

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
 Data File : BM036164.D
 Acq On : 09 Aug 2022 03:22
 Operator : CG/JU
 Sample : N4056-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TOTEDL

Quant Time: Aug 09 04:18:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 23:36:56 2022
 Response via : Initial Calibration

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

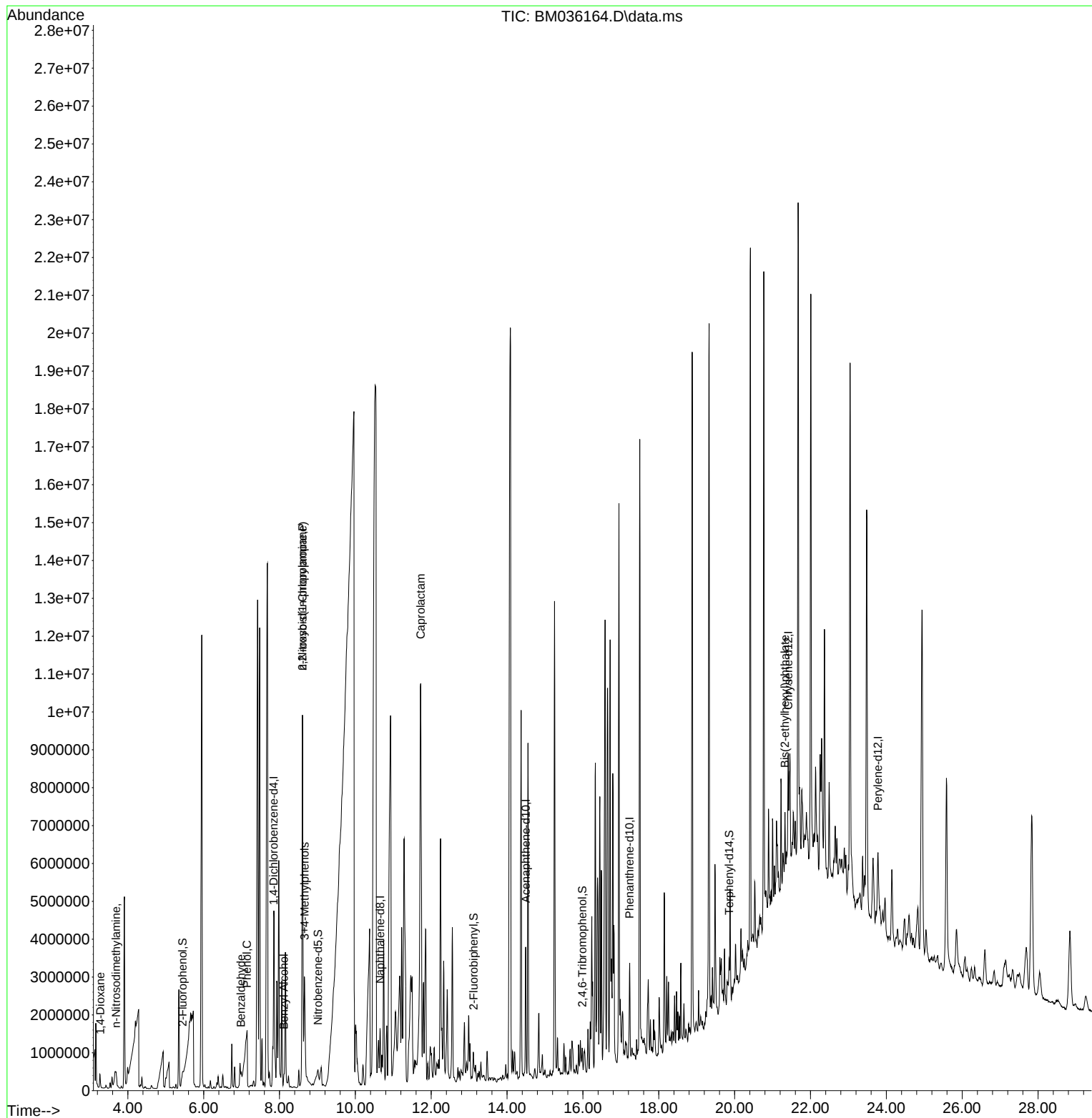
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	303323	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1173535	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	668838	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	1298871	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1236169	20.000	ng	0.00
86) Perylene-d12	23.774	264	1368279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	112960	6.038	ng	0.01
7) Phenol-d6	7.051	99	6196	0.260	ng	-0.01
23) Nitrobenzene-d5	9.016	82	140850	6.718	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	69482	8.855	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	291269	6.430	ng	0.00
79) Terphenyl-d14	19.856	244	410129	6.544	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	40176	5.329	ng	# 1
4) n-Nitrosodimethylamine	3.693	42	74943	9.021	ng	# 10
9) Benzaldehyde	6.987	77	77464	6.146	ng	91
10) Phenol	7.140	94	88436	3.689	ng	93
15) Benzyl Alcohol	8.116	79	80962	5.068	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.604	45	121253	4.618	ng	92
19) n-Nitroso-di-n-propyla...	8.604	70	1447112	100.076	ng	# 80
20) 3+4-Methylphenols	8.663	107	1167896	54.176	ng	90
35) Caprolactam	11.722	113	36423	7.302	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.327	149	421338	8.441	ng	# 98

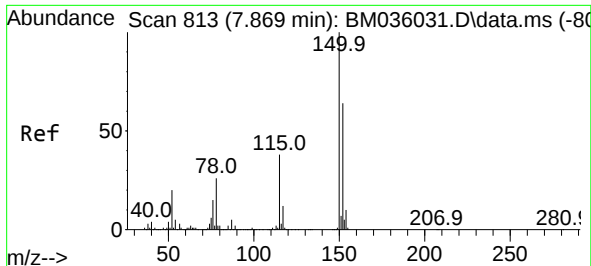
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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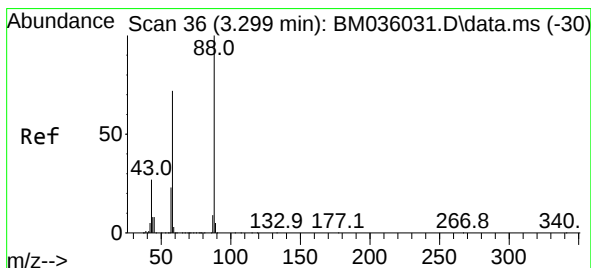
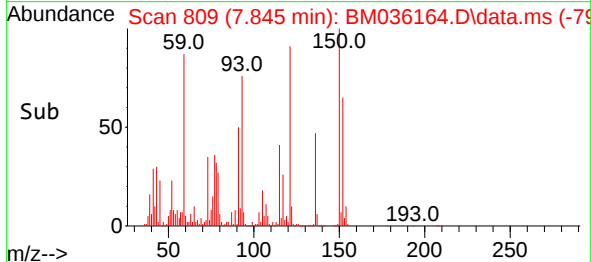
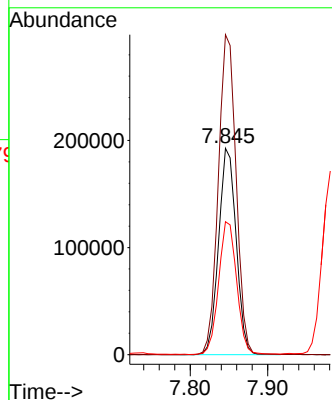
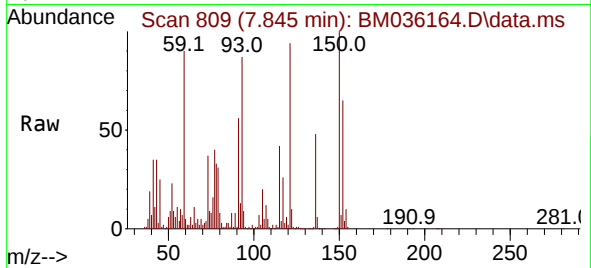




