

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
 Data File : BM047599.D
 Acq On : 23 Sep 2024 10:24
 Operator : RC/JU
 Sample : PB163525BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163525BL

Quant Time: Sep 23 11:24:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 21 02:22:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	362092	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1395561	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	664243	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1141773	20.000	ng	0.00
76) Chrysene-d12	21.433	240	723811	20.000	ng	0.00
86) Perylene-d12	24.456	264	696704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3056941	129.376	ng	0.00
7) Phenol-d6	7.004	99	3801412	122.100	ng	0.00
23) Nitrobenzene-d5	8.992	82	2302766	82.141	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	659636	107.246	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	4164930	88.721	ng	0.00
79) Terphenyl-d14	19.821	244	4451374	110.346	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	544	0.053	ng	# 70
3) Pyridine	3.716	79	140	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.634	42	515	0.044	ng	# 1
6) Aniline	7.169	93	161	0.006	ng	# 34
8) 2-Chlorophenol	7.416	128	148	0.006	ng	# 34
9) Benzaldehyde	7.004	77	7535	0.474	ng	# 4
10) Phenol	7.034	94	141	0.005	ng	# 1
11) bis(2-Chloroethyl)ether	7.245	93	77	0.003	ng	# 19
15) Benzyl Alcohol	8.057	79	560	0.028	ng	# 35
16) 2,2'-oxybis(1-Chloropr...	8.363	45	296	0.009	ng	# 1
17) 2-Methylphenol	8.081	107	54	0.003	ng	# 1
18) Hexachloroethane	8.704	117	133	0.012	ng	# 5
19) n-Nitroso-di-n-propyla...	8.598	70	69	0.004	ng	# 1
20) 3+4-Methylphenols	8.745	107	60	0.002	ng	# 1
22) Acetophenone	8.622	105	79	0.002	ng	# 1
24) Nitrobenzene	9.045	77	277	0.010	ng	# 41
25) Isophorone	9.569	82	326	0.007	ng	# 68
28) bis(2-Chloroethoxy)met...	10.057	93	57	0.002	ng	# 49
31) Naphthalene	10.692	128	77	0.001	ng	# 69
36) 4-Chloro-3-methylphenol	11.798	107	54	0.003	ng	# 19
46) 1,1'-Biphenyl	13.098	154	8011	0.156	ng	# 1
48) 2-Nitroaniline	13.427	65	77	0.006	ng	# 8
51) 2,6-Dinitrotoluene	13.768	165	65	0.007	ng	# 16
52) Acenaphthene	14.474	154	2214	0.058	ng	# 3
63) Azobenzene	15.804	77	330	0.006	ng	# 10
66) n-Nitrosodiphenylamine	15.951	169	29939	0.878	ng	# 44
71) Phenanthrene	17.215	178	586	0.009	ng	# 2
72) Anthracene	17.215	178	586	0.010	ng	# 1
74) Di-n-butylphthalate	18.186	149	527	0.007	ng	# 78
75) Fluoranthene	19.468	202	129	0.002	ng	# 64
77) Benzidine	19.433	184	59	0.006	ng	# 68
78) Pyrene	19.821	202	15531	0.307	ng	# 64
80) Butylbenzylphthalate	20.509	149	537	0.024	ng	# 80
81) Benzo(a)anthracene	21.433	228	2121	0.045	ng	# 60
82) 3,3'-Dichlorobenzidine	21.327	252	376	0.025	ng	# 26
83) Chrysene	21.474	228	255	0.006	ng	# 49

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
Data File : BM047599.D
Acq On : 23 Sep 2024 10:24
Operator : RC/JU
Sample : PB163525BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163525BL

Quant Time: Sep 23 11:24:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:39 2024
Response via : Initial Calibration

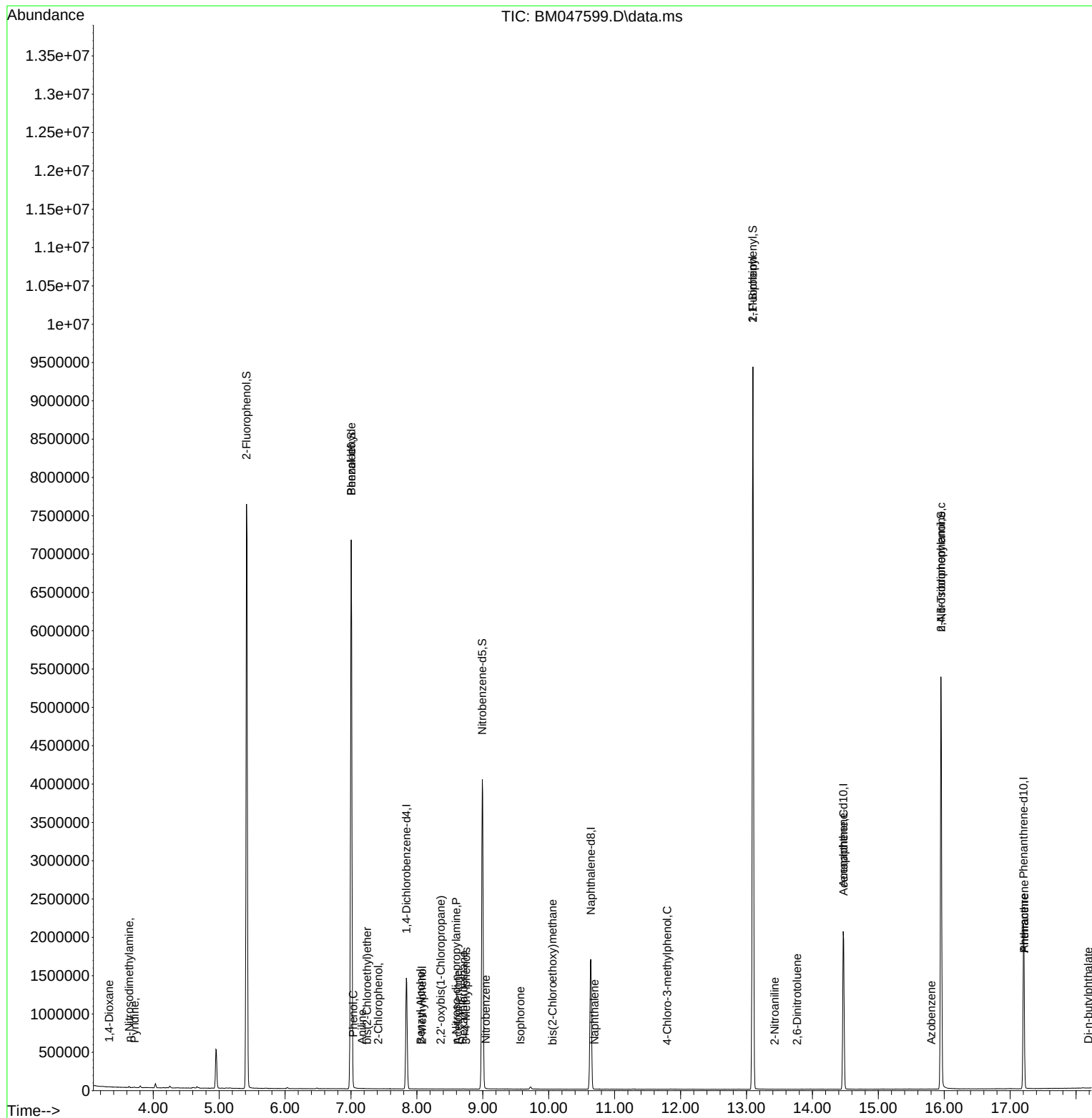
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phtha...	21.339	149	398	0.011	ng	# 88
85) Di-n-octyl phthalate	22.480	149	242	0.004	ng	# 1
87) Indeno(1,2,3-cd)pyrene	27.920	276	83	0.002	ng	# 52
88) Benzo(b)fluoranthene	23.515	252	452	0.010	ng	# 1
89) Benzo(k)fluoranthene	23.550	252	492	0.011	ng	# 1
90) Benzo(a)pyrene	24.309	252	421	0.011	ng	# 1
91) Dibenzo(a,h)anthracene	27.920	278	66	0.002	ng	# 1
92) Benzo(g,h,i)perylene	28.915	276	109	0.003	ng	# 50

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
Data File : BM047599.D
Acq On : 23 Sep 2024 10:24
Operator : RC/JU
Sample : PB163525BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163525BL

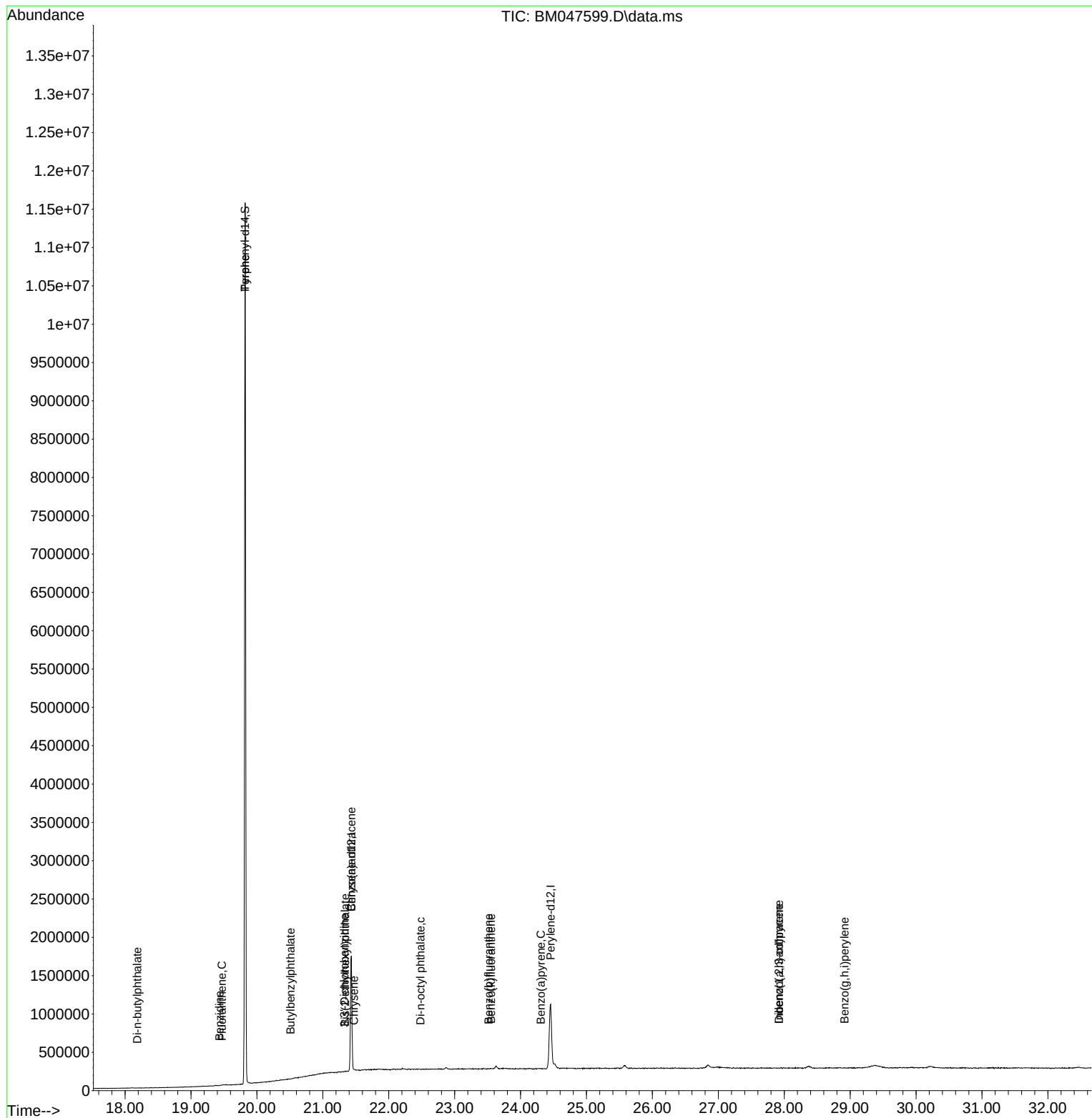
Quant Time: Sep 23 11:24:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:39 2024
Response via : Initial Calibration

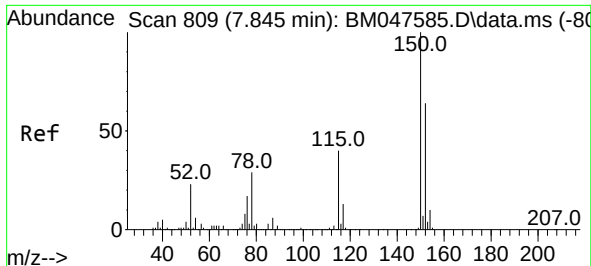


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
Data File : BM047599.D
Acq On : 23 Sep 2024 10:24
Operator : RC/JU
Sample : PB163525BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163525BL

Quant Time: Sep 23 11:24:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:39 2024
Response via : Initial Calibration

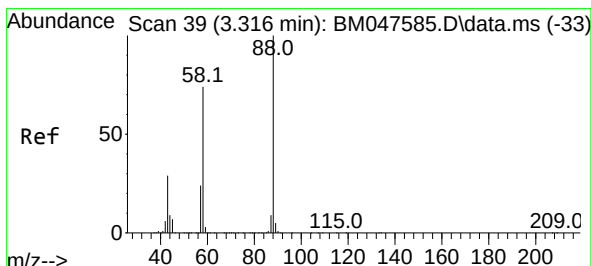
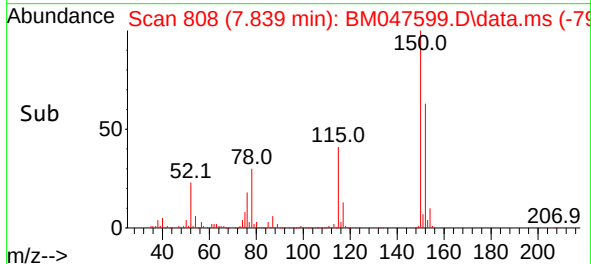
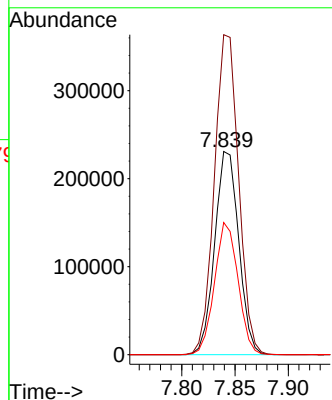
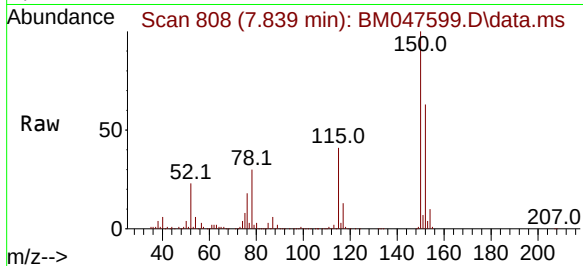




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

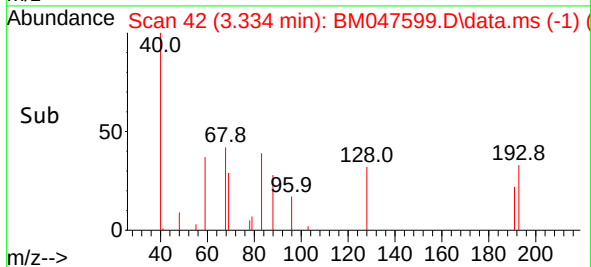
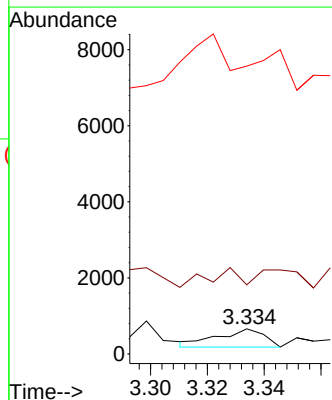
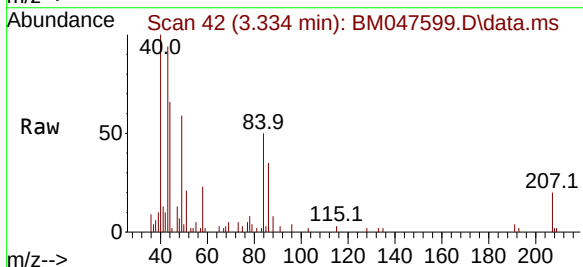
Instrument :
BNA_M
ClientSampleId :
PB163525BL

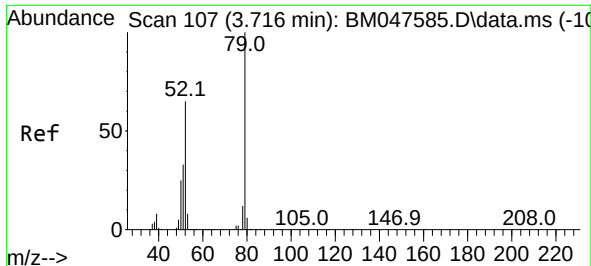
Tgt Ion:152 Resp: 362092
Ion Ratio Lower Upper
152 100
150 157.5 124.5 186.7
115 65.1 49.9 74.9



#2
1,4-Dioxane
Concen: 0.053 ng
RT: 3.334 min Scan# 42
Delta R.T. 0.018 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion: 88 Resp: 544
Ion Ratio Lower Upper
88 100
58 89.7 58.0 87.0#
43 0.0 23.1 34.7#

