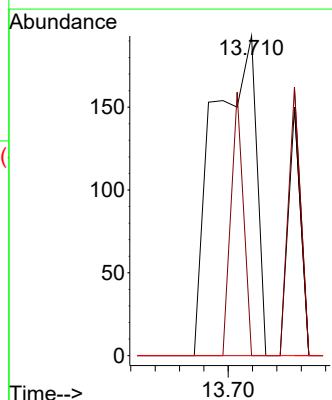
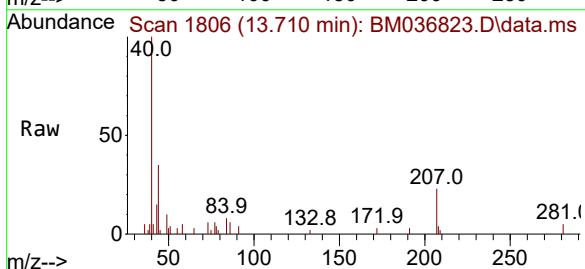
Tgt Ion: 65 Resp: 229

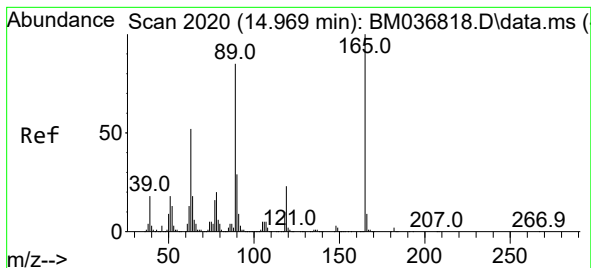
Ion Ratio Lower Upper

65 100

92 0.0 55.0 82.4#

138 0.0 82.5 123.7#





#57

2,4-Dinitrotoluene

Concen: 2.786 ng

RT: 14.980 min Scan# 20

Delta R.T. 0.011 min

Lab File: BM036823.D

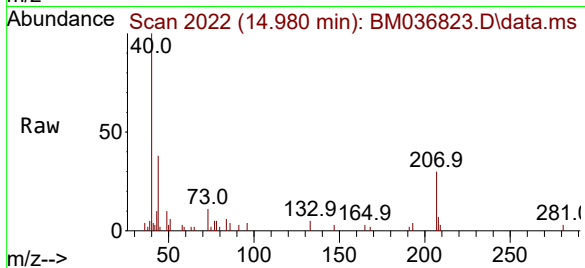
Acq: 03 Oct 2022 18:49

Instrument :

BNA_M

ClientSampleId :

PB148034BL



Tgt Ion:165 Resp: 195

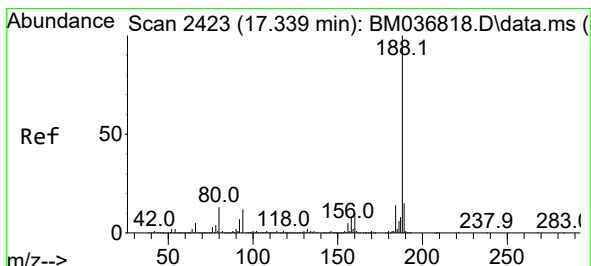
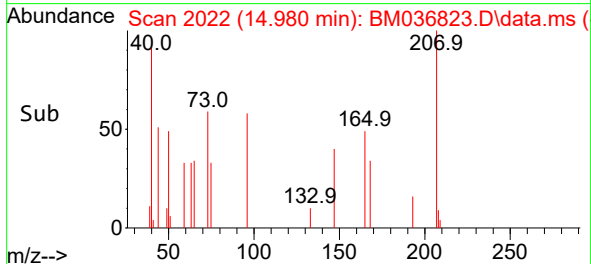
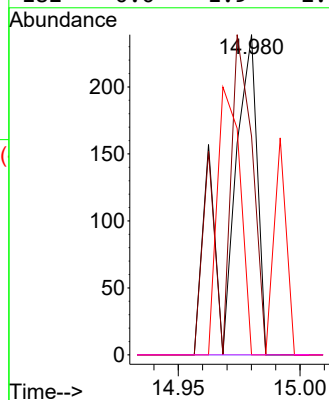
Ion Ratio Lower Upper

165 100

63 68.2 41.8 62.8#

89 0.0 68.2 102.2#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BM036823.D

