

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046360.D
 Acq On : 28 Jun 2024 20:02
 Operator : MA/JU
 Sample : P3115-14 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20071

Quant Time: Jun 28 23:02:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

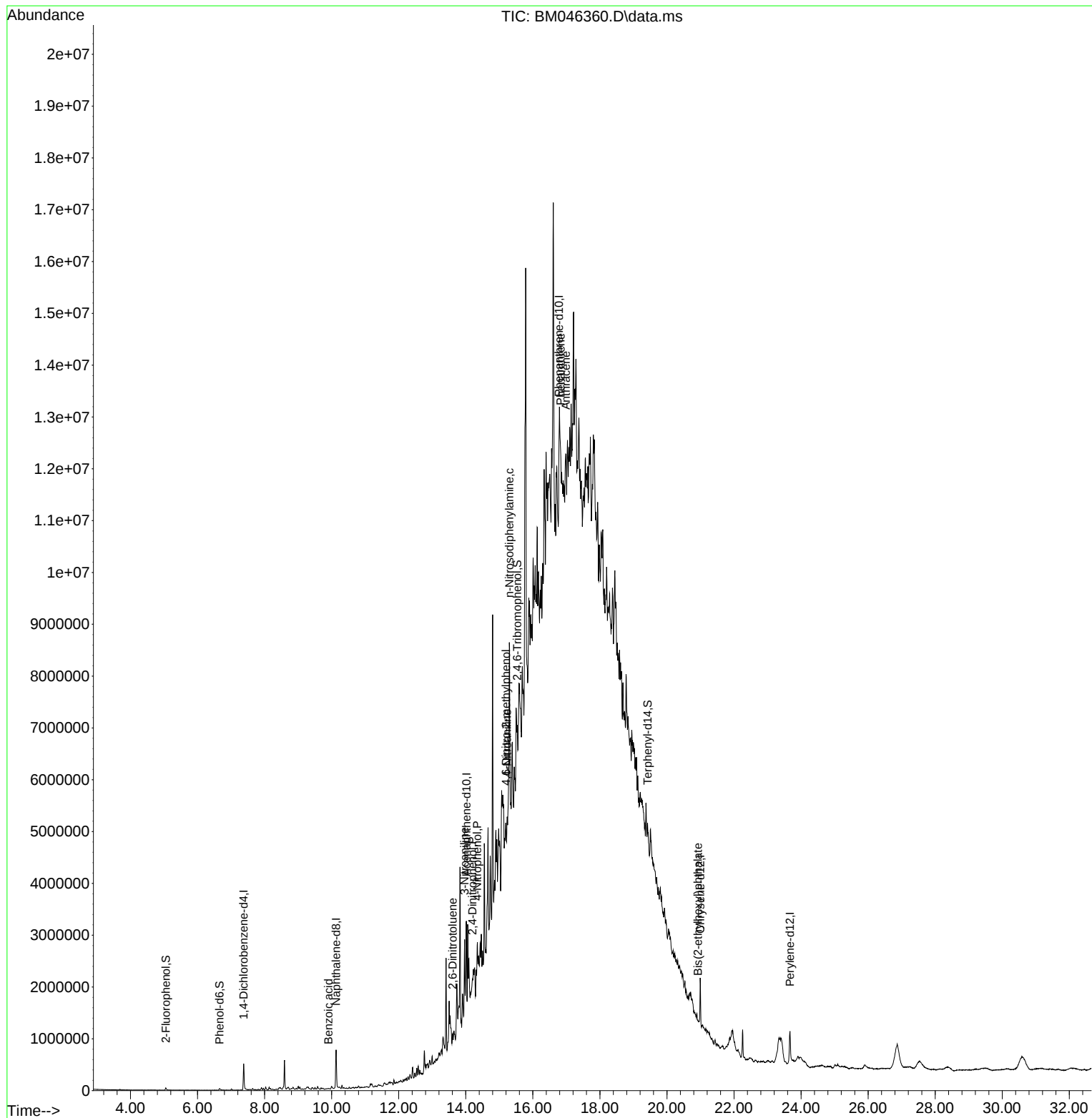
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	136801	20.000	ng	0.00
21) Naphthalene-d8	10.134	136	559625	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	376029	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	684708	20.000	ng	# 0.00
76) Chrysene-d12	20.992	240	399335	20.000	ng	0.00
86) Perylene-d12	23.668	264	462733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.052	112	24739	2.907	ng	0.00
7) Phenol-d6	6.652	99	29292	2.423	ng	0.02
23) Nitrobenzene-d5	8.563	82	18782	1.391	ng	0.02
42) 2,4,6-Tribromophenol	15.533	330	10312	2.255	ng	0.00
45) 2-Fluorobiphenyl	12.634	172	49240	1.775	ng	0.00
79) Terphenyl-d14	19.427	244	60400	2.502	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.904	122	156	2.705	ng	# 12
51) 2,6-Dinitrotoluene	13.610	165	15718	2.568	ng	# 20
53) 3-Nitroaniline	13.963	138	16421	2.655	ng	# 24
54) 2,4-Dinitrophenol	14.198	184	213	4.795	ng	# 1
56) 4-Nitrophenol	14.339	139	1922	4.004	ng	# 1
62) 4-Nitroaniline	15.228	138	14136	2.329	ng	89
65) 4,6-Dinitro-2-methylph...	15.198	198	5684	5.105	ng	# 1
66) n-Nitrosodiphenylamine	15.298	169	149800	7.532	ng	# 41
71) Phenanthrene	16.827	178	310873	8.532	ng	# 72
72) Anthracene	16.986	178	80597	2.274	ng	# 1
84) Bis(2-ethylhexyl)phtha...	20.921	149	5167	2.658	ng	# 43

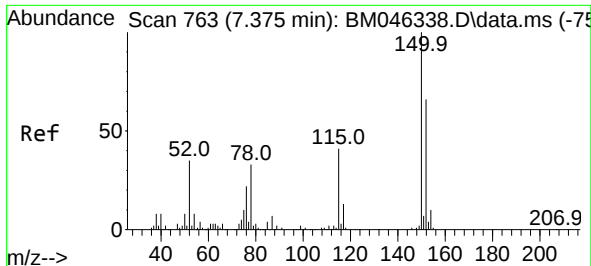
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
Data File : BM046360.D
Acq On : 28 Jun 2024 20:02
Operator : MA/JU
Sample : P3115-14 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20071

Quant Time: Jun 28 23:02:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 03:23:08 2024
Response via : Initial Calibration