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BM036164.D
 Acq: 09 Aug 2022 03:22

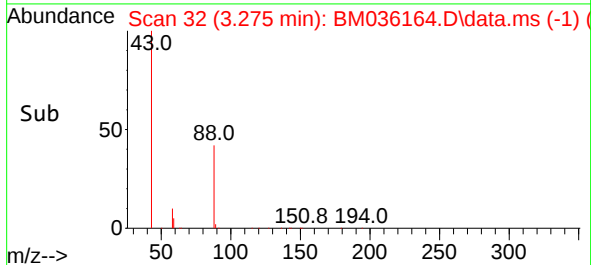
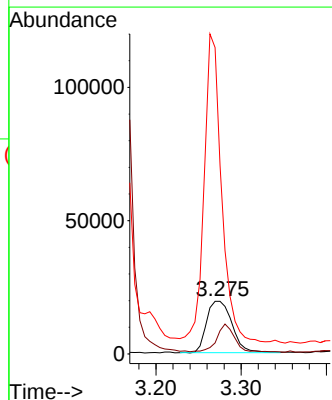
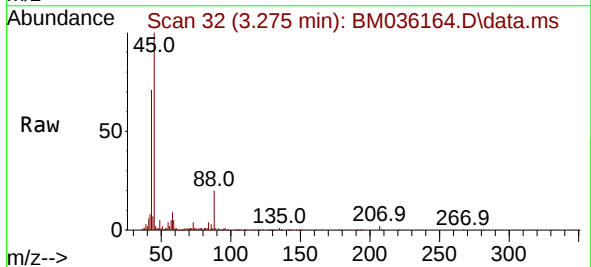
Instrument :
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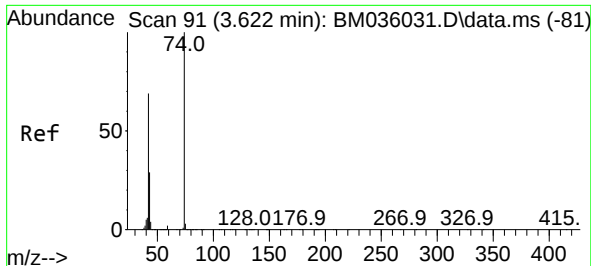
Tgt Ion:152 Resp: 303323
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.9 187.3
 115 64.4 47.9 71.9



#2
 1,4-Dioxane
 Concen: 5.329 ng
 RT: 3.275 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: BM036164.D
 Acq: 09 Aug 2022 03:22

Tgt Ion: 88 Resp: 40176
 Ion Ratio Lower Upper
 88 100
 58 36.3 62.3 93.5#
 43 407.0 28.7 43.1#

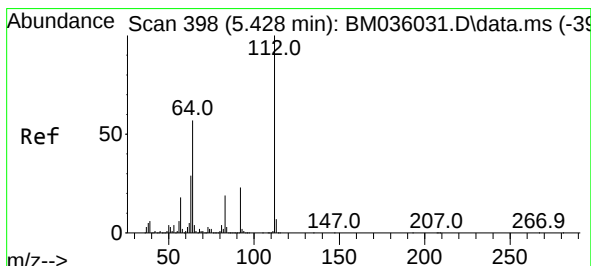
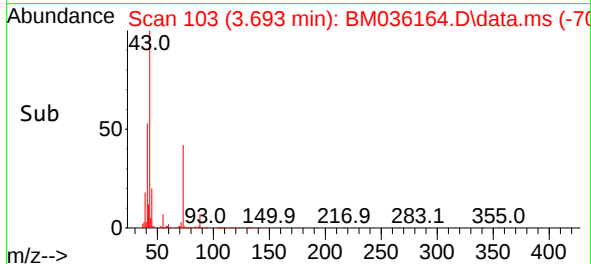
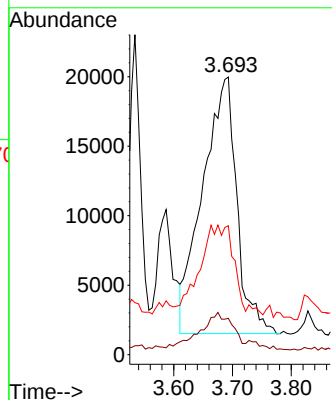
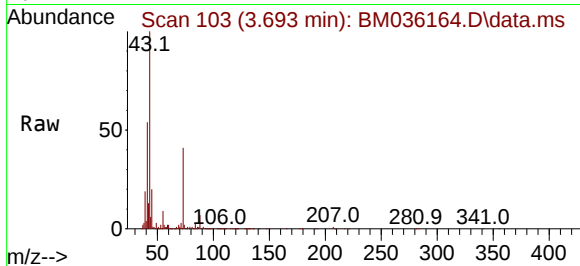




#4
n-Nitrosodimethylamine
Concen: 9.021 ng
RT: 3.693 min Scan# 103
Delta R.T. 0.094 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

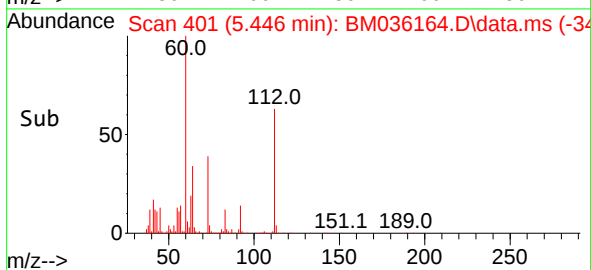
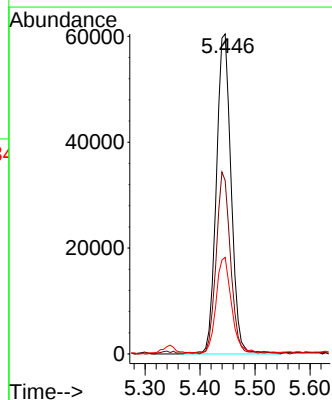
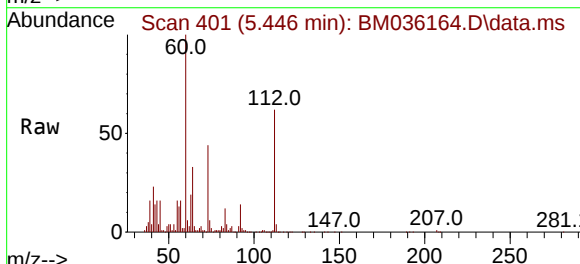
Instrument :
BNA_M
ClientSampleId :
TOTEDL