Acq: 03 Oct 2022 18:49

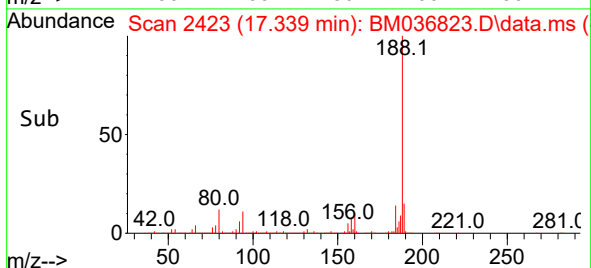
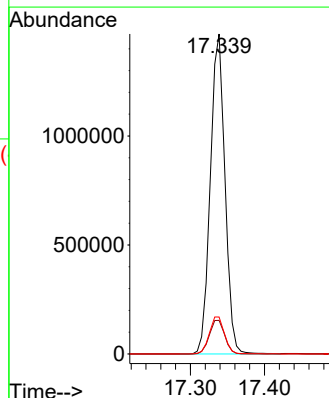
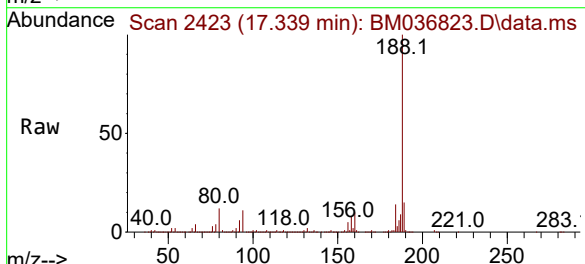
Tgt Ion:188 Resp: 2014929

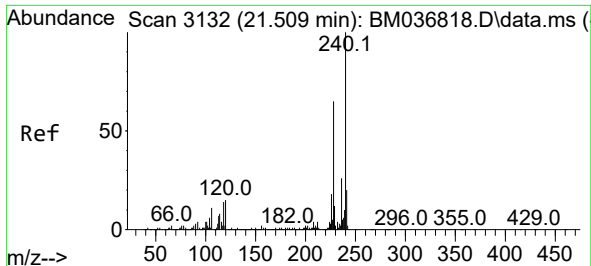
Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.0

80 11.6 10.2 15.4

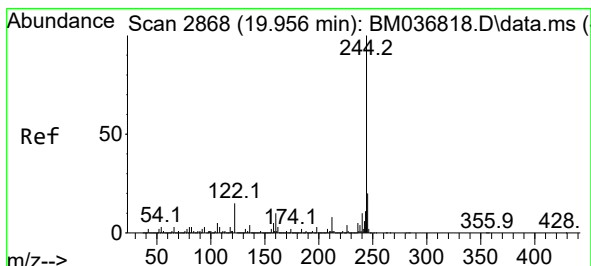
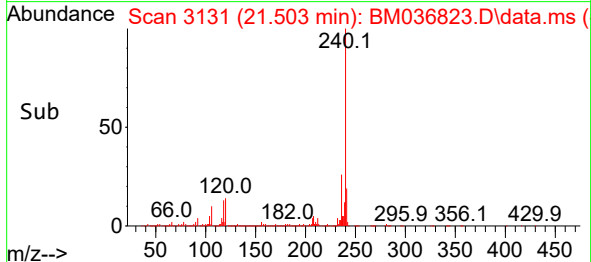
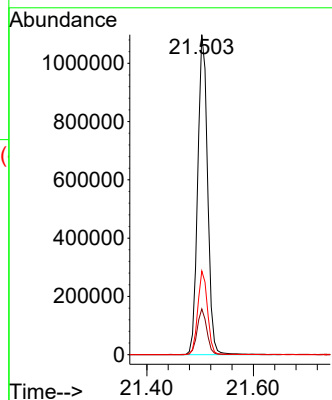
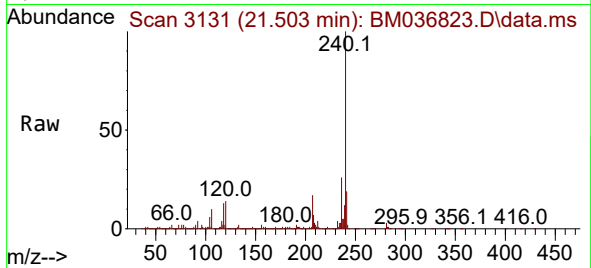




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BM036823.D
Acq: 03 Oct 2022 18:49

