

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
 Data File : BM048225.D
 Acq On : 24 Oct 2024 20:26
 Operator : RC/JU
 Sample : PB164366BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB164366BL

Quant Time: Oct 25 00:00:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	217658	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	789248	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	473893	20.000	ng	0.00
64) Phenanthrene-d10	17.110	188	888629	20.000	ng	0.00
76) Chrysene-d12	21.333	240	683470	20.000	ng	0.00
86) Perylene-d12	24.286	264	722400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1849767	142.855	ng	0.00
7) Phenol-d6	6.898	99	2235740	132.581	ng	0.00
23) Nitrobenzene-d5	8.875	82	1285890	91.993	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	724027	124.822	ng	0.00
45) 2-Fluorobiphenyl	12.980	172	2890105	93.583	ng	0.00
79) Terphenyl-d14	19.733	244	3440075	102.715	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.210	88	134	0.025	ng	# 1
3) Pyridine	3.610	79	380	0.027	ng	# 1
4) n-Nitrosodimethylamine	3.499	42	255	0.043	ng	# 1
6) Aniline	7.051	93	66	0.005	ng	# 44
8) 2-Chlorophenol	7.528	128	64	0.005	ng	# 37
9) Benzaldehyde	6.840	77	377	0.046	ng	# 11
10) Phenol	6.898	94	541	0.032	ng	# 1
11) bis(2-Chloroethyl)ether	7.051	93	66	0.005	ng	# 21
15) Benzyl Alcohol	7.975	79	347	0.032	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.275	45	352	0.018	ng	# 1
18) Hexachloroethane	8.687	117	71	0.012	ng	# 1
22) Acetophenone	8.545	105	60	0.003	ng	# 1
24) Nitrobenzene	8.957	77	346	0.024	ng	# 38
25) Isophorone	9.451	82	321	0.013	ng	# 65
31) Naphthalene	10.592	128	62	0.002	ng	# 69
46) 1,1'-Biphenyl	12.980	154	5581	0.165	ng	# 1
48) 2-Nitroaniline	13.322	65	54	0.007	ng	# 2
50) Dimethylphthalate	13.810	163	53	0.002	ng	# 78
51) 2,6-Dinitrotoluene	13.874	165	54	0.007	ng	# 27
52) Acenaphthene	14.363	154	1617	0.065	ng	# 4
57) 2,4-Dinitrotoluene	14.716	165	118	0.012	ng	# 24
60) Diethylphthalate	15.192	149	57	0.002	ng	# 1
63) Azobenzene	15.704	77	223	0.008	ng	# 69
66) n-Nitrosodiphenylamine	15.851	169	22244	0.912	ng	# 46
70) Pentachlorophenol	16.798	266	179	0.025	ng	# 1
71) Phenanthrene	17.151	178	149	0.003	ng	# 60
72) Anthracene	17.227	178	58	0.001	ng	# 61
74) Di-n-butylphthalate	18.092	149	938	0.018	ng	# 79
75) Fluoranthene	19.174	202	61	0.001	ng	# 64
78) Pyrene	19.727	202	10421	0.228	ng	# 66
80) Butylbenzylphthalate	20.439	149	240	0.013	ng	# 69
81) Benzo(a)anthracene	21.327	228	1971	0.045	ng	# 65
82) 3,3'-Dichlorobenzidine	21.233	252	380	0.025	ng	# 3
83) Chrysene	21.368	228	560	0.013	ng	# 50
84) Bis(2-ethylhexyl)phtha...	21.268	149	883	0.032	ng	# 68
85) Di-n-octyl phthalate	22.344	149	395	0.008	ng	# 1

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QLast Update : Wed Oct 23 18:21:59 2024
Response via : Initial Calibration

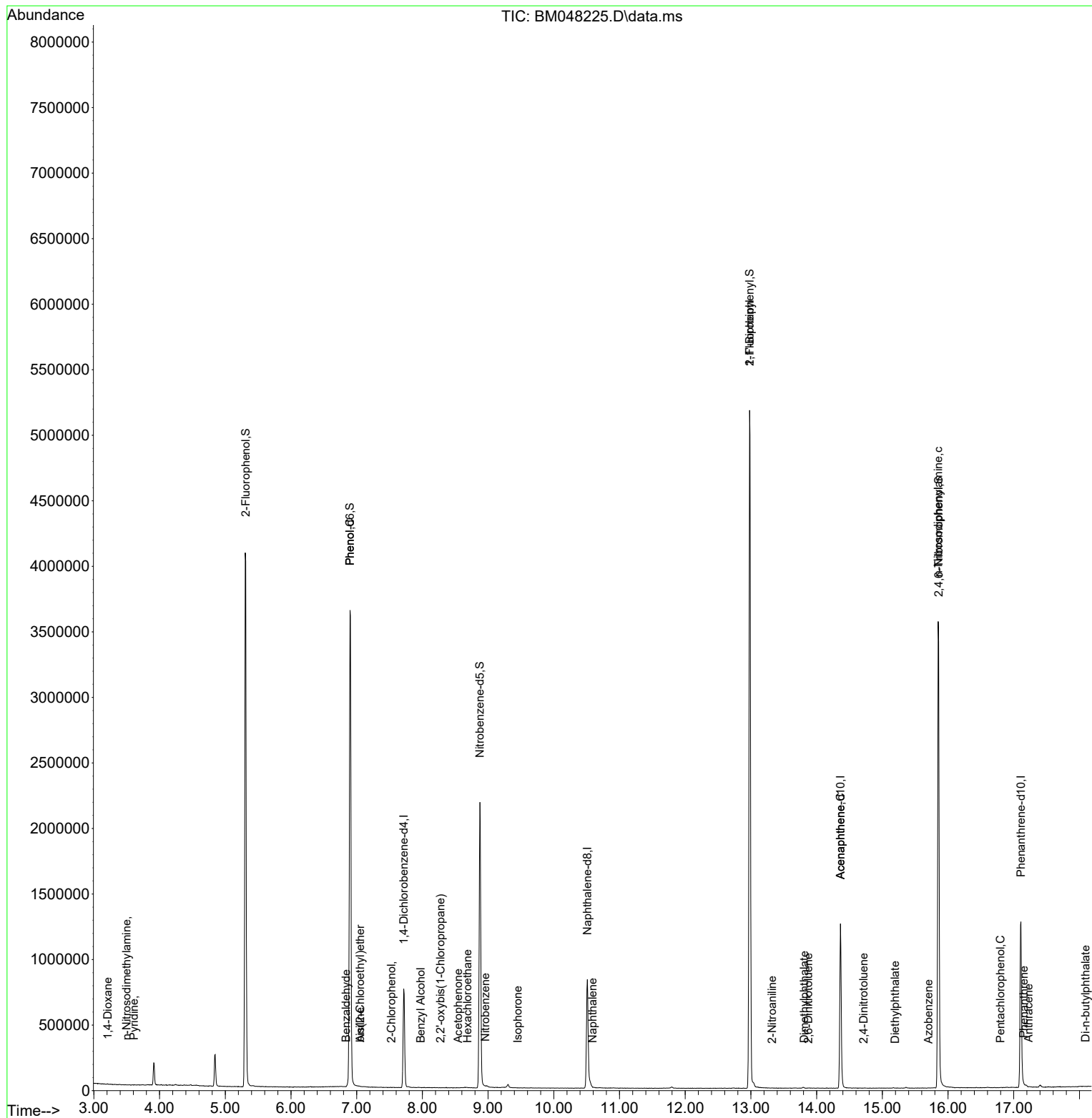
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.362	252	59	0.001	ng #	1
89) Benzo(k)fluoranthene	23.433	252	315	0.008	ng #	1
90) Benzo(a)pyrene	24.150	252	202	0.006	ng #	1

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

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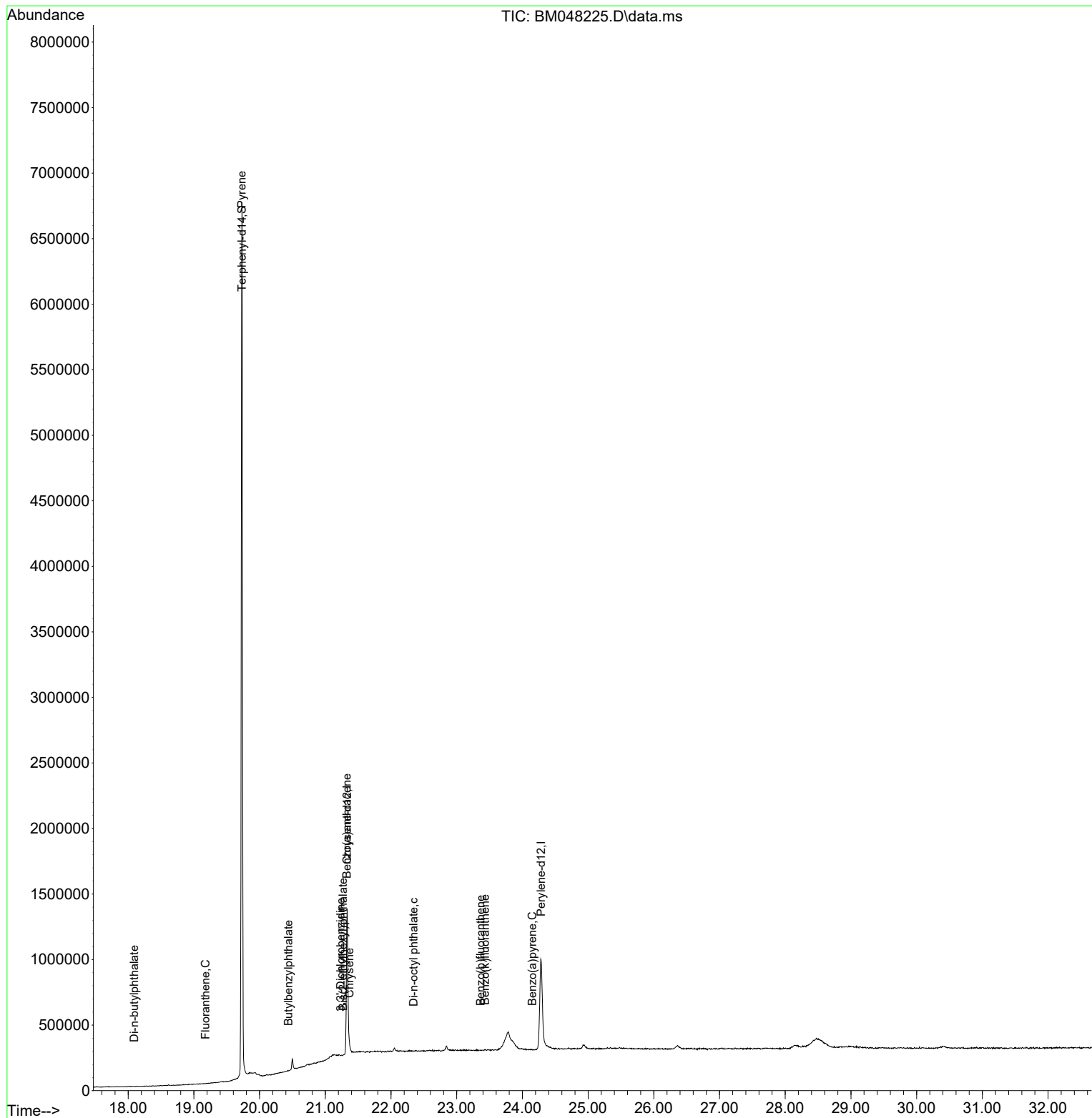
Quant Time: Oct 25 00:00:26 2024
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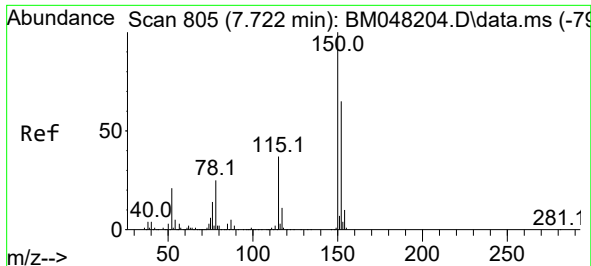


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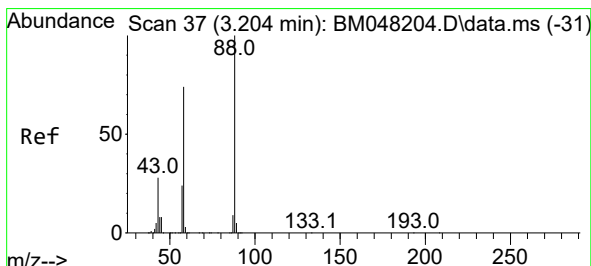
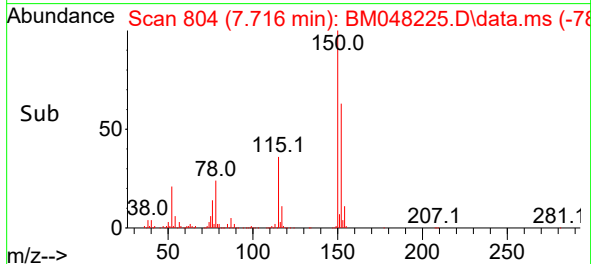
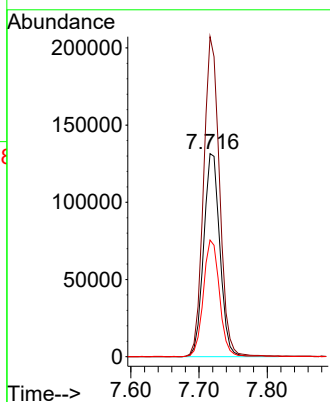
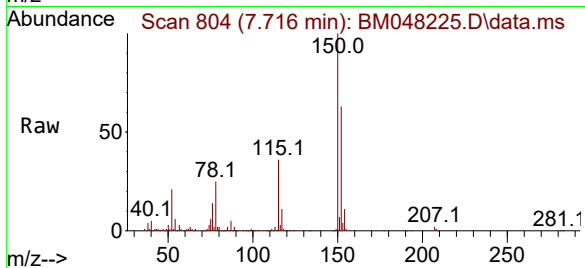




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

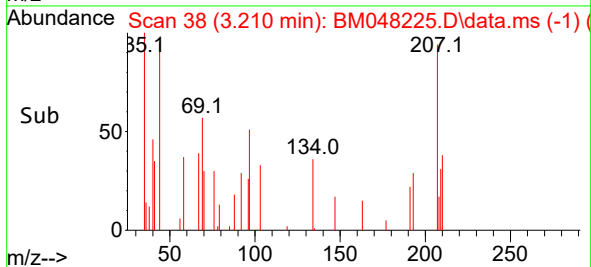
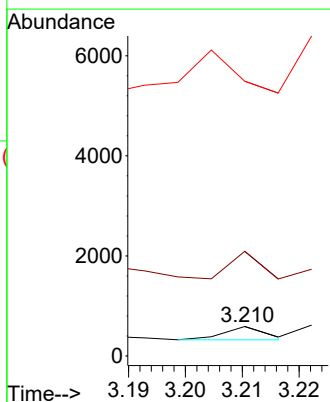
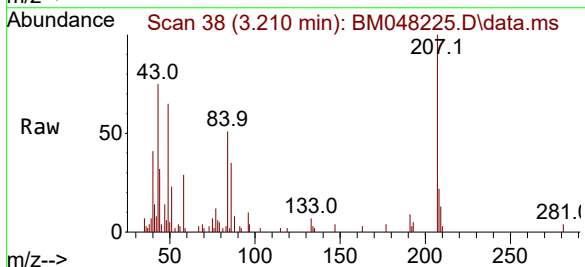
Instrument :
BNA_M
ClientSampleId :
PB164366BL

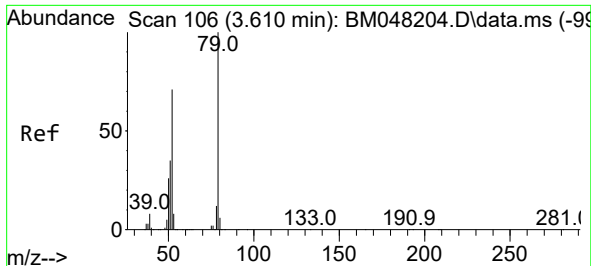
Tgt Ion:152 Resp: 217658
Ion Ratio Lower Upper
152 100
150 157.6 123.0 184.6
115 57.5 45.8 68.6