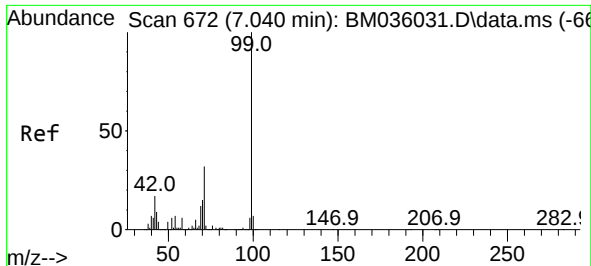
Tgt Ion: 42 Resp: 74943
Ion Ratio Lower Upper
42 100
74 13.1 81.6 122.4#
44 46.4 5.2 7.8#



#5
2-Fluorophenol
Concen: 6.038 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.012 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

Tgt Ion: 112 Resp: 112960
Ion Ratio Lower Upper
112 100
64 54.2 47.8 71.6
63 30.2 26.6 40.0

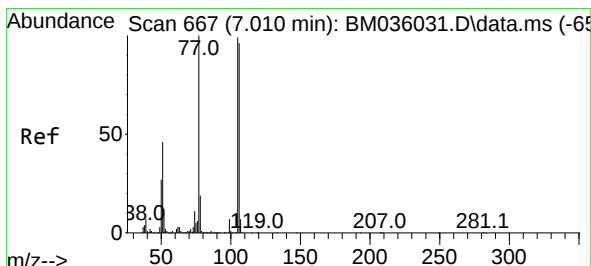
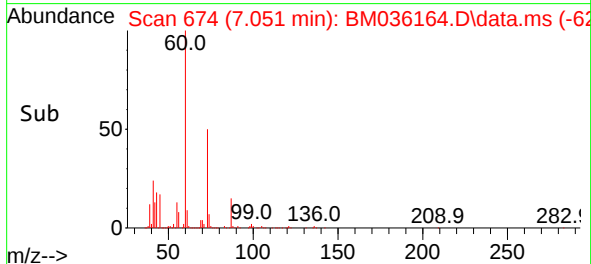
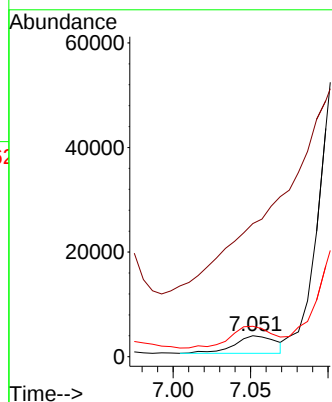
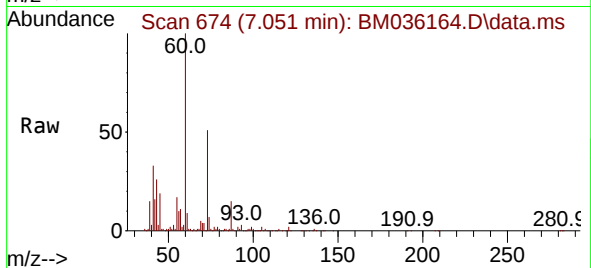




#7
Phenol-d6
Concen: 0.260 ng
RT: 7.051 min Scan# 6196
Delta R.T. -0.012 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

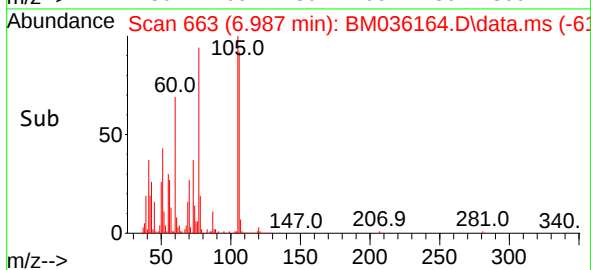
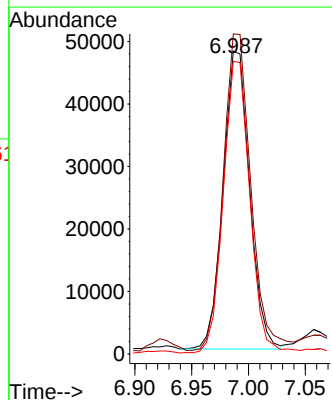
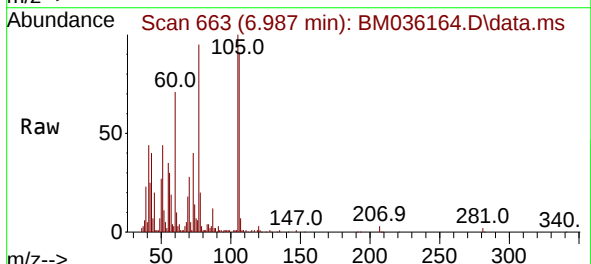
Instrument :
BNA_M
ClientSampleId :
TOTEDL

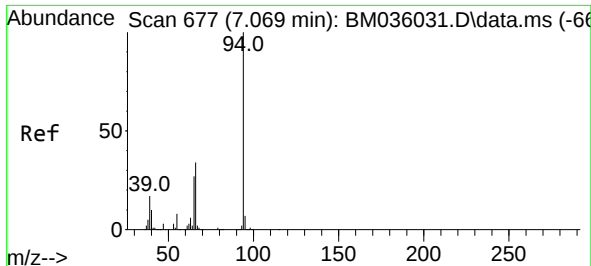
Tgt Ion: 99 Resp: 6196
Ion Ratio Lower Upper
99 100
42 634.9 18.8 28.2#
71 144.9 30.2 45.2#



#9
Benzaldehyde
Concen: 6.146 ng
RT: 6.987 min Scan# 663
Delta R.T. -0.006 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

Tgt Ion: 77 Resp: 77464
Ion Ratio Lower Upper
77 100
105 105.6 76.3 116.3
106 96.6 69.0 109.0