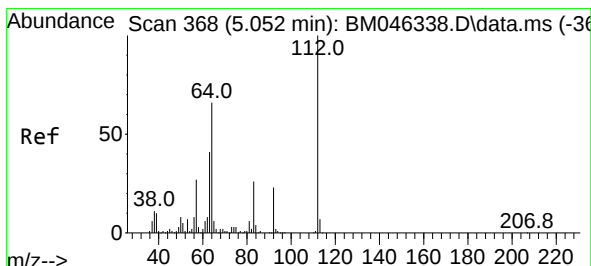
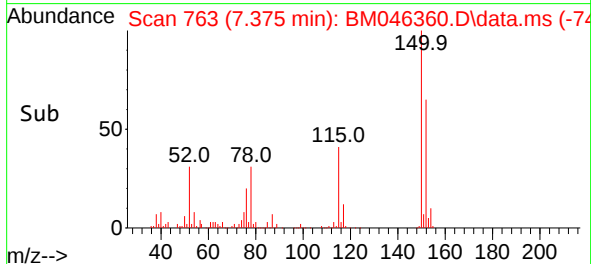
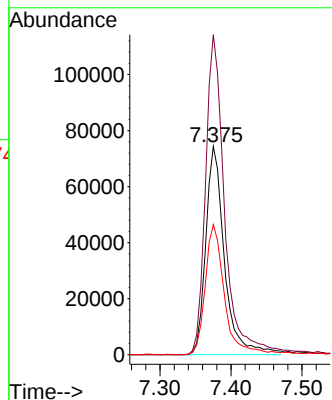
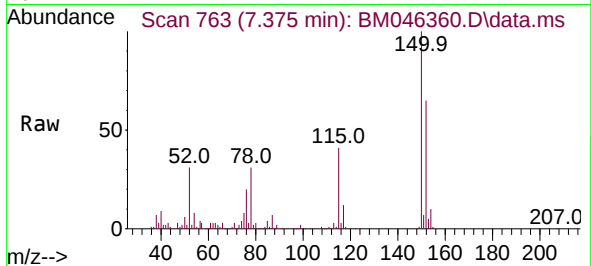




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 763
Delta R.T. 0.000 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

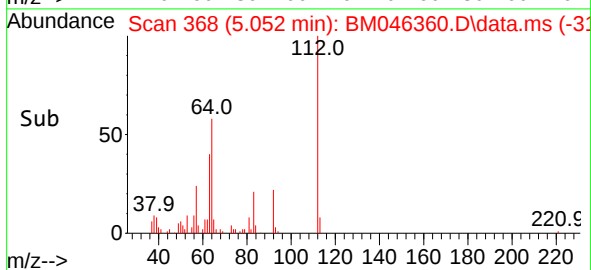
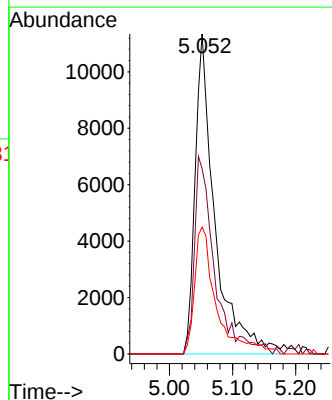
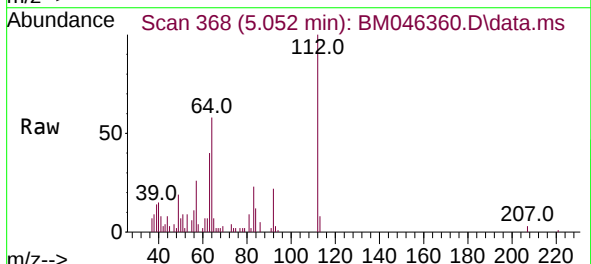
Instrument :
BNA_M
ClientSampleId :
20071

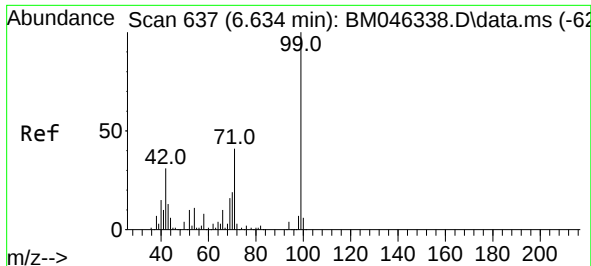
Tgt Ion:152 Resp: 136801
Ion Ratio Lower Upper
152 100
150 153.6 122.1 183.1
115 62.4 50.2 75.4



#5
2-Fluorophenol
Concen: 2.907 ng
RT: 5.052 min Scan# 368
Delta R.T. 0.000 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Tgt Ion:112 Resp: 24739
Ion Ratio Lower Upper
112 100
64 57.8 52.8 79.2
63 39.7 32.9 49.3

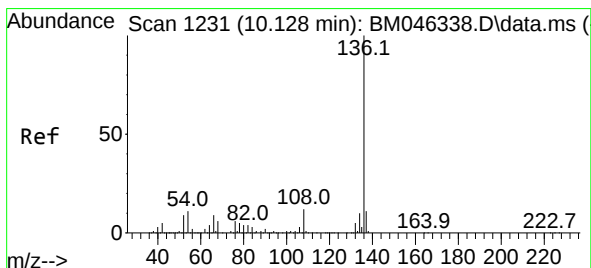
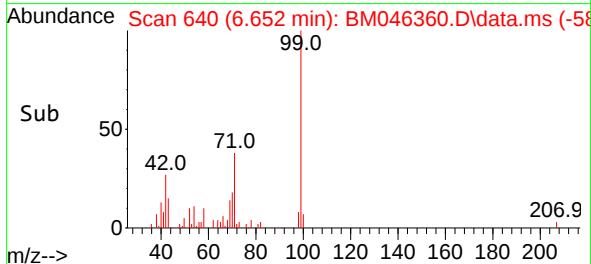
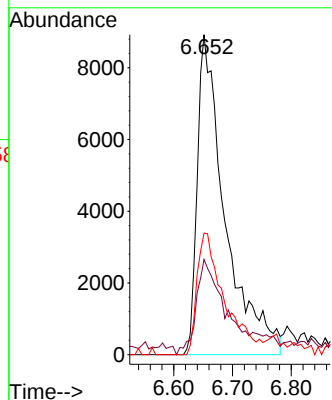
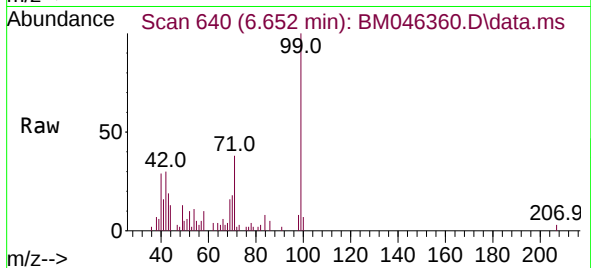




#7
Phenol-d6
Concen: 2.423 ng
RT: 6.652 min Scan# 64
Delta R.T. 0.018 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

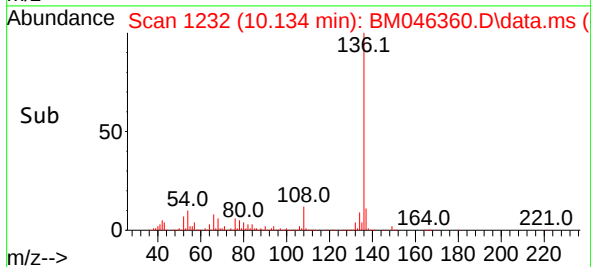
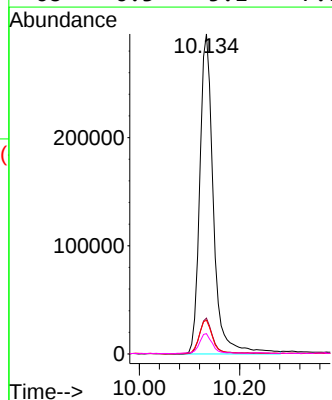
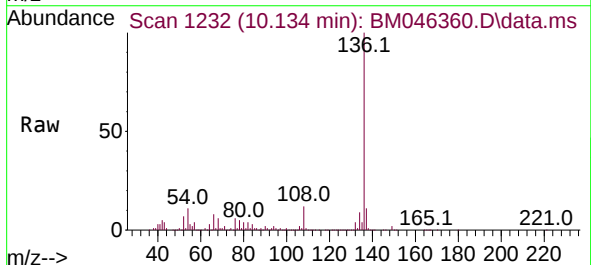
Instrument :
BNA_M
ClientSampleId :
20071

