

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
 Data File : BM044756.D
 Acq On : 25 Mar 2024 15:22
 Operator : MA/JU
 Sample : P1845-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BELL-CON

Quant Time: Mar 25 15:56:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

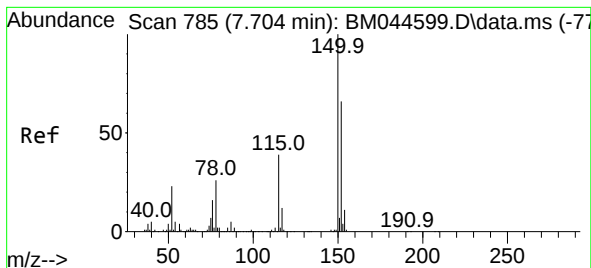
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	183446	20.000	ng	-0.01
21) Naphthalene-d8	10.469	136	713794	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	395780	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	763141	20.000	ng	-0.01
76) Chrysene-d12	21.297	240	547859	20.000	ng	# 0.00
86) Perylene-d12	23.556	264	583793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1041584	81.522	ng	0.00
7) Phenol-d6	6.875	99	1309076	79.640	ng	0.00
23) Nitrobenzene-d5	8.851	82	808668	54.579	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	389416	89.207	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	1583811	55.113	ng	-0.02
79) Terphenyl-d14	19.739	244	1869382	59.691	ng	0.00
Target Compounds						
						Qvalue
22) Acetophenone	8.516	105	90527	4.827	ng	# 94
27) 2,4-Dimethylphenol	9.781	122	86318	7.766	ng	# 5
32) Benzoic acid	9.781	122	86318	12.617	ng	94
54) 2,4-Dinitrophenol	14.304	184	152	4.545	ng	# 13
74) Di-n-butylphthalate	18.074	149	129112	2.515	ng	# 94
75) Fluoranthene	19.156	202	146264	3.103	ng	96
77) Benzidine	19.368	184	39767	2.808	ng	# 37
78) Pyrene	19.521	202	100360	2.499	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.227	149	960766	35.240	ng	99

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

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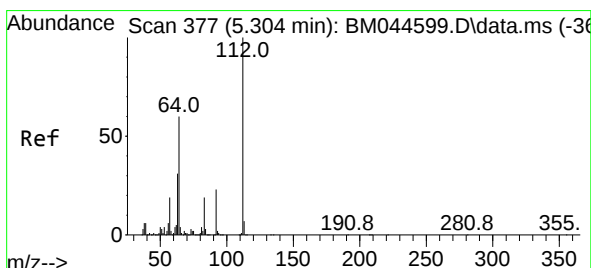
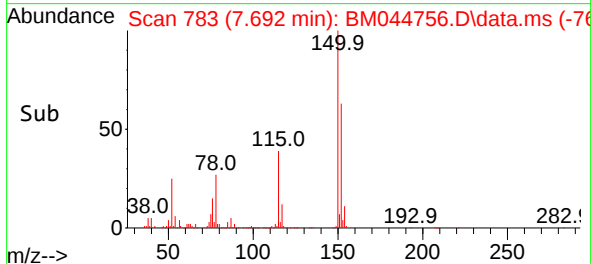
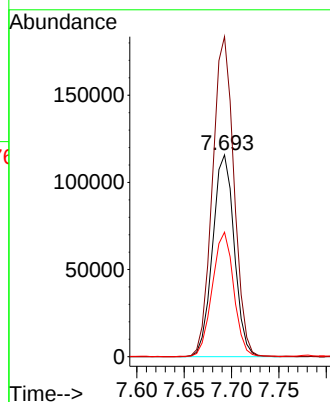
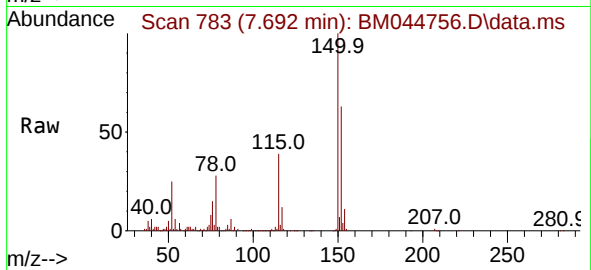




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.692 min Scan# 785
Delta R.T. -0.011 min
Lab File: BM044756.D
Acq: 25 Mar 2024 15:22

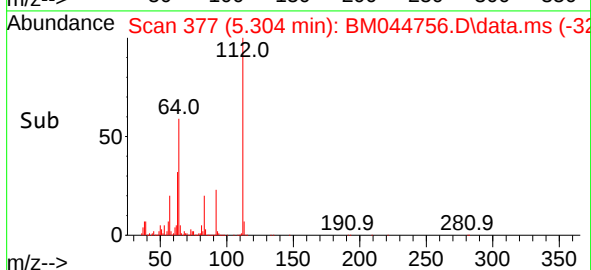
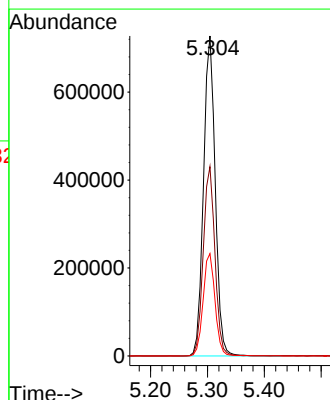
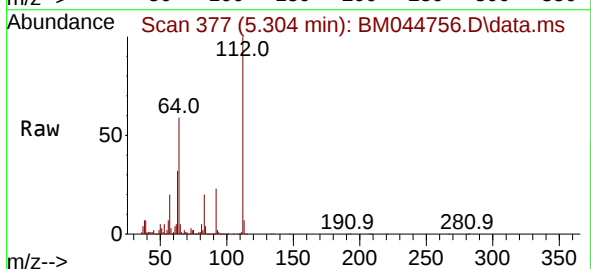
Instrument :
BNA_M
ClientSampleId :
BELL-CON

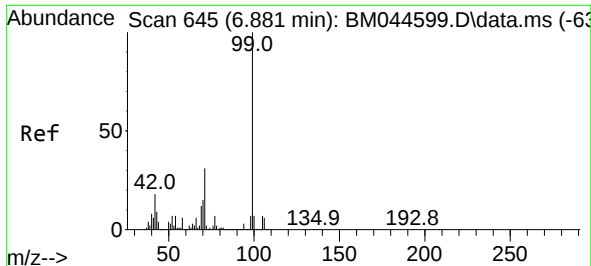
Tgt Ion:152 Resp: 183446
Ion Ratio Lower Upper
152 100
150 158.5 121.9 182.9
115 61.7 47.1 70.7