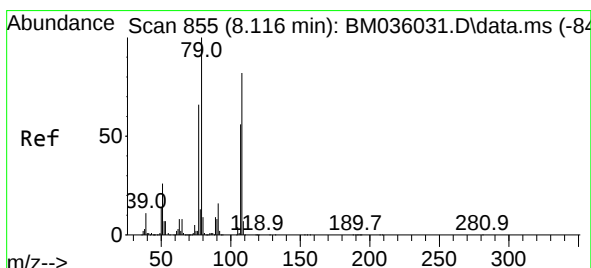
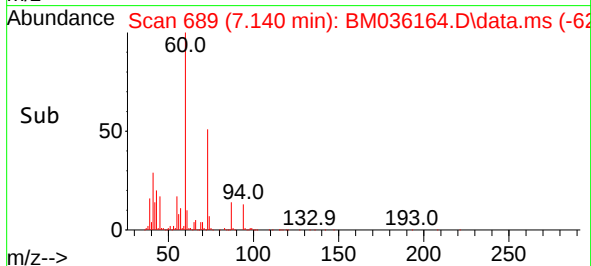
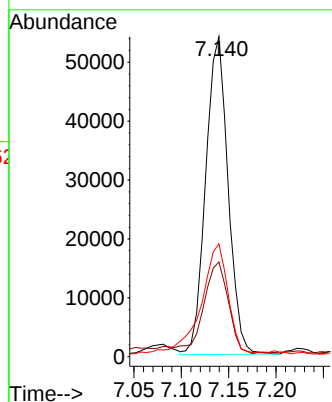
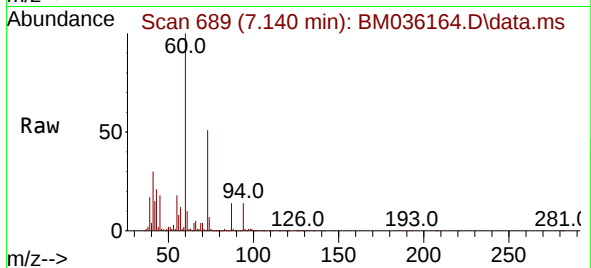




#10
Phenol
Concen: 3.689 ng
RT: 7.140 min Scan# 677
Delta R.T. 0.053 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

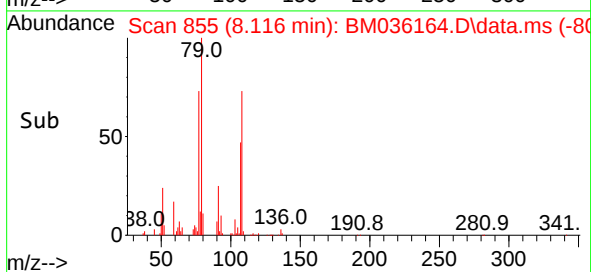
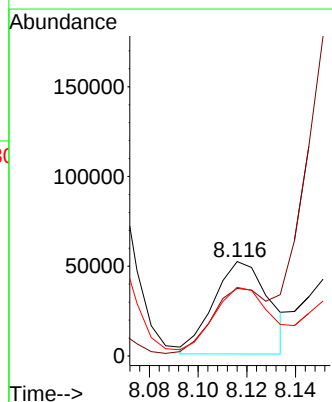
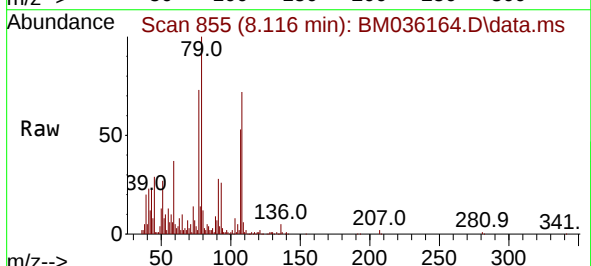
Instrument :
BNA_M
ClientSampleId :
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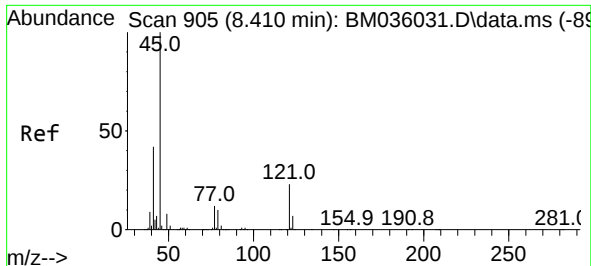
Tgt Ion: 94 Resp: 88436
Ion Ratio Lower Upper
94 100
65 29.6 11.4 51.4
66 35.3 21.4 61.4



#15
Benzyl Alcohol
Concen: 5.068 ng
RT: 8.116 min Scan# 855
Delta R.T. 0.006 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

Tgt Ion: 79 Resp: 80962
Ion Ratio Lower Upper
79 100
108 71.6 59.0 88.4
77 72.8 52.2 78.4

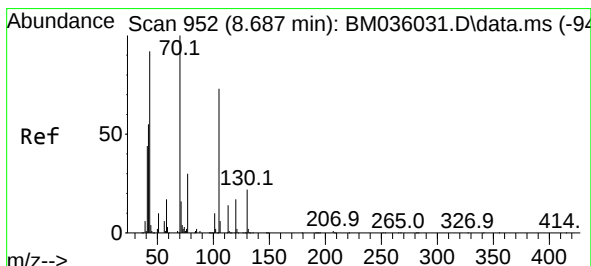
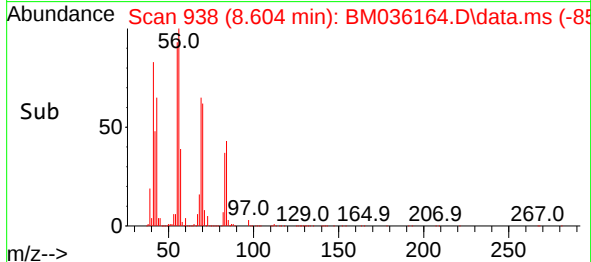
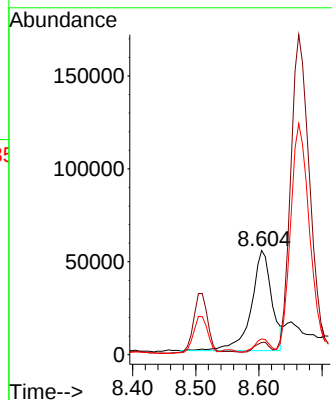
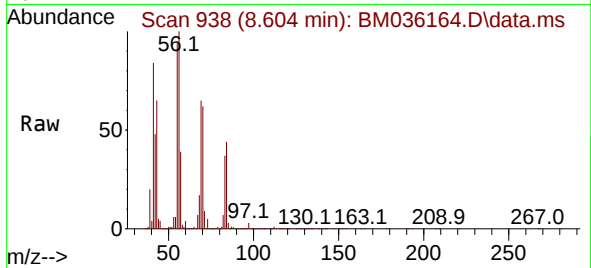




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.618 ng
RT: 8.604 min Scan# 91
Delta R.T. 0.218 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