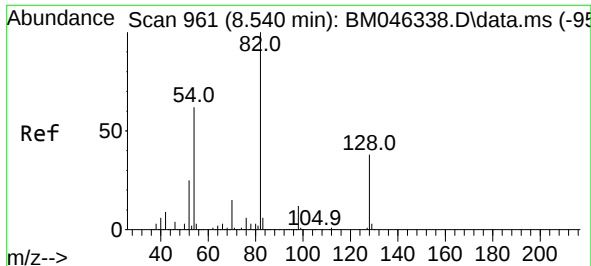
Tgt Ion: 99 Resp: 29292
Ion Ratio Lower Upper
99 100
42 29.7 24.8 37.2
71 38.0 33.1 49.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.134 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Tgt Ion: 136 Resp: 559625
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.5 9.0 13.4
68 6.3 5.1 7.7

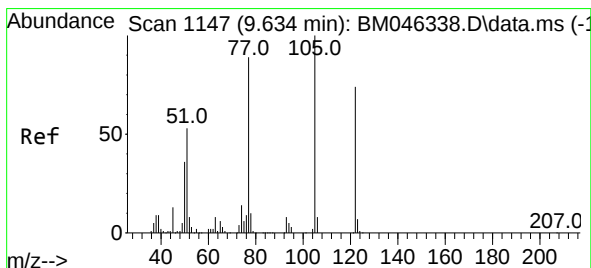
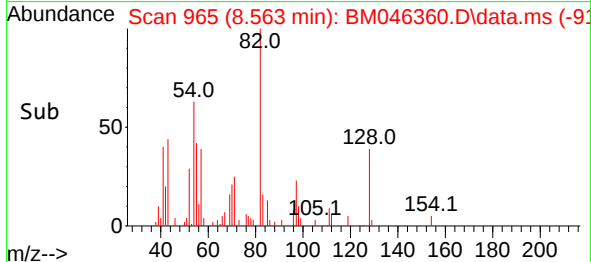
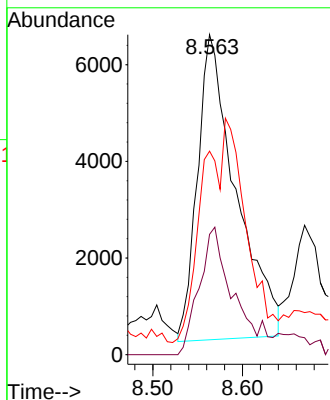
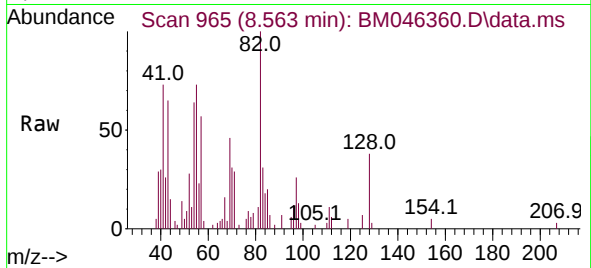




#23
Nitrobenzene-d5
Concen: 1.391 ng
RT: 8.563 min Scan# 91
Delta R.T. 0.024 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

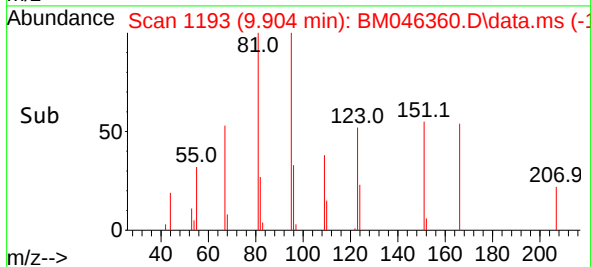
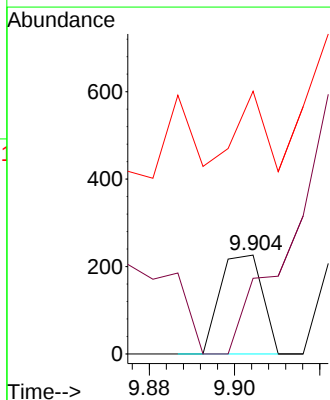
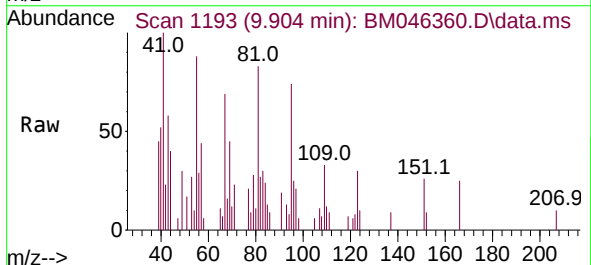
Instrument :
BNA_M
ClientSampleId :
20071

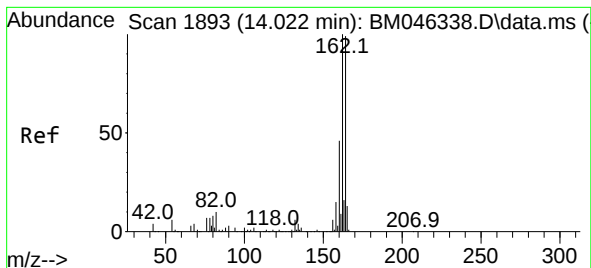
Tgt Ion: 82 Resp: 18782
Ion Ratio Lower Upper
82 100
128 37.6 30.6 46.0
54 63.6 49.6 74.4



#32
Benzoic acid
Concen: 2.705 ng
RT: 9.904 min Scan# 1193
Delta R.T. 0.270 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Tgt Ion: 122 Resp: 156
Ion Ratio Lower Upper
122 100
105 76.5 115.0 155.0#
77 265.9 100.1 140.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM046360.D

Acq: 28 Jun 2024 20:02

Instrument :

BNA_M

ClientSampleId :

20071

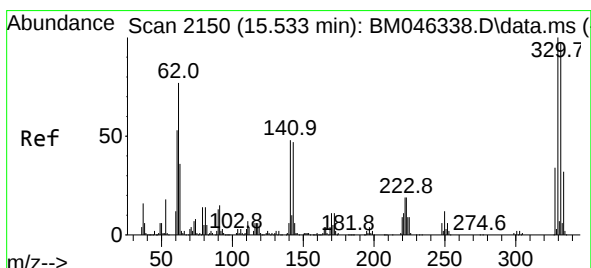
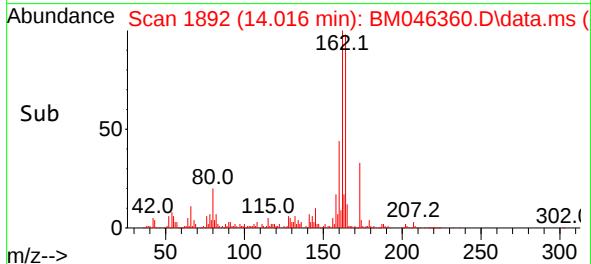
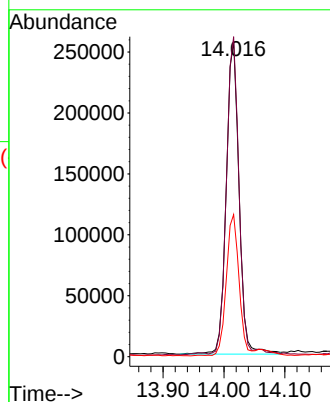
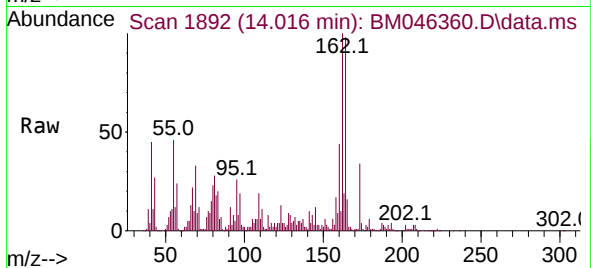
Tgt Ion:164 Resp: 376029