#2
1,4-Dioxane
Concen: 0.025 ng
RT: 3.210 min Scan# 38
Delta R.T. 0.006 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion: 88 Resp: 134
Ion Ratio Lower Upper
88 100
58 507.5 59.7 89.5#
43 347.0 22.6 33.8#

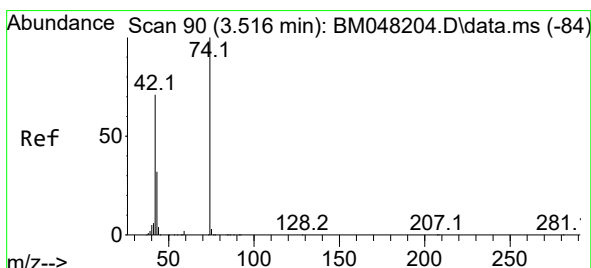
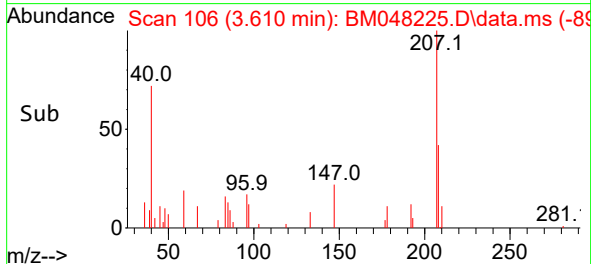
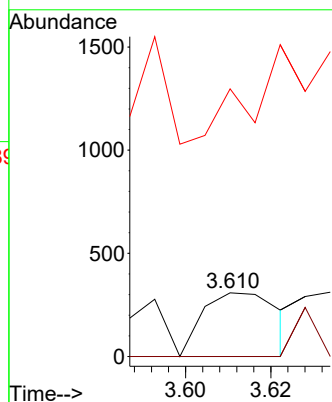
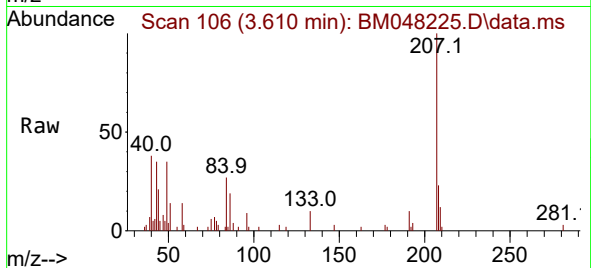




#3
Pyridine
Concen: 0.027 ng
RT: 3.610 min Scan# 106
Delta R.T. 0.000 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

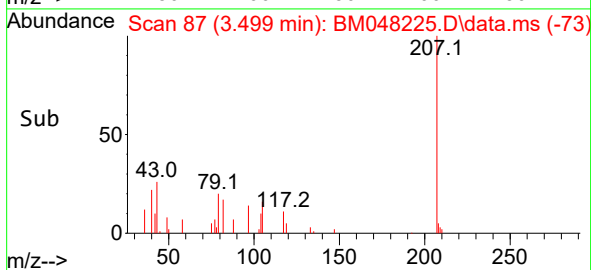
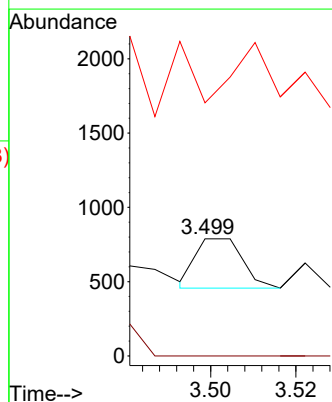
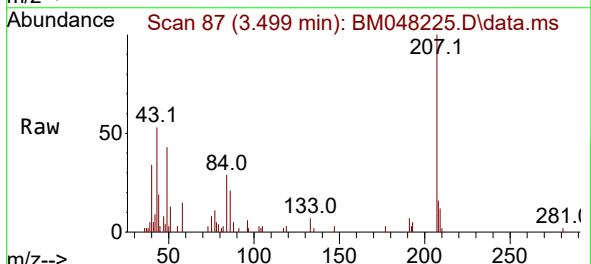
Instrument :
BNA_M
ClientSampleId :
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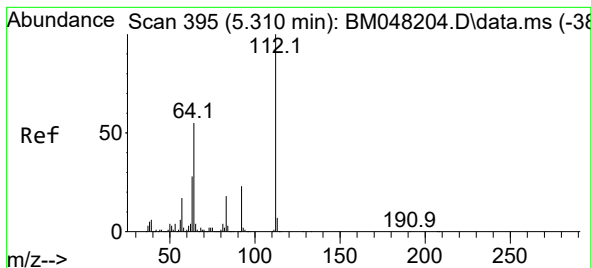
Tgt Ion: 79 Resp: 380
Ion Ratio Lower Upper
79 100
52 0.0 56.5 84.7#
51 419.7 28.5 42.7#



#4
n-Nitrosodimethylamine
Concen: 0.043 ng
RT: 3.499 min Scan# 87
Delta R.T. -0.017 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion: 42 Resp: 255
Ion Ratio Lower Upper
42 100
74 0.0 111.8 167.6#
44 216.2 6.0 9.0#

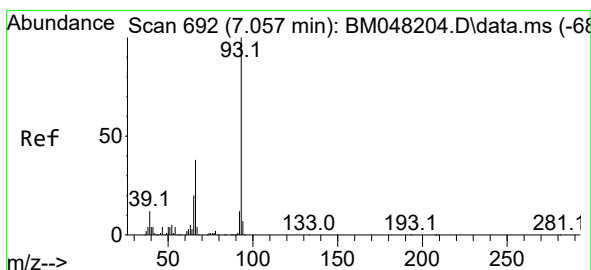
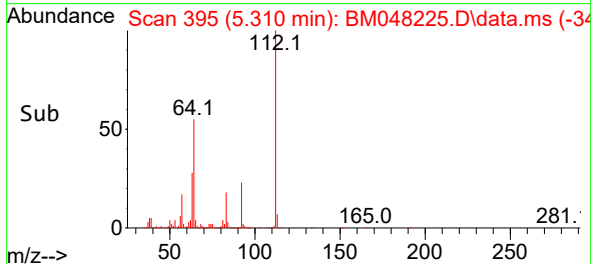
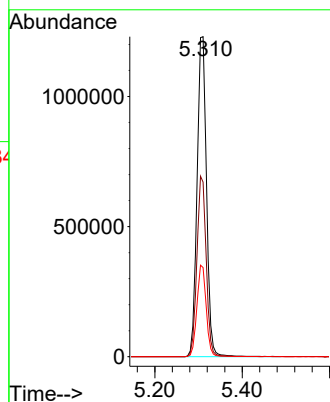
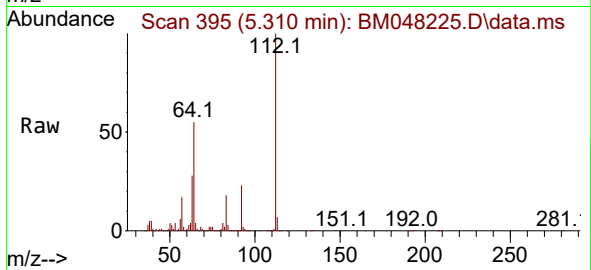




#5
2-Fluorophenol
Concen: 142.855 ng
RT: 5.310 min Scan# 395
Delta R.T. 0.000 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

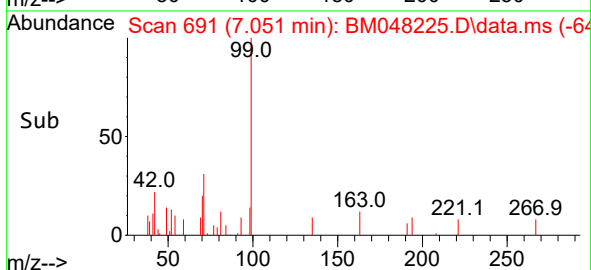
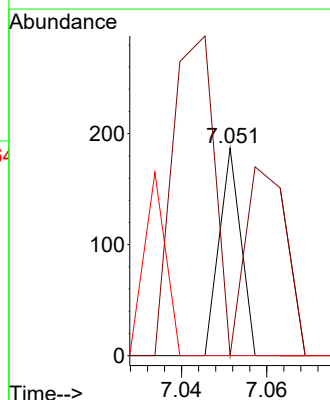
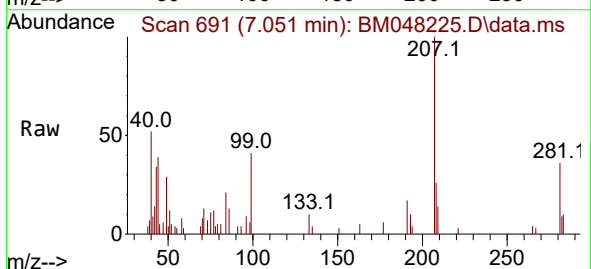
Instrument :
BNA_M
ClientSampleId :
PB164366BL

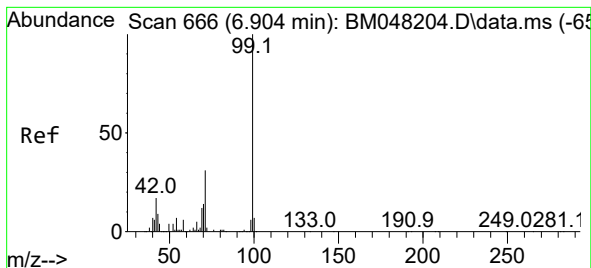
Tgt Ion:112 Resp: 1849767
Ion Ratio Lower Upper
112 100
64 54.5 44.2 66.2
63 27.9 22.7 34.1



#6
Aniline
Concen: 0.005 ng
RT: 7.051 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion: 93 Resp: 66
Ion Ratio Lower Upper
93 100
66 0.0 30.2 45.2#
65 0.0 16.2 24.2#





#7

Phenol-d6

Concen: 132.581 ng

RT: 6.898 min Scan# 6

Delta R.T. -0.006 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

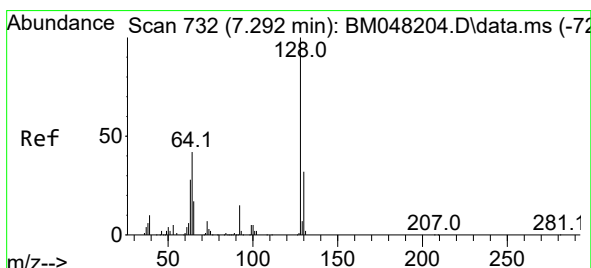
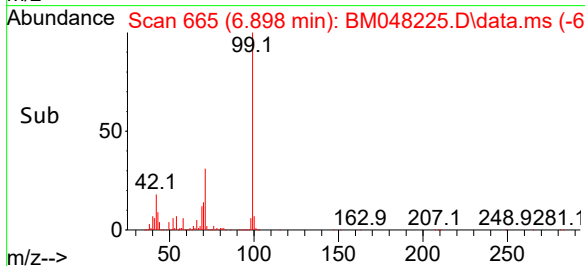
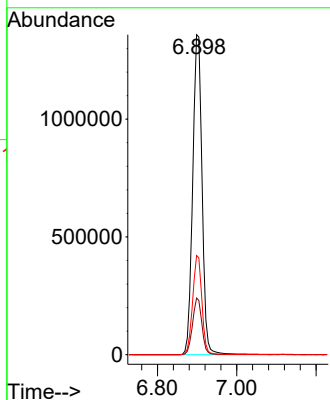
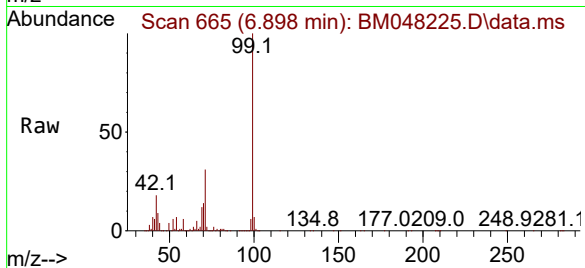
Tgt Ion: 99 Resp: 2235740

Ion Ratio Lower Upper

99 100

42 17.7 13.8 20.8

71 31.0 24.9 37.3



#8

2-Chlorophenol

Concen: 0.005 ng

RT: 7.528 min Scan# 772

Delta R.T. 0.235 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

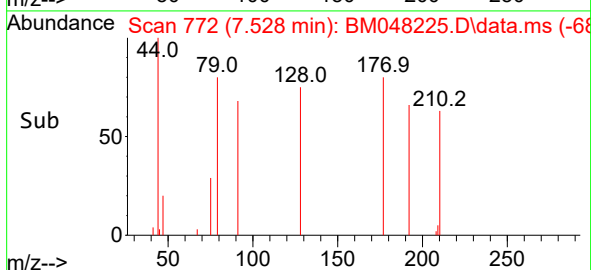
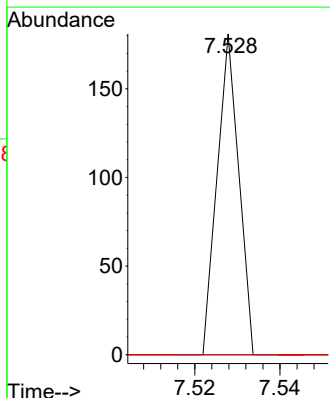
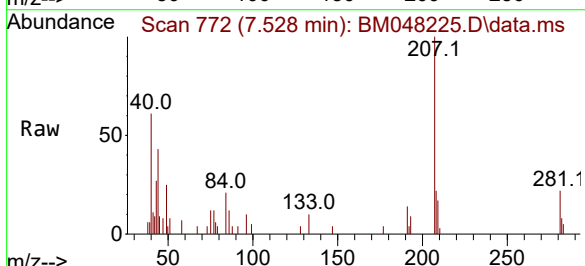
Tgt Ion:128 Resp: 64

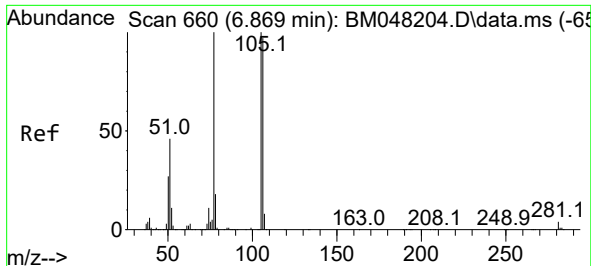
Ion Ratio Lower Upper

128 100

130 0.0 12.1 52.1#

64 0.0 23.8 63.8#

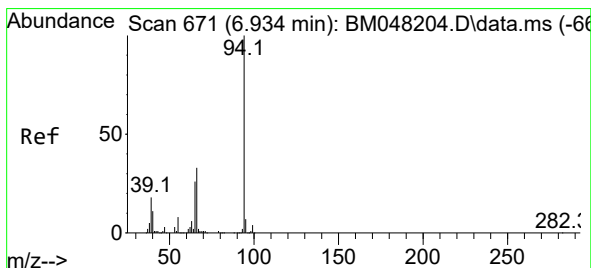
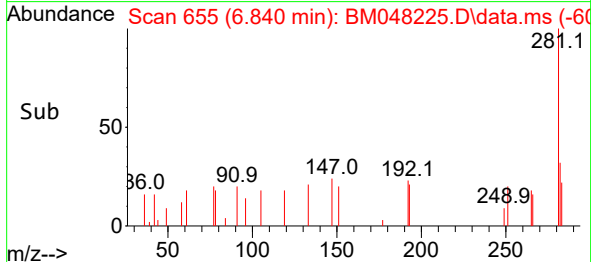
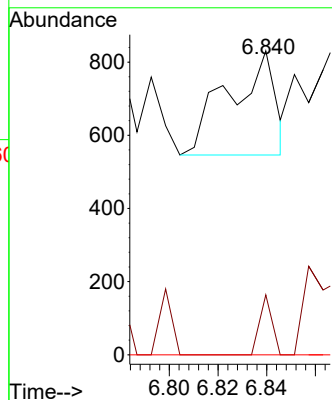
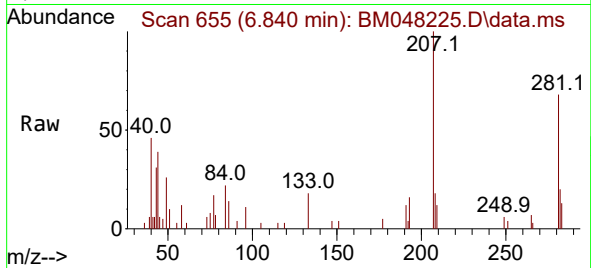