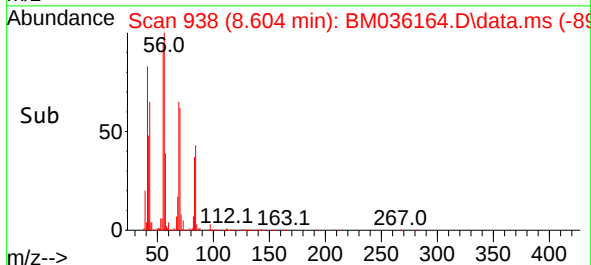
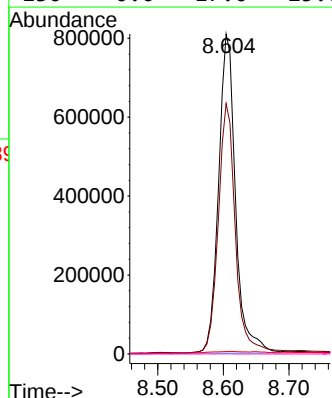
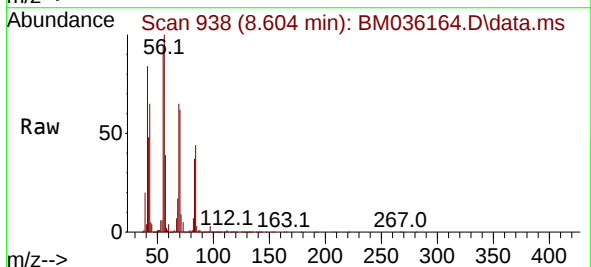
Instrument :
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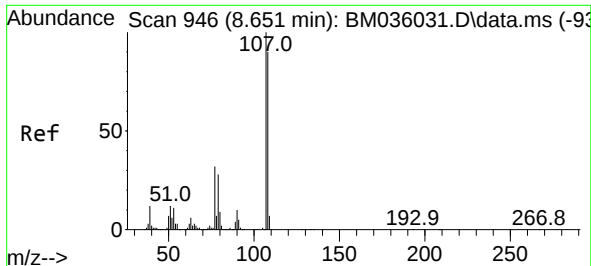
Tgt Ion: 45 Resp: 121253
Ion Ratio Lower Upper
45 100
77 11.7 0.0 33.1
79 15.2 0.0 30.5



#19
n-Nitroso-di-n-propylamine
Concen: 100.076 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.064 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

Tgt Ion: 70 Resp: 1447112
Ion Ratio Lower Upper
70 100
42 78.2 55.4 83.2
101 0.8 7.8 11.6#
130 0.0 17.0 25.6#

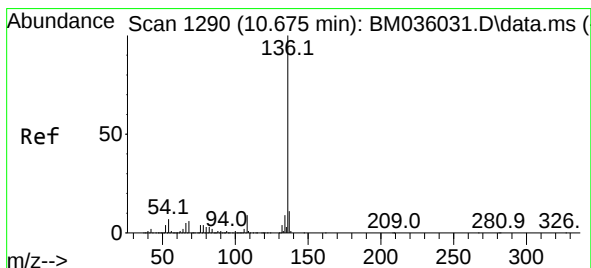
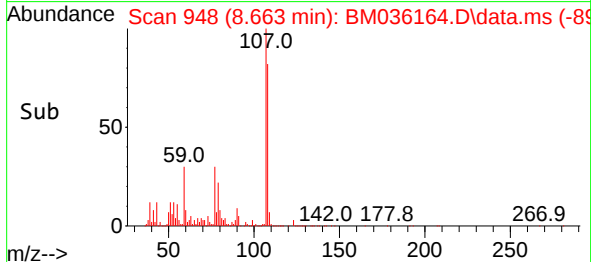
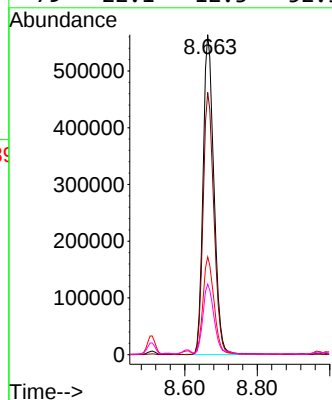
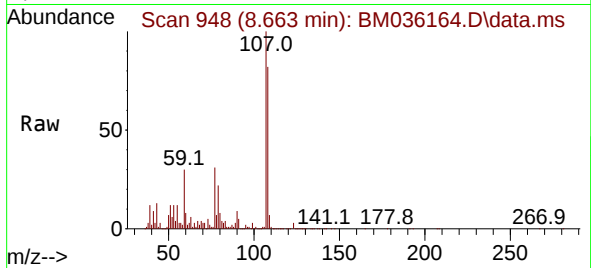




#20
3+4-Methylphenols
Concen: 54.176 ng
RT: 8.663 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

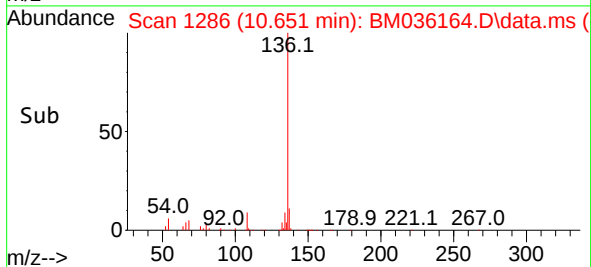
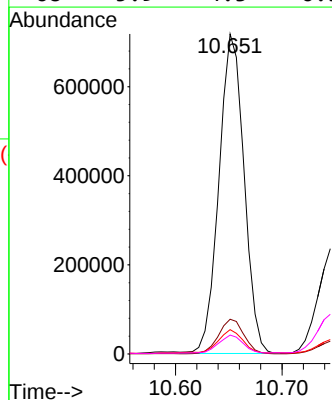
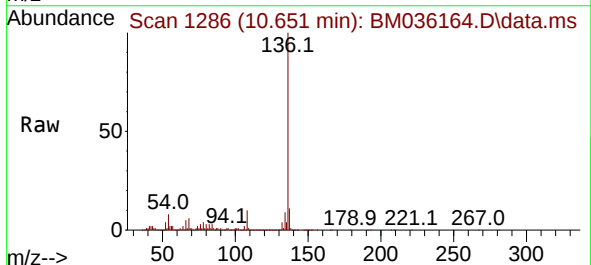
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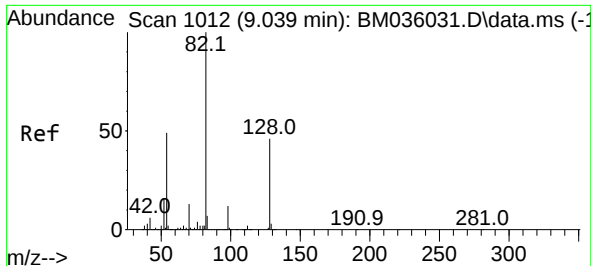
Tgt Ion:107 Resp: 1167896
Ion Ratio Lower Upper
107 100
108 82.0 69.3 109.3
77 30.5 15.8 55.8
79 22.1 12.3 52.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

Tgt Ion:136 Resp: 1173535
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 7.0 10.4
68 5.9 4.3 6.5