Ion Ratio Lower Upper

164 100

162 101.6 80.5 120.7

160 45.1 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 2.255 ng

RT: 15.533 min Scan# 2150

Delta R.T. 0.000 min

Lab File: BM046360.D

Acq: 28 Jun 2024 20:02

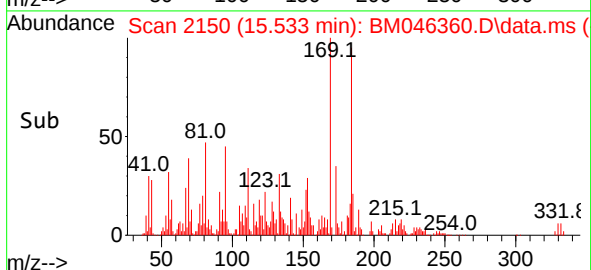
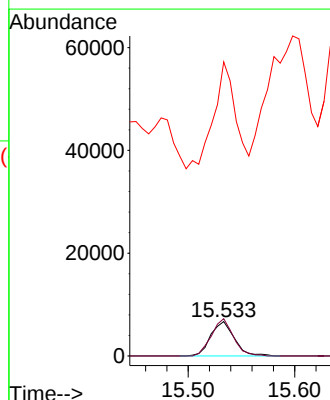
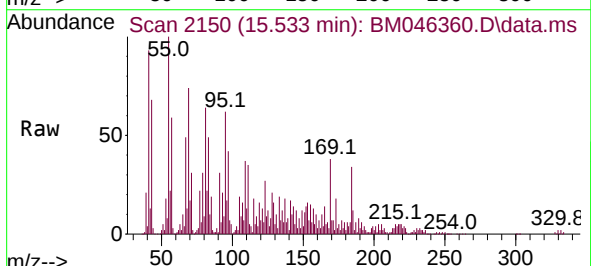
Tgt Ion:330 Resp: 10312

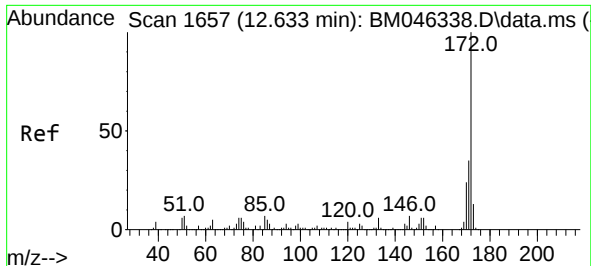
Ion Ratio Lower Upper

330 100

332 100.7 77.8 116.6

141 251.8 43.2 64.8#

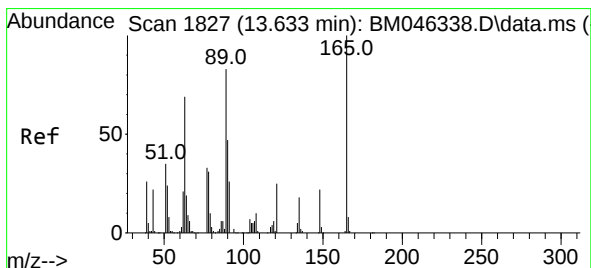
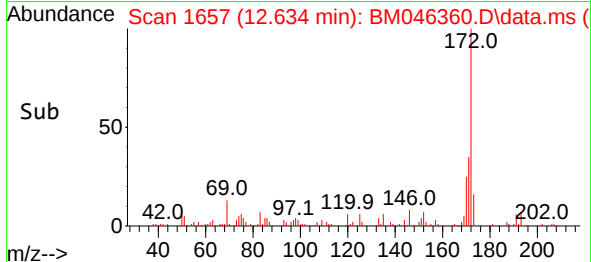
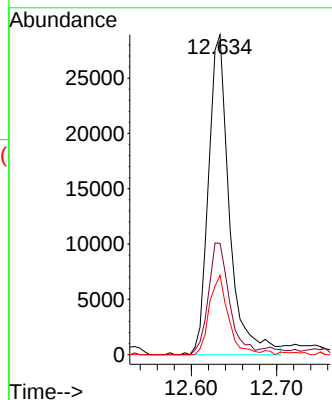
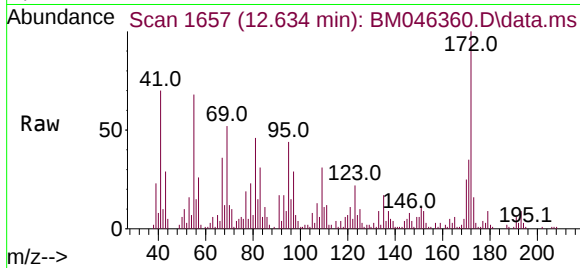




#45
2-Fluorobiphenyl
Concen: 1.775 ng
RT: 12.634 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

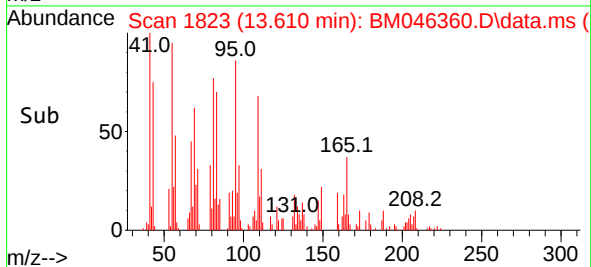
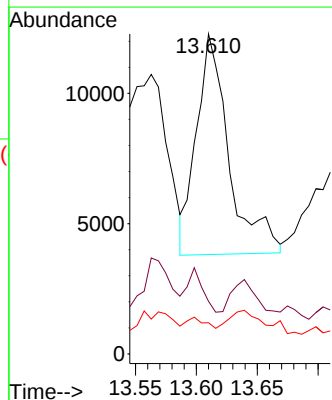
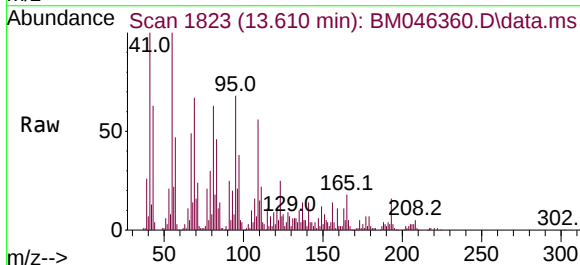
Instrument :
BNA_M
ClientSampleId :
20071

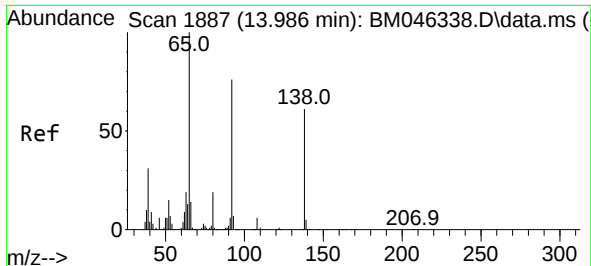
Tgt Ion:172 Resp: 49240
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 24.8 19.4 29.0