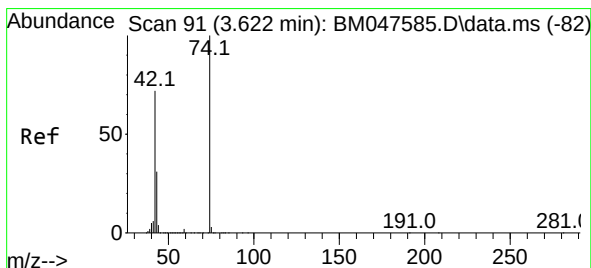
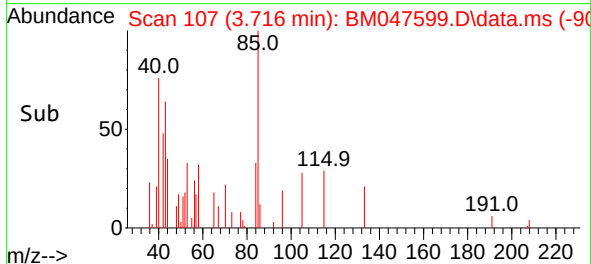
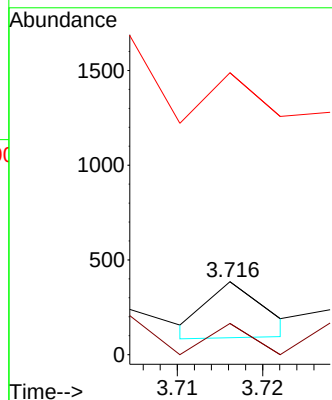
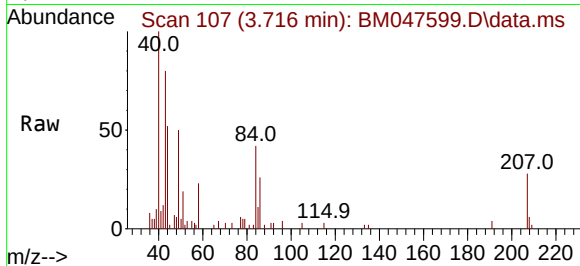




#3
Pyridine
Concen: 0.005 ng
RT: 3.716 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

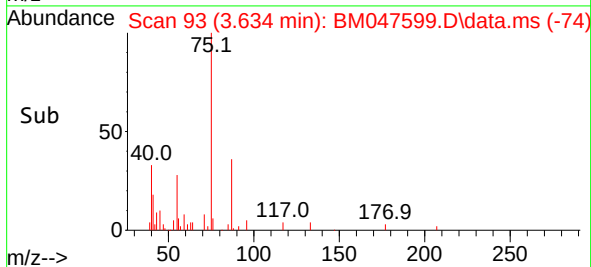
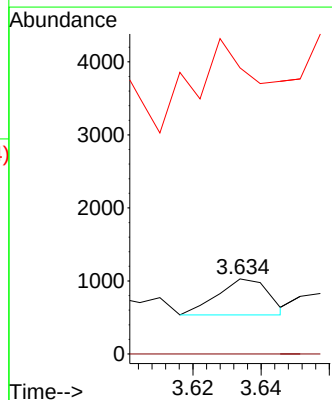
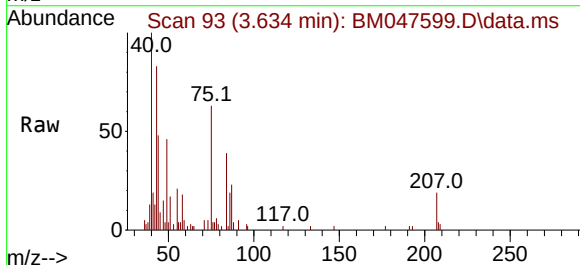
Instrument :
BNA_M
ClientSampleId :
PB163525BL

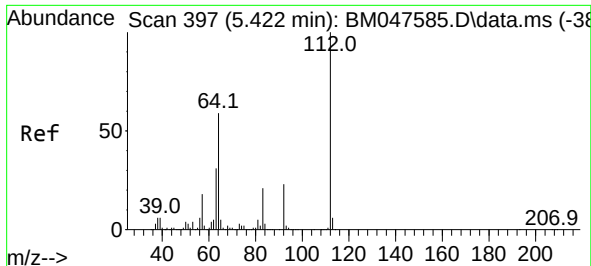
Tgt Ion: 79 Resp: 140
Ion Ratio Lower Upper
79 100
52 42.6 52.2 78.2#
51 386.5 26.5 39.7#



#4
n-Nitrosodimethylamine
Concen: 0.044 ng
RT: 3.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion: 42 Resp: 515
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 381.0 6.1 9.1#

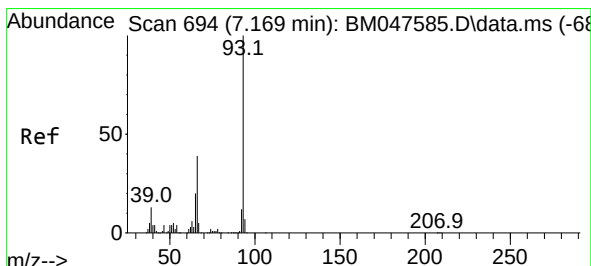
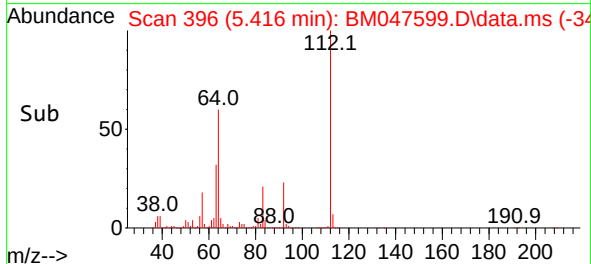
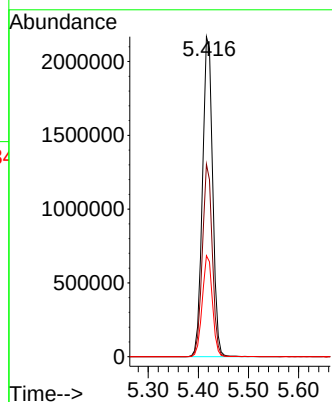
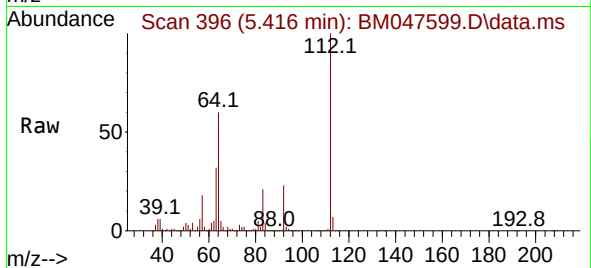




#5
2-Fluorophenol
Concen: 129.376 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

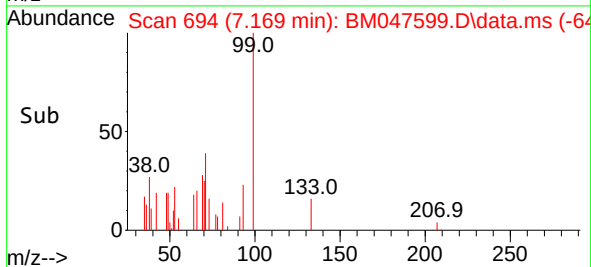
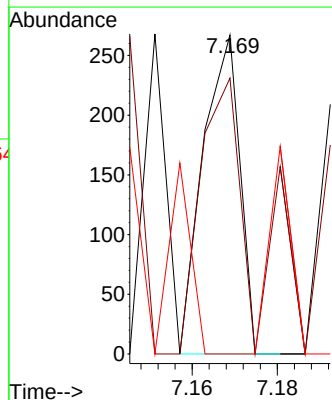
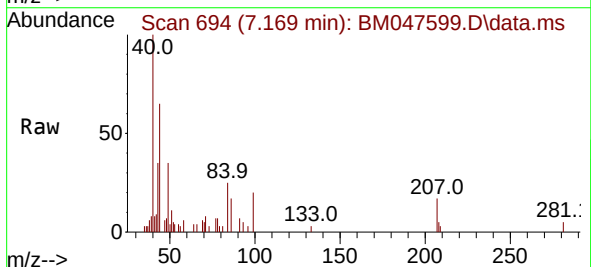
Instrument :
BNA_M
ClientSampleId :
PB163525BL

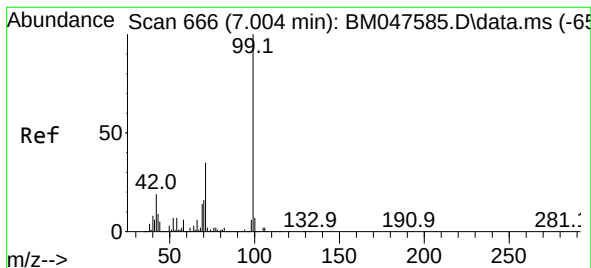
Tgt Ion:112 Resp: 3056941
Ion Ratio Lower Upper
112 100
64 60.1 46.8 70.2
63 31.6 25.2 37.8



#6
Aniline
Concen: 0.006 ng
RT: 7.169 min Scan# 694
Delta R.T. 0.000 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion: 93 Resp: 161
Ion Ratio Lower Upper
93 100
66 86.5 31.4 47.0#
65 0.0 16.2 24.2#





#7

Phenol-d6

Concen: 122.100 ng

RT: 7.004 min Scan# 60

Delta R.T. 0.000 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Instrument :

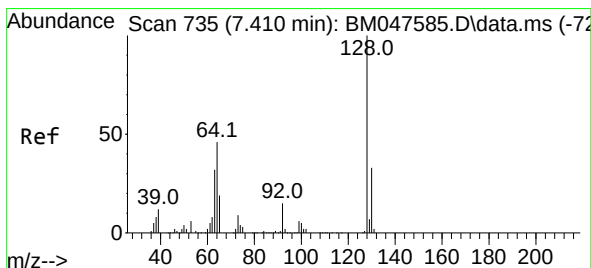
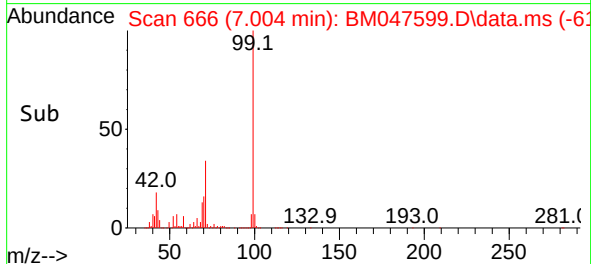
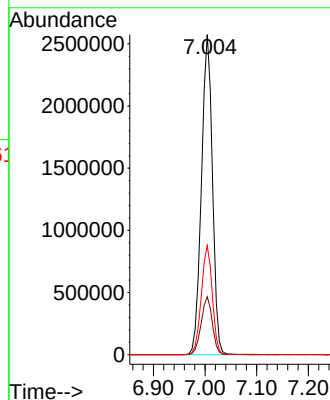
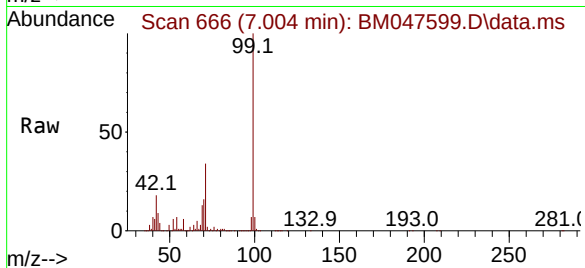
BNA_M

ClientSampleId :

PB163525BL

Tgt Ion: 99 Resp: 3801412

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.3	22.9
71	34.1	27.8	41.6



#8

2-Chlorophenol

Concen: 0.006 ng

RT: 7.416 min Scan# 736

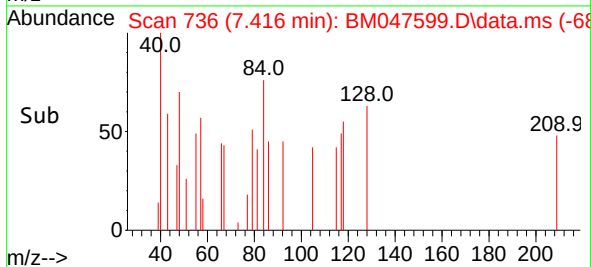
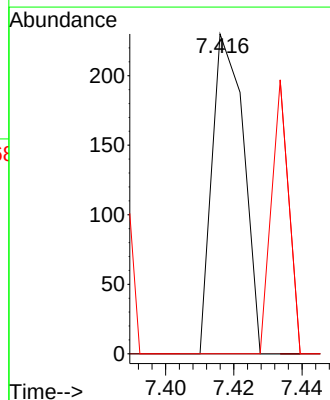
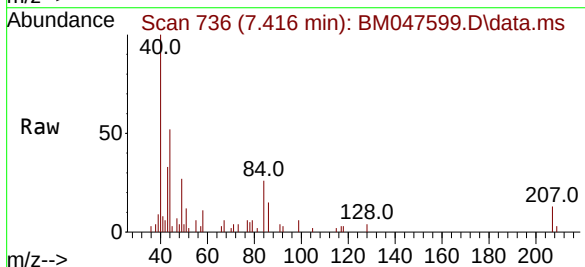
Delta R.T. 0.006 min

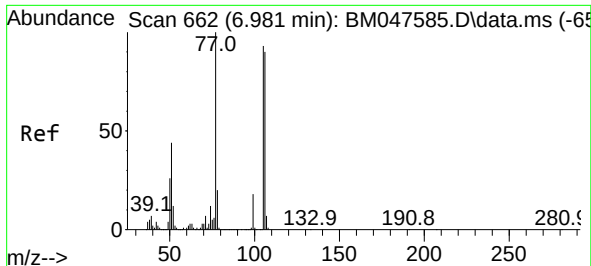
Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Tgt Ion:128 Resp: 148

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.6	52.6#
64	0.0	27.6	67.6#

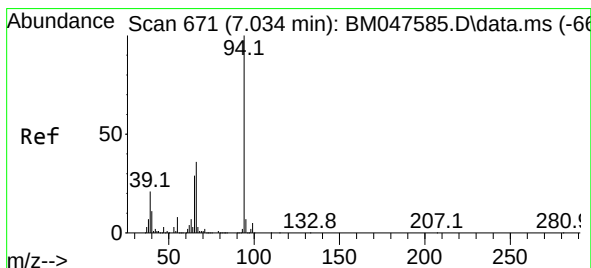
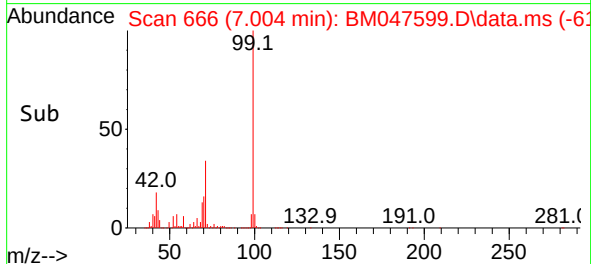
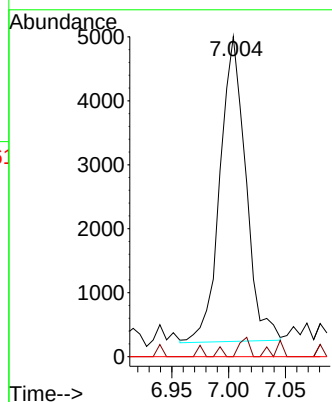
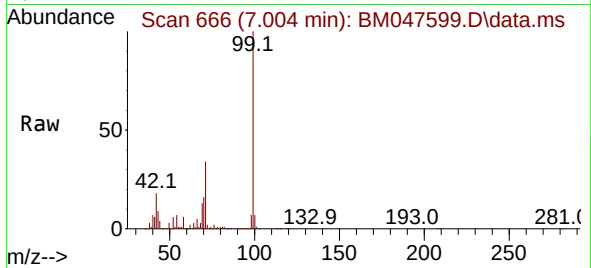




#9
Benzaldehyde
Concen: 0.474 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.023 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

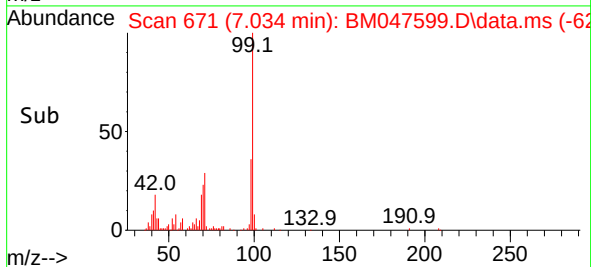
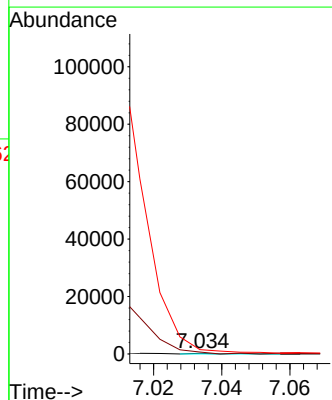
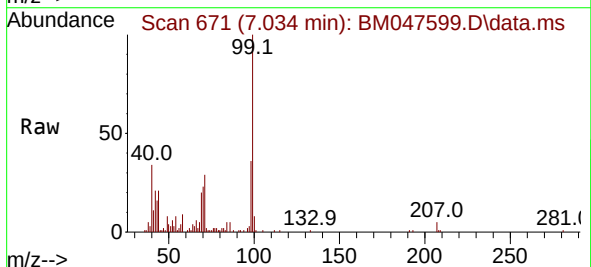
Instrument :
BNA_M
ClientSampleId :
PB163525BL