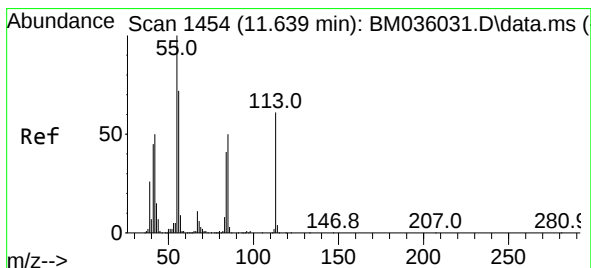
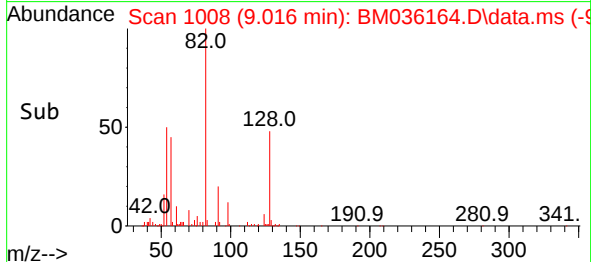
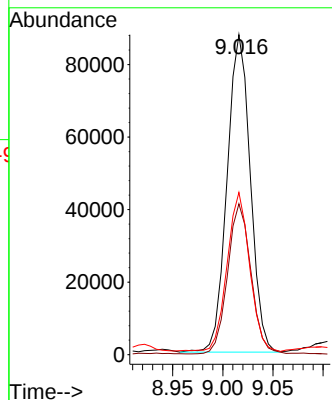
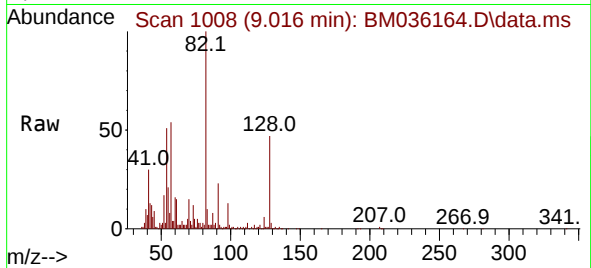




#23
Nitrobenzene-d5
Concen: 6.718 ng
RT: 9.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

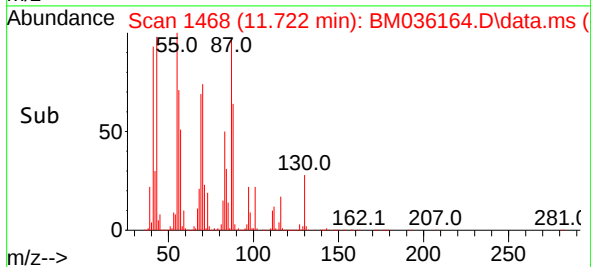
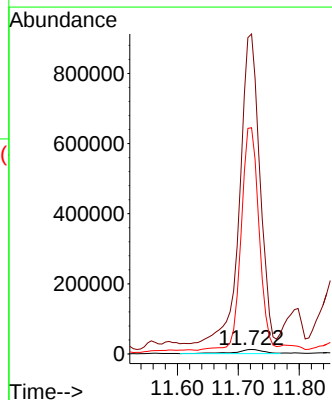
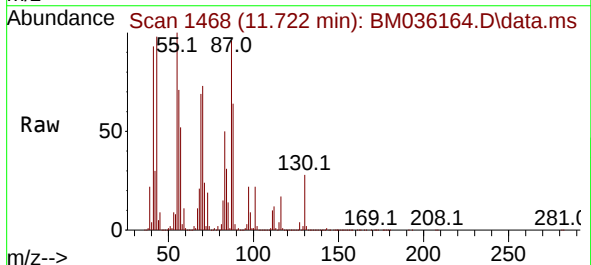
Instrument :
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TOTEDL

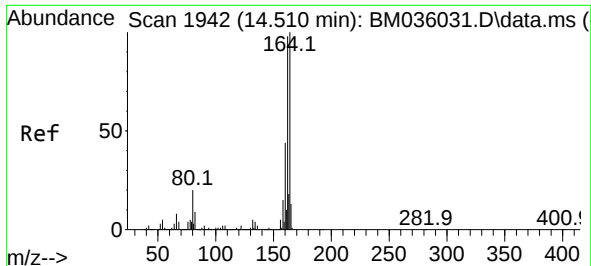
Tgt Ion: 82 Resp: 140850
Ion Ratio Lower Upper
82 100
128 47.2 33.7 50.5
54 50.7 43.2 64.8



#35
Caprolactam
Concen: 7.302 ng
RT: 11.722 min Scan# 1468
Delta R.T. 0.077 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

Tgt Ion: 113 Resp: 36423
Ion Ratio Lower Upper
113 100
55 7254.3 150.1 190.1#
56 5128.4 111.7 151.7#

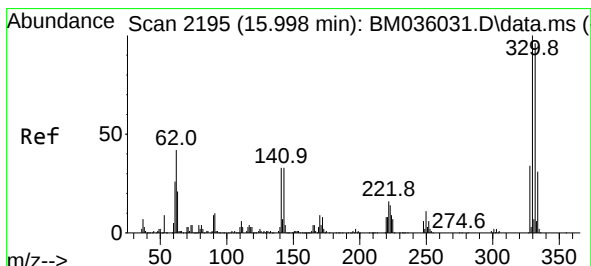
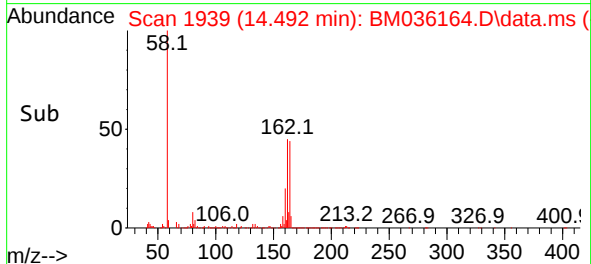
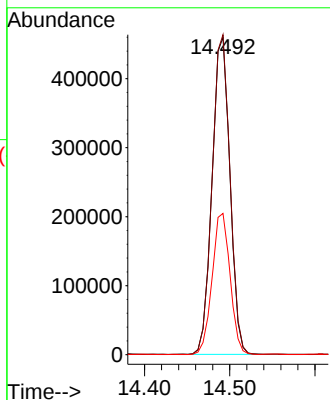
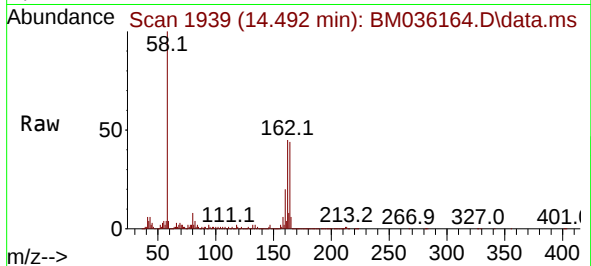