#51
2,6-Dinitrotoluene
Concen: 2.568 ng
RT: 13.610 min Scan# 1823
Delta R.T. -0.023 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Tgt Ion:165 Resp: 15718
Ion Ratio Lower Upper
165 100
63 16.4 74.4 111.6#
89 9.8 66.2 99.2#

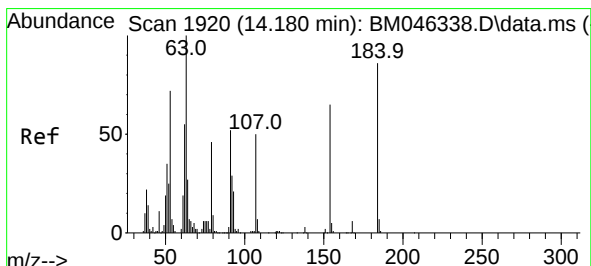
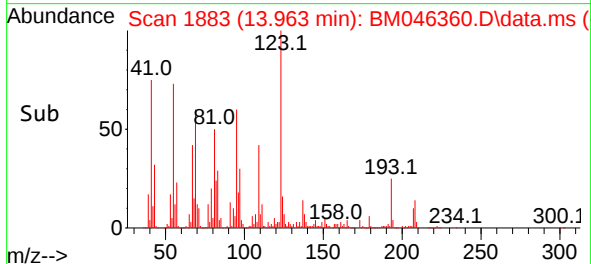
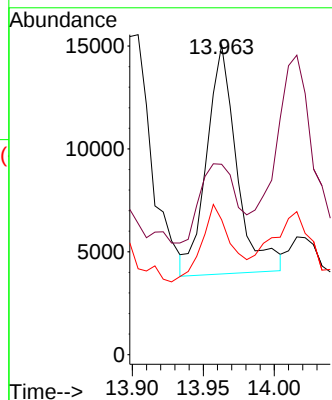
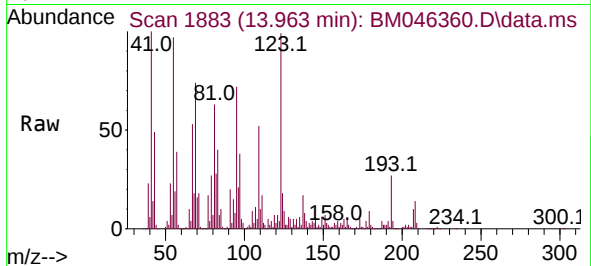




#53
3-Nitroaniline
Concen: 2.655 ng
RT: 13.963 min Scan# 1883
Delta R.T. -0.023 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

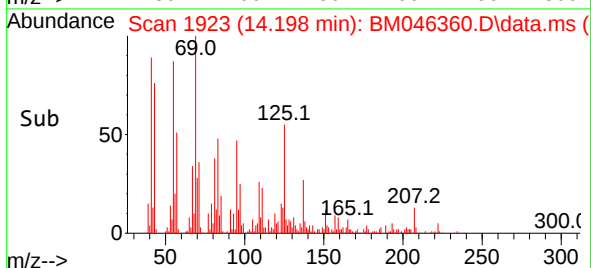
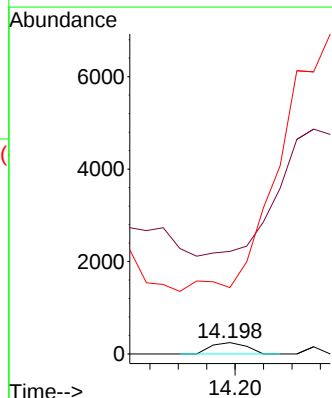
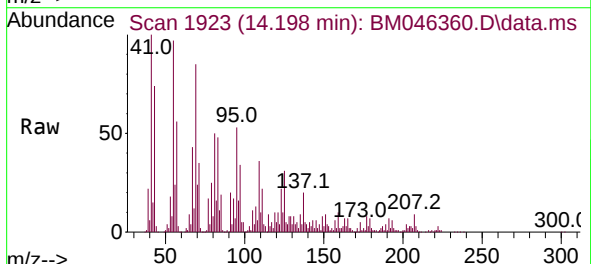
Instrument :
BNA_M
ClientSampleId :
20071

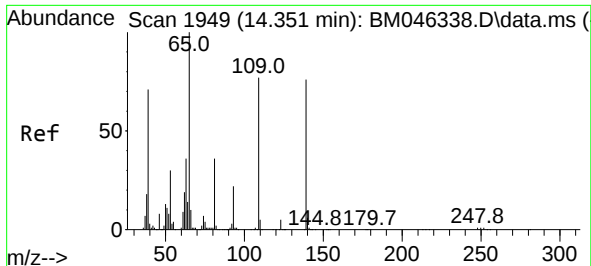
Tgt Ion:138 Resp: 16421
Ion Ratio Lower Upper
138 100
108 61.5 7.4 11.0#
92 43.5 99.3 148.9#



#54
2,4-Dinitrophenol
Concen: 4.795 ng
RT: 14.198 min Scan# 1923
Delta R.T. 0.018 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Tgt Ion:184 Resp: 213
Ion Ratio Lower Upper
184 100
63 905.3 93.5 140.3#
154 586.9 61.2 91.8#

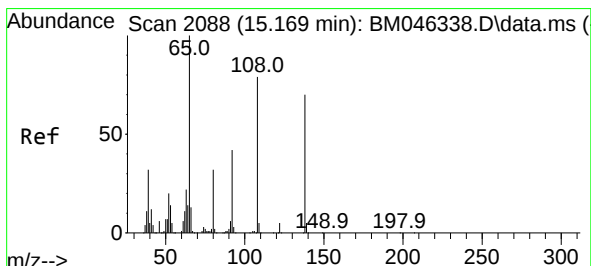
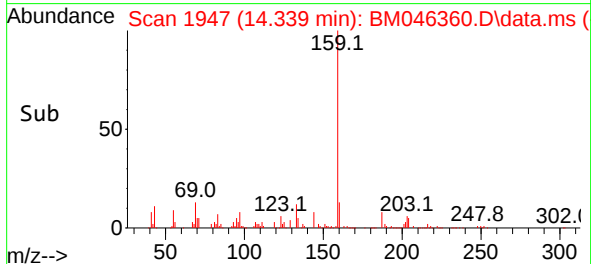
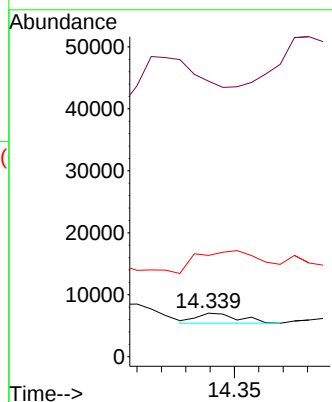
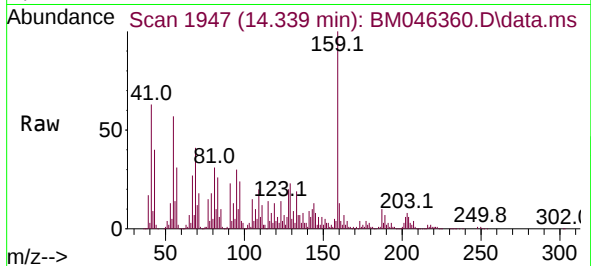




#56
4-Nitrophenol
Concen: 4.004 ng
RT: 14.339 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