#5
2-Fluorophenol
Concen: 81.522 ng
RT: 5.304 min Scan# 377
Delta R.T. 0.000 min
Lab File: BM044756.D
Acq: 25 Mar 2024 15:22

Tgt Ion:112 Resp: 1041584
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 32.0 25.0 37.4

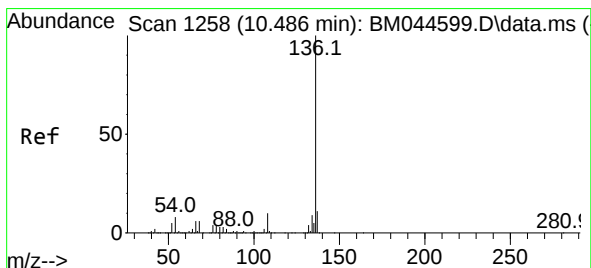
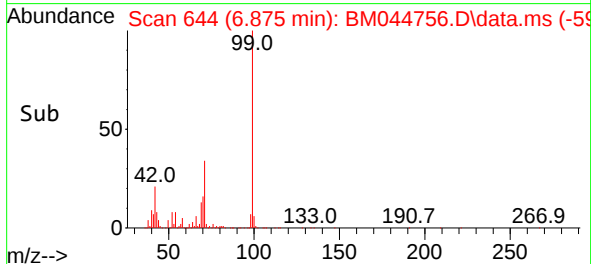
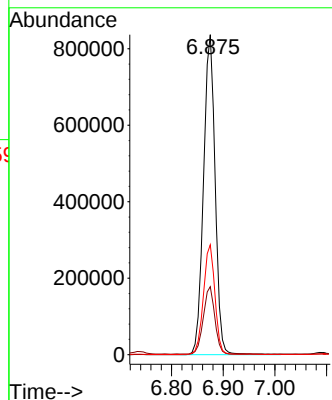
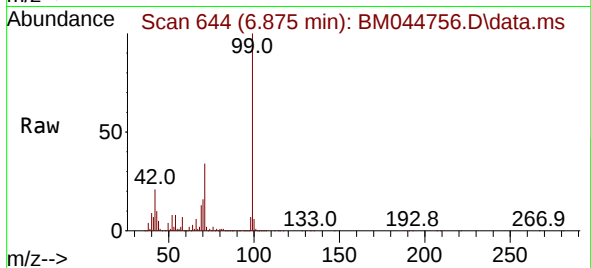




#7
Phenol-d6
Concen: 79.640 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044756.D
Acq: 25 Mar 2024 15:22

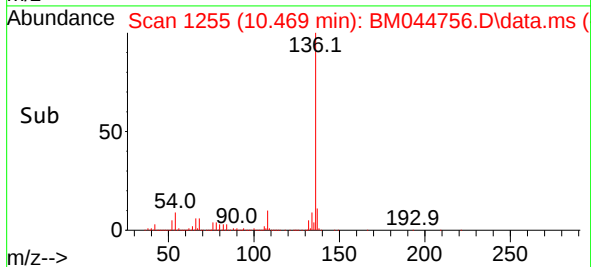
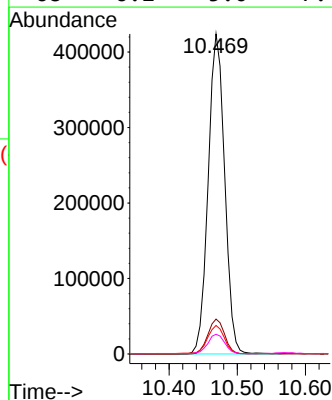
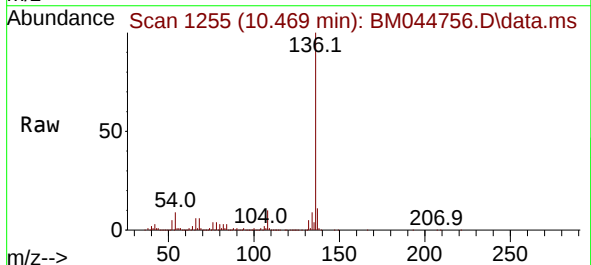
Instrument :
BNA_M
ClientSampleId :
BELL-CON

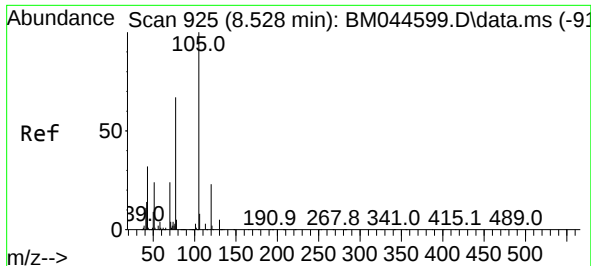
Tgt Ion: 99 Resp: 1309076
Ion Ratio Lower Upper
99 100
42 21.3 14.3 21.5
71 34.3 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM044756.D
Acq: 25 Mar 2024 15:22

Tgt Ion: 136 Resp: 713794
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.9 6.6 10.0
68 6.2 5.0 7.4