#9
Benzaldehyde
Concen: 0.046 ng
RT: 6.840 min Scan# 610
Delta R.T. -0.029 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

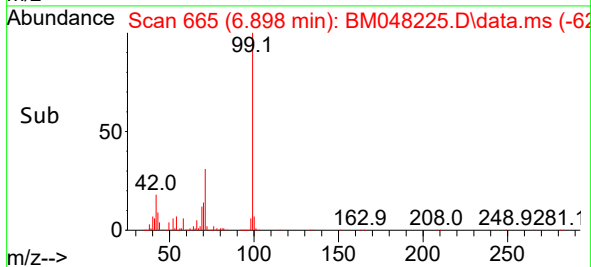
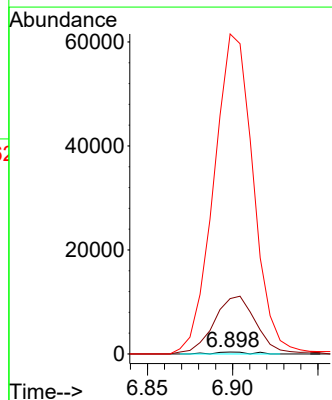
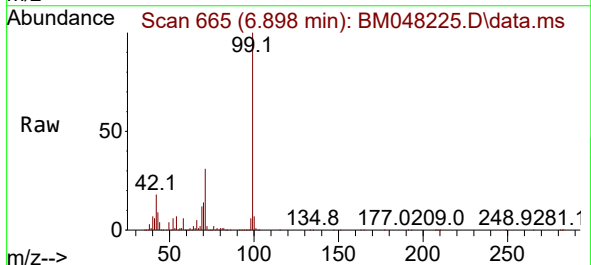
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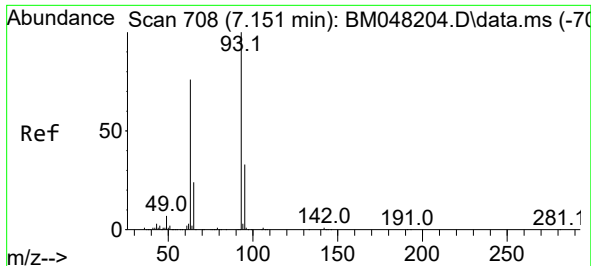
Tgt Ion: 77 Resp: 377
Ion Ratio Lower Upper
77 100
105 19.7 79.6 119.6#
106 0.0 77.0 117.0#



#10
Phenol
Concen: 0.032 ng
RT: 6.898 min Scan# 665
Delta R.T. -0.035 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion: 94 Resp: 541
Ion Ratio Lower Upper
94 100
65 2994.9 6.5 46.5#
66 17289.9 13.6 53.6#

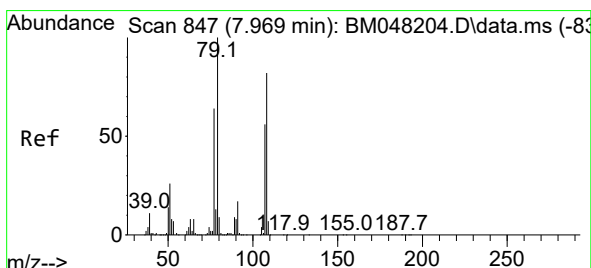
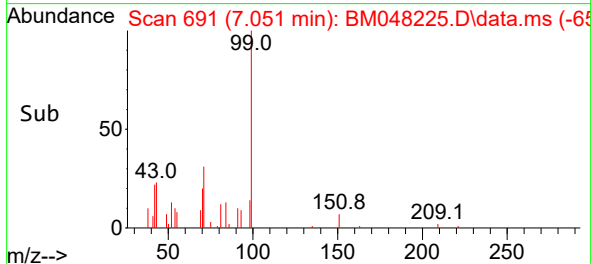
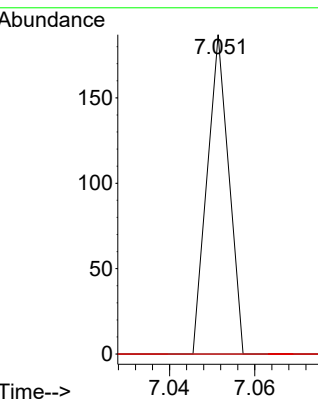
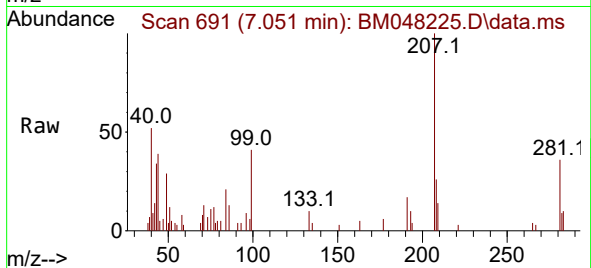




#11
bis(2-Chloroethyl)ether
Concen: 0.005 ng
RT: 7.051 min Scan# 60
Delta R.T. -0.100 min
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Acq: 24 Oct 2024 20:26

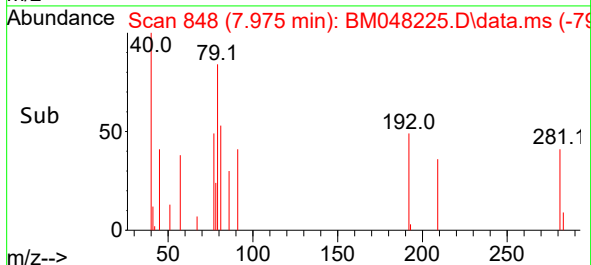
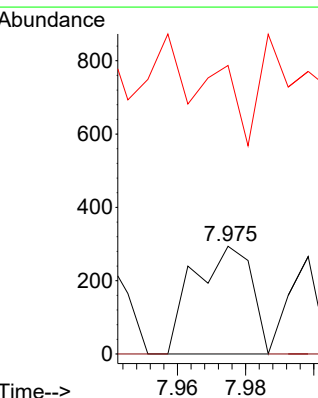
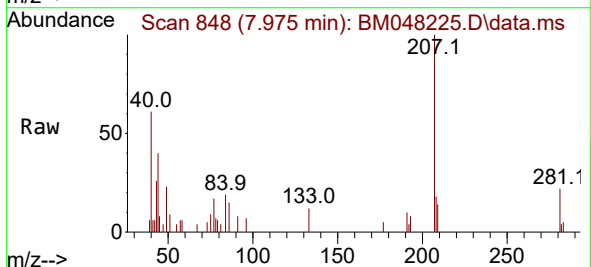
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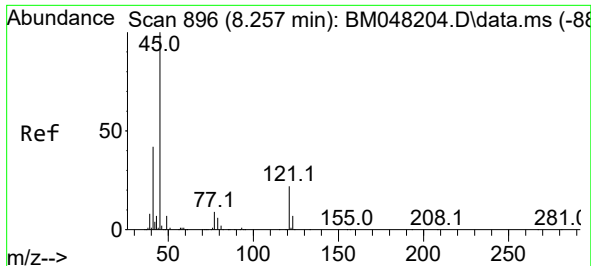
Tgt Ion:	93	Resp:	66
Ion	Ratio	Lower	Upper
93	100		
63	0.0	55.3	95.3#
95	0.0	12.4	52.4#



#15
Benzyl Alcohol
Concen: 0.032 ng
RT: 7.975 min Scan# 848
Delta R.T. 0.006 min
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Tgt Ion:	79	Resp:	347
Ion	Ratio	Lower	Upper
79	100		
108	0.0	65.2	97.8#
77	267.7	51.4	77.2#

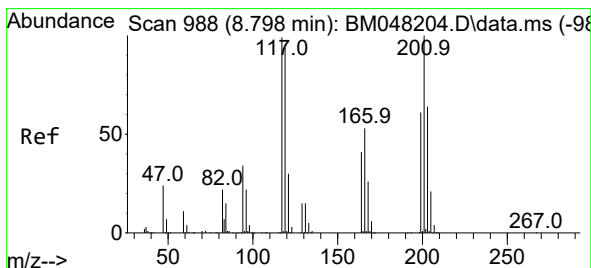
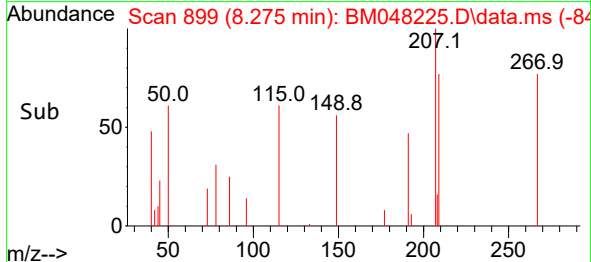
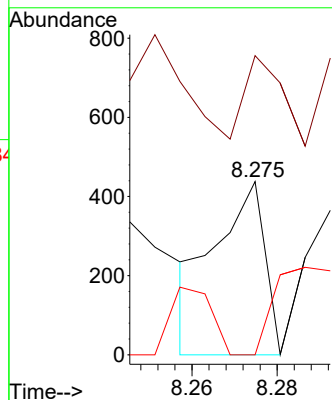
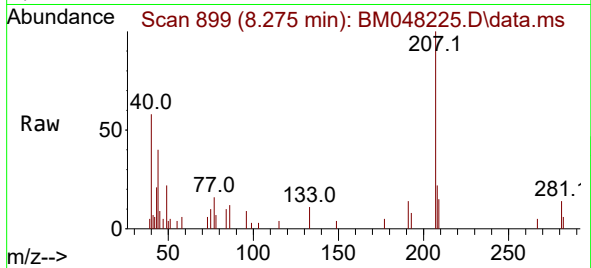




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.018 ng
RT: 8.275 min Scan# 896
Delta R.T. 0.018 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

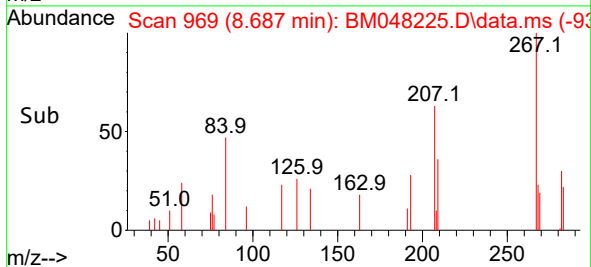
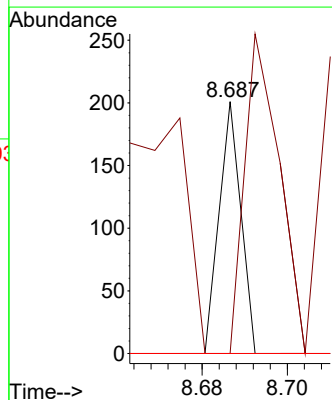
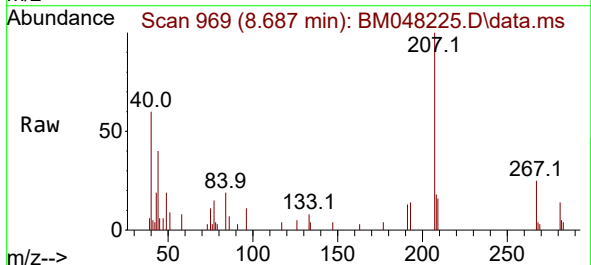
Instrument :
BNA_M
ClientSampleId :
PB164366BL

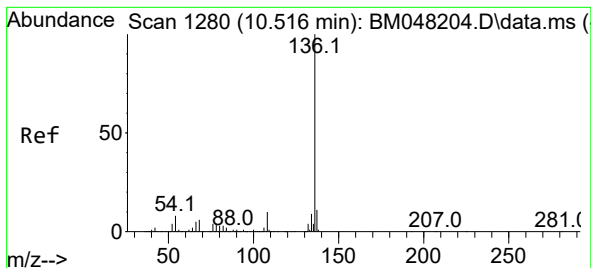
Tgt Ion: 45 Resp: 352
Ion Ratio Lower Upper
45 100
77 172.6 0.0 34.2#
79 0.0 0.0 30.7



#18
Hexachloroethane
Concen: 0.012 ng
RT: 8.687 min Scan# 969
Delta R.T. -0.112 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion: 117 Resp: 71
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
201 0.0 80.9 121.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.510 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

Tgt Ion:136 Resp: 789248

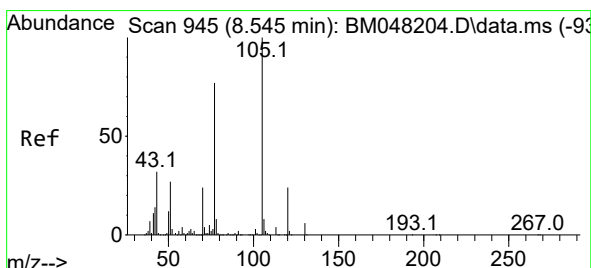
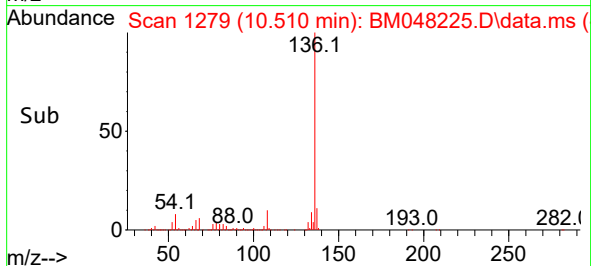
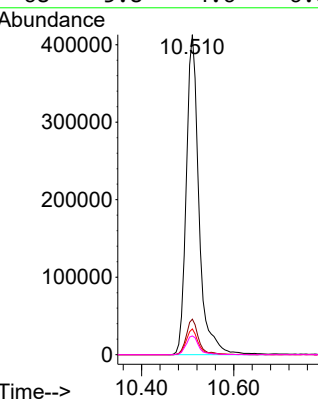
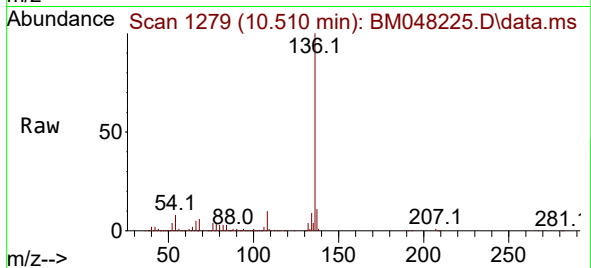
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 6.5 9.7

68 5.8 4.6 6.8



#22

Acetophenone

Concen: 0.003 ng

RT: 8.545 min Scan# 945

Delta R.T. 0.000 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Tgt Ion:105 Resp: 60