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

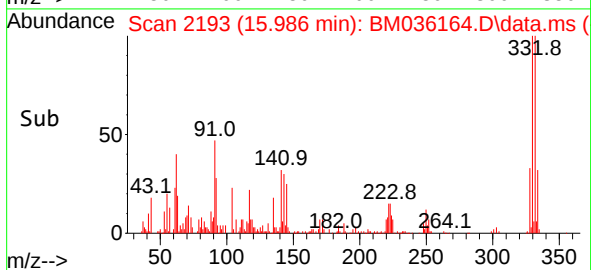
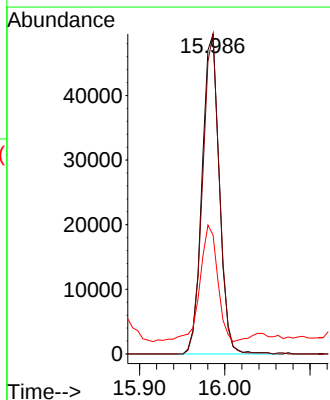
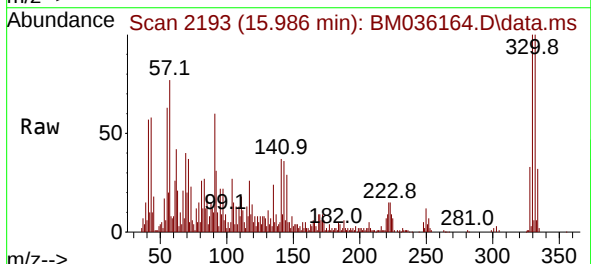
Instrument :
BNA_M
ClientSampleId :
TOTEDL

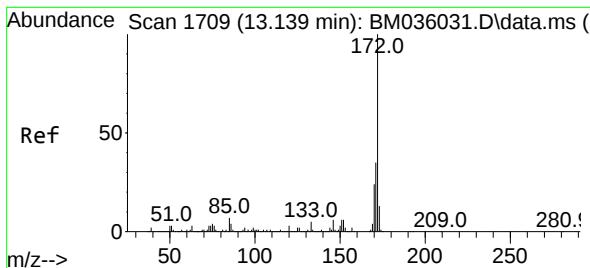
Tgt Ion:164 Resp: 668838
Ion Ratio Lower Upper
164 100
162 100.8 83.0 124.6
160 44.5 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 8.855 ng
RT: 15.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

Tgt Ion:330 Resp: 69482
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 37.8 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 6.430 ng

RT: 13.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036164.D

Acq: 09 Aug 2022 03:22

Instrument :

BNA_M

ClientSampleId :

TOTEDL

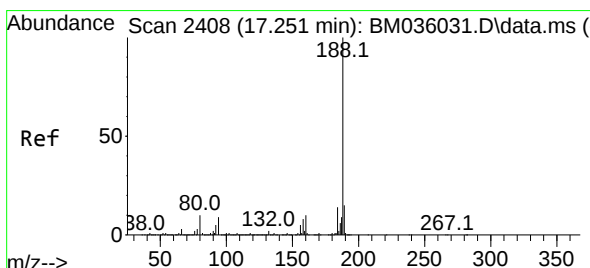
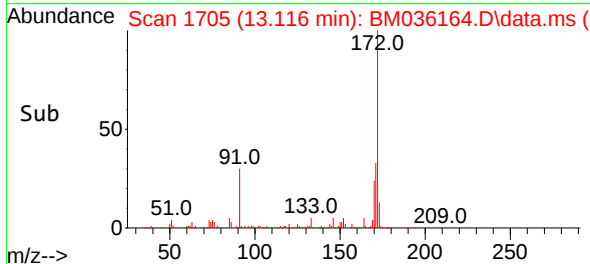
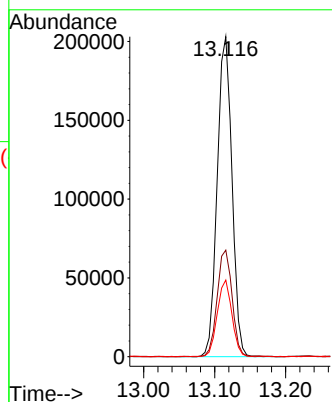
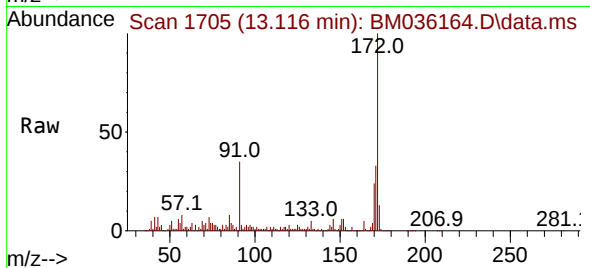
Tgt Ion:172 Resp: 291269

Ion Ratio Lower Upper

172 100

171 33.3 28.5 42.7

170 24.0 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.233 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BM036164.D

Acq: 09 Aug 2022 03:22

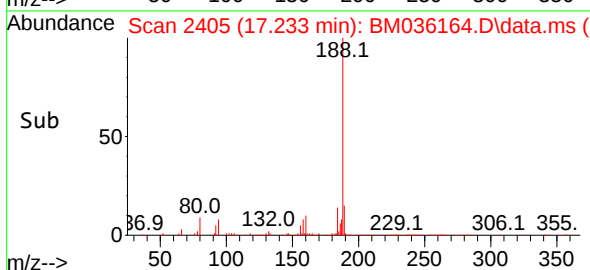
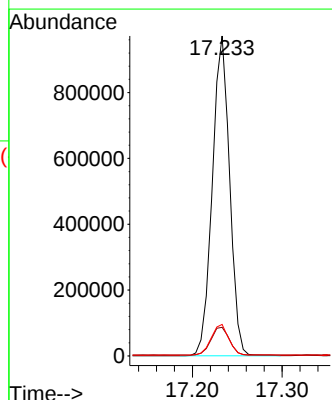
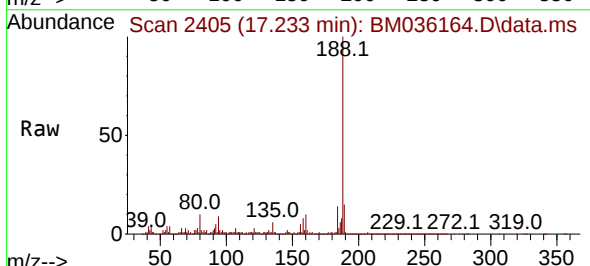
Tgt Ion:188 Resp: 1298871

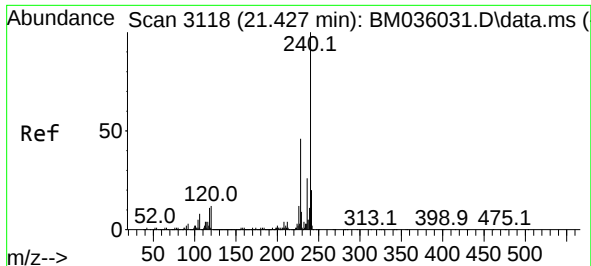
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.8 7.6 11.4