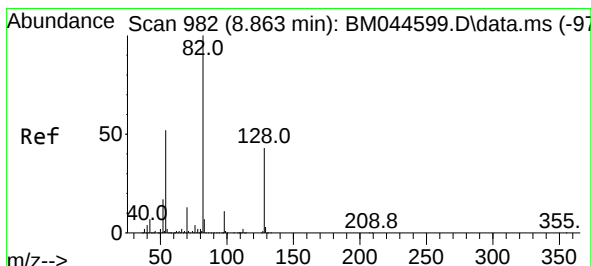
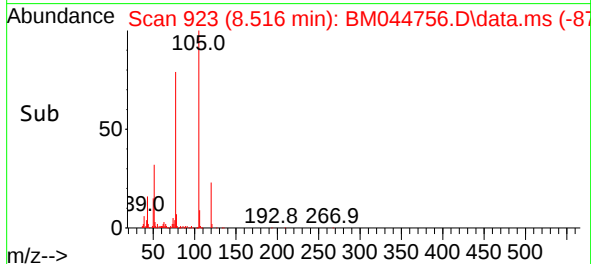
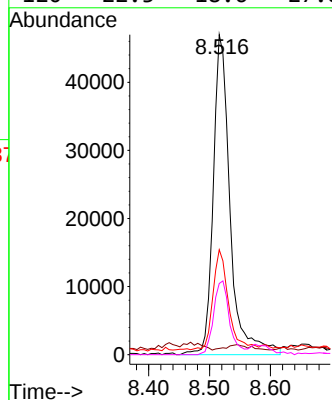
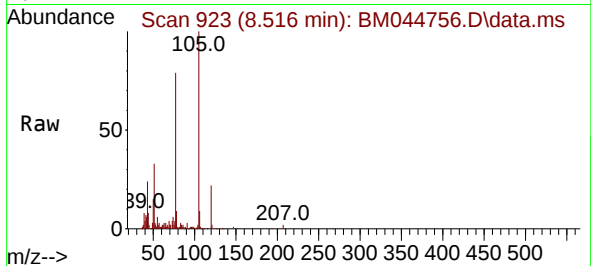




#22
Acetophenone
Concen: 4.827 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044756.D
Acq: 25 Mar 2024 15:22

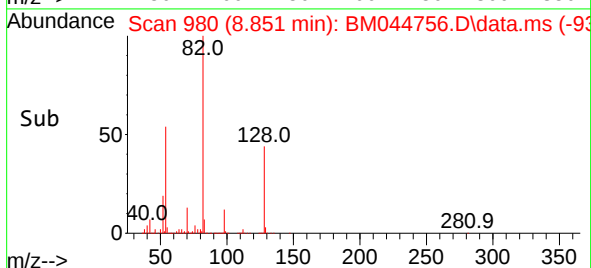
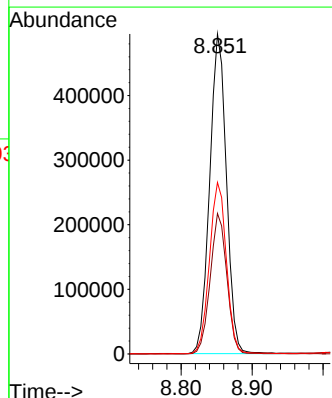
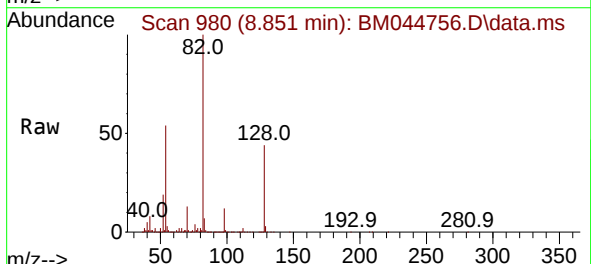
Instrument :
BNA_M
ClientSampleId :
BELL-CON

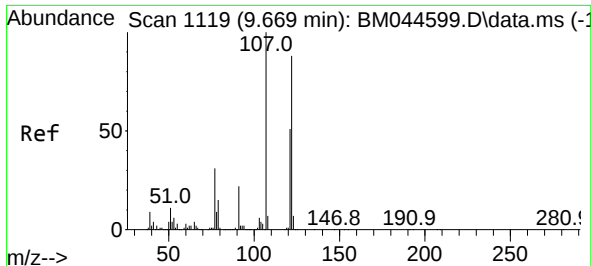
Tgt Ion:105 Resp: 90527
Ion Ratio Lower Upper
105 100
71 2.0 3.4 5.2#
51 32.8 22.2 33.4
120 22.3 18.6 27.8



#23
Nitrobenzene-d5
Concen: 54.579 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.012 min
Lab File: BM044756.D
Acq: 25 Mar 2024 15:22

Tgt Ion: 82 Resp: 808668
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 53.6 41.3 61.9





#27

2,4-Dimethylphenol

Concen: 7.766 ng

RT: 9.781 min Scan# 1118

Delta R.T. 0.112 min

Lab File: BM044756.D

Acq: 25 Mar 2024 15:22

Instrument :

BNA_M

ClientSampleId :

BELL-CON

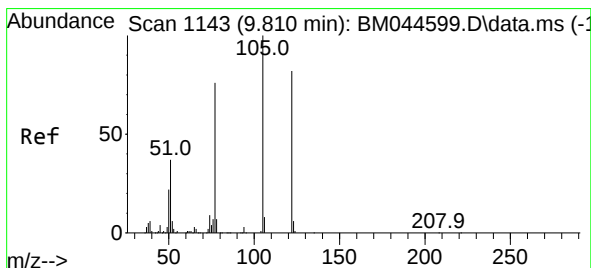
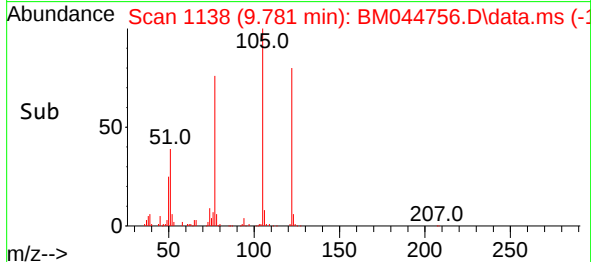
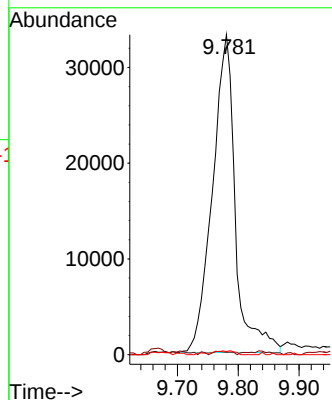
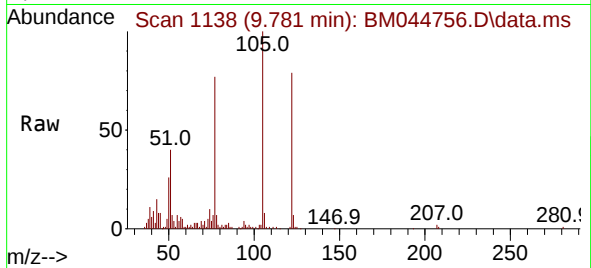
Tgt Ion:122 Resp: 86318