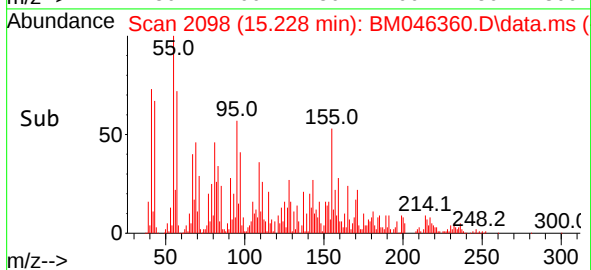
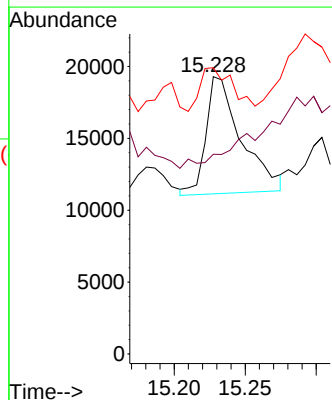
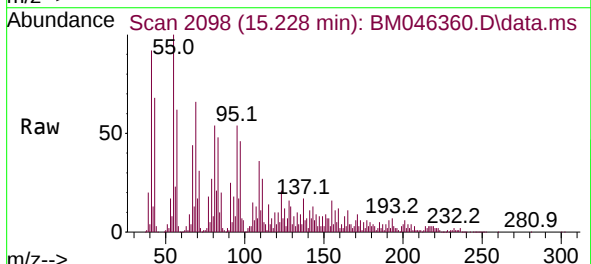
Instrument :
BNA_M
ClientSampleId :
20071

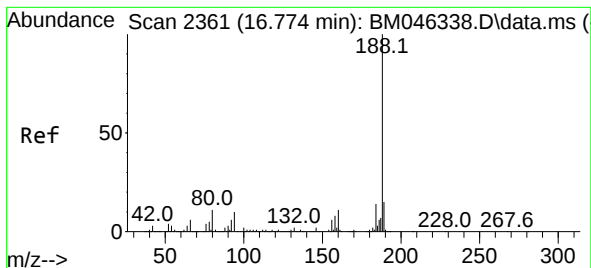
Tgt Ion:139 Resp: 1922
Ion Ratio Lower Upper
139 100
109 633.1 82.0 122.0#
65 232.8 112.0 152.0#



#62
4-Nitroaniline
Concen: 2.329 ng
RT: 15.228 min Scan# 2098
Delta R.T. 0.059 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Tgt Ion:138 Resp: 14136
Ion Ratio Lower Upper
138 100
92 72.0 39.5 79.5
108 103.2 91.6 131.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM046360.D

Acq: 28 Jun 2024 20:02

Instrument :

BNA_M

ClientSampleId :

20071

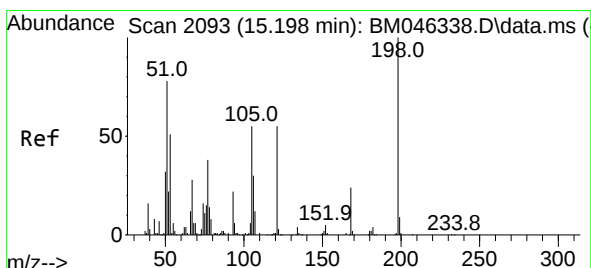
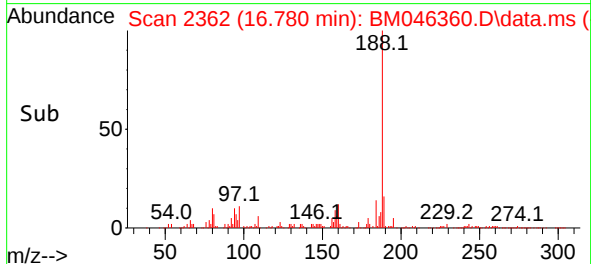
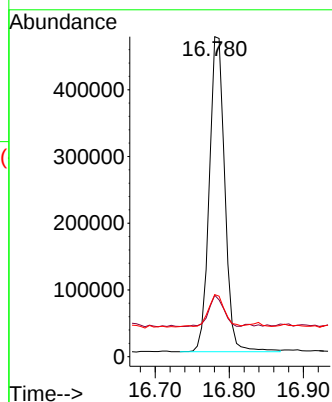
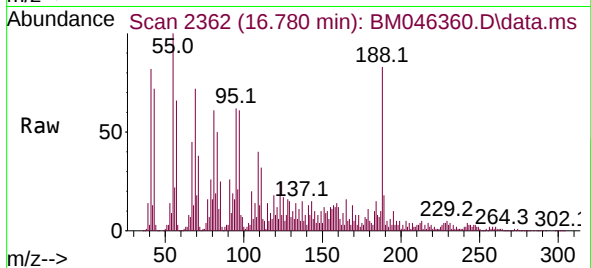
Tgt Ion:188 Resp: 684708

Ion Ratio Lower Upper

188 100

94 19.2 7.9 11.9#

80 19.4 9.0 13.6#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.105 ng

RT: 15.198 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BM046360.D

Acq: 28 Jun 2024 20:02

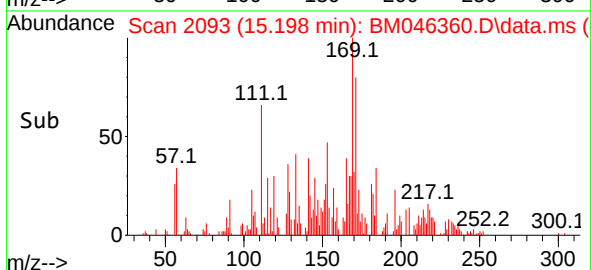
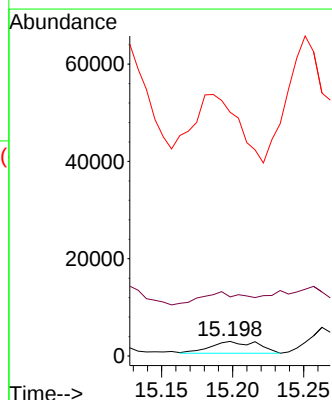
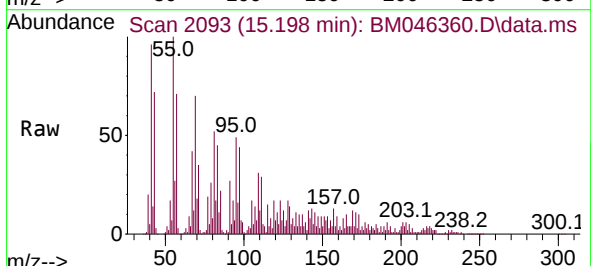
Tgt Ion:198 Resp: 5684