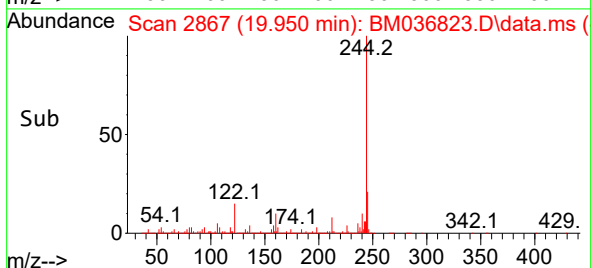
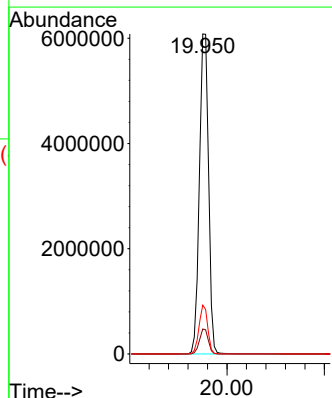
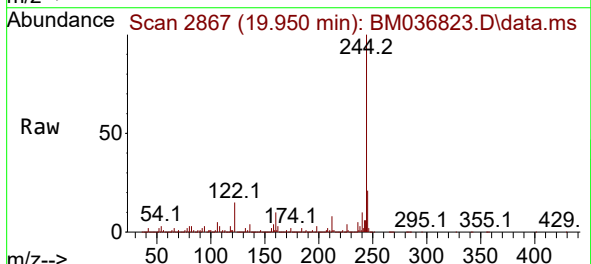
Instrument :
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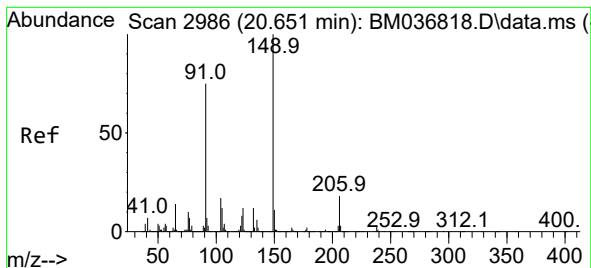
Tgt Ion:240 Resp: 1410846
Ion Ratio Lower Upper
240 100
120 14.3 12.1 18.1
236 26.2 20.8 31.2



#79
Terphenyl-d14
Concen: 112.839 ng
RT: 19.950 min Scan# 2867
Delta R.T. -0.006 min
Lab File: BM036823.D
Acq: 03 Oct 2022 18:49

Tgt Ion:244 Resp: 7990273
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 15.2 12.0 18.0





#80

Butylbenzylphthalate

Concen: 3.327 ng

RT: 20.650 min Scan# 2986

Delta R.T. -0.001 min

Lab File: BM036823.D

Acq: 03 Oct 2022 18:49

Instrument :

BNA_M

ClientSampleId :

PB148034BL

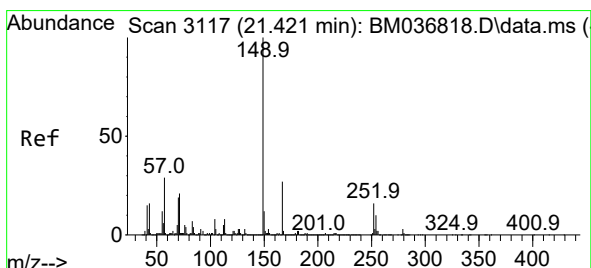
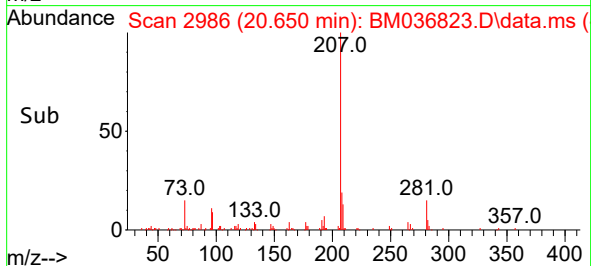
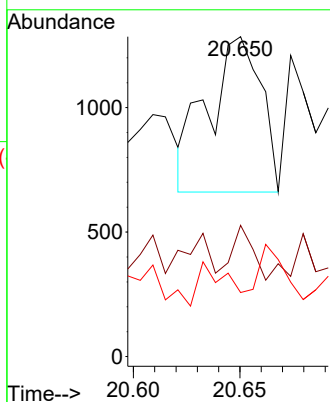
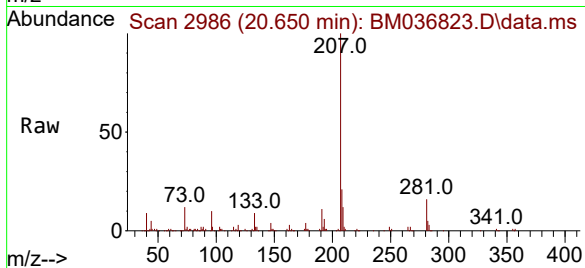
Tgt Ion:149 Resp: 1082

Ion Ratio Lower Upper

149 100

91 36.4 60.4 90.6#

206 17.7 14.4 21.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.442 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM036823.D