Ion Ratio Lower Upper

122 100

107 0.8 90.5 135.7#

121 0.9 46.2 69.4#



#32

Benzoic acid

Concen: 12.617 ng

RT: 9.781 min Scan# 1138

Delta R.T. -0.029 min

Lab File: BM044756.D

Acq: 25 Mar 2024 15:22

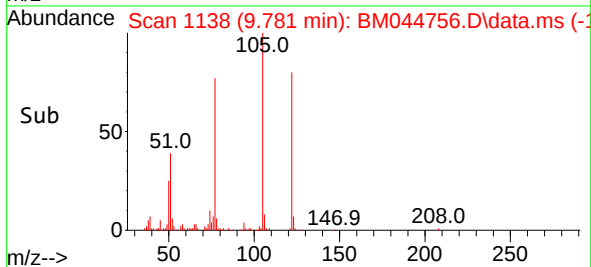
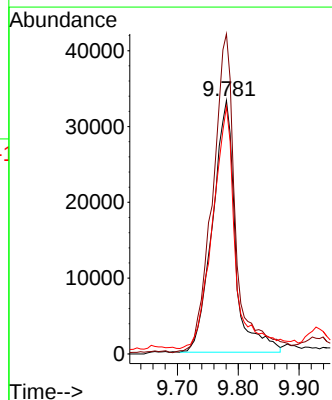
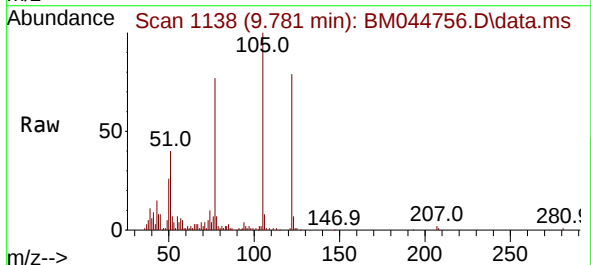
Tgt Ion:122 Resp: 86318

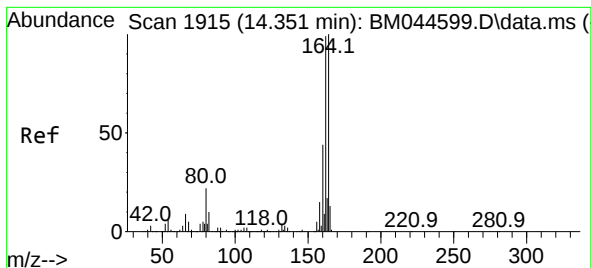
Ion Ratio Lower Upper

122 100

105 126.3 100.0 140.0

77 97.6 72.5 112.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.333 min Scan# 1915

Delta R.T. -0.018 min

Lab File: BM044756.D

Acq: 25 Mar 2024 15:22

Instrument :

BNA_M

ClientSampleId :

BELL-CON

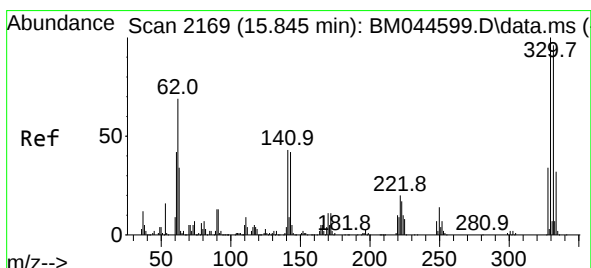
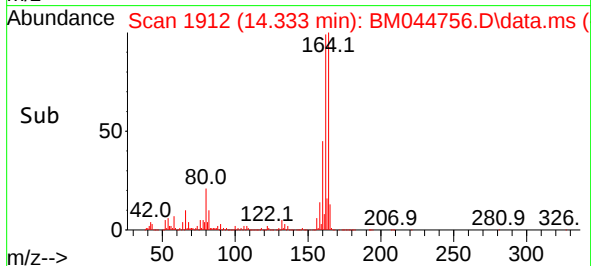
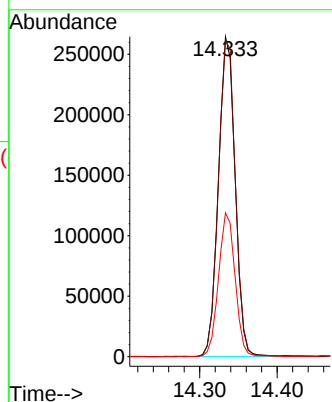
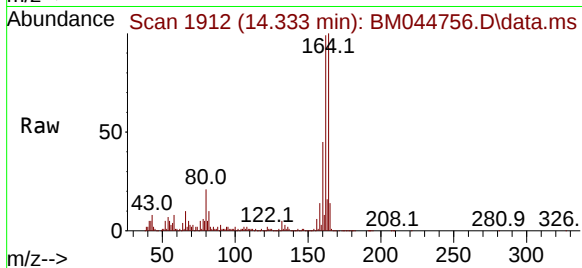
Tgt Ion:164 Resp: 395780

Ion Ratio Lower Upper

164 100

162 98.9 79.3 118.9

160 45.0 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 89.207 ng

RT: 15.833 min Scan# 2167

Delta R.T. -0.012 min

Lab File: BM044756.D

Acq: 25 Mar 2024 15:22

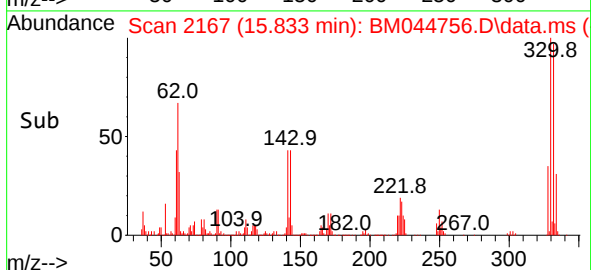
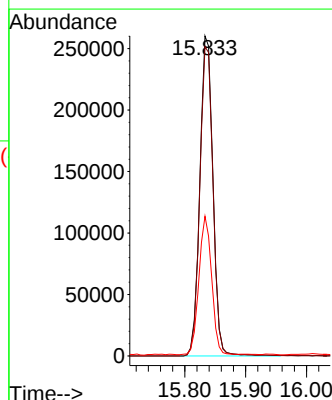
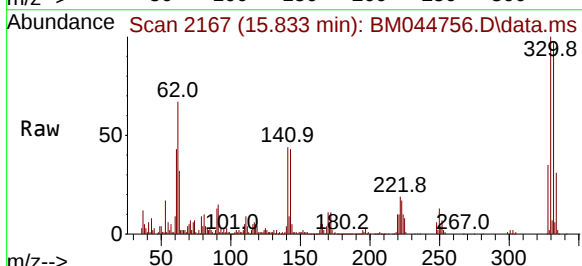
Tgt Ion:330 Resp: 389416