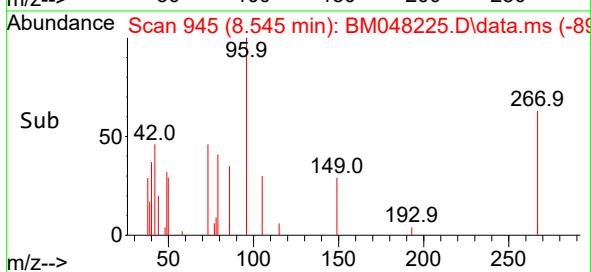
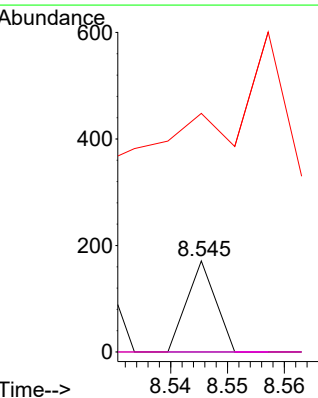
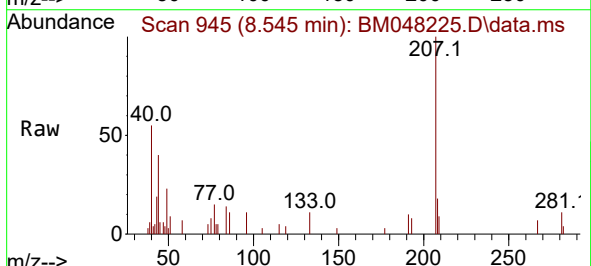
Ion Ratio Lower Upper

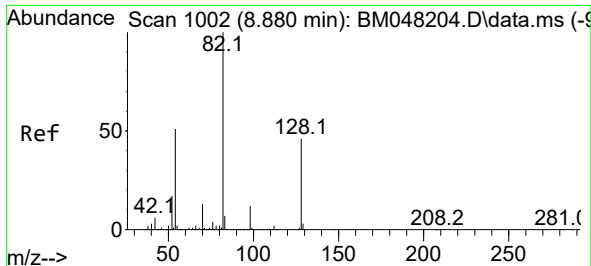
105 100

71 0.0 3.4 5.0#

51 262.0 21.7 32.5#

120 0.0 19.0 28.4#

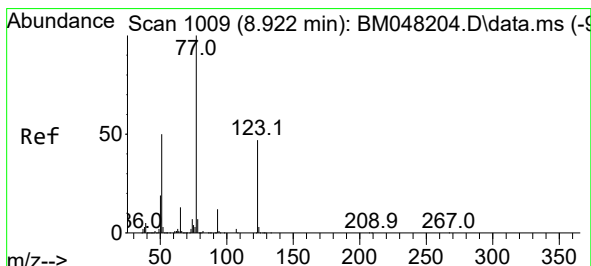
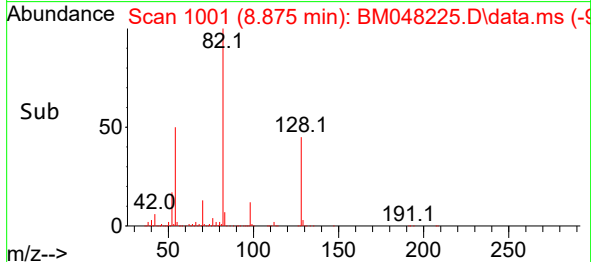
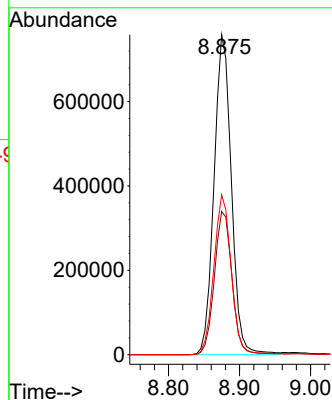
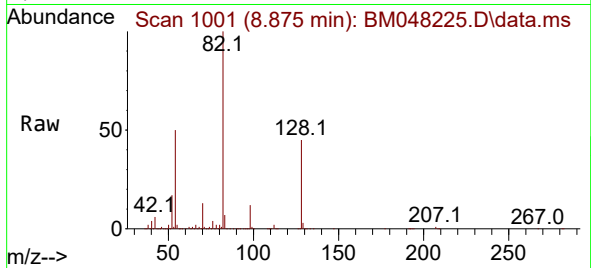




#23
Nitrobenzene-d5
Concen: 91.993 ng
RT: 8.875 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

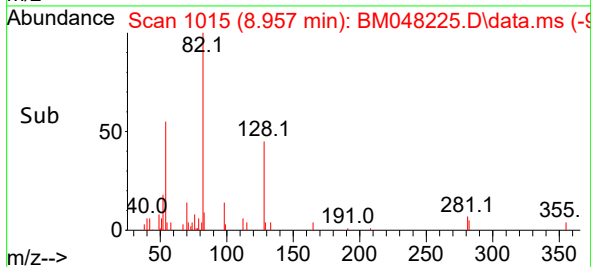
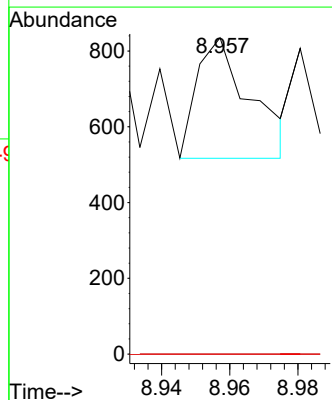
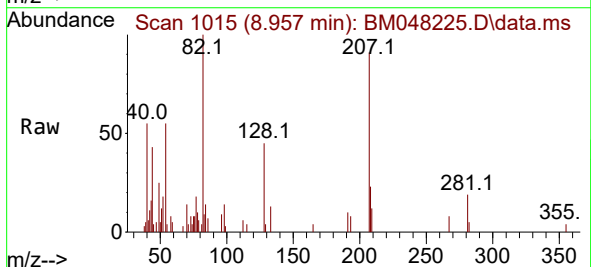
Instrument :
BNA_M
ClientSampleId :
PB164366BL

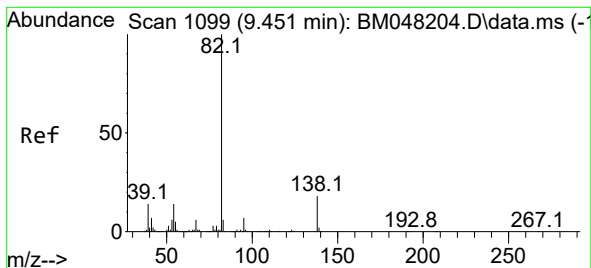
Tgt Ion: 82 Resp: 1285890
Ion Ratio Lower Upper
82 100
128 44.8 36.6 54.8
54 50.0 41.0 61.4



#24
Nitrobenzene
Concen: 0.024 ng
RT: 8.957 min Scan# 1015
Delta R.T. 0.035 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion: 77 Resp: 346
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.6#
65 0.0 10.4 15.6#





#25

Isophorone

Concen: 0.013 ng

RT: 9.451 min Scan# 1099

Delta R.T. 0.000 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

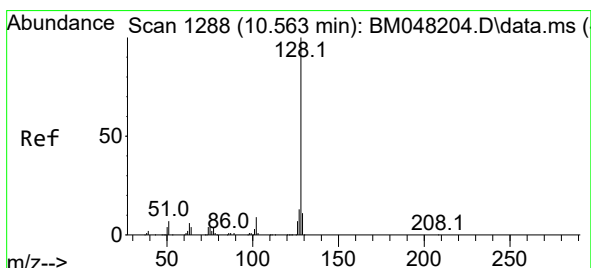
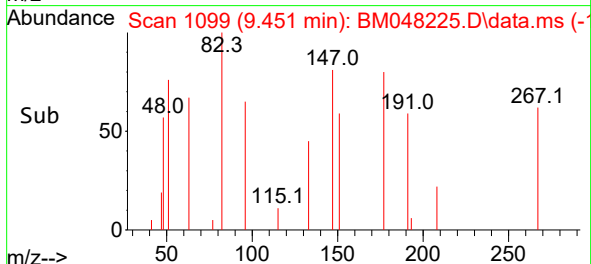
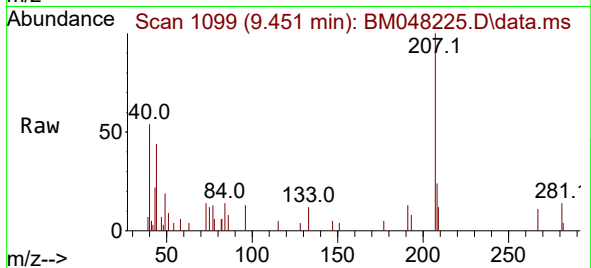
Tgt Ion: 82 Resp: 321

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 14.3 21.5#



#31

Naphthalene

Concen: 0.002 ng

RT: 10.592 min Scan# 1293

Delta R.T. 0.030 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

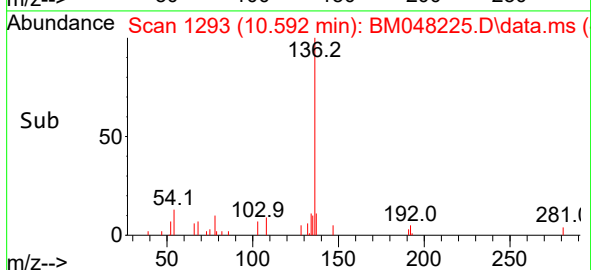
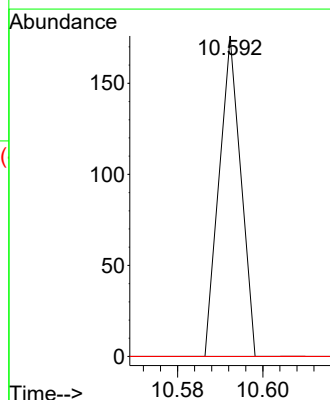
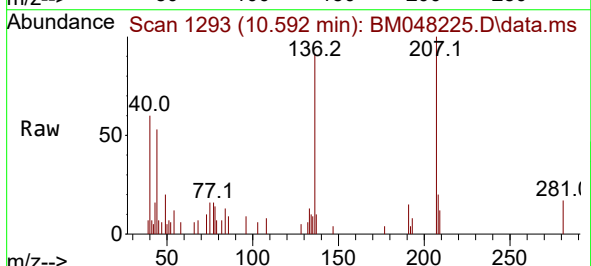
Tgt Ion: 128 Resp: 62

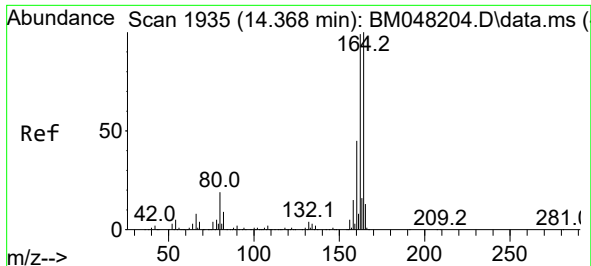
Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

127 0.0 10.2 15.2#

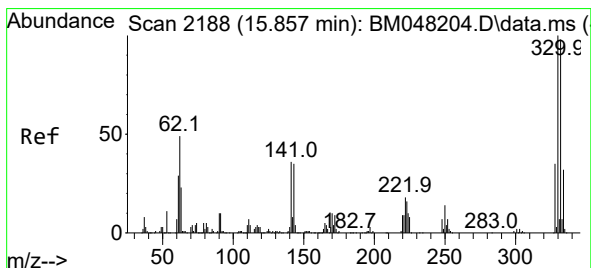
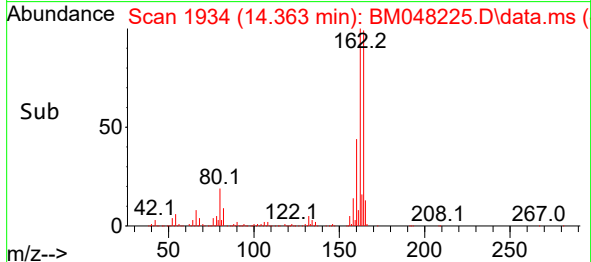
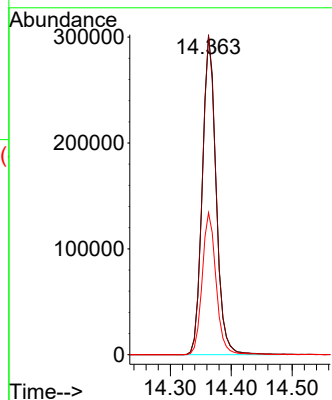
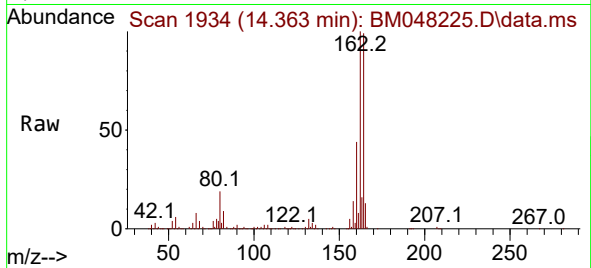




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

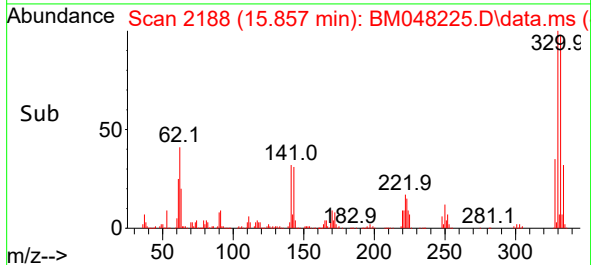
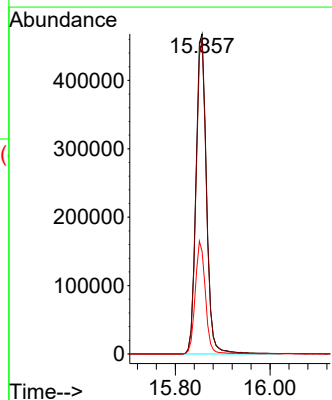
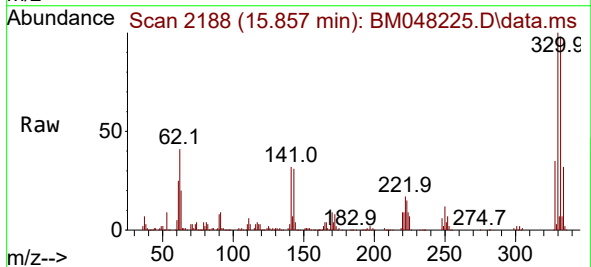
Instrument :
BNA_M
ClientSampleId :
PB164366BL

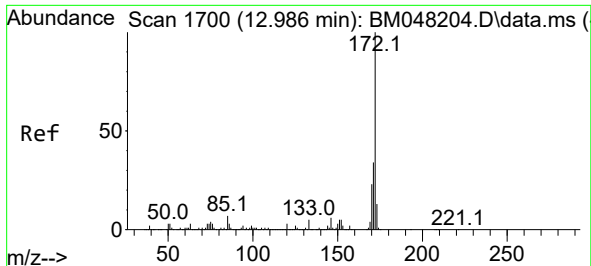
Tgt Ion:164 Resp: 473893
Ion Ratio Lower Upper
164 100
162 100.5 79.1 118.7
160 44.6 35.8 53.8



#42
2,4,6-Tribromophenol
Concen: 124.822 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion:330 Resp: 724027
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 34.2 27.5 41.3

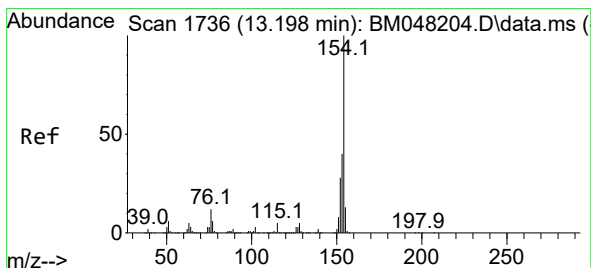
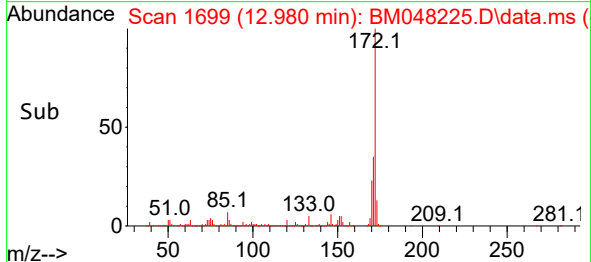
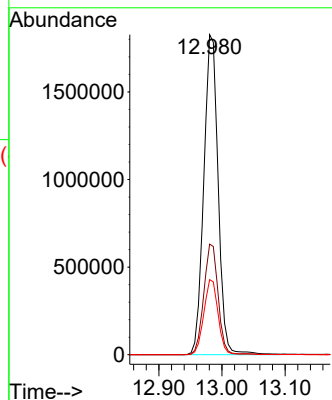
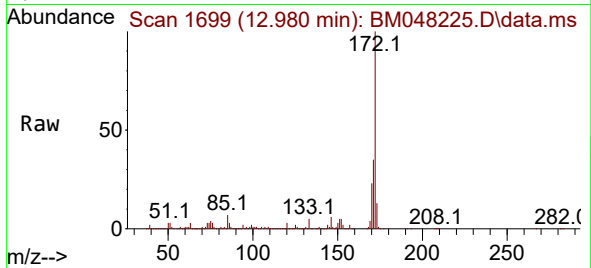