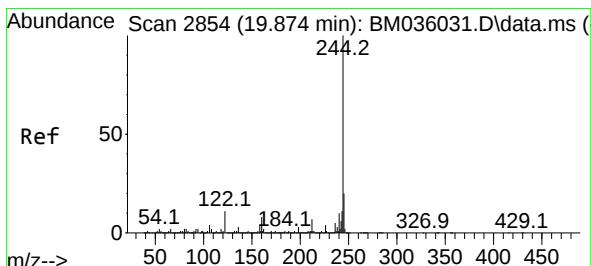
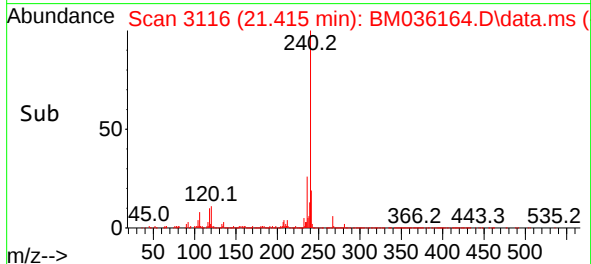
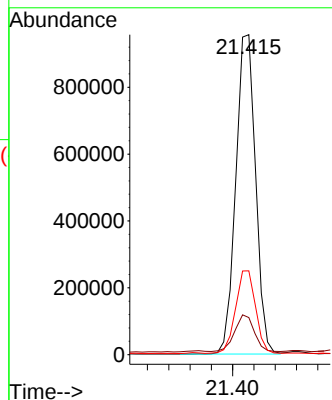
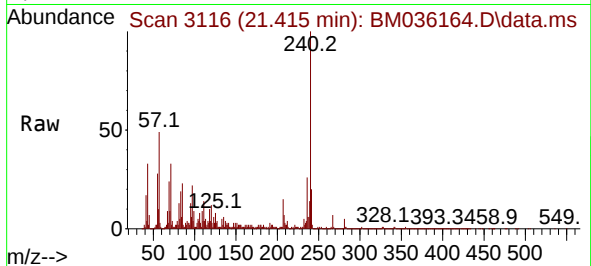




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

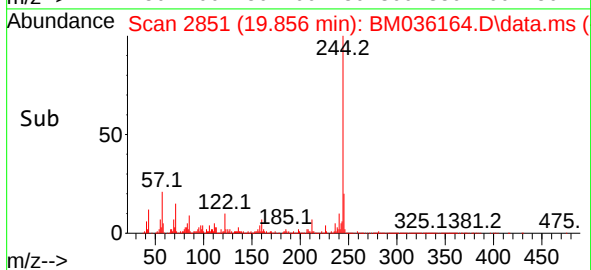
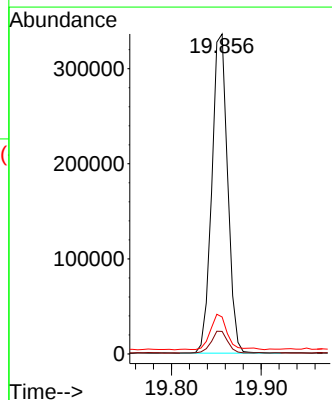
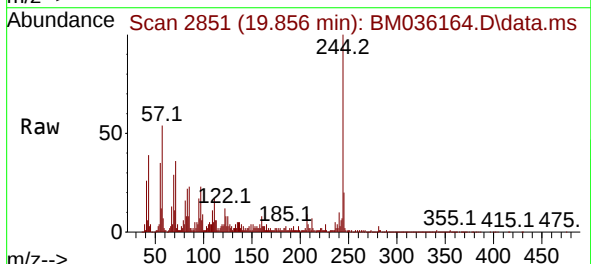
Instrument :
BNA_M
ClientSampleId :
TOTEDL

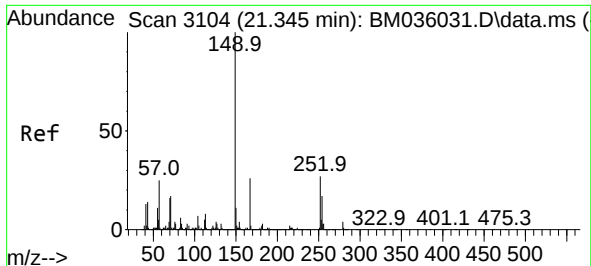
Tgt Ion:240 Resp: 1236169
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.0
236 26.2 20.6 30.8



#79
Terphenyl-d14
Concen: 6.544 ng
RT: 19.856 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

Tgt Ion:244 Resp: 410129
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.4
122 11.6 8.3 12.5

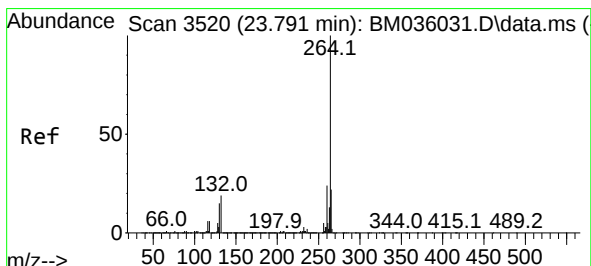
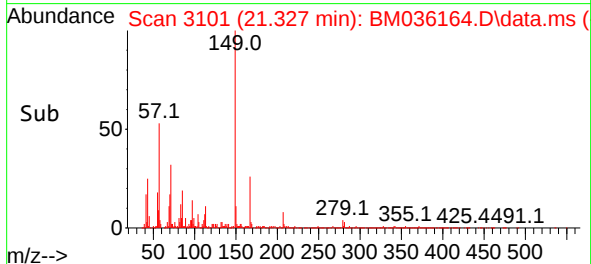
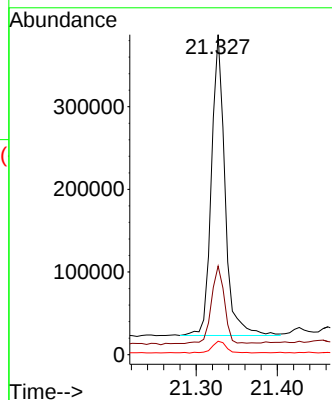
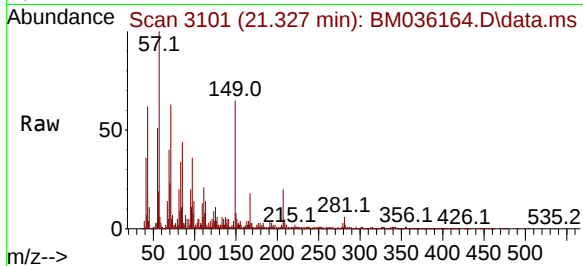




#84
Bis(2-ethylhexyl)phthalate
Concen: 8.441 ng
RT: 21.327 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

Instrument :
BNA_M
ClientSampleId :
TOTEDL

Tgt Ion:149 Resp: 421338
Ion Ratio Lower Upper
149 100
167 27.7 21.1 31.7
279 4.2 2.8 4.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. 0.000 min
Lab File: BM036164.D
Acq: 09 Aug 2022 03:22

Tgt Ion:264 Resp: 1368279
Ion Ratio Lower Upper
264 100
260 24.1 18.9 28.3
265 22.8 17.5 26.3