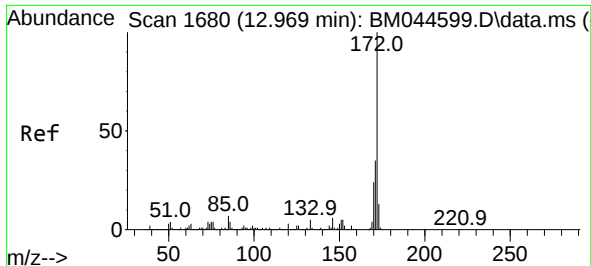
Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.8

141 42.0 33.4 50.0

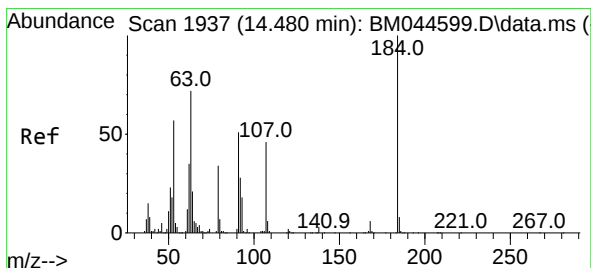
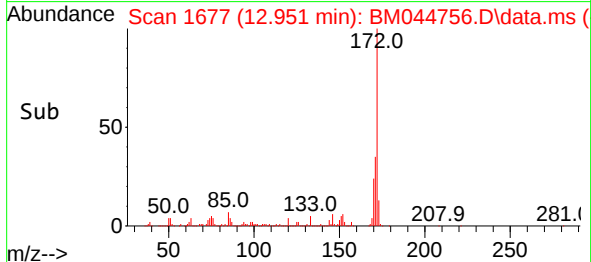
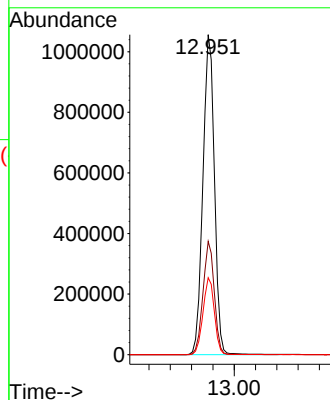
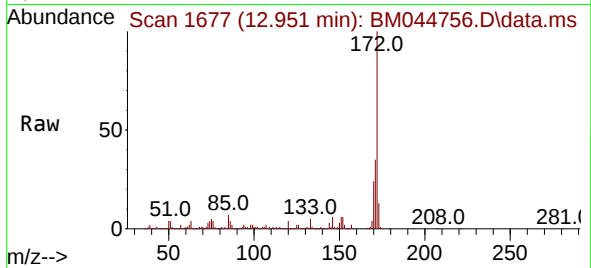




#45
2-Fluorobiphenyl
Concen: 55.113 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM044756.D
Acq: 25 Mar 2024 15:22

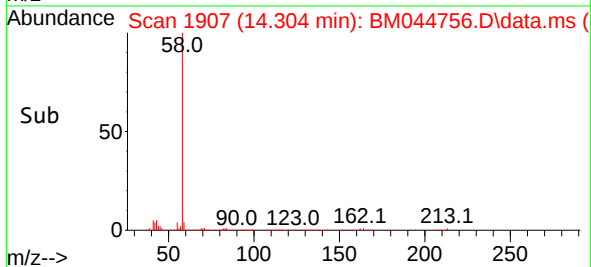
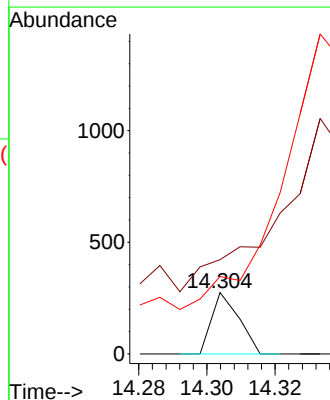
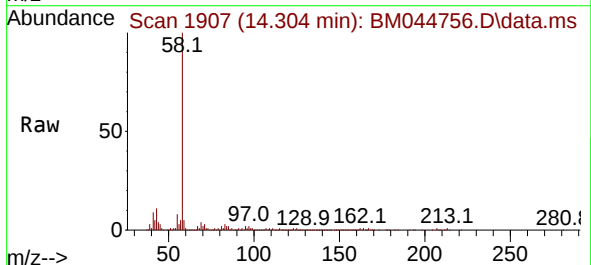
Instrument :
BNA_M
ClientSampleId :
BELL-CON

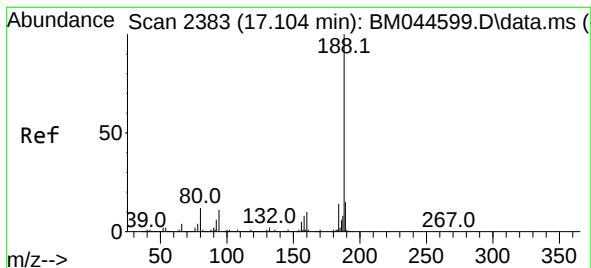
Tgt Ion:172 Resp: 1583811
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 24.0 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 4.545 ng
RT: 14.304 min Scan# 1907
Delta R.T. -0.176 min
Lab File: BM044756.D
Acq: 25 Mar 2024 15:22

Tgt Ion:184 Resp: 152
Ion Ratio Lower Upper
184 100
63 153.5 62.2 93.2#
154 126.2 47.9 71.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044756.D

Acq: 25 Mar 2024 15:22

Instrument :

BNA_M

ClientSampleId :