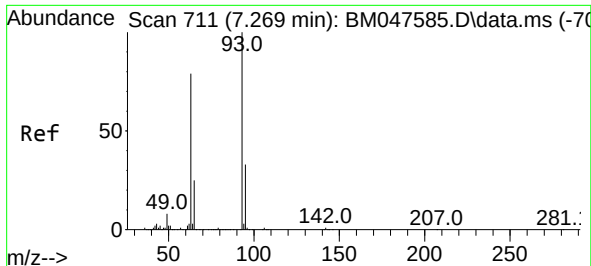
Tgt Ion: 77 Resp: 7535
Ion Ratio Lower Upper
77 100
105 0.0 73.0 113.0#
106 0.0 70.3 110.3#



#10
Phenol
Concen: 0.005 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion: 94 Resp: 141
Ion Ratio Lower Upper
94 100
65 287.9 9.1 49.1#
66 653.9 16.5 56.5#

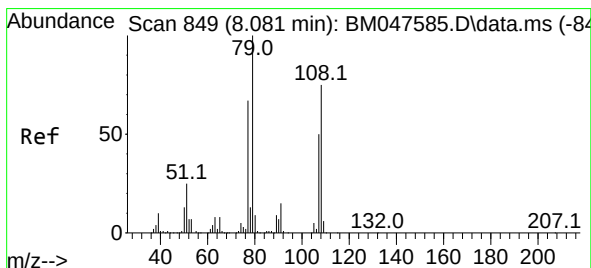
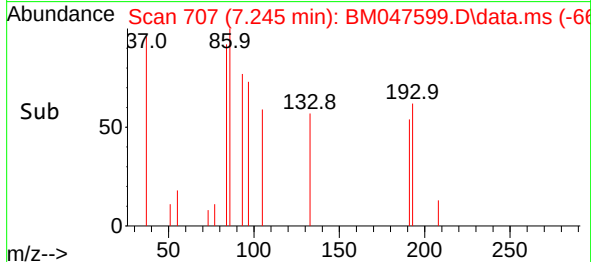
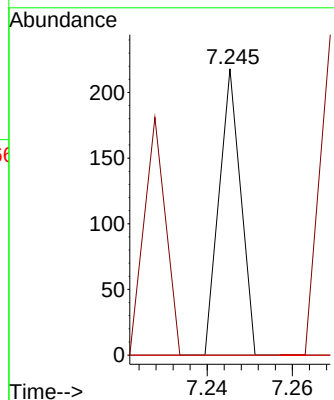
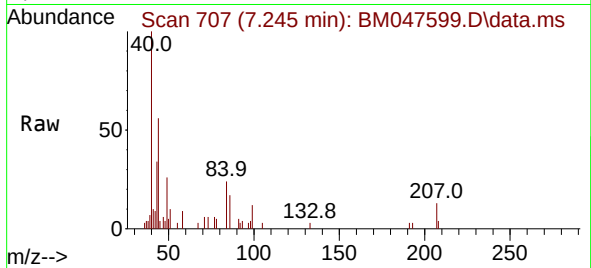




#11
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.245 min Scan# 70
Delta R.T. -0.023 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

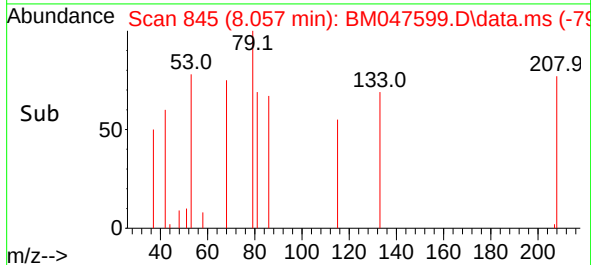
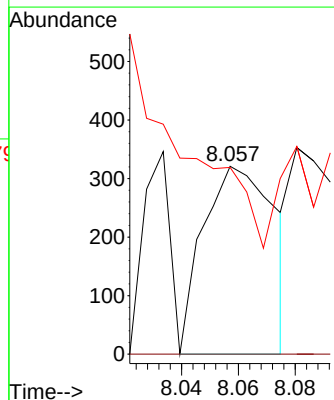
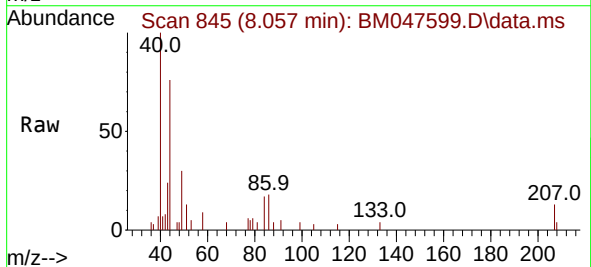
Instrument :
BNA_M
ClientSampleId :
PB163525BL

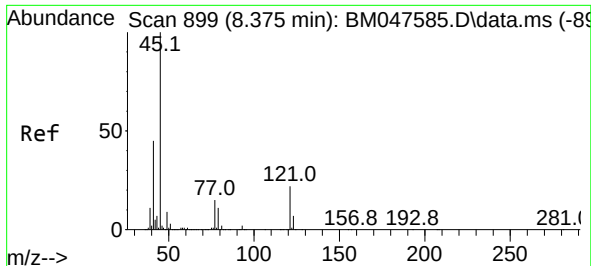
Tgt Ion: 93 Resp: 77
Ion Ratio Lower Upper
93 100
63 0.0 58.5 98.5#
95 0.0 12.9 52.9#



#15
Benzyl Alcohol
Concen: 0.028 ng
RT: 8.057 min Scan# 845
Delta R.T. -0.023 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion: 79 Resp: 560
Ion Ratio Lower Upper
79 100
108 0.0 60.2 90.2#
77 99.4 53.9 80.9#

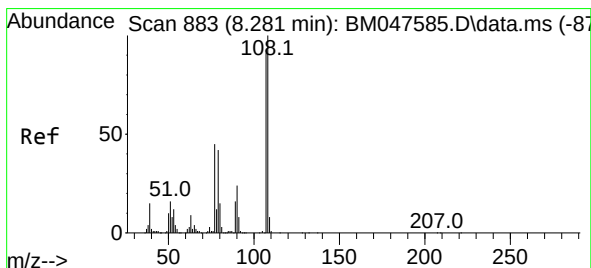
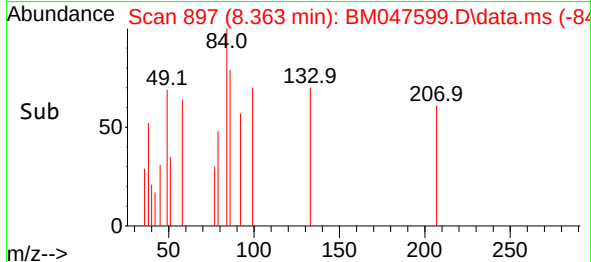
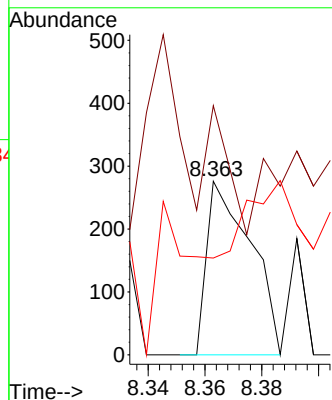
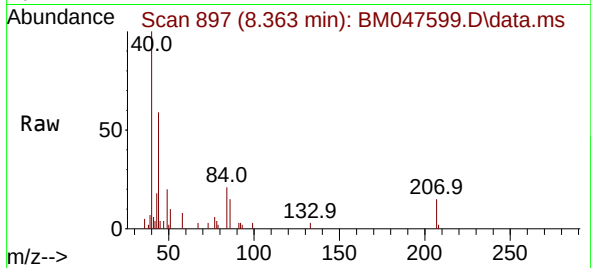




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.009 ng
RT: 8.363 min Scan# 899
Delta R.T. -0.012 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

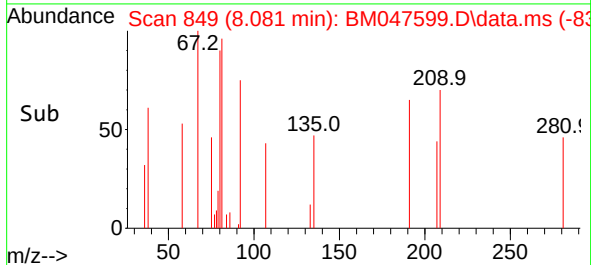
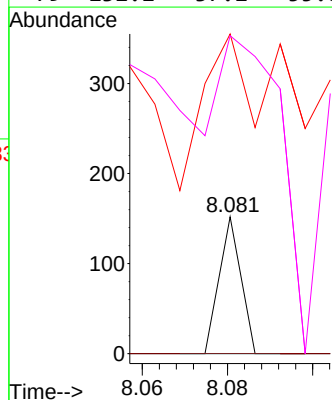
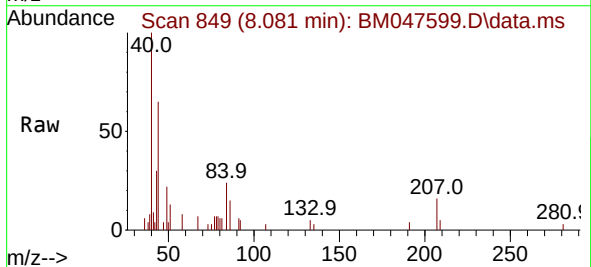
Instrument :
BNA_M
ClientSampleId :
PB163525BL

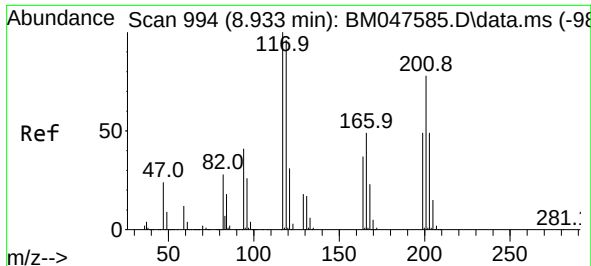
Tgt Ion: 45 Resp: 296
Ion Ratio Lower Upper
45 100
77 143.5 0.0 35.5#
79 55.8 0.0 31.6#



#17
2-Methylphenol
Concen: 0.003 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.200 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion: 107 Resp: 54
Ion Ratio Lower Upper
107 100
108 0.0 87.8 131.6#
77 233.6 39.6 59.4#
79 232.2 37.2 55.8#

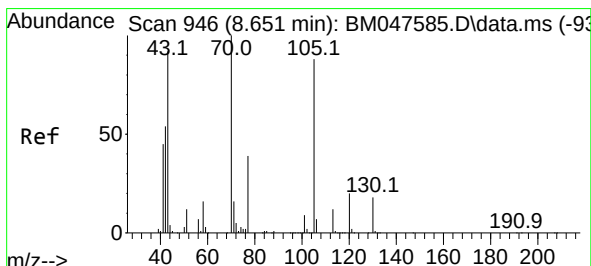
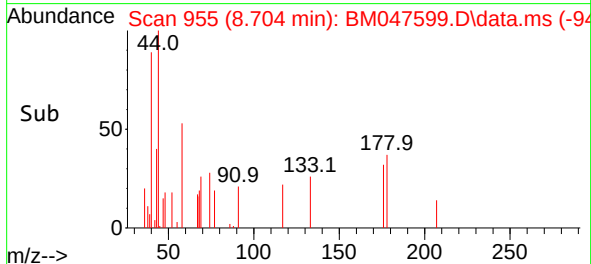
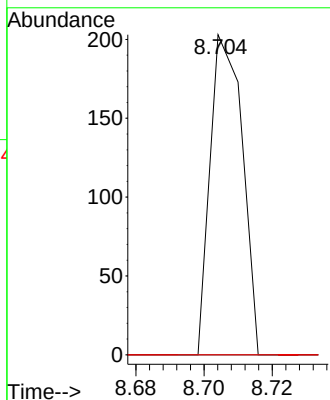
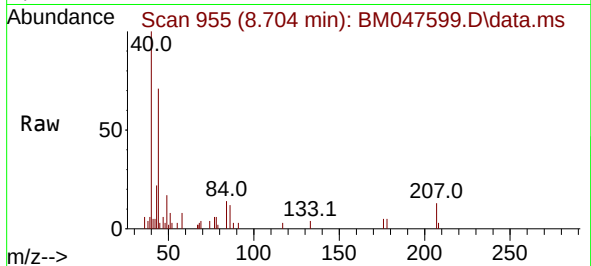




#18
Hexachloroethane
Concen: 0.012 ng
RT: 8.704 min Scan# 911
Delta R.T. -0.229 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

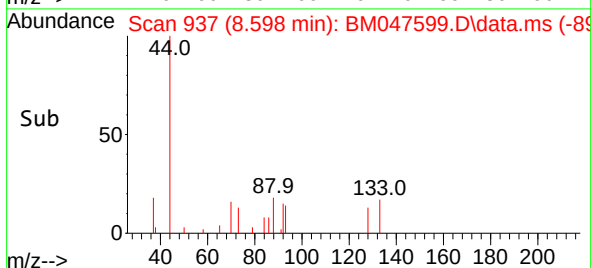
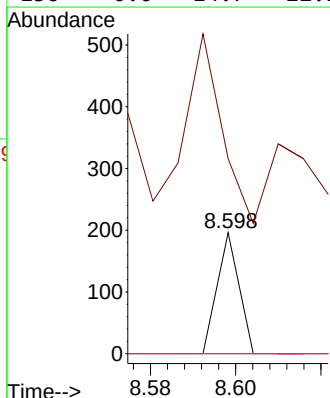
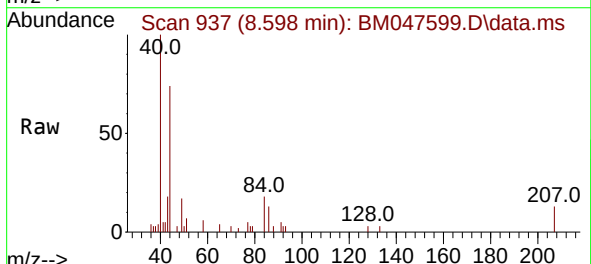
Instrument :
BNA_M
ClientSampleId :
PB163525BL

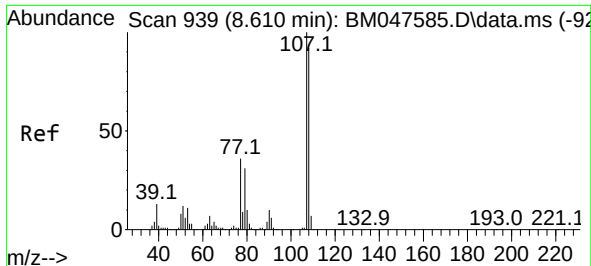
Tgt Ion:117 Resp: 133
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
201 0.0 62.3 93.5#



#19
n-Nitroso-di-n-propylamine
Concen: 0.004 ng
RT: 8.598 min Scan# 937
Delta R.T. -0.053 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion: 70 Resp: 69
Ion Ratio Lower Upper
70 100
42 161.2 44.2 66.2#
101 0.0 7.0 10.4#
130 0.0 14.7 22.1#

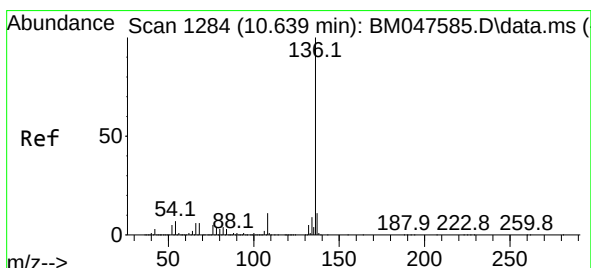
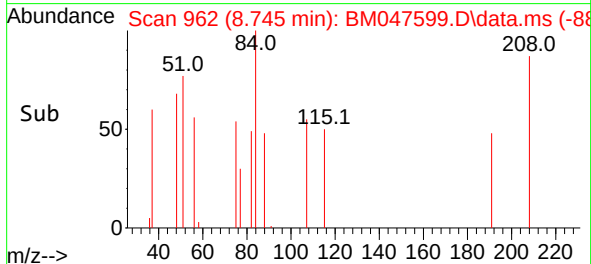
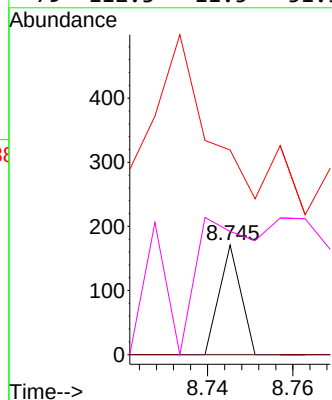
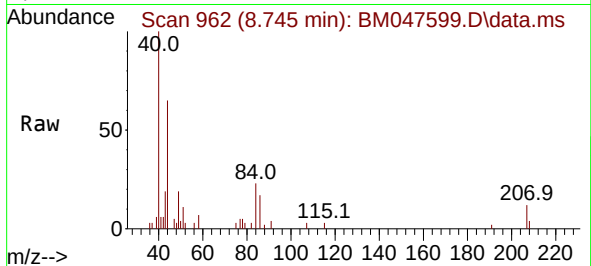




#20
3+4-Methylphenols
Concen: 0.002 ng
RT: 8.745 min Scan# 90
Delta R.T. 0.135 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