#45
2-Fluorobiphenyl
Concen: 93.583 ng
RT: 12.980 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

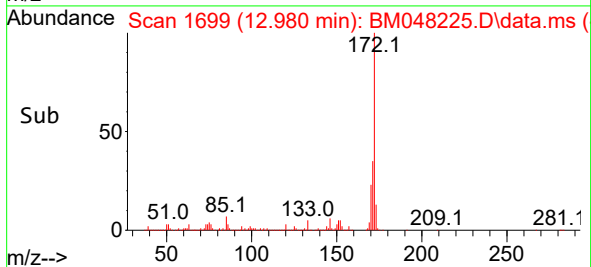
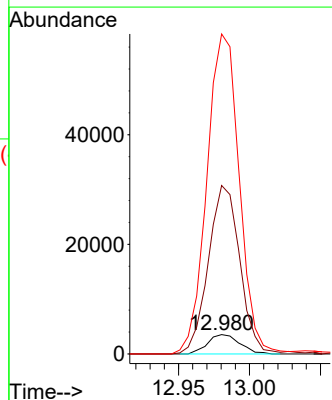
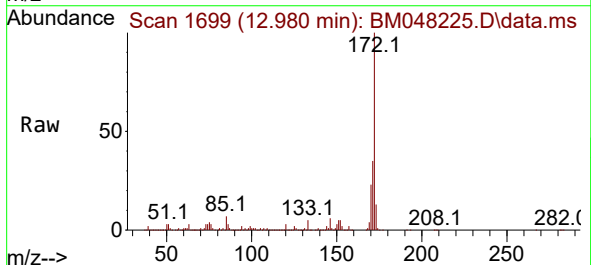
Instrument :
BNA_M
ClientSampleId :
PB164366BL

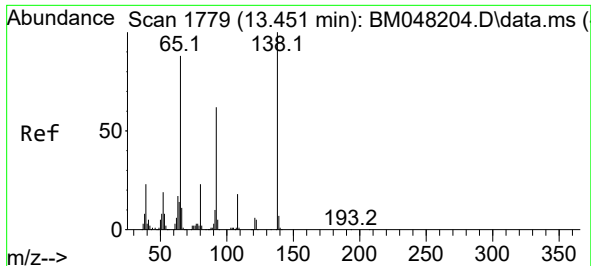
Tgt Ion:172 Resp: 2890105
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 23.4 18.5 27.7



#46
1,1'-Biphenyl
Concen: 0.165 ng
RT: 12.980 min Scan# 1699
Delta R.T. -0.217 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion:154 Resp: 5581
Ion Ratio Lower Upper
154 100
153 871.4 19.9 59.9#
76 1654.4 0.0 32.4#

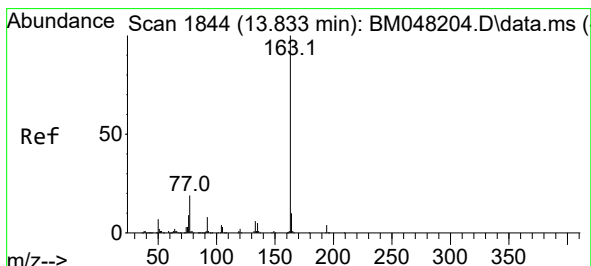
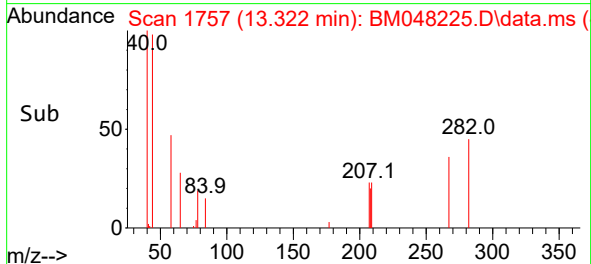
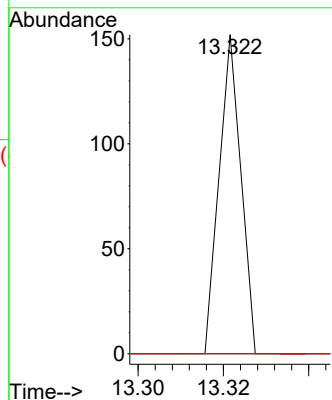
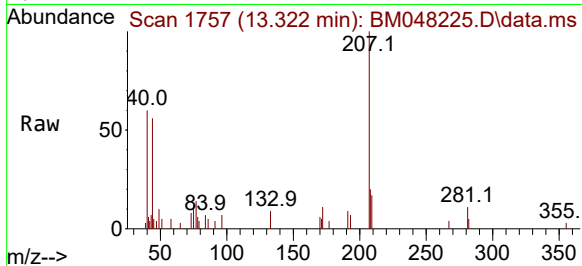




#48
2-Nitroaniline
Concen: 0.007 ng
RT: 13.322 min Scan# 11
Delta R.T. -0.129 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

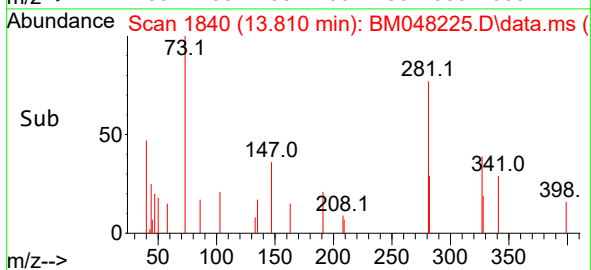
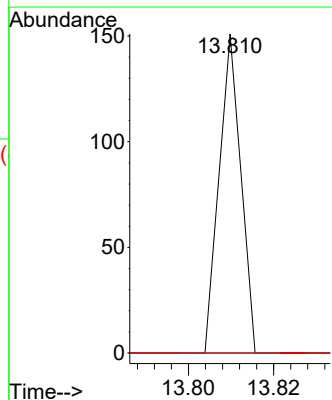
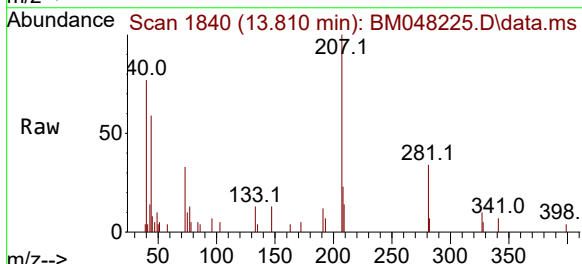
Instrument :
BNA_M
ClientSampleId :
PB164366BL

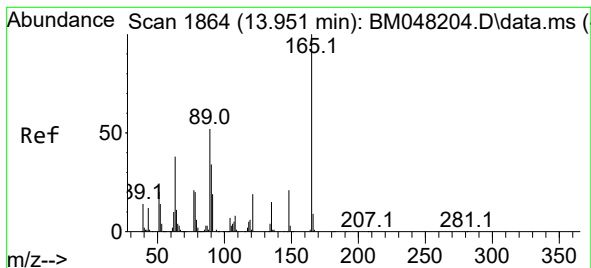
Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 56.0 84.0#
138 0.0 90.8 136.2#



#50
Dimethylphthalate
Concen: 0.002 ng
RT: 13.810 min Scan# 1840
Delta R.T. -0.023 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion: 163 Resp: 53
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 0.0 7.8 11.6#





#51

2,6-Dinitrotoluene

Concen: 0.007 ng

RT: 13.874 min Scan# 1

Delta R.T. -0.076 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

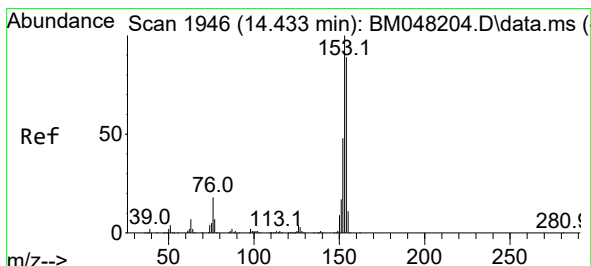
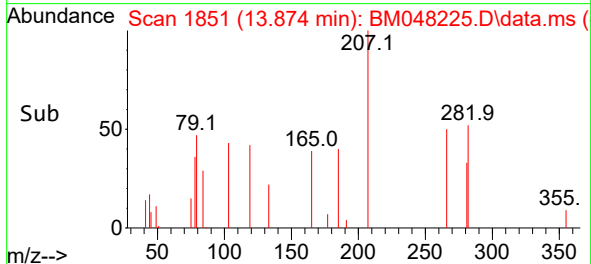
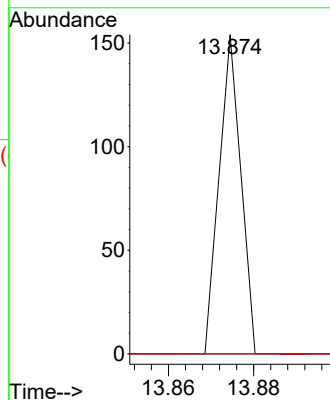
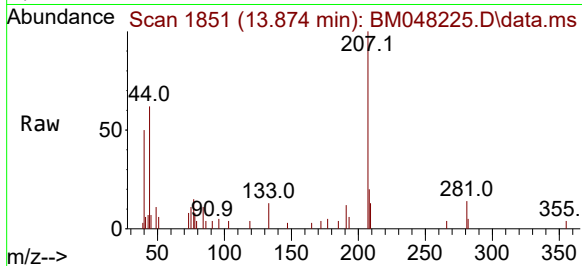
Tgt Ion:165 Resp: 54

Ion Ratio Lower Upper

165 100

63 0.0 39.5 59.3#

89 0.0 41.8 62.6#



#52

Acenaphthene

Concen: 0.065 ng

RT: 14.363 min Scan# 1934

Delta R.T. -0.070 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

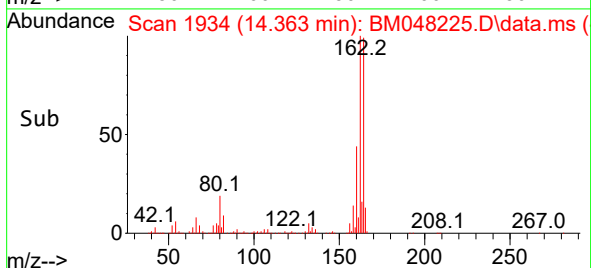
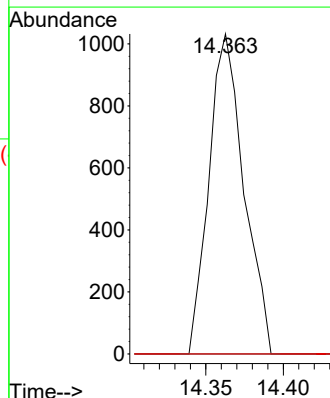
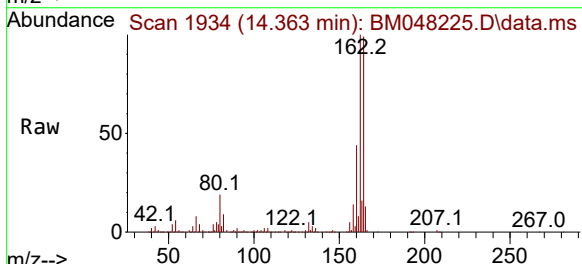
Tgt Ion:154 Resp: 1617

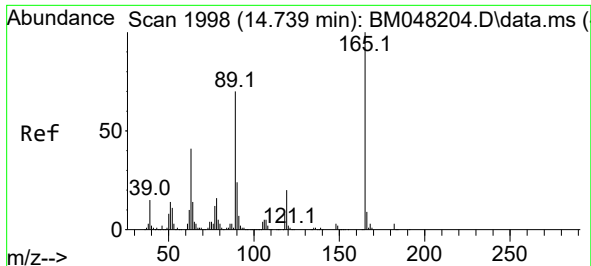
Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

152 0.0 43.6 65.4#





#57

2,4-Dinitrotoluene

Concen: 0.012 ng

RT: 14.716 min Scan# 1994

Delta R.T. -0.023 min

Lab File: BM048225.D

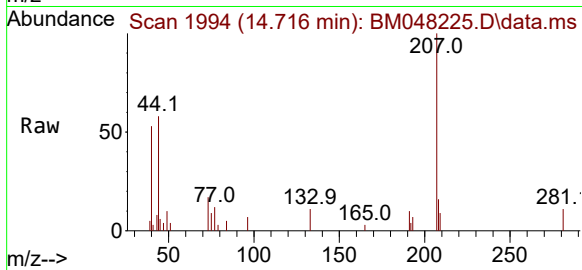
Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL



Tgt Ion:165 Resp: 118

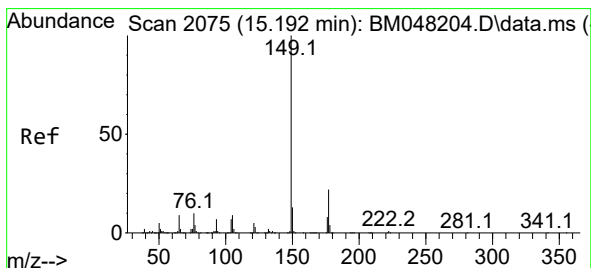
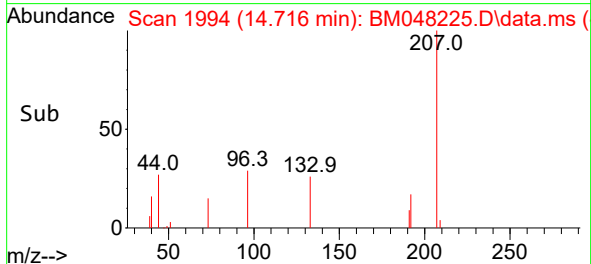
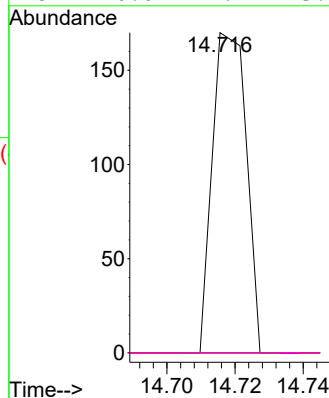
Ion Ratio Lower Upper

165 100

63 0.0 33.0 49.4#

89 0.0 55.8 83.6#

182 0.0 2.1 3.1#



#60

Diethylphthalate

Concen: 0.002 ng

RT: 15.192 min Scan# 2075

Delta R.T. 0.000 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

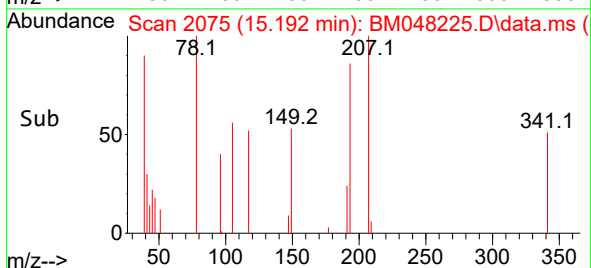
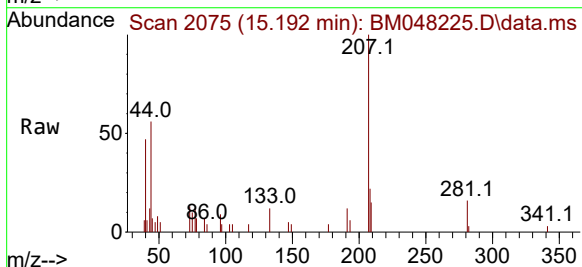
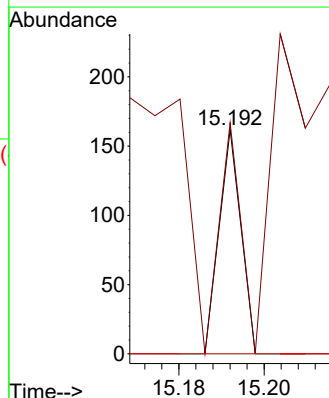
Tgt Ion:149 Resp: 57