BELL-CON

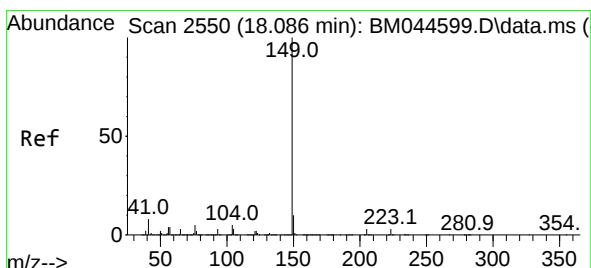
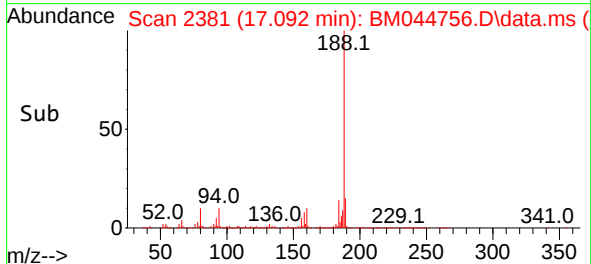
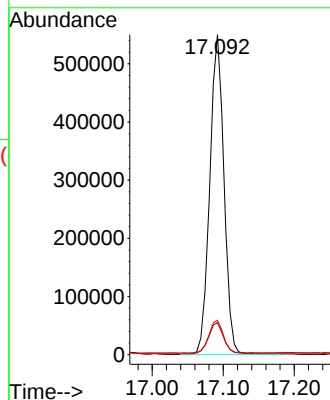
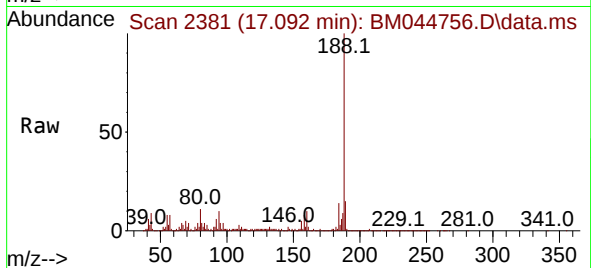
Tgt Ion:188 Resp: 763141

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

80 10.8 9.4 14.0



#74

Di-n-butylphthalate

Concen: 2.515 ng

RT: 18.074 min Scan# 2548

Delta R.T. -0.012 min

Lab File: BM044756.D

Acq: 25 Mar 2024 15:22

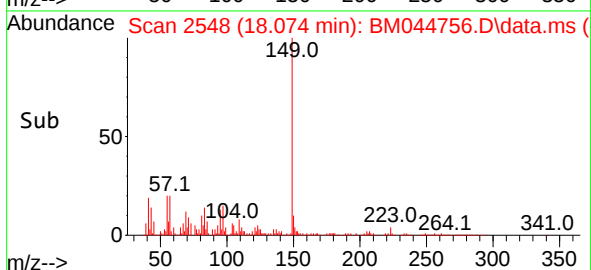
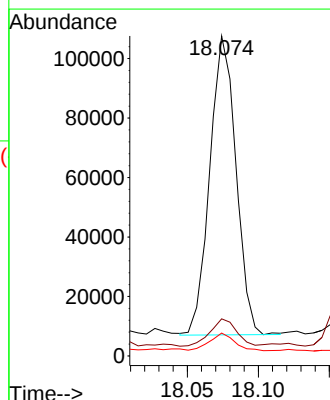
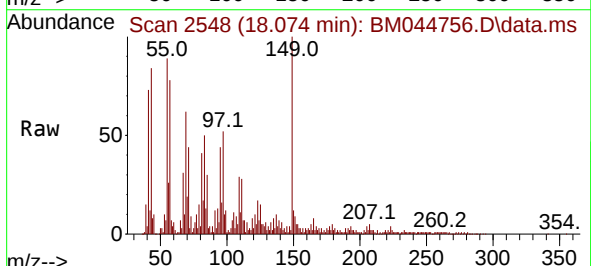
Tgt Ion:149 Resp: 129112

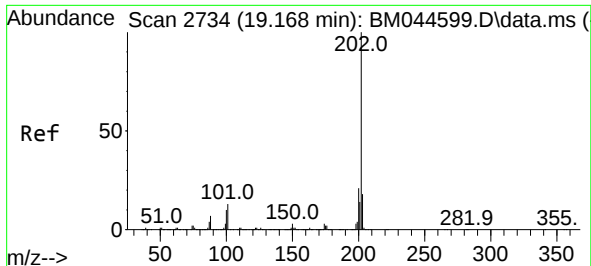
Ion Ratio Lower Upper

149 100

150 11.6 7.6 11.4#

104 7.2 4.0 6.0#

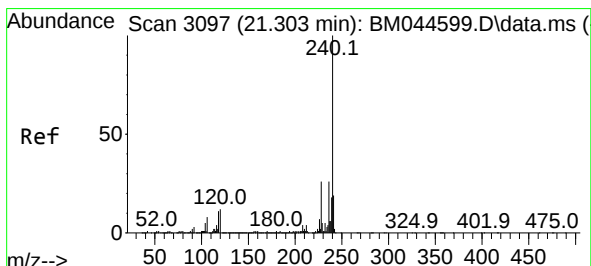
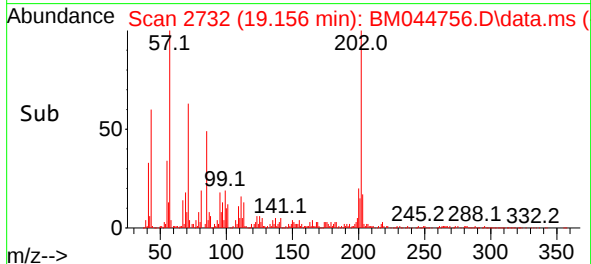
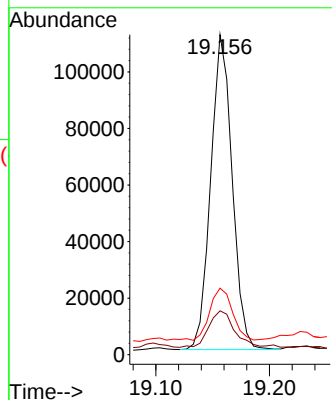
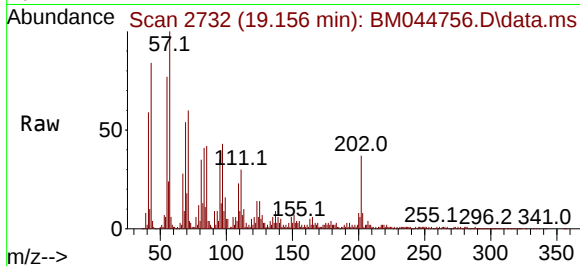