Acq: 03 Oct 2022 18:49

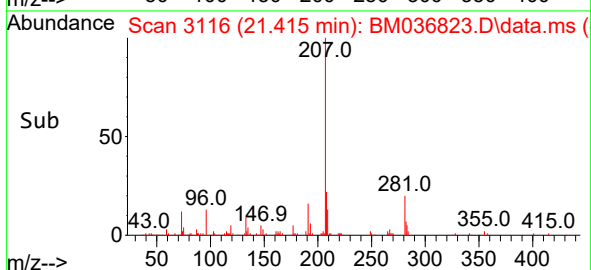
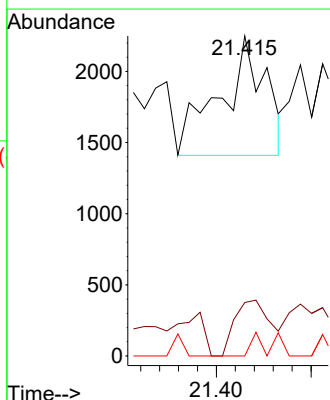
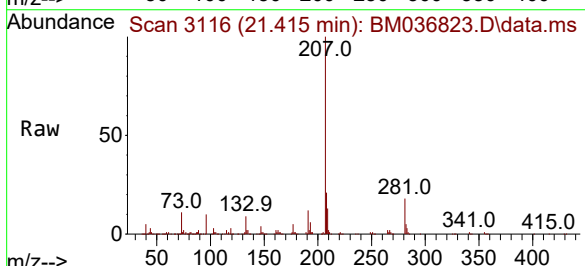
Tgt Ion:149 Resp: 1405

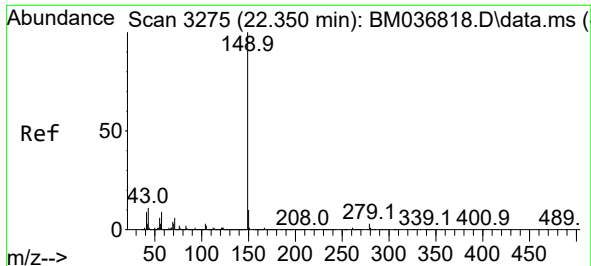
Ion Ratio Lower Upper

149 100

167 15.2 21.3 31.9#

279 0.0 2.4 3.6#

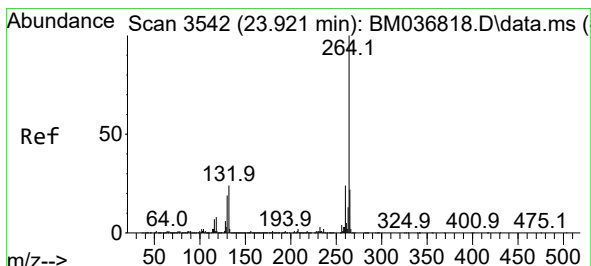
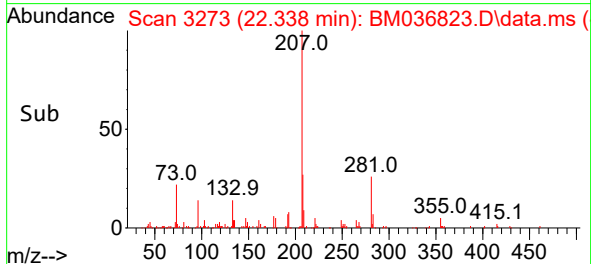
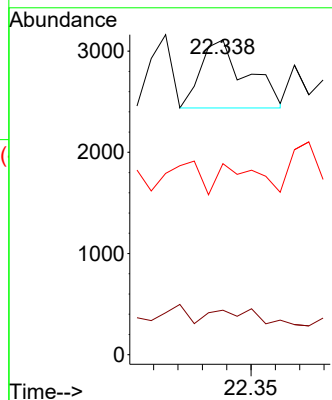
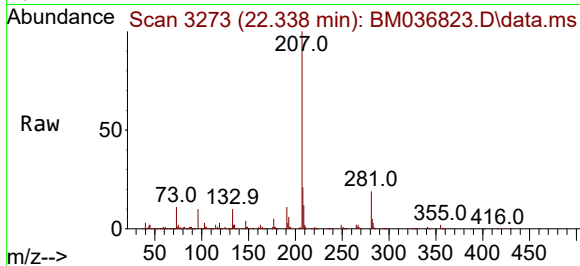




#85
Di-n-octyl phthalate
Concen: 4.063 ng
RT: 22.338 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036823.D
Acq: 03 Oct 2022 18:49

Instrument :
BNA_M
ClientSampleId :
PB148034BL

Tgt Ion:149 Resp: 874
Ion Ratio Lower Upper
149 100
167 20.7 1.2 1.8#
43 38.9 8.9 13.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.915 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BM036823.D
Acq: 03 Oct 2022 18:49

Tgt Ion:264 Resp: 988867
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 22.6 17.9 26.9