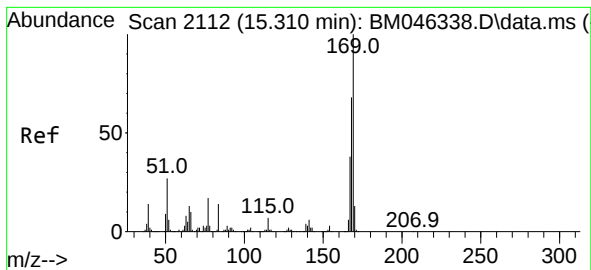
Ion Ratio Lower Upper

198 100

51 405.1 65.1 105.1#

105 1673.5 36.0 76.0#

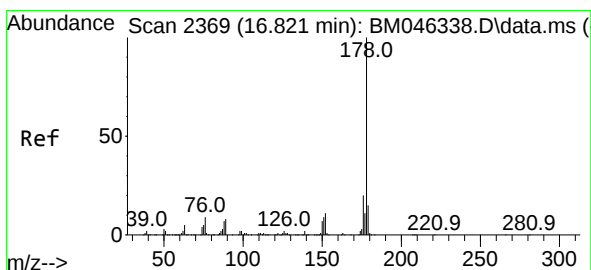
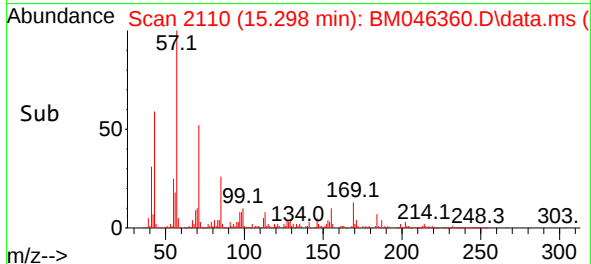
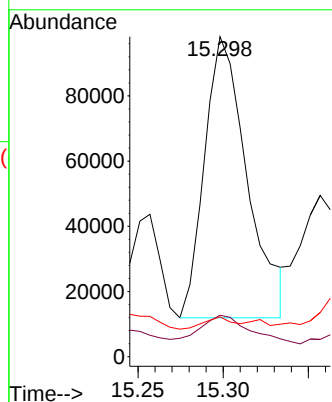
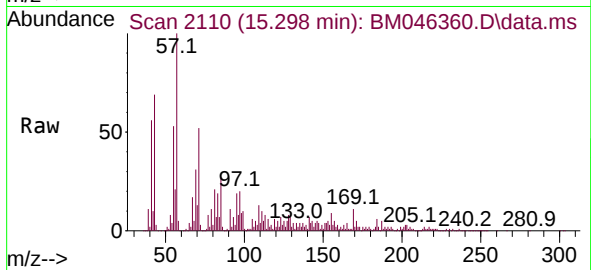




#66
n-Nitrosodiphenylamine
Concen: 7.532 ng
RT: 15.298 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

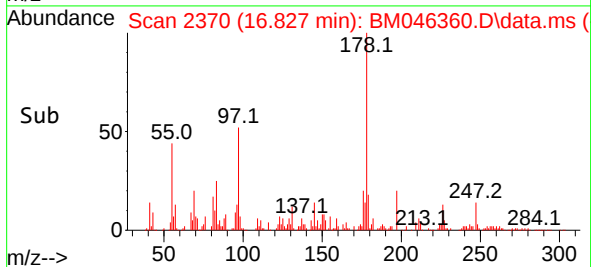
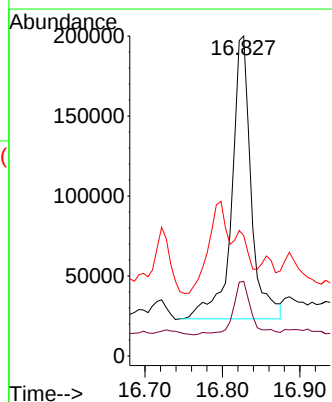
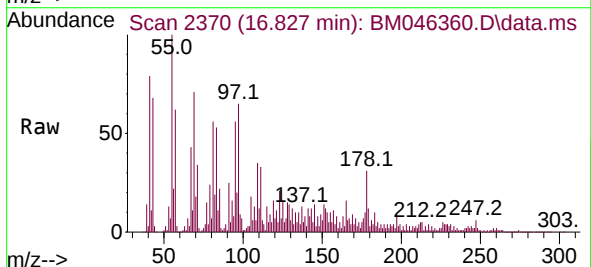
Instrument :
BNA_M
ClientSampleId :
20071

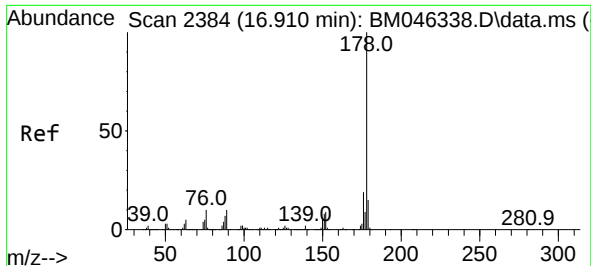
Tgt Ion:169 Resp: 149800
Ion Ratio Lower Upper
169 100
168 12.9 54.2 81.4#
167 12.4 30.2 45.2#



#71
Phenanthrene
Concen: 8.532 ng
RT: 16.827 min Scan# 2370
Delta R.T. 0.006 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Tgt Ion:178 Resp: 310873
Ion Ratio Lower Upper
178 100
176 23.3 15.8 23.8
179 37.6 12.2 18.4#

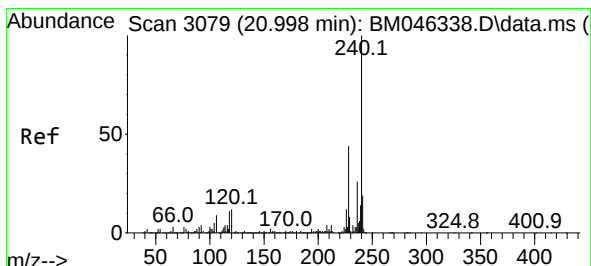
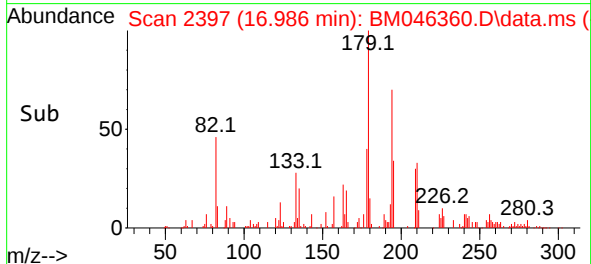
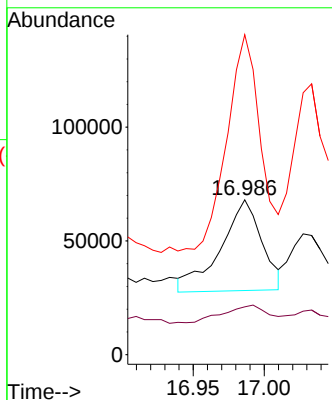
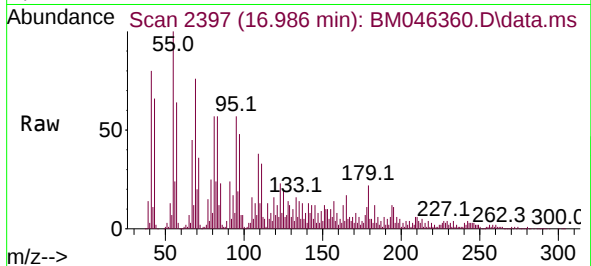




#72
Anthracene
Concen: 2.274 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.077 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