#75
Fluoranthene
Concen: 3.103 ng
RT: 19.156 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM044756.D
Acq: 25 Mar 2024 15:22

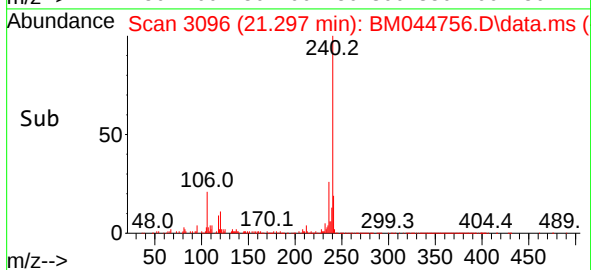
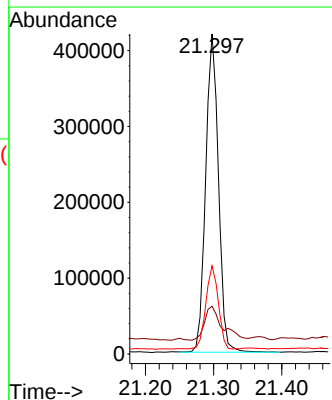
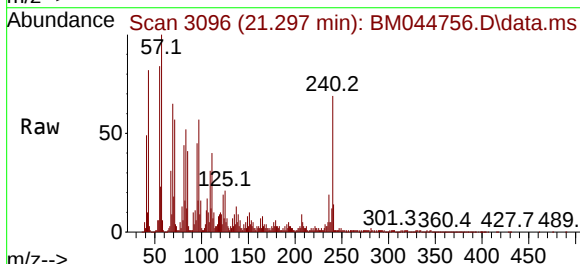
Instrument :
BNA_M
ClientSampleId :
BELL-CON

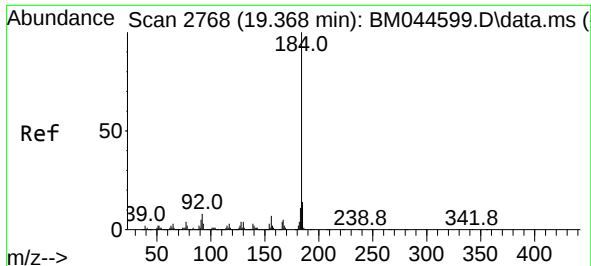
Tgt Ion:202 Resp: 146264
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.3
203 20.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.297 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BM044756.D
Acq: 25 Mar 2024 15:22

Tgt Ion:240 Resp: 547859
Ion Ratio Lower Upper
240 100
120 14.9 9.7 14.5#
236 27.5 21.0 31.4

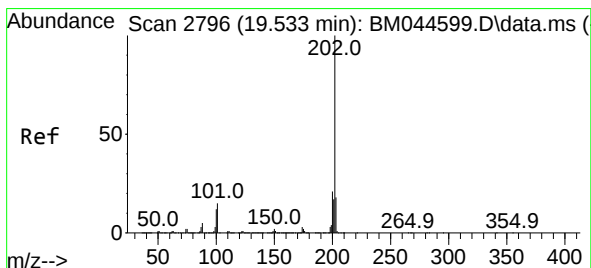
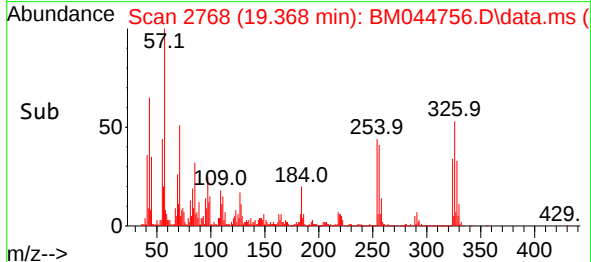
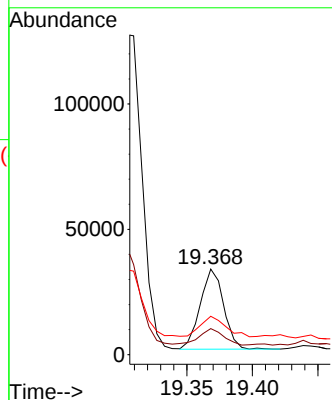
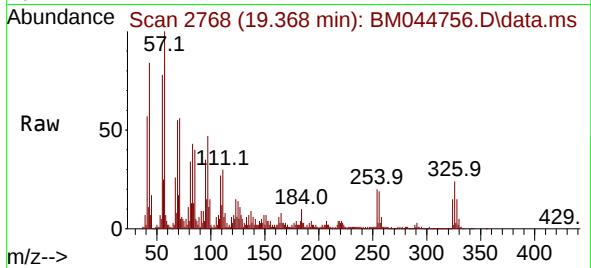




#77
Benzidine
Concen: 2.808 ng
RT: 19.368 min Scan# 2768
Delta R.T. 0.000 min
Lab File: BM044756.D
Acq: 25 Mar 2024 15:22

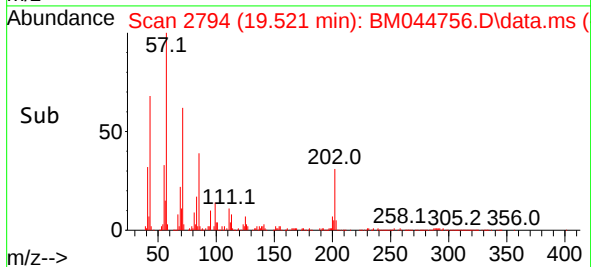
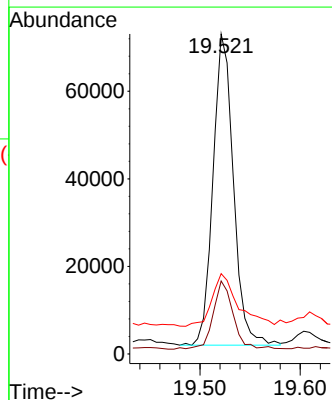
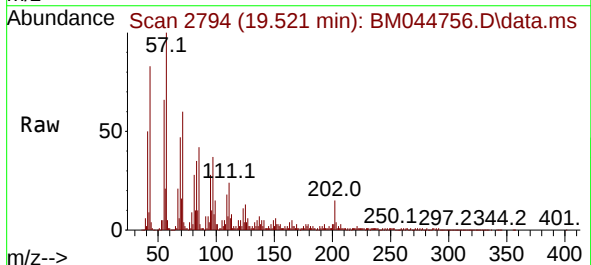
Instrument :
BNA_M
ClientSampleId :
BELL-CON