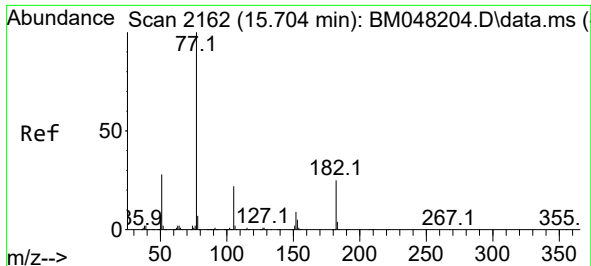
Ion Ratio Lower Upper

149 100

177 103.1 17.5 26.3#

150 0.0 10.1 15.1#

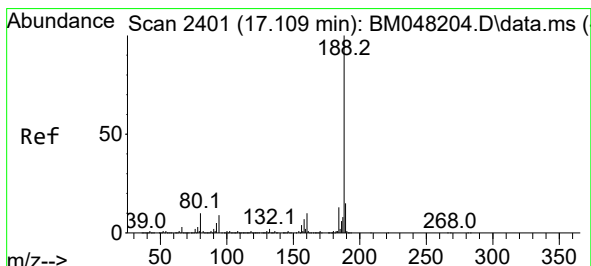
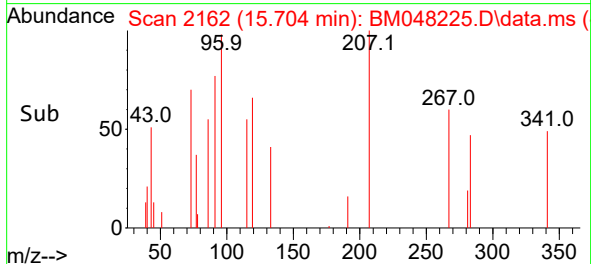
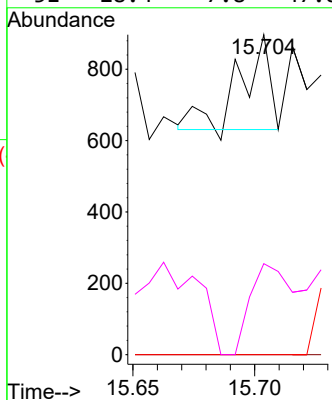
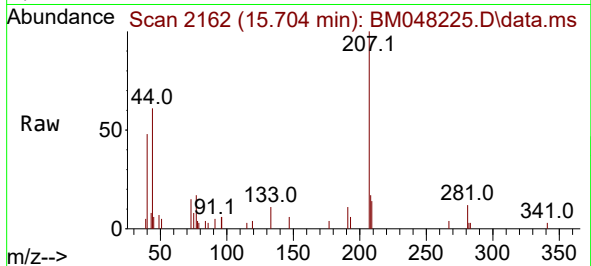




#63
Azobenzene
Concen: 0.008 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

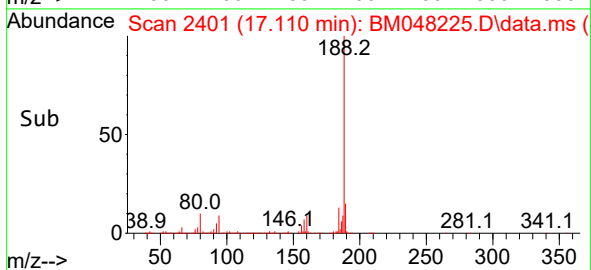
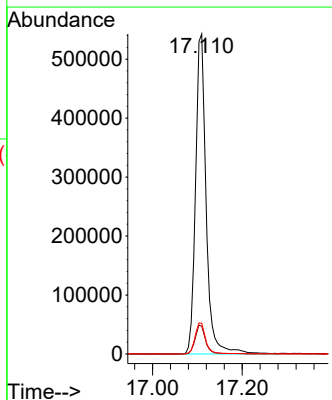
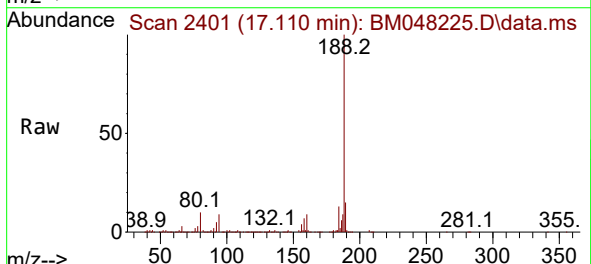
Instrument :
BNA_M
ClientSampleId :
PB164366BL

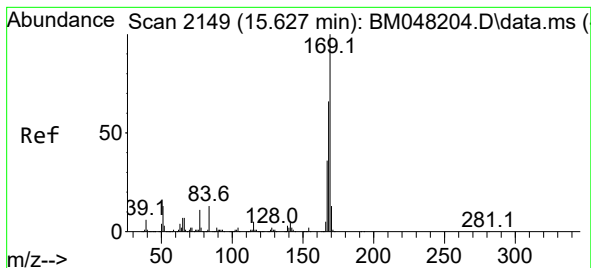
Tgt Ion: 77 Resp: 223
Ion Ratio Lower Upper
77 100
182 0.0 5.3 45.3#
105 0.0 1.6 41.6#
51 28.4 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.110 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion:188 Resp: 888629
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 9.6 8.0 12.0

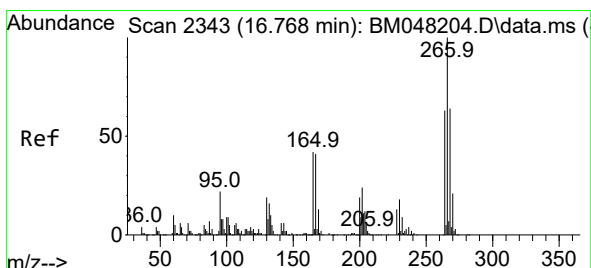
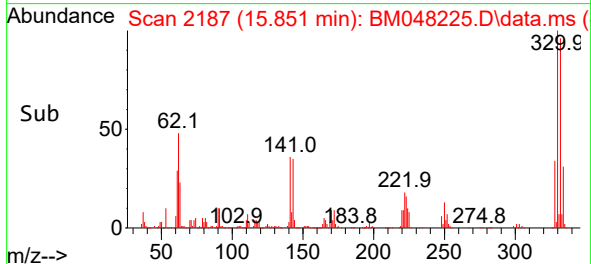
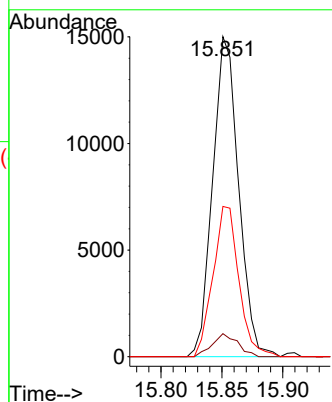
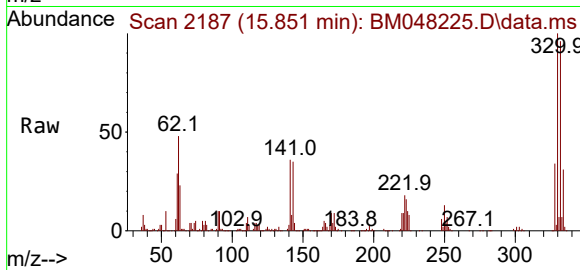




#66
n-Nitrosodiphenylamine
Concen: 0.912 ng
RT: 15.851 min Scan# 2149
Delta R.T. 0.224 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

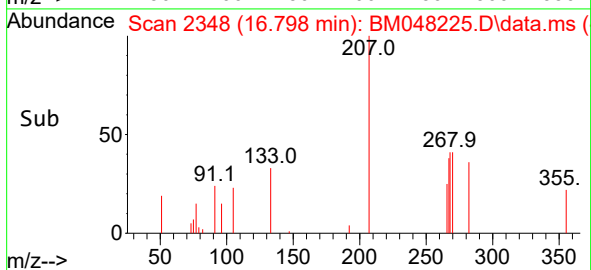
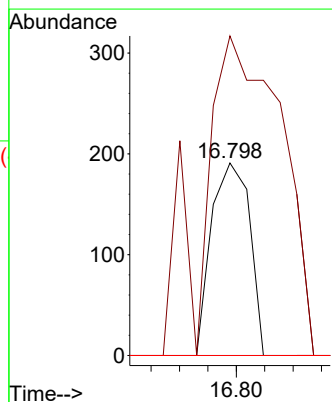
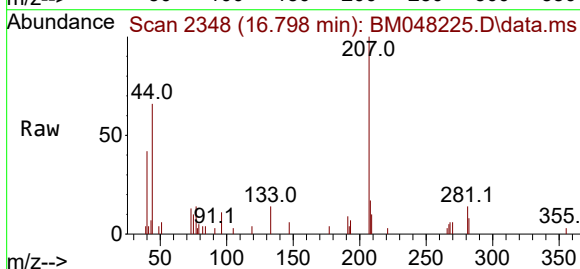
Instrument :
BNA_M
ClientSampleId :
PB164366BL

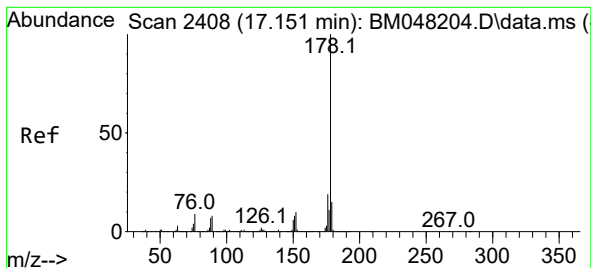
Tgt Ion:169 Resp: 22244
Ion Ratio Lower Upper
169 100
168 7.2 52.9 79.3#
167 47.0 29.3 43.9#



#70
Pentachlorophenol
Concen: 0.025 ng
RT: 16.798 min Scan# 2348
Delta R.T. 0.030 min
Lab File: BM048225.D
Acq: 24 Oct 2024 20:26

Tgt Ion:266 Resp: 179
Ion Ratio Lower Upper
266 100
268 166.0 50.8 76.2#
264 0.0 50.2 75.2#





#71

Phenanthrene

Concen: 0.003 ng

RT: 17.151 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

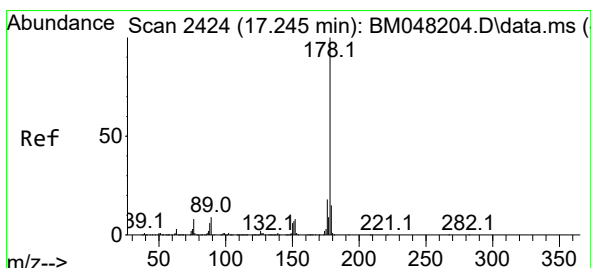
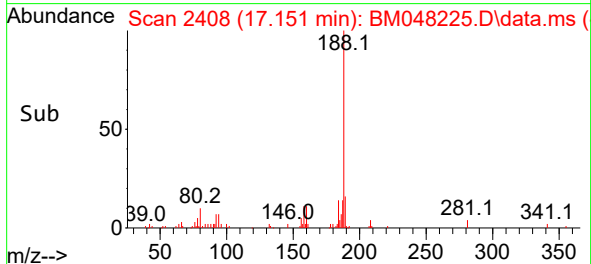
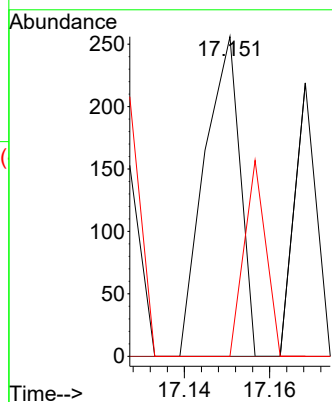
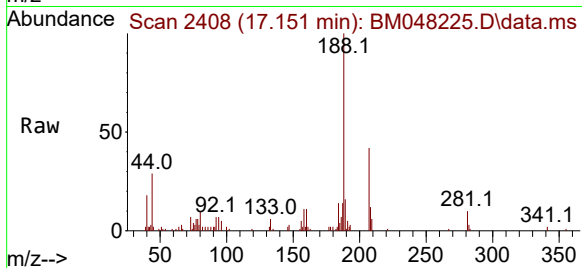
Tgt Ion:178 Resp: 149

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

179 0.0 12.4 18.6#



#72

Anthracene

Concen: 0.001 ng

RT: 17.227 min Scan# 2421

Delta R.T. -0.017 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

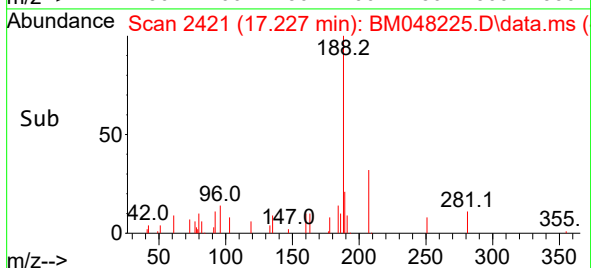
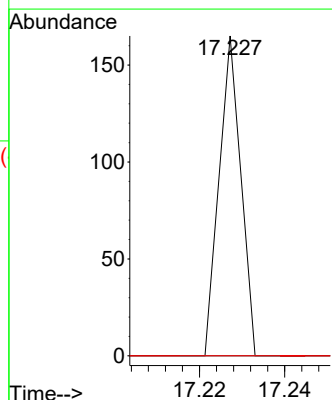
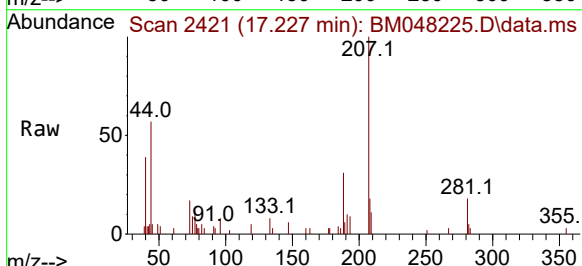
Tgt Ion:178 Resp: 58