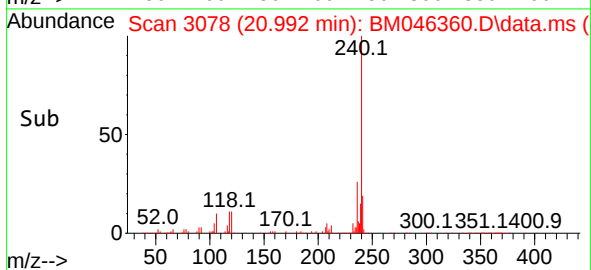
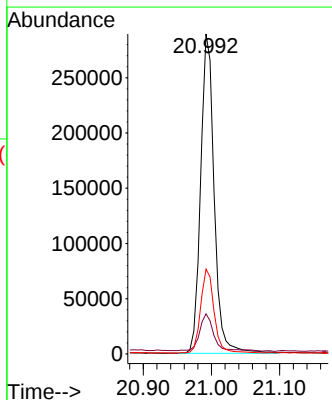
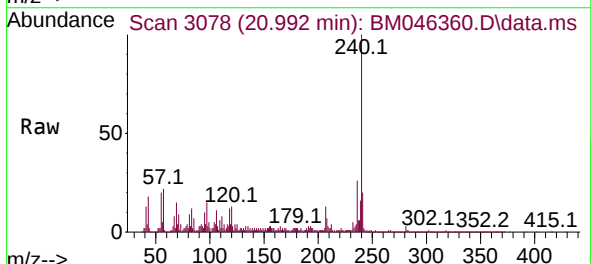
Instrument :
BNA_M
ClientSampleId :
20071

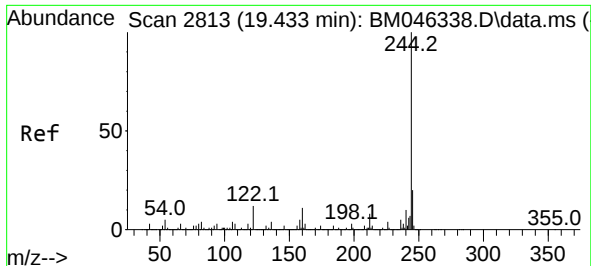
Tgt Ion:178 Resp: 80597
Ion Ratio Lower Upper
178 100
176 30.8 15.1 22.7#
179 206.5 12.0 18.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.992 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Tgt Ion:240 Resp: 399335
Ion Ratio Lower Upper
240 100
120 12.6 9.3 13.9
236 26.5 20.5 30.7

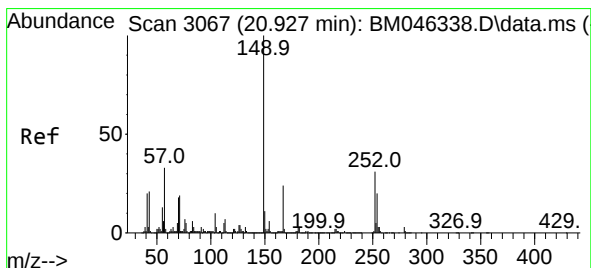
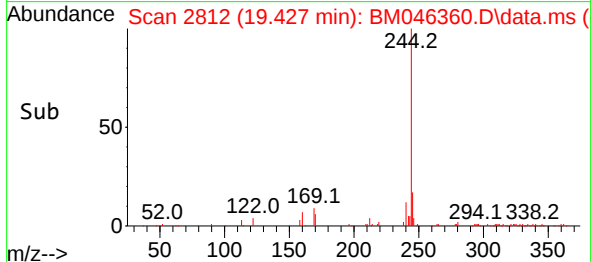
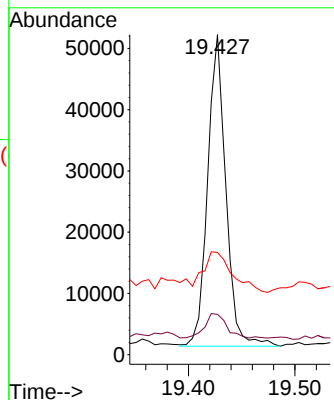
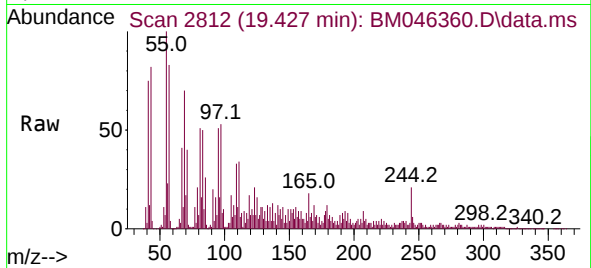




#79
 Terphenyl-d14
 Concen: 2.502 ng
 RT: 19.427 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM046360.D
 Acq: 28 Jun 2024 20:02

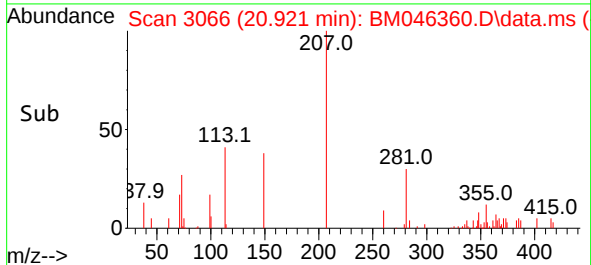
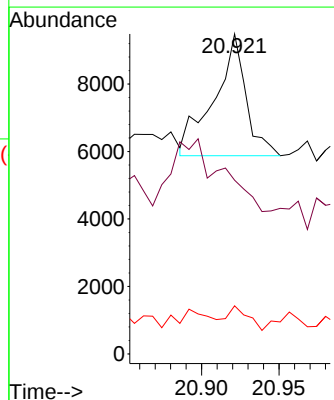
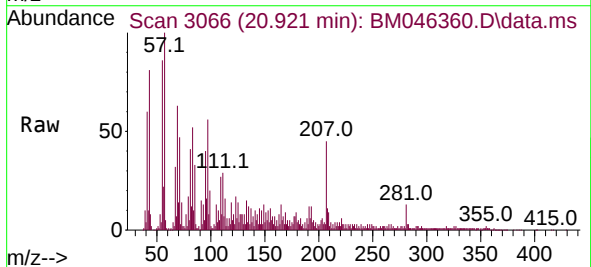
Instrument :
 BNA_M
 ClientSampleId :
 20071

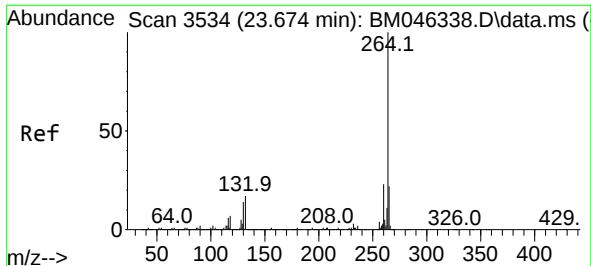
Tgt Ion:244 Resp: 60400
 Ion Ratio Lower Upper
 244 100
 212 12.6 6.5 9.7#
 122 32.0 9.4 14.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.658 ng
 RT: 20.921 min Scan# 3066
 Delta R.T. -0.006 min
 Lab File: BM046360.D
 Acq: 28 Jun 2024 20:02

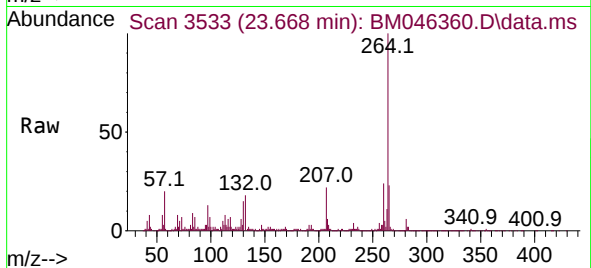
Tgt Ion:149 Resp: 5167
 Ion Ratio Lower Upper
 149 100
 167 54.3 19.6 29.4#
 279 15.0 2.6 4.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.668 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM046360.D
Acq: 28 Jun 2024 20:02

Instrument :
BNA_M
ClientSampleId :
20071



Tgt Ion:264 Resp: 462733

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	22.7	17.7	26.5