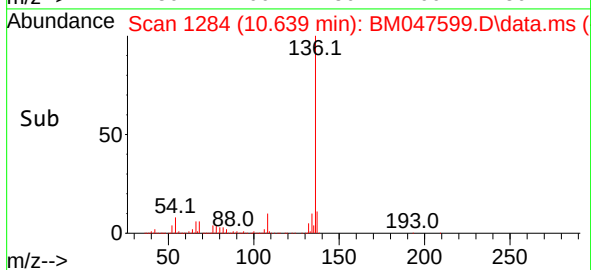
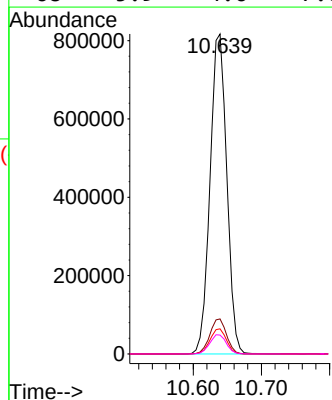
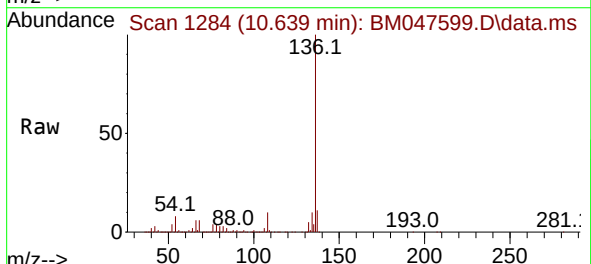
Instrument :
BNA_M
ClientSampleId :
PB163525BL

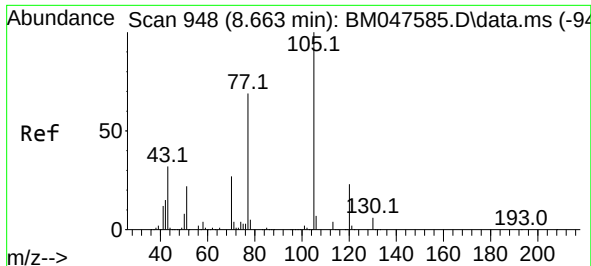
Tgt Ion:107 Resp: 60
Ion Ratio Lower Upper
107 100
108 0.0 71.8 111.8#
77 186.5 16.1 56.1#
79 112.3 11.5 51.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion:136 Resp: 1395561
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.9 6.0 9.0
68 5.9 4.6 7.0

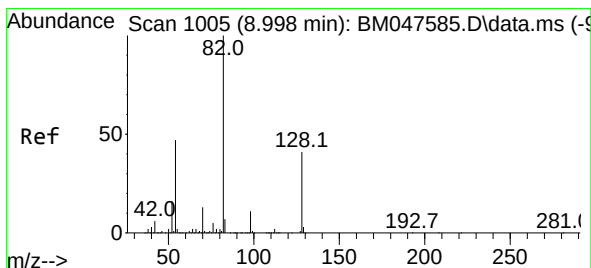
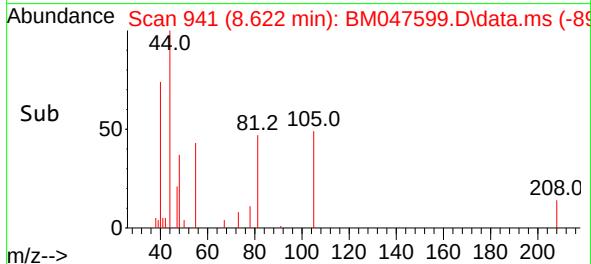
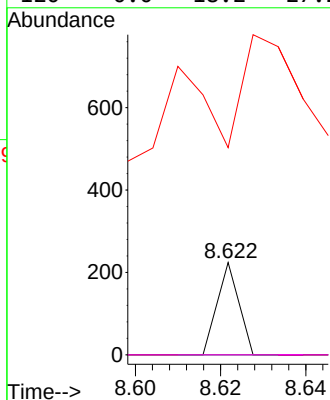
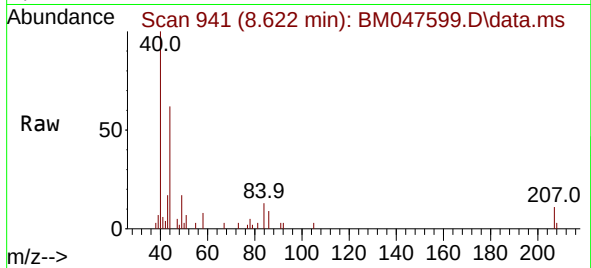




#22
Acetophenone
Concen: 0.002 ng
RT: 8.622 min Scan# 94
Delta R.T. -0.041 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

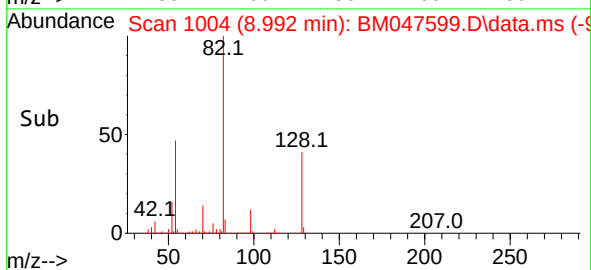
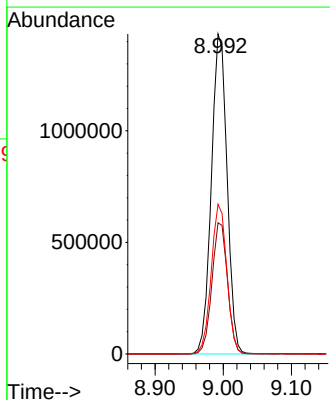
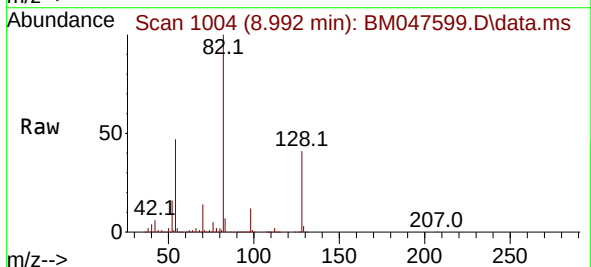
Instrument :
BNA_M
ClientSampleId :
PB163525BL

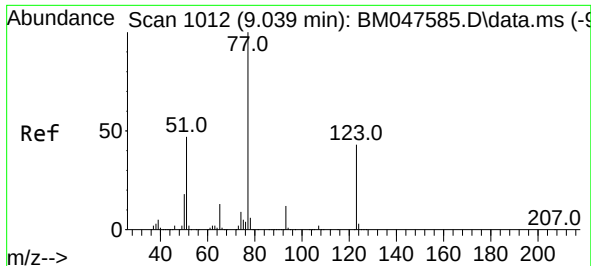
Tgt Ion:	105	Resp:	79
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.4	5.2#
51	224.6	21.4	32.2#
120	0.0	18.2	27.2#



#23
Nitrobenzene-d5
Concen: 82.141 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion:	82	Resp:	2302766
Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.5	48.7
54	46.8	37.5	56.3

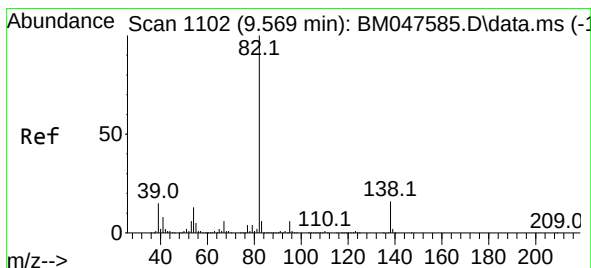
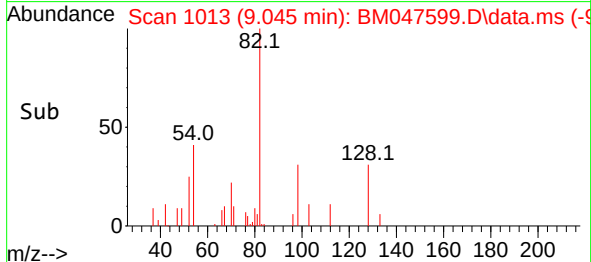
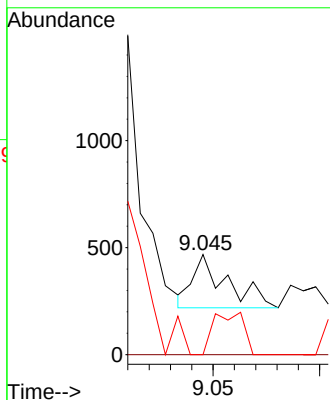
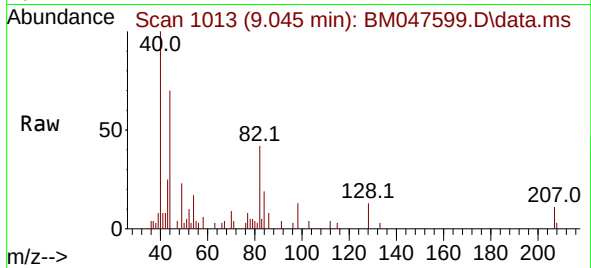




#24
Nitrobenzene
Concen: 0.010 ng
RT: 9.045 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

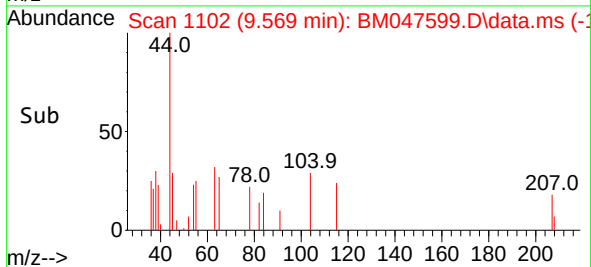
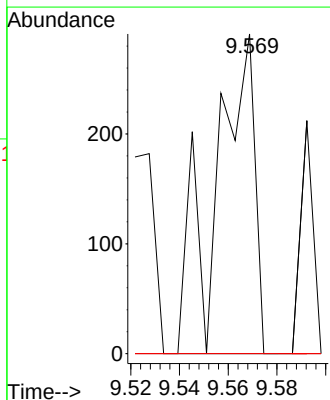
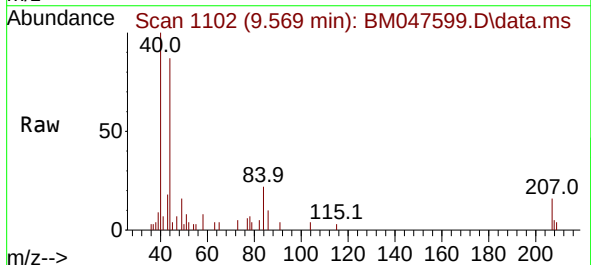
Instrument :
BNA_M
ClientSampleId :
PB163525BL

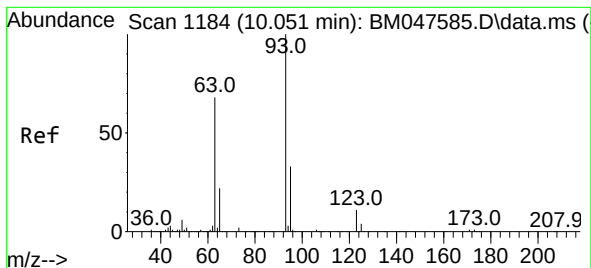
Tgt Ion: 77 Resp: 277
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 0.0 10.7 16.1#



#25
Isophorone
Concen: 0.007 ng
RT: 9.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion: 82 Resp: 326
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.6#
138 0.0 12.9 19.3#

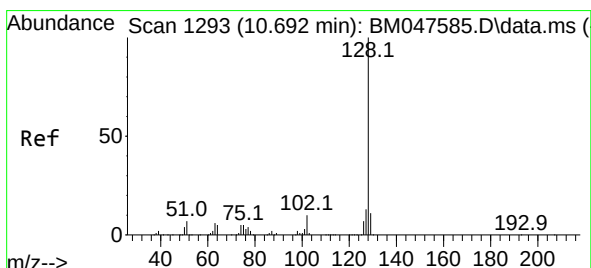
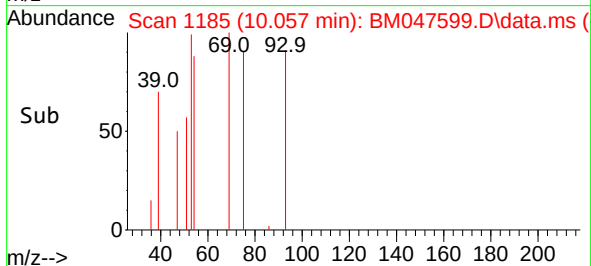
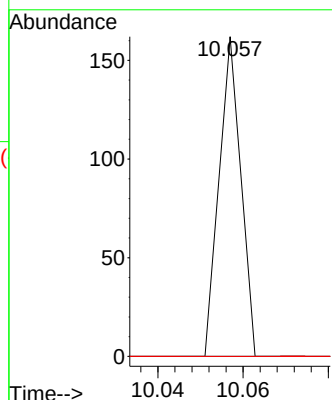
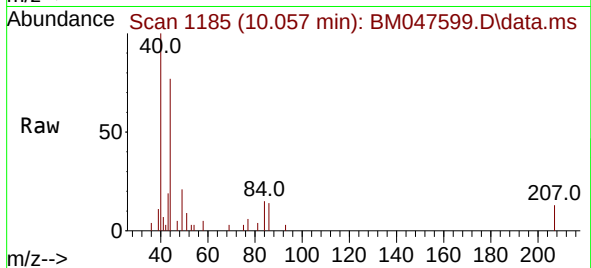




#28
bis(2-Chloroethoxy)methane
Concen: 0.002 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

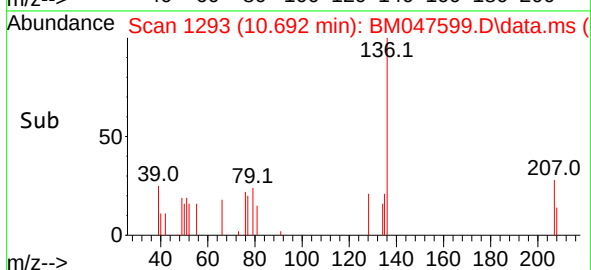
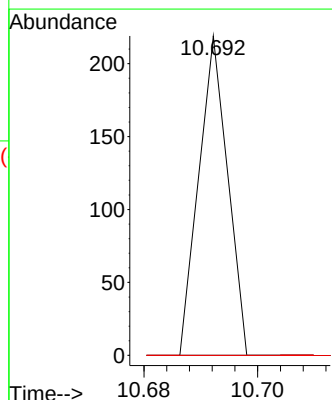
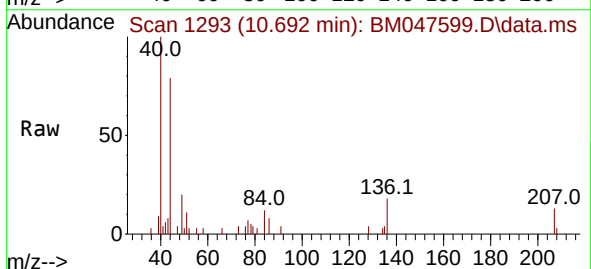
Instrument :
BNA_M
ClientSampleId :
PB163525BL

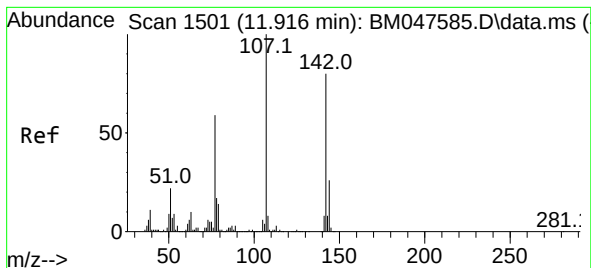
Tgt Ion:	93	Resp:	57
Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.2	39.4#
123	0.0	9.0	13.4#



#31
Naphthalene
Concen: 0.001 ng
RT: 10.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion:	128	Resp:	77
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.3	15.5#

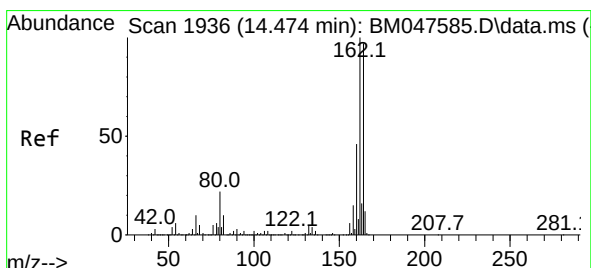
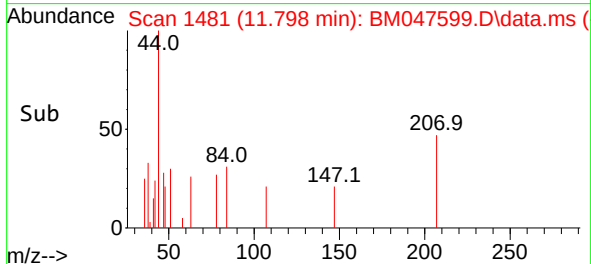
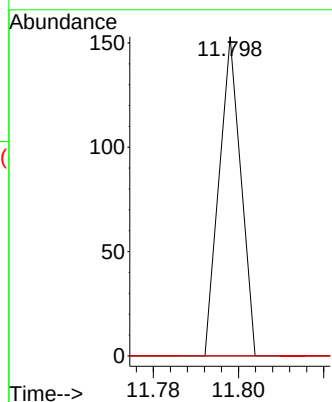
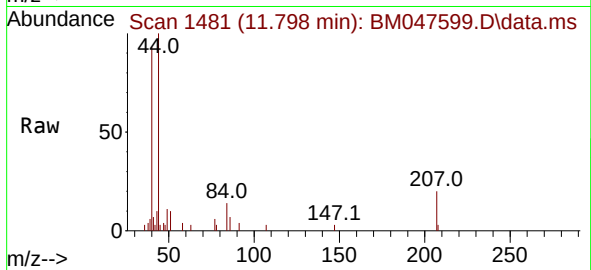