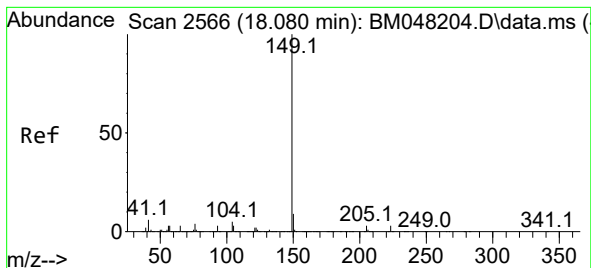
Ion Ratio Lower Upper

178 100

176 0.0 14.8 22.2#

179 0.0 12.2 18.2#





#74

Di-n-butylphthalate

Concen: 0.018 ng

RT: 18.092 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

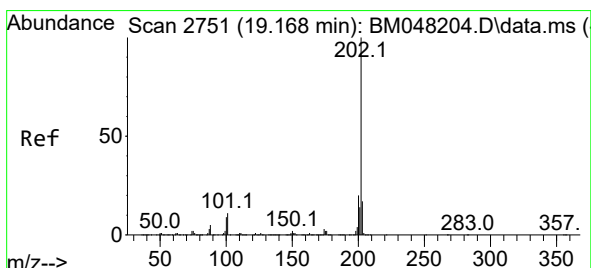
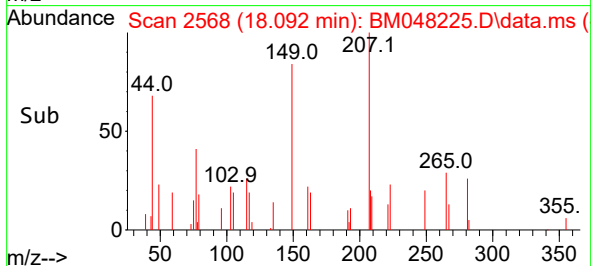
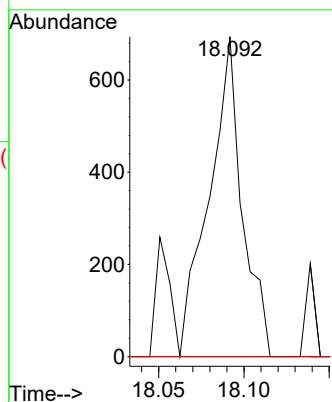
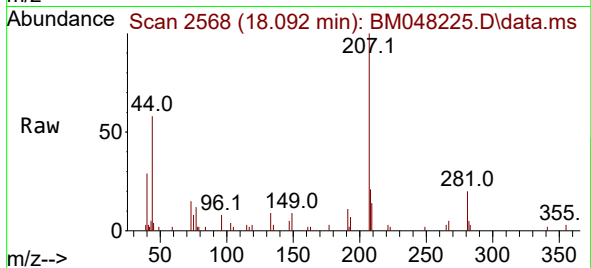
Tgt Ion:149 Resp: 938

Ion Ratio Lower Upper

149 100

150 0.0 7.2 10.8#

104 0.0 3.8 5.6#



#75

Fluoranthene

Concen: 0.001 ng

RT: 19.174 min Scan# 2752

Delta R.T. 0.006 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

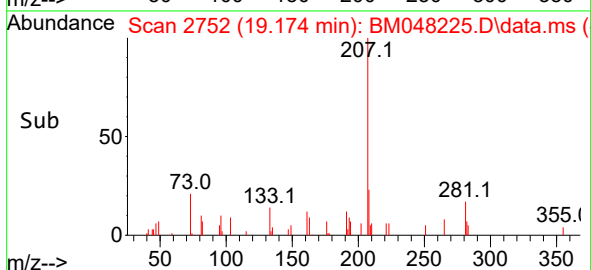
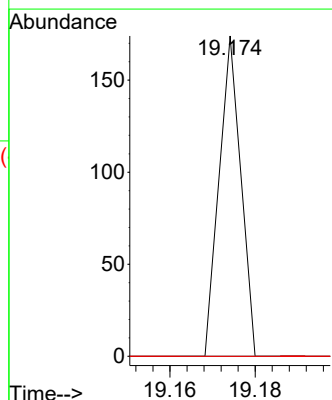
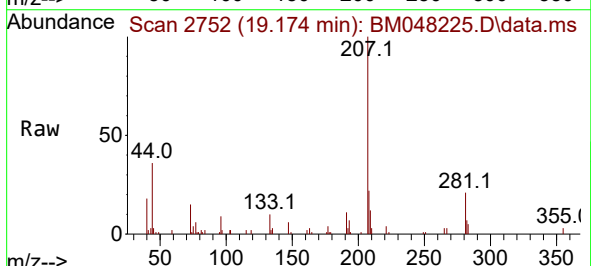
Tgt Ion:202 Resp: 61

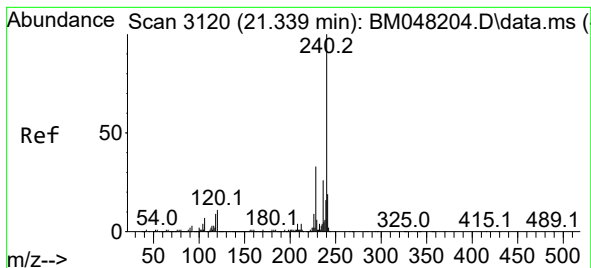
Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.0

203 0.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

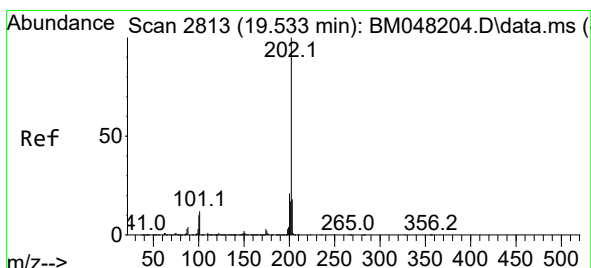
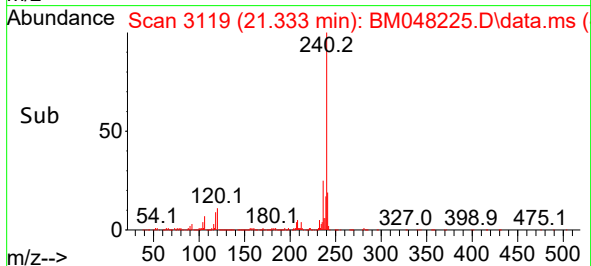
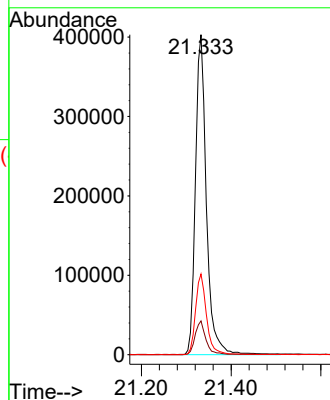
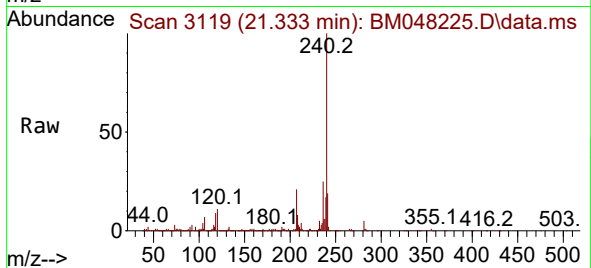
Tgt Ion:240 Resp: 683470

Ion Ratio Lower Upper

240 100

120 10.6 8.6 13.0

236 25.2 20.7 31.1



#78

Pyrene

Concen: 0.228 ng

RT: 19.727 min Scan# 2846

Delta R.T. 0.194 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

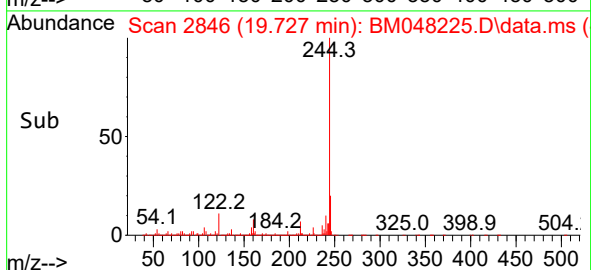
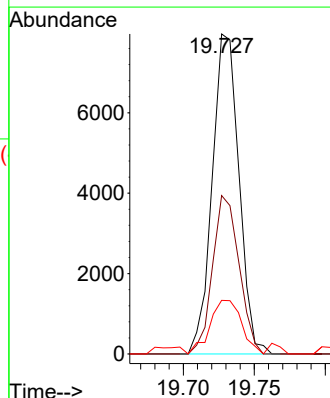
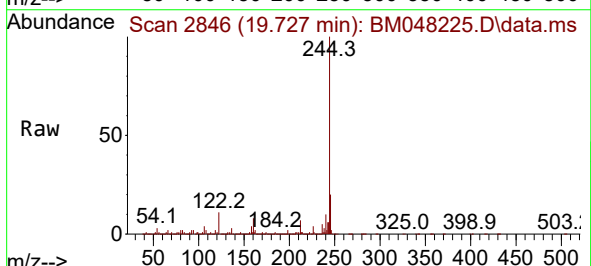
Tgt Ion:202 Resp: 10421

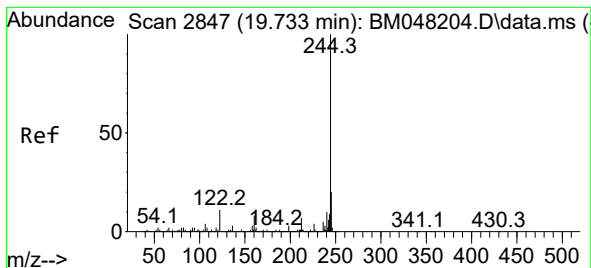
Ion Ratio Lower Upper

202 100

200 49.5 16.9 25.3#

203 16.7 14.1 21.1





#79

Terphenyl-d14

Concen: 102.715 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

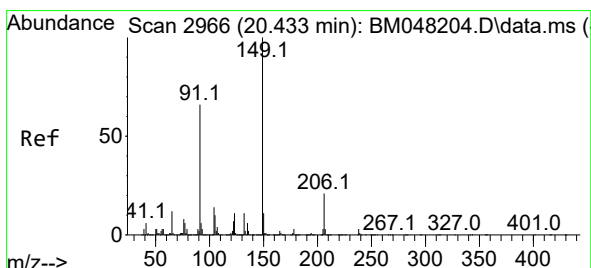
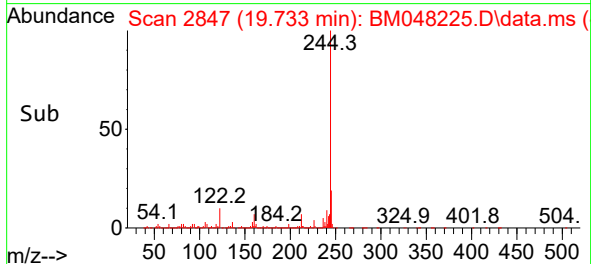
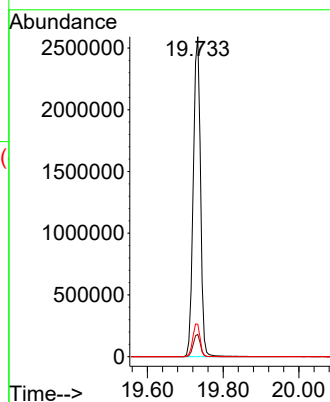
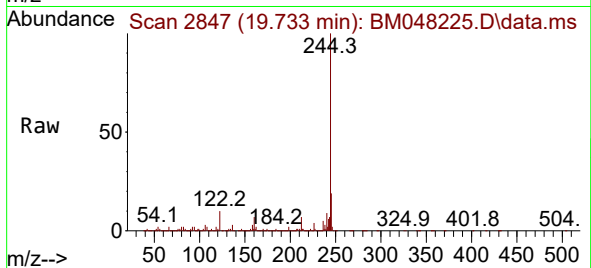
Tgt Ion:244 Resp: 3440075

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 0.013 ng

RT: 20.439 min Scan# 2967

Delta R.T. 0.006 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

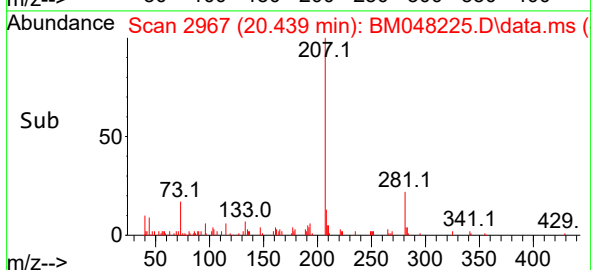
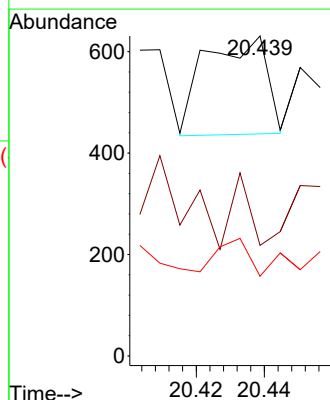
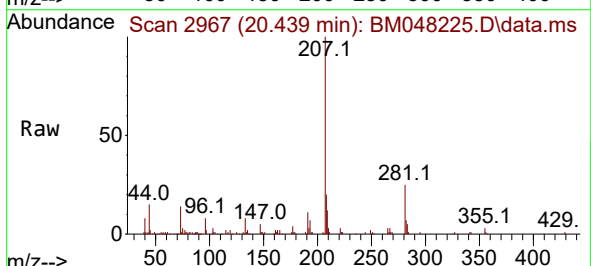
Tgt Ion:149 Resp: 240

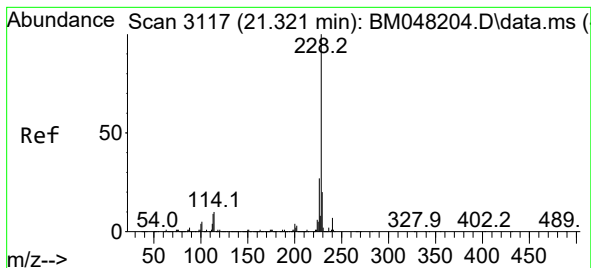
Ion Ratio Lower Upper

149 100

91 34.5 52.5 78.7#

206 24.9 17.0 25.6





#81

Benzo(a)anthracene

Concen: 0.045 ng

RT: 21.327 min Scan# 3117

Delta R.T. 0.006 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

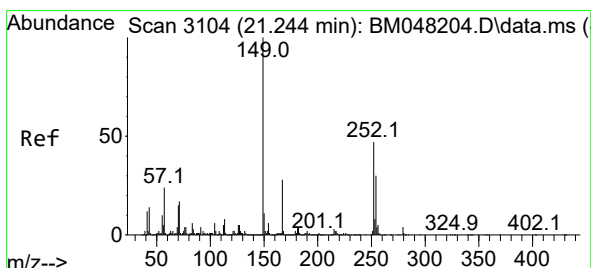
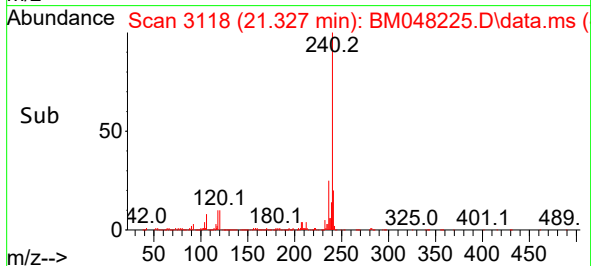
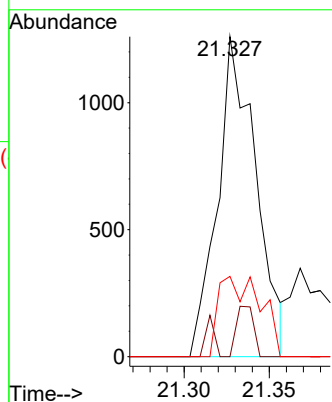
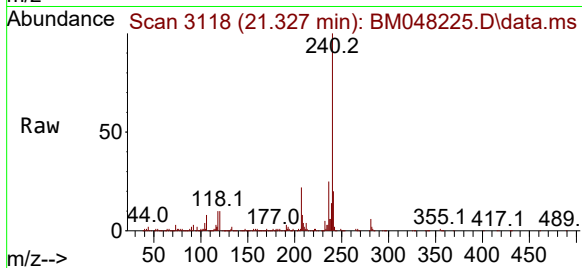
Tgt Ion:228 Resp: 1971