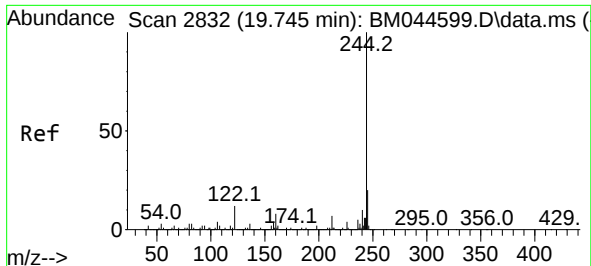
Tgt Ion:184 Resp: 39767
Ion Ratio Lower Upper
184 100
185 30.5 11.0 16.6#
183 44.9 8.7 13.1#



#78
Pyrene
Concen: 2.499 ng
RT: 19.521 min Scan# 2794
Delta R.T. -0.012 min
Lab File: BM044756.D
Acq: 25 Mar 2024 15:22

Tgt Ion:202 Resp: 100360
Ion Ratio Lower Upper
202 100
200 22.8 17.0 25.4
203 25.1 14.1 21.1#

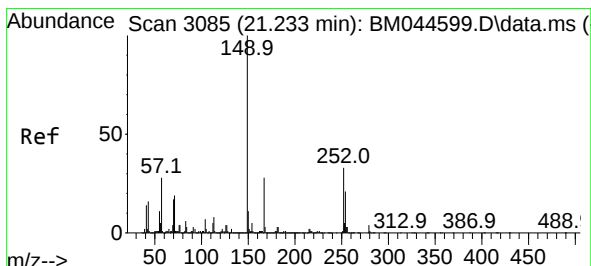
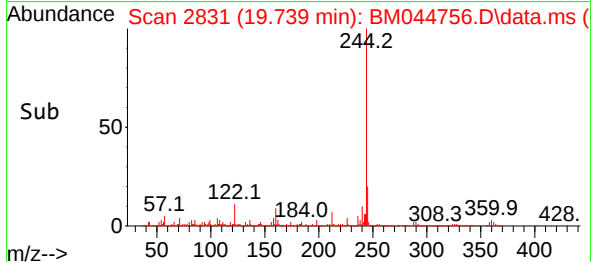
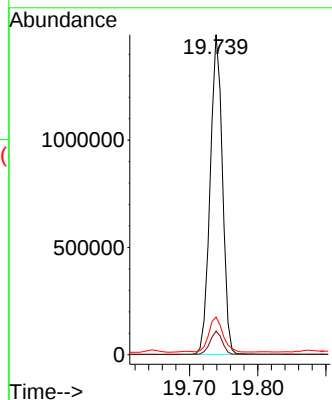
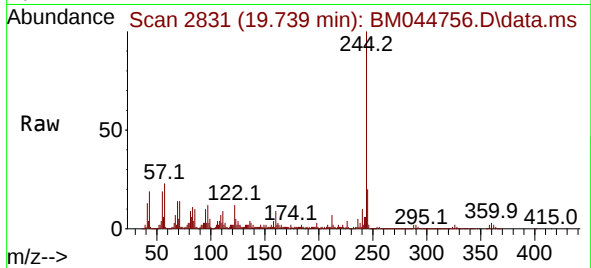




#79
 Terphenyl-d14
 Concen: 59.691 ng
 RT: 19.739 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044756.D
 Acq: 25 Mar 2024 15:22

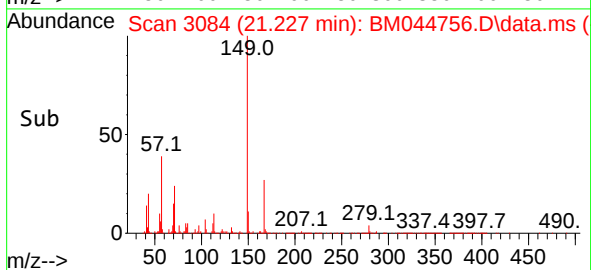
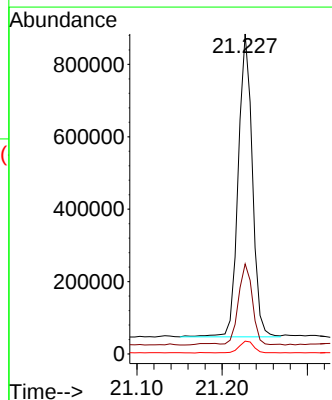
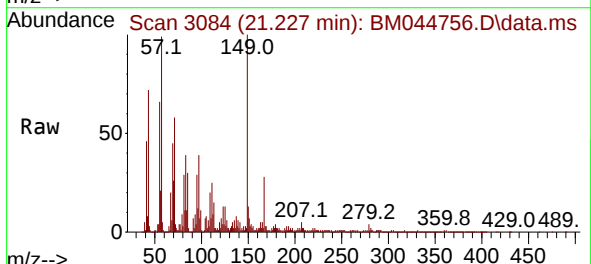
Instrument :
 BNA_M
 ClientSampleId :
 BELL-CON

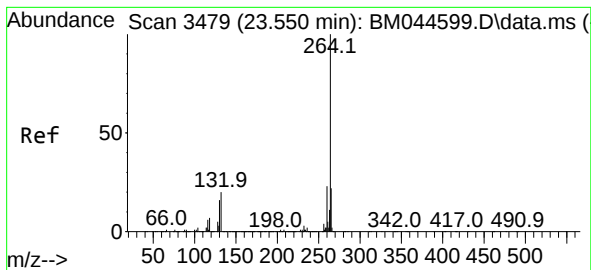
Tgt Ion:244 Resp: 1869382
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.7 9.7 14.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.240 ng
 RT: 21.227 min Scan# 3084
 Delta R.T. -0.006 min
 Lab File: BM044756.D
 Acq: 25 Mar 2024 15:22

Tgt Ion:149 Resp: 960766
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.1 33.1
 279 4.0 3.0 4.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.556 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: BM044756.D
 Acq: 25 Mar 2024 15:22

Instrument :
 BNA_M
 ClientSampleId :
 BELL-CON

Tgt Ion:264 Resp: 583793
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 23.1 17.5 26.3