#36
4-Chloro-3-methylphenol
Concen: 0.003 ng
RT: 11.798 min Scan# 14
Delta R.T. -0.118 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

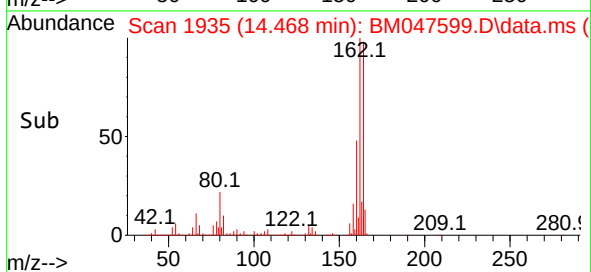
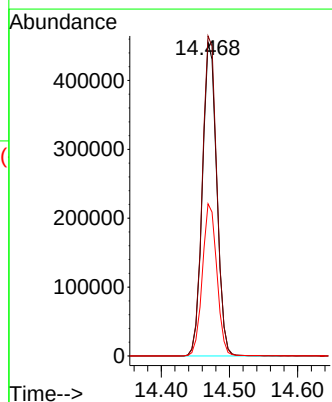
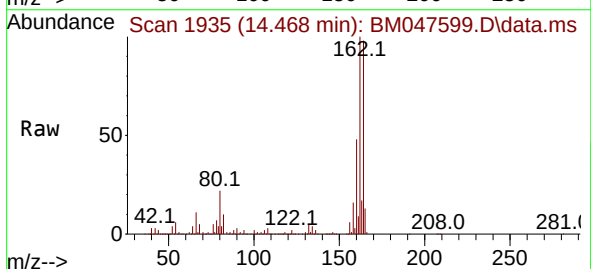
Instrument :
BNA_M
ClientSampleId :
PB163525BL

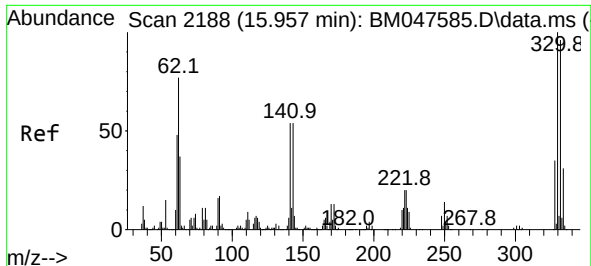
Tgt Ion:107 Resp: 54
Ion Ratio Lower Upper
107 100
144 0.0 20.7 31.1#
142 0.0 63.9 95.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

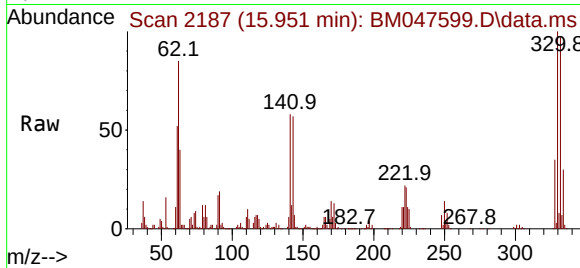
Tgt Ion:164 Resp: 664243
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 48.6 37.8 56.6



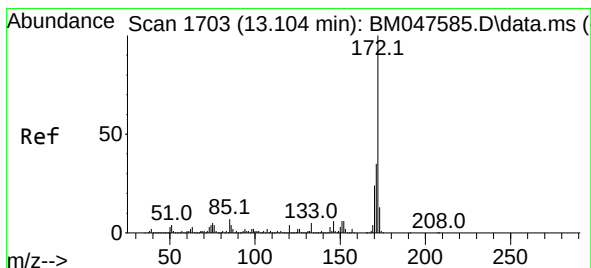
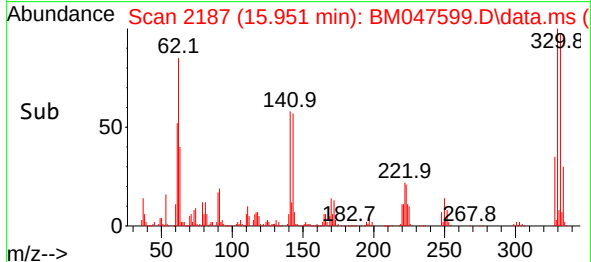
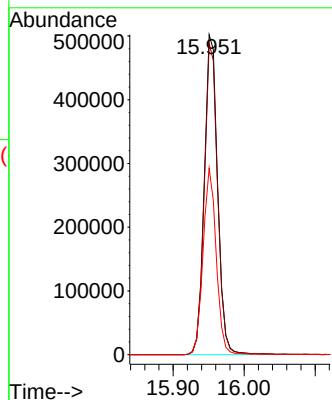


#42
2,4,6-Tribromophenol
Concen: 107.246 ng
RT: 15.951 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Instrument :
BNA_M
ClientSampleId :
PB163525BL

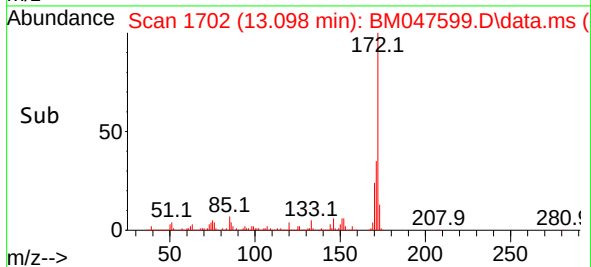
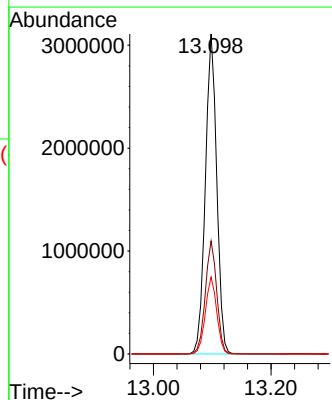
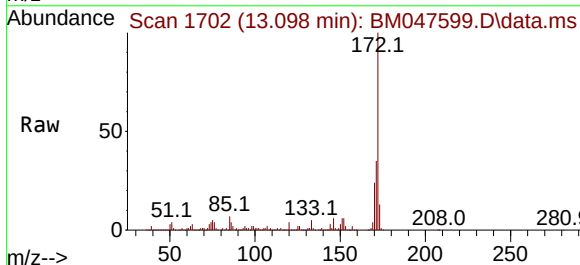


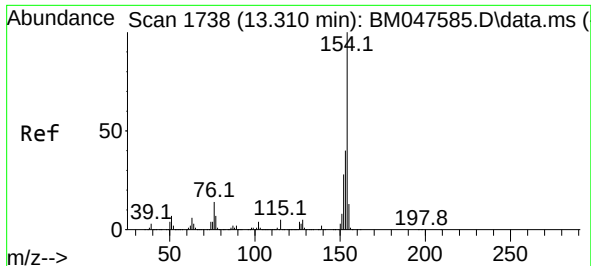
Tgt Ion:330 Resp: 659636
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 57.6 45.9 68.9



#45
2-Fluorobiphenyl
Concen: 88.721 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion:172 Resp: 4164930
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 24.0 19.0 28.6

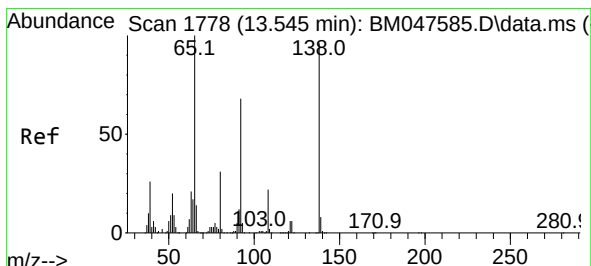
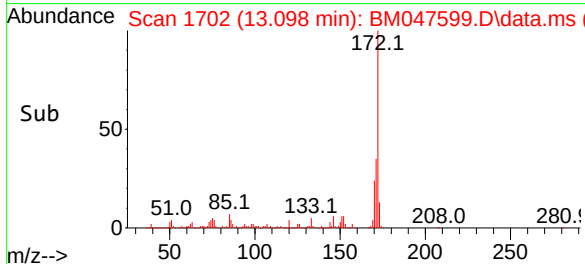
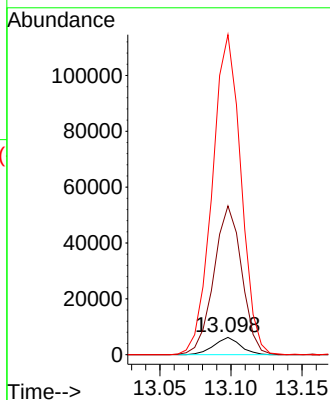
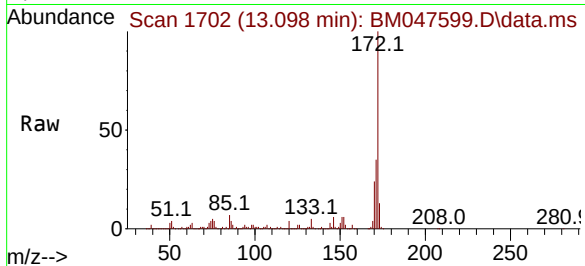




#46
1,1'-Biphenyl
Concen: 0.156 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.212 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

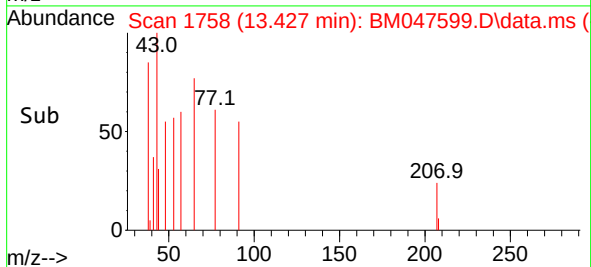
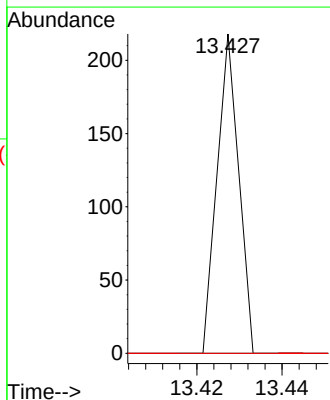
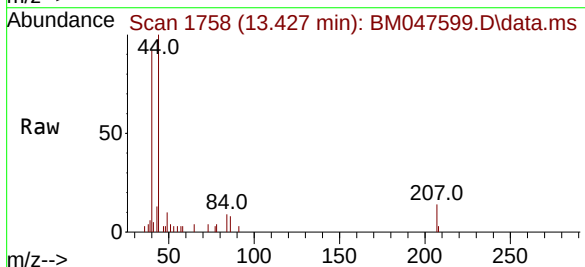
Instrument :
BNA_M
ClientSampleId :
PB163525BL

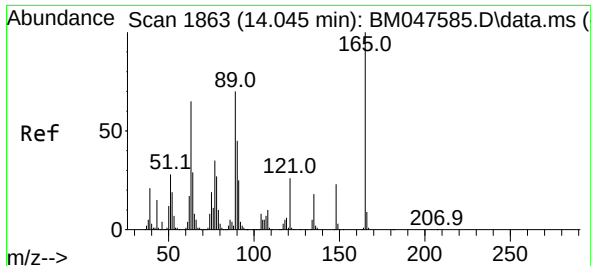
Tgt Ion:154 Resp: 8011
Ion Ratio Lower Upper
154 100
153 859.3 19.9 59.9#
76 1847.2 0.0 34.5#



#48
2-Nitroaniline
Concen: 0.006 ng
RT: 13.427 min Scan# 1758
Delta R.T. -0.118 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion: 65 Resp: 77
Ion Ratio Lower Upper
65 100
92 0.0 54.2 81.4#
138 0.0 76.6 114.8#

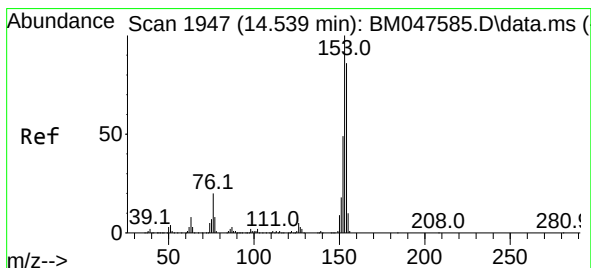
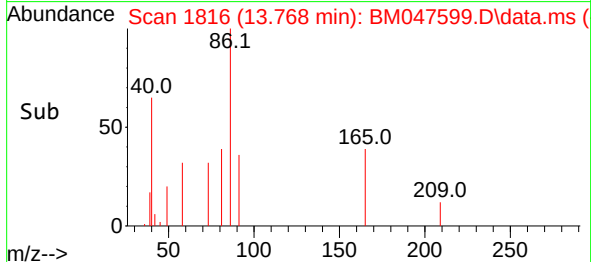
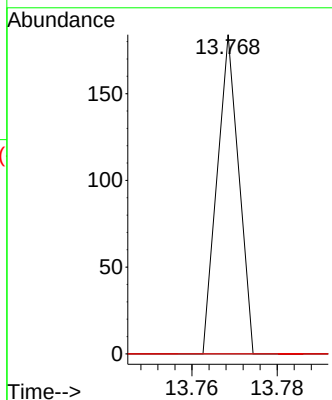
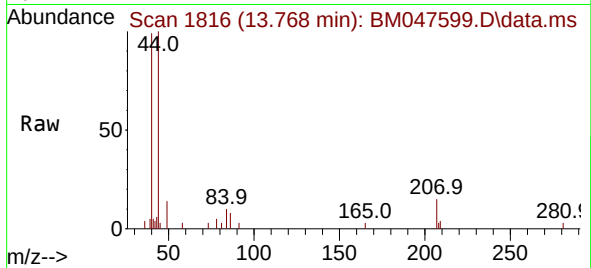




#51
2,6-Dinitrotoluene
Concen: 0.007 ng
RT: 13.768 min Scan# 1863
Delta R.T. -0.276 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

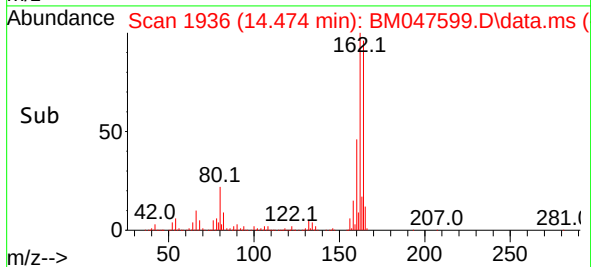
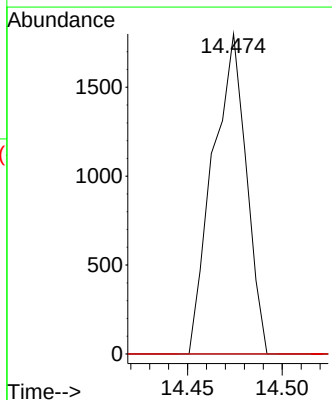
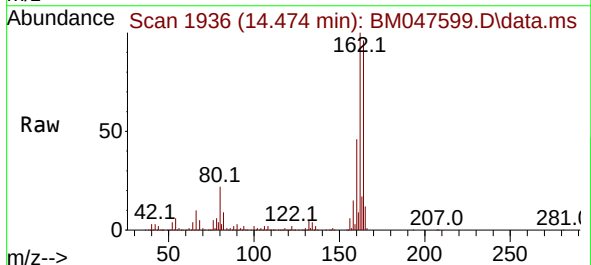
Instrument :
BNA_M
ClientSampleId :
PB163525BL

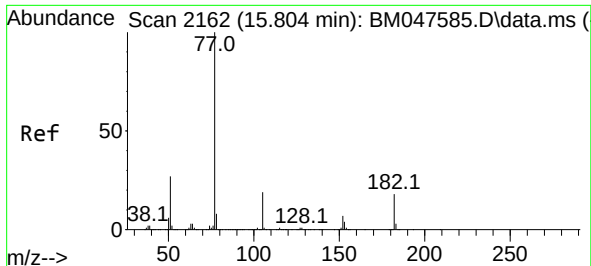
Tgt Ion:165 Resp: 65
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 56.4 84.6#



#52
Acenaphthene
Concen: 0.058 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.065 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion:154 Resp: 2214
Ion Ratio Lower Upper
154 100
153 0.0 92.8 139.2#
152 0.0 45.7 68.5#