Ion Ratio Lower Upper

228 100

226 0.0 21.5 32.3#

229 25.1 15.7 23.5#



#82

3,3'-Dichlorobenzidine

Concen: 0.025 ng

RT: 21.233 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

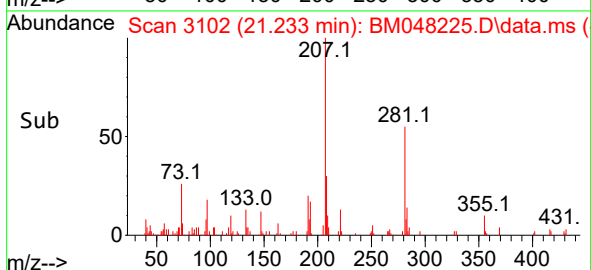
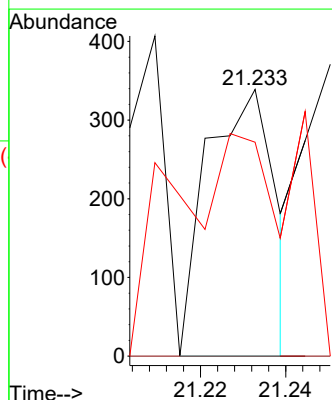
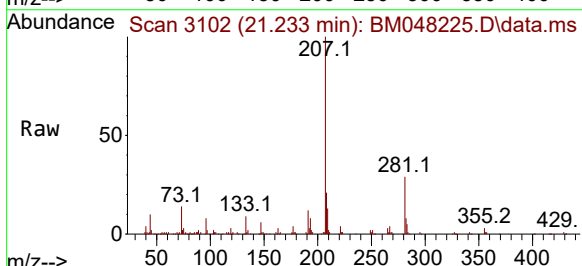
Tgt Ion:252 Resp: 380

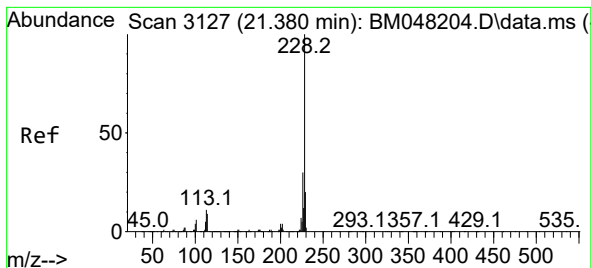
Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

126 80.2 8.8 13.2#





#83

Chrysene

Concen: 0.013 ng

RT: 21.368 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

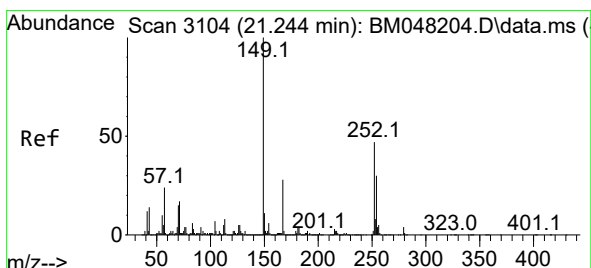
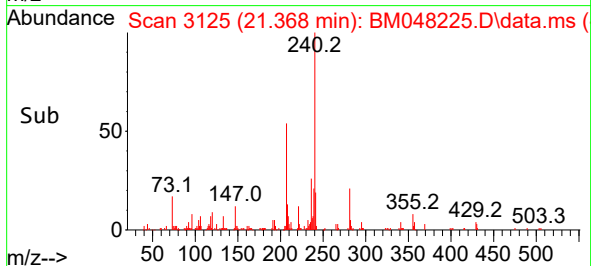
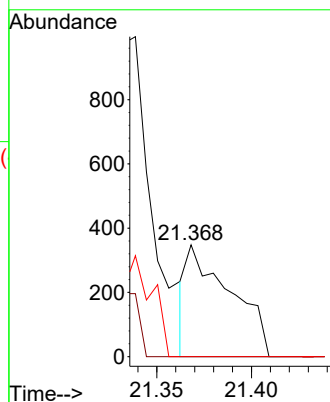
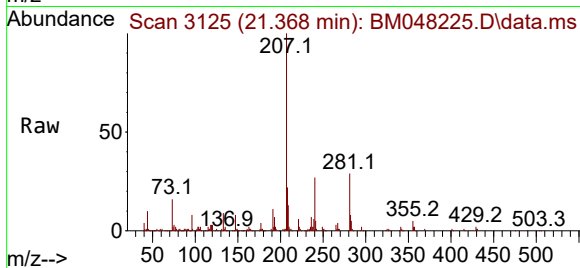
Tgt Ion:228 Resp: 560

Ion Ratio Lower Upper

228 100

226 0.0 23.5 35.3#

229 0.0 15.7 23.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.032 ng

RT: 21.268 min Scan# 3108

Delta R.T. 0.024 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

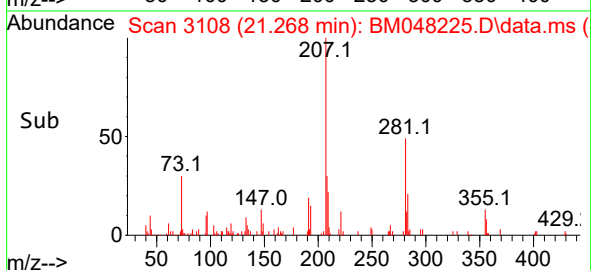
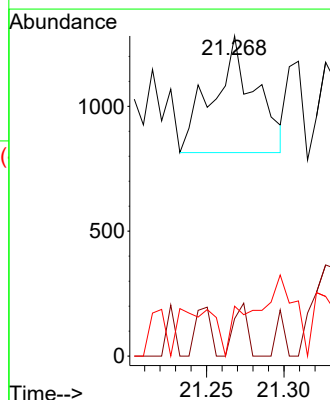
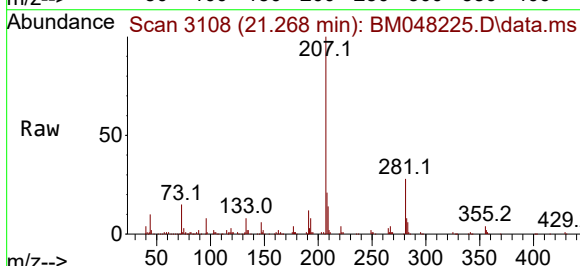
Tgt Ion:149 Resp: 883

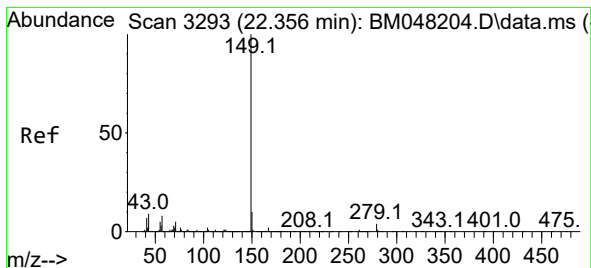
Ion Ratio Lower Upper

149 100

167 11.7 22.5 33.7#

279 15.6 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 0.008 ng

RT: 22.344 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

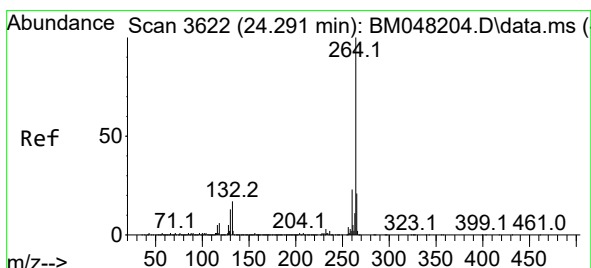
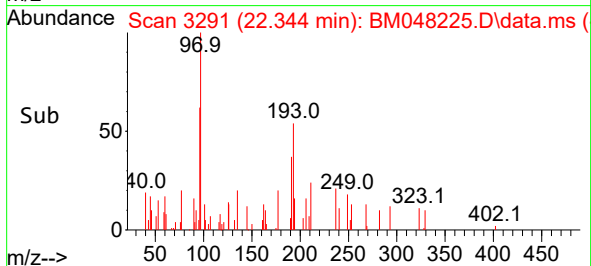
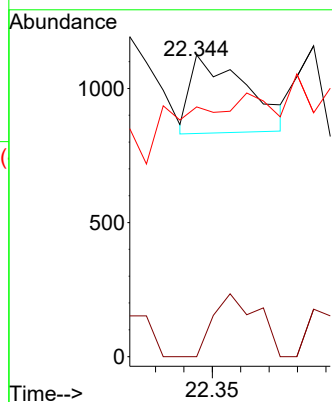
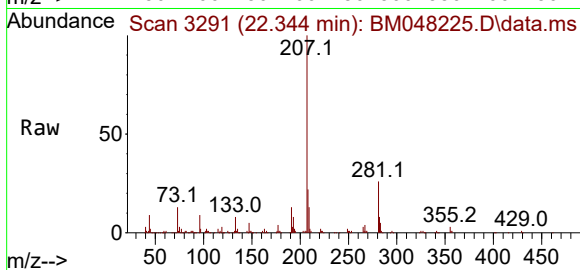
Tgt Ion:149 Resp: 395

Ion Ratio Lower Upper

149 100

167 64.8 1.2 1.8#

43 173.4 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.286 min Scan# 3621

Delta R.T. -0.006 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

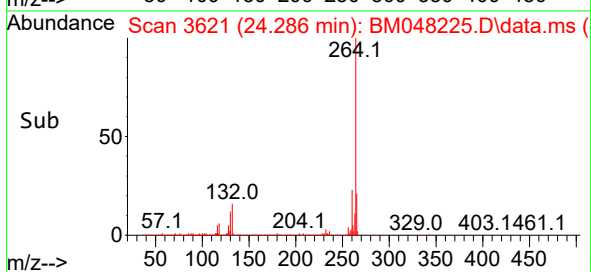
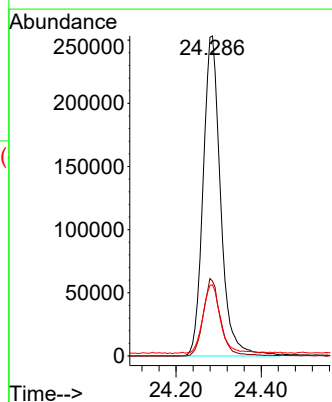
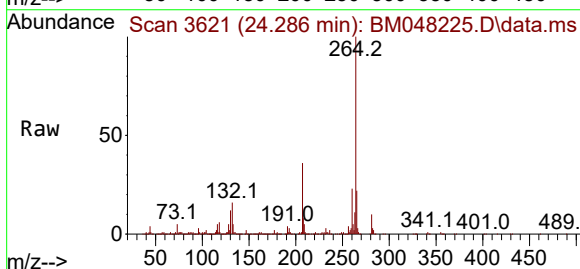
Tgt Ion:264 Resp: 722400

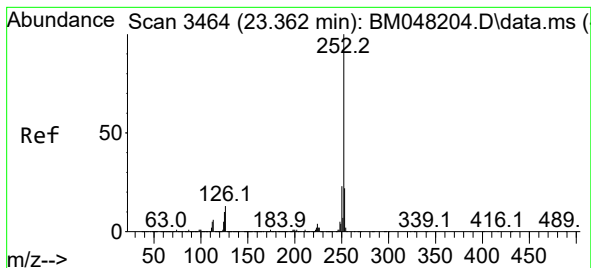
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.3 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 0.001 ng

RT: 23.362 min Scan# 3464

Delta R.T. 0.000 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL

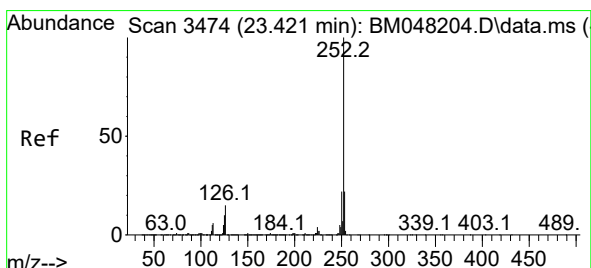
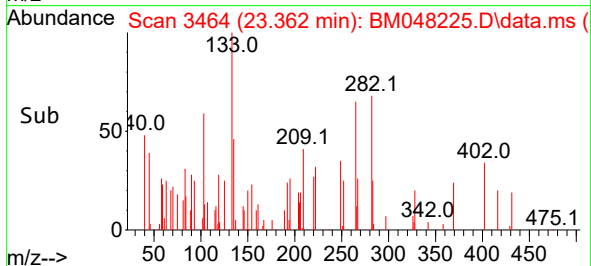
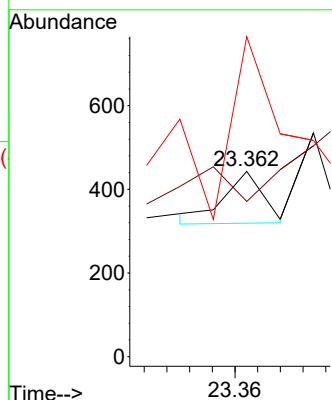
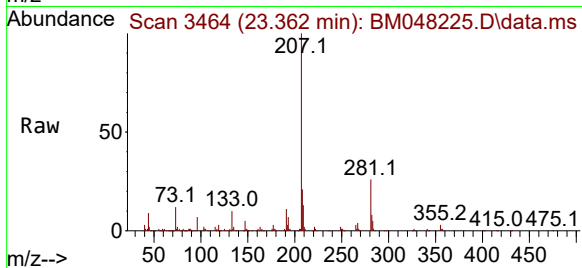
Tgt Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 83.7 17.8 26.6#

125 172.7 7.9 11.9#



#89

Benzo(k)fluoranthene

Concen: 0.008 ng

RT: 23.433 min Scan# 3476

Delta R.T. 0.012 min

Lab File: BM048225.D

Acq: 24 Oct 2024 20:26

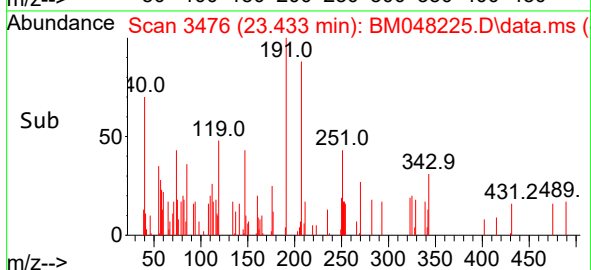
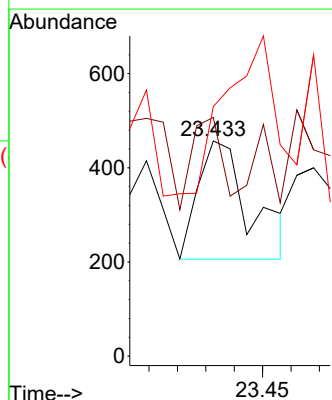
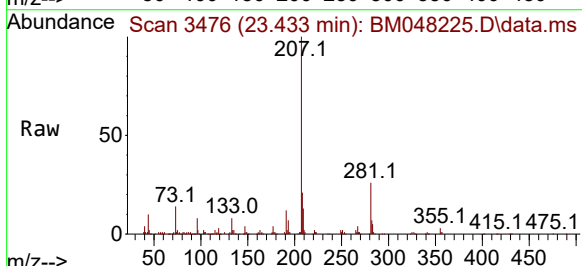
Tgt Ion:252 Resp: 315

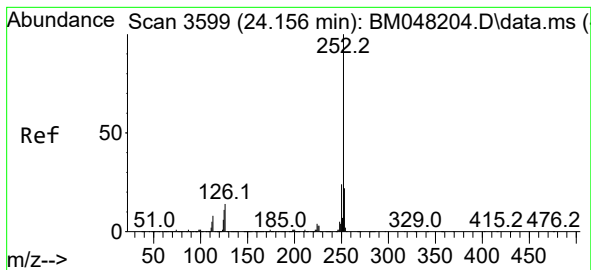
Ion Ratio Lower Upper

252 100

253 110.9 17.8 26.8#

125 116.0 7.8 11.6#





#90

Benzo(a)pyrene

Concen: 0.006 ng

RT: 24.150 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM048225.D

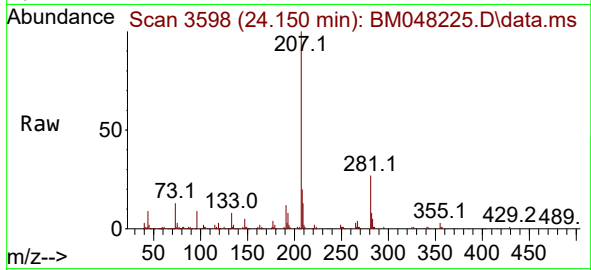
Acq: 24 Oct 2024 20:26

Instrument :

BNA_M

ClientSampleId :

PB164366BL



Tgt Ion:252 Resp: 202

Ion Ratio Lower Upper

252 100

253 90.2 17.3 25.9#

125 130.7 8.8 13.2#