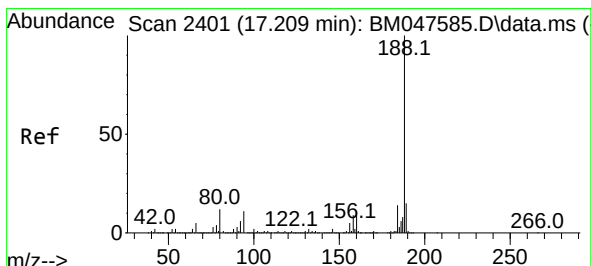
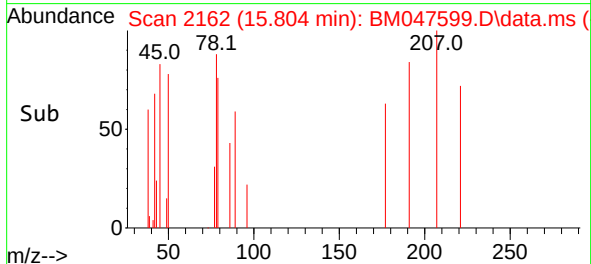
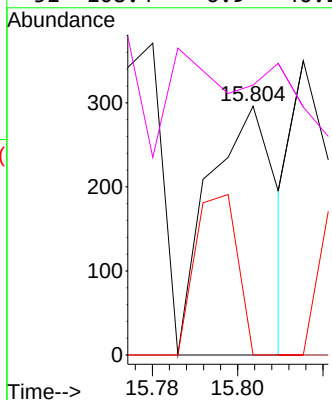
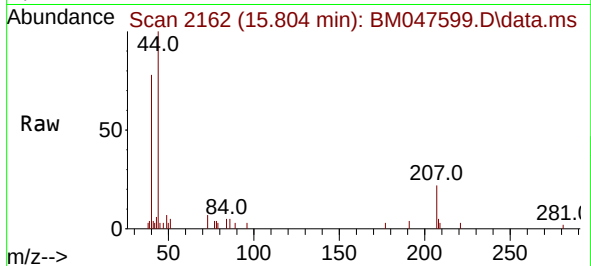




#63
Azobenzene
Concen: 0.006 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

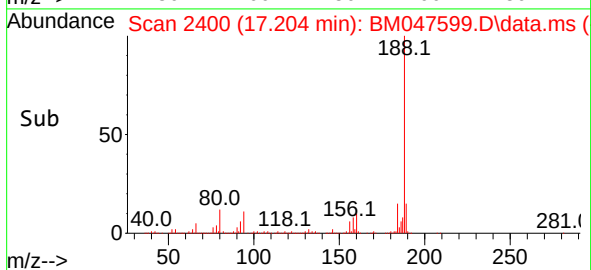
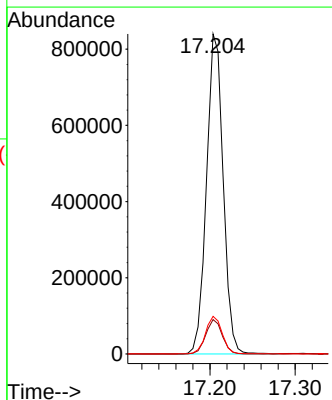
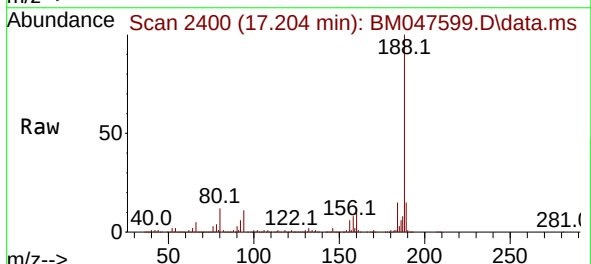
Instrument :
BNA_M
ClientSampleId :
PB163525BL

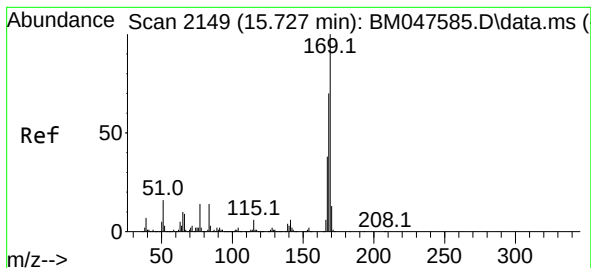
Tgt Ion: 77	Resp:	330
Ion Ratio	Lower	Upper
77	100	
182	0.0	38.2
105	0.0	38.8
51	108.4	46.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion: 188	Resp:	1141773
Ion Ratio	Lower	Upper
188	100	
94	10.7	8.6 13.0
80	11.8	9.9 14.9





#66

n-Nitrosodiphenylamine

Concen: 0.878 ng

RT: 15.951 min Scan# 2149

Delta R.T. 0.224 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Instrument :

BNA_M

ClientSampleId :

PB163525BL

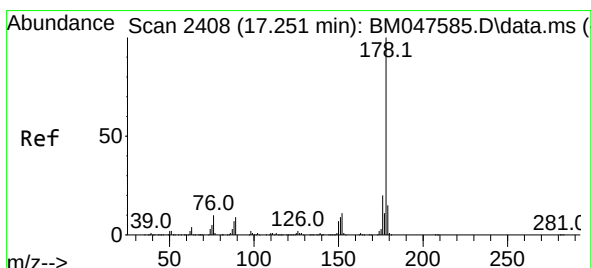
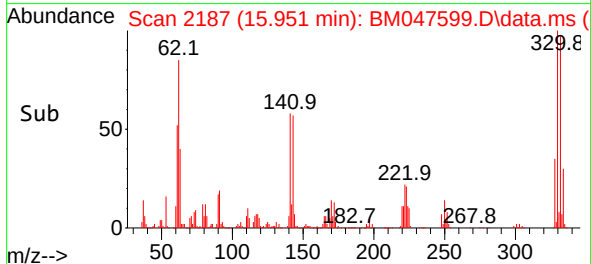
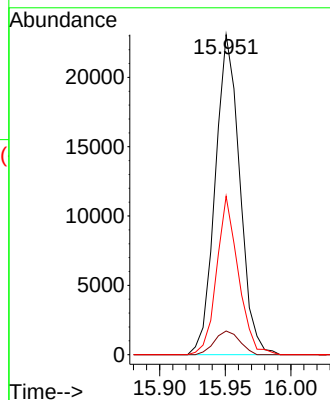
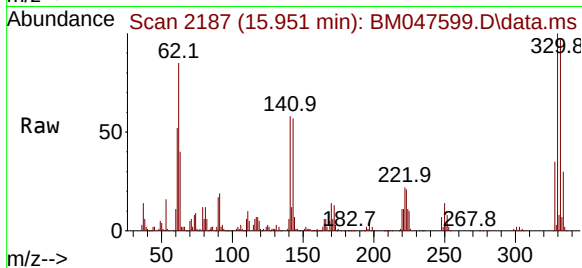
Tgt Ion:169 Resp: 29939

Ion Ratio Lower Upper

169 100

168 7.4 55.8 83.8#

167 49.5 30.7 46.1#



#71

Phenanthrene

Concen: 0.009 ng

RT: 17.215 min Scan# 2402

Delta R.T. -0.035 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

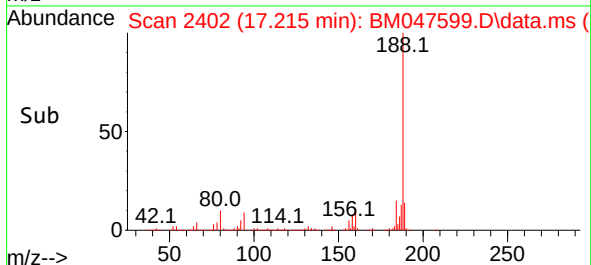
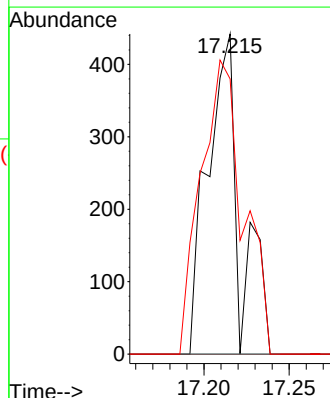
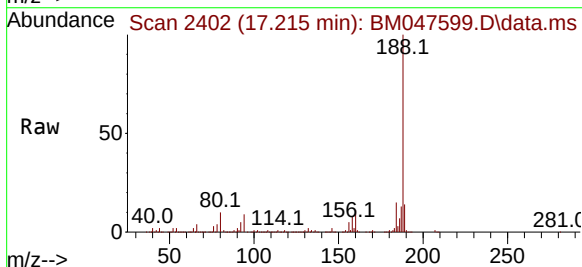
Tgt Ion:178 Resp: 586

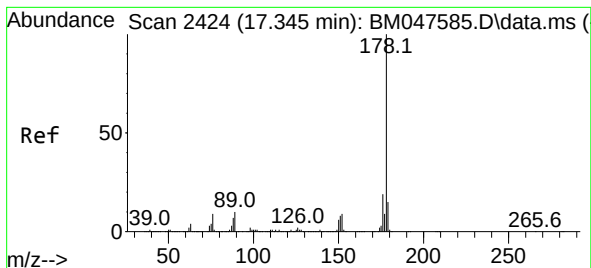
Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

179 86.0 12.2 18.2#





#72

Anthracene

Concen: 0.010 ng

RT: 17.215 min Scan# 24

Delta R.T. -0.129 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Instrument :

BNA_M

ClientSampleId :

PB163525BL

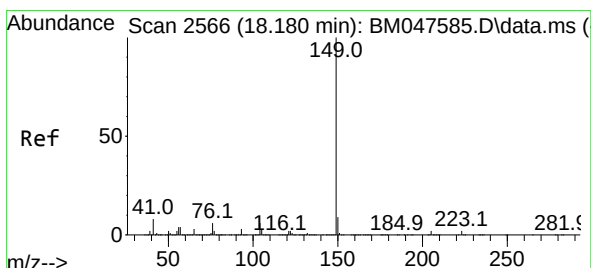
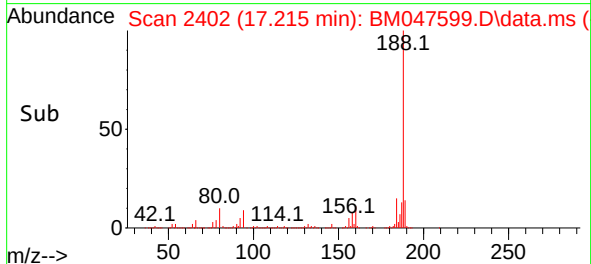
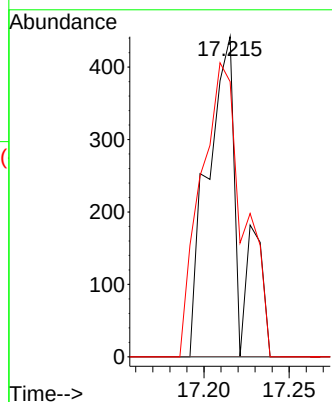
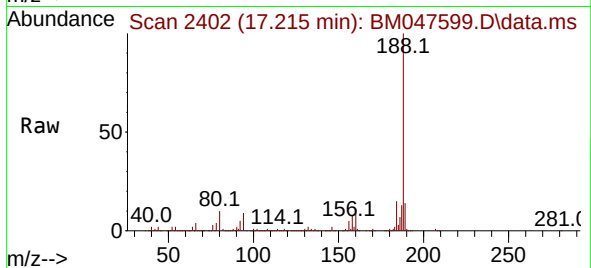
Tgt Ion:178 Resp: 586

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

179 86.0 12.2 18.2#



#74

Di-n-butylphthalate

Concen: 0.007 ng

RT: 18.186 min Scan# 2567

Delta R.T. 0.006 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

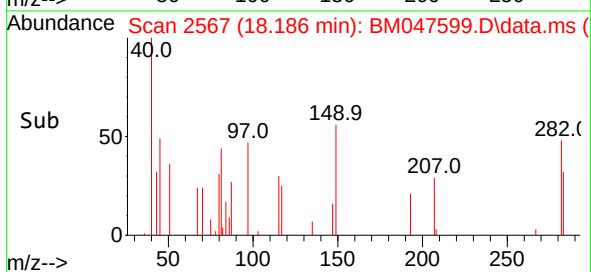
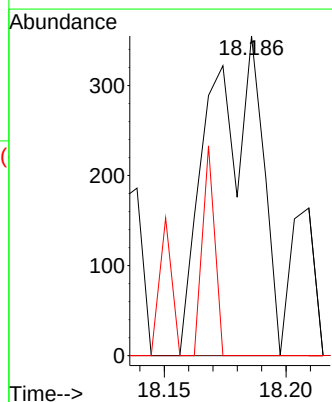
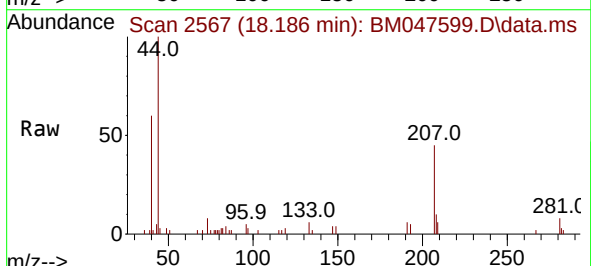
Tgt Ion:149 Resp: 527

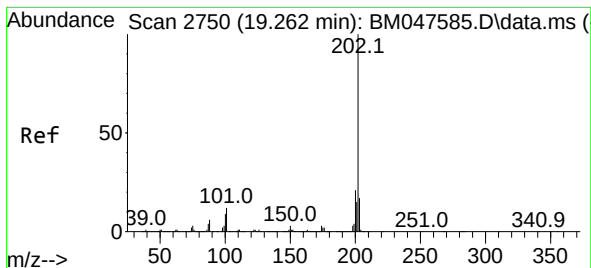
Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 0.0 4.7 7.1#





#75

Fluoranthene

Concen: 0.002 ng

RT: 19.468 min Scan# 21

Delta R.T. 0.206 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Instrument :

BNA_M

ClientSampleId :

PB163525BL

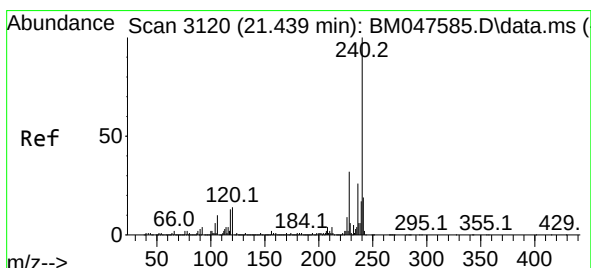
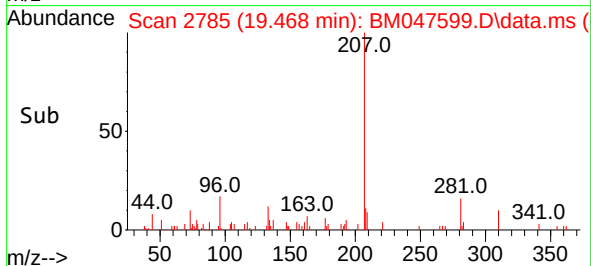
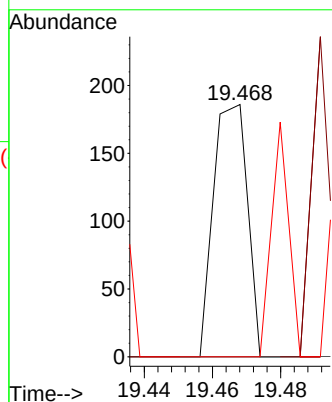
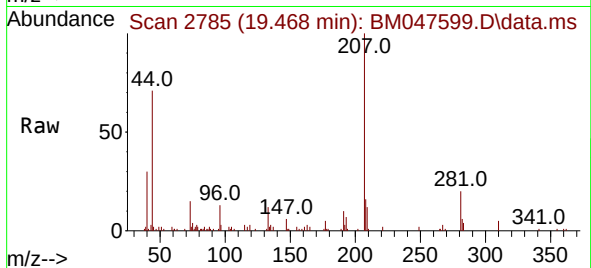
Tgt Ion:202 Resp: 129

Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.2

203 0.0 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

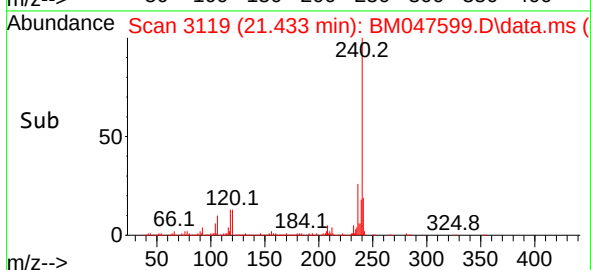
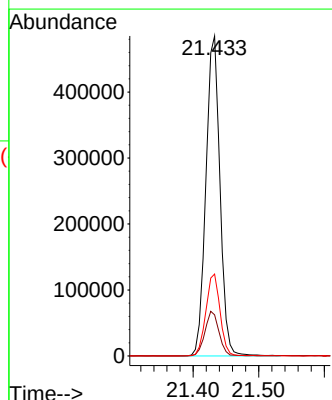
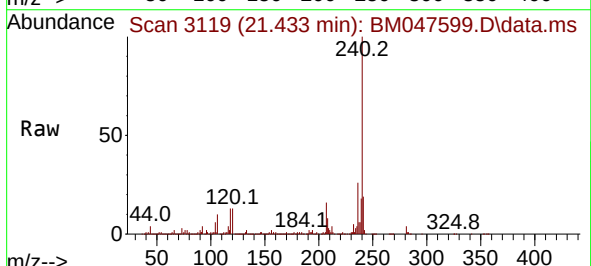
Tgt Ion:240 Resp: 723811

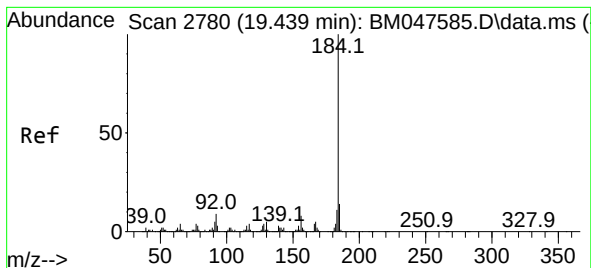
Ion Ratio Lower Upper

240 100

120 12.9 10.8 16.2

236 25.6 20.8 31.2





#77

Benzidine

Concen: 0.006 ng

RT: 19.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Instrument :

BNA_M

ClientSampleId :

PB163525BL

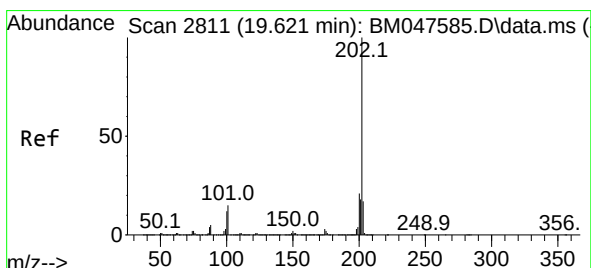
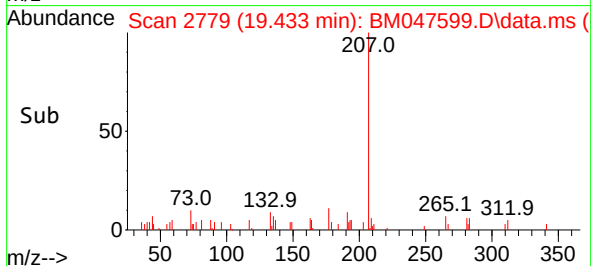
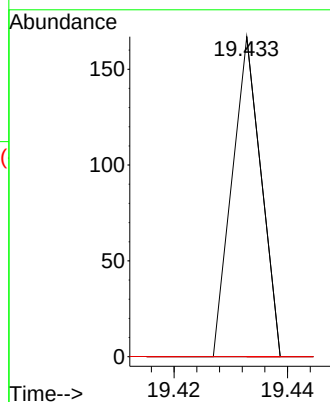
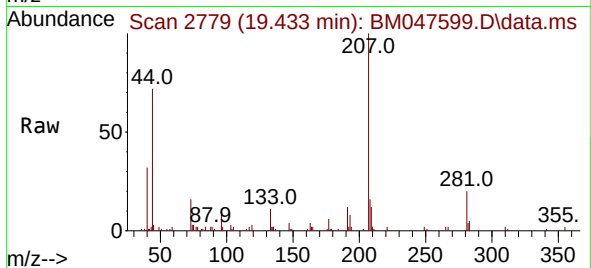
Tgt Ion:184 Resp: 59

Ion Ratio Lower Upper

184 100

185 0.0 11.5 17.3#

183 0.0 8.7 13.1#



#78

Pyrene

Concen: 0.307 ng

RT: 19.821 min Scan# 2845

Delta R.T. 0.200 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

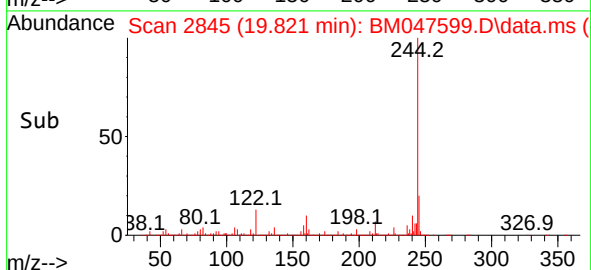
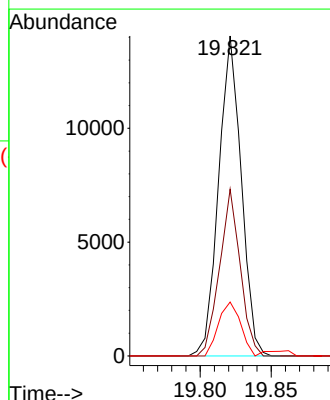
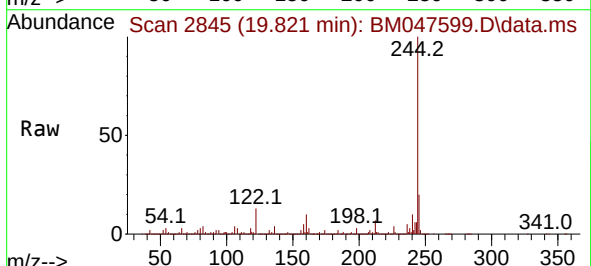
Tgt Ion:202 Resp: 15531

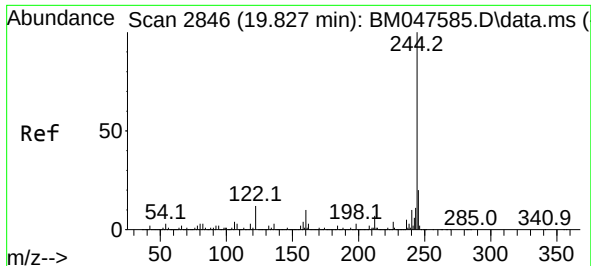
Ion Ratio Lower Upper

202 100

200 52.1 17.2 25.8#

203 16.9 13.8 20.8

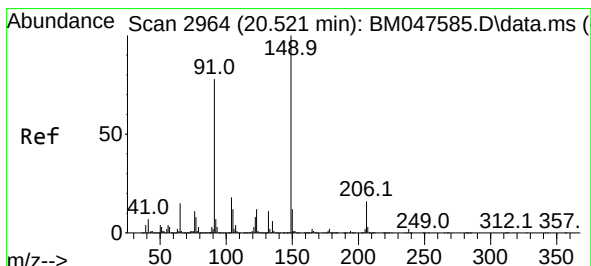
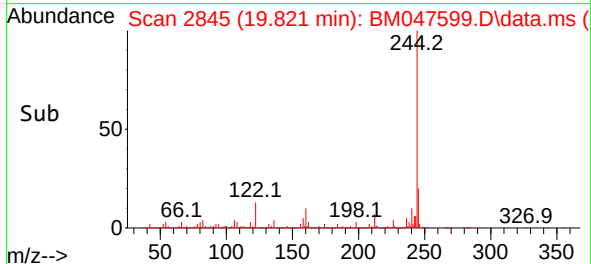
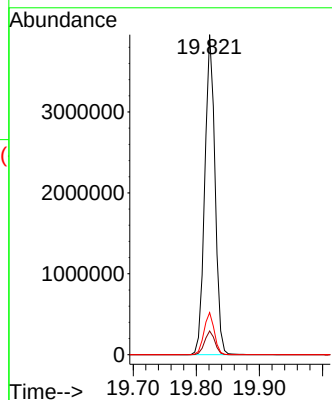
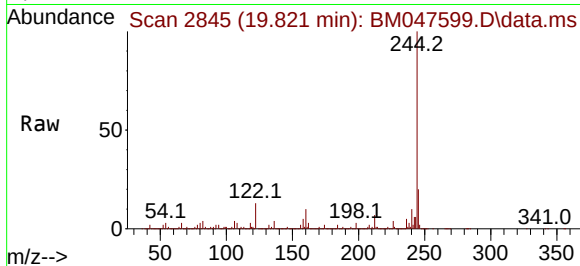




#79
 Terphenyl-d14
 Concen: 110.346 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047599.D
 Acq: 23 Sep 2024 10:24

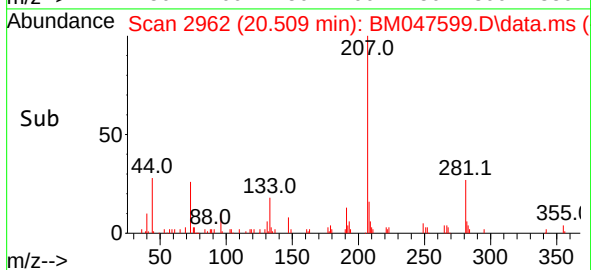
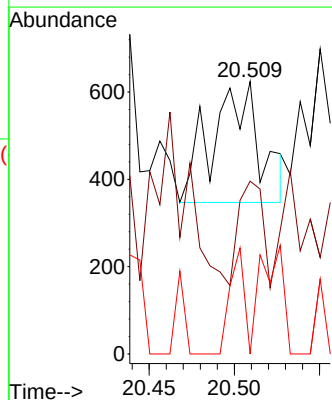
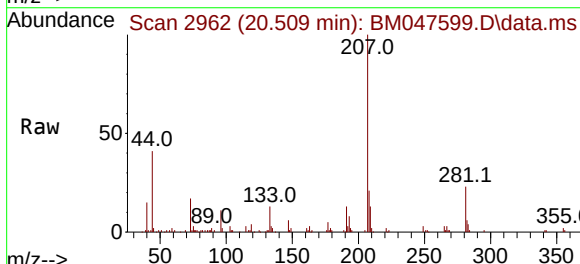
Instrument :
 BNA_M
 ClientSampleId :
 PB163525BL

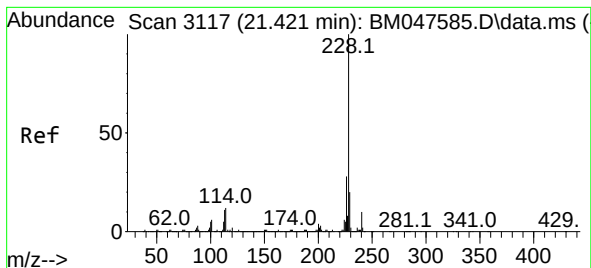
Tgt Ion:244 Resp: 4451374
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.1 10.0 15.0



#80
 Butylbenzylphthalate
 Concen: 0.024 ng
 RT: 20.509 min Scan# 2962
 Delta R.T. -0.012 min
 Lab File: BM047599.D
 Acq: 23 Sep 2024 10:24

Tgt Ion:149 Resp: 537
 Ion Ratio Lower Upper
 149 100
 91 63.5 62.3 93.5
 206 0.0 13.0 19.6#





#81

Benzo(a)anthracene

Concen: 0.045 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.012 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Instrument :

BNA_M

ClientSampleId :

PB163525BL

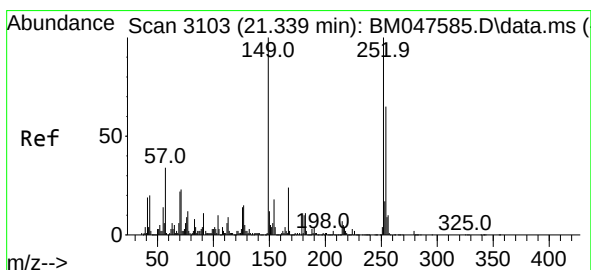
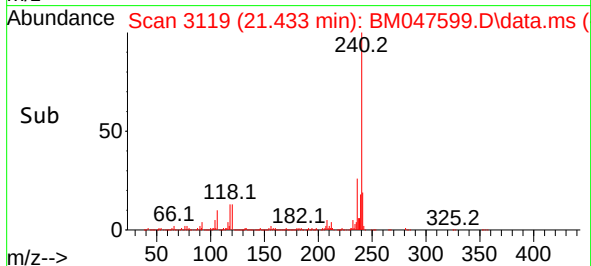
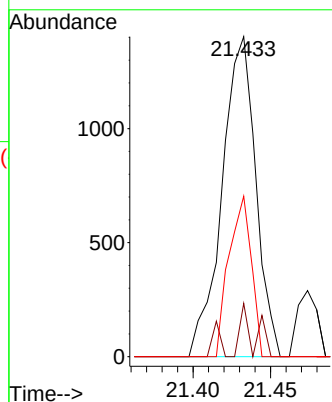
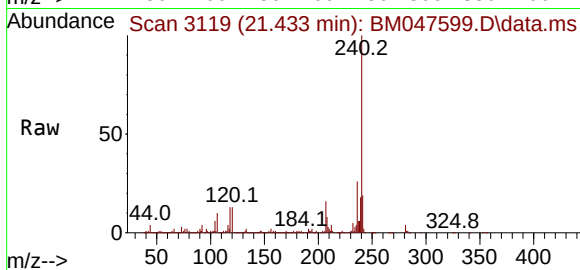
Tgt Ion:228 Resp: 2121

Ion Ratio Lower Upper

228 100

226 16.7 22.4 33.6#

229 50.2 16.0 24.0#



#82

3,3'-Dichlorobenzidine

Concen: 0.025 ng

RT: 21.327 min Scan# 3101

Delta R.T. -0.012 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

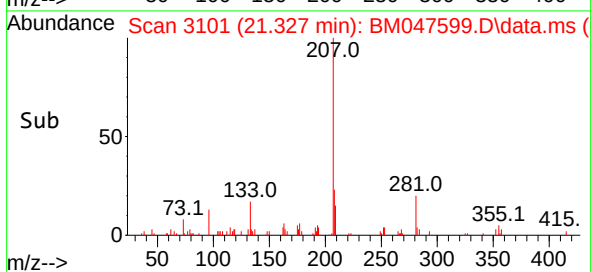
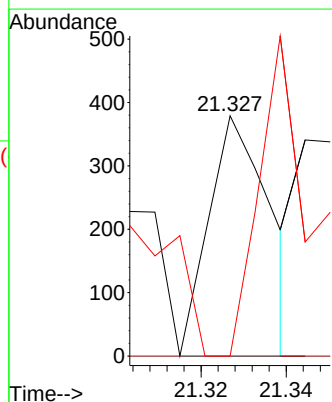
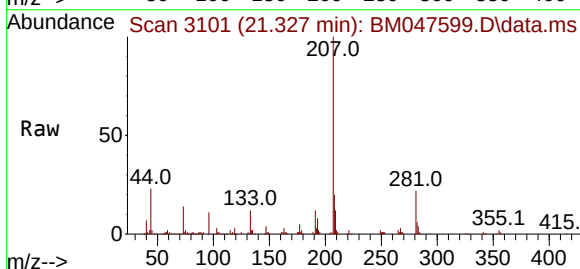
Tgt Ion:252 Resp: 376

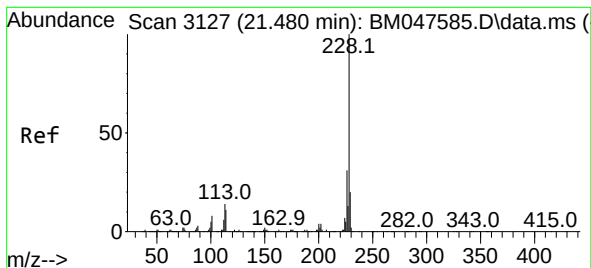
Ion Ratio Lower Upper

252 100

254 0.0 52.3 78.5#

126 0.0 11.4 17.0#





#83

Chrysene

Concen: 0.006 ng

RT: 21.474 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Instrument :

BNA_M

ClientSampleId :

PB163525BL

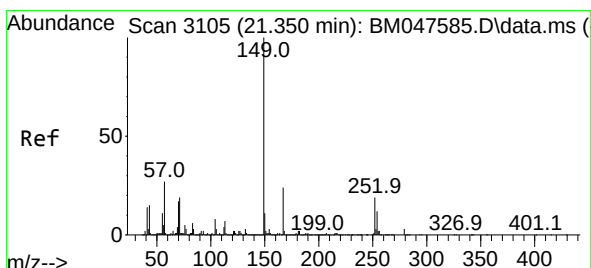
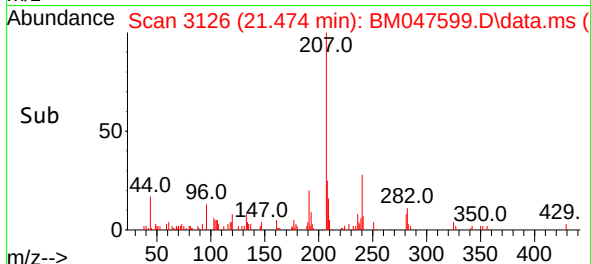
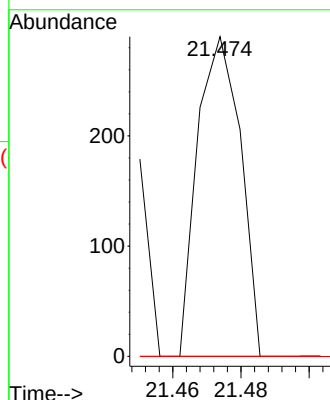
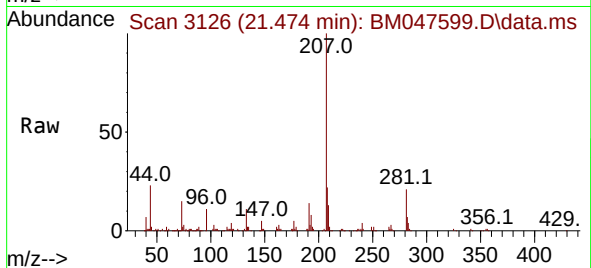
Tgt Ion:228 Resp: 255

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

229 0.0 15.8 23.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.011 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

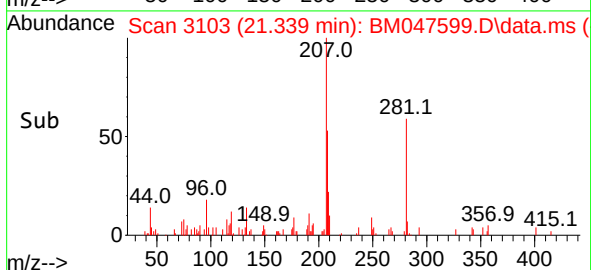
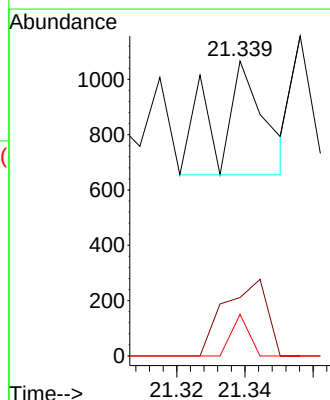
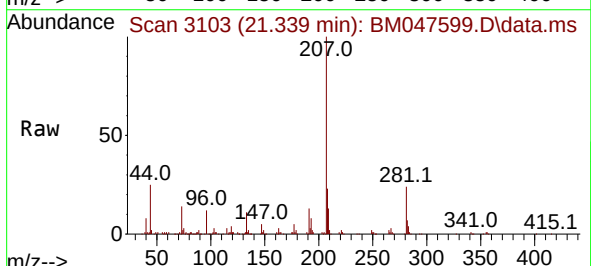
Tgt Ion:149 Resp: 398

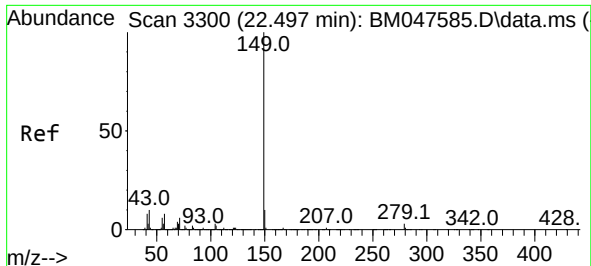
Ion Ratio Lower Upper

149 100

167 19.8 19.5 29.3

279 14.1 2.3 3.5#

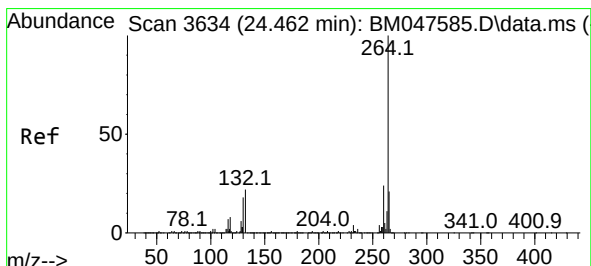
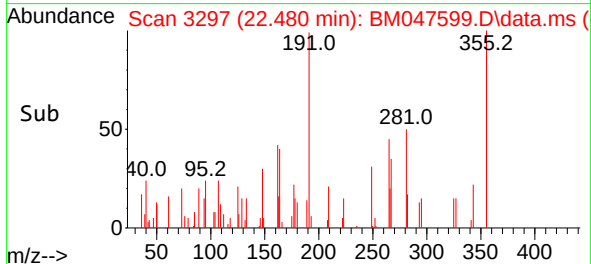
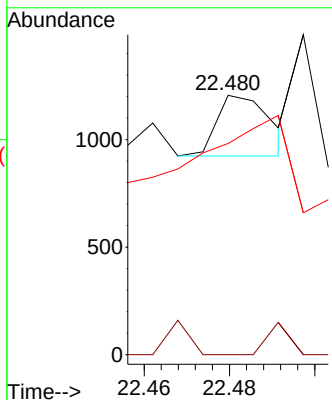
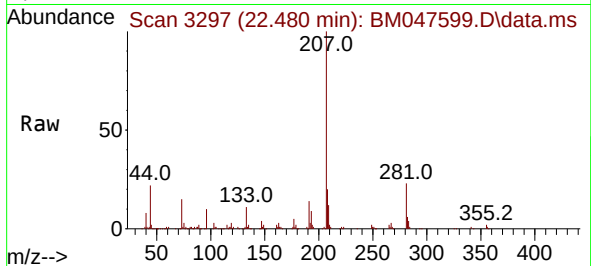




#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 22.480 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

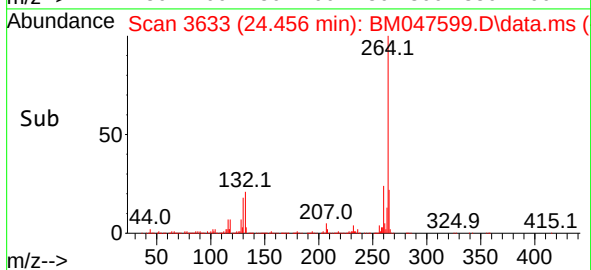
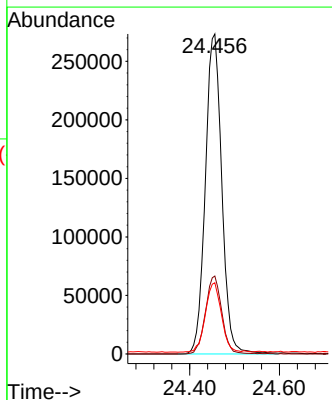
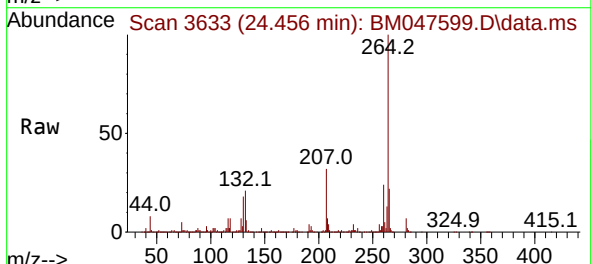
Instrument :
BNA_M
ClientSampleId :
PB163525BL

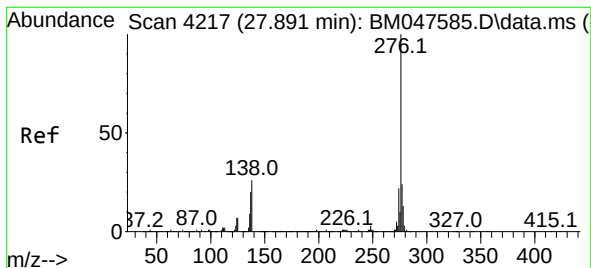
Tgt Ion:149 Resp: 242
Ion Ratio Lower Upper
149 100
167 21.9 1.1 1.7#
43 300.8 8.2 12.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3633
Delta R.T. -0.006 min
Lab File: BM047599.D
Acq: 23 Sep 2024 10:24

Tgt Ion:264 Resp: 696704
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 22.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 27.920 min Scan# 41

Delta R.T. 0.029 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Instrument :

BNA_M

ClientSampleId :

PB163525BL

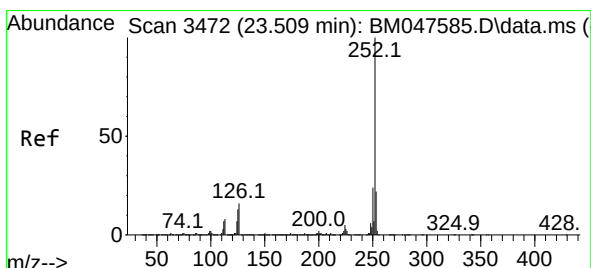
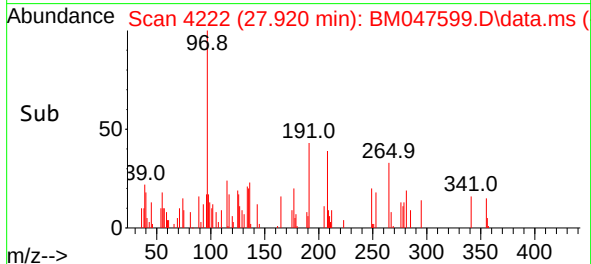
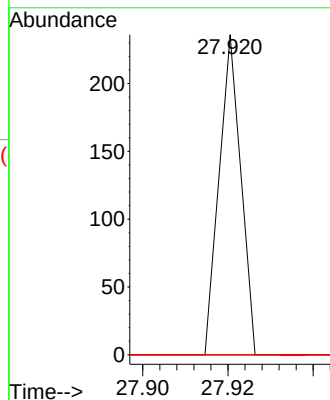
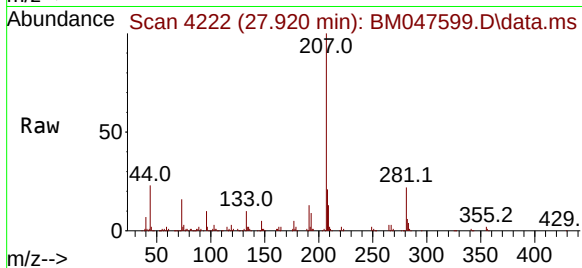
Tgt Ion:276 Resp: 83

Ion Ratio Lower Upper

276 100

138 0.0 18.1 27.1#

277 0.0 20.0 30.0#



#88

Benzo(b)fluoranthene

Concen: 0.010 ng

RT: 23.515 min Scan# 3473

Delta R.T. 0.006 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

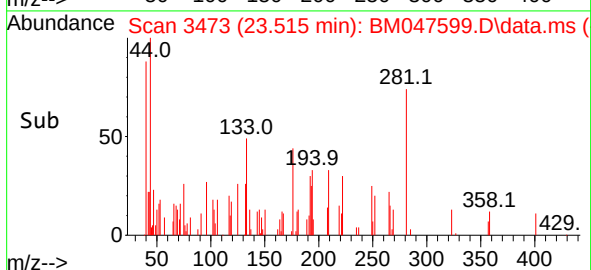
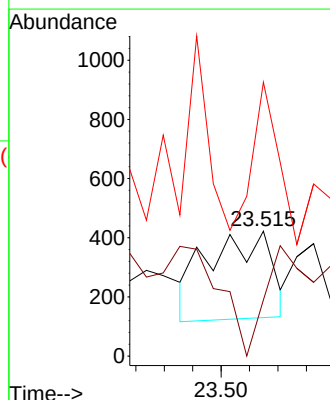
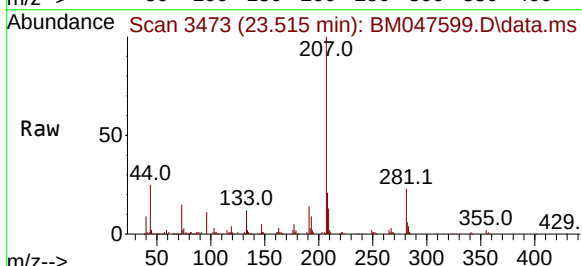
Tgt Ion:252 Resp: 452

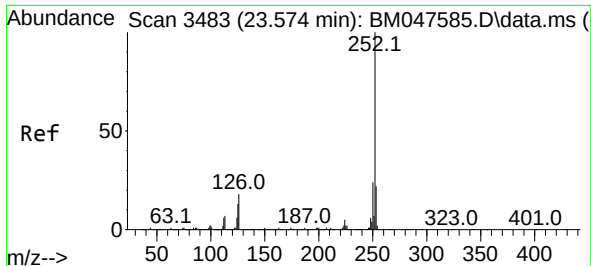
Ion Ratio Lower Upper

252 100

253 45.0 17.4 26.0#

125 219.4 10.2 15.2#





#89

Benzo(k)fluoranthene

Concen: 0.011 ng

RT: 23.550 min Scan# 34

Delta R.T. -0.024 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Instrument :

BNA_M

ClientSampleId :

PB163525BL

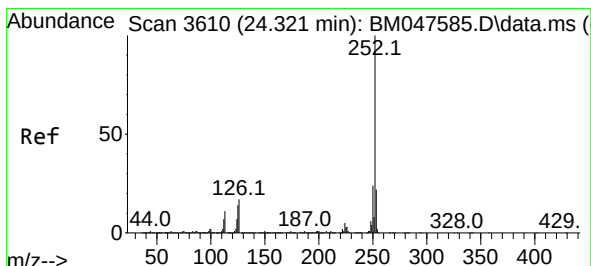
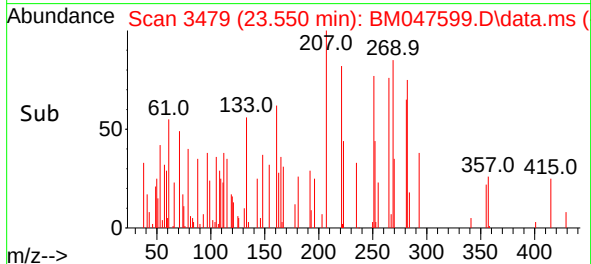
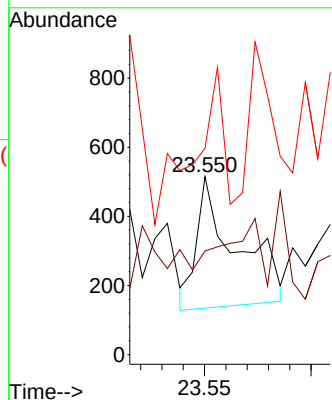
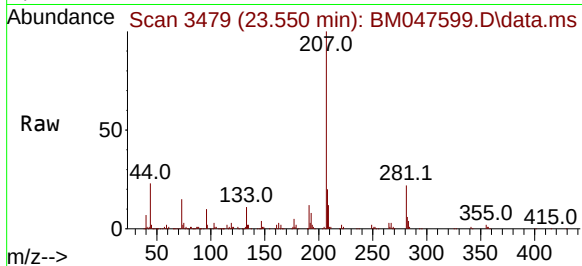
Tgt Ion:252 Resp: 492

Ion Ratio Lower Upper

252 100

253 58.3 17.6 26.4#

125 115.9 10.2 15.4#



#90

Benzo(a)pyrene

Concen: 0.011 ng

RT: 24.309 min Scan# 3608

Delta R.T. -0.012 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

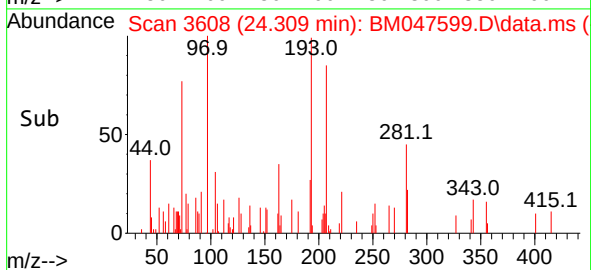
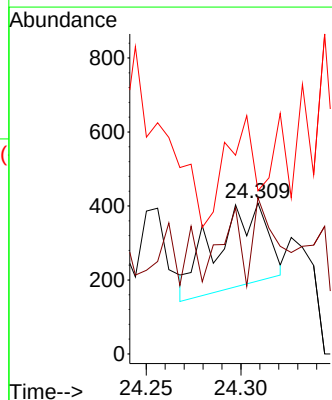
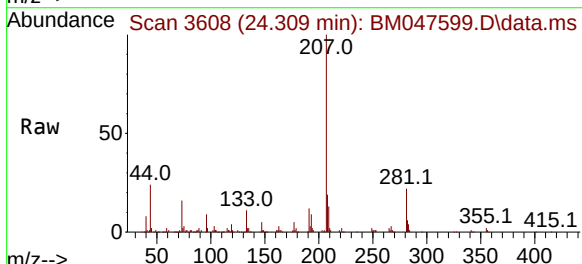
Tgt Ion:252 Resp: 421

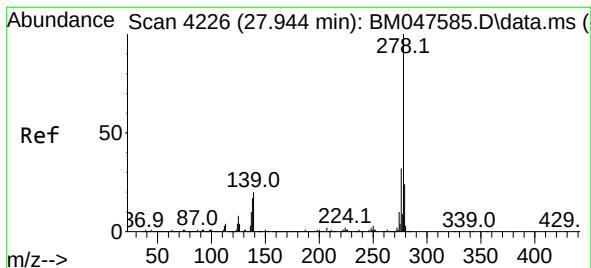
Ion Ratio Lower Upper

252 100

253 103.4 17.4 26.0#

125 108.1 11.5 17.3#





#91

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 27.920 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Instrument :

BNA_M

ClientSampleId :

PB163525BL

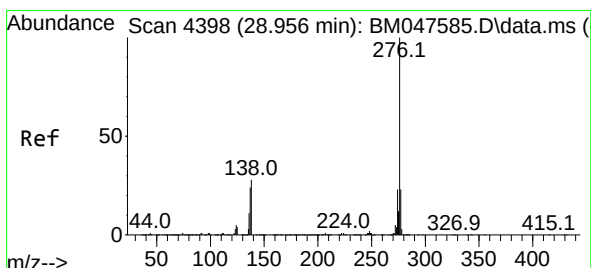
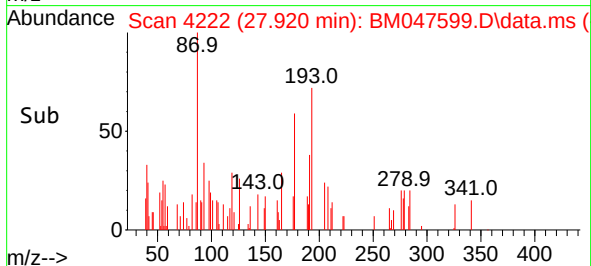
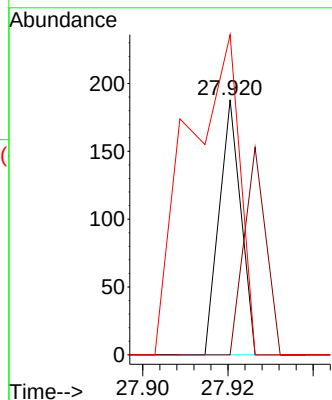
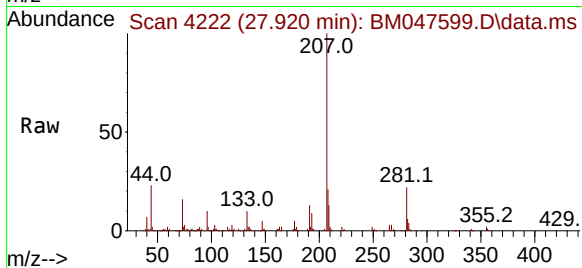
Tgt Ion:278 Resp: 66

Ion Ratio Lower Upper

278 100

139 0.0 16.4 24.6#

279 125.5 19.0 28.6#



#92

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 28.915 min Scan# 4391

Delta R.T. -0.041 min

Lab File: BM047599.D

Acq: 23 Sep 2024 10:24

Tgt Ion:276 Resp: 109

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 22.3 33.5#

